UNIFIED COMPLIANCE LABORATORY

427 West 12800 South
Draper, UT 84020

Test Report

Certification

FCC ID	SWX-GBE
Equipment Under Test	GigaBeam
Test Report Serial Number	TR4003_01
Date of Test(s)	16 February, 7 March and 17 March 2020
Report Issue Date	24 April 2020

Test Specification	Applicant
47 CFR FCC Part 15, Subpart E	Ubiquiti Inc. 685 Third Avenue New York, NY 10019 U.S.A.

NVLAP® TESTING ilac-MRA

NVLAP LAB CODE 600241-0

Certification of Engineering Report

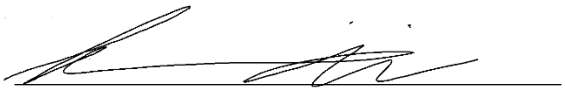
This report has been prepared by Unified Compliance Laboratory (UCL) to document compliance of the device described below with the requirement of Federal Communication Commissions (FCC) Part 15, Subpart E. This report may be reproduced in full. Partial reproduction of this report may only be made with the written consent of the laboratory. The results in this report apply only to the sample tested.

Applicant	Ubiquiti Inc.
Manufacturer	Ubiquiti Inc.
Brand Name	Ubiquiti
Model Number	GigaBeam
FCC ID	SWX-GBE
ISED ID	6545A-GBE

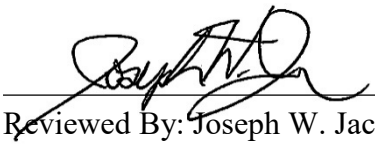
On this 24th day of April 2020, I individually and for Unified Compliance Laboratory certify that the statements made in this engineering report are true, complete and correct to the best of my knowledge and are made in good faith.

Although NVLAP has accredited the Unified Compliance Laboratory testing facilities, this report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

Unified Compliance Laboratory



Written By: Alex Macon



Reviewed By: Joseph W. Jackson

Revision History		
Revision	**Description**	**Date**
01	Original Report Release	24 April 2020
02	Updated to Master device	29 April 2020

Table of Contents

1 Client Information

1.1 Applicant

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Mark Feil
Title	Compliance Manager

1.2 Manufacturer

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Mark Feil
Title	Compliance Manager

2 Equipment Under Test (EUT)

2.1 Identification of EUT

Brand Name	Ubiquiti
Model Number	GigaBeam
Serial Number	NA
Dimensions (cm)	14 14 14 14 14

2.2 Description of EUT

The GBE is a fixed point-to-point or point to multiple point transceiver, intended for outdoor use, operating in the UNII-1, UNII-2A, UNII-2C and UNII-3 frequency bands. The GBE also operates in the 57 GHz to 66 GHz range. A Bluetooth LE transceiver is included for device management. An Ethernet port is used for data transfer and to provide power using a POE-24V-5X-HD PoE supply. The EUT uses an integral antenna. The maximum gain of the antenna in the UNII bands is 10 dBi. The antenna is not user replaceable.

Band	Modulation Bandwidth	Frequency (MHz)
UNII-2A	20 MHz	5260, 5265, 5270, 5275, 5280, 5285, 5290, 5295, 5300, 5305, 5310, 5315, 5320, 5325, 5330
	40 MHz	5270, 5275, 5280, 5285, 5290, 5295, 5300, 5305, 5310, 5315, 5320
	80 MHz	5290, 5295, 5300
UNII-2C		
	20 MHz	5485, 5490, 5495, 5500, 5505, 5510, 5515, 5520, 5525, 5530, 5535, 5540, 5545, 5550, 5555, 5560, 5565, 5570, 5575, 5580, 5585, 5590, 5595, 5600, 5605, 5610, 5615, 5620, 5625, 5630, 5635, 5640, 5645, 5650, 5655, 5660, 5665, 5670, 5675, 5680, 5685, 5690, 5695, 5700, 5705, 5710
	40 MHz	5500, 5505, 5510, 5515, 5520, 5525, 5530, 5535, 5540, 5545, 5550, 5555, 5560, 5565, 5570, 5575, 5580, 5585, 5590, 5595, 5600, 5605, 5610, 5615, 5620, 5625, 5630, 5635, 5640, 5645, 5650, 5655, 5660, 5665, 5670, 5675, 5680, 5685, 5700
	80 MHz	5520, 5525, 5530, 5535, 5540, 5545, 5550, 5555, 5560, 5565, 5570, 5575, 5580, 5585, 5590, 5595, 5600, 5605, 5610, 5615, 5620, 5625, 5630, 5635, 5640, 5645, 5650, 5655, 5660, 5665, 5670, 5675, 5680, 5685, 5690

This report covers the circuitry of the device subject to FCC Part 15, Subpart E. The circuitry of the device subject to FCC Part 15 Subpart B was found to be compliant and is covered under Unified Compliance Laboratory report.

2.3 EUT and Support Equipment

The EUT and support equipment used during the test are listed below.

Brand Name Model Number Serial Number	Description	Name of Interface Ports / Interface Cables
BN: GigaBeam MN: GBE (Note 1) SN: None	Point to Point / Point-to-Multi-Point Transceiver	See section 2.4
BN: Ubiquiti MN: POE-24V-5X-HD (Note 1) SN: None	PoE Power Supply	See section 2.4
BN: Dell MN: XPS SN: None	Laptop Computer	Ethernet Non-Shielded Cat 5e to PoE PSU

Notes: (1) EUT
(2) Interface port connected to EUT (See Section 2.4)

The support equipment listed above was not modified in order to achieve compliance with this standard.

2.4 Interface Ports on EUT

Name of Ports	No. of Ports Fitted to EUT	Cable Description/Length
POE-Data	1	Shielded Cat 5e cable/8 meters
AC (PoE Injector)	1	3 conductor power cord/80 cm
Lan (PoE Injector)	1	Un-Shielded Cat 5e cable/1 meters

2.5 Operating Environment

Power Supply	24 Volt POE Powered
AC Mains Frequency	50/60 Hz
Temperature	20.8 – 22.4 ºC
Humidity	20.5 – 26.8%
Barometric Pressure	1009 mBar

2.6 Operating Modes

The transmitter was tested while the UNII transceiver was in constant transmit mode at the upper, middle, and lower channels for each modulation bandwidth and frequency band. The Bluetooth LE transceiver active while testing the UNII transceiver to assess any transmitter interactions. All included tests, unless otherwise state, were perform while in PTP mode to ensure worst case results.

2.7 EUT Exercise Software

Ubiquiti test software and firmware were used to control the transceivers of the EUT (ART).

2.8 Block Diagram of Test Configuration

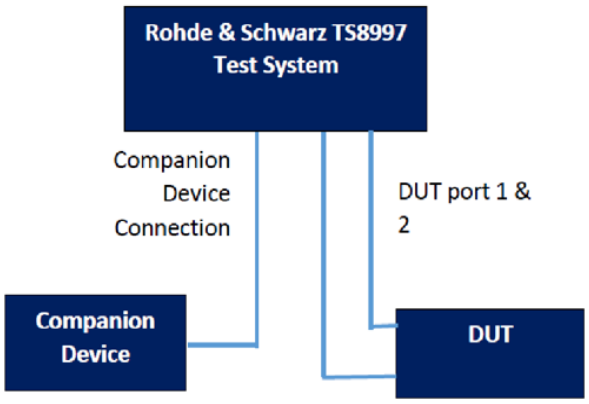


Diagram 1: Test Configuration Block Diagram

2.9 Modification Incorporated/Special Accessories on EUT

There were no modifications made to the EUT during testing to comply with the specification.

2.10 Deviation, Opinions Additional Information or Interpretations from Test Standard

There were no deviations, opinions, additional information or interpretations from the test specification.

3 Test Specification, Method and Procedures

3.1 Test Specification

Title	47 CFR FCC Part 15, Subpart E, Section 15.407 Limits and methods of measurement of radio interference characteristics of Unlicensed National Information Infrastructure Devices
Purpose of Test	The tests were performed to demonstrate initial compliance

3.2 Methods & Procedures

3.2.1 47 CFR FCC Part 15 Section 15.407

See test standard for details.

3.3 FCC Part 15, Subpart E

3.3.1 Summary of Tests

FCC Section	IC Section	Environmental Phenomena	Frequency Range (MHZ)	Result
15.407(h)	RSS-247 §6.3	DFS Requirements	5150 to 5875	Compliant
The testing was performed according to the procedures in ANSI C63.10-2013, KDB 789033, KDB 905462 and 47 CFR Part 15.				

3.4 Results

In the configuration tested, the EUT complied with the requirements of the specification.

3.5 Test Location

Testing was performed at the Unified Compliance Laboratory facility located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2020.

4 Test Equipment

4.1 Direct Connect at the Antenna Port Tests

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
Spectrum Analyzer	R&S	FSV40	UCL-2861	06/12/2019	06/12/2020
Signal Generator	R&S	SMB100A	UCL-2864	N/A	N/A
Vector Signal Generator	R&S	SMBV100A	UCL-2873	N/A	N/A
Switch Extension	R&S	OSP-B157WX	UCL-2867	06/13/2019	06/13/2020
Switch Extension	R&S	OSP-150W	UCL-2870	06/14/2019	06/14/2020
Double Ridge Horn Antenna	Scwarzbeck	BBHA 9120D	UCL-3065	4/11/2019	6/3/2020
Log Periodic	Scwarzbeck	STLP 9129	UCL-3068	4/11/2019	6/3/2020
15 - 40 GHz Horn Antenna	Scwarzbeck	BBHA 9170	UCL-2487	2/15/2017	4/16/2020
18 – 40 GHz Amplifier	Scwarzbeck	BBV 9721	UCL-2490	4/1/2019	4/1/2020
0.5 – 18 GHz Amplifier	Scwarzbeck	BBV 9718C	UCL-2493	4/1/2019	4/1/2020

Table 1:List of equipment used for Direct Connect at the Antenna Port

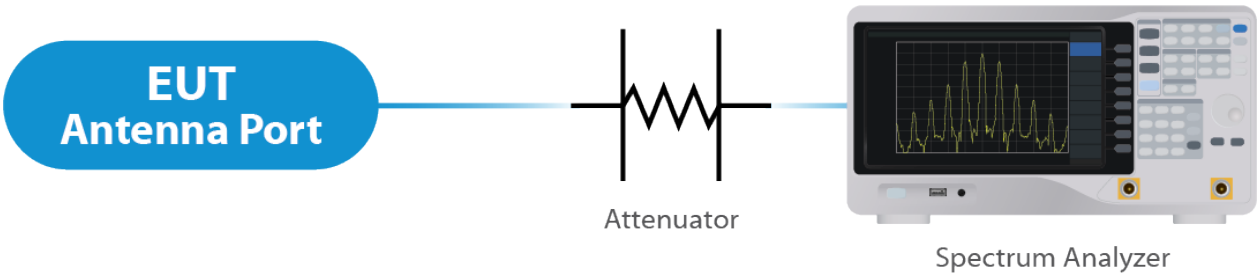


Figure 1: Direct Connect at the Antenna Port Test

4.2 Equipment Calibration

All applicable equipment is calibrated using either an independent calibration laboratory or Unified Compliance Laboratory personnel at intervals defined in ANSI C63.4:2014 following outlined calibration procedures. All measurement instrumentation is traceable to the National Institute of Standards and Technology (NIST). Supporting documentation relative to traceability is on file and is available for examination upon request.

4.3 Measurement Uncertainty

Test	Uncertainty (± dB)	Confidence (%)
Conducted Emissions	1.44	95
Radiated Emissions (9 kHz to 30 MHz)	2.50	95
Radiated Emissions (30 MHz to 1 GHz)	3.95	95
Radiated Emissions (1 GHz to 18 GHz)	5.56	95
Radiated Emissions (18 GHz to 40 GHz)	5.16	95
Direct Connect Tests	**K Factor**	**Value**
Emissions Bandwidth	2	2.0%
Output Power	2	1.0 dB
Peak Power Spectral Density	2	1.3 dB
Band Edge	2	0.8 dB
Transmitter Spurious Emissions	2	1.8 dB

5 Test Results

5.1 DFS Requirement

This product is a master with radar detection. The outcome of the required DFS tests is located in the DFS Annex. The product passes all required DFS tests for a client without radar detection. All information on DFS Detection Threshold and radar waveforms is located within the DFS Annex,

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not Required	Yes
DFS Detection Threshold	Yes	Not Required	Yes
Channel Availability Check Time	Yes	Not Required	Not Required
U-NII Detection Bandwidth	Yes	Not Required	Yes

Requirement	Operational Mode	
	Master Client Without Radar Detection	Client With Radar Detection
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

-- End of Test Report --

FCC 15.407 DFS Annex

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
DFS U-NII Detection Bandwidth	5600.000	30.0	16.400000	PASS
DFS U-NII Detection Bandwidth	5600.000	30.0	35.500000	PASS
DFS Channel Availability Check	5600.000	30.0	75.500000	PASS
DFS In-Service Monitoring	5600.000	30.0	75.500000	PASS
DFS U-NII Detection Bandwidth	5600.000	30.0	75.500000	PASS

DFS U-NII Detection Bandwidth (5600 MHz; 30.000 dBm; 20 MHz)

Customized settings.

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result	Overall Comment
5600.000000	0	20.000000	16.400000	PASS	

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5585.000000	0 of 10	0 %	90%	FAIL	
5589.000000	0 of 10	0 %	90%	FAIL	
5590.000000	10 of 10	100 %	90%	PASS	Lower Limit
5595.000000	10 of 10	100 %	90%	PASS	
5600.000000	10 of 10	100 %	90%	PASS	
5605.000000	10 of 10	100 %	90%	PASS	
5610.000000	10 of 10	100 %	90%	PASS	Upper Limit
5611.000000	0 of 10	0 %	90%	FAIL	
5615.000000	0 of 10	0 %	90%	FAIL	

Radar level verification

Description / Formula	Value	Unit
IF(({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF(({Configured PSD[dBm]}<10) , -62 , -64))+ {Attenuation Vector Generator to DUT[dB]} , -50+ {Attenuation Vector Generator to COMP[dB]})+ {Radar Signal Level Offset[dB]}	Given setting / formula to calculate Vector Generator level	--
Configured DUT EIRP:	1000.00	mW
Configured DUT PSD:	3.40	dBm/MHz
Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3	-64	dBm
Vector Generator level setting	-3.54	dBm
Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable	59.46	dB
Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2	1.00	dB
This results in the following radar signal level at the DUT	-63.00	dBm

U-NII Detection Bandwidth Sweep

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001

Setting	Instrument Value	Target Value
Sweeptime	12.000 s	12.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	0.000 s	0.000 s

OSP Video Detector

Setting	Instrument Value	Target Value
Measurement Time	12.000 s	12.000 s
Samplerate	2500 kHz	2500 kHz
Tracepoints	30000000	30000000
Time resolution	4.000 µs	4.000 µs
Detector	Peak	Peak

DFS U-NII Detection Bandwidth (5600 MHz; 30.000 dBm; 40 MHz)

Customized settings.

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result	Overall Comment
5600.000000	0	40.000000	35.500000	PASS	

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5575.000000	0 of 10	0 %	90%	FAIL	
5579.000000	0 of 10	0 %	90%	FAIL	
5580.000000	10 of 10	100 %	90%	PASS	Lower Limit
5585.000000	10 of 10	100 %	90%	PASS	
5590.000000	10 of 10	100 %	90%	PASS	
5595.000000	10 of 10	100 %	90%	PASS	
5600.000000	10 of 10	100 %	90%	PASS	
5605.000000	10 of 10	100 %	90%	PASS	
5610.000000	10 of 10	100 %	90%	PASS	
5615.000000	10 of 10	100 %	90%	PASS	
5620.000000	10 of 10	100 %	90%	PASS	Upper Limit
5621.000000	0 of 10	0 %	90%	FAIL	
5625.000000	0 of 10	0 %	90%	FAIL	

Radar level verification

Description / Formula	Value	Unit
IF(({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF(({Configured PSD[dBm]}<10) , -62 , -64))+ {Attenuation Vector Generator to DUT[dB]} , -50+ {Attenuation Vector Generator to COMP[dB]})+ {Radar Signal Level Offset[dB]}	Given setting / formula to calculate Vector Generator level	--
Configured DUT EIRP:	1000.00	mW
Configured DUT PSD:	2.20	dBm/MHz
Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3	-64	dBm
Vector Generator level setting	-3.54	dBm
Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable	59.46	dB
Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2	1.00	dB
This results in the following radar signal level at the DUT	-63.00	dBm

U-NII Detection Bandwidth Sweep

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz

Setting	Instrument Value	Target Value
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001
Sweeptime	12.000 s	12.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	0.000 s	0.000 s

OSP Video Detector

Setting	Instrument Value	Target Value
Measurement Time	12.000 s	12.000 s
Samplerate	2500 kHz	2500 kHz
Tracepoints	30000000	30000000
Time resolution	4.000 µs	4.000 µs
Detector	Peak	Peak

DFS Channel Availability Check (5600 MHz; 30.000 dBm; 80 MHz)

Measurement Summary

DUT Frequency (MHz)	Radar Waveform Filename used	CAC Type	Overall Result	Overall Comment
5600.000000	FCC15407_2014-Type0-18.wv	Begin of CAC Phase	PASS	
5600.000000	FCC15407_2014-Type0-18.wv	End of CAC Phase	PASS	

Measurement Detailed Results

DUT Frequency (MHz)	Radar Type No.	CAC Type	Measured Startup time (s)	Configured Startup time (s)	Kind of Measurement
5600.000000	0	Begin of CAC Phase	---	600.000	Before Radar Injection
5600.000000	0	Begin of CAC Phase	---	600.000	After Radar Injection
5600.000000	0	End of CAC Phase	---	600.000	Before Radar Injection
5600.000000	0	End of CAC Phase	---	600.000	After Radar Injection

(continuation of the "Measurement Detailed Results" table from column 6 ...)

DUT Frequency (MHz)	Time of Tx Start (s)	Limit (s)	Result	Comment
5600.000000	0.000	0.00	PASS	No emissions detected; OK
5600.000000	>150.0	>150.0	PASS	Limit is acquisition time after radar burst. See Note 1.
5600.000000	0.000	0.00	PASS	No emissions detected; OK
5600.000000	>150.0	>150.0	PASS	Limit is acquisition time after radar burst. See Note 1.

Radar Pulse verification Summary

Radar Type No.	No. of Pulses	Required No. of Pulses	Min. Pulsewidth (µs)	Max. Pulsewidth (µs)	Required Pulsewidth (µs)	Measured Min. PRI (µs)
0	18	18	1.000	1.100	1.0	1427.900
0	18	18	1.000	1.100	1.0	1427.900

(continuation of the "Radar Pulse verification Summary" table from column 7 ...)

Radar Type No.	Measured Max. PRI (µs)	Required PRI (µs)	Result	Comment
0	1428.000	1428	PASS	See Note 3.
0	1428.000	1428	PASS	See Note 3.

Radar Pulse verification detail (Begin of CAC Phase)

Radar Type No.	Pulse No.	Pulsewidth (µs)	Required Pulsewidth (s)
0	1	1.000	1.000
0	2	1.000	1.000
0	3	1.000	1.000
0	4	1.000	1.000
0	5	1.000	1.000
0	6	1.000	1.000
0	7	1.100	1.000
0	8	1.000	1.000
0	9	1.000	1.000
0	10	1.000	1.000
0	11	1.000	1.000
0	12	1.100	1.000
0	13	1.000	1.000

Radar Type No.	Pulse No.	Pulsewidth (µs)	Required Pulsewidth (s)
0	14	1.000	1.000
0	15	1.100	1.000
0	16	1.000	1.000
0	17	1.000	1.000
0	18	1.000	1.000

Radar Pulse verification detail (End of CAC Phase)

Radar Type No.	Pulse No.	Pulsewidth (µs)	Required Pulsewidth (s)
0	1	1.000	1.000
0	2	1.000	1.000
0	3	1.000	1.000
0	4	1.100	1.000
0	5	1.000	1.000
0	6	1.000	1.000
0	7	1.000	1.000
0	8	1.000	1.000
0	9	1.000	1.000
0	10	1.000	1.000
0	11	1.000	1.000
0	12	1.000	1.000
0	13	1.000	1.000
0	14	1.000	1.000
0	15	1.100	1.000
0	16	1.000	1.000
0	17	1.000	1.000
0	18	1.000	1.000

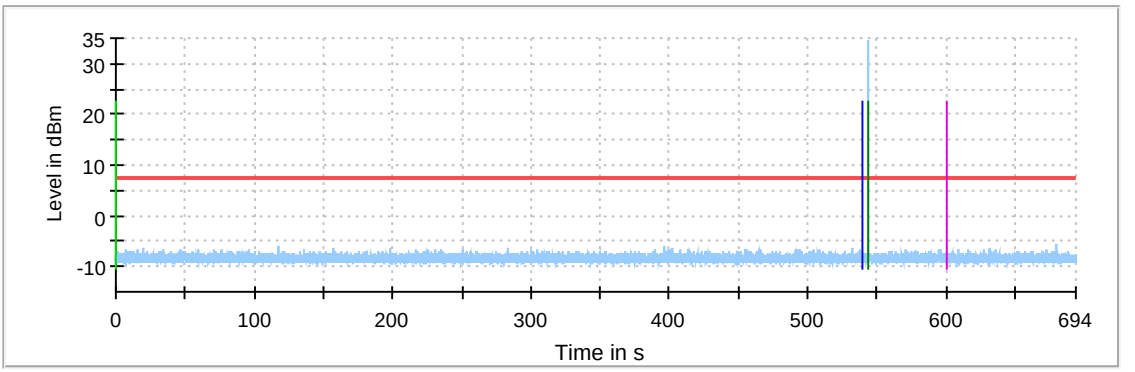
Radar level verification

Description / Formula	Value	Unit
IF(({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF(({Configured PSD[dBm]}<10) , -62 , -64))+ {Attenuation Vector Generator to DUT[dB]} , -50+ {Attenuation Vector Generator to COMP[dB]})+ {Radar Signal Level Offset[dB]}	Given setting / formula to calculate Vector Generator level	--
Configured DUT EIRP:	1000.00	mW
Configured DUT PSD:	-0.85	dBm/MHz
Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3	-64	dBm
Vector Generator level setting	-3.54	dBm
Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable	59.46	dB
Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2	1.00	dB
This results in the following radar signal level at the DUT	-63.00	dBm

Additional Information

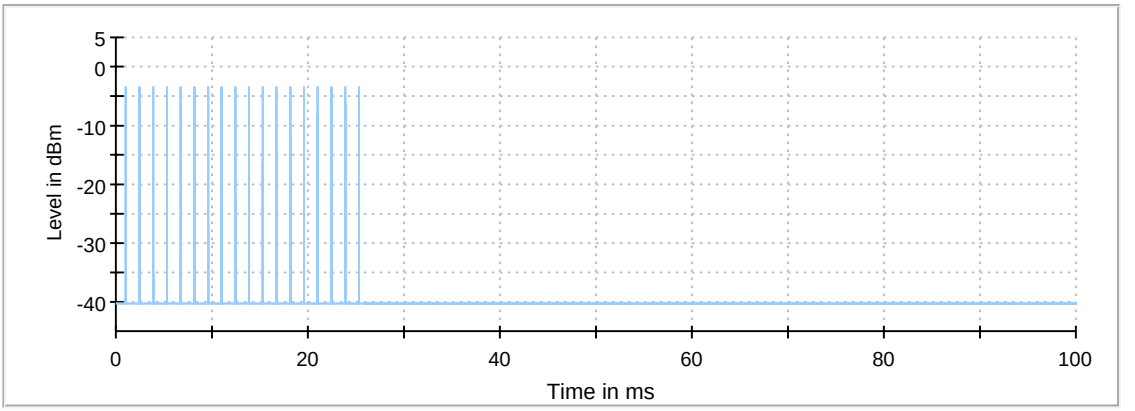
Note	Description
Note 1:	**Sweep of Analyser and Radar pulse waveform are triggered at the same time. Therefore, the radar pulses maybe can be seen at the trigger point of the trace. Analysis of the Sweeps excludes the covered time for the radar pulses.**
Note 2:	**The radar signal is simultaneously evaluated as the analyser sweep after radar injection.**
Note 3:	**Measurement uncertainty due to sampling rate of 10MHz is 200ns (2 samples)**
Note 4:	**If user defined waveform is configured (myARB.wv) then no additional limits are available and measured values can not be checked.**

Measurement Beginning of CAC



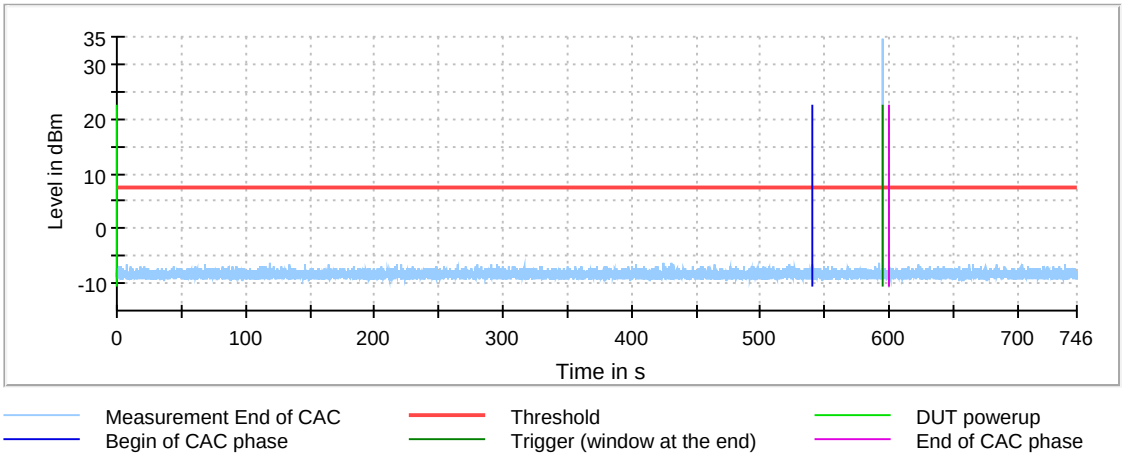
Measurement Beginning of CAC
DUT powerup
Trigger (window at the beginning)
Threshold
Begin of CAC phase
End of CAC phase

Beginning of CAC; Radar Pulses

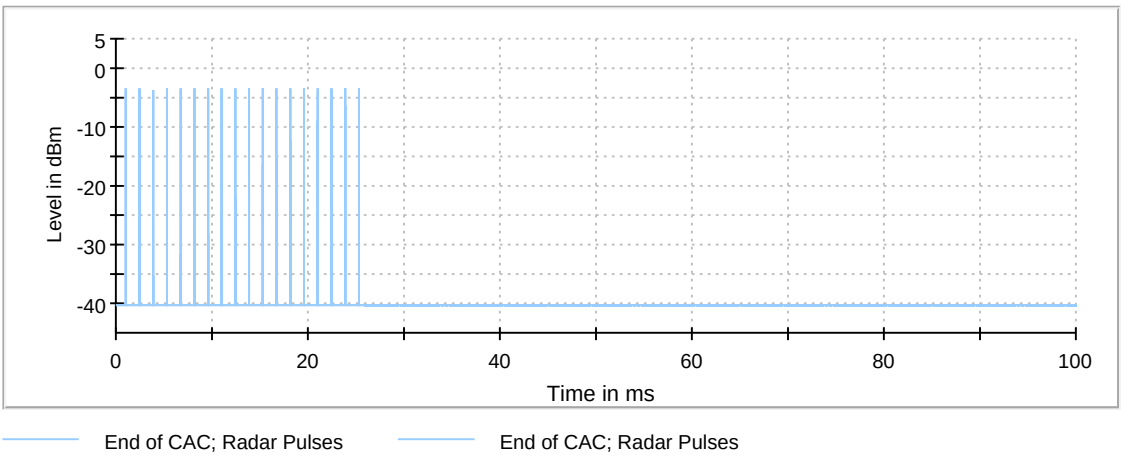


Beginning of CAC; Radar Pulses
Beginning of CAC; Radar Pulses

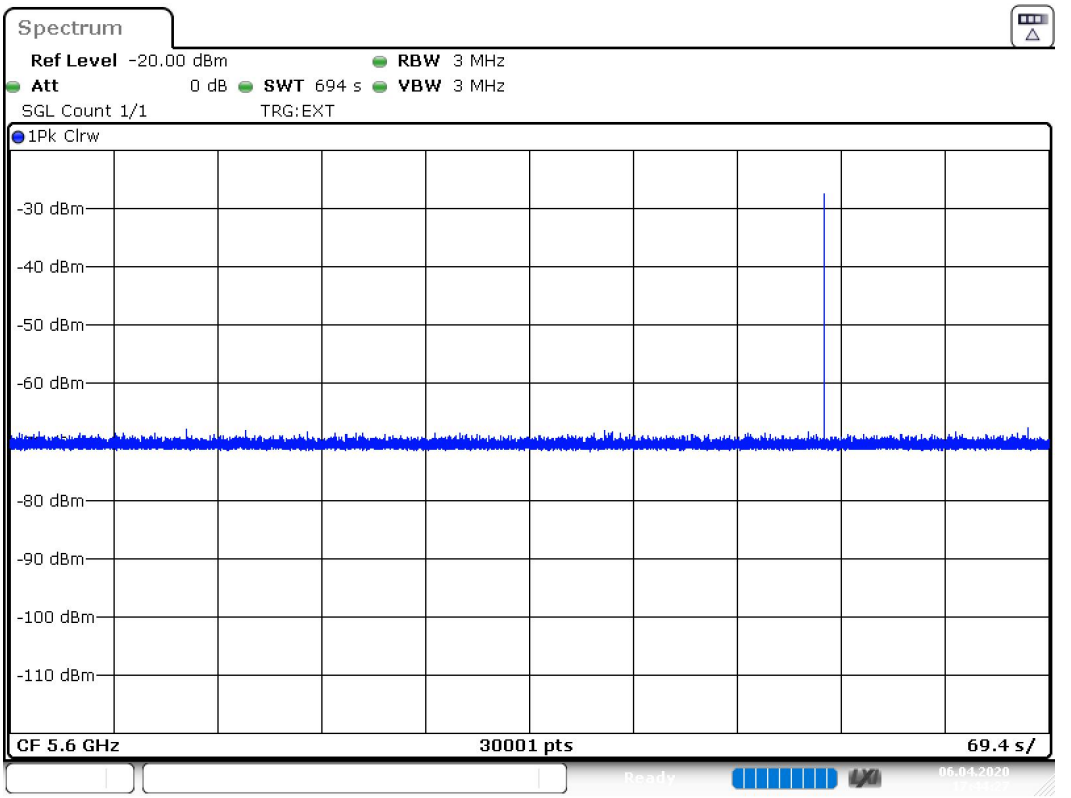
Measurement End of CAC



End of CAC; Radar Pulses

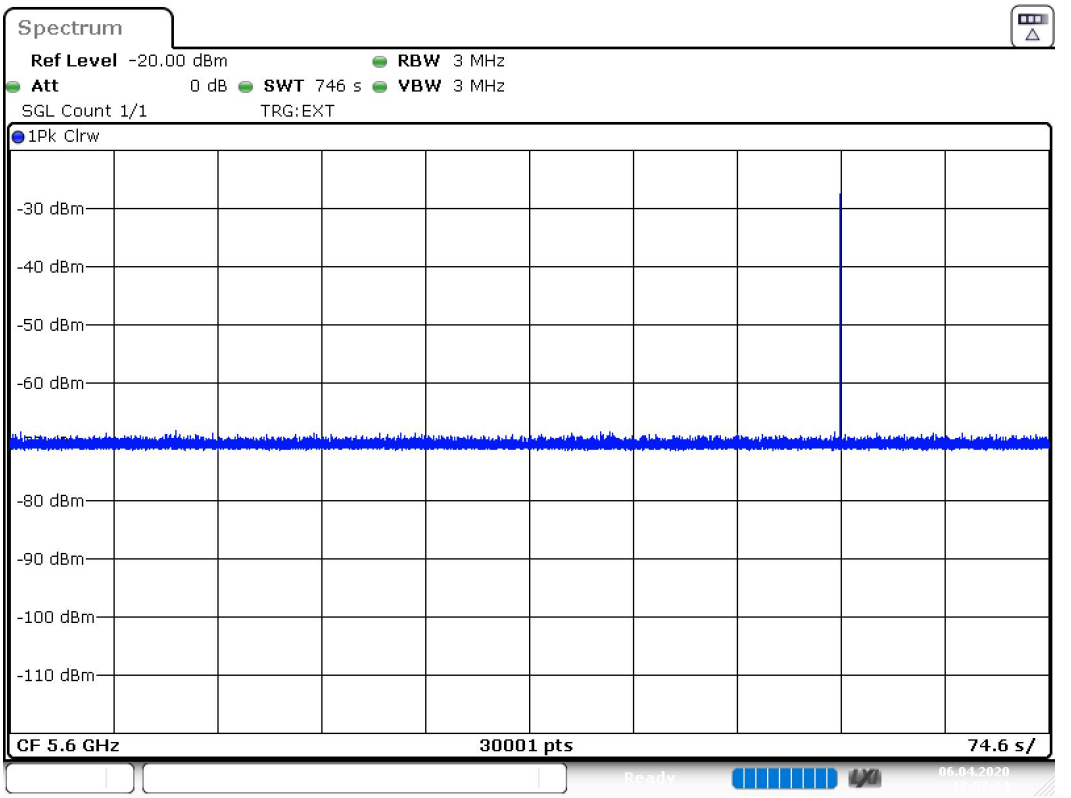


Measurement Beginning of CAC



Date: 6.APR.2020 17:44:27

Measurement End of CAC



Date: 6.APR.2020 17:57:24

Startup time

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1001	~ 1001
Sweeptime	20.000 ms	20.000 ms
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	Video	Video
Trigger Mode	constant	constant
Trigger Level	60.000 %	60.000 %
Trigger Offset	0.000 s	0.000 s

Begin of CAC Phase

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001

Setting	Instrument Value	Target Value
Sweeptime	694.000 s	694.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	544.000 s	544.000 s

End of CAC Phase

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001
Sweeptime	746.000 s	746.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	596.000 s	596.000 s

OSP Radar Pulse Detector

Setting	Instrument Value	Target Value
Measurement Time	100.000 ms	100.000 ms
Samplerate	10000 kHz	10000 kHz
Tracepoints	1000000	1000000
Time resolution	0.100 µs	0.100 µs
Detector	Peak	Peak

DFS In-Service Monitoring (5600 MHz; 30.000 dBm; 80 MHz)

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Type of Measurement value	Overall Result
5600.000000	0	First of all Transmitt Test	---
5600.000000	0	Channel Move Time	PASS
5600.000000	0	Channel Closing Transmission Time	PASS
5600.000000	0	Non-occupancy period	PASS

(continuation of the "Measurement Summary" table from column 4 ...)

DUT Frequency (MHz)	Overall Comment
5600.000000	not performed / not finished
5600.000000	
5600.000000	
5600.000000	

Channel Move Time Detailed Results

DUT Frequency (MHz)	Radar Type No.	CMT Tx Time (s)	CMT Limit (s)	CMT Result	CMT Comment
5600.000000	0	0.000	10.000	PASS	Tx Time value is last trailing edge found within sweep. See Note 1.

Channel Closing Transmission Time Detailed Results

DUT Frequency (MHz)	Radar Type No.	CCTT Type of Value	CCTT No. of Pulses found	CCTT Tx Time (ms)
5600.000000	0	first 200 ms	0	0.000
5600.000000	0	remaining 10.0 second(s) period	0	0.000

(continuation of the "Channel Closing Transmission Time Detailed Results" table from column 5 ...)

DUT Frequency (MHz)	CCTT Tx Time Limit (ms)	CCTT Result	CCTT Comment
5600.000000	200.000	PASS	See Note 1.
5600.000000	60.000	PASS	See Note 1.

Non-occupancy period Detailed Results

DUT Frequency (MHz)	Radar Type No.	NOP No. of Pulses found	NOP No. of Pulses Limit	NOP Tx Time (s)	NOP Tx Time Limit (s)	NOP Result
5600.000000	0	0	0	0.000	0.000	PASS

Transmitting Test Detailed Results

DUT Frequency (MHz)	Tx-Test Result	Tx-Test Comment
5600.000000	---	not performed / not finished

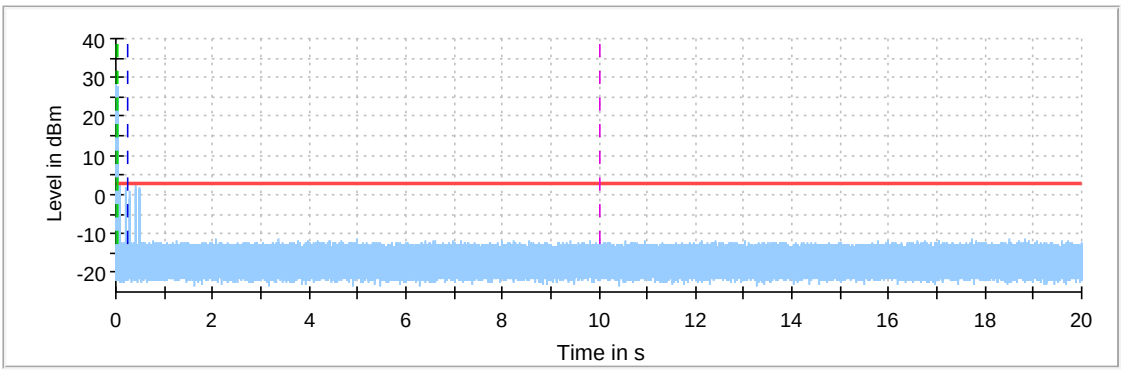
Radar level verification

Description / Formula	Value	Unit
IF(({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF(({Configured PSD[dBm]}<10) , -62 , -64))+ {Attenuation Vector Generator to DUT[dB]} , -50+ {Attenuation Vector Generator to COMP[dB]})+ {Radar Signal Level Offset[dB]}	Given setting / formula to calculate Vector Generator level	--
Configured DUT EIRP:	1000.00	mW
Configured DUT PSD:	-0.85	dBm/MHz
Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3	-64	dBm
Vector Generator level setting	-3.54	dBm
Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable	59.46	dB
Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2	1.00	dB
This results in the following radar signal level at the DUT	-63.00	dBm

Additional Information

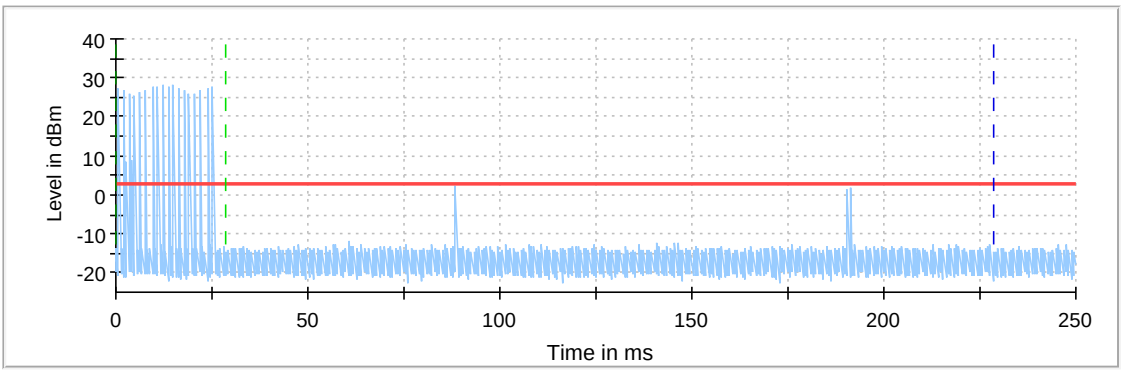
Note	Description
Note 1:	**Because of the radar pulse event at the beginning, the investigation of the trace begins with an offset of 28.7 ms conforming to the end of the Radar burst.**
Note 2:	**Channel move time (CMT) / channel closing transmission time (CCTT) measurement was made with hi resolution video sweep using OSP DAQ channel**
Note 3:	**Because of the substantially higher sampling rate of the video signal the results for CCTT and CMT are more accurate than in the graphics visible. Reached timing accuracy of the video trace: approx 4 µs**
Note 4:	**The Non-Occupancy Period trace starts at the end of the Channel move time trace (20.000 secs.) Labeling of the x-axis (time) is relative to its beginning (0 secs.)**

Channel Move Time

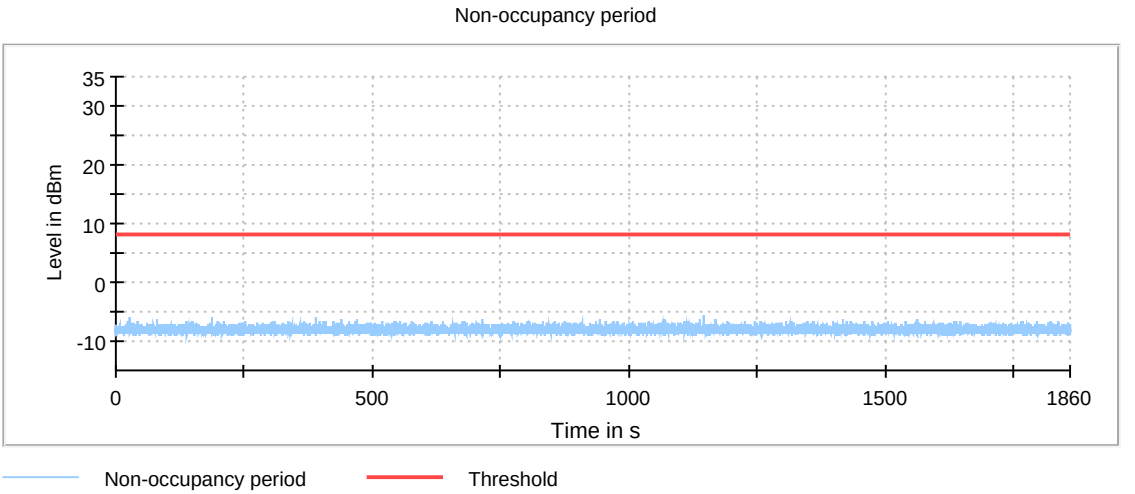


Channel Move Time
Start of Radar
First 200ms of Channel Closing Tx Time
Threshold
Trigger at end of Radar
10sec Channel Move Time Limit

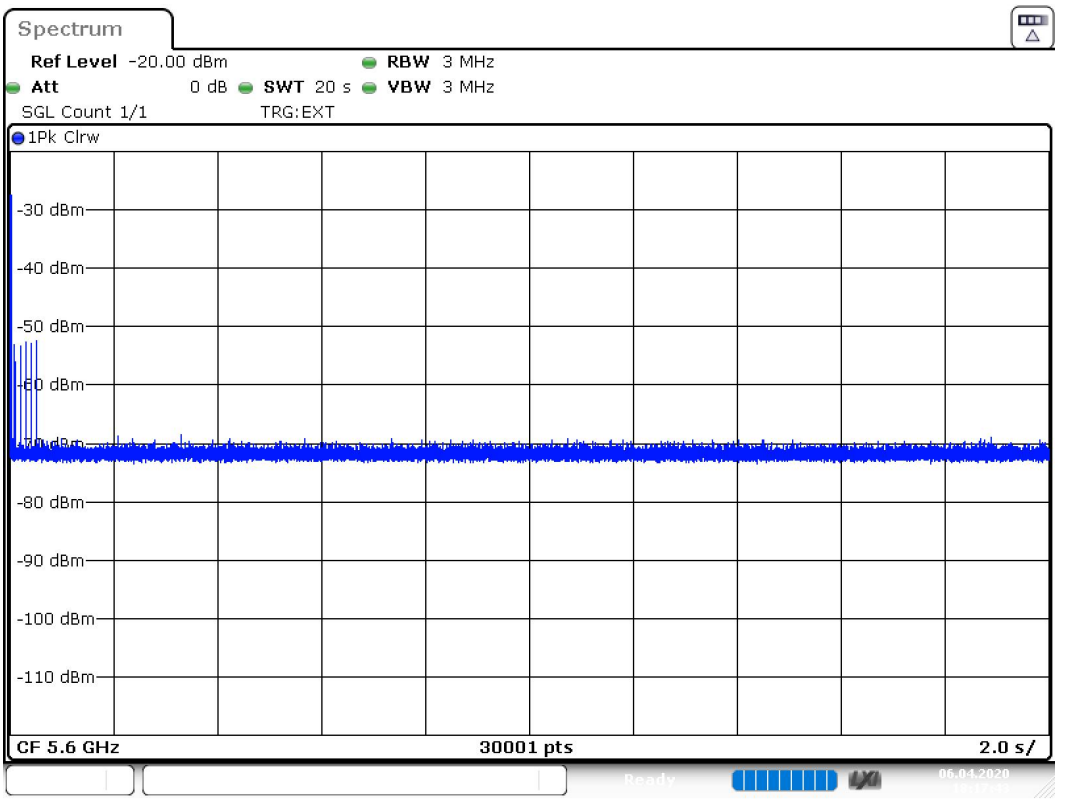
Channel Move Time first 200ms



Channel Move Time first 200ms
Start of Radar
First 200ms of Channel Closing Tx Time
Threshold
Trigger at end of Radar

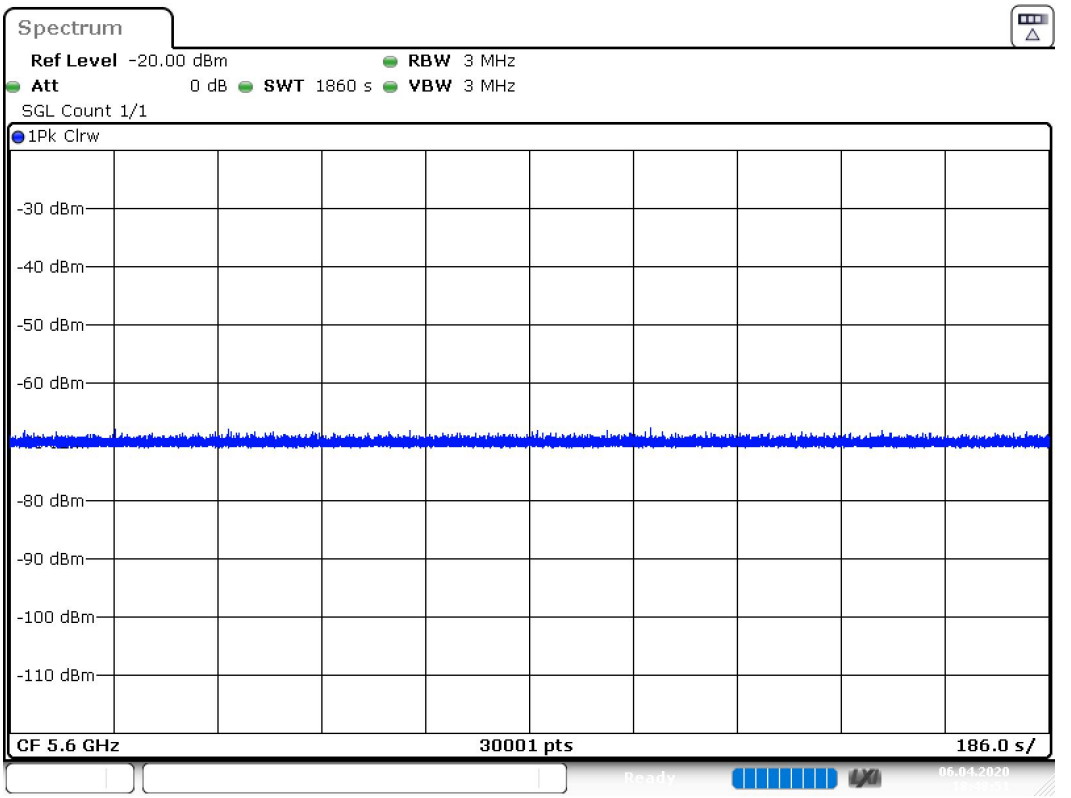


Channel Move Time



Date: 6.APR.2020 18:17:43

Non-occupancy period



Date: 6.APR.2020 18:48:52

Channel Move Time; Channel Closing Transmission Time

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001
Sweeptime	20.000 s	20.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	0.000 s	0.000 s

Non-occupancy period

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001
Sweeptime	1.860 ks	1.860 ks
Reference Level	-20.000 dBm	-20.000 dBm

Setting	Instrument Value	Target Value
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off

OSP Video Detector

Setting	Instrument Value	Target Value
Measurement Time	20.000 s	20.000 s
Samplerate	2500 kHz	2500 kHz
Tracepoints	50000000	50000000
Time resolution	4.000 µs	4.000 µs
Detector	Peak	Peak

DFS U-NII Detection Bandwidth (5600 MHz; 30.000 dBm; 80 MHz)

Customized settings.

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result	Overall Comment
5600.000000	0	80.000000	75.500000	PASS	

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5555.000000	0 of 10	0 %	90%	FAIL	
5559.000000	0 of 10	0 %	90%	FAIL	
5560.000000	10 of 10	100 %	90%	PASS	Lower Limit
5565.000000	10 of 10	100 %	90%	PASS	
5570.000000	10 of 10	100 %	90%	PASS	
5575.000000	10 of 10	100 %	90%	PASS	
5580.000000	10 of 10	100 %	90%	PASS	
5585.000000	10 of 10	100 %	90%	PASS	
5590.000000	10 of 10	100 %	90%	PASS	
5595.000000	10 of 10	100 %	90%	PASS	
5600.000000	10 of 10	100 %	90%	PASS	
5605.000000	10 of 10	100 %	90%	PASS	
5610.000000	10 of 10	100 %	90%	PASS	
5615.000000	10 of 10	100 %	90%	PASS	
5620.000000	10 of 10	100 %	90%	PASS	
5625.000000	10 of 10	100 %	90%	PASS	
5630.000000	10 of 10	100 %	90%	PASS	
5635.000000	10 of 10	100 %	90%	PASS	
5640.000000	10 of 10	100 %	90%	PASS	Upper Limit
5641.000000	0 of 10	0 %	90%	FAIL	
5645.000000	2 of 10	20 %	90%	FAIL	

Radar level verification

Description / Formula	Value	Unit
IF(({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF(({Configured PSD[dBm]}<10) , -62 , -64))+ {Attenuation Vector Generator to DUT[dB]} , -50+ {Attenuation Vector Generator to COMP[dB]})+ {Radar Signal Level Offset[dB]}	Given setting / formula to calculate Vector Generator level	--
Configured DUT EIRP:	1000.00	mW
Configured DUT PSD:	-0.85	dBm/MHz
Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3	-64	dBm
Vector Generator level setting	-3.54	dBm
Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable	59.46	dB
Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2	1.00	dB

Description / Formula	Value	Unit
This results in the following radar signal level at the DUT	-63.00	dBm

U-NII Detection Bandwidth Sweep

Setting	Instrument Value	Target Value
Center Frequency	5.60000 GHz	5.60000 GHz
Span	ZeroSpan	ZeroSpan
RBW	3.000 MHz	>= 3.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	30001	~ 30001
Sweeptime	12.000 s	12.000 s
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Clear Write	Clear Write
Sweeptype	Sweep	AUTO
Preamp	off	off
Trigger	External	External
Trigger Offset	0.000 s	0.000 s

OSP Video Detector

Setting	Instrument Value	Target Value
Measurement Time	12.000 s	12.000 s
Samplerate	2500 kHz	2500 kHz
Tracepoints	30000000	30000000
Time resolution	4.000 µs	4.000 µs
Detector	Peak	Peak

20 MHz Channel Probability

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test: 17.6 duty cycle

RADAR TYPE 1

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	92	1	578	y
2	83	1	638	y
3	74	1	718	n
4	59	1	898	y
5	70	1	758	y
6	83	1	638	y
7	59	1	898	y
8	63	1	838	y
9	18	1	3066	y
10	74	1	718	n
11	74	1	718	n
12	59	1	898	y
13	81	1	658	y
14	59	1	898	y
15	70	1	758	y
16	68	1	778	y
17	76	1	698	y
18	81	1	658	y
19	62	1	858	y
20	98	1	538	y
21	72	1	738	y
22	62	1	858	y
23	72	1	738	y
24	63	1	838	y
25	57	1	938	y
26	70	1	758	y
27	68	1	778	y
28	92	1	578	y
29	95	1	558	y
30	76	1	698	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 2

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	29	1	191	y
2	25	2.2	153	y
3	24	3.7	210	y
4	25	4.5	166	y
5	26	3.4	158	y
6	29	2.2	159	y
7	27	2.8	173	y
8	24	2.8	215	y
9	27	4.3	171	y
10	26	3.2	182	n
11	25	3.4	223	y
12	24	1	167	n
13	28	4.7	193	y
14	26	3.8	180	y
15	24	5	193	y
16	26	3.4	150	y
17	27	3.1	157	y
18	26	2.4	211	y
19	26	2.4	169	y
20	25	4.3	206	n
21	29	2.4	218	y
22	29	4.8	167	y
23	29	4.2	176	y
24	28	2.4	223	y
25	26	3.8	172	y
26	26	3.8	191	y
27	28	4.7	177	y
28	23	1.6	193	n
29	28	4.4	153	y
30	28	4.5	218	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 3

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	17	7.4	500	y
2	17	7.9	245	y
3	17	7.7	240	y
4	18	6.7	475	y
5	17	8.8	323	y
6	16	8.1	286	y
7	17	6.6	223	y
8	17	6	456	y
9	18	9.6	387	y
10	16	7.2	211	y
11	16	9.7	487	y
12	18	6.7	303	y
13	17	8.5	344	y
14	17	7.6	490	y
15	18	6.4	426	y
16	17	8.6	416	y
17	17	6.1	460	y
18	17	7	390	n
19	16	7.3	357	y
20	16	7.5	270	y
21	17	9.6	335	y
22	18	9.5	292	y
23	16	8.5	463	y
24	16	6.9	457	y
25	16	8.8	499	y
26	17	9.1	322	y
27	17	8.2	250	n
28	18	7.1	491	y
29	18	9.8	348	y
30	17	6.6	389	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 4

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	12	17.3	494	y
2	15	16.6	426	y
3	13	19.3	486	y
4	14	11.7	463	y
5	15	12.2	201	y
6	14	17.1	247	y
7	13	13.5	201	n
8	16	13.4	480	y
9	13	14.6	212	y
10	16	19.5	485	y
11	14	11.2	493	n
12	14	17.8	364	y
13	13	17.4	297	y
14	14	15.8	387	y
15	13	15.4	342	y
16	15	18.3	280	y
17	16	19.1	208	y
18	13	16.5	248	y
19	13	17.5	229	y
20	13	18.4	453	y
21	13	15.1	422	y
22	13	14.9	206	y
23	13	16.9	256	y
24	15	14.5	258	y
25	14	18.5	366	y
26	16	18.1	326	n
27	12	19.9	414	y
28	13	13.7	499	y
29	15	19.7	468	y
30	14	17.8	339	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

TYPE 5

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Detection (yes/no)
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	92.5	10			974.112
2	1	79.9	10			711.687
3	2	65.1	10	1177		1015.953
4	2	58.7	10	1474		494.6
5	2	90.6	10	1204		1164.367
6	2	96.7	10	1840		314.713
7	2	65.9	10	1978		1306.59
8	2	51.8	10	1323		1319.067
9	2	68.2	10	1498		926.233

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	66.4	9			513.465
2	2	73.2	9	1496		566.221
3	1	89.2	9			586.722
4	2	52.6	9	1644		105.333
5	2	73	9	1102		208.254
6	1	69.4	9			4.165
7	1	69	9			143.316
8	3	79.3	9	1610	1465	463.257
9	2	94.7	9	1618		404.058
10	1	80.3	9			302.409
11	2	98.2	9	1189		528.011
12	2	78.1	9	1970		234.992
13	3	51.6	9	1261	1329	131.003
14	2	71.7	9	1114		185.044
15	2	58.2	9	1895		186.705
16	1	75.9	9			285.166
17	3	99.9	9	1022	1415	206.937
18	2	93	9	1718		49.758
19	3	90.4	9	1796	1148	55.279

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	87.6	11	1442	1390	274.181
2	1	93.9	11			483.291
3	2	83.1	11	1844		165.942
4	2	59.6	11	1847		208.243
5	3	67.9	11	1015	1240	107.774
6	1	51.7	11			393.545
7	2	90.8	11	1280		160.356
8	2	83.2	11	1494		49.327
9	3	50.7	11	1382	1067	26.948
10	1	58.6	11			320.999
11	2	82.7	11	1505		419.731
12	2	91.6	11	1128		95.332
13	1	68	11			565.893
14	2	80.9	11	1231		120.224
15	3	64.8	11	1960	1148	417.575
16	2	58.8	11	1815		284.996
17	2	50.7	11	1579		373.337
18	2	95.5	11	1868		125.458
19	3	53.5	11	1977	1672	331.079

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	58.4	16			116.519
2	2	74.8	16	1354		828.597
3	3	57.1	16	1919	1327	756.424
4	2	75.3	16	1143		712.241
5	2	62.7	16	1435		39.689
6	2	79	16	1796		107.916
7	2	78.1	16	1183		405.553
8	1	89	16			123.15
9	1	70.9	16			437.497
10	3	72.8	16	1325	1424	95.404
11	3	56.2	16	1510	1184	674.831
12	2	53.9	16	1225		62.629
13	3	89.7	16	1774	1162	752.286
14	3	77.3	16	1497	1551	498.043

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	98.6	15	1399		555.042
2	3	52.2	15	1588	1254	272.58
3	2	88.2	15	1969		342.03
4	1	86.9	15			736.98
5	2	67.9	15	1670		534.75
6	2	77.1	15	1726		715.71
7	2	54.5	15	1126		271.82
8	2	55	15	1510		12.49
9	2	59.9	15	1021		722.2
10	2	51.1	15	1348		92.81
11	2	53.3	15	1459		649.13
12	1	90	15			145.77
13	2	81	15	1731		435.4
14	2	59.9	15	1978		198.7
15	2	72.6	15	1328		647

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 6

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	79.4	5	1317	1046	482.163
2	2	62.3	5	1215		916.677
3	2	84.5	5	1343		1029.853
4	1	80.3	5			1198.99
5	2	99.6	5	1431		453.477
6	2	96.9	5	1075		712.503
7	2	75.6	5	1259		1042.71
8	3	58.3	5	1198	1933	393.337
9	3	79.2	5	1408	1502	1256.433

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	59.7	20	1532	1050	821.919
2	2	55.5	20	1921		336.71
3	3	61.1	20	1323	1642	272.06
4	1	91.3	20			277.68
5	3	74.7	20	1411	1664	102.81
6	3	51.1	20	1588	1492	386.46
7	3	67.5	20	1740	1708	832.41
8	2	67.6	20	1587		707.36
9	2	77.1	20	1785		840.02
10	1	69.6	20			191.2
11	1	94.6	20			458.7
12	2	85.3	20	1428		247.1

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 8

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	75.5	11	1356		892.236
2	2	72.9	11	1402		99.041
3	2	65.3	11	1323		980.792
4	2	75.1	11	1291		387.543
5	2	98.5	11	1107		540.284
6	3	92.5	11	1191	1451	379.515
7	1	85.4	11			612.425
8	3	89.2	11	1749	1021	875.526
9	3	73.4	11	1387	1732	242.477
10	2	64	11	1685		687.718
11	3	84.5	11	1223	1080	932.109

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	62	8	1131	1542	328.034
2	2	50.8	8	1191		437.127
3	1	91.3	8			784.954
4	1	83	8			836.941
5	1	87.4	8			750.809
6	2	81.1	8	1538		544.746
7	2	50.4	8	1332		680.113
8	3	57.8	8	1485	1851	793.74
9	2	90.2	8	1628		218.777
10	2	80.1	8	1909		45.614
11	3	75.6	8	1194	1512	70.991
12	1	61.7	8			71.239
13	1	65.5	8			532.286
14	1	79.9	8			535.743

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 10

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	88.7	6	1927	1446	998.865
2	2	98.8	6	1532		723.807
3	2	62.8	6	1535		860.873
4	3	80	6	1286	1672	399.69
5	2	66.9	6	1934		556.147
6	1	67.3	6			559.003
7	2	59.4	6	1451		588.01
8	2	73.1	6	1025		39.277
9	2	67	6	1533		445.533

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 11

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	88.3	6	1579		904.735
2	2	99.2	6	1621		932.131
3	1	65.2	6			727.842
4	1	52.2	6			902.603
5	2	70.1	6	1212		793.734
6	2	79.3	6	1721		386.975
7	1	56.5	6			579.125
8	2	81.9	6	1310		755.486
9	3	78.9	6	1068	1230	266.717
10	2	53.3	6	1502		485.918
11	1	63.8	6			44.109

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	77.5	12	1050	1099	889.774
2	1	66.1	12			415.943
3	3	56.6	12	1875	1709	816.036
4	2	50.9	12	1388		444.469
5	2	73.2	12	1997		552.372
6	3	71.3	12	1675	1329	591.445
7	2	99	12	1644		207.798
8	2	98.1	12	1127		511.832
9	3	65.8	12	1808	1656	457.975
10	1	87.8	12			704.018
11	3	64.7	12	1082	1841	701.051
12	1	66.6	12			763.954
13	2	97	12	1974		459.477

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	57.8	18	1836	1977	672.36
2	1	75	18			127.239
3	2	55.3	18	1548		563.905
4	2	85	18	1419		455.933
5	1	85.5	18			192.401
6	3	82.1	18	1700	1038	61.328
7	1	53.5	18			274.876
8	1	94.9	18			661.694
9	1	68.7	18			294.531
10	1	99.8	18			110.899
11	1	72.9	18			622.036
12	1	77.1	18			321.344
13	2	93.2	18	1135		176.492
14	3	80.5	18	1692	1906	367.069
15	3	57.6	18	1384	1460	228.247
16	2	78.5	18	1392		125.565
17	1	64.2	18			442.982

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	63.7	10			1081.94
2	3	84.2	10	1152	1388	1163.03
3	2	55.6	10	1567		474.35
4	2	59.9	10	1843		1052.68
5	2	86.6	10	1691		628.3
6	3	88.3	10	1817	1876	98.52
7	2	78.8	10	1920		748.61
8	2	97.8	10	1839		353.24
9	1	81.5	10			513.2
10	2	75.5	10	1342		26.4

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	69	18	1828	1953	1066.33
2	1	54.3	18			1300.677
3	2	75.1	18	1205		573.693
4	1	55.9	18			1114.93
5	2	69.1	18	1165		1153.637
6	3	64.9	18	1578	1526	736.023
7	2	57.2	18	1367		273.48
8	2	67.1	18	1903		192.467
9	1	56.6	18			1055.333

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 16

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	99.6	15	1898	1398	76.538
2	2	60.4	15	1421		105.872
3	1	60.9	15			300.427
4	2	77.5	15	1908		48.98
5	3	89.1	15	1584	1461	398.073
6	2	79.7	15	1566		377.247
7	2	72.6	15	1466		281.84
8	3	58.2	15	1504	1245	596.473
9	2	83.4	15	1582		401.097
10	2	52.9	15	1566		608.15
11	2	51.8	15	1530		441.253
12	2	58.9	15	1844		594.497
13	2	88.8	15	1263		593.08
14	1	90.8	15			128.083
15	1	86.1	15			164.597
16	1	96.4	15			504.9
17	2	91.3	15	1002		164.033
18	2	73	15	1379		327.467

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	71.1	19			240.481
2	1	98.4	19			641.103
3	1	92.4	19			654.966
4	1	70.3	19			910.389
5	2	86.5	19	1446		785.372
6	3	65	19	1028	1630	118.825
7	2	97.5	19	1990		814.168
8	2	94.5	19	1180		563.482
9	1	56.6	19			4.705
10	3	73.5	19	1073	1600	788.718
11	2	88	19	1805		782.731
12	1	51.8	19			266.054
13	3	77.7	19	1703	1857	261.577

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	90.2	11			367.636
2	3	62.3	11	1668	1647	362.777
3	2	67.4	11	1414		831.444
4	2	90.7	11	1646		745.631
5	1	75.1	11			795.179
6	2	61.7	11	1139		92.676
7	2	73.6	11	1906		774.663
8	2	97.2	11	1625		830.26
9	2	97.4	11	1911		252.647
10	2	62.1	11	1435		794.664
11	3	74.3	11	1111	1566	170.541
12	2	68.3	11	1572		662.429
13	3	90.6	11	1298	1522	122.686
14	2	58.2	11	1536		774.743

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	58.7	9			64.303
2	3	76.2	9	1138	1228	549.068
3	1	93.4	9			25.605
4	3	52.2	9	1966	1743	61.783
5	2	84.1	9	1077		72.021
6	1	62.6	9			222.428
7	1	72.1	9			291.166
8	3	97.4	9	1209	1526	648.684
9	1	73	9			365.771
10	2	58.7	9	1516		149.839
11	2	68.5	9	1195		596.546
12	2	84.9	9	1853		203.014
13	3	84.3	9	1721	1815	510.702
14	2	80.3	9	1406		433.919
15	1	57.3	9			397.747
16	2	63.8	9	1895		519.665
17	2	98.4	9	1004		644.882

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	93.6	8	1291		712.69
2	2	52.3	8	1500		273.251
3	3	79.2	8	1065	1402	925.242
4	1	69.5	8			611.793
5	2	63.6	8	1711		558.924
6	1	73.2	8			166.815
7	2	88.2	8	1998		758.675
8	2	78.8	8	1649		629.656
9	2	51.9	8	1506		265.387
10	1	92.4	8			416.318
11	3	51.2	8	1420	1096	892.309

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	92.8	6	1360		1206.28
2	2	59.5	6	1053		544.637
3	3	65.3	6	1877	1208	1041.153
4	3	62	6	1484	1569	72.21
5	2	94.3	6	1349		894.677
6	2	69.8	6	1763		847.243
7	1	73	6			792.64
8	2	64.9	6	1250		1064.567
9	2	75.2	6	1136		202.033

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 22

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	88.4	13	1868	1307	652.749
2	1	75.7	13			139.841
3	2	84.8	13	1888		693.835
4	3	79.5	13	1368	1584	578.593
5	2	83.6	13	1270		463.971
6	3	54.1	13	1054	1379	39.098
7	3	63.7	13	1734	1710	223.666
8	2	52.9	13	1489		311.024
9	2	61.5	13	1106		347.691
10	2	58.6	13	1635		566.429
11	2	59.7	13	1451		518.106
12	2	97	13	1296		295.624
13	2	78.8	13	1901		504.842
14	3	52.2	13	1800	1523	361.979
15	3	78.9	13	1566	1479	452.747
16	2	91.6	13	1682		508.365
17	3	93.1	13	1739	1382	628.582

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	73.3	5	1606		175.831
2	1	95.3	5			451.57
3	1	61.5	5			543.07
4	3	68.3	5	1004	1564	686.96
5	3	91.4	5	1502	1528	58.61
6	3	82.4	5	1701	1707	280.18
7	3	57.7	5	1229	1887	365.65
8	2	85.3	5	1827		425.36
9	2	57	5	1954		387.63
10	3	88.3	5	1897	1520	296.49
11	2	56.6	5	1931		269.49
12	1	78.1	5			244.65
13	1	52.9	5			314.85
14	3	70.1	5	1283	1563	212.2
15	3	55	5	1498	1141	523.1
16	2	52.5	5	1009		459.8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	59.6	15	1300		158.468
2	3	84.2	15	1398	1425	242.2
3	3	59.8	15	1394	1201	202.34
4	2	86.2	15	1067		1101.66
5	2	95	15	1956		489.67
6	2	88.4	15	1505		565.34
7	2	58	15	1697		66.28
8	2	79.3	15	1536		824.8
9	3	69.2	15	1675	1308	803
10	2	84.4	15	1198		431

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	87.5	14	1231	1190	752.293
2	2	88	14	1581		42.611
3	2	69.4	14	1028		682.422
4	3	59.1	14	1413	1201	774.323
5	1	67.4	14			622.554
6	2	64.8	14	1597		140.105
7	2	67.2	14	1694		592.645
8	2	96.2	14	1200		536.516
9	2	78.6	14	1614		202.977
10	2	72.9	14	1664		377.518
11	2	58.8	14	1827		834.409

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 26

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	79.2	10	1724	1244	27.555
2	1	63.9	10			189.013
3	2	51.8	10	1111		81.246
4	3	89.1	10	1676	1174	513.739
5	2	97.9	10	1047		914.942
6	2	65	10	1739		206.205
7	3	88.4	10	1229	1470	696.968
8	3	65	10	1164	1924	576.452
9	2	90.4	10	1578		817.825
10	1	76.9	10			653.648
11	3	50.8	10	1360	1758	577.091
12	2	64.2	10	1954		263.354
13	2	89.1	10	1076		900.877

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	59.2	7	1271		64.339
2	2	77.9	7	1000		159.693
3	3	73.4	7	1350	1940	361.305
4	2	96.8	7	1258		396.633
5	3	97.8	7	1798	1004	356.341
6	1	99	7			223.228
7	3	83.3	7	1977	1972	138.286
8	3	80.5	7	1066	1808	10.804
9	1	61	7			599.881
10	3	51.1	7	1520	1946	142.079
11	3	57.8	7	1332	1126	173.146
12	2	57.9	7	1227		461.414
13	2	63.3	7	1541		511.842
14	2	54.3	7	1527		499.119
15	3	74.5	7	1253	1296	577.247
16	3	99.2	7	1975	1517	480.065
17	3	82.9	7	1569	1992	551.982

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	54.2	8			333.711
2	3	67	8	1343	1765	453.38
3	2	58.6	8	1452		331.94
4	3	71.4	8	1494	1076	524.58
5	3	82	8	1347	1586	462.92
6	2	56.1	8	1395		239.13
7	3	61.5	8	1469	1203	524.6
8	2	72.2	8	1083		332.11
9	2	73.7	8	1014		597.91
10	2	55.3	8	1869		46.39
11	2	65.8	8	1932		561.56
12	2	56	8	1137		626.54
13	3	65.5	8	1082	1348	249.66
14	2	94.8	8	1956		465
15	3	85.1	8	1900	1525	559.1
16	2	92.2	8	1424		124.8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 29

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	67.1	9	1768	1396	457.111
2	1	80.3	9			523.308
3	1	51.4	9			555.765
4	2	84.2	9	1447		440.353
5	2	86.2	9	1944		393.011
6	2	69.7	9	1816		257.438
7	2	82.6	9	1584		29.986
8	3	66.4	9	1990	1473	614.994
9	2	70.2	9	1297		617.491
10	1	57.1	9			545.349
11	3	76.5	9	1563	1314	349.416
12	3	84.3	9	1189	1640	0.684
13	3	60.3	9	1869	1996	184.092
14	2	70.3	9	1931		292.429
15	1	97	9			186.647
16	2	66.9	9	1124		34.565
17	2	95.3	9	1145		208.982

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	88.7	18			827.58
2	1	68.4	18			346.17
3	2	94.4	18	1768		993.48
4	2	94.2	18	1005		87.61
5	3	63.8	18	1444	1507	42.27
6	2	93.3	18	1876		545.7
7	2	90	18	1534		206.75
8	2	54.4	18	1546		592.22
9	1	68.9	18			566.5
10	2	59.8	18	1148		63.8

40 MHz Channel Probability

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test: 23.2% duty cycle

RADAR TYPE 1

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	81	1	658	y
2	102	1	518	y
3	67	1	798	y
4	98	1	538	y
5	70	1	758	y
6	92	1	578	y
7	70	1	758	y
8	86	1	618	y
9	86	1	618	y
10	72	1	738	y
11	102	1	518	y
12	61	1	878	y
13	57	1	938	y
14	68	1	778	y
15	83	1	638	y
16	86	1	618	y
17	59	1	898	y
18	74	1	718	n
19	83	1	638	y
20	72	1	738	y
21	74	1	718	n
22	86	1	618	y
23	72	1	738	y
24	81	1	658	y
25	57	1	938	y
26	62	1	858	y
27	86	1	618	y
28	95	1	558	y
29	74	1	718	n
30	83	1	638	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 2

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	27	3.6	218	y
2	28	2.6	208	y
3	23	4.1	222	y
4	24	4.5	172	y
5	23	3.3	160	y
6	26	3.8	214	y
7	28	4.7	205	y
8	24	2.5	160	y
9	24	3.4	218	y
10	26	3.2	201	y
11	28	4.3	215	y
12	26	2.4	215	n
13	26	1.6	181	y
14	25	3.2	173	y
15	28	2.1	215	y
16	26	4.2	184	y
17	26	1.5	167	y
18	25	4.4	180	y
19	25	1.4	201	y
20	29	3.6	171	y
21	25	3.3	190	y
22	26	1.2	215	y
23	25	4.6	174	y
24	23	3.6	167	y
25	23	1	179	y
26	25	3.7	196	n
27	26	4.9	164	y
28	28	2.7	228	y
29	26	4.2	173	y
30	25	1.2	159	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 3

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	18	8.8	358	y
2	18	6.5	434	y
3	16	6.5	357	y
4	17	7.8	429	y
5	18	9.7	384	y
6	18	9.4	317	y
7	17	10	366	y
8	17	8	419	y
9	16	8.7	267	y
10	16	7.2	297	y
11	18	8.3	245	y
12	16	7.5	297	y
13	17	8.2	203	y
14	18	7.2	257	y
15	17	6.7	415	y
16	17	9.7	224	n
17	16	9.3	370	y
18	17	8.2	248	y
19	17	8.4	396	y
20	17	6	279	y
21	17	9.9	400	y
22	18	9.9	381	y
23	16	8.1	500	y
24	17	8.4	279	y
25	17	7	261	y
26	17	9.7	252	y
27	18	9.8	494	y
28	18	9.4	273	y
29	18	7.8	456	y
30	18	8.5	368	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 4

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	16	13.7	448	y
2	16	17.4	277	y
3	13	11.7	319	y
4	13	11	374	y
5	14	15.9	232	n
6	15	15	201	y
7	14	13.1	495	n
8	13	18.9	457	y
9	15	11.5	487	y
10	12	14.2	332	y
11	12	14.6	320	n
12	14	18.6	304	y
13	14	17.6	440	y
14	14	11.6	315	y
15	12	15.2	251	y
16	15	18.9	299	y
17	15	11	355	y
18	14	19.5	287	y
19	15	19.3	342	y
20	14	16.5	380	y
21	13	14.7	330	n
22	14	14.5	500	y
23	16	12.4	411	y
24	14	16	405	y
25	14	17.3	210	y
26	15	13.2	345	y
27	16	12	223	y
28	13	11.9	290	y
29	13	19.3	304	y
30	15	15.3	282	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

TYPE 5

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Detection (yes/no)
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	75.5	8	1690		642.155
2	3	88.1	8	1825	1211	565.73
3	1	72.6	8			468.26
4	3	74.8	8	1229	1978	668.02
5	1	58.5	8			775.6
6	3	54.2	8	1695	1513	36.28
7	1	80.3	8			551.2
8	2	65.9	8	1778		509.3
9	2	53.1	8	1516		736.11
10	2	73.3	8	1539		371.22
11	2	87	8	1902		142.84
12	2	52.8	8	1317		559.93
13	2	76.7	8	1356		393.65
14	3	61.6	8	1592	1454	264.5
15	2	68.4	8	1956		606.9

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	93.2	14	1824		185.891
2	2	86.5	14	1938		651.417
3	2	71.6	14	1959		83.354
4	1	80.2	14			71.981
5	3	68.7	14	1291	1708	601.109
6	1	56.6	14			524.856
7	3	84.8	14	1248	1080	835.903
8	2	62.9	14	1948		70.37
9	2	81.7	14	1840		340.017
10	2	89.5	14	1973		827.364
11	3	53.1	14	1696	1296	347.571
12	1	57.9	14			132.499
13	2	56.4	14	1530		589.786
14	1	63.2	14			108.543

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	68.4	20	1003		582.521
2	2	99.7	20	1215		604.801
3	3	90.7	20	1635	1167	454.842
4	2	92.7	20	1768		241.363
5	2	52.9	20	1724		80.294
6	3	81.2	20	1431	1935	392.185
7	2	88.2	20	1885		212.676
8	2	94.3	20	1341		176.107
9	1	56.3	20			104.908
10	1	90.8	20			593.639
11	2	74.1	20	1270		538.771
12	1	77.5	20			623.652
13	2	95.9	20	1358		389.113
14	1	71.9	20			127.254
15	1	65.4	20			14.305
16	3	78.7	20	1923	1425	454.356
17	1	52.6	20			306.437
18	2	61.5	20	1106		616.358
19	2	66.3	20	1144		158.979

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	90	10	1023		247.109
2	3	83.9	10	1918	1338	376.747
3	1	70.7	10			57.694
4	3	89.4	10	1355	1614	626.861
5	3	68.1	10	1879	1109	506.619
6	3	67.8	10	1108	1373	75.546
7	1	99.2	10			735.283
8	2	85.7	10	1324		340.14
9	3	83.4	10	1431	1792	827.887
10	1	85.2	10			305.284
11	3	99.1	10	1525	1566	193.851
12	1	97.5	10			107.109
13	2	61.2	10	1130		313.286
14	2	86.8	10	1490		543.143

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	95.4	18	1462		259.501
2	1	89.9	18			656.69
3	2	82.4	18	1526		570.66
4	2	79	18	1714		403.97
5	3	69.6	18	1095	1719	192.11
6	3	63.6	18	1618	1412	290.23
7	3	75.5	18	1419	1650	692.23
8	3	95.1	18	1766	1439	500.3
9	3	83.5	18	1310	1829	780.16
10	2	67.5	18	1365		264.36
11	2	93.2	18	1904		696.13
12	3	75.5	18	1082	1777	673.65
13	3	81.2	18	1889	1694	488.8
14	2	81.3	18	1639		674.3
15	3	64.7	18	1954	1160	281.4

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 6

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	77.6	18	1963	1330	715.395
2	3	65.2	18	1022	1202	600.691
3	2	86.6	18	1568		598.282
4	2	82.7	18	1665		152.463
5	3	59.6	18	1106	1822	944.544
6	2	60.7	18	1840		330.845
7	2	82.6	18	1573		857.175
8	3	51.1	18	1856	1914	621.846
9	3	62.9	18	1738	1364	348.847
10	2	52.6	18	1961		860.818
11	1	78.3	18			789.509

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	79	19			1151.09
2	2	70.5	19	1939		600.04
3	2	95.4	19	1195		1191.69
4	1	93	19			786.52
5	1	94.8	19			451.71
6	2	57.4	19	1921		185.49
7	2	54.2	19	1187		852.92
8	2	54.2	19	1232		889.92
9	3	81	19	1295	1174	977
10	2	79.7	19	1204		322.7

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 8

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	65.9	17	1864		394.28
2	2	62	17	1984		28.214
3	1	85.2	17			233.17
4	2	61.4	17	1039		278.33
5	2	77.7	17	1818		86.52
6	1	53.3	17			217.53
7	3	69.2	17	1957	1362	485.13
8	3	52.7	17	1492	1003	583.24
9	2	52.4	17	1270		395.67
10	1	76	17			246.08
11	1	50.1	17			15.2
12	3	54.6	17	1235	1775	310.96
13	2	85.8	17	1144		319.89
14	1	72	17			295
15	2	71.6	17	1623		499.3

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	88.5	6	1750		107.538
2	2	83.2	6	1218		630.483
3	2	98.9	6	1593		155.627
4	2	54.7	6	1602		317.06
5	3	59.5	6	1293	1827	426.743
6	2	88.1	6	1228		470.637
7	1	68.9	6			19.83
8	1	94.1	6			591.733
9	1	93.6	6			561.457
10	1	65.1	6			84.58
11	2	63.2	6	1256		444.683
12	3	92.2	6	1653	1832	59.667
13	2	94.2	6	1516		150.16
14	3	79.3	6	1153	1357	8.273
15	2	94.7	6	1365		343.877
16	2	81.3	6	1406		564.8
17	3	69.1	6	1348	1859	169.933
18	1	89.1	6			2.167

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 10

Bursts in Trial: 20

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	59.1	5	1725		345.526
2	3	76.1	5	1960	1291	567.61
3	2	76.7	5	1192		149.29
4	3	53.2	5	1284	1738	208.94
5	2	90.4	5	1831		481.79
6	3	93	5	1000	1183	444.51
7	3	93.9	5	1941	1048	580.28
8	2	79.1	5	1273		420.08
9	2	99.5	5	1184		473.08
10	1	93.6	5			363.77
11	1	55.2	5			22.86
12	3	77.2	5	1486	1230	130.99
13	2	93.9	5	1477		275.5
14	1	88.6	5			97.91
15	2	70.7	5	1977		38.45
16	2	50.8	5	1439		568.44
17	1	86.9	5			523.4
18	2	60.6	5	1725		323.2
19	2	68.1	5	1856		497.1
20	3	80.4	5	1031	1566	321.7

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 11

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	98.2	17	1809		102.697
2	3	63.4	17	1383	1563	702.83
3	2	68.5	17	1996		178.99
4	1	69.4	17			107.03
5	2	98	17	1988		323.86
6	3	64.6	17	1727	1334	555.32
7	1	72.7	17			563.32
8	1	74.3	17			696.77
9	3	81	17	1850	1669	469.69
10	1	56.4	17			503.65
11	1	91.9	17			704.92
12	3	53.9	17	1752	1560	629.15
13	3	99.3	17	1238	1489	396.16
14	2	63.9	17	1678		189.59
15	2	58.1	17	1231		624.4
16	2	59.4	17	1164		78.2

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	50	14	1359		793.973
2	2	53.9	14	1296		587.78
3	2	77.7	14	1871		213
4	2	57.3	14	1896		646.05
5	2	72.5	14	1350		125.06
6	2	71.7	14	1039		610.48
7	2	76.8	14	1549		58.1
8	3	82.2	14	1147	1725	425.93
9	2	89.1	14	1933		224.46
10	2	88.6	14	1295		601.99
11	2	70.5	14	1601		85.1
12	3	71.4	14	1966	1285	241.1

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	99.1	14	1320		556.96
2	2	69.6	14	1105		94.251
3	2	53.9	14	1313		151.975
4	2	56	14	1336		516.393
5	2	90.5	14	1433		495.761
6	2	73.7	14	1579		97.578
7	1	63.9	14			515.856
8	1	55.1	14			482.394
9	2	55.9	14	1646		222.161
10	2	77.1	14	1010		453.609
11	3	66.2	14	1534	1696	635.756
12	3	55.2	14	1172	1888	328.914
13	1	60.1	14			591.552
14	3	55.8	14	1654	1965	148.269
15	1	83	14			479.347
16	3	96.8	14	1038	1502	444.665
17	3	54.5	14	1701	1884	467.682

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	73.1	16	1287		563.473
2	2	75.5	16	1551		756.537
3	2	52.3	16	1703		362.034
4	2	88.1	16	1657		757.531
5	1	95.6	16			242.139
6	2	71.8	16	1179		380.676
7	1	84.6	16			528.413
8	3	52.8	16	1302	1320	161.8
9	2	73.9	16	1314		373.127
10	2	99.7	16	1735		166.774
11	1	66.4	16			286.681
12	2	87.5	16	1829		527.589
13	1	75.2	16			31.186
14	3	92.8	16	1016	1958	652.543

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	96.5	8	1635	1921	179.697
2	3	58.1	8	1289	1752	414.938
3	2	93	8	1054		672.925
4	2	75.9	8	1629		365.703
5	2	60.7	8	1116		317.041
6	2	55.9	8	1870		229.208
7	1	70.6	8			6.436
8	1	90.5	8			674.064
9	2	60.5	8	1432		569.821
10	3	87.3	8	1176	1951	37.989
11	2	70	8	1617		487.466
12	2	70.9	8	1427		538.854
13	3	88.4	8	1156	1584	380.772
14	2	52.9	8	1827		249.229
15	1	84.6	8			501.247
16	2	78	8	1096		347.565
17	1	86.3	8			536.082

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 16

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	58.1	9	1921	1598	74.599
2	2	65.2	9	1792		66.241
3	2	76	9	1719		361.894
4	1	78.5	9			811.941
5	2	81.6	9	1796		406.869
6	2	57	9	1282		333.406
7	2	77.1	9	1272		269.123
8	2	64.3	9	1201		429.78
9	3	53	9	1732	1759	27.487
10	2	53.4	9	1521		341.394
11	2	70.3	9	1263		604.511
12	1	67.2	9			123.369
13	3	90.7	9	1494	1249	274.086
14	1	72.1	9			43.443

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	59.4	14	1763		418.849
2	1	78.4	14			190.768
3	2	90	14	1466		560.12
4	2	100	14	1297		486.82
5	3	93.8	14	1316	1764	25.16
6	3	51	14	1119	1242	189.07
7	2	93.1	14	1919		332.39
8	1	73.7	14			607.48
9	2	60.3	14	1032		277.1
10	1	89.4	14			643.08
11	3	86.5	14	1553	1850	349
12	1	52.4	14			133.44
13	3	86.8	14	1566	1660	713.87
14	3	93.3	14	1214	1554	319.3
15	3	66.8	14	1308	1410	322.8
16	2	58	14	1730		406.9

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	60.6	8	1842	1108	703.383
2	2	75.3	8	1595		154.079
3	1	62.7	8			374.99
4	2	83.8	8	1597		179.46
5	2	55	8	1364		658.11
6	1	61.1	8			124.25
7	1	58.8	8			611.83
8	1	73.4	8			721.41
9	3	81.3	8	1461	1294	545.25
10	2	70.6	8	1042		385.28
11	2	59.6	8	1775		46.83
12	1	76	8			552.3
13	1	69.8	8			267.56
14	1	89.9	8			25.4
15	1	58.2	8			364.3

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	81.4	11	1468		944.543
2	2	78.8	11	1146		835.647
3	2	73.6	11	1564		286.773
4	2	71.4	11	1734		863.93
5	2	64.4	11	1807		1255.667
6	3	80.1	11	1848	1754	4.583
7	1	90.5	11			1228.43
8	3	56.4	11	1984	1417	123.527
9	1	65.3	11			479.433

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	52.2	7	1646		514.354
2	2	88	7	1236		209.58
3	2	84	7	1417		603
4	2	65.3	7	1164		287.76
5	2	52.1	7	1875		781.23
6	2	69.1	7	1234		122.75
7	3	90.2	7	1510	1237	261.33
8	3	74.9	7	1926	1112	854.06
9	3	91.6	7	1057	1924	237.08
10	3	91.7	7	1881	1115	1024.6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 8

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	82.5	16	1593		101.223
2	1	56	16			421.33
3	3	72.7	16	1921	1332	631.2
4	1	56.4	16			41.84
5	3	55.4	16	1809	1806	410.43
6	2	68.9	16	1006		689.91
7	1	79.6	16			606.97
8	2	75.7	16	1876		719.4

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 22

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	72.6	10	1774		646.716
2	3	54	10	1274	1570	111.942
3	3	53.7	10	1315	1805	504.367
4	2	62.9	10	1326		547.28
5	1	71.3	10			632.643
6	2	62	10	1476		529.507
7	1	87.1	10			288.73
8	2	83.7	10	1545		316.183
9	1	76.9	10			533.057
10	2	73.9	10	1933		231.49
11	2	92.8	10	1674		501.303
12	1	83.8	10			656.407
13	2	82.3	10	1537		552.08
14	1	67.2	10			405.933
15	2	89.8	10	1008		238.887
16	2	74.1	10	1505		544.4
17	1	87.5	10			140.333
18	2	76.1	10	1819		385.967

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	95.7	7	1592		481.665
2	1	55.1	7			463.403
3	3	56.1	7	1305	1255	157.067
4	2	91.9	7	1322		117.17
5	1	92.4	7			361.813
6	2	74.5	7	1978		217.907
7	2	66.4	7	1716		428.48
8	3	96.2	7	1365	1441	598.573
9	3	64.3	7	1056	1672	22.887
10	1	90.6	7			399.22
11	2	60.2	7	1824		477.153
12	1	89.3	7			568.237
13	3	83.8	7	1736	1502	574.98
14	3	56.8	7	1086	1961	447.993
15	2	91.8	7	1820		39.407
16	2	65.2	7	1659		568.1
17	2	78.9	7	1513		37.833
18	2	61.1	7	1323		85.167

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	84.9	7	1003		167.025
2	1	87.7	7			337.427
3	2	83.2	7	1337		196.724
4	3	95.1	7	1003	1888	462.901
5	3	51.8	7	1011	1471	369.789
6	2	90.9	7	1776		786.866
7	1	58.6	7			82.753
8	2	84	7	1912		22.74
9	2	55.6	7	1941		37.157
10	2	71.6	7	1937		513.394
11	3	57.2	7	1495	1302	613.391
12	2	75.1	7	1861		169.779
13	2	83.2	7	1743		31.886
14	1	64	7			490.743

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	78.6	10			196.899
2	2	86.8	10	1532		15.781
3	2	67.6	10	1930		592.757
4	1	85	10			65.64
5	3	68.2	10	1673	1163	588.263
6	2	50.8	10	1247		643.257
7	3	58.5	10	1420	1064	23.2
8	2	54.5	10	1098		406.173
9	1	89.8	10			86.317
10	3	50	10	1692	1443	190.71
11	3	66.7	10	1314	1258	527.943
12	3	50	10	1307	1846	656.267
13	1	85.9	10			627.37
14	1	88.2	10			406.973
15	2	95.4	10	1491		62.237
16	2	77.9	10	1559		43.4
17	3	53.1	10	1212	1355	155.733
18	3	95.2	10	1371	1384	366.467

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 26

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	62.3	6	1815		698.233
2	2	62	6	1730		332.68
3	2	55.6	6	1502		109.47
4	2	69.2	6	1088		440.63
5	3	69	6	1962	1658	790.5
6	3	76.8	6	1987	1184	433.41
7	1	87.5	6			618.43
8	2	55.6	6	1134		99.85
9	2	68.9	6	1626		501.41
10	1	54.9	6			556.86
11	1	82.3	6			163.02
12	1	74.6	6			575.25
13	2	95.5	6	1646		363.03
14	2	64.2	6	1047		254.3
15	3	69.4	6	1229	1750	227.8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	84.9	9			279.691
2	2	78.7	9	1215		664.301
3	2	76.8	9	1818		827.562
4	1	75.1	9			158.963
5	1	87.8	9			880.724
6	3	59.9	9	1417	1656	122.335
7	2	75	9	1384		674.975
8	1	60	9			568.596
9	2	91.5	9	1298		42.667
10	2	60	9	1789		742.218
11	2	52.5	9	1633		496.109

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	77.1	9	1307		585.445
2	3	77.6	9	1349	1616	457.593
3	2	83.3	9	1858		411.607
4	1	64.1	9			222.85
5	2	88.5	9	1032		35.023
6	2	81.2	9	1165		372.877
7	2	92.5	9	1977		29.75
8	3	98.5	9	1240	1069	634.183
9	2	88.3	9	1579		332.847
10	2	90.7	9	1581		536.4
11	2	54	9	1659		161.133
12	1	69.1	9			484.817
13	2	52.4	9	1872		649.18
14	2	55.3	9	1154		111.203
15	2	95.9	9	1841		235.877
16	3	85.5	9	1944	1967	539.6
17	2	75.7	9	1862		256.133
18	2	63.6	9	1109		490.067

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 29

Bursts in Trial: 8

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	92.6	5	1955		1389.93
2	2	64.4	5	1859		1222.85
3	2	92.2	5	1022		1219.76
4	2	74.4	5	1947		1003.94
5	2	75.2	5	1755		828.61
6	2	82.4	5	1499		315.07
7	2	79.9	5	1899		114.91
8	2	70.3	5	1717		1236.3

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	94.8	9	1153		995.383
2	3	96.2	9	1707	1073	97.827
3	3	92.3	9	1554	1629	686.323
4	2	89.7	9	1703		435.28
5	2	80.7	9	1062		354.647
6	1	69.8	9			267.973
7	3	99.1	9	1007	1832	150.73
8	2	64.2	9	1923		580.527
9	1	64.1	9			467.533

80 MHz Channel Probability

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test: 19.6% duty cycle

RADAR TYPE 1

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	81	1	658	y
2	89	1	598	y
3	57	1	938	y
4	72	1	738	n
5	57	1	938	y
6	70	1	758	y
7	18	1	3066	y
8	61	1	878	y
9	89	1	598	y
10	98	1	538	y
11	76	1	698	y
12	68	1	778	y
13	78	1	678	y
14	57	1	938	y
15	83	1	638	y
16	78	1	678	y
17	83	1	638	y
18	95	1	558	y
19	102	1	518	y
20	83	1	638	n
21	61	1	878	y
22	61	1	878	y
23	86	1	618	y
24	61	1	878	y
25	76	1	698	y
26	72	1	738	y
27	83	1	638	y
28	57	1	938	y
29	61	1	878	y
30	81	1	658	n

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 2

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	27	3.4	183	y
2	27	1.8	185	y
3	25	2.1	175	y
4	29	2	220	y
5	25	3.9	207	n
6	26	3.5	161	y
7	25	4.2	172	y
8	26	2.9	175	n
9	28	4.6	175	y
10	26	1.6	155	n
11	24	2.6	189	y
12	27	1.7	155	y
13	24	3.2	167	y
14	27	4.9	196	y
15	24	3	228	y
16	25	1.7	192	y
17	26	4.8	179	n
18	26	1	163	y
19	24	3.2	191	n
20	24	2.4	153	y
21	27	2.9	183	y
22	25	4.3	227	y
23	26	4.2	163	n
24	28	1.5	204	y
25	24	1.2	157	y
26	28	1.2	213	y
27	26	4.5	186	y
28	26	2.1	156	y
29	26	2	150	y
30	25	4.8	183	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 3

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	17	8.5	210	y
2	18	8.6	311	y
3	17	9.5	465	y
4	17	6.3	344	y
5	17	9	296	y
6	17	6.8	418	y
7	16	10	237	y
8	17	6.5	202	y
9	16	9.5	430	n
10	16	8.4	411	n
11	16	9.8	418	y
12	18	8.5	272	y
13	17	8.9	417	y
14	17	7.6	349	y
15	17	9.5	227	y
16	17	8.1	359	y
17	16	6.1	445	y
18	18	7.3	372	y
19	17	8	428	y
20	16	9.6	422	y
21	16	7.6	303	y
22	18	9.6	302	y
23	17	6.2	323	y
24	17	7.5	293	y
25	17	6.8	338	y
26	17	9.7	429	y
27	17	8.2	345	y
28	18	9.8	202	y
29	18	8.2	460	y
30	17	7.5	376	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

RADAR TYPE 4

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	13	19.7	428	y
2	14	19.7	220	y
3	12	17.5	279	y
4	15	14.9	296	y
5	15	18.4	339	y
6	14	11.3	422	n
7	14	17.5	239	y
8	16	17.1	447	y
9	15	15.7	389	y
10	13	11.6	262	n
11	13	18.3	339	y
12	14	16.9	280	y
13	16	11.5	247	y
14	13	17.6	249	y
15	14	15.1	392	y
16	14	18.2	362	y
17	16	15.7	472	y
18	14	11.4	337	y
19	15	14.4	494	y
20	15	17.3	311	y
21	14	19.7	428	y
22	13	15.8	371	y
23	16	16.6	340	y
24	13	16.3	469	y
25	15	12.3	310	y
26	14	18.1	239	y
27	15	12.5	313	y
28	15	16.4	211	n
29	16	18.6	461	y
30	13	11.7	326	y

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test:

TYPE 5

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Detection (yes/no)
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	54.7	15	1823		413.763
2	3	77.4	15	1863	1453	563.453
3	2	67.8	15	1829		798.876
4	2	57.7	15	1446		904.089
5	2	73.3	15	1620		665.192
6	2	61.6	15	1153		497.415
7	3	51.6	15	1285	1861	346.618
8	1	54	15			501.702
9	2	54.6	15	1384		63.665
10	1	72.8	15			226.918
11	3	99.1	15	1481	2000	157.251
12	2	77.7	15	1376		45.654
13	2	99.5	15	1564		893.377

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	53.9	6	1297		314.766
2	2	73	6	1356		550.583
3	3	60.3	6	1551	1600	601.797
4	2	55.7	6	1223		36.73
5	1	61.9	6			614.773
6	3	60.3	6	1141	1367	87.097
7	1	75	6			439.87
8	1	76.2	6			248.703
9	2	89.3	6	1429		174.267
10	1	83.9	6			321.42
11	3	85.3	6	1304	1551	154.393
12	2	53.6	6	1190		623.027
13	2	81.3	6	1877		74.32
14	3	89.1	6	1043	1643	641.633
15	2	91.7	6	1264		290.907
16	3	97	6	1951	1608	225.8
17	2	87.6	6	1148		213.433
18	2	60.4	6	1942		433.067

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	67.9	13			284.24
2	1	67.9	13			171.019
3	2	54.5	13	1198		265.472
4	1	83.6	13			214.763
5	2	82.7	13	1811		27.664
6	2	57.7	13	1332		469.755
7	2	96.2	13	1275		623.306
8	2	62.2	13	1772		213.687
9	2	81.9	13	1783		574.688
10	2	50.5	13	1202		210.489
11	3	54.9	13	1260	1484	169.371
12	1	62.1	13			241.182
13	1	63.8	13			513.163
14	2	98.6	13	1047		271.474
15	3	54.4	13	1532	1712	456.505
16	2	99.4	13	1206		591.916
17	1	62.1	13			524.737
18	2	81.2	13	1347		229.858
19	2	96.1	13	1143		439.879

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	61	5	1310	1779	849.094
2	3	60.2	5	1872	1886	540.773
3	1	53.6	5			149.666
4	2	50.8	5	1293		556.529
5	2	62	5	1349		82.042
6	2	99.7	5	1160		400.675
7	1	67.5	5			757.338
8	2	53.5	5	1159		651.912
9	2	96.1	5	1940		882.865
10	1	97.8	5			602.898
11	1	79.8	5			133.051
12	1	70.1	5			754.754
13	1	87.2	5			441.277

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	51.2	11			616.568
2	2	88.2	11	1281		271.735
3	2	50	11	1378		159.272
4	2	84.8	11	1072		448.903
5	3	84.5	11	1654	1726	35.074
6	3	88.2	11	1585	1876	185.045
7	1	75.3	11			318.606
8	2	54.7	11	1464		556.167
9	2	95.3	11	1862		529.238
10	2	92.8	11	1975		200.439
11	1	89.5	11			243.781
12	2	70.5	11	1655		480.882
13	2	71.9	11	1991		33.073
14	2	69.7	11	1596		448.274
15	1	77.9	11			428.035
16	1	79.8	11			299.006
17	2	80.3	11	1445		137.237
18	1	54.7	11			604.658
19	2	86	11	1173		409.879

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 6

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	68	15	1869		1065.06
2	3	70.1	15	1978	1530	295.681
3	1	63.8	15			469.412
4	3	91.9	15	1330	1031	216.163
5	2	94.6	15	1787		583.114
6	1	86.4	15			63.675
7	3	97.3	15	1620	1087	274.845
8	2	98.1	15	1811		195.326
9	2	94.3	15	1702		615.687
10	2	55.2	15	1826		1034.918
11	3	99.9	15	1098	1212	395.209

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	56.4	10	1999	1878	157.6
2	3	64.8	10	1619	1386	704.203
3	1	58.9	10			389.176
4	2	76.6	10	1559		845.019
5	2	56.3	10	1165		766.582
6	1	85.7	10			94.325
7	1	63.8	10			638.158
8	3	54.3	10	1221	1006	768.162
9	2	70.4	10	1150		170.275
10	3	80.3	10	1147	1483	580.138
11	2	75.1	10	1361		625.271
12	3	60.1	10	1945	1549	485.954
13	2	51.6	10	1953		620.577

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 8

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	67.5	12	1881		277.301
2	3	98.4	12	1501	1710	222.775
3	2	87.9	12	1749		200.322
4	2	97.8	12	1702		608.463
5	2	56	12	1503		262.624
6	2	65.2	12	1368		108.755
7	3	93.1	12	1492	1204	118.926
8	1	71	12			111.677
9	2	57.1	12	1860		443.378
10	2	95.6	12	1475		386.299
11	2	60.2	12	1831		54.481
12	2	66	12	1177		66.892
13	2	96	12	1696		435.733
14	3	63.4	12	1957	1344	559.804
15	3	79.6	12	1465	1648	52.075
16	2	99	12	1279		518.036
17	1	90.1	12			144.637
18	1	64.7	12			351.458
19	2	94.3	12	1305		165.579

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	89.6	19	1639	1187	213.999
2	3	70.9	19	1415	1066	735.57
3	2	76.2	19	1827		508.89
4	3	78.5	19	1240	1888	74.95
5	3	99.8	19	1870	1993	346.22
6	2	95.9	19	1738		625.4
7	3	55.6	19	1878	1138	625.87
8	3	50	19	1095	1112	692.5
9	1	76.4	19			284.92
10	2	60.8	19	1008		495.61
11	3	86.3	19	1241	1205	176.11
12	3	52	19	1549	1213	435.66
13	2	62	19	1684		477.29
14	1	93.7	19			630.9
15	2	57.6	19	1647		454.1
16	2	80	19	1780		310.1

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 10

Bursts in Trial: 20

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	61.2	9	1576		276.148
2	2	53.3	9	1803		167.588
3	1	51.4	9			440.9
4	1	58.8	9			248.17
5	2	77.3	9	1510		19.22
6	2	83	9	1869		360.8
7	3	98.6	9	1036	1661	342.58
8	2	69	9	1864		49.75
9	3	51.1	9	1114	1483	346.21
10	2	94.8	9	1595		187.82
11	2	67.9	9	1525		556.06
12	2	54.6	9	1420		581.19
13	2	74.9	9	1069		308.57
14	3	87.5	9	1291	1665	159.06
15	3	99.5	9	1914	1311	179.93
16	1	98.3	9			343.93
17	3	79.6	9	1152	1659	40.42
18	2	62.3	9	1860		192.9
19	1	70.2	9			501.7
20	2	62.8	9	1408		586.5

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 11

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	95	7	1129	1981	602.725
2	1	56.2	7			1.089
3	1	68.1	7			389.187
4	3	75.9	7	1963	1237	129.67
5	1	84.8	7			206.243
6	2	76.7	7	1362		115.347
7	1	93.5	7			276.87
8	2	89.6	7	1002		66.113
9	2	75.9	7	1101		440.977
10	1	61.9	7			211.26
11	2	54.5	7	1149		381.323
12	3	67.8	7	1550	1539	460.087
13	3	98.4	7	1130	1220	475.06
14	2	88.5	7	1172		656.603
15	2	63	7	1132		103.717
16	2	61.2	7	1741		641.8
17	1	90.9	7			433.933
18	3	80.6	7	1874	1681	203.567

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	89.3	6			647.32
2	2	58.5	6	1062		113.323
3	2	94.7	6	1911		720.876
4	2	91	6	1122		658.099
5	2	96.4	6	1472		71.142
6	2	63.8	6	1874		726.665
7	2	63.7	6	1295		545.348
8	1	92.3	6			865.622
9	1	97.8	6			704.035
10	3	92.8	6	1080	1579	505.978
11	3	67.4	6	1496	1200	667.621
12	2	64.9	6	1751		565.654
13	2	71.9	6	1470		265.177

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	73.1	12	1751	1320	412.217
2	2	66.5	12	1476		548.731
3	3	92.2	12	1822	1754	65.162
4	1	62	12			465.513
5	2	67.9	12	1748		127.624
6	3	75.7	12	1005	1705	69.055
7	1	91.7	12			50.285
8	1	57.6	12			933.976
9	2	91.7	12	1963		103.747
10	1	72.5	12			263.118
11	2	71	12	1917		1051.809

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	78.8	14			869.048
2	2	82.6	14	1052		317.873
3	2	64.8	14	1299		814.846
4	3	77.3	14	1589	1693	789.649
5	2	96.2	14	1039		453.602
6	2	87.8	14	1570		116.595
7	2	62.3	14	1131		13.198
8	3	98.8	14	1754	1216	708.982
9	2	79.9	14	1208		423.945
10	3	90.5	14	1629	1456	630.798
11	3	70.9	14	1142	1737	740.321
12	1	74.2	14			416.654
13	2	57.2	14	1031		788.177

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	63.9	18	1256		177.942
2	2	85.2	18	1399		188.291
3	2	98.8	18	1785		868.732
4	2	73.2	18	1547		215.583
5	1	95.4	18			937.334
6	2	90	18	1810		725.835
7	2	89.6	18	1674		679.335
8	2	64.9	18	1511		57.826
9	1	71.1	18			565.747
10	3	60.6	18	1890	1017	268.218
11	2	77.3	18	1492		1047.809

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 16

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	85.9	20	1113		263.762
2	2	92.4	20	1145		767.42
3	2	86.6	20	1931		85.11
4	1	69.3	20			235.32
5	2	95.7	20	1188		637.72
6	1	63.3	20			486.19
7	3	65.5	20	1519	1324	299.29
8	1	80.8	20			240.76
9	2	60.9	20	1757		38.82
10	3	80	20	1257	1028	144.51
11	2	90.8	20	1617		475.84
12	2	70.6	20	1515		194.27
13	2	69.6	20	1230		244.26
14	2	79.5	20	1737		636.3
15	1	67.7	20			743.9

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	71.7	20	1315	1044	577.412
2	2	79.7	20	1294		734.84
3	2	83	20	1701		679.72
4	2	90.9	20	1920		365.15
5	2	72.5	20	1423		656.27
6	1	61.3	20			187.68
7	2	82.6	20	1477		709.29
8	2	83.5	20	1256		757.64
9	3	83.1	20	1513	1063	846.3
10	2	63.3	20	1367		160.2

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 8

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	56.4	10	1236		798.085
2	2	92.1	10	1681		1431.78
3	3	88	10	1031	1721	128.41
4	2	93.9	10	1247		940.5
5	2	50.8	10	1748		1259.66
6	3	71.2	10	1252	1312	1204.66
7	2	92.3	10	1889		1179.6
8	2	71.9	10	1700		182

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 20

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	71.3	19	1876		160.614
2	2	57.2	19	1465		581.91
3	2	90.5	19	1346		263.73
4	3	86.2	19	1013	1122	395.22
5	1	55.8	19			133.94
6	1	89.5	19			160.83
7	2	97.9	19	1991		254.3
8	3	55.2	19	1898	1510	551.54
9	2	76.1	19	1225		153.83
10	2	96.7	19	1736		561.81
11	2	75.7	19	1788		212.5
12	2	99.5	19	1681		510.87
13	1	61.4	19			104.84
14	3	66.9	19	1577	1032	194.49
15	2	80.5	19	1472		6.09
16	1	75.1	19			329.11
17	2	57.5	19	1883		344.67
18	1	60.9	19			235
19	1	84.9	19			286.3
20	2	60.6	19	1925		120

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	83.1	20			584.45
2	2	65.6	20	1569		613.443
3	2	99.7	20	1226		516.466
4	2	77	20	1685		892.459
5	2	96.4	20	1152		882.662
6	2	96	20	1416		833.715
7	3	95.4	20	1333	1669	182.608
8	2	78.2	20	1654		831.312
9	2	98	20	1746		850.375
10	1	96.3	20			62.498
11	1	56.8	20			283.901
12	1	62.2	20			664.954
13	1	50.8	20			641.777

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	85.5	5	1883		206.092
2	2	89	5	1708		795.303
3	3	72.2	5	1586	1786	568.586
4	3	89.7	5	1130	1884	696.539
5	2	92.2	5	1454		95.242
6	2	54.1	5	1990		492.235
7	1	69.2	5			116.748
8	2	63.2	5	1586		636.622
9	2	64.5	5	1999		627.815
10	3	99.6	5	1091	1842	853.618
11	1	74.1	5			192.821
12	1	94.2	5			805.254
13	2	81.9	5	1300		780.777

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 22

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	70.6	14			229.366
2	2	80.8	14	1762		887.233
3	1	57.4	14			876.576
4	1	92.7	14			35.939
5	3	98	14	1210	1410	40.862
6	2	75.7	14	1018		332.165
7	2	91.6	14	1247		257.268
8	3	64.4	14	1093	1531	310.042
9	1	50.3	14			774.175
10	1	85.9	14			484.758
11	2	72.2	14	1929		562.961
12	2	88.8	14	1781		777.654
13	1	58	14			494.477

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	53.3	8			343.426
2	3	51.2	8	1764	1954	296.541
3	3	95.1	8	1368	1093	623.872
4	1	57.8	8			1024.963
5	2	72.3	8	1761		202.044
6	2	90.2	8	1540		872.605
7	2	84.8	8	1015		769.745
8	2	82.1	8	1549		602.986
9	1	65.9	8			1021.827
10	3	98.7	8	1151	1837	340.118
11	1	96	8			252.709

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 8

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	90.5	20	1535	1161	173.978
2	3	65.9	20	1409	1365	1280.26
3	2	95.3	20	2000		326.12
4	2	51.3	20	1348		257.13
5	2	60.7	20	1831		834.15
6	1	64.1	20			903.6
7	1	69.7	20			1137.7
8	2	83.3	20	1214		31

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	74.6	7	1577	1948	694.19
2	2	92.7	7	1711		562.97
3	3	73.4	7	1975	1940	197.29
4	2	57.8	7	1864		387.98
5	3	85.3	7	1613	1552	513.19
6	1	75.5	7			482.31
7	3	91.3	7	1390	1755	308.66
8	1	84.9	7			161.92
9	2	59.5	7	1497		583.88
10	1	70.8	7			506.15
11	1	75.9	7			163.21
12	2	73.9	7	1844		22.83
13	3	53.9	7	1878	1110	144.01
14	3	60.9	7	1367	1574	705.4
15	2	81.8	7	1861		534.6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 26

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	56.7	19			941.825
2	2	54.5	19	1057		621.06
3	2	51.7	19	1344		797.86
4	2	80.8	19	1250		634.64
5	2	76.9	19	1483		256.9
6	2	89.2	19	1944		915.31
7	2	73.1	19	1976		538.68
8	2	64.2	19	1863		859.57
9	3	80.4	19	1175	1788	265.52
10	1	70.5	19			735.61
11	1	65.3	19			125.6
12	3	72.2	19	1497	1611	633.2

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	92.3	13	1189	1244	309.777
2	2	67.4	13	1723		560.08
3	1	99.5	13			100.99
4	2	96.9	13	1932		80.02
5	2	61.2	13	1200		472.25
6	2	80.7	13	1701		246.94
7	2	77.6	13	1333		475.89
8	3	73.7	13	1599	1694	457.33
9	1	91.2	13			117.84
10	2	64.7	13	1405		752.36
11	2	87	13	1185		766.04
12	2	78.2	13	1788		771.13
13	2	51.1	13	1094		744.3
14	2	61.1	13	1429		267.4
15	2	83.9	13	1315		296.6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	95.5	6			861.41
2	2	63.2	6	1460		199.973
3	1	86.4	6			230.376
4	2	66.3	6	1331		685.189
5	2	96	6	1136		35.362
6	1	69.3	6			12.145
7	1	97.5	6			422.318
8	2	66.2	6	1536		271.572
9	2	78.3	6	1256		855.625
10	2	55.3	6	1760		735.088
11	1	53.6	6			438.511
12	2	99.6	6	1434		420.254
13	1	81.3	6			184.377

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 29

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	94.8	11	1054	1255	1047.39
2	2	76.5	11	1061		149.31
3	1	93.7	11			698.44
4	2	54.3	11	1048		1118.45
5	3	59.9	11	1968	1878	36.07
6	3	79.6	11	1411	1191	13.99
7	2	51.6	11	1425		660.31
8	3	93.9	11	1455	1926	145.84
9	2	71.3	11	1564		46.88
10	2	82.6	11	1599		964.8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	81.2	11			551.49
2	2	88.9	11	1838		444.407
3	2	91.8	11	1668		724.564
4	1	90.1	11			545.301
5	2	94.2	11	1878		616.279
6	2	84.7	11	1689		723.466
7	2	75.6	11	1306		757.043
8	3	70.3	11	1195	1651	378.42
9	1	97	11			326.727
10	3	71.6	11	1588	1847	215.624
11	2	69.1	11	1908		476.771
12	1	85.3	11			374.869
13	1	63.6	11			24.286
14	1	73.9	11			381.743