MX370075A
DFS (ETSI) Waveform Pattern Operation Manual

Second Edition

- **For safety and warning information, please read this manual before attempting to use the equipment.**
- **Additional safety and warning information is provided within the MG3700A Vector Signal Generator Operation Manual (Mainframe), MG3710A Vector Signal Generator Operation Manual (Mainframe). Please also refer to either of these documents before using the equipment.**
- **Keep this manual with the equipment.**

ANRITSU CORPORATION

Document No.: M-W3597AE-2.0

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This indicates a note. The contents are described in the box.

These indicate that the marked part should be recycled.

MX370075A
DFS (ETSI) Waveform Pattern
Operation Manual

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- Network connections
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CE marking

1. Product Model

Software: MX370075A DFS (ETSI) Waveform Pattern

2. Applied Directive and Standards

When the MX370075A DFS (ETSI) Waveform Pattern is installed in the MG3700A or MG3710A, the applied directive and standards of this software conform to those of the MG3700A or MG3710A main frame.

PS: About main frame
Please contact Anritsu for the latest information on the main frame types that MX370075A can be used with.

C-tick Conformity Marking

Anritsu affixes the C-tick mark on the following product(s) in accordance with the regulation to indicate that they conform to the EMC framework of Australia/New Zealand.

C-tick marking

1. Product Model

Software: MX370075A DFS (ETSI) Waveform Pattern

2. Applied Directive and Standards

When the MX370075A DFS (ETSI) Waveform Pattern is installed in the MG3700A or MG3710A, the applied directive and standards of this software conform to those of the MG3700A or MG3710A main frame.

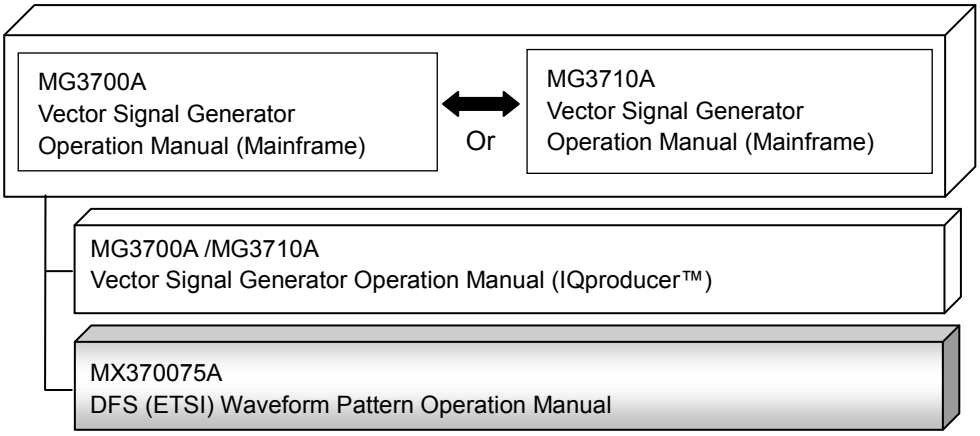
PS: About main frame
Please contact Anritsu for the latest information on the main frame types that MX370075A can be used with.

About This Manual

■Associated Documents

The operation manual configuration of the MX370075A DFS (ETSI) Waveform Pattern is shown below.

■If using MG3700A or MG3710A:



- MG3700A Vector Signal Generator Operation Manual (Mainframe)

This describes basic operations, maintenance procedure, and remote functions of the MG3700A Vector Signal Generator.

Or

- MG3710A Vector Signal Generator Operation Manual (Mainframe)

This describes basic operations, maintenance procedure, and remote functions of the MG3710A Vector Signal Generator.

- MG3700A/MG3710A Vector Signal Generator Operation Manual (IQproducer™)

This describes the functions and how to use the IQproducer, which is Windows software for the Vector Signal Generator.

- MX370075A DFS (ETSI) Waveform Pattern Operation Manual (This document)

This describes basic operations and functions of the DFS (ETSI) Waveform Pattern.

Table of Contents

Chapter 1 Overview

This chapter provides an overview of the MX370075A DFS (ETSI) Waveform Pattern.

1.1 Product Overview

MX370075A DFS (ETSI) Waveform Pattern (hereinafter referred to as "this waveform pattern") contains standard waveform pattern conforming to the ETSI EN 301 893 Dynamic Frequency Selection test.

Downloading this waveform pattern to the MG3700A/3710A Vector Signal Generator (hereafter this instrument) supports generation of radar pattern signals used at Rx Dynamic Frequency Selection (DFS) tests.

Use of this waveform pattern requires a license corresponding to the serial number of the mainframe using the pattern. When using this waveform pattern with two or more main frames, purchase the license for this waveform pattern for the number of the mainframes to be used.

1.2 Product Composition

Table 1.2-1 shows the composition of this waveform pattern product. At unpacking, check that all items listed in Table 1.2-1 are included. If any item is missing, contact your Anritsu sales representative immediately.

Table 1.2-1 Product Composition

Items	Model/ Symbol	Product name	Q'ty	Remarks
Main unit	MX370075A	DFS (ETSI) Waveform Pattern	1	CD-R Includes license file and operation manual

Chapter 2 How to Use Waveform Patterns

The following operations are required to output MX370075A DFS (ETSI) Waveform Pattern (hereafter "this waveform pattern") from this equipment:

- Installing license file
- Transferring waveform pattern to internal hard disk
- Loading waveform patterns from the hard disk to the waveform memory
- Selecting a waveform pattern to be output from this equipment

This chapter explains the details of these operations.

2.1 Preparing Waveform Pattern

This section describes how to download a waveform pattern created with MG3700A/MG3710A mainframe to the hard disk of the mainframe and output the pattern.

2.1.1 Installing waveform license

To load the waveform pattern to the memory, the license file corresponding to each pattern must be installed. Refer to the following for installation of the license file.

For MG3700A

- MG3700A Vector Signal Generator Operation Manual (Mainframe) 3.10.10 “Install”

For MG3710A

- MG3710A Vector Signal Generator Operation Manual (Mainframe) 9.4.4 “Install”, “Adding/deleting waveform licenses: Waveform Licenses”

2.1.2 Transferring waveform pattern to internal hard disk

There are two ways of transferring the waveform pattern created with this software to the internal hard disk:

For MG3700A
- LAN
- CompactFlash Card

For MG3710A
- LAN
- External device such as USB Memory

■ Transferring from PC to MG3700A via LAN (MG3700A, MG3710A)

Two IQproducer™ tools can be used to transfer a waveform pattern to the MG3700A via a LAN.

- Transfer & Setting Wizard
  Start this wizard by clicking the **Transfer & Setting Wizard** button of this software or by selecting **Simulation & Utility** tab → **Transfer & Setting Wizard** from the IQproducer™ after creating a waveform pattern. For details, refer to Section 4.7 "File Transfer and Loading to Memory Using Transfer & Setting Wizard" in the MG3700A/MG3710A Vector Signal Generator Operation Manual (IQproducer™).
  Transferring a waveform pattern to the internal hard disk of the MG3700A/MG3710A, loading the waveform from the hard disk to the waveform memory, and then outputting the waveform pattern can be done using this wizard.

- Transfer & Setting Panel
  This function is loaded by selecting **Transfer & Setting Panel** in the **Simulation & Utility** tab of the IQproducer™.For details, refer to Section 5.2 "Transferring Waveform Pattern" in the MG3700A/MG3710A Operation Manual IQproducer™.
  Specify the folder that contains the waveform pattern to transfer to the MG3700A/MG3710A in the PC-side tree of Transfer & Setting Panel.

■ Transferring using a CF card (MG3700A)

Copy the waveform pattern (***.wvi and ***.wvd files) to be downloaded to the mainframe to the root directory of a CF card.

Insert the CF card into the card slot on the front panel of the mainframe, and then copy the file to the hard disk. For details about how to use a CF

card to transfer a waveform pattern, refer to (1) Loading waveform file in memory in Section 3.5.2 of the MG3700A Vector Signal Generator Operation Manual (Mainframe).

■ Transferring via external device such as USB memory (MG3710A)

For how to transfer a waveform pattern to the internal hard disk of the mainframe, refer to “Copying external waveform pattern: Copy” in Section 7.3.6 of the MG3710A Vector Signal Generator Operation Manual (Mainframe).

2.1.3 Loading to waveform memory

To output a modulated signal using a waveform pattern, it is necessary to load the waveform pattern that was transferred to the internal hard disk of the MG3700A/MG3710A (described in Section 2.1.1 "Transferring waveform pattern to internal hard disk") to the waveform memory. A waveform pattern can be loaded into the waveform memory in the following two ways.

■ Configuring using the MG3700A/MG3710A

A waveform pattern can be loaded into the waveform memory by using the instruction panel of the mainframe or by using a remote command.

For operation using the front panel, refer below:

- MG3700A Vector Signal Generator Operation Manual (Mainframe) "(1) Loading waveform file in memory" in Section 3.5.2
- MG3710A Vector Signal Generator Operation Manual (Mainframe) "Loading waveform pattern: Load" in Section 7.3.4

For operation using remote commands, refer below:

- MG3700A Vector Signal Generator Operation Manual (Mainframe) Section 4 Remote Control
- MG3710A Vector Signal Generator Operation Manual (Mainframe) "Loading waveform pattern: Load" in Section 7.3.4

■ Using Transfer & Setting Panel of IQproducer™

A waveform pattern can be loaded from the LAN-connected PC to the memory by using **Transfer & Setting Panel**, which can be opened from the **Simulation & Utility** tab. For details, refer to Section 4.6 "File Transfer and Loading to Memory Using Transfer & Setting Panel" in the MG3700A/MG3710A Vector Signal Generator Operation Manual (IQproducer™).

2.1.4 Selecting waveform pattern

Select a waveform pattern to use for modulation from the waveform patterns loaded into the waveform memory of the mainframe according to Section 2.1.2 “Loading to waveform memory”. A waveform pattern can be selected in the following two ways.

■ Configuring using the MG3700A/MG3710A

Waveform patterns to be used for modulation can be selected by operating the equipment panel or by using a remote command.

For operation using the front panel, refer below:

- MG3700A Vector Signal Generator Operation Manual (Mainframe) Section 3.5.2 (4) “To output the pattern loaded into Memory A for modulation in Edit mode”
- MG3710A Vector Signal Generator Operation Manual (Mainframe) Section 7.3.5 “Selecting output waveform pattern: Select”

For operation using remote commands, refer below:

- MG3700A Vector Signal Generator Operation Manual (Mainframe) Section 4 Remote Control
- MG3710A Vector Signal Generator Operation Manual (Mainframe) Section 7.3.5 “Selecting output waveform pattern: Select”

■ Using Transfer & Setting Panel of IQproducer™

A waveform pattern can be loaded from the LAN-connected PC to the memory, and also selected for modulation. This is done by using **Transfer & Setting Panel**, which can be opened from the **Simulation & Utility** tab. For details, refer to Section 4.6 “File Transfer and Loading to Memory Using Transfer & Setting Panel” in the MG3700A/MG3710A Vector Signal Generator Operation Manual (IQproducer™).

2.1.5 Outputting waveform pattern again

Output starts as soon as this waveform pattern is selected. Use the following procedure to output the same waveform pattern again.

For MG3700A

Press **Sequence Restart** (F4) in the Baseband function menu.

- Refer to "F4 Sequence Restart" in Table 3.5.1-5 in the MG3700A Vector Signal Generator Operation Manual (Mainframe).

For MG3710A

Press **Restart** (F8) in the ARB/Waveform function menu.

- Refer to "F8 Restart" in Table 7.3.1-2 in the MG3710A Vector Signal Generator Operation Manual (Mainframe)

Waveform is also output by applying trigger. Refer to the either of the operation manual.

- MG3700A Vector Signal Generator Operation Manual (Mainframe)
- MG3700A Vector Signal Generator Operation Manual (Mainframe)

Chapter 3 Details of Waveform Pattern

This chapter explains details of the MX370075A DFS (ETSI) Waveform Pattern (hereafter this pattern).

3.1 Waveform Pattern Type

This waveform pattern contains the following DFS waveform patterns standardized in accordance with the ETSI EN 301 893 DFS test. The details of this waveform pattern are shown below.

Waveform patterns composing the pattern are stored in the related package.
Download with the pattern to be used.

Table 3.1-1 Reference DFS test signal

Package	Pattern	Related package
ReferenceDFSSignal	ReferenceDFSSignal	D_3

Table 3.1-2 Waveform pattern list for Radar test signal #1

Radar test signal #	Package	Pattern	Related package
1	TestSignal-1_Single	TestSignal-1_S_00 to TestSignal-1_S_19	D-4_1_without
		TestSignal-1B_S_00 to TestSignal-1B_S_19	D-4_1_within
	TestSignal-1_Multi	TestSignal-1_M_00 to TestSignal-1_M_19	D-4_1_without
		TestSignal-1B_M_00 to TestSignal-1B_M_19	D-4_1_within

Table 3.1-3 Waveform pattern list for Radar test signal #2

Radar test signal #	Package	Pattern	Related package
2	TestSignal-2_Single	TestSignal-2_S_00 to TestSignal-2_S_19	D-4_2_without
		TestSignal-2B_S_nn to TestSignal-2B_S_19	D-4_2_within
	TestSignal-2_Multi	TestSignal-2_M_00 to TestSignal-2_M_19	D-4_2_without
		TestSignal-2B_M_19 to TestSignal-2B_M_19	D-4_2_within

Table 3.1-4 Waveform pattern list for Radar test signal #3

Radar test signal #	Package	Pattern	Related package
3	TestSignal-3_Single	TestSignal-3_S_00 to TestSignal-3_S_19	D-4_3
	TestSignal-3_Multi	TestSignal-3_M_00 to TestSignal-3_M_19	

Table 3.1-5 Waveform pattern list for Radar test signal #4

Radar test signal #	Package	Pattern	Related package
4	TestSignal-4_Single	TestSignal-4_S_00 to TestSignal-4_S_19	D-4_4
	TestSignal-4_Multi	TestSignal-4_M_00 to TestSignal-4_M_19	

Table 3.1-6 Waveform pattern list for Radar test signal #5

Radar test signal #	Package	Pattern	Related package
5	TestSignal-5_Single	TestSignal-5_S_00 to TestSignal-5_S_19	D-4_5_without
		TestSignal-5B_S_00 to TestSignal-5B_S_19	D-4_5_within
	TestSignal-5_Multi	TestSignal-5_M_00 to TestSignal-5_M_19	D-4_5_without
		TestSignal-5B_M_00 to TestSignal-5B_M_19	D-4_5_within

Table 3.1-7 Waveform pattern list for Radar test signal #6

Radar test signal #	Package	Pattern	Related package
6	TestSignal-6_Single	TestSignal-6_S_00 to TestSignal-6_S_19	D-4_6_without
		TestSignal-6B_S_00 to TestSignal-6B_S_19	D-4_6_within
	TestSignal-6_Multi	TestSignal-6_M_00 to TestSignal-6_M_19	D-4_6_without
		TestSignal-6B_M_00 to TestSignal-6B_M_19	D-4_6_within

Waveform patterns with the package name TestSignal-x_Single are for single-burst tests. (x is an integer between 1 and 6.)

In a pattern name such as "TestSignal-1B_S_00", the pattern with "B" appended after TestSignal-x (x is an integer between 1 and 6) is for use in the 5600 to 5650 MHz band.

Note:

Before testing, we recommend transferring all the waveform patterns to the main frame and loading them into waveform memory.

Each waveform pattern is composed of a combination file (.wvc extension) and corresponding waveform data file (.wvd extension) and waveform information file (.wvi extension). The combination file defines the waveform data file used by each waveform pattern, the waveform information file and the number of repetitions of each.

For how to use the combination file, refer to 3.5.2 “Using waveform pattern for modulation” in the MG3700A Vector Signal Generator Operation Manual (Mainframe) or 7.3 “Baseband Mode” in the MG3710A Vector Signal Generator Operation Manual (Mainframe).

3.2 Waveform Pattern Details

The details of this waveform pattern are shown below.

For details of the waveform pattern parameters, refer to Appendix A "DFS (ETSI) Waveform Pattern Parameter List".

For the list of waveform pattern files included in packages, refer to Appendix B "DFS (ETSI) Waveform Pattern File List".

Table 3.2-1 Reference DFS test signal parameters

Test signal	Pulse Width (μ second)	Pulse Repetition Frequency PRF (PPS)	Pulse Count Per Burst (PPB)
Reference DFS test signal	1	700	18

Table 3.2-2 Radar test signals parameters

Radar test signal #	Pulse Width (μ second)*3		Pulse Repetition Frequency*4 PRF*5 (PPS)*6		No. of PRF Type	Pulse Count Per Burst (PPB)*7
	Min	Max	Min	Max		
1	0.5	5	200	1 000	1	10*2
2	0.5	15	200	1 600	1	15*2
3	0.5	15	2 300	4 000	1	25
4*1	20	30	2 000	4 000	1	20
5	0.5	2	300	400	2 or 3	10*2
6	0.5	2	400	1 200	2 or 3	15*2

*1: The Radar test signal #4 waveform is chirp-modulated in the ±2.5 MHz range.

*2: 18 when testing at 5600 to 5650 MHz at the CAC and Off-Channel CAC test.

*3: Use randomly selected value in Max to Min range with 0.1-μs step.

*4: Use randomly selected value in Max to Min range with 1-PPS step.

*5: PRF : Pulse Repetition Frequency

*6: PPS : Pulse Per Second

*7: PPB : Pulse Per Burst

The single-burst and multi-burst timing charts for the Radar test signal #1 to #4 waveform patterns are shown below.

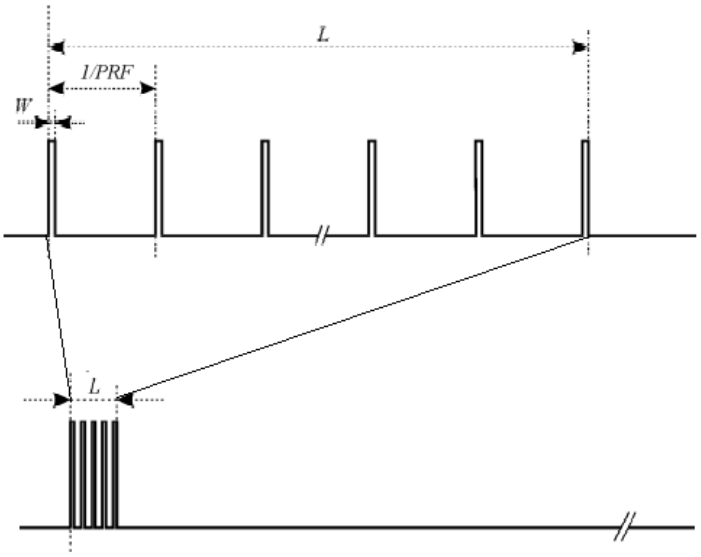


Figure 3.2-1 Single Burst/Constant PRF Timing Chart

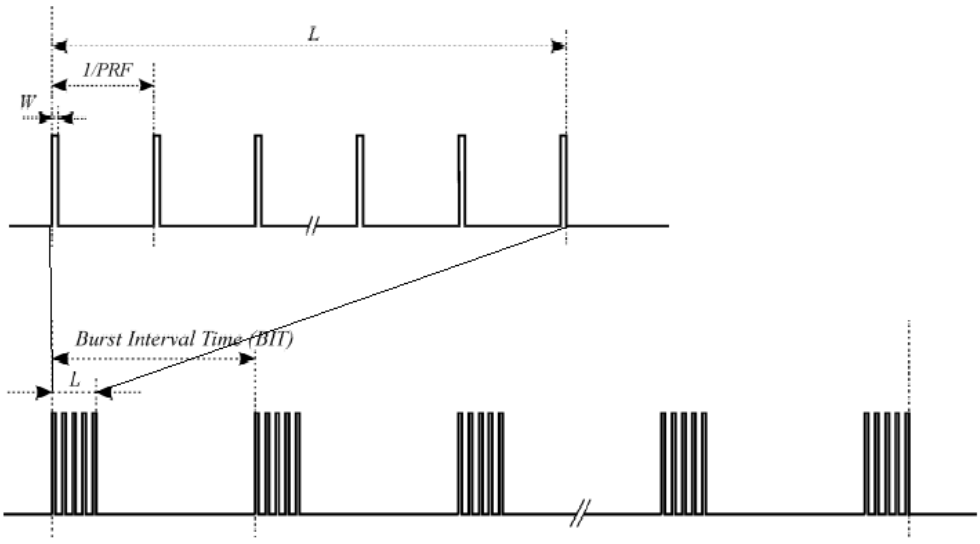


Figure 3.2-2 Multiple Burst/Constant PRF Timing Chart

The single-burst and multi-burst timing charts for the Radar test signal #5 to #6 waveform patterns are shown below.

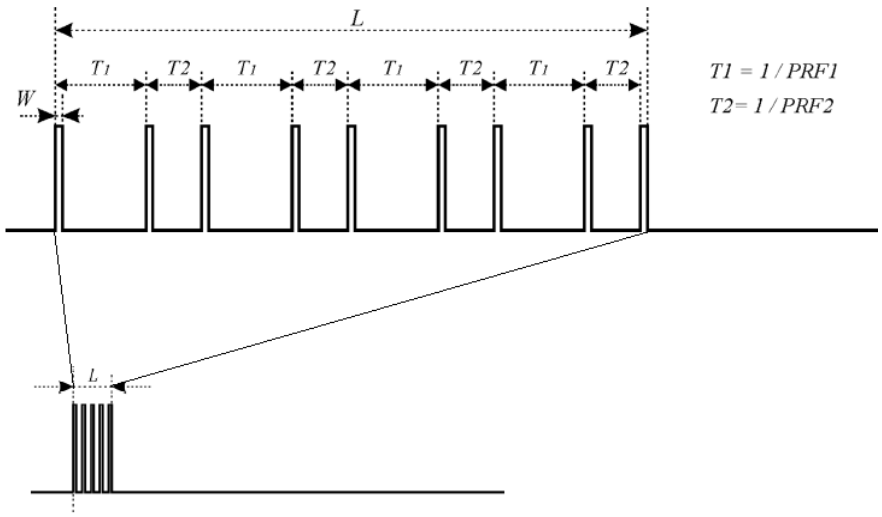


Figure 3.2-3 Single Burst/Staggered PRF Timing Chart

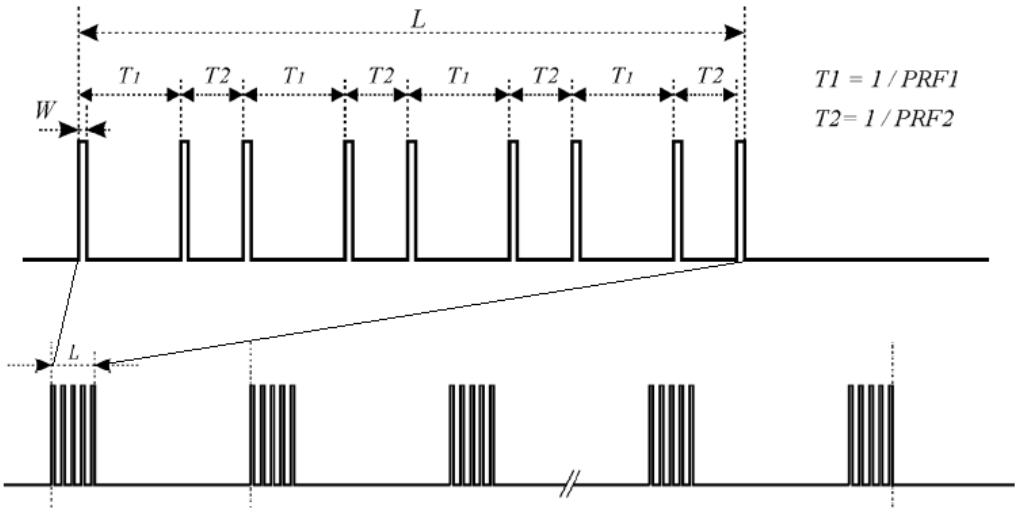


Figure 3.2-4 Multiple Burst/Staggered PRF Timing Chart

Appendix A Waveform Pattern File List

Table A-1 Waveform Pattern File List

Annex D	Package Name	File List	
Table D.3			
Reference DFS test	ReferenceDFSSignal	ReferenceDFSSignal.wvc	
	D_3	D_3_00.wvi/wvd	D_3_Gap_100us.wvi/wvd
Table D.4			
Radar test signal #1	TestSignal-1_Single	TestSignal-1_S_00.wvc to TestSignal-1_S_19.wvc TestSignal-1B_S_00.wvc to TestSignal-1B_S_19.wvc	
	TestSignal-1_Multi	TestSignal-1_M_00.wvc to TestSignal-1_M_19.wvc TestSignal-1B_M_00.wvc to TestSignal-1B_M_19.wvc	
	D-4_1_without	D-4_1_00.wvi/wvd	D-4_1_Gap_00_01.wvi/wvd
		D-4_1_02.wvi/wvd	D-4_1_Gap_010ms.wvi/wvd
		D-4_1_04wvi/wvd	D-4_1_Gap_01_03.wvi/wvd
		D-4_1_06.wvi/wvd	D-4_1_Gap_02_05.wvi/wvd
		D-4_1_08.wvi/wvd	D-4_1_Gap_03_07.wvi/wvd
		D-4_1_10.wvi/wvd	D-4_1_Gap_04_09.wvi/wvd
		D-4_1_12.wvi/wvd	D-4_1_Gap_05_11.wvi/wvd
		D-4_1_14.wvi/wvd	D-4_1_Gap_06_13.wvi/wvd
		D-4_1_16.wvi/wvd	D-4_1_Gap_07_15.wvi/wvd
		D-4_1_18.wvi/wvd	D-4_1_Gap_08_17.wvi/wvd
		D-4_1_20.wvi/wvd	D-4_1_Gap_09_19.wvi/wvd
		D-4_1_21.wvi/wvd	D-4_1_Gap_100us_01.wvi/wvd
		D-4_1_23.wvi/wvd	D-4_1_Gap_11_22.wvi/wvd
		D-4_1_24.wvi/wvd	D-4_1_Gap_14_26.wvi/wvd
		D-4_1_25.wvi/wvd	D-4_1_Gap_15_28.wvi/wvd
		D-4_1_27.wvi/wvd	D-4_1_Gap_16_30.wvi/wvd
		D-4_1_29.wvi/wvd	D-4_1_Gap_18_33.wvi/wvd
		D-4_1_31.wvi/wvd	
		D-4_1_32.wvi/wvd	
		D-4_1_34.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #1	D-4_1_within	D-4_1B_00.wvi/wvd	D-4_1B_Gap_00_01.wvi/wvd
		D-4_1B_02.wvi/wvd	D-4_1B_Gap_010ms.wvi/wvd
		D-4_1B_04.wvi/wvd	D-4_1B_Gap_01_03.wvi/wvd
		D-4_1B_05.wvi/wvd	D-4_1B_Gap_03_06.wvi/wvd
		D-4_1B_07.wvi/wvd	D-4_1B_Gap_05_09.wvi/wvd
		D-4_1B_08.wvi/wvd	D-4_1B_Gap_06_11.wvi/wvd
		D-4_1B_10.wvi/wvd	D-4_1B_Gap_07_13.wvi/wvd
		D-4_1B_12.wvi/wvd	D-4_1B_Gap_09_16.wvi/wvd
		D-4_1B_14.wvi/wvd	D-4_1B_Gap_100us_01.wvi/wvd
		D-4_1B_15.wvi/wvd	D-4_1B_Gap_10_18.wvi/wvd
		D-4_1B_17.wvi/wvd	D-4_1B_Gap_12_21.wvi/wvd
		D-4_1B_19.wvi/wvd	D-4_1B_Gap_14_24.wvi/wvd
		D-4_1B_20.wvi/wvd	D-4_1B_Gap_16_27.wvi/wvd
		D-4_1B_22.wvi/wvd	D-4_1B_Gap_17_29.wvi/wvd
		D-4_1B_23.wvi/wvd	
		D-4_1B_25.wvi/wvd	
		D-4_1B_26.wvi/wvd	
		D-4_1B_28.wvi/wvd	
		D-4_1B_30.wvi/wvd	
		D-4_1B_31.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #2	TestSignal-2_Single	TestSignal-2_S_00.wvc to TestSignal-2_S_19.wvc TestSignal-2B_S_00.wvc to TestSignal-2B_S_19.wvc	
	TestSignal-2_Multi	TestSignal-2_M_00.wvc to TestSignal-2_M_19.wvc TestSignal-2B_M_00.wvc to TestSignal-2B_M_19.wvc	
	D-4_2_without	D-4_2_00.wvi/wvd	D-4_2_Gap_00_01.wvi/wvd
		D-4_2_02.wvi/wvd	D-4_2_Gap_010ms.wvi/wvd
		D-4_2_04wvi/wvd	D-4_2_Gap_01_03.wvi/wvd
		D-4_2_06.wvi/wvd	D-4_2_Gap_02_05.wvi/wvd
		D-4_2_08.wvi/wvd	D-4_2_Gap_03_07.wvi/wvd
		D-4_2_10.wvi/wvd	D-4_2_Gap_04_09.wvi/wvd
		D-4_2_12.wvi/wvd	D-4_2_Gap_05_11.wvi/wvd
		D-4_2_14.wvi/wvd	D-4_2_Gap_06_13.wvi/wvd
		D-4_2_16.wvi/wvd	D-4_2_Gap_07_15.wvi/wvd
		D-4_2_17.wvi/wvd	D-4_2_Gap_100us_01.wvi/wvd
		D-4_2_18.wvi/wvd	D-4_2_Gap_11_20.wvi/wvd
		D-4_2_19.wvi/wvd	D-4_2_Gap_12_22.wvi/wvd
		D-4_2_21.wvi/wvd	D-4_2_Gap_13_24.wvi/wvd
		D-4_2_23.wvi/wvd	D-4_2_Gap_14_26.wvi/wvd
		D-4_2_25.wvi/wvd	D-4_2_Gap_15_28.wvi/wvd
		D-4_2_27.wvi/wvd	D-4_2_Gap_18_32.wvi/wvd
		D-4_2_29.wvi/wvd	D-4_2_Gap_19_34.wvi/wvd
		D-4_2_30.wvi/wvd	
		D-4_2_31.wvi/wvd	
		D-4_2_33.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #2	D-4_2_within	D-4_2B_00.wvi/wvd	D-4_2B_Gap_00_01.wvi/wvd
		D-4_2B_02.wvi/wvd	D-4_2B_Gap_010ms.wvi/wvd
		D-4_2B_04.wvi/wvd	D-4_2B_Gap_01_03.wvi/wvd
		D-4_2B_06.wvi/wvd	D-4_2B_Gap_02_05.wvi/wvd
		D-4_2B_08.wvi/wvd	D-4_2B_Gap_03_07.wvi/wvd
		D-4_2B_10.wvi/wvd	D-4_2B_Gap_04_09.wvi/wvd
		D-4_2B_11.wvi/wvd	D-4_2B_Gap_09_15.wvi/wvd
		D-4_2B_12.wvi/wvd	D-4_2B_Gap_100us_01.wvi/wvd
		D-4_2B_13.wvi/wvd	D-4_2B_Gap_10_17wvi/wvd
		D-4_2B_14.wvi/wvd	D-4_2B_Gap_11_19.wvi/wvd
		D-4_2B_16.wvi/wvd	D-4_2B_Gap_12_21.wvi/wvd
		D-4_2B_18.wvi/wvd	D-4_2B_Gap_13_23.wvi/wvd
		D-4_2B_20.wvi/wvd	D-4_2B_Gap_18_29.wvi/wvd
		D-4_2B_22.wvi/wvd	
		D-4_2B_24.wvi/wvd	
		D-4_2B_25.wvi/wvd	
		D-4_2B_26.wvi/wvd	
		D-4_2B_27.wvi/wvd	
		D-4_2B_28.wvi/wvd	
		D-4_2B_30.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #3	TestSignal-3_Single	TestSignal-3_S_00.wvc to TestSignal-3_S_19.wvc	
	TestSignal-3_Multi	TestSignal-3_M_00.wvc to TestSignal-3_M_19.wvc	
	D-4_3	D-4_3_00.wvi/wvd	D-4_3_Gap_00_01.wvi/wvd
		D-4_3_02.wvi/wvd	D-4_3_Gap_010ms.wvi/wvd
		D-4_3_04wvi/wvd	D-4_3_Gap_01_03.wvi/wvd
		D-4_3_06.wvi/wvd	D-4_3_Gap_02_05.wvi/wvd
		D-4_3_08.wvi/wvd	D-4_3_Gap_03_07.wvi/wvd
		D-4_3_10.wvi/wvd	D-4_3_Gap_04_09.wvi/wvd
		D-4_3_12.wvi/wvd	D-4_3_Gap_05_11.wvi/wvd
		D-4_3_14.wvi/wvd	D-4_3_Gap_06_13.wvi/wvd
		D-4_3_16.wvi/wvd	D-4_3_Gap_07_15.wvi/wvd
		D-4_3_18.wvi/wvd	D-4_3_Gap_08_17.wvi/wvd
		D-4_3_19.wvi/wvd	D-4_3_Gap_100us_01.wvi/wvd
		D-4_3_20.wvi/wvd	
		D-4_3_21.wvi/wvd	
		D-4_3_22.wvi/wvd	
		D-4_3_23.wvi/wvd	
		D-4_3_24.wvi/wvd	
		D-4_3_25.wvi/wvd	
		D-4_3_26.wvi/wvd	
		D-4_3_27.wvi/wvd	
		D-4_3_28.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #4	TestSignal-4_Single	TestSignal-4_S_00.wvc to TestSignal-4_S_19.wvc	
	TestSignal-4_Multi	TestSignal-4_M_00.wvc to TestSignal-4_M_19.wvc	
	D-4_4	D-4_4_00.wvi/wvd	D-4_4_Gap_00_01.wvi/wvd
		D-4_4_02.wvi/wvd	D-4_4_Gap_010ms.wvi/wvd
		D-4_4_04wvi/wvd	D-4_4_Gap_01_03.wvi/wvd
		D-4_4_06.wvi/wvd	D-4_4_Gap_02_05.wvi/wvd
		D-4_4_08.wvi/wvd	D-4_4_Gap_03_07.wvi/wvd
		D-4_4_10.wvi/wvd	D-4_4_Gap_04_09.wvi/wvd
		D-4_4_12.wvi/wvd	D-4_4_Gap_05_11.wvi/wvd
		D-4_4_14.wvi/wvd	D-4_4_Gap_06_13.wvi/wvd
		D-4_4_16.wvi/wvd	D-4_4_Gap_07_15.wvi/wvd
		D-4_4_18.wvi/wvd	D-4_4_Gap_08_17.wvi/wvd
		D-4_4_20.wvi/wvd	D-4_4_Gap_09_19.wvi/wvd
		D-4_4_22.wvi/wvd	D-4_4_Gap_100us_01.wvi/wvd
		D-4_4_23.wvi/wvd	D-4_4_Gap_10_21.wvi/wvd
		D-4_4_24.wvi/wvd	
		D-4_4_25.wvi/wvd	
		D-4_4_26.wvi/wvd	
		D-4_4_27.wvi/wvd	
		D-4_4_28.wvi/wvd	
		D-4_4_29.wvi/wvd	
		D-4_4_30.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #5	TestSignal-5_Single	TestSignal-5_S_00.wvc to TestSignal-5_S_19.wvc TestSignal-5B_S_00.wvc to TestSignal-5B_S_19.wvc	
	TestSignal-5_Multi	TestSignal-5_M_00.wvc to TestSignal-5_M_19.wvc TestSignal-5B_M_00.wvc to TestSignal-5B_M_19.wvc	
	D-4_5_without	D-4_5_00.wvi/wvd	D-4_5_46.wvi/wvd
		D-4_5_01.wvi/wvd	D-4_5_47.wvi/wvd
		D-4_5_03wvi/wvd	D-4_5_49.wvi/wvd
		D-4_5_04.wvi/wvd	D-4_5_50.wvi/wvd
		D-4_5_05.wvi/wvd	D-4_5_51.wvi/wvd
		D-4_5_07.wvi/wvd	D-4_5_52.wvi/wvd
		D-4_5_08.wvi/wvd	D-4_5_54.wvi/wvd
		D-4_5_10.wvi/wvd	D-4_5_Gap_00_02.wvi/wvd
		D-4_5_11.wvi/wvd	D-4_5_Gap_010ms.wvi/wvd
		D-4_5_12.wvi/wvd	D-4_5_Gap_010ms_01.wvi/wvd
		D-4_5_14.wvi/wvd	D-4_5_Gap_010ms_02.wvi/wvd
		D-4_5_15.wvi/wvd	D-4_5_Gap_010ms_03.wvi/wvd
		D-4_5_17.wvi/wvd	D-4_5_Gap_01_06.wvi/wvd
		D-4_5_18.wvi/wvd	D-4_5_Gap_02_09.wvi/wvd
		D-4_5_19.wvi/wvd	D-4_5_Gap_03_13.wvi/wvd
		D-4_5_21.wvi/wvd	D-4_5_Gap_04_16.wvi/wvd
		D-4_5_22.wvi/wvd	D-4_5_Gap_05_20.wvi/wvd
		D-4_5_24.wvi/wvd	D-4_5_Gap_06_23.wvi/wvd
		D-4_5_25.wvi/wvd	D-4_5_Gap_08_29.wvi/wvd
		D-4_5_26.wvi/wvd	D-4_5_Gap_09_33.wvi/wvd
		D-4_5_27.wvi/wvd	D-4_5_Gap_11_39.wvi/wvd
		D-4_5_28.wvi/wvd	D-4_5_Gap_13_45.wvi/wvd
		D-4_5_30.wvi/wvd	D-4_5_Gap_14_48.wvi/wvd
		D-4_5_31.wvi/wvd	D-4_5_Gap_18_53.wvi/wvd
		D-4_5_32.wvi/wvd	D-4_5_Gap_100us_04.wvi/wvd
		D-4_5_34.wvi/wvd	D-4_5_Gap_100us_05.wvi/wvd
		D-4_5_35.wvi/wvd	D-4_5_Gap_100us_06.wvi/wvd
		D-4_5_36.wvi/wvd	D-4_5_Gap_100us_07.wvi/wvd
		D-4_5_37.wvi/wvd	
		D-4_5_38.wvi/wvd	
		D-4_5_40.wvi/wvd	
		D-4_5_41.wvi/wvd	
		D-4_5_42.wvi/wvd	
		D-4_5_43.wvi/wvd	
		D-4_5_44wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #5	D-4_5_within	D-4_5B_00.wvi/wvd	D-4_5B_45.wvi/wvd
		D-4_5B_01.wvi/wvd	D-4_5B_46.wvi/wvd
		D-4_5B_03.wvi/wvd	D-4_5B_48.wvi/wvd
		D-4_5B_04.wvi/wvd	D-4_5B_49.wvi/wvd
		D-4_5B_05.wvi/wvd	D-4_5B_50.wvi/wvd
		D-4_5B_07.wvi/wvd	D-4_5B_51.wvi/wvd
		D-4_5B_08.wvi/wvd	D-4_5B_53.wvi/wvd
		D-4_5B_10.wvi/wvd	D-4_5B_Gap_00_02.wvi/wvd
		D-4_5B_11.wvi/wvd	D-4_5B_Gap_01_06.wvi/wvd
		D-4_5B_12.wvi/wvd	D-4_5B_Gap_02_09.wvi/wvd
		D-4_5B_14.wvi/wvd	D-4_5B_Gap_03_13.wvi/wvd
		D-4_5B_15.wvi/wvd	D-4_5B_Gap_04_16.wvi/wvd
		D-4_5B_17.wvi/wvd	D-4_5B_Gap_05_20.wvi/wvd
		D-4_5B_18.wvi/wvd	D-4_5B_Gap_08_28.wvi/wvd
		D-4_5B_19.wvi/wvd	D-4_5B_Gap_09_32.wvi/wvd
		D-4_5B_21.wvi/wvd	D-4_5B_Gap_11_38.wvi/wvd
		D-4_5B_22.wvi/wvd	D-4_5B_Gap_13_44.wvi/wvd
		D-4_5B_23.wvi/wvd	D-4_5B_Gap_14_47.wvi/wvd
		D-4_5B_24.wvi/wvd	D-4_5B_Gap_18_52.wvi/wvd
		D-4_5B_25.wvi/wvd	D-4_5B_Gap_010ms.wvi/wvd
		D-4_5B_26.wvi/wvd	D-4_5B_Gap_010ms_01.wvi/wvd
		D-4_5B_27.wvi/wvd	D-4_5B_Gap_010ms_02.wvi/wvd
		D-4_5B_29.wvi/wvd	D-4_5B_Gap_010ms_03.wvi/wvd
		D-4_5B_30.wvi/wvd	D-4_5B_Gap_100us_04.wvi/wvd
		D-4_5B_31.wvi/wvd	D-4_5B_Gap_100us_05.wvi/wvd
		D-4_5B_33.wvi/wvd	D-4_5B_Gap_100us_06.wvi/wvd
		D-4_5B_34.wvi/wvd	D-4_5B_Gap_100us_07.wvi/wvd
		D-4_5B_35.wvi/wvd	
		D-4_5B_36.wvi/wvd	
		D-4_5B_37.wvi/wvd	
		D-4_5B_39.wvi/wvd	
		D-4_5B_40.wvi/wvd	
		D-4_5B_41.wvi/wvd	
		D-4_5B_42.wvi/wvd	
		D-4_5B_43wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #6	TestSignal-6_Single	TestSignal-6_S_00.wvc to TestSignal-6_S_19.wvc TestSignal-6B_S_00.wvc to TestSignal-6B_S_19.wvc	
	TestSignal-6_Multi	TestSignal-6_M_00.wvc to TestSignal-6_M_19.wvc TestSignal-6B_M_00.wvc to TestSignal-6B_M_19.wvc	
	D-4_6_without	D-4_6_00.wvi/wvd	D-4_6_61.wvi/wvd
		D-4_6_01.wvi/wvd	D-4_6_62.wvi/wvd
		D-4_6_03wvi/wvd	D-4_6_64.wvi/wvd
		D-4_6_04.wvi/wvd	D-4_6_65.wvi/wvd
		D-4_6_05.wvi/wvd	D-4_6_66.wvi/wvd
		D-4_6_07.wvi/wvd	D-4_6_Gap_00_02.wvi/wvd
		D-4_6_08.wvi/wvd	D-4_6_Gap_01_06.wvi/wvd
		D-4_6_10.wvi/wvd	D-4_6_Gap_02_09.wvi/wvd
		D-4_6_11.wvi/wvd	D-4_6_Gap_03_13.wvi/wvd
		D-4_6_12.wvi/wvd	D-4_6_Gap_04_16.wvi/wvd
		D-4_6_14.wvi/wvd	D-4_6_Gap_06_22.wvi/wvd
		D-4_6_15.wvi/wvd	D-4_6_Gap_07_26.wvi/wvd
		D-4_6_17.wvi/wvd	D-4_6_Gap_08_29.wvi/wvd
		D-4_6_18.wvi/wvd	D-4_6_Gap_10_36.wvi/wvd
		D-4_6_19.wvi/wvd	D-4_6_Gap_11_39.wvi/wvd
		D-4_6_20.wvi/wvd	D-4_6_Gap_12_42.wvi/wvd
		D-4_6_21.wvi/wvd	D-4_6_Gap_13_46.wvi/wvd
		D-4_6_23.wvi/wvd	D-4_6_Gap_14_49.wvi/wvd
		D-4_6_24.wvi/wvd	D-4_6_Gap_15_53.wvi/wvd
		D-4_6_25.wvi/wvd	D-4_6_Gap_16_56.wvi/wvd
		D-4_6_27.wvi/wvd	D-4_6_Gap_17_60.wvi/wvd
		D-4_6_28.wvi/wvd	D-4_6_Gap_18_63.wvi/wvd
		D-4_6_30.wvi/wvd	D-4_6_Gap_19_67.wvi/wvd
		D-4_6_31.wvi/wvd	D-4_6_Gap_010ms.wvi/wvd
		D-4_6_32.wvi/wvd	D-4_6_Gap_010ms_01.wvi/wvd
		D-4_6_33.wvi/wvd	D-4_6_Gap_010ms_02.wvi/wvd
		D-4_6_34.wvi/wvd	D-4_6_Gap_010ms_03.wvi/wvd
		D-4_6_35.wvi/wvd	D-4_6_Gap_010ms_04.wvi/wvd
		D-4_6_37.wvi/wvd	D-4_6_Gap_010ms_05.wvi/wvd
		D-4_6_38.wvi/wvd	D-4_6_Gap_010ms_06.wvi/wvd
		D-4_6_40.wvi/wvd	D-4_6_Gap_100us_07.wvi/wvd
		D-4_6_41.wvi/wvd	D-4_6_Gap_100us_08.wvi/wvd

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #6	D-4_6_without	D-4_6_43.wvi/wvd	D-4_6_Gap_100us_09.wvi/wvd
		D-4_6_44.wvi/wvd	D-4_6_Gap_100us_10.wvi/wvd
		D-4_6_45wvi/wvd	D-4_6_Gap_100us_11.wvi/wvd
		D-4_6_47.wvi/wvd	D-4_6_Gap_100us_12.wvi/wvd
		D-4_6_48.wvi/wvd	D-4_6_Gap_100us_13.wvi/wvd
		D-4_6_50.wvi/wvd	
		D-4_6_51.wvi/wvd	
		D-4_6_52.wvi/wvd	
		D-4_6_54.wvi/wvd	
		D-4_6_55.wvi/wvd	
		D-4_6_57.wvi/wvd	
		D-4_6_58.wvi/wvd	
		D-4_6_59.wvi/wvd	

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #6	D-4_6_within	D-4_6B_00.wvi/wvd	D-4_6B_63.wvi/wvd
		D-4_6B_01.wvi/wvd	D-4_6B_64.wvi/wvd
		D-4_6B_03.wvi/wvd	D-4_6B_66.wvi/wvd
		D-4_6B_04.wvi/wvd	D-4_6B_67.wvi/wvd
		D-4_6B_05.wvi/wvd	D-4_6B_68.wvi/wvd
		D-4_6B_07.wvi/wvd	D-4_6B_Gap_00_02.wvi/wvd
		D-4_6B_08.wvi/wvd	D-4_6B_Gap_01_06.wvi/wvd
		D-4_6B_10.wvi/wvd	D-4_6B_Gap_02_09.wvi/wvd
		D-4_6B_11.wvi/wvd	D-4_6B_Gap_03_13.wvi/wvd
		D-4_6B_12.wvi/wvd	D-4_6B_Gap_04_16.wvi/wvd
		D-4_6B_14.wvi/wvd	D-4_6B_Gap_05_20.wvi/wvd
		D-4_6B_15.wvi/wvd	D-4_6B_Gap_06_23.wvi/wvd
		D-4_6B_17.wvi/wvd	D-4_6B_Gap_07_27.wvi/wvd
		D-4_6B_18.wvi/wvd	D-4_6B_Gap_08_30.wvi/wvd
		D-4_6B_19.wvi/wvd	D-4_6B_Gap_09_34.wvi/wvd
		D-4_6B_21.wvi/wvd	D-4_6B_Gap_10_38.wvi/wvd
		D-4_6B_22.wvi/wvd	D-4_6B_Gap_11_41.wvi/wvd
		D-4_6B_24.wvi/wvd	D-4_6B_Gap_12_44.wvi/wvd
		D-4_6B_25.wvi/wvd	D-4_6B_Gap_13_48.wvi/wvd
		D-4_6B_26.wvi/wvd	D-4_6B_Gap_14_51.wvi/wvd
		D-4_6B_28.wvi/wvd	D-4_6B_Gap_15_55.wvi/wvd
		D-4_6B_29.wvi/wvd	D-4_6B_Gap_16_58.wvi/wvd
		D-4_6B_31.wvi/wvd	D-4_6B_Gap_17_62.wvi/wvd
		D-4_6B_32.wvi/wvd	D-4_6B_Gap_18_65.wvi/wvd
		D-4_6B_33.wvi/wvd	D-4_6B_Gap_19_69.wvi/wvd
		D-4_6B_35.wvi/wvd	D-4_6B_Gap_010ms.wvi/wvd
		D-4_6B_36.wvi/wvd	D-4_6B_Gap_010ms_01.wvi/wvd
		D-4_6B_37.wvi/wvd	D-4_6B_Gap_010ms_02.wvi/wvd
		D-4_6B_39.wvi/wvd	D-4_6B_Gap_010ms_03.wvi/wvd
		D-4_6B_40.wvi/wvd	D-4_6B_Gap_010ms_04.wvi/wvd
		D-4_6B_42.wvi/wvd	D-4_6B_Gap_010ms_05.wvi/wvd
		D-4_6B_43.wvi/wvd	D-4_6B_Gap_010ms_06.wvi/wvd
		D-4_6B_45.wvi/wvd	D-4_6B_Gap_100us_07.wvi/wvd
		D-4_6B_46.wvi/wvd	D-4_6B_Gap_100us_08.wvi/wvd
		D-4_6B_47.wvi/wvd	D-4_6B_Gap_100us_09.wvi/wvd

Table A-1 Waveform Pattern File List (Continued)

Annex D	Package Name	File List	
Radar test signal #6	D-4_6_within	D-4_6B_49.wvi/wvd	D-4_6B_Gap_100us_10.wvi/wvd
		D-4_6B_50.wvi/wvd	D-4_6B_Gap_100us_11.wvi/wvd
		D-4_6B_52.wvi/wvd	D-4_5B_Gap_100us_12.wvi/wvd
		D-4_6B_53.wvi/wvd	D-4_6B_Gap_100us_13.wvi/wvd
		D-4_6B_54.wvi/wvd	
		D-4_6B_56.wvi/wvd	
		D-4_6B_57.wvi/wvd	
		D-4_6B_59.wvi/wvd	
		D-4_6B_60.wvi/wvd	
		D-4_6B_61.wvi/wvd	

Appendix B Parameter of Waveform Pattern

Table B-1 Waveform Pattern Parameter List

Table D.3			
File name	**Pulse Width (μ second)**	**Repetition Frequency (Hz)**	**Pulse Count Within One Burst**
1	1	700	18

Table B-2 Waveform Pattern Parameter List

Table D.4						
Radar test signal #1						
For Non-5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-1_S_00.wvc	4.6	576	1	10	Single	—
TestSignal-1_S_01.wvc	4.8	200	1	10	Single	—
TestSignal-1_S_02.wvc	0.8	900	1	10	Single	—
TestSignal-1_S_03.wvc	1.9	384	1	10	Single	—
TestSignal-1_S_04.wvc	5.0	300	1	10	Single	—
TestSignal-1_S_05.wvc	2.8	800	1	10	Single	—
TestSignal-1_S_06.wvc	3.8	400	1	10	Single	—
TestSignal-1_S_07.wvc	0.9	375	1	10	Single	—
TestSignal-1_S_08.wvc	2.1	720	1	10	Single	—
TestSignal-1_S_09.wvc	2.0	640	1	10	Single	—
TestSignal-1_S_10.wvc	3.5	250	1	10	Single	—
TestSignal-1_S_11.wvc	4.7	288	1	10	Single	—
TestSignal-1_S_12.wvc	0.5	500	1	10	Single	—
TestSignal-1_S_13.wvc	1.2	1000	1	10	Single	—
TestSignal-1_S_14.wvc	1.3	480	1	10	Single	—
TestSignal-1_S_15.wvc	3.6	360	1	10	Single	—
TestSignal-1_S_16.wvc	4.5	320	1	10	Single	—
TestSignal-1_S_17.wvc	2.4	750	1	10	Single	—
TestSignal-1_S_18.wvc	1.6	450	1	10	Single	—
TestSignal-1_S_19.wvc	2.2	600	1	10	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #1						
For Non-5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-1_M_00.wvc	4.6	576	1	10	Multiple	58
TestSignal-1_M_01.wvc	4.8	200	1	10	Multiple	60
TestSignal-1_M_02.wvc	0.8	900	1	10	Multiple	56
TestSignal-1_M_03.wvc	1.9	384	1	10	Multiple	52
TestSignal-1_M_04.wvc	5.0	300	1	10	Multiple	48
TestSignal-1_M_05.wvc	2.8	800	1	10	Multiple	49
TestSignal-1_M_06.wvc	3.8	400	1	10	Multiple	55
TestSignal-1_M_07.wvc	0.9	375	1	10	Multiple	46
TestSignal-1_M_08.wvc	2.1	720	1	10	Multiple	53
TestSignal-1_M_09.wvc	2.0	640	1	10	Multiple	54
TestSignal-1_M_10.wvc	3.5	250	1	10	Multiple	51
TestSignal-1_M_11.wvc	4.7	288	1	10	Multiple	45
TestSignal-1_M_12.wvc	0.5	500	1	10	Multiple	57
TestSignal-1_M_13.wvc	1.2	1000	1	10	Multiple	50
TestSignal-1_M_14.wvc	1.3	480	1	10	Multiple	47
TestSignal-1_M_15.wvc	3.6	360	1	10	Multiple	59
TestSignal-1_M_16.wvc	4.5	320	1	10	Multiple	45
TestSignal-1_M_17.wvc	2.4	750	1	10	Multiple	57
TestSignal-1_M_18.wvc	1.6	450	1	10	Multiple	53
TestSignal-1_M_19.wvc	2.2	600	1	10	Multiple	55

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #1						
For 5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-1B_S_00.wvc	4.6	576	1	18	Single	—
TestSignal-1B_S_01.wvc	4.8	200	1	18	Single	—
TestSignal-1B_S_02.wvc	0.8	900	1	18	Single	—
TestSignal-1B_S_03.wvc	1.9	384	1	18	Single	—
TestSignal-1B_S_04.wvc	5.0	300	1	18	Single	—
TestSignal-1B_S_05.wvc	2.8	800	1	18	Single	—
TestSignal-1B_S_06.wvc	3.8	400	1	18	Single	—
TestSignal-1B_S_07.wvc	0.9	375	1	18	Single	—
TestSignal-1B_S_08.wvc	2.1	720	1	18	Single	—
TestSignal-1B_S_09.wvc	2.0	640	1	18	Single	—
TestSignal-1B_S_10.wvc	3.5	250	1	18	Single	—
TestSignal-1B_S_11.wvc	4.7	288	1	18	Single	—
TestSignal-1B_S_12.wvc	0.5	500	1	18	Single	—
TestSignal-1B_S_13.wvc	1.2	1000	1	18	Single	—
TestSignal-1B_S_14.wvc	1.3	480	1	18	Single	—
TestSignal-1B_S_15.wvc	3.6	360	1	18	Single	—
TestSignal-1B_S_16.wvc	4.5	320	1	18	Single	—
TestSignal-1B_S_17.wvc	2.4	750	1	18	Single	—
TestSignal-1B_S_18.wvc	1.6	450	1	18	Single	—
TestSignal-1B_S_19.wvc	2.2	600	1	18	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #1						
For 5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-1B_M_00.wvc	4.6	576	1	18	Multiple	562
TestSignal-1B_M_01.wvc	4.8	200	1	18	Multiple	540
TestSignal-1B_M_02.wvc	0.8	900	1	18	Multiple	597
TestSignal-1B_M_03.wvc	1.9	384	1	18	Multiple	483
TestSignal-1B_M_04.wvc	5.0	300	1	18	Multiple	489
TestSignal-1B_M_05.wvc	2.8	800	1	18	Multiple	545
TestSignal-1B_M_06.wvc	3.8	400	1	18	Multiple	508
TestSignal-1B_M_07.wvc	0.9	375	1	18	Multiple	516
TestSignal-1B_M_08.wvc	2.1	720	1	18	Multiple	492
TestSignal-1B_M_09.wvc	2.0	640	1	18	Multiple	553
TestSignal-1B_M_10.wvc	3.5	250	1	18	Multiple	487
TestSignal-1B_M_11.wvc	4.7	288	1	18	Multiple	594
TestSignal-1B_M_12.wvc	0.5	500	1	18	Multiple	503
TestSignal-1B_M_13.wvc	1.2	1000	1	18	Multiple	480
TestSignal-1B_M_14.wvc	1.3	480	1	18	Multiple	600
TestSignal-1B_M_15.wvc	3.6	360	1	18	Multiple	512
TestSignal-1B_M_16.wvc	4.5	320	1	18	Multiple	548
TestSignal-1B_M_17.wvc	2.4	750	1	18	Multiple	518
TestSignal-1B_M_18.wvc	1.6	450	1	18	Multiple	596
TestSignal-1B_M_19.wvc	2.2	600	1	18	Multiple	547

*: Single burst and Multi-burst are set as follows:

Single burst: The constant PRF based radar test signal is used for the single burst. Refer to Figure D.1 in ETSI EN301 893 V1.7.1.

Multi-burst: The multi-burst repeatedly outputs the same burst as the Constant PRF based radar test signal. Refer to Figure D.2 in ETSI EN301 893 V1.7.1.

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #2						
For Non-5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-2_S_00.wvc	12.6	480	1	15	Single	—
TestSignal-2_S_01.wvc	1.3	200	1	15	Single	—
TestSignal-2_S_02.wvc	14.4	320	1	15	Single	—
TestSignal-2_S_03.wvc	5.6	720	1	15	Single	—
TestSignal-2_S_04.wvc	15.0	384	1	15	Single	—
TestSignal-2_S_05.wvc	8.8	300	1	15	Single	—
TestSignal-2_S_06.wvc	13.7	225	1	15	Single	—
TestSignal-2_S_07.wvc	9.9	400	1	15	Single	—
TestSignal-2_S_08.wvc	8.2	900	1	15	Single	—
TestSignal-2_S_09.wvc	12.7	750	1	15	Single	—
TestSignal-2_S_10.wvc	5.0	250	1	15	Single	—
TestSignal-2_S_11.wvc	1.2	1125	1	15	Single	—
TestSignal-2_S_12.wvc	0.5	625	1	15	Single	—
TestSignal-2_S_13.wvc	10.2	1600	1	15	Single	—
TestSignal-2_S_14.wvc	9.6	576	1	15	Single	—
TestSignal-2_S_15.wvc	5.9	1200	1	15	Single	—
TestSignal-2_S_16.wvc	7.9	500	1	15	Single	—
TestSignal-2_S_17.wvc	7.8	600	1	15	Single	—
TestSignal-2_S_18.wvc	5.5	800	1	15	Single	—
TestSignal-2_S_19.wvc	9.8	288	1	15	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #2						
For Non-5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-2_M_00.wvc	12.6	480	1	15	Multiple	58
TestSignal-2_M_01.wvc	1.3	200	1	15	Multiple	60
TestSignal-2_M_02.wvc	14.4	320	1	15	Multiple	56
TestSignal-2_M_03.wvc	5.6	720	1	15	Multiple	52
TestSignal-2_M_04.wvc	15.0	384	1	15	Multiple	48
TestSignal-2_M_05.wvc	8.8	300	1	15	Multiple	49
TestSignal-2_M_06.wvc	13.7	225	1	15	Multiple	55
TestSignal-2_M_07.wvc	9.9	400	1	15	Multiple	46
TestSignal-2_M_08.wvc	8.2	900	1	15	Multiple	53
TestSignal-2_M_09.wvc	12.7	750	1	15	Multiple	54
TestSignal-2_M_10.wvc	5.0	250	1	15	Multiple	51
TestSignal-2_M_11.wvc	1.2	1125	1	15	Multiple	45
TestSignal-2_M_12.wvc	0.5	625	1	15	Multiple	57
TestSignal-2_M_13.wvc	10.2	1600	1	15	Multiple	50
TestSignal-2_M_14.wvc	9.6	576	1	15	Multiple	47
TestSignal-2_M_15.wvc	5.9	1200	1	15	Multiple	59
TestSignal-2_M_16.wvc	7.9	500	1	15	Multiple	45
TestSignal-2_M_17.wvc	7.8	600	1	15	Multiple	57
TestSignal-2_M_18.wvc	5.5	800	1	15	Multiple	53
TestSignal-2_M_19.wvc	9.8	288	1	15	Multiple	55

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #2						
For 5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-2B_S_00.wvc	12.6	480	1	18	Single	—
TestSignal-2B_S_01.wvc	1.3	200	1	18	Single	—
TestSignal-2B_S_02.wvc	14.4	320	1	18	Single	—
TestSignal-2B_S_03.wvc	5.6	720	1	18	Single	—
TestSignal-2B_S_04.wvc	15	384	1	18	Single	—
TestSignal-2B_S_05.wvc	8.8	300	1	18	Single	—
TestSignal-2B_S_06.wvc	13.7	225	1	18	Single	—
TestSignal-2B_S_07.wvc	9.9	400	1	18	Single	—
TestSignal-2B_S_08.wvc	8.2	900	1	18	Single	—
TestSignal-2B_S_09.wvc	12.7	750	1	18	Single	—
TestSignal-2B_S_10.wvc	5.0	250	1	18	Single	—
TestSignal-2B_S_11.wvc	1.2	1125	1	18	Single	—
TestSignal-2B_S_12.wvc	0.5	625	1	18	Single	—
TestSignal-2B_S_13.wvc	10.2	1600	1	18	Single	—
TestSignal-2B_S_14.wvc	9.6	576	1	18	Single	—
TestSignal-2B_S_15.wvc	5.9	1200	1	18	Single	—
TestSignal-2B_S_16.wvc	7.9	500	1	18	Single	—
TestSignal-2B_S_17.wvc	7.8	600	1	18	Single	—
TestSignal-2B_S_18.wvc	5.5	800	1	18	Single	—
TestSignal-2B_S_19.wvc	9.8	288	1	18	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #2						
For 5600 MHz – 5650 MHz						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-2B_M_00.wvc	12.6	480	1	18	Multiple	562
TestSignal-2B_M_01.wvc	1.3	200	1	18	Multiple	540
TestSignal-2B_M_02.wvc	14.4	320	1	18	Multiple	597
TestSignal-2B_M_03.wvc	5.6	720	1	18	Multiple	483
TestSignal-2B_M_04.wvc	15	384	1	18	Multiple	489
TestSignal-2B_M_05.wvc	8.8	300	1	18	Multiple	545
TestSignal-2B_M_06.wvc	13.7	225	1	18	Multiple	508
TestSignal-2B_M_07.wvc	9.9	400	1	18	Multiple	516
TestSignal-2B_M_08.wvc	8.2	900	1	18	Multiple	492
TestSignal-2B_M_09.wvc	12.7	750	1	18	Multiple	553
TestSignal-2B_M_10.wvc	5.0	250	1	18	Multiple	487
TestSignal-2B_M_11.wvc	1.2	1125	1	18	Multiple	594
TestSignal-2B_M_12.wvc	0.5	625	1	18	Multiple	503
TestSignal-2B_M_13.wvc	10.2	1600	1	18	Multiple	480
TestSignal-2B_M_14.wvc	9.6	576	1	18	Multiple	600
TestSignal-2B_M_15.wvc	5.9	1200	1	18	Multiple	512
TestSignal-2B_M_16.wvc	7.9	500	1	18	Multiple	548
TestSignal-2B_M_17.wvc	7.8	600	1	18	Multiple	518
TestSignal-2B_M_18.wvc	5.5	800	1	18	Multiple	596
TestSignal-2B_M_19.wvc	9.8	288	1	18	Multiple	547

*: Single burst and Multi-burst are set as follows:

Single burst: The constant PRF based radar test signal is used for the single burst. Refer to Figure D.1 in ETSI EN301 893 V1.7.1.

Multi-burst: The multi-burst repeatedly outputs the same burst as the Constant PRF based radar test signal. Refer to Figure D.2 in ETSI EN301 893 V1.7.1.

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #3						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-3_S_00.wvc	12.6	3200	1	25	Single	—
TestSignal-3_S_01.wvc	1.3	2500	1	25	Single	—
TestSignal-3_S_02.wvc	14.4	4000	1	25	Single	—
TestSignal-3_S_03.wvc	5.6	2560	1	25	Single	—
TestSignal-3_S_04.wvc	15	3750	1	25	Single	—
TestSignal-3_S_05.wvc	8.8	3000	1	25	Single	—
TestSignal-3_S_06.wvc	13.7	3125	1	25	Single	—
TestSignal-3_S_07.wvc	9.9	2400	1	25	Single	—
TestSignal-3_S_08.wvc	8.2	3840	1	25	Single	—
TestSignal-3_S_09.wvc	12.7	2400	1	25	Single	—
TestSignal-3_S_10.wvc	5.0	2560	1	25	Single	—
TestSignal-3_S_11.wvc	1.2	4000	1	25	Single	—
TestSignal-3_S_12.wvc	0.5	3125	1	25	Single	—
TestSignal-3_S_13.wvc	10.2	3750	1	25	Single	—
TestSignal-3_S_14.wvc	9.6	3840	1	25	Single	—
TestSignal-3_S_15.wvc	5.9	2500	1	25	Single	—
TestSignal-3_S_16.wvc	7.9	3000	1	25	Single	—
TestSignal-3_S_17.wvc	7.8	3200	1	25	Single	—
TestSignal-3_S_18.wvc	5.5	2560	1	25	Single	—
TestSignal-3_S_19.wvc	9.8	2500	1	25	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4						
Radar test signal #3						
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**
TestSignal-3_M_00.wvc	12.6	3200	1	25	Multiple	58
TestSignal-3_M_01.wvc	1.3	2500	1	25	Multiple	60
TestSignal-3_M_02.wvc	14.4	4000	1	25	Multiple	56
TestSignal-3_M_03.wvc	5.6	2560	1	25	Multiple	52
TestSignal-3_M_04.wvc	15	3750	1	25	Multiple	48
TestSignal-3_M_05.wvc	8.8	3000	1	25	Multiple	49
TestSignal-3_M_06.wvc	13.7	3125	1	25	Multiple	55
TestSignal-3_M_07.wvc	9.9	2400	1	25	Multiple	46
TestSignal-3_M_08.wvc	8.2	3840	1	25	Multiple	53
TestSignal-3_M_09.wvc	12.7	2400	1	25	Multiple	54
TestSignal-3_M_10.wvc	5	2560	1	25	Multiple	51
TestSignal-3_M_11.wvc	1.2	4000	1	25	Multiple	45
TestSignal-3_M_12.wvc	0.5	3125	1	25	Multiple	57
TestSignal-3_M_13.wvc	10.2	3750	1	25	Multiple	50
TestSignal-3_M_14.wvc	9.6	3840	1	25	Multiple	47
TestSignal-3_M_15.wvc	5.9	2500	1	25	Multiple	59
TestSignal-3_M_16.wvc	7.9	3000	1	25	Multiple	45
TestSignal-3_M_17.wvc	7.8	3200	1	25	Multiple	57
TestSignal-3_M_18.wvc	5.5	2560	1	25	Multiple	53
TestSignal-3_M_19.wvc	9.8	2500	1	25	Multiple	55

*: Single burst and Multi-burst are set as follows:

Single burst: The constant PRF based radar test signal is used for the single burst. Refer to Figure D.1 in ETSI EN301 893 V1.7.1.

Multi-burst: The multi-burst repeatedly outputs the same burst as the Constant PRF based radar test signal. Refer to Figure D.2 in ETSI EN301 893 V1.7.1.

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4							
Radar test signal #4							
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**	**Chirp Width [MHz]**
TestSignal-4_S_00.wvc	28.5	2880	1	20	Single	—	5
TestSignal-4_S_01.wvc	25.9	2500	1	20	Single	—	5
TestSignal-4_S_02.wvc	24.4	3000	1	20	Single	—	5
TestSignal-4_S_03.wvc	24.5	2250	1	20	Single	—	5
TestSignal-4_S_04.wvc	30.0	2000	1	20	Single	—	5
TestSignal-4_S_05.wvc	22.1	3600	1	20	Single	—	5
TestSignal-4_S_06.wvc	23.6	4000	1	20	Single	—	5
TestSignal-4_S_07.wvc	28.1	2400	1	20	Single	—	5
TestSignal-4_S_08.wvc	23.9	3200	1	20	Single	—	5
TestSignal-4_S_09.wvc	29.3	3750	1	20	Single	—	5
TestSignal-4_S_10.wvc	24.9	3125	1	20	Single	—	5
TestSignal-4_S_11.wvc	20.6	3200	1	20	Single	—	5
TestSignal-4_S_12.wvc	20.0	2400	1	20	Single	—	5
TestSignal-4_S_13.wvc	25.6	4000	1	20	Single	—	5
TestSignal-4_S_14.wvc	21.1	2880	1	20	Single	—	5
TestSignal-4_S_15.wvc	26.4	2000	1	20	Single	—	5
TestSignal-4_S_16.wvc	22.2	3000	1	20	Single	—	5
TestSignal-4_S_17.wvc	28.0	2250	1	20	Single	—	5
TestSignal-4_S_18.wvc	23.5	3600	1	20	Single	—	5
TestSignal-4_S_19.wvc	21.5	3125	1	20	Single	—	5

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4							
Radar test signal #4							
File name	**Pulse Width [μ second]**	**Pulse Repetition Frequency [Hz](PRF)**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Burst Repetition Frequency [s]**	**Chirp Width [MHz]**
TestSignal-4_M_00.wvc	28.5	2880	1	20	Multiple	58	5
TestSignal-4_M_01.wvc	25.9	2500	1	20	Multiple	60	5
TestSignal-4_M_02.wvc	24.4	3000	1	20	Multiple	56	5
TestSignal-4_M_03.wvc	24.5	2250	1	20	Multiple	52	5
TestSignal-4_M_04.wvc	30.0	2000	1	20	Multiple	48	5
TestSignal-4_M_05.wvc	22.1	3600	1	20	Multiple	49	5
TestSignal-4_M_06.wvc	23.6	4000	1	20	Multiple	55	5
TestSignal-4_M_07.wvc	28.1	2400	1	20	Multiple	46	5
TestSignal-4_M_08.wvc	23.9	3200	1	20	Multiple	53	5
TestSignal-4_M_09.wvc	29.3	3750	1	20	Multiple	54	5
TestSignal-4_M_10.wvc	24.9	3125	1	20	Multiple	51	5
TestSignal-4_M_11.wvc	20.6	3200	1	20	Multiple	45	5
TestSignal-4_M_12.wvc	20.0	2400	1	20	Multiple	57	5
TestSignal-4_M_13.wvc	25.6	4000	1	20	Multiple	50	5
TestSignal-4_M_14.wvc	21.1	2880	1	20	Multiple	47	5
TestSignal-4_M_15.wvc	26.4	2000	1	20	Multiple	59	5
TestSignal-4_M_16.wvc	22.2	3000	1	20	Multiple	45	5
TestSignal-4_M_17.wvc	28.0	2250	1	20	Multiple	57	5
TestSignal-4_M_18.wvc	23.5	3600	1	20	Multiple	53	5
TestSignal-4_M_19.wvc	21.5	3125	1	20	Multiple	55	5

*: Single burst and Multi-burst are set as follows:

Single burst: The constant PRF based radar test signal is used for the single burst. Refer to Figure D.1 in ETSI EN301 893 V1.7.1.

Multi-burst: The multi-burst repeatedly outputs the same burst as the Constant PRF based radar test signal. Refer to Figure D.2 in ETSI EN301 893 V1.7.1.

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #5								
For Non-5600 MHz – 5650 MHz								
File name	Pulse Width [μ second]	PRF1 [Hz]	PRF2 [Hz]	PRF3 [Hz]	Type of Different PRF	Pulse Count per PRF Within One Burst	Burst Type*	Pulse Repetition Frequency [s]
TestSignal-5_S_00.wvc	1.4	384	360	—	2	10	Single	—
TestSignal-5_S_01.wvc	1.9	320	360	400	3	10	Single	—
TestSignal-5_S_02.wvc	2.0	400	350	—	2	10	Single	—
TestSignal-5_S_03.wvc	1.5	360	320	300	3	10	Single	—
TestSignal-5_S_04.wvc	0.5	400	375	—	2	10	Single	—
TestSignal-5_S_05.wvc	1.7	384	360	320	3	10	Single	—
TestSignal-5_S_06.wvc	1.0	360	320	—	2	10	Single	—
TestSignal-5_S_07.wvc	0.9	400	360	320	3	10	Single	—
TestSignal-5_S_08.wvc	1.6	400	352	—	2	10	Single	—
TestSignal-5_S_09.wvc	0.7	400	350	320	3	10	Single	—
TestSignal-5_S_10.wvc	1.8	320	360	384	3	10	Single	—
TestSignal-5_S_11.wvc	0.8	320	300	—	2	10	Single	—
TestSignal-5_S_12.wvc	1.2	360	384	—	2	10	Single	—
TestSignal-5_S_13.wvc	1.3	400	352	320	3	10	Single	—
TestSignal-5_S_14.wvc	1.1	320	352	—	2	10	Single	—
TestSignal-5_S_15.wvc	0.6	300	320	360	3	10	Single	—
TestSignal-5_S_16.wvc	1.5	320	360	—	2	10	Single	—
TestSignal-5_S_17.wvc	1.6	320	352	400	3	10	Single	—
TestSignal-5_S_18.wvc	0.7	320	350	—	2	10	Single	—
TestSignal-5_S_19.wvc	2.0	320	350	400	3	10	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #5								
For Non-5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-5_M_00.wvc	1.4	384	360	—	2	10	Multiple	50
TestSignal-5_M_01.wvc	1.9	320	360	400	3	10	Multiple	49
TestSignal-5_M_02.wvc	2.0	400	350	—	2	10	Multiple	46
TestSignal-5_M_03.wvc	1.5	360	320	300	3	10	Multiple	53
TestSignal-5_M_04.wvc	0.5	400	375	—	2	10	Multiple	48
TestSignal-5_M_05.wvc	1.7	384	360	320	3	10	Multiple	60
TestSignal-5_M_06.wvc	1.0	360	320	—	2	10	Multiple	45
TestSignal-5_M_07.wvc	0.9	400	360	320	3	10	Multiple	59
TestSignal-5_M_08.wvc	1.6	400	352	—	2	10	Multiple	58
TestSignal-5_M_09.wvc	0.7	400	350	320	3	10	Multiple	51
TestSignal-5_M_10.wvc	1.8	320	360	384	3	10	Multiple	56
TestSignal-5_M_11.wvc	0.8	320	300	—	2	10	Multiple	47
TestSignal-5_M_12.wvc	1.2	360	384	—	2	10	Multiple	55
TestSignal-5_M_13.wvc	1.3	400	352	320	3	10	Multiple	57
TestSignal-5_M_14.wvc	1.1	320	352	—	2	10	Multiple	54
TestSignal-5_M_15.wvc	0.6	300	320	360	3	10	Multiple	52
TestSignal-5_M_16.wvc	1.6	320	360	—	2	10	Multiple	51
TestSignal-5_M_17.wvc	2.0	320	352	400	3	10	Multiple	58
TestSignal-5_M_18.wvc	0.7	320	350	—	2	10	Multiple	50
TestSignal-5_M_19.wvc	2.0	320	350	400	3	10	Multiple	52

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #5								
For 5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-5B_S_00.wvc	1.4	384	360	—	2	18	Single	—
TestSignal-5B_S_01.wvc	1.9	320	360	400	3	18	Single	—
TestSignal-5B_S_02.wvc	2.0	400	350	—	2	18	Single	—
TestSignal-5B_S_03.wvc	1.5	360	320	300	3	18	Single	—
TestSignal-5B_S_04.wvc	0.5	400	375	—	2	18	Single	—
TestSignal-5B_S_05.wvc	1.7	384	360	320	3	18	Single	—
TestSignal-5B_S_06.wvc	1.0	360	320	—	2	18	Single	—
TestSignal-5B_S_07.wvc	0.9	400	360	320	3	18	Single	—
TestSignal-5B_S_08.wvc	1.6	400	352	—	2	18	Single	—
TestSignal-5B_S_09.wvc	0.7	400	350	320	3	18	Single	—
TestSignal-5B_S_10.wvc	1.8	320	360	384	3	18	Single	—
TestSignal-5B_S_11.wvc	0.8	320	300	—	2	18	Single	—
TestSignal-5B_S_12.wvc	1.2	360	384	—	2	18	Single	—
TestSignal-5B_S_13.wvc	1.3	400	352	320	3	18	Single	—
TestSignal-5B_S_14.wvc	1.1	320	352	—	2	18	Single	—
TestSignal-5B_S_15.wvc	0.6	300	320	360	3	18	Single	—
TestSignal-5B_S_16.wvc	1.5	320	360	—	2	18	Single	—
TestSignal-5B_S_17.wvc	1.6	320	352	400	3	18	Single	—
TestSignal-5B_S_18.wvc	0.7	320	350	—	2	18	Single	—
TestSignal-5B_S_19.wvc	2.0	320	350	400	3	18	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #5								
For 5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-5B_M_00.wvc	1.4	384	360	—	2	18	Multiple	587
TestSignal-5B_M_01.wvc	1.9	320	360	400	3	18	Multiple	573
TestSignal-5B_M_02.wvc	2.0	400	350	—	2	18	Multiple	543
TestSignal-5B_M_03.wvc	1.5	360	320	300	3	18	Multiple	491
TestSignal-5B_M_04.wvc	0.5	400	375	—	2	18	Multiple	497
TestSignal-5B_M_05.wvc	1.7	384	360	320	3	18	Multiple	480
TestSignal-5B_M_06.wvc	1.0	360	320	—	2	18	Multiple	596
TestSignal-5B_M_07.wvc	0.9	400	360	320	3	18	Multiple	536
TestSignal-5B_M_08.wvc	1.6	400	352	—	2	18	Multiple	519
TestSignal-5B_M_09.wvc	0.7	400	350	320	3	18	Multiple	482
TestSignal-5B_M_10.wvc	1.8	320	360	384	3	18	Multiple	578
TestSignal-5B_M_11.wvc	0.8	320	300	—	2	18	Multiple	566
TestSignal-5B_M_12.wvc	1.2	360	384	—	2	18	Multiple	558
TestSignal-5B_M_13.wvc	1.3	400	352	320	3	18	Multiple	511
TestSignal-5B_M_14.wvc	1.1	320	352	—	2	18	Multiple	559
TestSignal-5B_M_15.wvc	0.6	300	320	360	3	18	Multiple	489
TestSignal-5B_M_16.wvc	1.6	320	360	—	2	18	Multiple	598
TestSignal-5B_M_17.wvc	2.0	320	352	400	3	18	Multiple	589
TestSignal-5B_M_18.wvc	0.7	320	350	—	2	18	Multiple	492
TestSignal-5B_M_19.wvc	2.0	320	350	400	3	18	Multiple	600

*: Single burst and Multi-burst are set as follows:

Single burst: Single-pulse-based staggered PRF radar test signal. Refer to Figure D.3 in ETSI EN301 893 V1.7.1.

Multi-burst: Packet-based staggered PRF based radar test signal. Refer to Figure D.4 and D.5 in ETSI EN301 893 V1.7.1.

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #6								
For Non-5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-6_S_00.wvc	1.4	650	500	–	2	15	Single	—
TestSignal-6_S_01.wvc	1.9	450	720	1000	3	15	Single	—
TestSignal-6_S_02.wvc	2.0	600	720	–	2	15	Single	—
TestSignal-6_S_03.wvc	1.5	1000	768	400	3	15	Single	—
TestSignal-6_S_04.wvc	0.5	600	512	–	2	15	Single	—
TestSignal-6_S_05.wvc	1.7	768	600	400	3	15	Single	—
TestSignal-6_S_06.wvc	1.0	750	512	–	2	15	Single	—
TestSignal-6_S_07.wvc	0.9	576	800	960	3	15	Single	—
TestSignal-6_S_08.wvc	1.6	800	625	–	2	15	Single	—
TestSignal-6_S_09.wvc	0.7	1000	750	512	3	15	Single	—
TestSignal-6_S_10.wvc	1.8	800	720	600	3	15	Single	—
TestSignal-6_S_11.wvc	0.8	480	750	–	2	15	Single	—
TestSignal-6_S_12.wvc	1.2	640	500	–	2	15	Single	—
TestSignal-6_S_13.wvc	1.3	880	625	500	3	15	Single	—
TestSignal-6_S_14.wvc	1.1	800	640	–	2	15	Single	—
TestSignal-6_S_15.wvc	0.6	400	520	832	3	15	Single	—
TestSignal-6_S_16.wvc	1.5	640	896	–	2	15	Single	—
TestSignal-6_S_17.wvc	1.6	900	640	500	3	15	Single	—
TestSignal-6_S_18.wvc	0.7	576	720	–	2	15	Single	—
TestSignal-6_S_19.wvc	2.0	400	650	1040	3	15	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #6								
For Non-5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-6_M_00.wvc	1.4	650	500	–	2	15	Multiple	50
TestSignal-6_M_01.wvc	1.9	450	720	1000	3	15	Multiple	49
TestSignal-6_M_02.wvc	2.0	600	720	–	2	15	Multiple	46
TestSignal-6_M_03.wvc	1.5	1000	768	400	3	15	Multiple	53
TestSignal-6_M_04.wvc	0.5	600	512	–	2	15	Multiple	48
TestSignal-6_M_05.wvc	1.7	768	600	400	3	15	Multiple	60
TestSignal-6_M_06.wvc	1.0	750	512	–	2	15	Multiple	45
TestSignal-6_M_07.wvc	0.9	576	800	960	3	15	Multiple	59
TestSignal-6_M_08.wvc	1.6	800	625	–	2	15	Multiple	58
TestSignal-6_M_09.wvc	0.7	1000	750	512	3	15	Multiple	51
TestSignal-6_M_10.wvc	1.8	800	720	600	3	15	Multiple	56
TestSignal-6_M_11.wvc	0.8	480	750	–	2	15	Multiple	47
TestSignal-6_M_12.wvc	1.2	640	500	–	2	15	Multiple	55
TestSignal-6_M_13.wvc	1.3	880	625	500	3	15	Multiple	57
TestSignal-6_M_14.wvc	1.1	800	640	–	2	15	Multiple	54
TestSignal-6_M_15.wvc	0.6	400	520	832	3	15	Multiple	52
TestSignal-6_M_16.wvc	1.5	640	896	–	2	15	Multiple	51
TestSignal-6_M_17.wvc	1.6	900	640	500	3	15	Multiple	58
TestSignal-6_M_18.wvc	0.7	576	720	–	2	15	Multiple	50
TestSignal-6_M_19.wvc	2.0	400	650	1040	3	15	Multiple	52

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #6								
For 5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-6B_S_00.wvc	1.4	650	500	–	2	18	Single	—
TestSignal-6B_S_01.wvc	1.9	450	720	1000	3	18	Single	—
TestSignal-6B_S_02.wvc	2.0	600	720	–	2	18	Single	—
TestSignal-6B_S_03.wvc	1.5	1000	768	400	3	18	Single	—
TestSignal-6B_S_04.wvc	0.5	600	512	–	2	18	Single	—
TestSignal-6B_S_05.wvc	1.7	768	600	400	3	18	Single	—
TestSignal-6B_S_06.wvc	1.0	750	512	–	2	18	Single	—
TestSignal-6B_S_07.wvc	0.9	576	800	960	3	18	Single	—
TestSignal-6B_S_08.wvc	1.6	800	625	–	2	18	Single	—
TestSignal-6B_S_09.wvc	0.7	1000	750	512	3	18	Single	—
TestSignal-6B_S_10.wvc	1.8	800	720	600	3	18	Single	—
TestSignal-6B_S_11.wvc	0.8	480	750	–	2	18	Single	—
TestSignal-6B_S_12.wvc	1.2	640	500	–	2	18	Single	—
TestSignal-6B_S_13.wvc	1.3	880	625	500	3	18	Single	—
TestSignal-6B_S_14.wvc	1.1	800	640	–	2	18	Single	—
TestSignal-6B_S_15.wvc	0.6	400	520	832	3	18	Single	—
TestSignal-6B_S_16.wvc	1.5	640	896	–	2	18	Single	—
TestSignal-6B_S_17.wvc	1.6	900	640	500	3	18	Single	—
TestSignal-6B_S_18.wvc	0.7	576	720	–	2	18	Single	—
TestSignal-6B_S_19.wvc	2.0	400	650	1040	3	18	Single	—

Table B-2 Waveform Pattern Parameter List (Continued)

Table D.4								
Radar test signal #6								
For 5600 MHz – 5650 MHz								
File name	**Pulse Width [μ second]**	**PRF1 [Hz]**	**PRF2 [Hz]**	**PRF3 [Hz]**	**Type of Different PRF**	**Pulse Count per PRF Within One Burst**	**Burst Type***	**Pulse Repetition Frequency [s]**
TestSignal-6B_M_00.wvc	1.4	650	500	–	2	18	Multiple	587
TestSignal-6B_M_01.wvc	1.9	450	720	1000	3	18	Multiple	573
TestSignal-6B_M_02.wvc	2.0	600	720	–	2	18	Multiple	543
TestSignal-6B_M_03.wvc	1.5	1000	768	400	3	18	Multiple	491
TestSignal-6B_M_04.wvc	0.5	600	512	–	2	18	Multiple	497
TestSignal-6B_M_05.wvc	1.7	768	600	400	3	18	Multiple	480
TestSignal-6B_M_06.wvc	1.0	750	512	–	2	18	Multiple	596
TestSignal-6B_M_07.wvc	0.9	576	800	960	3	18	Multiple	536
TestSignal-6B_M_08.wvc	1.6	800	625	–	2	18	Multiple	519
TestSignal-6B_M_09.wvc	0.7	1000	750	512	3	18	Multiple	482
TestSignal-6B_M_10.wvc	1.8	800	720	600	3	18	Multiple	578
TestSignal-6B_M_11.wvc	0.8	480	750	–	2	18	Multiple	566
TestSignal-6B_M_12.wvc	1.2	640	500	–	2	18	Multiple	558
TestSignal-6B_M_13.wvc	1.3	880	625	500	3	18	Multiple	511
TestSignal-6B_M_14.wvc	1.1	800	640	–	2	18	Multiple	559
TestSignal-6B_M_15.wvc	0.6	400	520	832	3	18	Multiple	489
TestSignal-6B_M_16.wvc	1.5	640	896	–	2	18	Multiple	598
TestSignal-6B_M_17.wvc	1.6	900	640	500	3	18	Multiple	589
TestSignal-6B_M_18.wvc	0.7	576	720	–	2	18	Multiple	492
TestSignal-6B_M_19.wvc	2.0	400	650	1040	3	18	Multiple	600

*: Single burst and Multi-burst are set as follows:

Single burst: Single-pulse-based staggered PRF radar test signal. Refer to Figure D.3 in ETSI EN301 893 V1.7.1.

Multi-burst: Packet-based staggered PRF based radar test signal. Refer to Figure D.4 and D.5 in ETSI EN301 893 V1.7.1.