FCC DFS TEST REPORT

According to

FCC Rules and Regulations

Part 15.407 Subpart E

Applicant	:	Netgear, Inc.
Address	:	350 East Plumeria Drive San Jose, CA 95134 USA
Equipment	:	RangeMax Dual Band Wireless-N USB Adapter
Model No.	:	WNDA3100v2
FCC ID	:	PY309200107
Trade Name	:	NETGEAR

Laboratory accreditation

Testing Laboratory
1332

- **This test report is only for the 802.11a part of the test result.**
- The test result refers exclusively to the test presented test model / sample.
- Without written approval of **Cerpass Technology Corp.**, the test report shall not be reproduced except in full.

Contents

CERTIFICATE OF COMPLIANCE

According to

FCC Rules and Regulations

Part 15.407 Subpart E

Applicant	:	Netgear, Inc.
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Model No.	:	WNDA3100v2
FCC ID	:	PY309200107

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4.** The equipment was ***passed*** the test performed according to **FCC Rules and Regulations Part 15.407 Subpart E (2007).**

Testing was carried out on Apr. 14, 2009 at ***Cerpass Technology Corp.***

Signature

Anson Chou
EMC/RF B.U. Vice General Manager

1. List of Measurements and Examinations

EUT Applicability of DFS requirements and Frequency Range

Operation Mode		Operating Frequency Range	
		5250-5350MHz	5470-5725MHz
Master	--	--	--
Client without radar detection	√	√	√
Client with radar detection	--	--	--

Minimum limit for DFS testing

Maximum Transmit Power	Value*	Minimum Antenna Gain(dBi)	Attach	limit
≧200milli	-64	--	1dB	--
＜200milli	-62	0		-61dBm

*1 This is the level at the input of the receiver assuming a 0dBi receive antenna.
*2 Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Table1: Applicability of DFS requirements prior to use of a channel

Requirement	DFS Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-occupancy period	---	Not required	---
DFS Detection Threshold	---	Not required	---
Channel Availability Check Time	---	Not required	Not required
U-NII Detection Bandwidth	---	Not required	Not required
Uniform Spreading	---	Not required	---

Table2: Applicability of DFS requirements during normal operation

Requirement	DFS Operational Mode		
	Master	Client without radar detection	Client with radar detection
DFS Detection Threshold	---	Not required	Not required
Channel Move Time	---	√	---
Channel Closing Transmission Time	---	√	---
U-NII Detection Bandwidth	---	Not required	---

2. Antenna Requirements

2.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds dBi.

2.2 Antenna Construction and Directional Gain

Antenna type: PCB Antenna
Antenna R: 1.9 dBi
Antenna L: 2.5 dBi

2.3 Carrier Frequency of Channels

The table below is the summary of the operating frequencies.

Channel	Frequency	Channel	Frequency	Channel	Frequency
52	5260 MHz	100	5500 MHz	132	5660 MHz
56	5280 MHz	104	5520 MHz	136	5680 MHz
60	5300 MHz	108	5540 MHz	140	5700 MHz
64	5320 MHz	112	5560 MHz	---	---
68	5340 MHz	116	5580 MHz	---	---
		120	5600 MHz	---	---
		124	5620 MHz	---	---
		128	5640 MHz	---	---

3. Test Configuration of Equipment under Test

3.1 Feature of Equipment under Test

Antenna	2 integrated internal wireless antennas
Standards	802.11a, 802.11n draft 2.0, 802.11g or 802.11b
Radio Data Rate	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54, 08, 140, 246 and 300Mbps (Auto Rate Sensing)
Frequency	2.4GHz to 2.5GHz CCK and OFDM Modulation ; 5GHz
Power	5V Bus powered
Bus interface	USB 2.0
Provided drivers	Microsoft Vista, Windows XP
Operating Environment	Operating temperature: 0 to 40℃
Encryption	40-bit (also called 64-bit) and 128-bit WEP data encryption and WPA-PSK
Warranty	Limited 1-year warranty
Smart Wizard	Enabled
Wireless	
Wireless Communication	Enabled
Wireless Network Name	Any (will connect to first wireless network that responds)
Security	Disabled
Network Type	Infrastructure
Transmission Speed	Auto

3.2 General Information of Test

Test Site:	Cerpass Technology Corp. 4F-2, No. 28, Lane 78, Xing-Ai Rd. Nei-hu, Taipei City 114 Taiwan
Test Site Location (OATS1-SD):	No.68-1, Shihbachongsi, shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	632249 (Taipei) 916572 (SuZhou)
IC Registration Number :	4934B-1 (Taipei) 7290A-1 (SuZhou)
VCCI Registration Number :	T-338 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V/ 60Hz
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart E

3.3 Test Setup

Setup for Master with injection at the Master

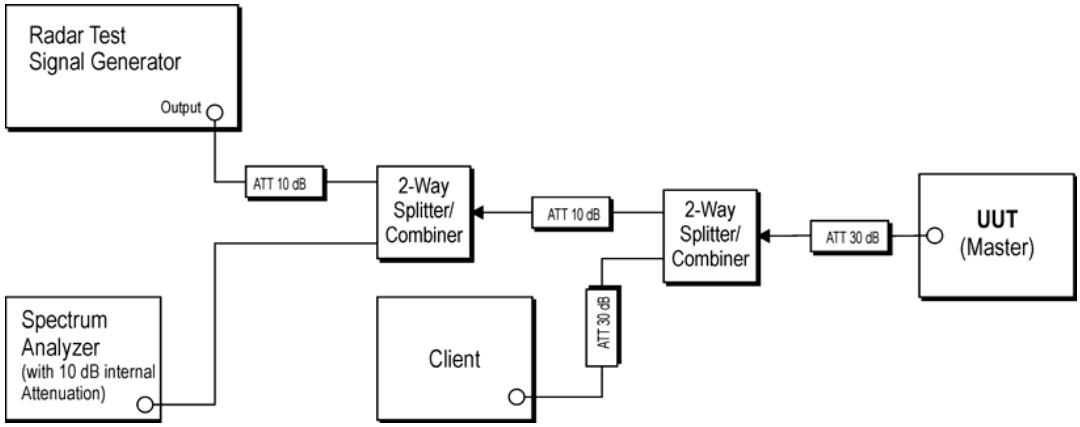


Figure 1: Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master

Setup for Client with injection at the Master

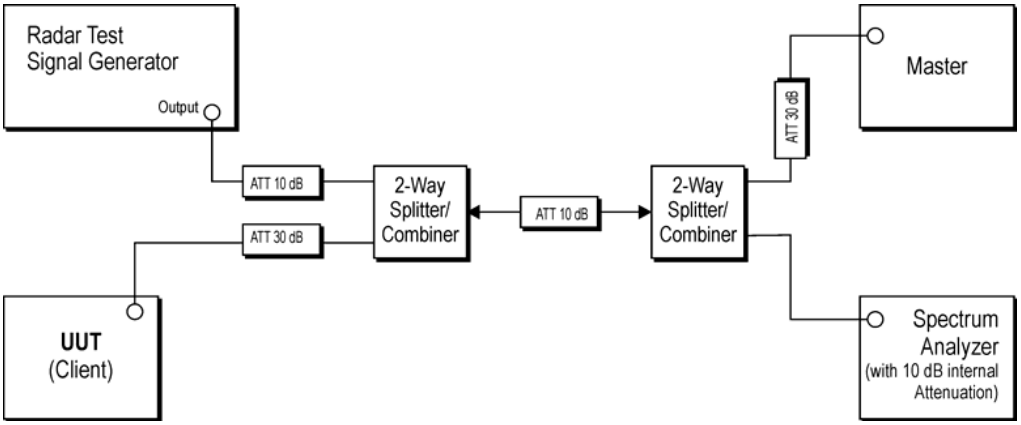


Figure 2: Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Master

Setup for Client with injection at the Client

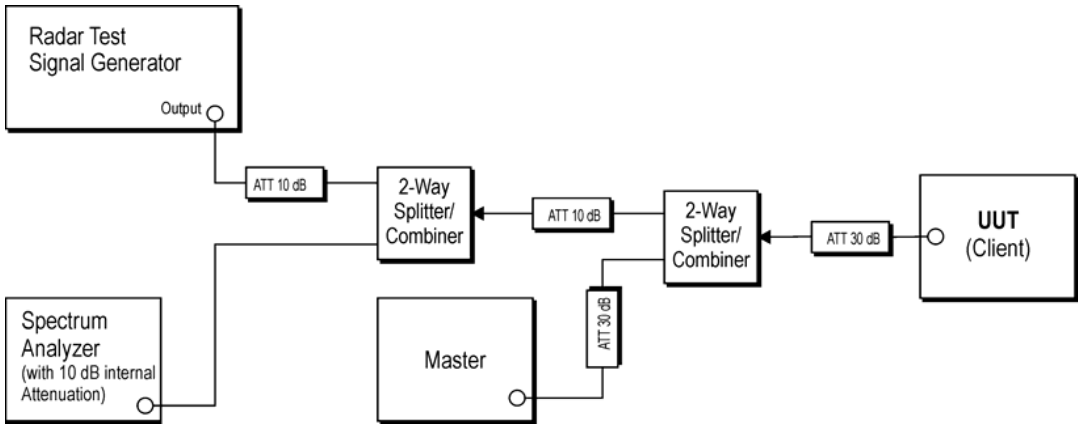


Figure 3: Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Client

3.4 Description of Test system

Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Power Cable, Unshielding 1.8 m
Monitor	SlimAGE	510A	Data Cable, VGA Shielding 1.35 m Power Cable, Adapter Unshielding 1.8 m
Keyboard	IBM	KB-0225	Data Cable, PS2 Shielding 1.35 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Modem	ACEXX	DM-1414	Data Cable, RS232 Unshielding 1.35 m Power Cable, Adapter Unshielding 1.8 m
Printer	HP	Desk Jet 400	Data Cable, PRINT Unshielding 1.6 m Power Cable, Adapter Unshielding 1.8 m
Notebook (Remote Workstation)	DELL	PP10L	Power Cable, Adapter Unshielding 1.8 m

3.5 Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
SPECTRUM ANALYZER	FSP40	R&S	100219	2008/04/28	2009/04/27
Attenuator	8491B	AGILENT	50703	2008/04/16	2009/04/15
Attenuator	8491B	AGILENT	50705	2008/04/16	2009/04/15
Vector Signal Generator	SMU200A	R&S	102669	2008/09/06	2009/09/05
Power Splitter	11667B	HP	07509	N/A	N/A
Power Splitter	11667B	HP	1561	N/A	N/A

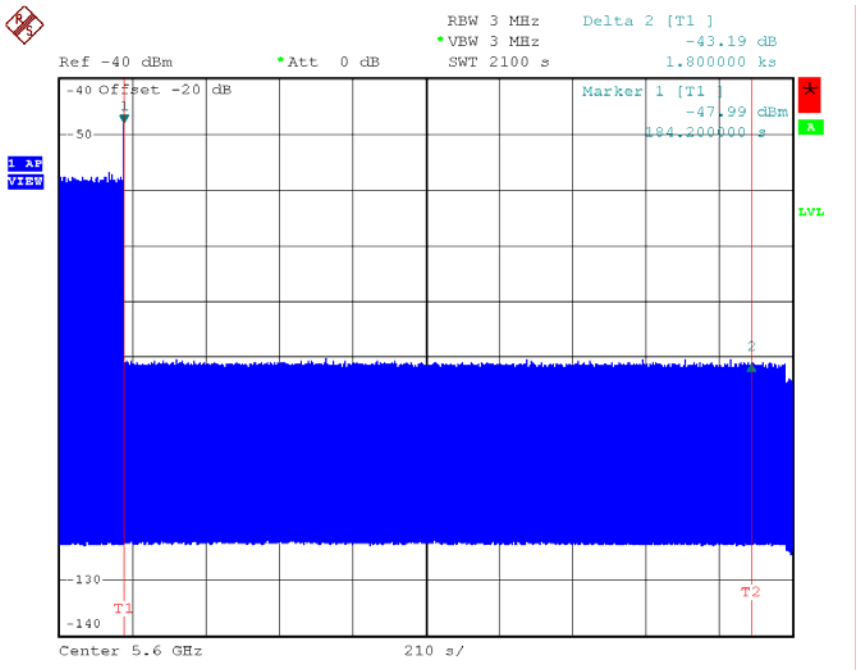
4. Non-Occupancy Period

The Channel Shutdown is defined as the process initiated by the RLAN device immediately after a radar signal has been detected on an Operating Channel.
The master device shall instruct all associated slave devices to stop transmitting on this channel, which they shall do within the Channel Move Time.
Slave devices with a Radar Interference Detection function, shall stop their own transmissions within the Channel Move Time.
The aggregate duration of all transmissions of the RLAN device on this channel during the Channel Move Time shall be limited to the Channel Closing Transmission Time. The aggregate duration of all transmissions shall not include quiet periods in between transmissions.

4.1 Test Limit

Radar Test Signal	Master (min)	Client (min)
1	> 30	> 30
2	> 30	> 30
3	> 30	> 30
4	> 30	> 30
5	> 30	> 30
6	> 30	> 30

4.2 Test Data



5. DFS Detection Threshold

DFS Detection Threshold is the level used by the DFS mechanism to detect radar interference.

5.1 Test Limit

Limits Clause 4.7.2.1.2

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (see note)
≥ 200 mW	-64 dBm
< 200 mW	-62 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.	

5.2 Test Result of DFS Detection Threshold

5.2.1 Prior to use of a channel

The measured channel is 5320MHz. The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master antenna gain is 3.7dBi and required detection threshold is -57.3dBm (= -62 +1+3.7)dBm. The calibrated conducted detection threshold level is set to -57.3dBm. The tested level is lower than required level hence it provides margin to the limit.

5.2.2 During normal operation

The measured channel is 5320MHz. The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master antenna gain is 3.7dBi and required detection threshold is -57.3Bm (= -62 +1+3.7)dBm. The calibrated conducted detection threshold level is set to -57.3dBm. The tested level is lower than required level hence it provides margin to the limit.

6. Channel Availability Check

The Channel Availability Check is defined as the mechanism by which an RLAN device checks a channel for the presence of radar signals.

There shall be no transmissions by the device within the channel being checked during this process.

If no radars have been detected, the channel becomes an Available Channel valid for a period of time.

The RLAN shall only start transmissions on Available Channels.

At power-up, the RLAN is assumed to have no Available Channels.

6.1 Test Limit

Limits Clause 4.7.2.1.2

Table D.2: DFS requirement values

Parameter	Value
Channel Availability Check	60s

7. U-NII Detection Bandwidth

7.1 Test Limit

Limits Clause 4.7.2.1.2 Table D.2: DFS requirement values

Parameter	Value
U-NII Detection Bandwidth	Minimum 80% of the UNII 99% transmission power bandwidth.
Note : During the U-NII Detection Bandwidth detection test, radar type 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

8. Uniform Spreading

The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

8.1 Test Result of Uniform Spreading

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5150 to 5350MHz and 5470 to 5725 MHz shall select an operating channel out of the 15 channels, so that the probability of selecting a given channel shall be the same for all channels.

The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

9. In-Service Monitoring

The In-Service Monitoring is defined as the process by which an RLAN monitors the Operating Channel for the presence of radar signals.

9.1 Test Limit

Parameter	Value
Channel Move Time	< 10 s (See Note 1)
Channel Closing Transmission Time	< 200 ms+ an aggregate of 60 milliseconds over remaining 10 second period. (See Notes 1 and Notes 2.)
Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows: • For the Short Pulse Radar Test Signals this instant is the end of the Burst. • For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated. • For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.	

Limits Clause 4.7.2.2.2

The In-Service Monitoring shall be used to continuously monitor an Operating Channel.

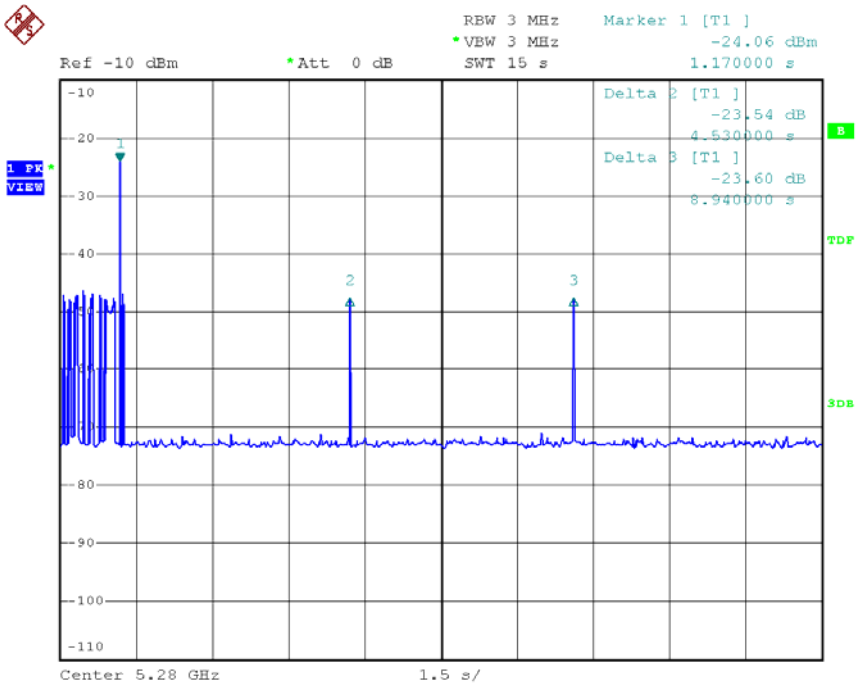
The In-Service-Monitoring shall start immediately after the RLAN has started transmissions on an Operating Channel.

9.2 Test Result

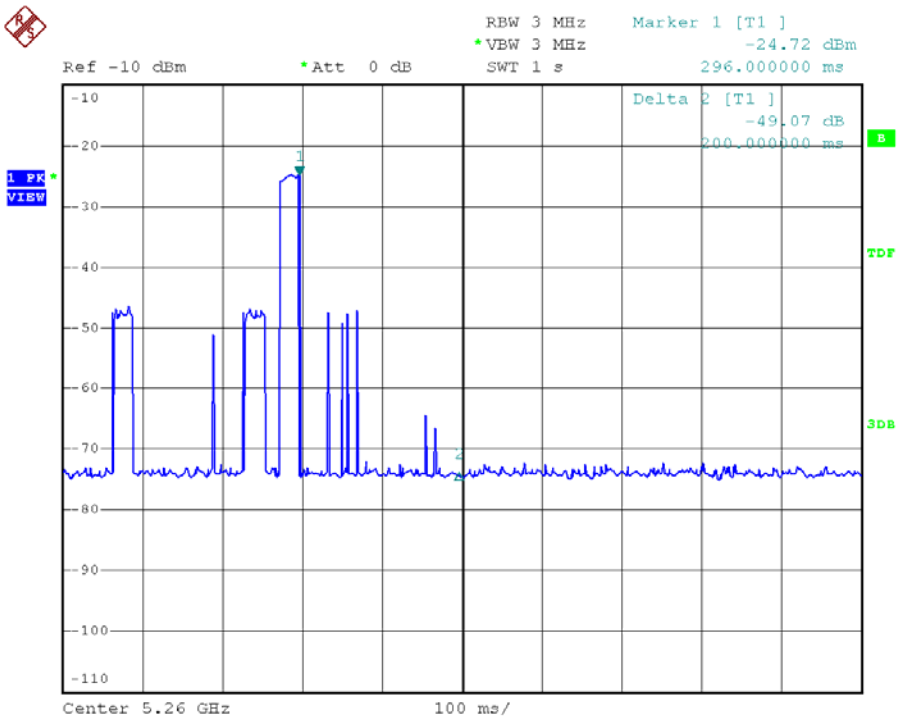
Bandwidth 20MHz

Radar Type 1

Channel Move Time



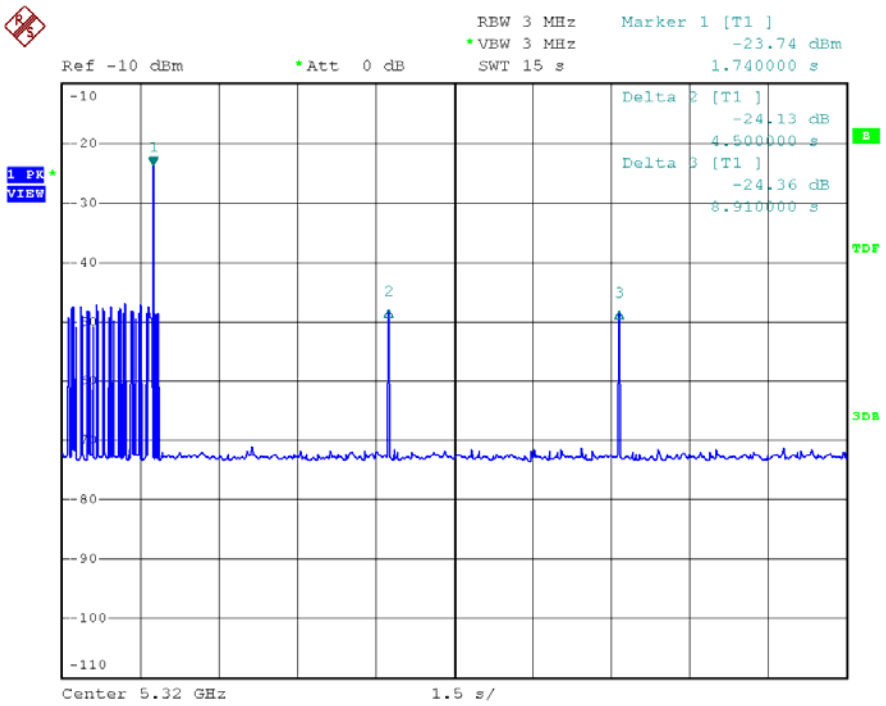
Channel Closing Transmission Time



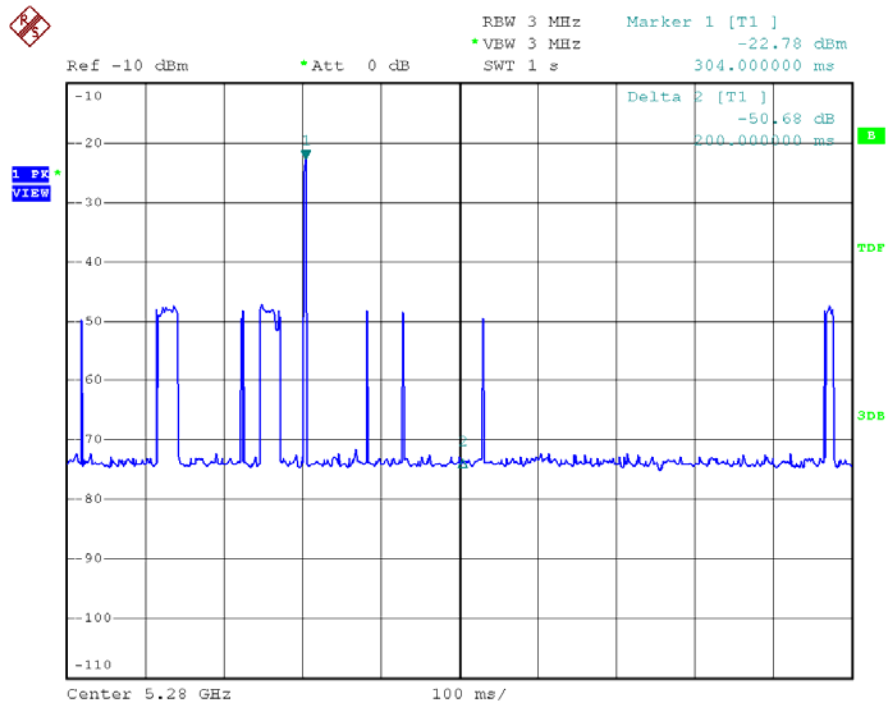
Bandwidth 20MHz

Radar Type 2

Channel Move Time



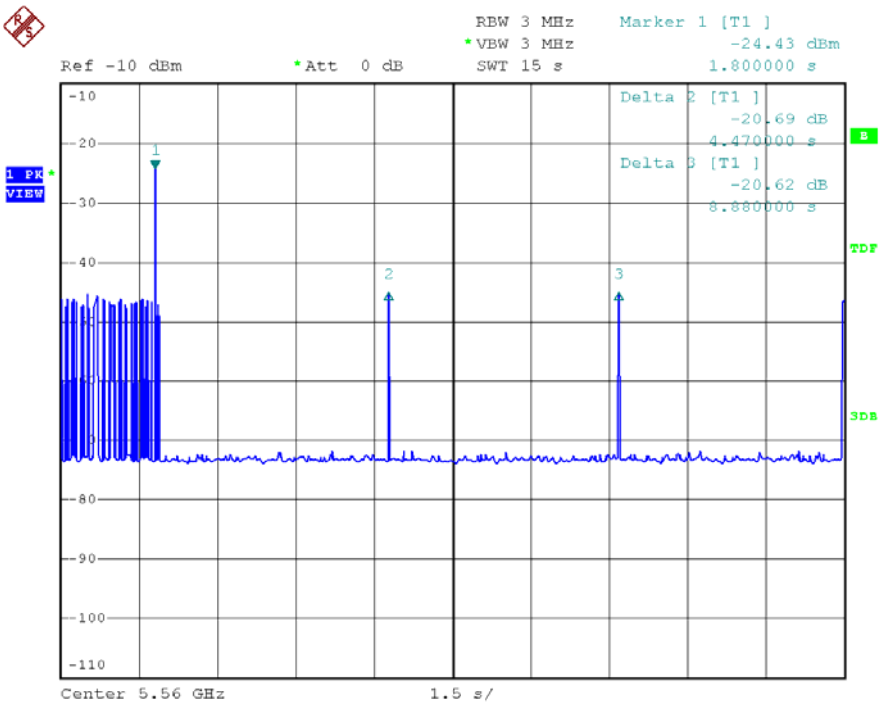
Channel Closing Transmission Time



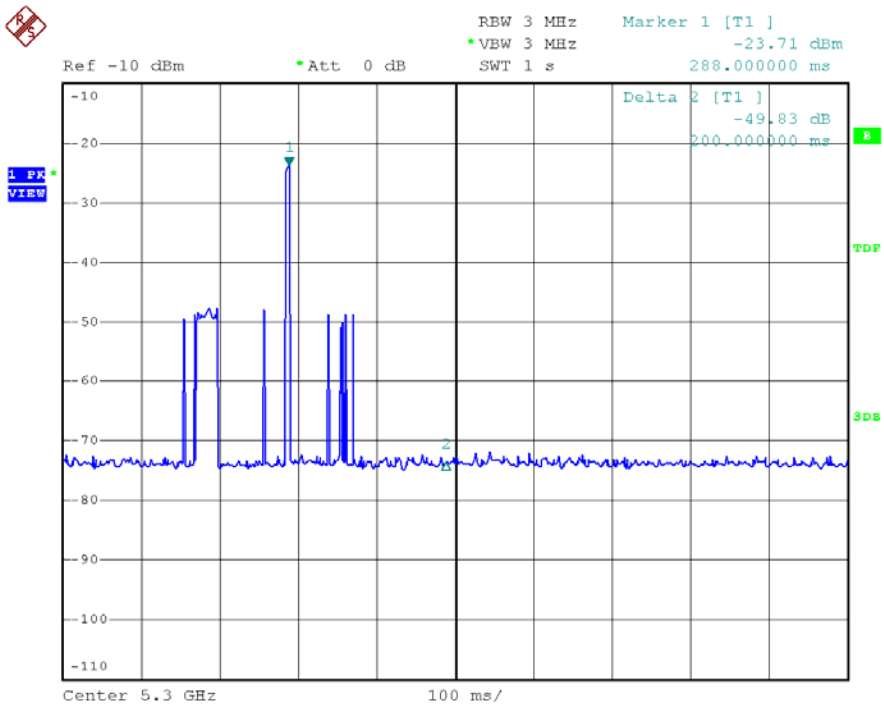
Bandwidth 20MHz

Radar Type 3

Channel Move Time



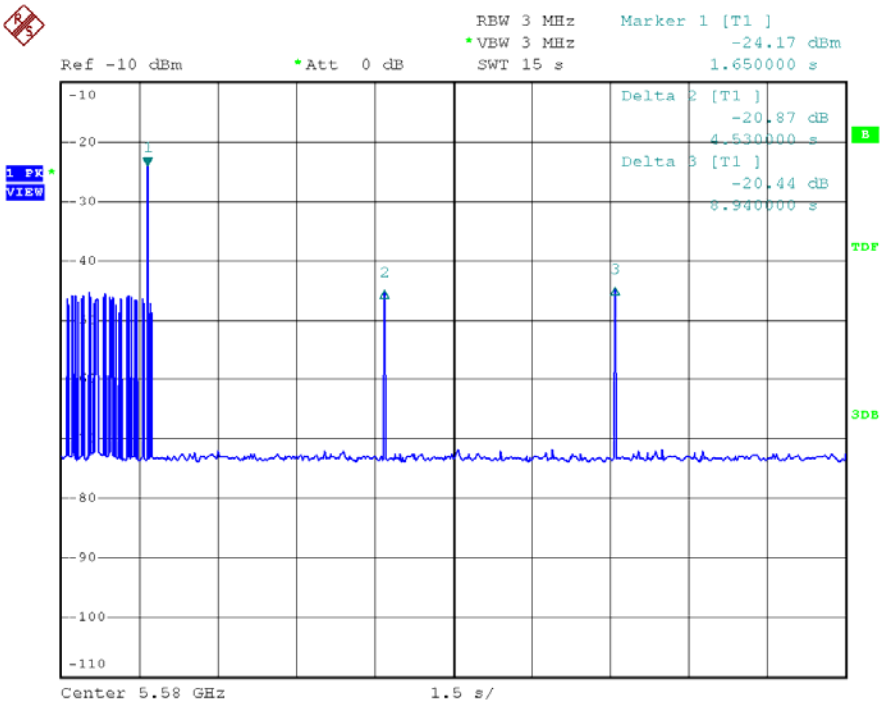
Channel Closing Transmission Time



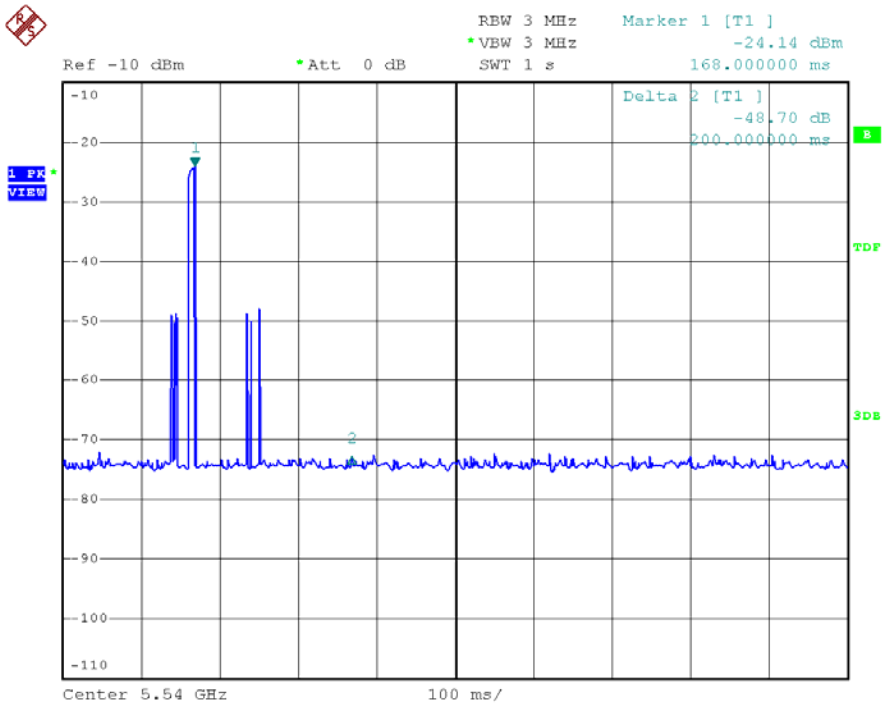
Bandwidth 20MHz

Radar Type 4

Channel Move Time



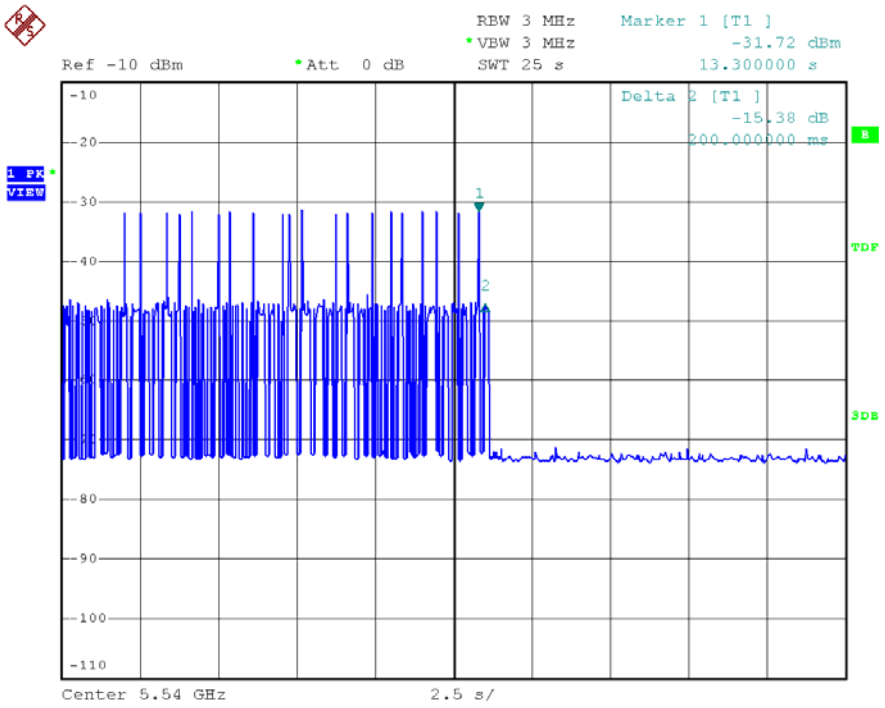
Channel Closing Transmission Time



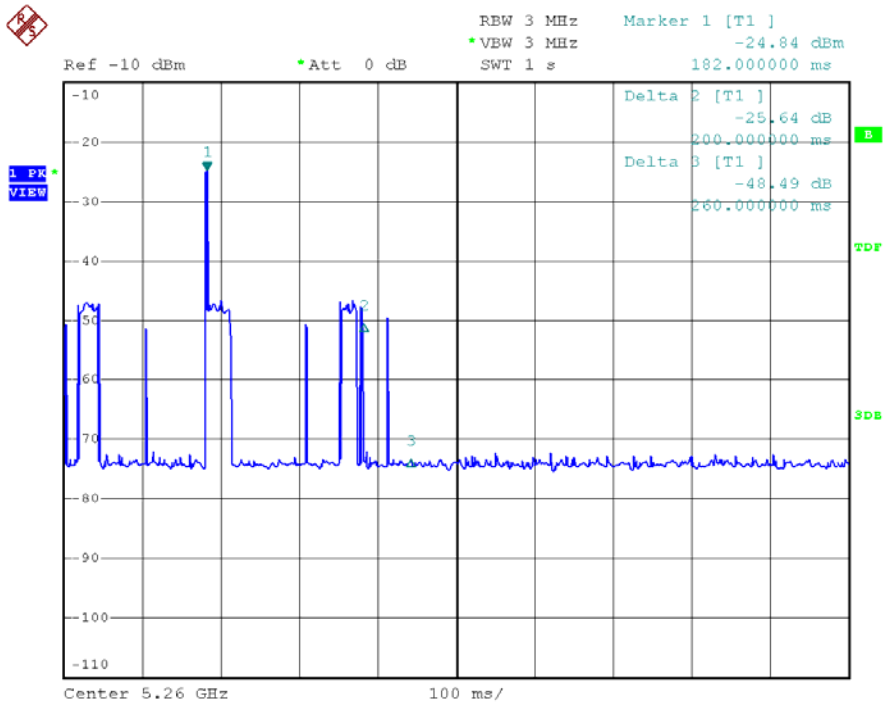
Bandwidth 20MHz

Radar Type 5

Channel Move Time



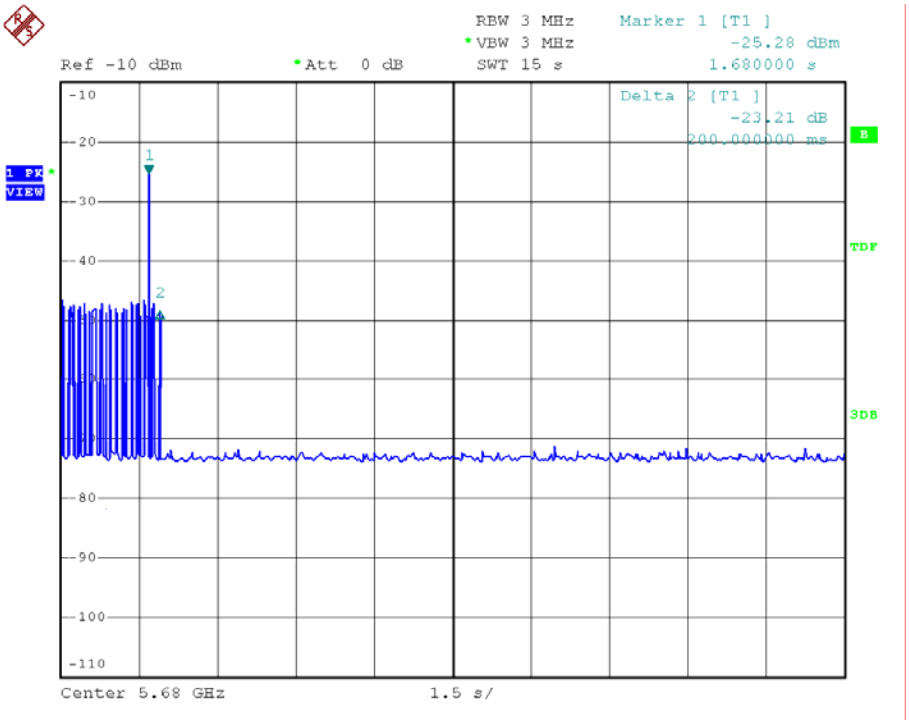
Channel Closing Transmission Time



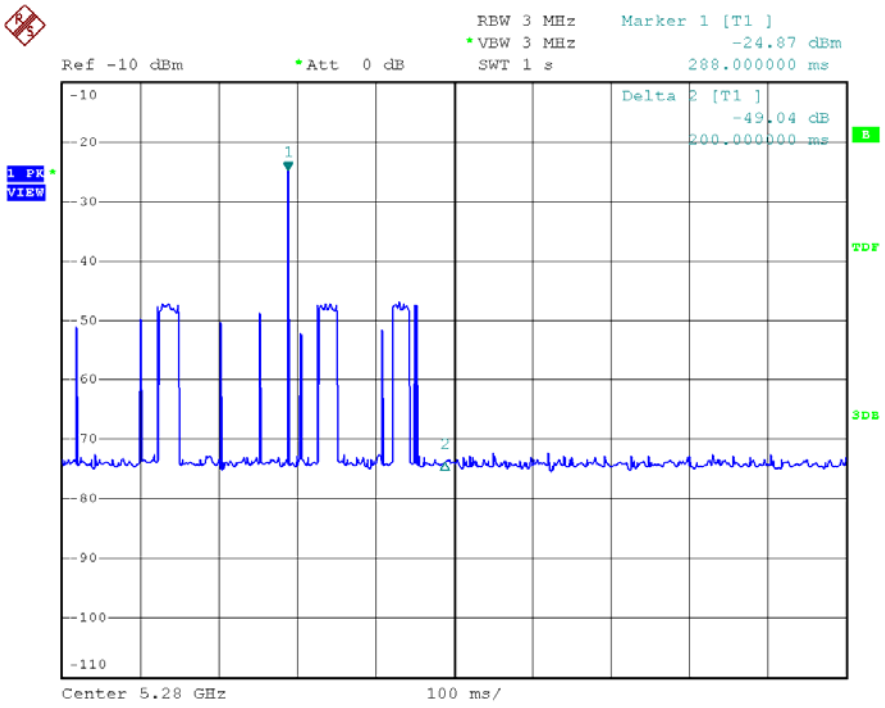
Bandwidth 20MHz

Radar Type 6

Channel Move Time



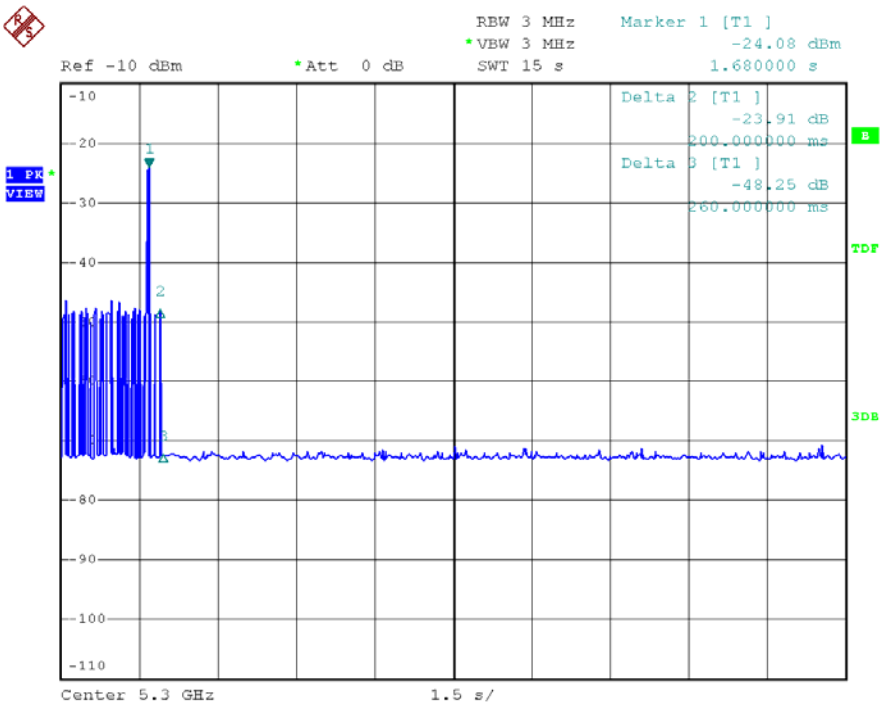
Channel Closing Transmission Time



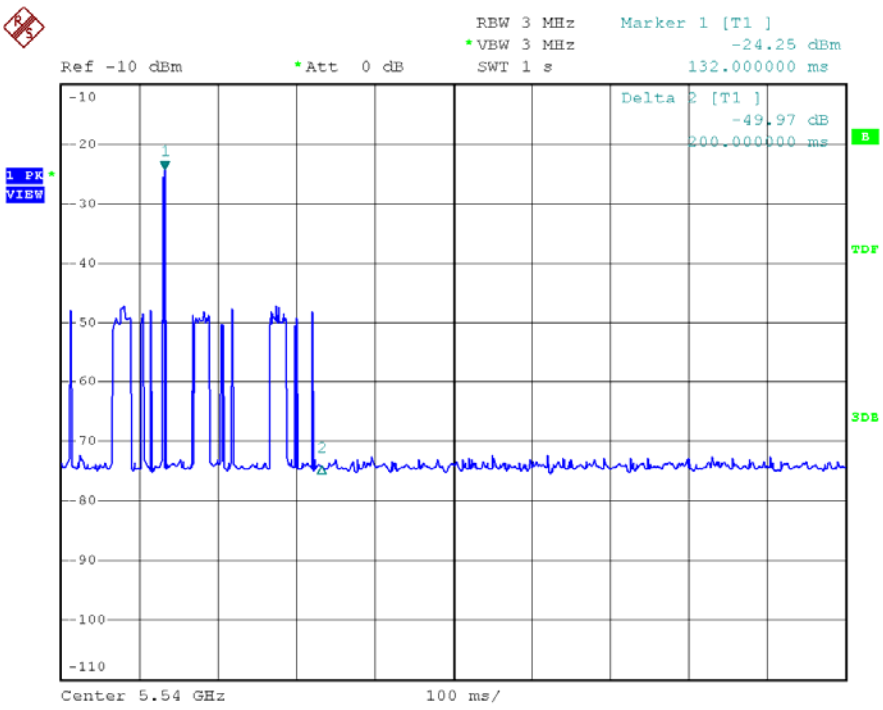
Bandwidth 40MHz

Radar Type 1

Channel Move Time



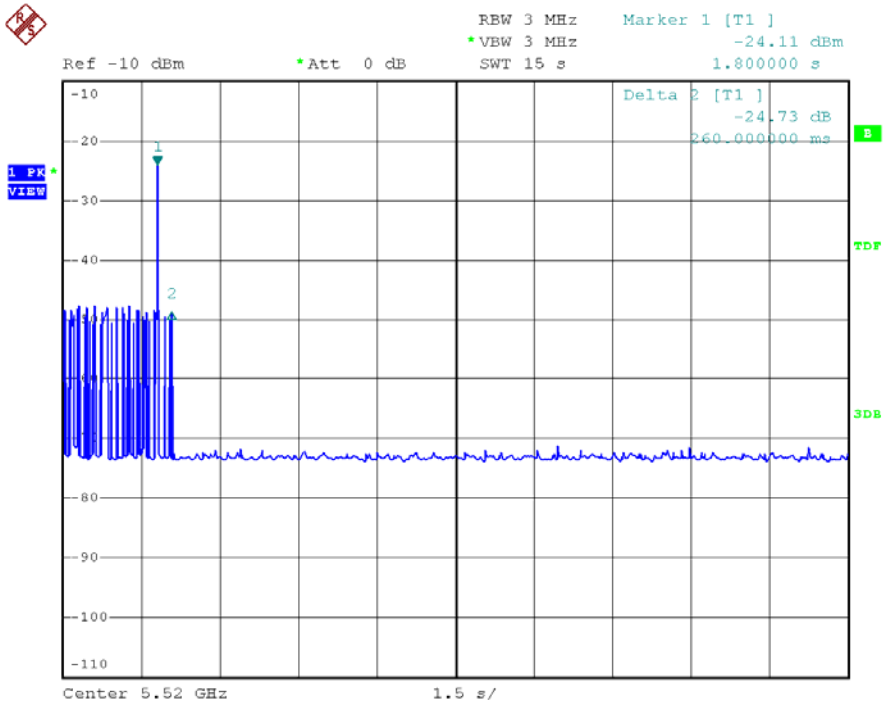
Channel Closing Transmission Time



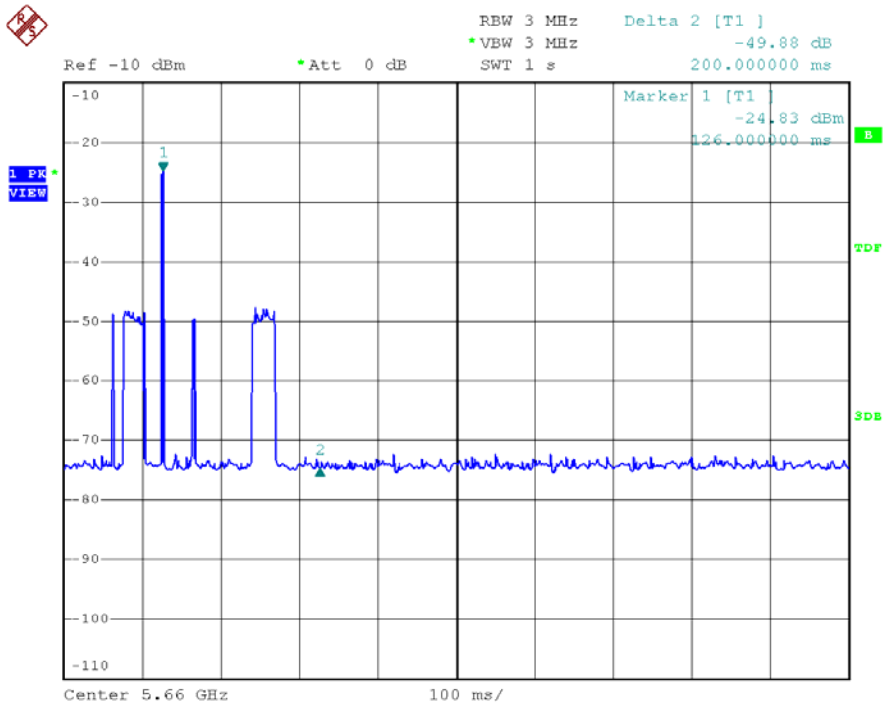
Bandwidth 40MHz

Radar Type 2

Channel Move Time



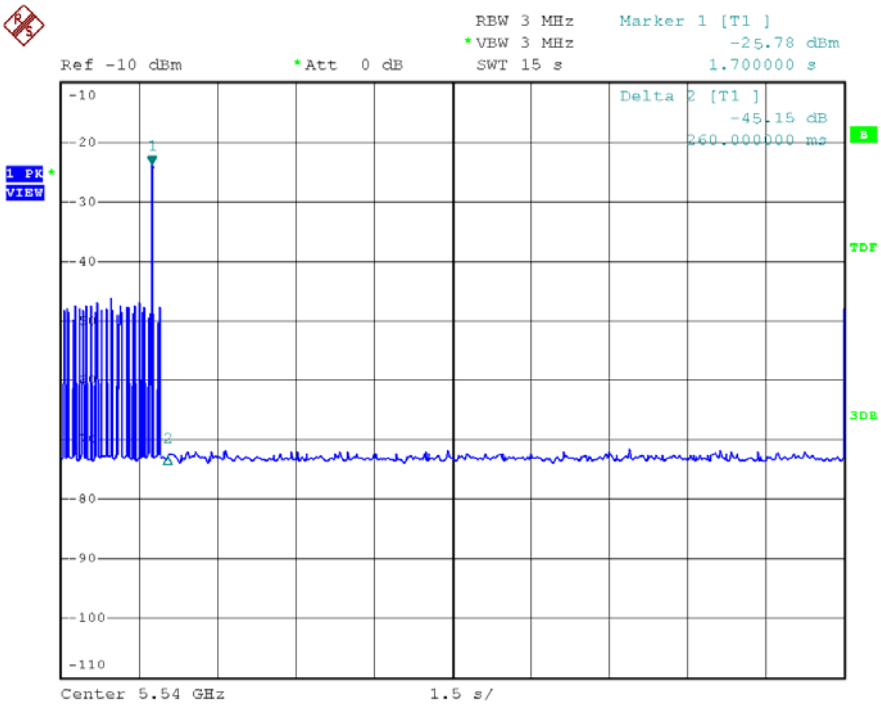
Channel Closing Transmission Time



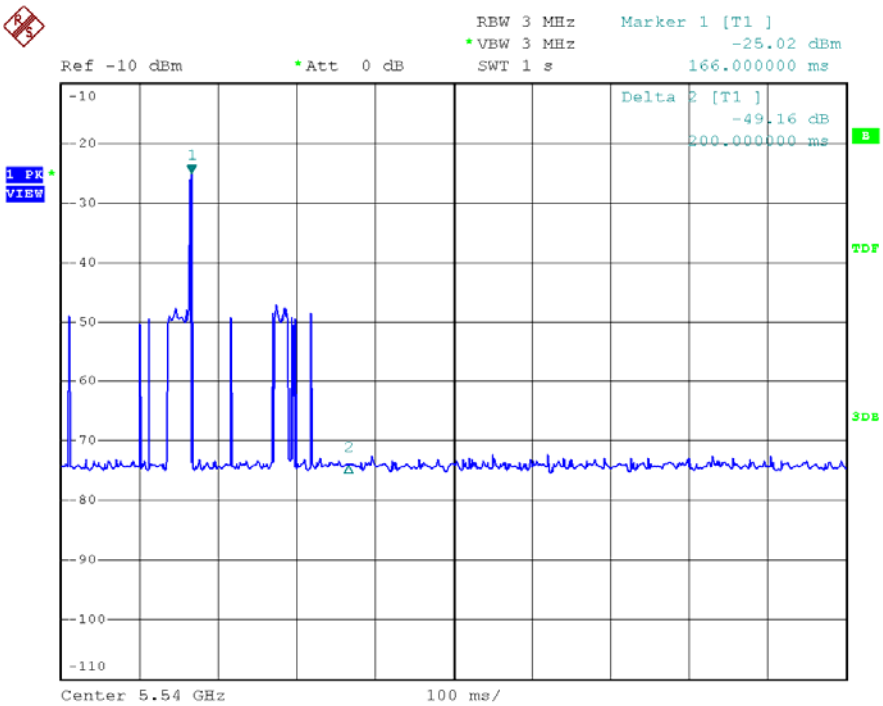
Bandwidth 40MHz

Radar Type 3

Channel Move Time



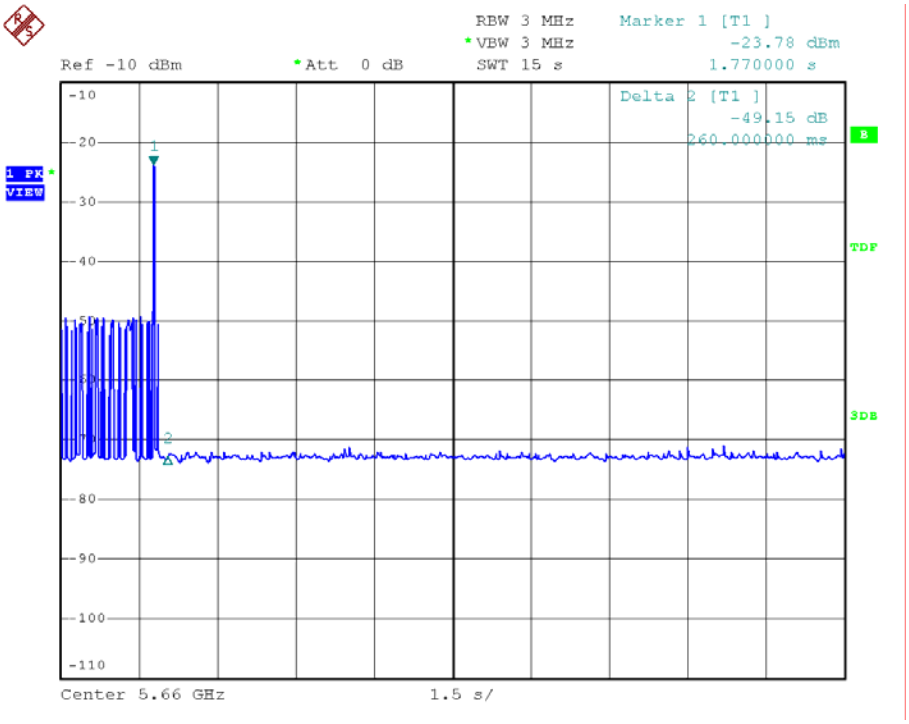
Channel Closing Transmission Time



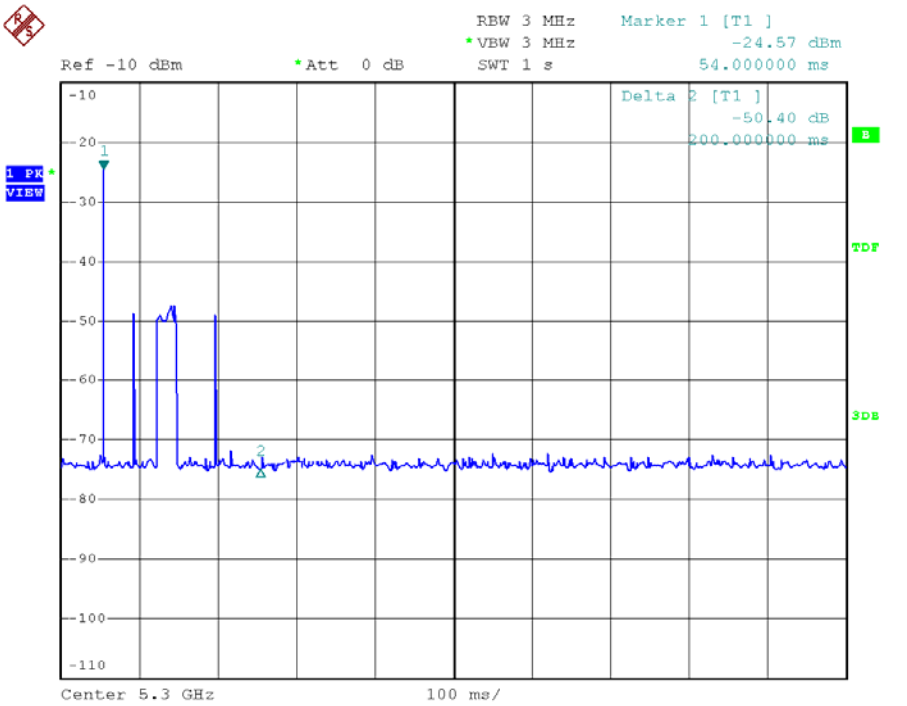
Bandwidth 40MHz

Radar Type 4

Channel Move Time



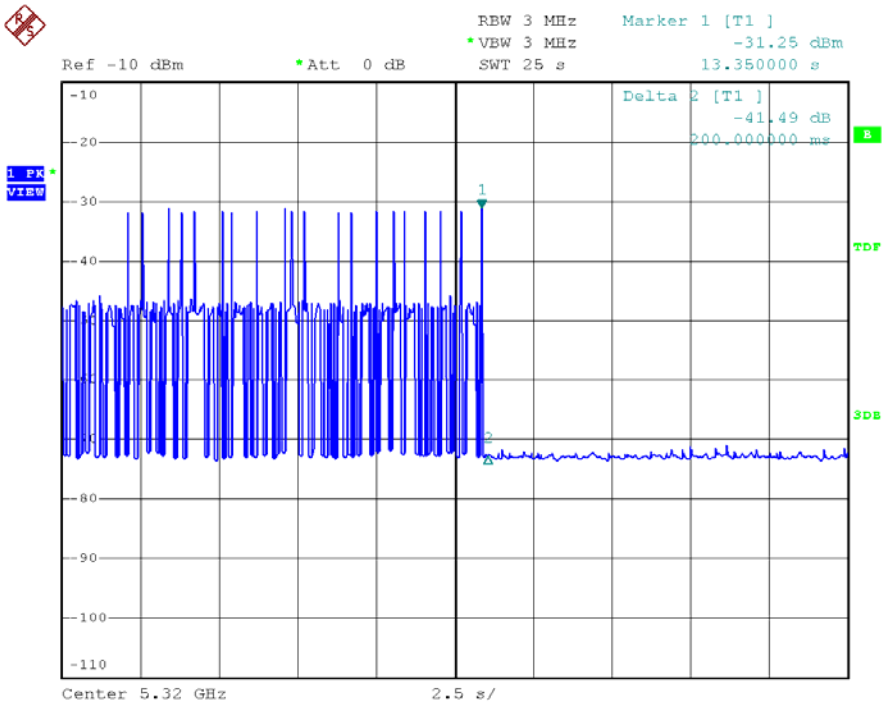
Channel Closing Transmission Time



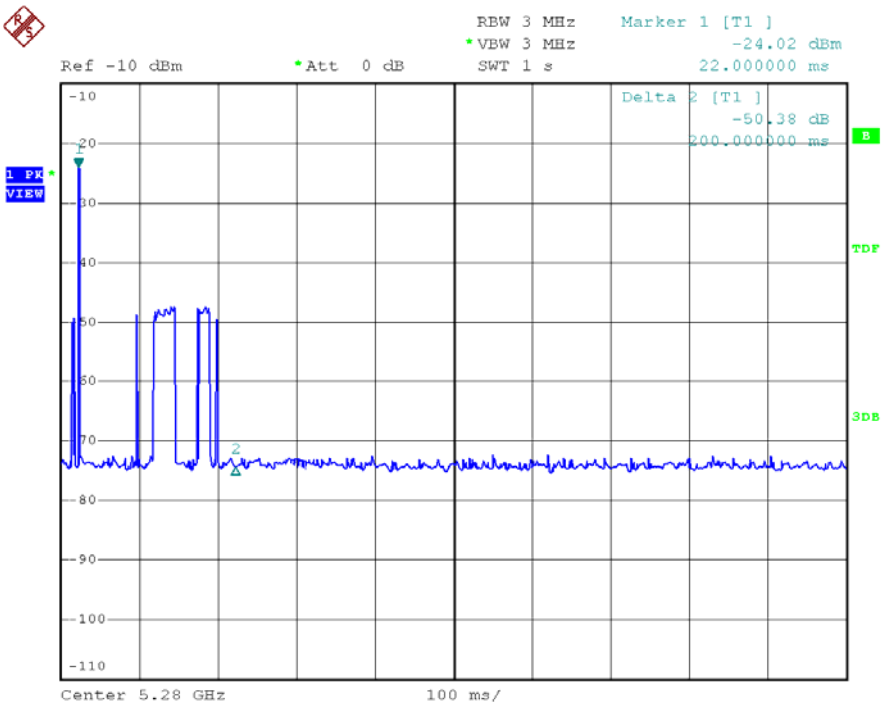
Bandwidth 40MHz

Radar Type 5

Channel Move Time



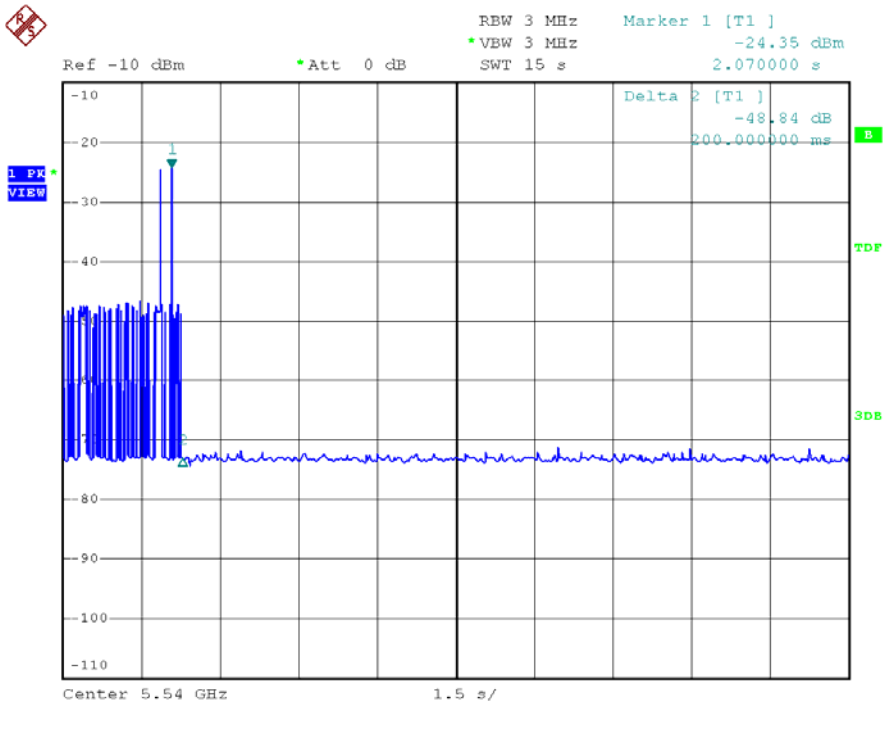
Channel Closing Transmission Time



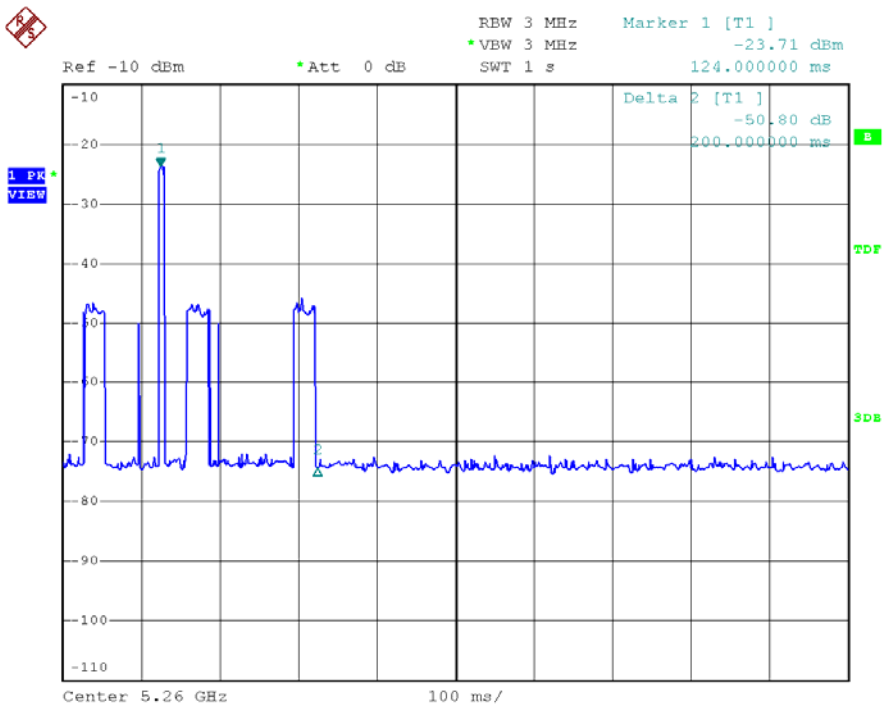
Bandwidth 40MHz

Radar Type 6

Channel Move Time



Channel Closing Transmission Time



10. Radar Test Waveforms

10.1 Bandwidth 20

Short Pulse Radar Test Waveforms (Limits Clause 6.1 table 5)

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Min. Percentage of Successful Detection (%)	Min. Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Long Pulse Radar Test Waveform (Limits Clause 6.2 table 6)

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Min. Percentage of Successful Detection (%)	Min. Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Frequency Hopping Radar Test Waveform (Limits Clause 6.3 table 7)

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length(msec)	Min. Percentage of Successful Detection (%)	Min. Number of Trials
6	1	333	9	0.333	300	70%	30

10.2 Bandwidth 40

Short Pulse Radar Test Waveforms (Limits Clause 6.1 table 5)

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Min. Percentage of Successful Detection (%)	Min. Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Long Pulse Radar Test Waveform (Limits Clause 6.2 table 6)

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Min. Percentage of Successful Detection (%)	Min. Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Frequency Hopping Radar Test Waveform (Limits Clause 6.3 table 7)

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length(msec)	Min. Percentage of Successful Detection (%)	Min. Number of Trials
6	1	333	9	0.333	300	70%	30

11. Test Contents of Radar Type

11.1 Bandwidth 20

Radar Type 1				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	18	1.0u	1428μ	X
2	18	1.0u	1428μ	X
3	18	1.0u	1428μ	O
4	18	1.0u	1428μ	O
5	18	1.0u	1428μ	X
6	18	1.0u	1428μ	O
7	18	1.0u	1428μ	O
8	18	1.0u	1428μ	O
9	18	1.0u	1428μ	O
10	18	1.0u	1428μ	O
11	18	1.0u	1428μ	O
12	18	1.0u	1428μ	X
13	18	1.0u	1428μ	O
14	18	1.0u	1428μ	O
15	18	1.0u	1428μ	O
16	18	1.0u	1428μ	X
17	18	1.0u	1428μ	O
18	18	1.0u	1428μ	O
19	18	1.0u	1428μ	O
20	18	1.0u	1428μ	O
21	18	1.0u	1428μ	O
22	18	1.0u	1428μ	O
23	18	1.0u	1428μ	O
24	18	1.0u	1428μ	O
25	18	1.0u	1428μ	X
26	18	1.0u	1428μ	O
27	18	1.0u	1428μ	X
28	18	1.0u	1428μ	O
29	18	1.0u	1428μ	O
30	18	1.0u	1428μ	X
Detection Rate: 76.67 %				
Standard				
Pulse Width: 1 μsec		PRI: 1428 μsec	Pulses per Burst: 18	

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Radar Type 2				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	23	1	225	X
2	27	2.2	229	O
3	29	4.4	201	O
4	24	1.1	198	X
5	25	2	152	O
6	28	4.1	166	O
7	27	4.4	170	O
8	23	2.9	154	O
9	27	2.9	173	O
10	29	2.3	151	X
11	23	3.2	201	X
12	27	4.9	221	X
13	26	4.8	168	O
14	25	2.3	159	O
15	24	4.3	183	O
16	27	3.8	153	O
17	28	3.2	182	O
18	29	4.4	217	O
19	23	4.9	181	O
20	26	1.7	181	O
21	27	2.5	162	X
22	23	4.5	190	O
23	29	1.4	223	O
24	27	4.8	155	X
25	23	3.2	207	O
26	28	4.2	195	O
27	23	3.7	193	X
28	25	2.2	182	O
29	25	4.3	153	O
30	24	1	178	O
Detection Rate: 73.33 %				
Standard				
Pulse Width: 1~5 μsec		PRI: 150~230 μsec	Pulses per Burst: 23 ~ 29	

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Radar Type 3				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	16	10.2	224	X
2	18	8.0	457	O
3	18	9.3	419	O
4	17	8.5	339	O
5	16	8.6	412	O
6	17	7.7	234	O
7	18	6.5	439	O
8	18	7.8	404	O
9	16	6.7	469	X
10	18	6.1	409	O
11	18	9.2	271	O
12	16	9.6	364	O
13	17	7.8	279	X
14	18	8.4	336	O
15	16	7.9	263	O
16	17	10.2	291	O
17	17	6.9	423	O
18	18	7.5	466	O
19	17	7.9	335	O
20	16	8.4	254	X
21	17	8.2	452	O
22	16	7.9	352	O
23	16	6.7	460	O
24	17	7.8	317	X
25	18	9.7	369	O
26	17	7.6	409	X
27	17	7.9	405	O
28	16	9.4	460	O
29	19	7.2	334	O
30	18	7.5	438	O
Detection Rate: 80.00 %				
Standard				
Pulse Width：6~10 μsec		PRI：200~500 μsec	Pulses per Burst：16~18	

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Radar Type 4				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	15	14.1	434	X
2	12	11.4	373	O
3	15	14.8	468	O
4	13	14.0	362	X
5	12	12.2	280	O
6	13	16.2	403	O
7	15	15.4	206	O
8	15	14.2	327	X
9	11	16.1	490	O
10	15	10.9	422	O
11	16	15.9	331	X
12	15	12.9	436	O
13	12	13.3	321	X
14	13	14.4	328	O
15	12	13.1	391	O
16	14	14.5	212	X
17	16	12.1	203	O
18	16	14.7	373	O
19	14	12.5	317	O
20	13	10.8	421	X
21	11	15.0	254	O
22	13	12.7	229	O
23	16	15.6	348	O
24	15	12.5	329	O
25	12	14.4	395	O
26	16	12.5	436	O
27	16	14.9	256	O
28	15	13.0	246	X
29	12	15.2	407	X
30	13	13.2	349	O
Detection Rate: 70.00%				
Standard				
Pulse Width：11~20 μsec		PRI：200~500 μsec	Pulses per Burst: 12~16	

Note: “○” means the equipment interrupted to transmit data immediately when detected radar signal.
“X” means the equipment continued to transmit data when detected radar signal.

Radar Type 5		
Trial #	Sequence Name	Detection
1	Seg_01	X
2	Seg_02	O
3	Seg_03	O
4	Seg_04	O
5	Seg_05	O
6	Seg_06	O
7	Seg_07	O
8	Seg_08	O
9	Seg_09	O
10	Seg_10	O
11	Seg_11	O
12	Seg_12	O
13	Seg_13	O
14	Seg_14	O
15	Seg_15	O
16	Seg_16	O
17	Seg_17	X
18	Seg_18	O
19	Seg_19	O
20	Seg_20	O
21	Seg_21	O
22	Seg_22	O
23	Seg_23	O
24	Seg_24	O
25	Seg_25	X
26	Seg_26	O
27	Seg_27	O
28	Seg_28	O
29	Seg_29	O
30	Seg_30	X
		Detection Rate: 83.33%

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Seg_xx specification part

Seg_01					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	99	1485	---	18.8
2	1	93	1310	---	7.3
3	3	98	1875	1363	9.7
4	2	99	1021	---	17.5
5	2	54	1972	---	14.9
6	1	69	1304	---	19.9
7	3	98	1292	1684	20.0
8	1	82	1096	---	10.3

Seg_02					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	74	1203	1731	18.2
2	1	96	1674	---	13.6
3	2	51	1655	---	9.5
4	1	66	1183	---	18.8
5	2	95	1858	---	19.0
6	2	95	1306	---	19.1
7	2	68	1803	---	7.2
8	2	68	1103	---	6.4
9	1	52	1021	---	7.7
10	3	94	1241	1510	11.4
11	3	81	1026	1481	18.5

Note: “--” means that item doesn't require testing.

Seg_03					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	92	1854	1258	20.0
2	1	67	1889	---	17.5
3	2	71	1873	---	16.5
4	3	84	1475	1089	11.9
5	2	61	1816	---	20.1
6	3	100	1222	1672	17.3
7	1	63	1972	---	18.5
8	3	93	1629	1038	13.1
9	1	88	1920	---	14.9

Seg_04					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	65	1056	1710	12.0
2	2	89	1428	1588	6.3
3	3	56	1990	1395	8.0
4	1	56	1663	---	5.7
5	2	60	1992	---	10.0
6	1	54	1559	---	20.0
7	3	51	1252	1064	15.1
8	1	92	1675	---	19.0
9	3	79	1731	1376	19.8
10	2	78	1007	---	9.2

Note: “---” means that item doesn't require testing.

Seg_05					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	91	1299	1914	14.7
2	2	66	1009	---	10.6
3	3	77	1792	1603	12.8
4	1	96	1412	---	11.4
5	2	67	1874	---	20.3
6	1	81	1768	---	18.7
7	3	99	1975	1575	6.9
8	1	64	1595	---	20.4
9	3	79	1599	1500	14.2
10	2	99	1929	---	18.8

Seg_06					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	95	1391	---	5.2
2	2	97	1967	---	16.0
3	3	60	1785	1799	14.4
4	1	51	1165	---	15.3
5	2	66	1398	---	15.2
6	1	87	1848	---	19.4
7	3	86	1699	1569	9.5
8	1	70	1343	---	15.0
9	3	87	1943	1342	10.0
10	2	71	1421	---	18.9
11	2	55	1743	---	15.5

Note: “---” means that item doesn't require testing.

Seg_07					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	70	1252	1065	18.8
2	1	59	1743	---	8.7
3	2	90	1816	---	15.4
4	1	95	1919	---	10.8
5	2	68	1180	---	21.6
6	2	65	1916	---	7.1
7	1	98	1617	---	18.6
8	3	84	1247	1594	19.4

Seg_08					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	17	1229	---	89.0
2	1	13	1373	---	61.3
3	3	19	1725	1441	54.1
4	1	9	1534	---	55.9
5	1	19	1228	---	83.7
6	3	19	1211	1083	58.2
7	2	13	1309	---	87.2
8	3	8	1220	---	59.9
9	2	10	1943	---	86.8
10	3	17	1361	1139	65.8
11	1	15	1933	---	99.8
12	2	11	1725	---	62.9
13	3	8	1015	1932	62.0
14	2	8	1646	---	69.8
15	1	7	1906	---	71.3
16	1	14	1770	---	84.7
17	2	10	1146	---	62.1
18	3	18	1358	1943	79.3
19	2	9	1517	---	57.2
20	3	18	1610	1549	57.6

Note: “---” means that item doesn't require testing.

Seg_09					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	53	1988	---	15.1
2	2	92	1371	---	21.4
3	3	83	1329	1821	17.8
4	1	86	1832	---	18.9
5	2	84	1245	---	19.3
6	1	96	1141	---	16.4
7	3	88	1915	1230	18.2
8	1	88	1143	---	13.6
9	3	53	1946	1793	19.0
10	2	84	1465	---	8.2
11	2	94	1549	---	14.9

Seg_10					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	87	1051	---	12.3
2	1	56	1258	---	12.7
3	3	65	1151	1808	13.7
4	2	88	1551	---	12.3
5	2	93	1469	---	8.7
6	1	91	1243	---	20.5
7	3	79	1802	1421	8.1
8	1	57	1962	---	17.0
9	2	79	1493	---	10.0
10	3	60	1384	1407	10.8
11	2	67	1146	---	12.2
12	1	91	1471	---	12.6

Note: “---” means that item doesn't require testing.

Seg_11					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	99	1485	---	18.8
2	1	93	1311	---	6.3
3	3	98	1876	1364	9.2
4	2	99	1022	---	17.1
5	2	55	1973	---	15.8
6	1	70	1304	---	20.0
7	3	91	1292	1684	20.4
8	1	82	1096	---	9.8
9	2	81	1288	---	9.2
10	3	80	1759	1947	13.8
11	2	84	1632	---	13.5
12	1	81	1058	---	6.6

Seg_12					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	64	1776	---	20.2
2	1	66	1635	---	9.8
3	3	59	1875	1870	6.6
4	2	65	1668	---	17.1
5	2	68	1567	---	15.7
6	1	61	1750	---	14.3
7	3	61	1940	---	15.6
8	1	87	1982	---	17.9
9	2	68	1634	---	7.0
10	3	70	1984	1467	5.6
11	2	75	1095	---	20.1
12	1	99	1820	---	13.0
13	3	69	1282	1172	11.7

Note: “---” means that item doesn't require testing.

Seg_13					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	86	1164	---	10.7
2	1	98	1364	---	16.9
3	3	80	1440	1856	17.6
4	2	90	1258	---	8.0
5	2	100	1875	---	9.3
6	1	99	1972	---	17.4
7	3	94	1230	1865	8.4
8	1	60	1113	---	16.7
9	2	91	1458	---	9.0
10	3	63	1663	1852	18.3
11	2	86	1221	---	17.3
12	1	53	1553	---	7.1
13	3	101	1642	1194	12.5

Seg_14					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	62	1887	---	13.3
2	3	81	1073	1271	15.6
3	1	81	1395	---	15.1
4	2	76	1933	---	13.1
5	1	61	1575	---	10.4
6	3	64	1766	1534	11.2
7	1	62	1160	---	8.5
8	2	60	1244	---	7.5
9	2	70	1468	---	6.1
10	3	68	1646	1191	12.5
11	1	52	1886	---	7.9
12	1	80	1628	---	11.2
13	3	94	1357	1426	14.2
14	2	73	1490	---	13.5

Note: “---” means that item doesn't require testing.

Seg_15					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	86	1723	---	12.2
2	3	85	1349	1813	13.9
3	1	67	1293	---	16.5
4	2	75	1852	---	14.8
5	1	55	1441	---	17.7
6	3	68	1420	1249	19.5
7	1	86	1713	---	6.7
8	2	58	1884	---	16.0
9	2	66	1070	---	14.5
10	3	85	1118	1734	12.7
11	1	100	1207	---	13.2
12	1	57	1029	---	19.1
13	3	65	1236	1138	16.7
14	2	99	1326	---	10.0

Seg_16					
Burst	Pulses per Burst	Pulse Width	Pulse Spacing (μs)	Pulse Spacing (μs)	Chirp (MHz)
1	1	74	1427	---	21.5
2	3	87	1199	1288	12.9
3	1	78	1608	---	21.0
4	2	81	1773	---	16.4
5	1	100	1783	---	19.7
6	3	57	1338	1799	16.9
7	1	70	1015	---	19.6
8	2	87	1694	---	14.6
9	2	77	1197	---	15.7
10	3	72	1185	1975	14.4
11	1	68	1222	---	20.3
12	1	71	1299	---	17.5
13	3	97	1776	1308	19.8
14	2	79	1551	---	17.7

Note: “---” means that item doesn't require testing.

Seg_17					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	76	1761	---	16.7
2	3	69	1044	1150	6.9
3	2	59	1385	---	11.4
4	1	93	1057	---	10.3
5	2	98	1610	---	11.4
6	1	74	1484	---	15.0
7	3	74	1512	1788	6.2
8	3	61	1806	1231	18.7
9	1	61	1980	---	16.3
10	3	93	1941	1539	11.8
11	1	71	1325	---	7.0
12	1	56	1135	---	6.9
13	1	76	1482	---	16.8
14	2	58	1270	---	19.6
15	2	99	1053	---	18.2

Seg_18					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	92	1115	---	15.6
2	3	92	1356	1265	8.3
3	1	73	1088	---	9.1
4	2	85	1806	---	6.9
5	1	73	1320	---	16.6
6	3	82	1083	1818	14.0
7	1	53	1185	---	18.9
8	2	88	1978	---	8.8
9	2	85	1020	---	9.5
10	3	87	1547	1108	15.6
11	1	62	1824	---	13.6
12	1	91	1323	---	8.7
13	3	81	1132	1264	7.2
14	2	88	1757	---	17.3

Note: “---” means that item doesn't require testing.

Seg_19					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	99	1089	---	17.7
2	3	94	1384	1698	19.5
3	2	85	1206	---	19.8
4	2	89	1029	---	11.9
5	3	54	1367	1092	18.2
6	1	60	1119	---	9.9
7	2	93	1043	---	5.5
8	1	99	1955	---	18.8
9	3	54	1812	1139	6.0
10	1	80	1133	---	5.7
11	2	99	1994	---	11.0
12	2	68	1598	---	10.9
13	1	55	1345	---	8.0
14	3	81	1165	1321	13.7
15	3	86	1967	1818	16.0
16	2	56	1309	---	16.5

Seg_20					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	81	1563	0	19.7
2	3	67	1394	1314	13.6
3	2	65	1607	0	19.6
4	2	90	1092	0	19.3
5	3	60	1031	0	16.8
6	1	58	1984	0	13.0
7	2	99	1084	0	19.5
8	1	100	1633	0	14.0
9	3	93	1482	1063	20.2
10	1	76	1409	0	16.8
11	2	78	1828	0	12.9
12	2	68	1411	0	14.3
13	1	67	1111	0	20.7
14	3	100	1226	1797	13.4
15	3	58	1302	1583	15.5
16	2	85	1864	0	16.2

Note: “---” means that item doesn't require testing.

Seg_21					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	92	1963	---	17.4
2	3	81	1948	1056	11.9
3	2	55	1733	---	18.5
4	2	59	1958	---	18.1
5	3	69	1394	1437	8.4
6	1	98	1468	---	10.7
7	2	81	1641	---	14.0
8	1	69	1981	---	18.7
9	3	70	1803	1093	8.2
10	1	56	1523	---	13.6
11	2	77	1634	---	16.5
12	2	97	1151	---	18.8
13	1	76	1685	---	12.6
14	3	85	1145	1354	8.8
15	3	74	1515	142---	7.5
16	2	77	1113	---	18.0

Seg_22					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	53	1188	---	13.8
2	3	53	1196	1979	17.0
3	2	82	1467	---	14.9
4	2	67	1384	---	20.2
5	3	66	1336	1997	19.1
6	1	93	1194	---	16.6
7	2	80	1317	---	20.2
8	2	94	1990	---	8.8
9	3	73	1346	1702	8.5
10	1	69	1526	---	11.4
11	2	71	1543	---	9.5
12	2	80	1222	---	15.2
13	1	89	1247	---	14.0
14	1	84	1992	---	9.5
15	1	98	1741	---	19.1
16	2	94	1971	---	9.3
17	2	68	1388	---	13.8

Note: “---” means that item doesn't require testing.

Seg_23					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	82	1062	---	14.1
2	3	63	1381	1712	14.0
3	2	89	1209	---	12.5
4	2	76	1673	---	8.3
5	3	100	1410	1114	8.0
6	1	96	1715	---	19.2
7	2	96	1215	---	14.3
8	2	55	1438	---	10.6
9	3	81	1904	1220	17.8
10	1	68	1168	---	8.7
11	2	68	1182	---	14.6
12	2	86	1622	---	7.9
13	1	74	1971	---	17.8
14	1	88	1723	---	18.2
15	1	64	1167	---	7.4
16	2	63	1402	---	11.7
17	2	99	1133	---	19.5

Note: “---” means that item doesn't require testing.

Seg_24					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	76	1604	1093	18.7
2	2	62	1675	---	9.3
3	1	81	1727	---	16.0
4	3	88	1063	1252	16.2
5	2	85	1655	---	6.4
6	3	75	1508	1005	10.0
7	1	65	1586	---	16.8
8	2	95	1567	---	15.7
9	3	80	1992	1483	14.2
10	2	92	1475	---	16.1
11	1	73	1480	---	12.1
12	3	71	1578	1302	14.4
13	1	60	1857	---	10.0
14	3	89	1820	1351	6.3
15	1	57	1227	---	18.3
16	2	71	1307	---	12.8
17	2	76	1320	---	11.0
18	1	58	1985	---	12.0

Note: “---” means that item doesn't require testing.

Seg_25					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	80	1579	1363	8.2
2	2	86	1907	---	16.3
3	1	63	1308	---	14.8
4	3	100	1419	1836	11.9
5	2	96	1663	---	8.5
6	3	99	1718	1890	17.4
7	1	81	1972	---	16.0
8	2	59	1257	---	17.3
9	3	82	1224	1193	10.7
10	2	77	1705	---	16.9
11	1	62	1519	---	17.2
12	3	72	1456	1390	17.2
13	1	84	1813	---	15.3
14	3	64	1338	1600	18.5
15	1	65	1408	---	18.7
16	2	91	1424	---	13.4
17	2	80	1348	---	16.9
18	1	85	1759	---	19.4

Note: “---” means that item doesn't require testing.

Seg_26					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	78	1258	1408	15.6
2	2	82	1026	---	13.3
3	1	79	1088	---	15.8
4	3	68	1450	1210	15.7
5	2	81	1237	---	13.8
6	3	82	1078	1641	13.6
7	1	66	1995	---	16.2
8	2	55	1316	---	18.8
9	3	81	1523	1492	19.1
10	2	67	1996	---	11.0
11	1	97	1682	---	17.6
12	3	62	1738	1492	17.3
13	1	89	1840	---	15.9
14	3	100	1008	1550	8.0
15	1	60	1500	---	8.3
16	2	83	1945	---	14.8
17	2	78	1517	---	13.4
18	1	82	1776	---	14.7

Note: “---” means that item doesn't require testing.

Seg_27					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	55	1675	1268	16.2
2	2	87	1027	---	6.1
3	1	52	1875	---	11.7
4	3	99	1601	1936	11.8
5	1	67	1398	---	6.6
6	1	57	1078	---	9.5
7	2	66	1581	---	10.8
8	3	82	1419	1734	9.3
9	2	67	1414	---	9.5
10	2	78	1810	---	15.5
11	1	98	1957	---	14.6
12	3	59	1209	1709	9.6
13	1	67	1115	---	6.1
14	3	88	1883	1551	13.0
15	1	59	1819	---	11.6
16	2	77	1910	---	5.5
17	2	85	1727	---	12.6
18	3	71	1325	1428	10.1
19	1	65	1818	---	9.0

Note: “---” means that item doesn't require testing.

Seg_28					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	83	1119	1459	17.4
2	2	90	1307	---	18.5
3	1	65	1300	---	13.1
4	3	75	1081	1927	20.4
5	1	100	1521	---	20.6
6	1	82	1323	---	15.0
7	2	60	1406	---	18.5
8	3	80	1376	1627	19.0
9	2	88	1271	---	11.6
10	2	76	1869	---	14.1
11	1	73	1685	---	17.0
12	3	60	1971	---	13.5
13	1	75	1784	---	19.1
14	3	60	1767	1749	13.9
15	1	83	1089	---	18.4
16	2	61	1602	---	15.9
17	2	95	1068	---	14.8
18	3	71	1552	1317	16.3
19	1	84	1337	---	19.8

Note: “---” means that item doesn't require testing.

Seg_29					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	79	1311	---	13.8
2	1	96	1745	---	18.6
3	3	60	1097	1234	17.9
4	1	82	1414	---	14.7
5	1	66	1666	---	7.9
6	3	77	1050	1236	12.0
7	2	52	1602	---	10.6
8	3	100	1702	1316	5.6
9	2	89	1961	---	14.4
10	3	73	1349	1178	6.8
11	1	62	1237	---	9.2
12	2	85	1239	---	12.1
13	3	52	1504	1919	19.5
14	2	82	1689	---	20.0
15	1	86	1318	---	19.4
16	1	78	1776	---	13.1
17	2	74	1870	---	19.2
18	3	94	1763	1637	19.4
19	2	62	1116	---	19.6
20	3	92	1716	1098	10.0

Note: “---” means that item doesn't require testing.

Seg_30					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	13	1420	---	88.9
2	1	18	1361	---	69.3
3	3	16	1258	1601	68.9
4	1	8	1370	---	72.7
5	1	19	1965	---	71.5
6	3	9	1495	1679	70.3
7	2	19	1294	---	84.3
8	3	16	1504	1700	56.2
9	2	12	1024	---	97.9
10	3	8	1596	1031	85.4
11	1	13	1231	---	81.1
12	2	16	1525	---	90.3
13	3	13	1864	1932	75.8
14	2	18	1586	---	54.1
15	1	17	1903	---	73.7
16	1	18	1694	---	83.2
17	2	12	1867	---	79.3
18	3	9	1337	1309	98.1
19	2	9	1335	---	85.5
20	3	13	1285	1978	54.0

Note: “---” means that item doesn't require testing.

Radar Type 6					
Trial #	Pulses per Hop	Pulse Width (μsec)	PRI (μsec)	Hopping Rate (kHz)	Detection
1	9	1.0u	333.0u	0.333	X
2	9	1.0u	333.0u	0.333	X
3	9	1.0u	333.0u	0.333	X
4	9	1.0u	333.0u	0.333	O
5	9	1.0u	333.0u	0.333	O
6	9	1.0u	333.0u	0.333	O
7	9	1.0u	333.0u	0.333	O
8	9	1.0u	333.0u	0.333	O
9	9	1.0u	333.0u	0.333	O
10	9	1.0u	333.0u	0.333	O
11	9	1.0u	333.0u	0.333	O
12	9	1.0u	333.0u	0.333	O
13	9	1.0u	333.0u	0.333	X
14	9	1.0u	333.0u	0.333	O
15	9	1.0u	333.0u	0.333	O
16	9	1.0u	333.0u	0.333	O
17	9	1.0u	333.0u	0.333	O
18	9	1.0u	333.0u	0.333	O
19	9	1.0u	333.0u	0.333	O
20	9	1.0u	333.0u	0.333	O
21	9	1.0u	333.0u	0.333	O
22	9	1.0u	333.0u	0.333	O
23	9	1.0u	333.0u	0.333	X
24	9	1.0u	333.0u	0.333	O
25	9	1.0u	333.0u	0.333	O
26	9	1.0u	333.0u	0.333	O
27	9	1.0u	333.0u	0.333	O
28	9	1.0u	333.0u	0.333	X
29	9	1.0u	333.0u	0.333	O
30	9	1.0u	333.0u	0.333	O
Detection Rate: 76.67 %					
Standard					
Pulse Width: 1.0 μsec			PRI: 333.0μsec		
Pulses per Hop: 9			Hopping Rate: 0.333kHz		
Hopping Sequence Length: 300ms					

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Hop_xx specification part

Hop_01								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.424	-8	35	5.551	-8	68	5.561	-8
2	5.397	-8	36	5.739	-8	69	5.573	-8
3	5.633	-8	37	5.564	-8	70	5.565	-8
4	5.540	-8	38	5.313	-8	71	5.479	-8
5	5.719	-8	39	5.306	-8	72	5.389	-8
6	5.727	-8	40	5.657	-8	73	5.414	-8
7	5.397	-8	41	5.379	-8	74	5.502	-8
8	5.388	-8	42	5.722	-8	75	5.723	-8
9	5.721	-8	43	5.445	-8	76	5.503	-8
10	5.561	-8	44	5.541	-8	77	5.679	-8
11	5.556	-8	45	5.704	-8	78	5.392	-8
12	5.309	-8	46	5.485	-8	79	5.617	-8
13	5.638	-8	47	5.650	-8	80	5.635	-8
14	5.704	-8	48	5.596	-8	81	5.703	-8
15	5.566	-8	49	5.578	-8	82	5.668	-8
16	5.384	-8	50	5.258	-8	83	5.651	-8
17	5.318	-8	51	5.719	-8	84	5.478	-8
18	5.712	-8	52	5.720	-8	85	5.472	-8
19	5.727	-8	53	5.461	-8	86	5.592	-8
20	5.448	-8	54	5.482	-8	87	5.336	-8
21	5.657	-8	55	5.403	-8	88	5.699	-8
22	5.387	-8	56	5.354	-8	89	5.748	-8
23	5.537	-8	57	5.659	-8	90	5.358	-8
24	5.426	-8	58	5.388	-8	91	5.720	-8
25	5.315	-8	59	5.504	-8	92	5.743	-8
26	5.480	-8	60	5.485	-8	93	5.362	-8
27	5.429	-8	61	5.738	-8	94	5.333	-8
28	5.527	-8	62	5.656	-8	95	5.479	-8
29	5.723	-8	63	5.708	-8	96	5.503	-8
30	5.668	-8	64	5.312	-8	97	5.608	-8
31	5.292	-8	65	5.520	-8	98	5.652	-8
32	5.743	-8	66	5.370	-8	99	5.625	-8
33	5.389	-8	67	5.556	-8	100	5.376	-8
34	5.508	-8						

Hop_02								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.413	-8	35	5.486	-8	68	5.524	-8
2	5.401	-8	36	5.733	-8	69	5.593	-8
3	5.683	-8	37	5.498	-8	70	5.509	-8
4	5.499	-8	38	5.281	-8	71	5.480	-8
5	5.735	-8	39	5.323	-8	72	5.385	-8
6	5.684	-8	40	5.652	-8	73	5.472	-8
7	5.452	-8	41	5.328	-8	74	5.536	-8
8	5.422	-8	42	5.656	-8	75	5.710	-8
9	5.715	-8	43	5.470	-8	76	5.517	-8
10	5.562	-8	44	5.480	-8	77	5.657	-8
11	5.573	-8	45	5.749	-8	78	5.425	-8
12	5.307	-8	46	5.524	-8	79	5.601	-8
13	5.595	-8	47	5.729	-8	80	5.587	-8
14	5.730	-8	48	5.586	-8	81	5.746	-8
15	5.588	-8	49	5.576	-8	82	5.733	-8
16	5.415	-8	50	5.320	-8	83	5.584	-8
17	5.333	-8	51	5.737	-8	84	5.450	-8
18	5.738	-8	52	5.711	-8	85	5.526	-8
19	5.721	-8	53	5.427	-8	86	5.506	-8
20	5.472	-8	54	5.477	-8	87	5.365	-8
21	5.671	-8	55	5.450	-8	88	5.663	-8
22	5.456	-8	56	5.395	-8	89	5.725	-8
23	5.541	-8	57	5.703	-8	90	5.336	-8
24	5.453	-8	58	5.379	-8	91	5.736	-8
25	5.324	-8	59	5.416	-8	92	5.744	-8
26	5.486	-8	60	5.467	-8	93	5.349	-8
27	5.436	-8	61	5.740	-8	94	5.317	-8
28	5.494	-8	62	5.665	-8	95	5.475	-8
29	5.698	-8	63	5.662	-8	96	5.489	-8
30	5.729	-8	64	5.354	-8	97	5.641	-8
31	5.321	-8	65	5.515	-8	98	5.683	-8
32	5.719	-8	66	5.367	-8	99	5.585	-8
33	5.342	-8	67	5.583	-8	100	5.419	-8
34	5.526	-8						

Hop_03								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.433	-8	35	5.550	-8	68	5.539	-8
2	5.429	-8	36	5.735	-8	69	5.640	-8
3	5.662	-8	37	5.491	-8	70	5.558	-8
4	5.585	-8	38	5.347	-8	71	5.496	-8
5	5.733	-8	39	5.341	-8	72	5.428	-8
6	5.737	-8	40	5.676	-8	73	5.487	-8
7	5.376	-8	41	5.388	-8	74	5.461	-8
8	5.420	-8	42	5.660	-8	75	5.718	-8
9	5.676	-8	43	5.481	-8	76	5.453	-8
10	5.616	-8	44	5.554	-8	77	5.661	-8
11	5.579	-8	45	5.711	-8	78	5.384	-8
12	5.285	-8	46	5.535	-8	79	5.657	-8
13	5.564	-8	47	5.679	-8	80	5.671	-8
14	5.724	-8	48	5.600	-8	81	5.735	-8
15	5.600	-8	49	5.499	-8	82	5.720	-8
16	5.360	-8	50	5.286	-8	83	5.585	-8
17	5.396	-8	51	5.733	-8	84	5.508	-8
18	5.731	-8	52	5.712	-8	85	5.556	-8
19	5.701	-8	53	5.434	-8	86	5.547	-8
20	5.400	-8	54	5.440	-8	87	5.331	-8
21	5.659	-8	55	5.367	-8	88	5.692	-8
22	5.412	-8	56	5.377	-8	89	5.706	-8
23	5.494	-8	57	5.713	-8	90	5.297	-8
24	5.464	-8	58	5.335	-8	91	5.661	-8
25	5.286	-8	59	5.489	-8	92	5.740	-8
26	5.491	-8	60	5.475	-8	93	5.433	-8
27	5.366	-8	61	5.715	-8	94	5.381	-8
28	5.532	-8	62	5.636	-8	95	5.500	-8
29	5.736	-8	63	5.672	-8	96	5.518	-8
30	5.742	-8	64	5.325	-8	97	5.589	-8
31	5.301	-8	65	5.488	-8	98	5.669	-8
32	5.722	-8	66	5.384	-8	99	5.571	-8
33	5.403	-8	67	5.559	-8	100	5.425	-8
34	5.517	-8						

Hop_04								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.350	-8	35	5.496	-8	68	5.480	-8
2	5.408	-8	36	5.731	-8	69	5.633	-8
3	5.644	-8	37	5.549	-8	70	5.512	-8
4	5.557	-8	38	5.361	-8	71	5.448	-8
5	5.714	-8	39	5.302	-8	72	5.424	-8
6	5.743	-8	40	5.743	-8	73	5.466	-8
7	5.458	-8	41	5.314	-8	74	5.527	-8
8	5.362	-8	42	5.692	-8	75	5.724	-8
9	5.666	-8	43	5.431	-8	76	5.470	-8
10	5.596	-8	44	5.492	-8	77	5.652	-8
11	5.572	-8	45	5.730	-8	78	5.467	-8
12	5.356	-8	46	5.550	-8	79	5.688	-8
13	5.623	-8	47	5.732	-8	80	5.635	-8
14	5.729	-8	48	5.610	-8	81	5.720	-8
15	5.519	-8	49	5.545	-8	82	5.738	-8
16	5.403	-8	50	5.260	-8	83	5.640	-8
17	5.332	-8	51	5.721	-8	84	5.512	-8
18	5.723	-8	52	5.716	-8	85	5.508	-8
19	5.686	-8	53	5.474	-8	86	5.556	-8
20	5.434	-8	54	5.440	-8	87	5.395	-8
21	5.648	-8	55	5.413	-8	88	5.640	-8
22	5.373	-8	56	5.349	-8	89	5.704	-8
23	5.500	-8	57	5.719	-8	90	5.360	-8
24	5.429	-8	58	5.353	-8	91	5.705	-8
25	5.316	-8	59	5.433	-8	92	5.730	-8
26	5.402	-8	60	5.499	-8	93	5.422	-8
27	5.402	-8	61	5.611	-8	94	5.406	-8
28	5.508	-8	62	5.689	-8	95	5.445	-8
29	5.726	-8	63	5.702	-8	96	5.493	-8
30	5.648	-8	64	5.326	-8	97	5.637	-8
31	5.341	-8	65	5.481	-8	98	5.621	-8
32	5.732	-8	66	5.369	-8	99	5.586	-8
33	5.352	-8	67	5.522	-8	100	5.417	-8
34	5.476	-8						

Hop_05								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.542	-8	35	5.484	-8	68	5.329	-8
2	5.572	-8	36	5.296	-8	69	5.384	-8
3	5.609	-8	37	5.656	-8	70	5.700	-8
4	5.681	-8	38	5.597	-8	71	5.488	-8
5	5.682	-8	39	5.713	-8	72	5.521	-8
6	5.658	-8	40	5.593	-8	73	5.669	-8
7	5.524	-8	41	5.667	-8	74	5.676	-8
8	5.486	-8	42	5.564	-8	75	5.686	-8
9	5.382	-8	43	5.340	-8	76	5.301	-8
10	5.575	-8	44	5.504	-8	77	5.442	-8
11	5.486	-8	45	5.725	-8	78	5.539	-8
12	5.609	-8	46	5.580	-8	79	5.635	-8
13	5.692	-8	47	5.438	-8	80	5.560	-8
14	5.358	-8	48	5.580	-8	81	5.632	-8
15	5.439	-8	49	5.399	-8	82	5.593	-8
16	5.583	-8	50	5.719	-8	83	5.669	-8
17	5.441	-8	51	5.412	-8	84	5.501	-8
18	5.491	-8	52	5.455	-8	85	5.408	-8
19	5.553	-8	53	5.381	-8	86	5.726	-8
20	5.422	-8	54	5.688	-8	87	5.312	-8
21	5.374	-8	55	5.589	-8	88	5.486	-8
22	5.614	-8	56	5.611	-8	89	5.430	-8
23	5.668	-8	57	5.634	-8	90	5.542	-8
24	5.532	-8	58	5.492	-8	91	5.420	-8
25	5.587	-8	59	5.428	-8	92	5.715	-8
26	5.338	-8	60	5.322	-8	93	5.508	-8
27	5.345	-8	61	5.472	-8	94	5.556	-8
28	5.469	-8	62	5.552	-8	95	5.420	-8
29	5.602	-8	63	5.322	-8	96	5.711	-8
30	5.660	-8	64	5.593	-8	97	5.431	-8
31	5.711	-8	65	5.346	-8	98	5.477	-8
32	5.339	-8	66	5.514	-8	99	5.645	-8
33	5.315	-8	67	5.383	-8	100	5.562	-8
34	5.625	-8						

Hop_06								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.361	-8	35	5.581	-8	68	5.552	-8
2	5.399	-8	36	5.672	-8	69	5.394	-8
3	5.710	-8	37	5.658	-8	70	5.728	-8
4	5.587	-8	38	5.711	-8	71	5.679	-8
5	5.536	-8	39	5.737	-8	72	5.745	-8
6	5.707	-8	40	5.680	-8	73	5.645	-8
7	5.741	-8	41	5.557	-8	74	5.716	-8
8	5.712	-8	42	5.538	-8	75	5.565	-8
9	5.336	-8	43	5.463	-8	76	5.439	-8
10	5.490	-8	44	5.629	-8	77	5.571	-8
11	5.548	-8	45	5.503	-8	78	5.726	-8
12	5.720	-8	46	5.696	-8	79	5.647	-8
13	5.637	-8	47	5.706	-8	80	5.511	-8
14	5.659	-8	48	5.371	-8	81	5.584	-8
15	5.632	-8	49	5.495	-8	82	5.454	-8
16	5.674	-8	50	5.634	-8	83	5.623	-8
17	5.539	-8	51	5.500	-8	84	5.466	-8
18	5.505	-8	52	5.550	-8	85	5.551	-8
19	5.726	-8	53	5.563	-8	86	5.396	-8
20	5.374	-8	54	5.467	-8	87	5.728	-8
21	5.560	-8	55	5.390	-8	88	5.622	-8
22	5.471	-8	56	5.713	-8	89	5.652	-8
23	5.594	-8	57	5.703	-8	90	5.696	-8
24	5.501	-8	58	5.589	-8	91	5.494	-8
25	5.710	-8	59	5.615	-8	92	5.500	-8
26	5.519	-8	60	5.355	-8	93	5.328	-8
27	5.615	-8	61	5.443	-8	94	5.490	-8
28	5.470	-8	62	5.532	-8	95	5.599	-8
29	5.745	-8	63	5.660	-8	96	5.390	-8
30	5.471	-8	64	5.721	-8	97	5.594	-8
31	5.571	-8	65	5.614	-8	98	5.365	-8
32	5.665	-8	66	5.390	-8	99	5.560	-8
33	5.568	-8	67	5.361	-8	100	5.434	-8
34	5.645	-8						

Hop_07								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.401	-8	35	5.587	-8	68	5.535	-8
2	5.399	-8	36	5.639	-8	69	5.301	-8
3	5.725	-8	37	5.639	-8	70	5.709	-8
4	5.540	-8	38	5.711	-8	71	5.629	-8
5	5.539	-8	39	5.712	-8	72	5.717	-8
6	5.698	-8	40	5.747	-8	73	5.680	-8
7	5.729	-8	41	5.590	-8	74	5.703	-8
8	5.730	-8	42	5.527	-8	75	5.570	-8
9	5.310	-8	43	5.385	-8	76	5.365	-8
10	5.469	-8	44	5.649	-8	77	5.585	-8
11	5.569	-8	45	5.493	-8	78	5.622	-8
12	5.636	-8	46	5.615	-8	79	5.582	-8
13	5.582	-8	47	5.740	-8	80	5.466	-8
14	5.678	-8	48	5.450	-8	81	5.595	-8
15	5.605	-8	49	5.490	-8	82	5.449	-8
16	5.720	-8	50	5.656	-8	83	5.659	-8
17	5.573	-8	51	5.525	-8	84	5.445	-8
18	5.479	-8	52	5.494	-8	85	5.475	-8
19	5.729	-8	53	5.625	-8	86	5.414	-8
20	5.397	-8	54	5.484	-8	87	5.725	-8
21	5.551	-8	55	5.428	-8	88	5.675	-8
22	5.505	-8	56	5.711	-8	89	5.630	-8
23	5.578	-8	57	5.725	-8	90	5.722	-8
24	5.427	-8	58	5.565	-8	91	5.517	-8
25	5.731	-8	59	5.617	-8	92	5.483	-8
26	5.592	-8	60	5.388	-8	93	5.367	-8
27	5.564	-8	61	5.407	-8	94	5.572	-8
28	5.515	-8	62	5.569	-8	95	5.552	-8
29	5.719	-8	63	5.687	-8	96	5.410	-8
30	5.513	-8	64	5.689	-8	97	5.673	-8
31	5.535	-8	65	5.665	-8	98	5.364	-8
32	5.744	-8	66	5.370	-8	99	5.553	-8
33	5.578	-8	67	5.411	-8	100	5.459	-8
34	5.696	-8						

Hop_08								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.437	-8	35	5.317	-8	68	5.434	-8
2	5.505	-8	36	5.365	-8	69	5.315	-8
3	5.574	-8	37	5.725	-8	70	5.642	-8
4	5.339	-8	38	5.420	-8	71	5.627	-8
5	5.459	-8	39	5.593	-8	72	5.703	-8
6	5.589	-8	40	5.695	-8	73	5.581	-8
7	5.672	-8	41	5.659	-8	74	5.695	-8
8	5.575	-8	42	5.653	-8	75	5.570	-8
9	5.609	-8	43	5.292	-8	76	5.261	-8
10	5.313	-8	44	5.499	-8	77	5.538	-8
11	5.362	-8	45	5.512	-8	78	5.686	-8
12	5.379	-8	46	5.563	-8	79	5.520	-8
13	5.668	-8	47	5.559	-8	80	5.447	-8
14	5.637	-8	48	5.625	-8	81	5.527	-8
15	5.731	-8	49	5.628	-8	82	5.384	-8
16	5.332	-8	50	5.661	-8	83	5.710	-8
17	5.369	-8	51	5.486	-8	84	5.404	-8
18	5.630	-8	52	5.442	-8	85	5.534	-8
19	5.567	-8	53	5.714	-8	86	5.303	-8
20	5.609	-8	54	5.318	-8	87	5.728	-8
21	5.603	-8	55	5.462	-8	88	5.579	-8
22	5.627	-8	56	5.383	-8	89	5.686	-8
23	5.713	-8	57	5.631	-8	90	5.564	-8
24	5.617	-8	58	5.491	-8	91	5.527	-8
25	5.542	-8	59	5.710	-8	92	5.456	-8
26	5.442	-8	60	5.511	-8	93	5.364	-8
27	5.378	-8	61	5.627	-8	94	5.467	-8
28	5.570	-8	62	5.502	-8	95	5.610	-8
29	5.464	-8	63	5.734	-8	96	5.355	-8
30	5.569	-8	64	5.386	-8	97	5.583	-8
31	5.703	-8	65	5.478	-8	98	5.369	-8
32	5.401	-8	66	5.643	-8	99	5.474	-8
33	5.435	-8	67	5.581	-8	100	5.405	-8
34	5.614	-8						

HOP_9								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.511	-8	35	5.287	-8	68	5.463	-8
2	5.482	-8	36	5.390	-8	69	5.356	-8
3	5.635	-8	37	5.717	-8	70	5.701	-8
4	5.367	-8	38	5.469	-8	71	5.645	-8
5	5.427	-8	39	5.603	-8	72	5.713	-8
6	5.579	-8	40	5.664	-8	73	5.586	-8
7	5.654	-8	41	5.660	-8	74	5.667	-8
8	5.612	-8	42	5.658	-8	75	5.483	-8
9	5.561	-8	43	5.333	-8	76	5.270	-8
10	5.296	-8	44	5.459	-8	77	5.520	-8
11	5.365	-8	45	5.502	-8	78	5.705	-8
12	5.395	-8	46	5.574	-8	79	5.585	-8
13	5.660	-8	47	5.498	-8	80	5.383	-8
14	5.670	-8	48	5.664	-8	81	5.571	-8
15	5.737	-8	49	5.589	-8	82	5.463	-8
16	5.382	-8	50	5.656	-8	83	5.746	-8
17	5.318	-8	51	5.534	-8	84	5.345	-8
18	5.676	-8	52	5.430	-8	85	5.492	-8
19	5.595	-8	53	5.717	-8	86	5.372	-8
20	5.537	-8	54	5.319	-8	87	5.700	-8
21	5.639	-8	55	5.492	-8	88	5.591	-8
22	5.704	-8	56	5.388	-8	89	5.596	-8
23	5.680	-8	57	5.551	-8	90	5.621	-8
24	5.710	-8	58	5.455	-8	91	5.479	-8
25	5.466	-8	59	5.711	-8	92	5.424	-8
26	5.510	-8	60	5.516	-8	93	5.330	-8
27	5.393	-8	61	5.615	-8	94	5.520	-8
28	5.625	-8	62	5.421	-8	95	5.619	-8
29	5.454	-8	63	5.744	-8	96	5.397	-8
30	5.653	-8	64	5.376	-8	97	5.588	-8
31	5.683	-8	65	5.444	-8	98	5.336	-8
32	5.330	-8	66	5.676	-8	99	5.456	-8
33	5.448	-8	67	5.601	-8	100	5.354	-8
34	5.619	-8						

HOP_10								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.531	-8	35	5.272	-8	68	5.455	-8
2	5.438	-8	36	5.445	-8	69	5.327	-8
3	5.434	-8	37	5.539	-8	70	5.671	-8
4	5.608	-8	38	5.636	-8	71	5.618	-8
5	5.463	-8	39	5.565	-8	72	5.716	-8
6	5.573	-8	40	5.627	-8	73	5.563	-8
7	5.660	-8	41	5.579	-8	74	5.647	-8
8	5.376	-8	42	5.683	-8	75	5.527	-8
9	5.383	-8	43	5.405	-8	76	5.260	-8
10	5.566	-8	44	5.381	-8	77	5.508	-8
11	5.470	-8	45	5.691	-8	78	5.723	-8
12	5.462	-8	46	5.675	-8	79	5.548	-8
13	5.478	-8	47	5.716	-8	80	5.458	-8
14	5.339	-8	48	5.585	-8	81	5.564	-8
15	5.643	-8	49	5.607	-8	82	5.416	-8
16	5.680	-8	50	5.523	-8	83	5.335	-8
17	5.450	-8	51	5.301	-8	84	5.540	-8
18	5.614	-8	52	5.537	-8	85	5.419	-8
19	5.617	-8	53	5.731	-8	86	5.616	-8
20	5.530	-8	54	5.368	-8	87	5.338	-8
21	5.438	-8	55	5.453	-8	88	5.525	-8
22	5.527	-8	56	5.372	-8	89	5.360	-8
23	5.588	-8	57	5.562	-8	90	5.603	-8
24	5.532	-8	58	5.500	-8	91	5.500	-8
25	5.518	-8	59	5.691	-8	92	5.735	-8
26	5.376	-8	60	5.544	-8	93	5.510	-8
27	5.381	-8	61	5.621	-8	94	5.638	-8
28	5.388	-8	62	5.503	-8	95	5.428	-8
29	5.612	-8	63	5.714	-8	96	5.731	-8
30	5.638	-8	64	5.441	-8	97	5.452	-8
31	5.748	-8	65	5.405	-8	98	5.475	-8
32	5.322	-8	66	5.712	-8	99	5.698	-8
33	5.349	-8	67	5.604	-8	100	5.598	-8
34	5.673	-8						

HOP_11								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.465	-8	35	5.342	-8	68	5.448	-8
2	5.496	-8	36	5.509	-8	69	5.384	-8
3	5.366	-8	37	5.536	-8	70	5.649	-8
4	5.546	-8	38	5.646	-8	71	5.616	-8
5	5.452	-8	39	5.485	-8	72	5.714	-8
6	5.568	-8	40	5.625	-8	73	5.616	-8
7	5.678	-8	41	5.594	-8	74	5.679	-8
8	5.372	-8	42	5.672	-8	75	5.479	-8
9	5.394	-8	43	5.428	-8	76	5.326	-8
10	5.579	-8	44	5.309	-8	77	5.548	-8
11	5.478	-8	45	5.667	-8	78	5.742	-8
12	5.438	-8	46	5.656	-8	79	5.547	-8
13	5.481	-8	47	5.708	-8	80	5.382	-8
14	5.294	-8	48	5.592	-8	81	5.522	-8
15	5.698	-8	49	5.624	-8	82	5.479	-8
16	5.665	-8	50	5.517	-8	83	5.382	-8
17	5.379	-8	51	5.313	-8	84	5.523	-8
18	5.586	-8	52	5.488	-8	85	5.421	-8
19	5.602	-8	53	5.704	-8	86	5.635	-8
20	5.570	-8	54	5.372	-8	87	5.376	-8
21	5.404	-8	55	5.514	-8	88	5.481	-8
22	5.620	-8	56	5.419	-8	89	5.439	-8
23	5.662	-8	57	5.576	-8	90	5.593	-8
24	5.617	-8	58	5.468	-8	91	5.472	-8
25	5.522	-8	59	5.712	-8	92	5.664	-8
26	5.365	-8	60	5.514	-8	93	5.569	-8
27	5.284	-8	61	5.629	-8	94	5.598	-8
28	5.420	-8	62	5.409	-8	95	5.482	-8
29	5.659	-8	63	5.746	-8	96	5.728	-8
30	5.613	-8	64	5.389	-8	97	5.399	-8
31	5.710	-8	65	5.425	-8	98	5.395	-8
32	5.332	-8	66	5.710	-8	99	5.688	-8
33	5.292	-8	67	5.599	-8	100	5.554	-8
34	5.704	-8						

HOP_12								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.717	-8	35	5.470	-8	68	5.510	-8
2	5.325	-8	36	5.714	-8	69	5.638	-8
3	5.448	-8	37	5.590	-8	70	5.627	-8
4	5.441	-8	38	5.406	-8	71	5.332	-8
5	5.583	-8	39	5.543	-8	72	5.421	-8
6	5.439	-8	40	5.457	-8	73	5.562	-8
7	5.716	-8	41	5.716	-8	74	5.472	-8
8	5.505	-8	42	5.341	-8	75	5.497	-8
9	5.427	-8	43	5.500	-8	76	5.588	-8
10	5.574	-8	44	5.387	-8	77	5.418	-8
11	5.456	-8	45	5.738	-8	78	5.404	-8
12	5.516	-8	46	5.595	-8	79	5.580	-8
13	5.429	-8	47	5.655	-8	80	5.373	-8
14	5.336	-8	48	5.565	-8	81	5.519	-8
15	5.665	-8	49	5.550	-8	82	5.388	-8
16	5.604	-8	50	5.459	-8	83	5.390	-8
17	5.421	-8	51	5.370	-8	84	5.517	-8
18	5.527	-8	52	5.544	-8	85	5.442	-8
19	5.635	-8	53	5.696	-8	86	5.582	-8
20	5.561	-8	54	5.374	-8	87	5.389	-8
21	5.440	-8	55	5.526	-8	88	5.530	-8
22	5.609	-8	56	5.400	-8	89	5.359	-8
23	5.664	-8	57	5.625	-8	90	5.590	-8
24	5.594	-8	58	5.473	-8	91	5.413	-8
25	5.574	-8	59	5.656	-8	92	5.735	-8
26	5.294	-8	60	5.566	-8	93	5.510	-8
27	5.339	-8	61	5.634	-8	94	5.605	-8
28	5.453	-8	62	5.416	-8	95	5.451	-8
29	5.646	-8	63	5.742	-8	96	5.700	-8
30	5.602	-8	64	5.446	-8	97	5.406	-8
31	5.741	-8	65	5.445	-8	98	5.465	-8
32	5.360	-8	66	5.717	-8	99	5.738	-8
33	5.334	-8	67	5.560	-8	100	5.594	-8
34	5.670	-8						

HOP_13								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.287	-8	35	5.721	-8	68	5.591	-8
2	5.391	-8	36	5.370	-8	69	5.527	-8
3	5.639	-8	37	5.452	-8	70	5.572	-8
4	5.440	-8	38	5.406	-8	71	5.707	-8
5	5.529	-8	39	5.615	-8	72	5.343	-8
6	5.624	-8	40	5.417	-8	73	5.379	-8
7	5.596	-8	41	5.667	-8	74	5.575	-8
8	5.686	-8	42	5.585	-8	75	5.501	-8
9	5.338	-8	43	5.608	-8	76	5.452	-8
10	5.495	-8	44	5.467	-8	77	5.588	-8
11	5.566	-8	45	5.733	-8	78	5.429	-8
12	5.597	-8	46	5.396	-8	79	5.408	-8
13	5.543	-8	47	5.410	-8	80	5.323	-8
14	5.669	-8	48	5.674	-8	81	5.335	-8
15	5.612	-8	49	5.565	-8	82	5.636	-8
16	5.617	-8	50	5.504	-8	83	5.526	-8
17	5.320	-8	51	5.647	-8	84	5.568	-8
18	5.400	-8	52	5.731	-8	85	5.561	-8
19	5.506	-8	53	5.351	-8	86	5.519	-8
20	5.313	-8	54	5.541	-8	87	5.650	-8
21	5.713	-8	55	5.429	-8	88	5.577	-8
22	5.614	-8	56	5.549	-8	89	5.673	-8
23	5.607	-8	57	5.268	-8	90	5.545	-8
24	5.578	-8	58	5.548	-8	91	5.433	-8
25	5.556	-8	59	5.688	-8	92	5.609	-8
26	5.427	-8	60	5.582	-8	93	5.321	-8
27	5.338	-8	61	5.400	-8	94	5.540	-8
28	5.557	-8	62	5.541	-8	95	5.435	-8
29	5.520	-8	63	5.416	-8	96	5.617	-8
30	5.386	-8	64	5.713	-8	97	5.416	-8
31	5.549	-8	65	5.377	-8	98	5.656	-8
32	5.470	-8	66	5.609	-8	99	5.496	-8
33	5.379	-8	67	5.627	-8	100	5.617	-8
34	5.440	-8						

HOP_14								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.715	-8	35	5.556	-8	68	5.535	-8
2	5.308	-8	36	5.719	-8	69	5.594	-8
3	5.515	-8	37	5.545	-8	70	5.691	-8
4	5.357	-8	38	5.452	-8	71	5.327	-8
5	5.632	-8	39	5.514	-8	72	5.396	-8
6	5.411	-8	40	5.479	-8	73	5.559	-8
7	5.731	-8	41	5.687	-8	74	5.450	-8
8	5.585	-8	42	5.415	-8	75	5.515	-8
9	5.464	-8	43	5.494	-8	76	5.584	-8
10	5.573	-8	44	5.342	-8	77	5.374	-8
11	5.467	-8	45	5.681	-8	78	5.464	-8
12	5.444	-8	46	5.539	-8	79	5.568	-8
13	5.498	-8	47	5.665	-8	80	5.399	-8
14	5.368	-8	48	5.600	-8	81	5.500	-8
15	5.715	-8	49	5.566	-8	82	5.414	-8
16	5.601	-8	50	5.404	-8	83	5.335	-8
17	5.403	-8	51	5.311	-8	84	5.518	-8
18	5.560	-8	52	5.537	-8	85	5.403	-8
19	5.652	-8	53	5.711	-8	86	5.586	-8
20	5.560	-8	54	5.377	-8	87	5.327	-8
21	5.390	-8	55	5.446	-8	88	5.509	-8
22	5.550	-8	56	5.424	-8	89	5.418	-8
23	5.675	-8	57	5.545	-8	90	5.547	-8
24	5.539	-8	58	5.505	-8	91	5.411	-8
25	5.569	-8	59	5.724	-8	92	5.728	-8
26	5.314	-8	60	5.558	-8	93	5.509	-8
27	5.345	-8	61	5.570	-8	94	5.579	-8
28	5.452	-8	62	5.479	-8	95	5.406	-8
29	5.655	-8	63	5.743	-8	96	5.716	-8
30	5.600	-8	64	5.363	-8	97	5.443	-8
31	5.738	-8	65	5.407	-8	98	5.403	-8
32	5.388	-8	66	5.709	-8	99	5.660	-8
33	5.370	-8	67	5.590	-8	100	5.585	-8
34	5.624	-8						

HOP_15								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.718	-8	35	5.487	-8	68	5.496	-8
2	5.337	-8	36	5.713	-8	69	5.646	-8
3	5.489	-8	37	5.520	-8	70	5.699	-8
4	5.367	-8	38	5.459	-8	71	5.334	-8
5	5.620	-8	39	5.548	-8	72	5.465	-8
6	5.423	-8	40	5.468	-8	73	5.637	-8
7	5.689	-8	41	5.710	-8	74	5.501	-8
8	5.517	-8	42	5.352	-8	75	5.451	-8
9	5.436	-8	43	5.480	-8	76	5.621	-8
10	5.567	-8	44	5.390	-8	77	5.357	-8
11	5.478	-8	45	5.720	-8	78	5.418	-8
12	5.477	-8	46	5.570	-8	79	5.580	-8
13	5.447	-8	47	5.641	-8	80	5.377	-8
14	5.317	-8	48	5.612	-8	81	5.540	-8
15	5.649	-8	49	5.516	-8	82	5.468	-8
16	5.671	-8	50	5.409	-8	83	5.326	-8
17	5.402	-8	51	5.318	-8	84	5.444	-8
18	5.566	-8	52	5.544	-8	85	5.358	-8
19	5.628	-8	53	5.749	-8	86	5.634	-8
20	5.522	-8	54	5.346	-8	87	5.326	-8
21	5.438	-8	55	5.495	-8	88	5.452	-8
22	5.530	-8	56	5.402	-8	89	5.433	-8
23	5.625	-8	57	5.641	-8	90	5.622	-8
24	5.594	-8	58	5.439	-8	91	5.464	-8
25	5.610	-8	59	5.719	-8	92	5.675	-8
26	5.309	-8	60	5.523	-8	93	5.577	-8
27	5.318	-8	61	5.607	-8	94	5.635	-8
28	5.385	-8	62	5.457	-8	95	5.468	-8
29	5.614	-8	63	5.744	-8	96	5.703	-8
30	5.637	-8	64	5.392	-8	97	5.393	-8
31	5.740	-8	65	5.470	-8	98	5.434	-8
32	5.364	-8	66	5.643	-8	99	5.653	-8
33	5.325	-8	67	5.621	-8	100	5.596	-8
34	5.651	-8						

HOP_16								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.325	-8	35	5.526	-8	68	5.633	-8
2	5.414	-8	36	5.344	-8	69	5.640	-8
3	5.626	-8	37	5.725	-8	70	5.361	-8
4	5.467	-8	38	5.551	-8	71	5.435	-8
5	5.502	-8	39	5.680	-8	72	5.545	-8
6	5.624	-8	40	5.556	-8	73	5.628	-8
7	5.412	-8	41	5.555	-8	74	5.575	-8
8	5.413	-8	42	5.394	-8	75	5.700	-8
9	5.612	-8	43	5.291	-8	76	5.605	-8
10	5.656	-8	44	5.556	-8	77	5.609	-8
11	5.576	-8	45	5.593	-8	78	5.482	-8
12	5.538	-8	46	5.315	-8	79	5.452	-8
13	5.350	-8	47	5.615	-8	80	5.743	-8
14	5.367	-8	48	5.340	-8	81	5.343	-8
15	5.421	-8	49	5.524	-8	82	5.412	-8
16	5.655	-8	50	5.406	-8	83	5.297	-8
17	5.590	-8	51	5.313	-8	84	5.468	-8
18	5.557	-8	52	5.525	-8	85	5.417	-8
19	5.602	-8	53	5.727	-8	86	5.566	-8
20	5.600	-8	54	5.320	-8	87	5.318	-8
21	5.397	-8	55	5.521	-8	88	5.524	-8
22	5.569	-8	56	5.426	-8	89	5.357	-8
23	5.609	-8	57	5.601	-8	90	5.596	-8
24	5.618	-8	58	5.500	-8	91	5.473	-8
25	5.551	-8	59	5.662	-8	92	5.680	-8
26	5.316	-8	60	5.558	-8	93	5.495	-8
27	5.316	-8	61	5.629	-8	94	5.608	-8
28	5.377	-8	62	5.444	-8	95	5.411	-8
29	5.630	-8	63	5.747	-8	96	5.719	-8
30	5.619	-8	64	5.432	-8	97	5.392	-8
31	5.605	-8	65	5.399	-8	98	5.415	-8
32	5.313	-8	66	5.639	-8	99	5.718	-8
33	5.307	-8	67	5.585	-8	100	5.546	-8
34	5.634	-8						

HOP_17								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.398	-8	35	5.520	-8	68	5.589	-8
2	5.425	-8	36	5.392	-8	69	5.623	-8
3	5.570	-8	37	5.737	-8	70	5.318	-8
4	5.490	-8	38	5.570	-8	71	5.531	-8
5	5.513	-8	39	5.665	-8	72	5.569	-8
6	5.644	-8	40	5.588	-8	73	5.579	-8
7	5.403	-8	41	5.492	-8	74	5.489	-8
8	5.408	-8	42	5.469	-8	75	5.665	-8
9	5.606	-8	43	5.360	-8	76	5.595	-8
10	5.681	-8	44	5.532	-8	77	5.590	-8
11	5.583	-8	45	5.591	-8	78	5.468	-8
12	5.599	-8	46	5.384	-8	79	5.434	-8
13	5.312	-8	47	5.648	-8	80	5.726	-8
14	5.307	-8	48	5.299	-8	81	5.319	-8
15	5.402	-8	49	5.526	-8	82	5.466	-8
16	5.629	-8	50	5.443	-8	83	5.315	-8
17	5.655	-8	51	5.279	-8	84	5.456	-8
18	5.533	-8	52	5.493	-8	85	5.408	-8
19	5.647	-8	53	5.724	-8	86	5.623	-8
20	5.558	-8	54	5.297	-8	87	5.327	-8
21	5.435	-8	55	5.481	-8	88	5.471	-8
22	5.561	-8	56	5.357	-8	89	5.372	-8
23	5.610	-8	57	5.635	-8	90	5.561	-8
24	5.599	-8	58	5.440	-8	91	5.428	-8
25	5.546	-8	59	5.713	-8	92	5.661	-8
26	5.318	-8	60	5.541	-8	93	5.516	-8
27	5.380	-8	61	5.556	-8	94	5.628	-8
28	5.442	-8	62	5.440	-8	95	5.504	-8
29	5.657	-8	63	5.730	-8	96	5.740	-8
30	5.609	-8	64	5.395	-8	97	5.456	-8
31	5.714	-8	65	5.391	-8	98	5.453	-8
32	5.380	-8	66	5.702	-8	99	5.724	-8
33	5.303	-8	67	5.612	-8	100	5.537	-8
34	5.626	-8						

HOP_18								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.387	-8	35	5.661	-8	68	5.286	-8
2	5.580	-8	36	5.505	-8	69	5.532	-8
3	5.670	-8	37	5.423	-8	70	5.590	-8
4	5.585	-8	38	5.719	-8	71	5.642	-8
5	5.554	-8	39	5.502	-8	72	5.503	-8
6	5.309	-8	40	5.575	-8	73	5.664	-8
7	5.332	-8	41	5.572	-8	74	5.608	-8
8	5.436	-8	42	5.564	-8	75	5.641	-8
9	5.600	-8	43	5.512	-8	76	5.516	-8
10	5.648	-8	44	5.529	-8	77	5.445	-8
11	5.717	-8	45	5.550	-8	78	5.711	-8
12	5.373	-8	46	5.506	-8	79	5.480	-8
13	5.310	-8	47	5.645	-8	80	5.604	-8
14	5.625	-8	48	5.645	-8	81	5.325	-8
15	5.463	-8	49	5.652	-8	82	5.393	-8
16	5.621	-8	50	5.485	-8	83	5.350	-8
17	5.673	-8	51	5.482	-8	84	5.530	-8
18	5.596	-8	52	5.741	-8	85	5.357	-8
19	5.622	-8	53	5.361	-8	86	5.580	-8
20	5.612	-8	54	5.459	-8	87	5.339	-8
21	5.379	-8	55	5.444	-8	88	5.471	-8
22	5.555	-8	56	5.586	-8	89	5.435	-8
23	5.662	-8	57	5.492	-8	90	5.575	-8
24	5.572	-8	58	5.674	-8	91	5.462	-8
25	5.586	-8	59	5.557	-8	92	5.661	-8
26	5.326	-8	60	5.613	-8	93	5.519	-8
27	5.301	-8	61	5.445	-8	94	5.610	-8
28	5.412	-8	62	5.707	-8	95	5.468	-8
29	5.664	-8	63	5.388	-8	96	5.742	-8
30	5.675	-8	64	5.461	-8	97	5.375	-8
31	5.616	-8	65	5.651	-8	98	5.410	-8
32	5.383	-8	66	5.632	-8	99	5.732	-8
33	5.369	-8	67	5.621	-8	100	5.565	-8
34	5.688	-8						

HOP_19								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.390	-8	35	5.591	-8	68	5.285	-8
2	5.556	-8	36	5.537	-8	69	5.445	-8
3	5.621	-8	37	5.425	-8	70	5.501	-8
4	5.617	-8	38	5.716	-8	71	5.592	-8
5	5.592	-8	39	5.452	-8	72	5.571	-8
6	5.339	-8	40	5.527	-8	73	5.644	-8
7	5.342	-8	41	5.596	-8	74	5.630	-8
8	5.463	-8	42	5.569	-8	75	5.617	-8
9	5.649	-8	43	5.519	-8	76	5.460	-8
10	5.578	-8	44	5.513	-8	77	5.420	-8
11	5.731	-8	45	5.607	-8	78	5.718	-8
12	5.378	-8	46	5.515	-8	79	5.496	-8
13	5.343	-8	47	5.698	-8	80	5.743	-8
14	5.688	-8	48	5.552	-8	81	5.334	-8
15	5.395	-8	49	5.666	-8	82	5.478	-8
16	5.629	-8	50	5.468	-8	83	5.355	-8
17	5.644	-8	51	5.447	-8	84	5.464	-8
18	5.604	-8	52	5.721	-8	85	5.385	-8
19	5.601	-8	53	5.319	-8	86	5.606	-8
20	5.610	-8	54	5.516	-8	87	5.347	-8
21	5.368	-8	55	5.356	-8	88	5.519	-8
22	5.598	-8	56	5.614	-8	89	5.409	-8
23	5.684	-8	57	5.408	-8	90	5.568	-8
24	5.579	-8	58	5.678	-8	91	5.429	-8
25	5.545	-8	59	5.570	-8	92	5.660	-8
26	5.313	-8	60	5.546	-8	93	5.553	-8
27	5.309	-8	61	5.412	-8	94	5.570	-8
28	5.455	-8	62	5.723	-8	95	5.483	-8
29	5.602	-8	63	5.367	-8	96	5.746	-8
30	5.620	-8	64	5.440	-8	97	5.387	-8
31	5.737	-8	65	5.664	-8	98	5.392	-8
32	5.357	-8	66	5.620	-8	99	5.638	-8
33	5.327	-8	67	5.560	-8	100	5.552	-8
34	5.626	-8						

HOP_20								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.406	-8	35	5.582	-8	68	5.345	-8
2	5.726	-8	36	5.404	-8	69	5.429	-8
3	5.433	-8	37	5.514	-8	70	5.560	-8
4	5.553	-8	38	5.394	-8	71	5.657	-8
5	5.662	-8	39	5.713	-8	72	5.569	-8
6	5.603	-8	40	5.325	-8	73	5.531	-8
7	5.691	-8	41	5.496	-8	74	5.321	-8
8	5.292	-8	42	5.309	-8	75	5.337	-8
9	5.518	-8	43	5.735	-8	76	5.437	-8
10	5.555	-8	44	5.617	-8	77	5.617	-8
11	5.564	-8	45	5.645	-8	78	5.620	-8
12	5.560	-8	46	5.577	-8	79	5.733	-8
13	5.690	-8	47	5.500	-8	80	5.301	-8
14	5.557	-8	48	5.481	-8	81	5.365	-8
15	5.654	-8	49	5.353	-8	82	5.672	-8
16	5.524	-8	50	5.477	-8	83	5.311	-8
17	5.433	-8	51	5.639	-8	84	5.449	-8
18	5.732	-8	52	5.726	-8	85	5.360	-8
19	5.382	-8	53	5.303	-8	86	5.546	-8
20	5.467	-8	54	5.512	-8	87	5.350	-8
21	5.439	-8	55	5.397	-8	88	5.508	-8
22	5.589	-8	56	5.562	-8	89	5.436	-8
23	5.640	-8	57	5.472	-8	90	5.574	-8
24	5.603	-8	58	5.713	-8	91	5.495	-8
25	5.520	-8	59	5.488	-8	92	5.678	-8
26	5.362	-8	60	5.558	-8	93	5.532	-8
27	5.336	-8	61	5.459	-8	94	5.585	-8
28	5.435	-8	62	5.747	-8	95	5.420	-8
29	5.585	-8	63	5.399	-8	96	5.741	-8
30	5.599	-8	64	5.408	-8	97	5.389	-8
31	5.746	-8	65	5.679	-8	98	5.442	-8
32	5.389	-8	66	5.629	-8	99	5.680	-8
33	5.311	-8	67	5.619	-8	100	5.542	-8
34	5.648	-8						

HOP_21								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.406	-8	35	5.590	-8	68	5.400	-8
2	5.647	-8	36	5.390	-8	69	5.450	-8
3	5.431	-8	37	5.570	-8	70	5.621	-8
4	5.569	-8	38	5.451	-8	71	5.596	-8
5	5.641	-8	39	5.706	-8	72	5.565	-8
6	5.662	-8	40	5.327	-8	73	5.546	-8
7	5.677	-8	41	5.466	-8	74	5.336	-8
8	5.294	-8	42	5.304	-8	75	5.363	-8
9	5.484	-8	43	5.737	-8	76	5.375	-8
10	5.575	-8	44	5.570	-8	77	5.625	-8
11	5.555	-8	45	5.682	-8	78	5.596	-8
12	5.565	-8	46	5.607	-8	79	5.734	-8
13	5.630	-8	47	5.526	-8	80	5.343	-8
14	5.582	-8	48	5.429	-8	81	5.387	-8
15	5.662	-8	49	5.308	-8	82	5.609	-8
16	5.539	-8	50	5.552	-8	83	5.326	-8
17	5.452	-8	51	5.605	-8	84	5.444	-8
18	5.602	-8	52	5.603	-8	85	5.400	-8
19	5.328	-8	53	5.338	-8	86	5.617	-8
20	5.502	-8	54	5.532	-8	87	5.384	-8
21	5.406	-8	55	5.381	-8	88	5.490	-8
22	5.528	-8	56	5.571	-8	89	5.364	-8
23	5.589	-8	57	5.502	-8	90	5.544	-8
24	5.603	-8	58	5.681	-8	91	5.485	-8
25	5.569	-8	59	5.499	-8	92	5.673	-8
26	5.321	-8	60	5.549	-8	93	5.544	-8
27	5.301	-8	61	5.410	-8	94	5.588	-8
28	5.386	-8	62	5.706	-8	95	5.462	-8
29	5.675	-8	63	5.390	-8	96	5.747	-8
30	5.596	-8	64	5.409	-8	97	5.372	-8
31	5.713	-8	65	5.736	-8	98	5.445	-8
32	5.371	-8	66	5.572	-8	99	5.699	-8
33	5.318	-8	67	5.560	-8	100	5.606	-8
34	5.699	-8						

HOP_22								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.378	-8	35	5.551	-8	68	5.407	-8
2	5.725	-8	36	5.372	-8	69	5.373	-8
3	5.464	-8	37	5.551	-8	70	5.609	-8
4	5.524	-8	38	5.434	-8	71	5.674	-8
5	5.690	-8	39	5.713	-8	72	5.537	-8
6	5.636	-8	40	5.388	-8	73	5.561	-8
7	5.697	-8	41	5.466	-8	74	5.283	-8
8	5.346	-8	42	5.307	-8	75	5.306	-8
9	5.506	-8	43	5.729	-8	76	5.420	-8
10	5.521	-8	44	5.612	-8	77	5.618	-8
11	5.549	-8	45	5.623	-8	78	5.634	-8
12	5.487	-8	46	5.648	-8	79	5.724	-8
13	5.687	-8	47	5.543	-8	80	5.294	-8
14	5.614	-8	48	5.453	-8	81	5.324	-8
15	5.593	-8	49	5.275	-8	82	5.639	-8
16	5.456	-8	50	5.465	-8	83	5.293	-8
17	5.461	-8	51	5.613	-8	84	5.515	-8
18	5.745	-8	52	5.712	-8	85	5.366	-8
19	5.291	-8	53	5.300	-8	86	5.638	-8
20	5.446	-8	54	5.489	-8	87	5.309	-8
21	5.431	-8	55	5.369	-8	88	5.448	-8
22	5.540	-8	56	5.547	-8	89	5.440	-8
23	5.662	-8	57	5.505	-8	90	5.563	-8
24	5.552	-8	58	5.744	-8	91	5.417	-8
25	5.597	-8	59	5.534	-8	92	5.712	-8
26	5.363	-8	60	5.641	-8	93	5.558	-8
27	5.320	-8	61	5.412	-8	94	5.614	-8
28	5.428	-8	62	5.697	-8	95	5.466	-8
29	5.679	-8	63	5.429	-8	96	5.730	-8
30	5.605	-8	64	5.440	-8	97	5.378	-8
31	5.742	-8	65	5.733	-8	98	5.407	-8
32	5.363	-8	66	5.635	-8	99	5.660	-8
33	5.308	-8	67	5.565	-8	100	5.634	-8
34	5.644	-8						

HOP_23								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.438	-8	35	5.586	-8	68	5.349	-8
2	5.662	-8	36	5.379	-8	69	5.422	-8
3	5.415	-8	37	5.488	-8	70	5.588	-8
4	5.520	-8	38	5.398	-8	71	5.610	-8
5	5.644	-8	39	5.676	-8	72	5.613	-8
6	5.659	-8	40	5.322	-8	73	5.590	-8
7	5.666	-8	41	5.493	-8	74	5.314	-8
8	5.297	-8	42	5.382	-8	75	5.361	-8
9	5.487	-8	43	5.734	-8	76	5.374	-8
10	5.575	-8	44	5.565	-8	77	5.587	-8
11	5.586	-8	45	5.646	-8	78	5.610	-8
12	5.542	-8	46	5.576	-8	79	5.713	-8
13	5.692	-8	47	5.521	-8	80	5.312	-8
14	5.577	-8	48	5.390	-8	81	5.346	-8
15	5.616	-8	49	5.315	-8	82	5.659	-8
16	5.537	-8	50	5.463	-8	83	5.389	-8
17	5.272	-8	51	5.597	-8	84	5.542	-8
18	5.524	-8	52	5.736	-8	85	5.447	-8
19	5.509	-8	53	5.350	-8	86	5.577	-8
20	5.583	-8	54	5.448	-8	87	5.338	-8
21	5.501	-8	55	5.359	-8	88	5.473	-8
22	5.688	-8	56	5.547	-8	89	5.353	-8
23	5.614	-8	57	5.297	-8	90	5.354	-8
24	5.616	-8	58	5.540	-8	91	5.502	-8
25	5.509	-8	59	5.724	-8	92	5.684	-8
26	5.479	-8	60	5.522	-8	93	5.541	-8
27	5.725	-8	61	5.459	-8	94	5.393	-8
28	5.297	-8	62	5.529	-8	95	5.527	-8
29	5.499	-8	63	5.468	-8	96	5.398	-8
30	5.393	-8	64	5.733	-8	97	5.733	-8
31	5.596	-8	65	5.336	-8	98	5.356	-8
32	5.443	-8	66	5.622	-8	99	5.461	-8
33	5.359	-8	67	5.658	-8	100	5.306	-8
34	5.496	-8						

HOP_24								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.397	-8	35	5.511	-8	68	5.429	-8
2	5.687	-8	36	5.430	-8	69	5.382	-8
3	5.447	-8	37	5.572	-8	70	5.573	-8
4	5.574	-8	38	5.441	-8	71	5.641	-8
5	5.703	-8	39	5.719	-8	72	5.617	-8
6	5.607	-8	40	5.391	-8	73	5.562	-8
7	5.663	-8	41	5.466	-8	74	5.320	-8
8	5.295	-8	42	5.368	-8	75	5.340	-8
9	5.501	-8	43	5.722	-8	76	5.466	-8
10	5.566	-8	44	5.604	-8	77	5.632	-8
11	5.576	-8	45	5.607	-8	78	5.597	-8
12	5.493	-8	46	5.647	-8	79	5.744	-8
13	5.630	-8	47	5.537	-8	80	5.359	-8
14	5.590	-8	48	5.396	-8	81	5.333	-8
15	5.671	-8	49	5.331	-8	82	5.672	-8
16	5.455	-8	50	5.497	-8	83	5.323	-8
17	5.320	-8	51	5.610	-8	84	5.495	-8
18	5.438	-8	52	5.741	-8	85	5.444	-8
19	5.564	-8	53	5.296	-8	86	5.551	-8
20	5.613	-8	54	5.528	-8	87	5.309	-8
21	5.575	-8	55	5.421	-8	88	5.525	-8
22	5.686	-8	56	5.542	-8	89	5.303	-8
23	5.613	-8	57	5.285	-8	90	5.259	-8
24	5.610	-8	58	5.475	-8	91	5.546	-8
25	5.495	-8	59	5.720	-8	92	5.714	-8
26	5.429	-8	60	5.505	-8	93	5.510	-8
27	5.748	-8	61	5.414	-8	94	5.383	-8
28	5.390	-8	62	5.507	-8	95	5.483	-8
29	5.462	-8	63	5.451	-8	96	5.405	-8
30	5.390	-8	64	5.716	-8	97	5.692	-8
31	5.547	-8	65	5.324	-8	98	5.353	-8
32	5.424	-8	66	5.563	-8	99	5.500	-8
33	5.361	-8	67	5.597	-8	100	5.339	-8
34	5.500	-8						

HOP_25								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.508	-8	35	5.344	-8	68	5.352	-8
2	5.461	-8	36	5.437	-8	69	5.447	-8
3	5.341	-8	37	5.512	-8	70	5.574	-8
4	5.586	-8	38	5.549	-8	71	5.652	-8
5	5.494	-8	39	5.507	-8	72	5.579	-8
6	5.604	-8	40	5.617	-8	73	5.539	-8
7	5.626	-8	41	5.612	-8	74	5.371	-8
8	5.323	-8	42	5.608	-8	75	5.301	-8
9	5.394	-8	43	5.509	-8	76	5.434	-8
10	5.649	-8	44	5.503	-8	77	5.654	-8
11	5.472	-8	45	5.737	-8	78	5.645	-8
12	5.427	-8	46	5.372	-8	79	5.743	-8
13	5.591	-8	47	5.485	-8	80	5.320	-8
14	5.395	-8	48	5.444	-8	81	5.293	-8
15	5.370	-8	49	5.559	-8	82	5.689	-8
16	5.546	-8	50	5.485	-8	83	5.511	-8
17	5.341	-8	51	5.596	-8	84	5.530	-8
18	5.437	-8	52	5.713	-8	85	5.628	-8
19	5.518	-8	53	5.295	-8	86	5.515	-8
20	5.643	-8	54	5.490	-8	87	5.701	-8
21	5.475	-8	55	5.416	-8	88	5.647	-8
22	5.655	-8	56	5.566	-8	89	5.614	-8
23	5.560	-8	57	5.353	-8	90	5.525	-8
24	5.640	-8	58	5.516	-8	91	5.472	-8
25	5.495	-8	59	5.744	-8	92	5.725	-8
26	5.465	-8	60	5.573	-8	93	5.361	-8
27	5.728	-8	61	5.392	-8	94	5.469	-8
28	5.373	-8	62	5.566	-8	95	5.411	-8
29	5.525	-8	63	5.437	-8	96	5.545	-8
30	5.382	-8	64	5.711	-8	97	5.430	-8
31	5.548	-8	65	5.370	-8	98	5.726	-8
32	5.409	-8	66	5.581	-8	99	5.582	-8
33	5.368	-8	67	5.648	-8	100	5.621	-8
34	5.518	-8						

HOP_26								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.524	-8	35	5.289	-8	68	5.395	-8
2	5.492	-8	36	5.520	-8	69	5.428	-8
3	5.336	-8	37	5.560	-8	70	5.547	-8
4	5.542	-8	38	5.616	-8	71	5.664	-8
5	5.503	-8	39	5.552	-8	72	5.608	-8
6	5.641	-8	40	5.670	-8	73	5.585	-8
7	5.705	-8	41	5.640	-8	74	5.348	-8
8	5.338	-8	42	5.617	-8	75	5.296	-8
9	5.378	-8	43	5.509	-8	76	5.410	-8
10	5.641	-8	44	5.470	-8	77	5.594	-8
11	5.501	-8	45	5.603	-8	78	5.626	-8
12	5.469	-8	46	5.327	-8	79	5.739	-8
13	5.621	-8	47	5.464	-8	80	5.309	-8
14	5.362	-8	48	5.412	-8	81	5.341	-8
15	5.447	-8	49	5.559	-8	82	5.678	-8
16	5.594	-8	50	5.551	-8	83	5.503	-8
17	5.355	-8	51	5.648	-8	84	5.507	-8
18	5.520	-8	52	5.712	-8	85	5.584	-8
19	5.519	-8	53	5.313	-8	86	5.557	-8
20	5.563	-8	54	5.487	-8	87	5.622	-8
21	5.536	-8	55	5.400	-8	88	5.587	-8
22	5.688	-8	56	5.549	-8	89	5.622	-8
23	5.560	-8	57	5.343	-8	90	5.458	-8
24	5.657	-8	58	5.523	-8	91	5.429	-8
25	5.545	-8	59	5.696	-8	92	5.747	-8
26	5.475	-8	60	5.547	-8	93	5.365	-8
27	5.728	-8	61	5.453	-8	94	5.480	-8
28	5.299	-8	62	5.492	-8	95	5.432	-8
29	5.534	-8	63	5.469	-8	96	5.620	-8
30	5.358	-8	64	5.742	-8	97	5.445	-8
31	5.547	-8	65	5.413	-8	98	5.682	-8
32	5.486	-8	66	5.619	-8	99	5.512	-8
33	5.362	-8	67	5.600	-8	100	5.597	-8
34	5.512	-8						

HOP_27								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.556	-8	35	5.271	-8	68	5.423	-8
2	5.419	-8	36	5.444	-8	69	5.460	-8
3	5.430	-8	37	5.522	-8	70	5.543	-8
4	5.603	-8	38	5.559	-8	71	5.615	-8
5	5.447	-8	39	5.519	-8	72	5.551	-8
6	5.561	-8	40	5.681	-8	73	5.548	-8
7	5.682	-8	41	5.598	-8	74	5.320	-8
8	5.332	-8	42	5.605	-8	75	5.310	-8
9	5.383	-8	43	5.540	-8	76	5.451	-8
10	5.608	-8	44	5.495	-8	77	5.650	-8
11	5.457	-8	45	5.737	-8	78	5.611	-8
12	5.443	-8	46	5.313	-8	79	5.716	-8
13	5.553	-8	47	5.449	-8	80	5.308	-8
14	5.423	-8	48	5.404	-8	81	5.326	-8
15	5.459	-8	49	5.543	-8	82	5.687	-8
16	5.564	-8	50	5.499	-8	83	5.510	-8
17	5.277	-8	51	5.646	-8	84	5.523	-8
18	5.462	-8	52	5.722	-8	85	5.606	-8
19	5.548	-8	53	5.350	-8	86	5.557	-8
20	5.640	-8	54	5.530	-8	87	5.662	-8
21	5.529	-8	55	5.376	-8	88	5.608	-8
22	5.674	-8	56	5.546	-8	89	5.626	-8
23	5.578	-8	57	5.265	-8	90	5.547	-8
24	5.591	-8	58	5.500	-8	91	5.470	-8
25	5.532	-8	59	5.683	-8	92	5.740	-8
26	5.441	-8	60	5.564	-8	93	5.300	-8
27	5.731	-8	61	5.446	-8	94	5.452	-8
28	5.372	-8	62	5.508	-8	95	5.451	-8
29	5.448	-8	63	5.467	-8	96	5.635	-8
30	5.440	-8	64	5.707	-8	97	5.476	-8
31	5.589	-8	65	5.373	-8	98	5.665	-8
32	5.472	-8	66	5.608	-8	99	5.556	-8
33	5.374	-8	67	5.595	-8	100	5.642	-8
34	5.477	-8						

HOP_28								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.538	-8	35	5.456	-8	68	5.372	-8
2	5.481	-8	36	5.539	-8	69	5.605	-8
3	5.408	-8	37	5.680	-8	70	5.475	-8
4	5.608	-8	38	5.602	-8	71	5.426	-8
5	5.455	-8	39	5.663	-8	72	5.640	-8
6	5.589	-8	40	5.296	-8	73	5.382	-8
7	5.719	-8	41	5.512	-8	74	5.457	-8
8	5.348	-8	42	5.528	-8	75	5.621	-8
9	5.377	-8	43	5.607	-8	76	5.667	-8
10	5.638	-8	44	5.511	-8	77	5.571	-8
11	5.463	-8	45	5.662	-8	78	5.513	-8
12	5.420	-8	46	5.612	-8	79	5.278	-8
13	5.570	-8	47	5.470	-8	80	5.316	-8
14	5.424	-8	48	5.406	-8	81	5.350	-8
15	5.368	-8	49	5.607	-8	82	5.607	-8
16	5.571	-8	50	5.492	-8	83	5.462	-8
17	5.274	-8	51	5.595	-8	84	5.592	-8
18	5.411	-8	52	5.721	-8	85	5.596	-8
19	5.463	-8	53	5.340	-8	86	5.489	-8
20	5.305	-8	54	5.471	-8	87	5.614	-8
21	5.737	-8	55	5.419	-8	88	5.629	-8
22	5.571	-8	56	5.640	-8	89	5.623	-8
23	5.621	-8	57	5.328	-8	90	5.459	-8
24	5.624	-8	58	5.486	-8	91	5.431	-8
25	5.567	-8	59	5.738	-8	92	5.745	-8
26	5.403	-8	60	5.541	-8	93	5.383	-8
27	5.332	-8	61	5.432	-8	94	5.538	-8
28	5.536	-8	62	5.579	-8	95	5.409	-8
29	5.510	-8	63	5.424	-8	96	5.591	-8
30	5.373	-8	64	5.721	-8	97	5.460	-8
31	5.567	-8	65	5.407	-8	98	5.680	-8
32	5.419	-8	66	5.570	-8	99	5.534	-8
33	5.389	-8	67	5.671	-8	100	5.555	-8
34	5.482	-8						

HOP_29								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.492	-8	35	5.399	-8	68	5.430	-8
2	5.506	-8	36	5.542	-8	69	5.572	-8
3	5.360	-8	37	5.715	-8	70	5.431	-8
4	5.622	-8	38	5.669	-8	71	5.499	-8
5	5.465	-8	39	5.686	-8	72	5.546	-8
6	5.633	-8	40	5.288	-8	73	5.424	-8
7	5.716	-8	41	5.509	-8	74	5.389	-8
8	5.324	-8	42	5.506	-8	75	5.528	-8
9	5.467	-8	43	5.590	-8	76	5.638	-8
10	5.589	-8	44	5.566	-8	77	5.604	-8
11	5.490	-8	45	5.604	-8	78	5.550	-8
12	5.490	-8	46	5.553	-8	79	5.303	-8
13	5.575	-8	47	5.540	-8	80	5.337	-8
14	5.406	-8	48	5.455	-8	81	5.376	-8
15	5.422	-8	49	5.582	-8	82	5.673	-8
16	5.570	-8	50	5.500	-8	83	5.500	-8
17	5.291	-8	51	5.617	-8	84	5.501	-8
18	5.414	-8	52	5.712	-8	85	5.611	-8
19	5.534	-8	53	5.295	-8	86	5.496	-8
20	5.312	-8	54	5.492	-8	87	5.618	-8
21	5.729	-8	55	5.403	-8	88	5.566	-8
22	5.561	-8	56	5.571	-8	89	5.629	-8
23	5.668	-8	57	5.267	-8	90	5.474	-8
24	5.611	-8	58	5.465	-8	91	5.467	-8
25	5.504	-8	59	5.714	-8	92	5.715	-8
26	5.423	-8	60	5.575	-8	93	5.306	-8
27	5.286	-8	61	5.424	-8	94	5.455	-8
28	5.557	-8	62	5.558	-8	95	5.371	-8
29	5.500	-8	63	5.430	-8	96	5.609	-8
30	5.441	-8	64	5.674	-8	97	5.427	-8
31	5.613	-8	65	5.398	-8	98	5.689	-8
32	5.454	-8	66	5.527	-8	99	5.561	-8
33	5.367	-8	67	5.592	-8	100	5.601	-8
34	5.490	-8						

HOP_30								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.554	-8	35	5.493	-8	68	5.372	-8
2	5.466	-8	36	5.600	-8	69	5.569	-8
3	5.412	-8	37	5.651	-8	70	5.468	-8
4	5.533	-8	38	5.593	-8	71	5.509	-8
5	5.463	-8	39	5.632	-8	72	5.643	-8
6	5.600	-8	40	5.289	-8	73	5.424	-8
7	5.691	-8	41	5.488	-8	74	5.429	-8
8	5.355	-8	42	5.560	-8	75	5.589	-8
9	5.408	-8	43	5.599	-8	76	5.642	-8
10	5.648	-8	44	5.481	-8	77	5.546	-8
11	5.497	-8	45	5.619	-8	78	5.541	-8
12	5.427	-8	46	5.592	-8	79	5.315	-8
13	5.621	-8	47	5.494	-8	80	5.322	-8
14	5.372	-8	48	5.364	-8	81	5.359	-8
15	5.388	-8	49	5.613	-8	82	5.664	-8
16	5.534	-8	50	5.519	-8	83	5.475	-8
17	5.325	-8	51	5.636	-8	84	5.556	-8
18	5.399	-8	52	5.714	-8	85	5.636	-8
19	5.527	-8	53	5.316	-8	86	5.566	-8
20	5.348	-8	54	5.505	-8	87	5.680	-8
21	5.708	-8	55	5.363	-8	88	5.591	-8
22	5.553	-8	56	5.556	-8	89	5.618	-8
23	5.676	-8	57	5.323	-8	90	5.540	-8
24	5.559	-8	58	5.489	-8	91	5.453	-8
25	5.566	-8	59	5.702	-8	92	5.714	-8
26	5.431	-8	60	5.509	-8	93	5.383	-8
27	5.294	-8	61	5.393	-8	94	5.512	-8
28	5.529	-8	62	5.514	-8	95	5.391	-8
29	5.495	-8	63	5.393	-8	96	5.563	-8
30	5.442	-8	64	5.711	-8	97	5.456	-8
31	5.633	-8	65	5.364	-8	98	5.689	-8
32	5.407	-8	66	5.585	-8	99	5.504	-8
33	5.364	-8	67	5.594	-8	100	5.622	-8
34	5.450	-8						

11.2 Bandwidth 40MHz

Radar Type 1				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	18	1.0u	1428μ	O
2	18	1.0u	1428μ	O
3	18	1.0u	1428μ	X
4	18	1.0u	1428μ	O
5	18	1.0u	1428μ	O
6	18	1.0u	1428μ	O
7	18	1.0u	1428μ	O
8	18	1.0u	1428μ	O
9	18	1.0u	1428μ	O
10	18	1.0u	1428μ	O
11	18	1.0u	1428μ	O
12	18	1.0u	1428μ	O
13	18	1.0u	1428μ	O
14	18	1.0u	1428μ	O
15	18	1.0u	1428μ	X
16	18	1.0u	1428μ	O
17	18	1.0u	1428μ	O
18	18	1.0u	1428μ	X
19	18	1.0u	1428μ	X
20	18	1.0u	1428μ	O
21	18	1.0u	1428μ	O
22	18	1.0u	1428μ	O
23	18	1.0u	1428μ	O
24	18	1.0u	1428μ	O
25	18	1.0u	1428μ	O
26	18	1.0u	1428μ	X
27	18	1.0u	1428μ	O
28	18	1.0u	1428μ	O
29	18	1.0u	1428μ	O
30	18	1.0u	1428μ	O
Detection Rate: 83.33 %				
Standard				
Pulse Width: 1 μsec		PRI: 1428μsec	Pulses per Burst: 18	

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Radar Type 2				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	23	1.4	225	O
2	26	2.0	230	X
3	28	4.5	201	O
4	24	1.2	198	O
5	25	2.0	151	O
6	28	4.2	166	X
7	27	4.7	170	O
8	23	2.5	155	O
9	27	2.3	173	X
10	29	2.7	150	X
11	23	2.6	201	O
12	27	4.5	221	O
13	26	5.5	169	O
14	25	1.5	159	O
15	24	4.3	183	O
16	27	3.9	153	O
17	29	4.0	182	X
18	29	4.4	217	O
19	23	4.9	181	O
20	26	2.1	181	O
21	26	2.4	162	O
22	23	4.3	189	O
23	28	1.4	222	O
24	27	4.4	155	O
25	23	2.8	207	X
26	28	3.8	196	O
27	23	4.4	193	O
28	25	2.5	182	O
29	26	4.9	153	O
30	25	1.8	178	O
Detection Rate: 80.00 %				
Standard				
Pulse Width：1~5 μsec		PRI: 150 ~ 230 μsec	Pulses per Burst: 23~29	

Note: “○” means the equipment interrupted to transmit data immediately when detected radar signal.
“X” means the equipment continued to transmit data when detected radar signal.

Radar Type 3				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	16	10.0	225	O
2	17	8.4	457	O
3	18	9.2	419	O
4	17	7.9	339	O
5	16	8.8	412	O
6	17	7.1	234	O
7	18	6.2	439	O
8	18	8.1	405	O
9	16	6.7	469	O
10	18	5.8	409	O
11	18	8.7	271	X
12	17	9.3	364	X
13	16	7.3	280	X
14	18	7.6	335	O
15	17	8.4	263	O
16	17	10.7	291	O
17	17	6.3	423	X
18	18	7.9	466	O
19	17	7.8	335	O
20	16	8.2	254	O
21	17	8.0	452	X
22	16	7.6	352	O
23	15	6.0	460	O
24	17	8.0	317	X
25	19	9.2	369	O
26	16	8.3	409	O
27	17	7.9	406	O
28	16	9.7	460	O
29	19	7.1	334	O
30	18	7.6	438	X
Detection Rate: 76.67 %				
Standard				
Pulse Width：6~10 μsec		PRI：200~500 μsec	Pulses per Burst：16~18	

Note: “○” means the equipment interrupted to transmit data immediately when detected radar signal.
“X” means the equipment continued to transmit data when detected radar signal.

Radar Type 4				
Trial #	Pulses per Bursts	Pulse Width (μ)	PRI (μ)	Detection
1	14	14.2	433	O
2	13	11.1	373	O
3	15	14.0	468	X
4	13	13.7	363	O
5	12	12.7	281	X
6	13	16.2	403	O
7	15	15.7	206	O
8	15	14.6	328	X
9	11	16.3	490	O
10	15	11.1	422	O
11	16	16.6	331	O
12	15	12.8	436	X
13	12	13.7	321	O
14	14	14.3	328	X
15	12	13.1	391	X
16	14	14.5	212	O
17	16	11.9	203	O
18	16	14.5	373	O
19	14	12.7	317	O
20	13	11.3	421	O
21	10	14.8	254	O
22	12	12.7	228	X
23	17	16.2	348	O
24	15	12.6	329	O
25	12	14.4	394	O
26	16	12.5	436	O
27	17	15.3	256	O
28	15	13.3	246	O
29	13	15.7	408	O
30	13	13.5	350	X
Detection Rate: 73.33 %				
Standard				
Pulse Width：11~20 μsec		PRI：200~500 μsec	Pulses per Burst：12~16	

Note: “○” means the equipment interrupted to transmit data immediately when detected radar signal.
“X” means the equipment continued to transmit data when detected radar signal.

Radar Type 5		
Trial #	Sequence Name	Detection
1	Seg_01	X
2	Seg_02	O
3	Seg_03	X
4	Seg_04	O
5	Seg_05	O
6	Seg_06	O
7	Seg_07	X
8	Seg_08	O
9	Seg_09	O
10	Seg_10	O
11	Seg_11	O
12	Seg_12	O
13	Seg_13	X
14	Seg_14	O
15	Seg_15	O
16	Seg_16	O
17	Seg_17	X
18	Seg_18	O
19	Seg_19	O
20	Seg_20	O
21	Seg_21	O
22	Seg_22	O
23	Seg_23	O
24	Seg_24	O
25	Seg_25	O
26	Seg_26	O
27	Seg_27	X
28	Seg_28	O
29	Seg_29	O
30	Seg_30	O
		Detection Rate：80.00 %

Note: “○” means the equipment interrupted to transmit data immediately when detected radar signal.
“X” means the equipment continued to transmit data when detected radar signal.

Seg_xx specification part

Seg_01					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	100	1485	---	20.0
2	1	94	1310	---	8.8
3	3	99	1875	1363	10.4
4	2	99	1021	---	18.0
5	2	55	1972	---	16.7
6	1	71	1304	---	19.6
7	3	100	1292	1684	15.4
8	1	82	1096	---	10.9

Seg_02					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	74	1202	1730	19.0
2	1	97	1674	---	14.8
3	2	52	1655	---	10.7
4	1	67	1183	---	20.0
5	2	96	1858	---	19.6
6	2	95	1306	---	19.4
7	2	70	1803	---	9.0
8	2	69	1103	---	9.7
9	1	53	1021	---	9.1
10	3	95	1241	1510	12.8
11	3	82	1026	1481	18.9

Note: “--” means that item doesn't require testing.

Seg_03					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	92	1854	1258	18.9
2	1	68	1889	---	19.0
3	2	72	1874	---	16.9
4	3	85	1476	1090	12.7
5	2	61	1816	---	17.8
6	3	101	1222	1672	18.6
7	1	64	1972	---	20.0
8	3	95	1629	1038	14.5
9	1	89	1920	---	15.9

Seg_04					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	66	1056	1710	12.5
2	2	91	1428	1588	7.9
3	3	57	1991	1396	8.9
4	1	57	1663	---	7.1
5	2	60	1992	---	10.5
6	1	55	1559	---	17.6
7	3	53	1252	1064	16.5
8	1	93	1675	---	16.4
9	3	80	1732	1377	14.8
10	2	78	1007	---	9.4

Note: “---” means that item doesn't require testing.

Seg_05					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	92	1300	1915	15.6
2	2	66	1009	---	11.0
3	3	78	1792	1603	14.5
4	1	97	1412	---	12.6
5	2	68	1874	---	15.0
6	1	81	1768	---	19.3
7	3	100	1975	1575	7.5
8	1	65	1594	---	14.6
9	3	80	1599	1500	15.4
10	2	100	1929	---	18.9

Seg_06					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	96	1391	---	9.3
2	2	98	1967	---	16.3
3	3	61	1784	1798	15.6
4	1	52	1165	---	17.0
5	2	67	1398	---	15.9
6	1	89	1848	---	12.9
7	3	87	1699	1569	11.1
8	1	71	1343	---	15.5
9	3	88	1943	1342	11.2
10	2	71	1421	---	19.5
11	2	56	1743	---	16.4

Note: “---” means that item doesn't require testing.

Seg_07					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	72	1253	1066	12.5
2	1	60	1743	---	10.2
3	2	91	1816	---	16.7
4	1	96	1919	---	11.8
5	2	70	1181	---	12.7
6	2	67	1916	---	8.1
7	1	99	1617	---	18.9
8	3	85	1247	1594	14.4

Seg_08					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	91	1228	---	19.2
2	1	64	1373	---	15.9
3	3	57	1726	1442	19.2
4	1	59	1534	---	11.5
5	1	85	1227	---	10.0
6	3	59	1211	1083	19.8
7	2	89	1309	---	14.4
8	3	63	1220	---	9.9
9	2	89	1943	---	11.3
10	3	68	1361	1139	11.1
11	1	100	1933	---	17.0
12	2	64	1725	---	12.9
13	3	64	1015	1932	10.2
14	2	72	1646	---	10.1
15	1	74	1906	---	8.4
16	1	86	1771	---	16.4
17	2	64	1146	---	12.9
18	3	82	1359	1944	13.1
19	2	58	1517	---	10.5
20	3	60	1610	1549	19.5

Note: “---” means that item doesn't require testing.

Seg_09					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	54	1988	---	15.5
2	2	93	1371	---	22.2
3	3	85	1330	1822	18.8
4	1	87	1832	---	19.7
5	2	85	1245	---	20.6
6	1	97	1141	---	17.4
7	3	89	1915	1230	18.8
8	1	89	1144	---	14.0
9	3	54	1946	1793	19.7
10	2	86	1465	---	9.3
11	2	95	1549	---	15.7

Seg_10					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	88	1052	---	13.6
2	1	57	1258	---	14.0
3	3	66	1151	1808	14.8
4	2	89	1551	---	12.7
5	2	93	1468	---	9.3
6	1	92	1243	---	21.9
7	3	80	1802	1421	9.3
8	1	57	1961	---	17.1
9	2	80	1493	---	10.7
10	3	60	1384	1407	11.7
11	2	68	1146	---	13.2
12	1	92	1472	---	13.5

Note: “---” means that item doesn't require testing.

Seg_11					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	100	1485	---	20.1
2	1	94	1312	---	9.4
3	3	99	1876	1364	10.2
4	2	100	1023	---	18.2
5	2	56	1973	---	17.1
6	1	71	1304	---	20.2
7	3	92	1292	1684	21.9
8	1	83	1096	---	11.3
9	2	82	1287	---	10.8
10	3	81	1759	1947	14.8
11	2	85	1631	---	15.0
12	1	82	1057	---	7.2

Seg_12					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	66	1777	---	12.0
2	1	67	1635	---	11.5
3	3	60	1875	1870	10.4
4	2	66	1668	---	18.2
5	2	69	1567	---	16.7
6	1	62	1750	---	15.7
7	3	63	1940	---	17.5
8	1	88	1982	---	19.4
9	2	69	1634	---	8.4
10	3	71	1984	1467	8.7
11	2	76	1095	---	11.5
12	1	100	1820	---	14.6
13	3	70	1282	1172	13.2

Note: “---” means that item doesn't require testing.

Seg_13					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	87	1164	---	11.7
2	1	98	1363	---	18.1
3	2	92	1458	---	10.4
4	2	91	1258	---	8.9
5	2	100	1875	---	10.8
6	1	100	1973	---	18.9
7	3	95	1230	1865	9.5
8	3	81	1440	1856	18.2
9	2	92	1459	---	9.4
10	3	64	1662	1851	19.2
11	2	87	1221	---	18.5
12	1	54	1552	---	8.5
13	3	100	1642	1194	13.0

Seg_14					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	88	1723	---	13.4
2	3	86	1349	1813	14.8
3	1	69	1293	---	18.5
4	2	76	1852	---	15.3
5	1	56	1441	---	18.3
6	3	69	1420	1249	17.7
7	1	87	1713	---	13.4
8	2	60	1884	---	17.3
9	2	68	1071	---	16.1
10	3	86	1119	1735	13.6
11	1	100	1207	---	13.7
12	1	58	1030	---	19.8
13	3	66	1236	1138	18.2
14	2	100	1325	---	10.7

Note: “---” means that item doesn't require testing.

Seg_15					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	63	1887	---	13.9
2	3	82	1073	1271	16.1
3	1	82	1395	---	16.0
4	2	77	1933	---	13.8
5	1	62	1575	---	11.2
6	3	66	1766	1534	12.4
7	1	63	1160	---	10.2
8	2	61	1244	---	8.4
9	2	71	1468	---	10.3
10	3	69	1646	1191	13.5
11	1	53	1886	---	8.3
12	1	80	1628	---	11.8
13	3	95	1357	1426	15.1
14	2	74	1490	---	14.8

Seg_16					
Burst	Pulses per Burst	Pulse Width	Pulse Spacing (μs)	Pulse Spacing (μs)	Chirp (MHz)
1	1	77	1761	---	17.6
2	3	70	1044	1150	8.2
3	2	60	1385	---	12.4
4	1	94	1056	---	11.6
5	2	99	1611	---	12.2
6	1	75	1484	---	15.8
7	3	74	1512	1788	9.3
8	3	62	1806	1231	19.9
9	1	62	1980	---	17.9
10	3	93	1940	1538	12.9
11	1	72	1326	---	8.4
12	1	57	1135	---	8.7
13	1	77	1481	---	18.1
14	2	59	1271	---	20.7

Note: “---” means that item doesn't require testing.

Seg_17					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	76	1428	---	15.7
2	3	87	1199	1288	13.5
3	1	79	1609	---	12.0
4	2	82	1773	---	16.9
5	1	100	1783	---	17.2
6	3	58	1338	1799	18.5
7	1	70	1015	---	19.3
8	2	88	1695	---	15.8
9	2	78	1196	---	17.4
10	3	73	1184	1974	15.3
11	1	69	1222	---	17.3
12	1	72	1299	---	19.2
13	3	98	1777	1309	14.2
14	2	79	1551	---	18.5
15	1	80	1427	---	13.9

Seg_18					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	100	1089	---	19.0
2	3	95	1384	1698	16.4
3	2	86	1206	---	11.1
4	2	91	1029	---	13.6
5	3	55	1367	1092	19.4
6	1	61	1118	---	10.5
7	2	95	1043	---	13.9
8	1	100	1955	---	19.7
9	3	55	1812	1139	17.9
10	1	81	1134	---	14.1
11	2	100	1993	---	12.7
12	2	69	1598	---	11.9
13	1	56	1345	---	9.4
14	3	82	1165	1321	14.6

Note: “---” means that item doesn't require testing.

Seg_19					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	93	1115	---	17.0
2	3	92	1356	1265	8.8
3	1	74	1088	---	9.6
4	2	86	1807	---	8.1
5	1	74	1320	---	17.9
6	3	83	1083	1818	15.3
7	1	54	1185	---	19.8
8	2	89	1978	---	9.7
9	2	86	1020	---	10.9
10	3	88	1548	1109	16.1
11	1	63	1824	---	14.5
12	1	92	1323	---	9.3
13	3	82	1133	1265	13.9
14	2	89	1757	---	18.1
15	3	87	1968	1819	16.4
16	2	58	1309	---	17.5

Seg_20					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	94	1963	---	18.6
2	3	81	1948	1056	12.9
3	2	56	1733	---	20.0
4	2	61	1958	---	19.9
5	3	70	1394	1437	9.3
6	1	99	1468	---	11.5
7	2	83	1641	---	14.9
8	1	70	1981	---	20.0
9	3	72	1803	1093	9.1
10	1	57	1523	---	15.0
11	2	78	1634	---	17.8
12	2	97	1150	---	19.3
13	1	77	1685	---	13.5
14	3	87	1145	1354	9.8
15	3	75	1515	142	8.4
16	2	77	1113	---	18.6

Note: “---” means that item doesn't require testing.

Seg_21					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	82	1563	---	13.1
2	3	69	1395	1315	15.3
3	2	66	1607	---	14.1
4	2	91	1092	---	20.0
5	3	61	1031	---	17.1
6	1	59	1984	---	14.5
7	2	100	1084	---	20.0
8	1	100	1633	---	14.3
9	3	94	1483	1064	20.0
10	1	78	1410	---	18.1
11	2	79	1829	---	14.5
12	2	69	1411	---	15.8
13	1	68	1111	---	13.7
14	3	100	1226	1797	14.5
15	3	59	1302	1583	16.3
16	2	85	1863	---	16.8

Seg_22					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	83	1062	---	15.1
2	3	63	1381	1712	14.5
3	2	90	1209	---	13.7
4	2	77	1673	---	9.1
5	3	100	1411	1115	9.2
6	1	97	1716	---	19.9
7	2	97	1215	---	15.6
8	2	55	1438	---	11.0
9	3	81	1904	1220	18.9
10	1	69	1168	---	9.5
11	2	70	1183	---	16.5
12	2	87	1621	---	9.2
13	1	75	1971	---	18.7
14	1	89	1723	---	19.2
15	1	66	1168	---	8.7
16	2	64	1402	---	13.5
17	2	100	1133	---	15.0

Note: “---” means that item doesn't require testing.

Seg_23					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	1	54	1188	---	15.0
2	3	54	1196	1979	18.0
3	2	84	1467	---	16.5
4	2	69	1384	---	15.2
5	3	67	1336	1997	19.5
6	1	94	1194	---	17.3
7	2	81	1317	---	16.3
8	2	95	1990	---	9.7
9	3	74	1346	1702	10.0
10	1	70	1526	---	11.9
11	2	72	1542	---	10.5
12	2	81	1222	---	16.2
13	1	91	1247	---	14.5
14	1	85	1992	---	10.2
15	1	99	1740	---	13.2
16	2	95	1972	---	10.3
17	2	69	1388	---	14.8

Note: “---” means that item doesn't require testing.

Seg_24					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	9	1579	1363	9.1
2	2	87	1907	---	16.7
3	1	64	1309	---	15.8
4	3	10	1419	1836	13.1
5	2	97	1663	---	9.7
6	3	100	1719	1891	18.4
7	1	82	1972	---	16.7
8	2	60	1257	---	18.4
9	3	83	1224	1193	11.5
10	2	78	1705	---	17.9
11	1	64	1519	---	18.3
12	3	73	1455	1389	18.6
13	1	85	1813	---	16.3
14	3	64	1338	1600	19.4
15	1	67	1409	---	19.9
16	2	92	1424	---	14.3
17	2	9	1348	---	18.2
18	1	87	1759	---	18.6

Note: “---” means that item doesn't require testing.

Seg_25					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	79	1258	1408	16.6
2	2	83	1027	---	13.9
3	1	79	1088	---	16.2
4	3	69	1450	1210	16.5
5	2	82	1237	---	15.2
6	3	83	1078	1641	14.9
7	1	68	1995	---	17.4
8	2	55	1315	---	19.3
9	3	82	1523	1492	18.1
10	2	68	1996	---	11.9
11	1	98	1681	---	19.1
12	3	64	1738	1492	19.1
13	1	90	1840	---	17.6
14	3	100	1008	1550	8.5
15	1	61	1500	---	9.1
16	2	84	1946	---	15.4
17	2	79	1517	---	14.5
18	1	83	1777	---	15.2

Note: “---” means that item doesn't require testing.

Seg_26					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	77	1604	1093	11.1
2	2	63	1675	---	10.7
3	1	83	1727	---	17.5
4	3	89	1063	1252	16.4
5	2	86	1655	---	11.7
6	3	76	1508	1005	11.6
7	1	66	1586	---	17.2
8	2	95	1567	---	16.5
9	3	81	1992	1483	15.1
10	2	93	1475	---	17.1
11	1	73	1479	---	12.4
12	3	71	1577	1301	15.1
13	1	61	1857	---	11.0
14	3	90	1820	1351	12.2
15	1	58	1228	---	19.2
16	2	72	1308	---	13.4
17	2	77	1320	---	12.3
18	1	59	1985	---	12.4

Note: “---” means that item doesn't require testing.

Seg_27					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	84	1119	1459	18.1
2	2	91	1307	---	19.0
3	1	66	1300	---	13.7
4	3	76	1081	1927	12.2
5	1	100	1521	---	14.5
6	1	83	1324	---	15.5
7	2	61	1406	---	19.1
8	3	82	1377	1628	20.0
9	2	89	1271	---	12.1
10	2	77	1868	---	14.9
11	1	74	1686	---	17.7
12	3	62	1972	---	14.6
13	1	76	1784	---	16.6
14	3	61	1767	1749	14.9
15	1	84	1089	---	19.3
16	2	63	1603	---	16.8
17	2	96	1068	---	16.0
18	3	72	1552	1317	17.0
19	1	85	1337	---	12.1

Note: “---” means that item doesn't require testing.

Seg_28					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	3	57	1675	1268	17.8
2	2	88	1027	---	9.4
3	1	53	1876	---	12.4
4	3	100	1601	1936	12.0
5	1	68	1398	---	13.2
6	1	58	1078	---	9.9
7	2	67	1581	---	12.2
8	3	83	1419	1734	10.2
9	2	68	1414	---	10.9
10	2	78	1809	---	15.8
11	1	98	1957	---	15.0
12	3	60	1209	1709	10.3
13	1	68	1115	---	13.1
14	3	89	1884	1552	13.9
15	1	59	1818	---	12.7
16	2	77	1909	---	12.7
17	2	86	1727	---	12.9
18	3	72	1325	1428	11.2
19	1	66	1818	---	9.5

Note: “---” means that item doesn't require testing.

Seg_29					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	91	1421	---	17.0
2	1	70	1361	---	11.1
3	3	72	1258	1601	13.5
4	1	74	1370	---	10.8
5	1	73	1966	---	17.5
6	3	72	1494	1678	11.3
7	2	86	1293	---	15.6
8	3	58	1505	171	18.8
9	2	100	1024	---	14.6
10	3	87	1597	1032	12.4
11	1	82	1230	---	15.8
12	2	92	1526	---	19.1
13	3	80	1864	1932	16.5
14	2	56	1585	---	19.8
15	1	76	1902	---	19.1
16	1	85	1695	---	17.1
17	2	81	1867	---	13.2
18	3	100	1338	1310	12.7
19	2	87	1335	---	13.4
20	3	56	1284	1977	16.1

Note: “---” means that item doesn't require testing.

Seg_30					
Burst	Pulses per Burst	Pulse Width	1~2 Pulse Spacing (μs)	2~3 Pulse Spacing (μs)	Chirp (MHz)
1	2	80	1311	---	14.5
2	1	97	1745	---	19.0
3	3	61	1098	1235	18.7
4	1	83	1413	---	15.4
5	1	67	1666	---	8.7
6	3	78	1049	1235	13.5
7	2	53	1602	---	12.4
8	3	100	1702	1316	9.8
9	2	90	1961	---	16.0
10	3	74	1349	1178	8.0
11	1	63	1237	---	10.6
12	2	86	1239	---	13.3
13	3	53	1504	1919	19.5
14	2	82	1689	---	19.1
15	1	87	1318	---	18.3
16	1	79	1775	---	14.6
17	2	75	1870	---	16.0
18	3	95	1764	1638	20.0
19	2	63	1116	---	19.6
20	3	94	1716	1098	11.0

Note: “---” means that item doesn't require testing.

Radar Type 6					
Trial #	Pulses per Hop	Pulse Width (μsec)	PRI (μsec)	Hopping Rate (kHz)	Detection
1	9	1.0u	333.0u	0.333	O
2	9	1.0u	333.0u	0.333	O
3	9	1.0u	333.0u	0.333	X
4	9	1.0u	333.0u	0.333	O
5	9	1.0u	333.0u	0.333	X
6	9	1.0u	333.0u	0.333	O
7	9	1.0u	333.0u	0.333	O
8	9	1.0u	333.0u	0.333	O
9	9	1.0u	333.0u	0.333	O
10	9	1.0u	333.0u	0.333	O
11	9	1.0u	333.0u	0.333	O
12	9	1.0u	333.0u	0.333	O
13	9	1.0u	333.0u	0.333	O
14	9	1.0u	333.0u	0.333	X
15	9	1.0u	333.0u	0.333	O
16	9	1.0u	333.0u	0.333	O
17	9	1.0u	333.0u	0.333	O
18	9	1.0u	333.0u	0.333	O
19	9	1.0u	333.0u	0.333	O
20	9	1.0u	333.0u	0.333	O
21	9	1.0u	333.0u	0.333	O
22	9	1.0u	333.0u	0.333	X
23	9	1.0u	333.0u	0.333	O
24	9	1.0u	333.0u	0.333	O
25	9	1.0u	333.0u	0.333	O
26	9	1.0u	333.0u	0.333	O
27	9	1.0u	333.0u	0.333	O
28	9	1.0u	333.0u	0.333	O
29	9	1.0u	333.0u	0.333	X
30	9	1.0u	333.0u	0.333	O
Detection Rate: 83.33 %					
Standard					
Pulse Width: 1.0 μsec			PRI: 333.0μsec		
Pulses per Hop: 9			Hopping Rate: 0.333kHz		
Hopping Sequence Length: 300ms					

Note: "○" means the equipment interrupted to transmit data immediately when detected radar signal.
"X" means the equipment continued to transmit data when detected radar signal.

Hop_xx specification part

HOP_1								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.519	-8	35	5.711	-8	68	5.591	-8
2	5.227	-8	36	5.754	-8	69	5.646	-8
3	5.256	-8	37	5.789	-8	70	5.760	-8
4	5.159	-8	38	5.579	-8	71	5.717	-8
5	5.194	-8	39	5.578	-8	72	5.772	-8
6	5.160	-8	40	5.293	-8	73	5.758	-8
7	5.592	-8	41	5.597	-8	74	5.542	-8
8	5.271	-8	42	5.185	-8	75	5.198	-8
9	5.273	-8	43	5.681	-8	76	5.557	-8
10	5.205	-8	44	5.122	-8	77	5.725	-8
11	5.694	-8	45	5.720	-8	78	5.556	-8
12	5.445	-8	46	5.111	-8	79	5.701	-8
13	5.295	-8	47	5.678	-8	80	5.775	-8
14	5.254	-8	48	5.215	-8	81	5.159	-8
15	5.155	-8	49	5.704	-8	82	5.669	-8
16	5.422	-8	50	5.556	-8	83	5.714	-8
17	5.686	-8	51	5.292	-8	84	5.694	-8
18	5.784	-8	52	5.290	-8	85	5.240	-8
19	5.790	-8	53	5.285	-8	86	5.274	-8
20	5.596	-8	54	5.626	-8	87	5.685	-8
21	5.683	-8	55	5.768	-8	88	5.223	-8
22	5.241	-8	56	5.506	-8	89	5.171	-8
23	5.634	-8	57	5.115	-8	90	5.360	-8
24	5.729	-8	58	5.560	-8	91	5.191	-8
25	5.597	-8	59	5.288	-8	92	5.149	-8
26	5.709	-8	60	5.521	-8	93	5.463	-8
27	5.795	-8	61	5.221	-8	94	5.202	-8
28	5.248	-8	62	5.132	-8	95	5.116	-8
29	5.219	-8	63	5.130	-8	96	5.225	-8
30	5.196	-8	64	5.795	-8	97	5.125	-8
31	5.388	-8	65	5.281	-8	98	5.123	-8
32	5.269	-8	66	5.545	-8	99	5.127	-8
33	5.645	-8	67	5.660	-8	100	5.476	-8
34	5.565	-8						

HOP_2								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.694	-8	35	5.204	-8	68	5.670	-8
2	5.616	-8	36	5.176	-8	69	5.120	-8
3	5.190	-8	37	5.797	-8	70	5.627	-8
4	5.119	-8	38	5.439	-8	71	5.215	-8
5	5.120	-8	39	5.207	-8	72	5.691	-8
6	5.113	-8	40	5.164	-8	73	5.701	-8
7	5.123	-8	41	5.401	-8	74	5.255	-8
8	5.443	-8	42	5.114	-8	75	5.135	-8
9	5.140	-8	43	5.136	-8	76	5.635	-8
10	5.129	-8	44	5.620	-8	77	5.127	-8
11	5.646	-8	45	5.271	-8	78	5.248	-8
12	5.613	-8	46	5.159	-8	79	5.277	-8
13	5.299	-8	47	5.131	-8	80	5.159	-8
14	5.146	-8	48	5.130	-8	81	5.192	-8
15	5.609	-8	49	5.773	-8	82	5.137	-8
16	5.600	-8	50	5.594	-8	83	5.614	-8
17	5.751	-8	51	5.156	-8	84	5.757	-8
18	5.296	-8	52	5.265	-8	85	5.125	-8
19	5.168	-8	53	5.538	-8	86	5.241	-8
20	5.209	-8	54	5.488	-8	87	5.407	-8
21	5.153	-8	55	5.118	-8	88	5.120	-8
22	5.756	-8	56	5.782	-8	89	5.745	-8
23	5.279	-8	57	5.128	-8	90	5.217	-8
24	5.725	-8	58	5.776	-8	91	5.208	-8
25	5.206	-8	59	5.490	-8	92	5.258	-8
26	5.521	-8	60	5.283	-8	93	5.757	-8
27	5.548	-8	61	5.148	-8	94	5.588	-8
28	5.268	-8	62	5.138	-8	95	5.782	-8
29	5.795	-8	63	5.738	-8	96	5.289	-8
30	5.142	-8	64	5.685	-8	97	5.642	-8
31	5.524	-8	65	5.783	-8	98	5.157	-8
32	5.192	-8	66	5.623	-8	99	5.797	-8
33	5.577	-8	67	5.767	-8	100	5.469	-8
34	5.795	-8						

HOP_3								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.116	-8	35	5.252	-8	68	5.610	-8
2	5.514	-8	36	5.181	-8	69	5.110	-8
3	5.705	-8	37	5.608	-8	70	5.577	-8
4	5.681	-8	38	5.441	-8	71	5.119	-8
5	5.255	-8	39	5.383	-8	72	5.290	-8
6	5.177	-8	40	5.164	-8	73	5.666	-8
7	5.383	-8	41	5.250	-8	74	5.482	-8
8	5.708	-8	42	5.153	-8	75	5.285	-8
9	5.763	-8	43	5.634	-8	76	5.681	-8
10	5.740	-8	44	5.278	-8	77	5.189	-8
11	5.166	-8	45	5.789	-8	78	5.596	-8
12	5.307	-8	46	5.256	-8	79	5.235	-8
13	5.790	-8	47	5.120	-8	80	5.719	-8
14	5.126	-8	48	5.671	-8	81	5.144	-8
15	5.287	-8	49	5.127	-8	82	5.104	-8
16	5.368	-8	50	5.421	-8	83	5.144	-8
17	5.425	-8	51	5.128	-8	84	5.725	-8
18	5.252	-8	52	5.155	-8	85	5.212	-8
19	5.723	-8	53	5.475	-8	86	5.112	-8
20	5.500	-8	54	5.478	-8	87	5.744	-8
21	5.132	-8	55	5.775	-8	88	5.190	-8
22	5.628	-8	56	5.612	-8	89	5.193	-8
23	5.165	-8	57	5.736	-8	90	5.522	-8
24	5.282	-8	58	5.604	-8	91	5.142	-8
25	5.385	-8	59	5.155	-8	92	5.230	-8
26	5.703	-8	60	5.661	-8	93	5.458	-8
27	5.401	-8	61	5.168	-8	94	5.563	-8
28	5.268	-8	62	5.793	-8	95	5.162	-8
29	5.128	-8	63	5.223	-8	96	5.688	-8
30	5.197	-8	64	5.671	-8	97	5.278	-8
31	5.633	-8	65	5.143	-8	98	5.202	-8
32	5.192	-8	66	5.795	-8	99	5.649	-8
33	5.629	-8	67	5.175	-8	100	5.533	-8
34	5.774	-8						

HOP_4								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.737	-8	35	5.734	-8	68	5.292	-8
2	5.203	-8	36	5.125	-8	69	5.215	-8
3	5.143	-8	37	5.734	-8	70	5.248	-8
4	5.162	-8	38	5.530	-8	71	5.289	-8
5	5.772	-8	39	5.607	-8	72	5.699	-8
6	5.795	-8	40	5.121	-8	73	5.261	-8
7	5.642	-8	41	5.597	-8	74	5.654	-8
8	5.645	-8	42	5.121	-8	75	5.735	-8
9	5.264	-8	43	5.573	-8	76	5.656	-8
10	5.737	-8	44	5.150	-8	77	5.713	-8
11	5.168	-8	45	5.735	-8	78	5.248	-8
12	5.427	-8	46	5.791	-8	79	5.743	-8
13	5.195	-8	47	5.244	-8	80	5.672	-8
14	5.123	-8	48	5.728	-8	81	5.772	-8
15	5.238	-8	49	5.779	-8	82	5.178	-8
16	5.683	-8	50	5.603	-8	83	5.168	-8
17	5.345	-8	51	5.139	-8	84	5.574	-8
18	5.163	-8	52	5.774	-8	85	5.604	-8
19	5.234	-8	53	5.279	-8	86	5.669	-8
20	5.510	-8	54	5.785	-8	87	5.728	-8
21	5.156	-8	55	5.614	-8	88	5.779	-8
22	5.693	-8	56	5.595	-8	89	5.192	-8
23	5.252	-8	57	5.160	-8	90	5.762	-8
24	5.611	-8	58	5.428	-8	91	5.288	-8
25	5.553	-8	59	5.592	-8	92	5.121	-8
26	5.472	-8	60	5.593	-8	93	5.283	-8
27	5.792	-8	61	5.767	-8	94	5.787	-8
28	5.626	-8	62	5.171	-8	95	5.740	-8
29	5.768	-8	63	5.270	-8	96	5.713	-8
30	5.775	-8	64	5.427	-8	97	5.192	-8
31	5.596	-8	65	5.677	-8	98	5.138	-8
32	5.193	-8	66	5.785	-8	99	5.168	-8
33	5.414	-8	67	5.140	-8	100	5.466	-8
34	5.548	-8						

HOP_5								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.246	-8	35	5.170	-8	68	5.554	-8
2	5.230	-8	36	5.741	-8	69	5.489	-8
3	5.199	-8	37	5.185	-8	70	5.182	-8
4	5.261	-8	38	5.709	-8	71	5.243	-8
5	5.183	-8	39	5.280	-8	72	5.156	-8
6	5.754	-8	40	5.170	-8	73	5.154	-8
7	5.673	-8	41	5.671	-8	74	5.729	-8
8	5.530	-8	42	5.271	-8	75	5.130	-8
9	5.239	-8	43	5.352	-8	76	5.541	-8
10	5.793	-8	44	5.565	-8	77	5.734	-8
11	5.533	-8	45	5.132	-8	78	5.205	-8
12	5.622	-8	46	5.697	-8	79	5.169	-8
13	5.180	-8	47	5.566	-8	80	5.104	-8
14	5.575	-8	48	5.716	-8	81	5.142	-8
15	5.573	-8	49	5.786	-8	82	5.111	-8
16	5.777	-8	50	5.204	-8	83	5.697	-8
17	5.208	-8	51	5.455	-8	84	5.114	-8
18	5.546	-8	52	5.264	-8	85	5.505	-8
19	5.762	-8	53	5.263	-8	86	5.288	-8
20	5.599	-8	54	5.206	-8	87	5.557	-8
21	5.621	-8	55	5.255	-8	88	5.733	-8
22	5.255	-8	56	5.100	-8	89	5.127	-8
23	5.153	-8	57	5.794	-8	90	5.244	-8
24	5.256	-8	58	5.205	-8	91	5.119	-8
25	5.283	-8	59	5.729	-8	92	5.253	-8
26	5.536	-8	60	5.485	-8	93	5.100	-8
27	5.690	-8	61	5.621	-8	94	5.593	-8
28	5.735	-8	62	5.718	-8	95	5.722	-8
29	5.121	-8	63	5.618	-8	96	5.225	-8
30	5.290	-8	64	5.269	-8	97	5.729	-8
31	5.786	-8	65	5.666	-8	98	5.264	-8
32	5.432	-8	66	5.539	-8	99	5.190	-8
33	5.416	-8	67	5.557	-8	100	5.627	-8
34	5.281	-8						

HOP_6								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.375	-8	35	5.277	-8	68	5.137	-8
2	5.248	-8	36	5.206	-8	69	5.744	-8
3	5.127	-8	37	5.139	-8	70	5.280	-8
4	5.298	-8	38	5.207	-8	71	5.778	-8
5	5.560	-8	39	5.116	-8	72	5.190	-8
6	5.178	-8	40	5.228	-8	73	5.162	-8
7	5.202	-8	41	5.152	-8	74	5.175	-8
8	5.170	-8	42	5.264	-8	75	5.755	-8
9	5.537	-8	43	5.586	-8	76	5.635	-8
10	5.522	-8	44	5.766	-8	77	5.152	-8
11	5.649	-8	45	5.631	-8	78	5.278	-8
12	5.253	-8	46	5.108	-8	79	5.204	-8
13	5.179	-8	47	5.204	-8	80	5.645	-8
14	5.151	-8	48	5.672	-8	81	5.792	-8
15	5.105	-8	49	5.760	-8	82	5.214	-8
16	5.116	-8	50	5.190	-8	83	5.773	-8
17	5.113	-8	51	5.296	-8	84	5.769	-8
18	5.153	-8	52	5.799	-8	85	5.135	-8
19	5.211	-8	53	5.154	-8	86	5.755	-8
20	5.493	-8	54	5.225	-8	87	5.169	-8
21	5.133	-8	55	5.696	-8	88	5.262	-8
22	5.170	-8	56	5.167	-8	89	5.682	-8
23	5.193	-8	57	5.185	-8	90	5.288	-8
24	5.200	-8	58	5.188	-8	91	5.623	-8
25	5.293	-8	59	5.746	-8	92	5.147	-8
26	5.748	-8	60	5.754	-8	93	5.570	-8
27	5.165	-8	61	5.518	-8	94	5.593	-8
28	5.494	-8	62	5.736	-8	95	5.743	-8
29	5.791	-8	63	5.157	-8	96	5.745	-8
30	5.636	-8	64	5.728	-8	97	5.746	-8
31	5.237	-8	65	5.219	-8	98	5.591	-8
32	5.748	-8	66	5.621	-8	99	5.165	-8
33	5.168	-8	67	5.773	-8	100	5.657	-8
34	5.263	-8						

HOP_7								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.488	-8	35	5.159	-8	68	5.678	-8
2	5.641	-8	36	5.126	-8	69	5.726	-8
3	5.199	-8	37	5.161	-8	70	5.199	-8
4	5.796	-8	38	5.181	-8	71	5.195	-8
5	5.785	-8	39	5.165	-8	72	5.248	-8
6	5.114	-8	40	5.126	-8	73	5.144	-8
7	5.797	-8	41	5.715	-8	74	5.187	-8
8	5.754	-8	42	5.679	-8	75	5.730	-8
9	5.580	-8	43	5.280	-8	76	5.491	-8
10	5.599	-8	44	5.198	-8	77	5.754	-8
11	5.657	-8	45	5.573	-8	78	5.178	-8
12	5.652	-8	46	5.138	-8	79	5.198	-8
13	5.688	-8	47	5.128	-8	80	5.695	-8
14	5.131	-8	48	5.270	-8	81	5.290	-8
15	5.689	-8	49	5.790	-8	82	5.604	-8
16	5.193	-8	50	5.777	-8	83	5.166	-8
17	5.204	-8	51	5.741	-8	84	5.785	-8
18	5.625	-8	52	5.209	-8	85	5.691	-8
19	5.754	-8	53	5.648	-8	86	5.733	-8
20	5.611	-8	54	5.500	-8	87	5.190	-8
21	5.253	-8	55	5.255	-8	88	5.194	-8
22	5.539	-8	56	5.105	-8	89	5.139	-8
23	5.134	-8	57	5.271	-8	90	5.175	-8
24	5.465	-8	58	5.159	-8	91	5.690	-8
25	5.183	-8	59	5.713	-8	92	5.735	-8
26	5.175	-8	60	5.575	-8	93	5.543	-8
27	5.296	-8	61	5.702	-8	94	5.654	-8
28	5.676	-8	62	5.762	-8	95	5.688	-8
29	5.135	-8	63	5.135	-8	96	5.622	-8
30	5.287	-8	64	5.105	-8	97	5.161	-8
31	5.153	-8	65	5.138	-8	98	5.685	-8
32	5.774	-8	66	5.415	-8	99	5.622	-8
33	5.743	-8	67	5.612	-8	100	5.666	-8
34	5.110	-8						

HOP_8								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.295	-8	35	5.667	-8	68	5.133	-8
2	5.682	-8	36	5.391	-8	69	5.344	-8
3	5.112	-8	37	5.270	-8	70	5.729	-8
4	5.417	-8	38	5.616	-8	71	5.793	-8
5	5.650	-8	39	5.284	-8	72	5.195	-8
6	5.282	-8	40	5.135	-8	73	5.141	-8
7	5.124	-8	41	5.723	-8	74	5.185	-8
8	5.156	-8	42	5.247	-8	75	5.138	-8
9	5.710	-8	43	5.416	-8	76	5.654	-8
10	5.719	-8	44	5.504	-8	77	5.573	-8
11	5.754	-8	45	5.768	-8	78	5.186	-8
12	5.411	-8	46	5.724	-8	79	5.629	-8
13	5.189	-8	47	5.565	-8	80	5.729	-8
14	5.134	-8	48	5.691	-8	81	5.257	-8
15	5.142	-8	49	5.639	-8	82	5.555	-8
16	5.449	-8	50	5.726	-8	83	5.118	-8
17	5.508	-8	51	5.123	-8	84	5.420	-8
18	5.133	-8	52	5.760	-8	85	5.296	-8
19	5.605	-8	53	5.131	-8	86	5.361	-8
20	5.171	-8	54	5.410	-8	87	5.152	-8
21	5.176	-8	55	5.568	-8	88	5.116	-8
22	5.649	-8	56	5.690	-8	89	5.157	-8
23	5.124	-8	57	5.743	-8	90	5.249	-8
24	5.184	-8	58	5.645	-8	91	5.761	-8
25	5.213	-8	59	5.151	-8	92	5.521	-8
26	5.643	-8	60	5.575	-8	93	5.628	-8
27	5.648	-8	61	5.742	-8	94	5.600	-8
28	5.673	-8	62	5.526	-8	95	5.772	-8
29	5.768	-8	63	5.113	-8	96	5.772	-8
30	5.106	-8	64	5.634	-8	97	5.138	-8
31	5.246	-8	65	5.261	-8	98	5.411	-8
32	5.272	-8	66	5.699	-8	99	5.672	-8
33	5.233	-8	67	5.103	-8	100	5.528	-8
34	5.137	-8						

HOP_9								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.225	-8	35	5.338	-8	68	5.782	-8
2	5.788	-8	36	5.422	-8	69	5.459	-8
3	5.231	-8	37	5.102	-8	70	5.188	-8
4	5.401	-8	38	5.143	-8	71	5.197	-8
5	5.236	-8	39	5.162	-8	72	5.113	-8
6	5.147	-8	40	5.153	-8	73	5.607	-8
7	5.141	-8	41	5.104	-8	74	5.139	-8
8	5.152	-8	42	5.234	-8	75	5.491	-8
9	5.106	-8	43	5.796	-8	76	5.283	-8
10	5.426	-8	44	5.260	-8	77	5.596	-8
11	5.617	-8	45	5.563	-8	78	5.738	-8
12	5.607	-8	46	5.765	-8	79	5.139	-8
13	5.189	-8	47	5.218	-8	80	5.756	-8
14	5.755	-8	48	5.763	-8	81	5.579	-8
15	5.176	-8	49	5.119	-8	82	5.113	-8
16	5.410	-8	50	5.150	-8	83	5.170	-8
17	5.596	-8	51	5.104	-8	84	5.623	-8
18	5.290	-8	52	5.511	-8	85	5.531	-8
19	5.620	-8	53	5.762	-8	86	5.485	-8
20	5.563	-8	54	5.691	-8	87	5.101	-8
21	5.764	-8	55	5.282	-8	88	5.133	-8
22	5.194	-8	56	5.287	-8	89	5.173	-8
23	5.131	-8	57	5.768	-8	90	5.234	-8
24	5.129	-8	58	5.680	-8	91	5.763	-8
25	5.503	-8	59	5.745	-8	92	5.524	-8
26	5.671	-8	60	5.688	-8	93	5.795	-8
27	5.400	-8	61	5.759	-8	94	5.713	-8
28	5.633	-8	62	5.121	-8	95	5.101	-8
29	5.757	-8	63	5.108	-8	96	5.417	-8
30	5.197	-8	64	5.637	-8	97	5.182	-8
31	5.706	-8	65	5.729	-8	98	5.376	-8
32	5.579	-8	66	5.701	-8	99	5.635	-8
33	5.660	-8	67	5.749	-8	100	5.511	-8
34	5.167	-8						

HOP_10								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.234	-8	35	5.330	-8	68	5.780	-8
2	5.606	-8	36	5.491	-8	69	5.437	-8
3	5.771	-8	37	5.106	-8	70	5.683	-8
4	5.683	-8	38	5.708	-8	71	5.784	-8
5	5.104	-8	39	5.135	-8	72	5.189	-8
6	5.201	-8	40	5.135	-8	73	5.157	-8
7	5.233	-8	41	5.133	-8	74	5.236	-8
8	5.621	-8	42	5.777	-8	75	5.707	-8
9	5.602	-8	43	5.580	-8	76	5.677	-8
10	5.226	-8	44	5.412	-8	77	5.638	-8
11	5.534	-8	45	5.198	-8	78	5.155	-8
12	5.717	-8	46	5.172	-8	79	5.107	-8
13	5.157	-8	47	5.183	-8	80	5.286	-8
14	5.226	-8	48	5.100	-8	81	5.145	-8
15	5.148	-8	49	5.110	-8	82	5.216	-8
16	5.179	-8	50	5.122	-8	83	5.625	-8
17	5.738	-8	51	5.650	-8	84	5.595	-8
18	5.642	-8	52	5.257	-8	85	5.526	-8
19	5.243	-8	53	5.116	-8	86	5.263	-8
20	5.763	-8	54	5.581	-8	87	5.606	-8
21	5.274	-8	55	5.584	-8	88	5.757	-8
22	5.689	-8	56	5.613	-8	89	5.475	-8
23	5.128	-8	57	5.230	-8	90	5.235	-8
24	5.554	-8	58	5.637	-8	91	5.762	-8
25	5.778	-8	59	5.151	-8	92	5.247	-8
26	5.500	-8	60	5.628	-8	93	5.283	-8
27	5.212	-8	61	5.628	-8	94	5.268	-8
28	5.704	-8	62	5.187	-8	95	5.696	-8
29	5.707	-8	63	5.126	-8	96	5.268	-8
30	5.132	-8	64	5.773	-8	97	5.478	-8
31	5.767	-8	65	5.607	-8	98	5.524	-8
32	5.627	-8	66	5.204	-8	99	5.141	-8
33	5.772	-8	67	5.610	-8	100	5.230	-8
34	5.176	-8						

HOP_11								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.677	-8	35	5.559	-8	68	5.265	-8
2	5.189	-8	36	5.532	-8	69	5.608	-8
3	5.217	-8	37	5.105	-8	70	5.298	-8
4	5.732	-8	38	5.120	-8	71	5.696	-8
5	5.471	-8	39	5.263	-8	72	5.224	-8
6	5.270	-8	40	5.114	-8	73	5.111	-8
7	5.178	-8	41	5.616	-8	74	5.152	-8
8	5.480	-8	42	5.216	-8	75	5.238	-8
9	5.250	-8	43	5.546	-8	76	5.587	-8
10	5.284	-8	44	5.209	-8	77	5.749	-8
11	5.734	-8	45	5.229	-8	78	5.203	-8
12	5.795	-8	46	5.187	-8	79	5.776	-8
13	5.104	-8	47	5.146	-8	80	5.485	-8
14	5.479	-8	48	5.158	-8	81	5.100	-8
15	5.157	-8	49	5.185	-8	82	5.225	-8
16	5.706	-8	50	5.738	-8	83	5.435	-8
17	5.587	-8	51	5.794	-8	84	5.591	-8
18	5.798	-8	52	5.733	-8	85	5.101	-8
19	5.780	-8	53	5.238	-8	86	5.106	-8
20	5.585	-8	54	5.734	-8	87	5.747	-8
21	5.233	-8	55	5.110	-8	88	5.762	-8
22	5.625	-8	56	5.770	-8	89	5.630	-8
23	5.233	-8	57	5.578	-8	90	5.169	-8
24	5.274	-8	58	5.638	-8	91	5.169	-8
25	5.594	-8	59	5.202	-8	92	5.115	-8
26	5.547	-8	60	5.220	-8	93	5.263	-8
27	5.769	-8	61	5.215	-8	94	5.139	-8
28	5.617	-8	62	5.740	-8	95	5.631	-8
29	5.180	-8	63	5.218	-8	96	5.220	-8
30	5.674	-8	64	5.605	-8	97	5.658	-8
31	5.119	-8	65	5.767	-8	98	5.458	-8
32	5.673	-8	66	5.191	-8	99	5.739	-8
33	5.710	-8	67	5.175	-8	100	5.147	-8
34	5.262	-8						

HOP_12								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.144	-8	35	5.289	-8	68	5.288	-8
2	5.487	-8	36	5.179	-8	69	5.775	-8
3	5.546	-8	37	5.673	-8	70	5.768	-8
4	5.624	-8	38	5.461	-8	71	5.704	-8
5	5.255	-8	39	5.575	-8	72	5.256	-8
6	5.705	-8	40	5.138	-8	73	5.151	-8
7	5.137	-8	41	5.726	-8	74	5.574	-8
8	5.565	-8	42	5.722	-8	75	5.798	-8
9	5.732	-8	43	5.283	-8	76	5.693	-8
10	5.110	-8	44	5.539	-8	77	5.247	-8
11	5.289	-8	45	5.228	-8	78	5.773	-8
12	5.245	-8	46	5.276	-8	79	5.600	-8
13	5.297	-8	47	5.240	-8	80	5.634	-8
14	5.464	-8	48	5.723	-8	81	5.566	-8
15	5.738	-8	49	5.247	-8	82	5.630	-8
16	5.106	-8	50	5.490	-8	83	5.795	-8
17	5.506	-8	51	5.561	-8	84	5.744	-8
18	5.163	-8	52	5.236	-8	85	5.755	-8
19	5.159	-8	53	5.110	-8	86	5.144	-8
20	5.606	-8	54	5.473	-8	87	5.258	-8
21	5.738	-8	55	5.164	-8	88	5.798	-8
22	5.693	-8	56	5.669	-8	89	5.789	-8
23	5.268	-8	57	5.111	-8	90	5.678	-8
24	5.623	-8	58	5.609	-8	91	5.280	-8
25	5.686	-8	59	5.151	-8	92	5.239	-8
26	5.741	-8	60	5.590	-8	93	5.116	-8
27	5.493	-8	61	5.129	-8	94	5.181	-8
28	5.619	-8	62	5.724	-8	95	5.588	-8
29	5.774	-8	63	5.125	-8	96	5.745	-8
30	5.701	-8	64	5.730	-8	97	5.475	-8
31	5.193	-8	65	5.641	-8	98	5.120	-8
32	5.517	-8	66	5.152	-8	99	5.168	-8
33	5.462	-8	67	5.574	-8	100	5.775	-8
34	5.115	-8						

HOP_13								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.472	-8	35	5.153	-8	68	5.687	-8
2	5.644	-8	36	5.486	-8	69	5.269	-8
3	5.739	-8	37	5.519	-8	70	5.260	-8
4	5.729	-8	38	5.500	-8	71	5.267	-8
5	5.106	-8	39	5.639	-8	72	5.738	-8
6	5.170	-8	40	5.269	-8	73	5.496	-8
7	5.262	-8	41	5.133	-8	74	5.610	-8
8	5.216	-8	42	5.687	-8	75	5.755	-8
9	5.439	-8	43	5.186	-8	76	5.105	-8
10	5.729	-8	44	5.130	-8	77	5.229	-8
11	5.222	-8	45	5.115	-8	78	5.695	-8
12	5.196	-8	46	5.485	-8	79	5.734	-8
13	5.113	-8	47	5.779	-8	80	5.632	-8
14	5.695	-8	48	5.178	-8	81	5.475	-8
15	5.248	-8	49	5.209	-8	82	5.150	-8
16	5.170	-8	50	5.155	-8	83	5.561	-8
17	5.635	-8	51	5.708	-8	84	5.723	-8
18	5.492	-8	52	5.179	-8	85	5.707	-8
19	5.249	-8	53	5.618	-8	86	5.567	-8
20	5.735	-8	54	5.734	-8	87	5.652	-8
21	5.186	-8	55	5.752	-8	88	5.590	-8
22	5.100	-8	56	5.602	-8	89	5.225	-8
23	5.236	-8	57	5.358	-8	90	5.122	-8
24	5.764	-8	58	5.565	-8	91	5.439	-8
25	5.168	-8	59	5.181	-8	92	5.106	-8
26	5.589	-8	60	5.603	-8	93	5.321	-8
27	5.740	-8	61	5.725	-8	94	5.542	-8
28	5.115	-8	62	5.751	-8	95	5.464	-8
29	5.753	-8	63	5.478	-8	96	5.234	-8
30	5.494	-8	64	5.199	-8	97	5.272	-8
31	5.658	-8	65	5.398	-8	98	5.266	-8
32	5.138	-8	66	5.175	-8	99	5.771	-8
33	5.440	-8	67	5.792	-8	100	5.778	-8
34	5.462	-8						

HOP_14								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.220	-8	35	5.286	-8	68	5.631	-8
2	5.760	-8	36	5.149	-8	69	5.708	-8
3	5.737	-8	37	5.117	-8	70	5.192	-8
4	5.375	-8	38	5.100	-8	71	5.542	-8
5	5.714	-8	39	5.709	-8	72	5.572	-8
6	5.205	-8	40	5.725	-8	73	5.118	-8
7	5.128	-8	41	5.763	-8	74	5.683	-8
8	5.148	-8	42	5.766	-8	75	5.139	-8
9	5.716	-8	43	5.594	-8	76	5.163	-8
10	5.176	-8	44	5.640	-8	77	5.660	-8
11	5.235	-8	45	5.709	-8	78	5.233	-8
12	5.771	-8	46	5.231	-8	79	5.679	-8
13	5.642	-8	47	5.103	-8	80	5.789	-8
14	5.229	-8	48	5.222	-8	81	5.698	-8
15	5.161	-8	49	5.211	-8	82	5.109	-8
16	5.775	-8	50	5.579	-8	83	5.524	-8
17	5.518	-8	51	5.419	-8	84	5.614	-8
18	5.686	-8	52	5.574	-8	85	5.447	-8
19	5.270	-8	53	5.752	-8	86	5.722	-8
20	5.706	-8	54	5.480	-8	87	5.474	-8
21	5.251	-8	55	5.761	-8	88	5.256	-8
22	5.171	-8	56	5.242	-8	89	5.257	-8
23	5.296	-8	57	5.131	-8	90	5.663	-8
24	5.186	-8	58	5.546	-8	91	5.226	-8
25	5.108	-8	59	5.111	-8	92	5.120	-8
26	5.544	-8	60	5.559	-8	93	5.222	-8
27	5.700	-8	61	5.721	-8	94	5.647	-8
28	5.737	-8	62	5.486	-8	95	5.632	-8
29	5.111	-8	63	5.756	-8	96	5.198	-8
30	5.617	-8	64	5.430	-8	97	5.700	-8
31	5.745	-8	65	5.580	-8	98	5.224	-8
32	5.448	-8	66	5.124	-8	99	5.788	-8
33	5.625	-8	67	5.708	-8	100	5.123	-8
34	5.173	-8						

HOP_15								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.798	-8	35	5.664	-8	68	5.141	-8
2	5.536	-8	36	5.133	-8	69	5.197	-8
3	5.219	-8	37	5.117	-8	70	5.145	-8
4	5.554	-8	38	5.690	-8	71	5.380	-8
5	5.130	-8	39	5.111	-8	72	5.643	-8
6	5.740	-8	40	5.600	-8	73	5.137	-8
7	5.118	-8	41	5.129	-8	74	5.129	-8
8	5.292	-8	42	5.220	-8	75	5.656	-8
9	5.647	-8	43	5.159	-8	76	5.787	-8
10	5.268	-8	44	5.573	-8	77	5.369	-8
11	5.123	-8	45	5.286	-8	78	5.545	-8
12	5.163	-8	46	5.151	-8	79	5.130	-8
13	5.476	-8	47	5.161	-8	80	5.743	-8
14	5.693	-8	48	5.198	-8	81	5.745	-8
15	5.122	-8	49	5.591	-8	82	5.540	-8
16	5.764	-8	50	5.786	-8	83	5.222	-8
17	5.227	-8	51	5.446	-8	84	5.271	-8
18	5.657	-8	52	5.296	-8	85	5.791	-8
19	5.682	-8	53	5.167	-8	86	5.227	-8
20	5.135	-8	54	5.573	-8	87	5.762	-8
21	5.773	-8	55	5.565	-8	88	5.204	-8
22	5.654	-8	56	5.289	-8	89	5.564	-8
23	5.221	-8	57	5.122	-8	90	5.635	-8
24	5.191	-8	58	5.529	-8	91	5.645	-8
25	5.128	-8	59	5.108	-8	92	5.108	-8
26	5.457	-8	60	5.713	-8	93	5.583	-8
27	5.660	-8	61	5.186	-8	94	5.207	-8
28	5.674	-8	62	5.740	-8	95	5.640	-8
29	5.105	-8	63	5.140	-8	96	5.139	-8
30	5.120	-8	64	5.745	-8	97	5.667	-8
31	5.253	-8	65	5.494	-8	98	5.713	-8
32	5.554	-8	66	5.169	-8	99	5.105	-8
33	5.425	-8	67	5.687	-8	100	5.166	-8
34	5.112	-8						

HOP_16								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.359	-8	35	5.179	-8	68	5.783	-8
2	5.749	-8	36	5.209	-8	69	5.150	-8
3	5.672	-8	37	5.170	-8	70	5.450	-8
4	5.497	-8	38	5.234	-8	71	5.254	-8
5	5.741	-8	39	5.112	-8	72	5.628	-8
6	5.727	-8	40	5.773	-8	73	5.219	-8
7	5.227	-8	41	5.650	-8	74	5.257	-8
8	5.241	-8	42	5.596	-8	75	5.101	-8
9	5.149	-8	43	5.734	-8	76	5.698	-8
10	5.714	-8	44	5.136	-8	77	5.294	-8
11	5.136	-8	45	5.190	-8	78	5.181	-8
12	5.547	-8	46	5.754	-8	79	5.230	-8
13	5.758	-8	47	5.783	-8	80	5.148	-8
14	5.653	-8	48	5.632	-8	81	5.588	-8
15	5.688	-8	49	5.122	-8	82	5.251	-8
16	5.674	-8	50	5.281	-8	83	5.519	-8
17	5.780	-8	51	5.774	-8	84	5.609	-8
18	5.216	-8	52	5.213	-8	85	5.781	-8
19	5.747	-8	53	5.190	-8	86	5.240	-8
20	5.116	-8	54	5.673	-8	87	5.439	-8
21	5.566	-8	55	5.753	-8	88	5.534	-8
22	5.121	-8	56	5.636	-8	89	5.444	-8
23	5.204	-8	57	5.188	-8	90	5.100	-8
24	5.183	-8	58	5.276	-8	91	5.798	-8
25	5.221	-8	59	5.289	-8	92	5.160	-8
26	5.696	-8	60	5.116	-8	93	5.568	-8
27	5.391	-8	61	5.157	-8	94	5.255	-8
28	5.715	-8	62	5.613	-8	95	5.526	-8
29	5.102	-8	63	5.131	-8	96	5.733	-8
30	5.791	-8	64	5.120	-8	97	5.482	-8
31	5.605	-8	65	5.212	-8	98	5.797	-8
32	5.616	-8	66	5.163	-8	99	5.214	-8
33	5.345	-8	67	5.781	-8	100	5.131	-8
34	5.653	-8						

HOP_17								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.702	-8	35	5.145	-8	68	5.133	-8
2	5.484	-8	36	5.412	-8	69	5.630	-8
3	5.770	-8	37	5.110	-8	70	5.574	-8
4	5.491	-8	38	5.686	-8	71	5.287	-8
5	5.546	-8	39	5.266	-8	72	5.137	-8
6	5.223	-8	40	5.799	-8	73	5.728	-8
7	5.460	-8	41	5.258	-8	74	5.175	-8
8	5.734	-8	42	5.535	-8	75	5.788	-8
9	5.223	-8	43	5.683	-8	76	5.611	-8
10	5.172	-8	44	5.735	-8	77	5.289	-8
11	5.193	-8	45	5.156	-8	78	5.597	-8
12	5.599	-8	46	5.392	-8	79	5.695	-8
13	5.581	-8	47	5.130	-8	80	5.135	-8
14	5.709	-8	48	5.664	-8	81	5.698	-8
15	5.756	-8	49	5.207	-8	82	5.263	-8
16	5.172	-8	50	5.490	-8	83	5.431	-8
17	5.102	-8	51	5.476	-8	84	5.224	-8
18	5.744	-8	52	5.241	-8	85	5.247	-8
19	5.143	-8	53	5.728	-8	86	5.754	-8
20	5.571	-8	54	5.528	-8	87	5.706	-8
21	5.665	-8	55	5.565	-8	88	5.579	-8
22	5.700	-8	56	5.405	-8	89	5.686	-8
23	5.638	-8	57	5.205	-8	90	5.575	-8
24	5.172	-8	58	5.478	-8	91	5.782	-8
25	5.750	-8	59	5.132	-8	92	5.788	-8
26	5.645	-8	60	5.631	-8	93	5.107	-8
27	5.263	-8	61	5.125	-8	94	5.729	-8
28	5.661	-8	62	5.233	-8	95	5.542	-8
29	5.110	-8	63	5.295	-8	96	5.188	-8
30	5.211	-8	64	5.683	-8	97	5.588	-8
31	5.208	-8	65	5.281	-8	98	5.270	-8
32	5.566	-8	66	5.135	-8	99	5.135	-8
33	5.649	-8	67	5.676	-8	100	5.761	-8
34	5.145	-8						

HOP_18								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.624	-8	35	5.777	-8	68	5.575	-8
2	5.114	-8	36	5.114	-8	69	5.104	-8
3	5.227	-8	37	5.242	-8	70	5.299	-8
4	5.277	-8	38	5.105	-8	71	5.183	-8
5	5.756	-8	39	5.575	-8	72	5.690	-8
6	5.643	-8	40	5.707	-8	73	5.197	-8
7	5.743	-8	41	5.771	-8	74	5.255	-8
8	5.475	-8	42	5.787	-8	75	5.190	-8
9	5.665	-8	43	5.583	-8	76	5.216	-8
10	5.128	-8	44	5.698	-8	77	5.713	-8
11	5.116	-8	45	5.666	-8	78	5.114	-8
12	5.608	-8	46	5.267	-8	79	5.129	-8
13	5.508	-8	47	5.704	-8	80	5.214	-8
14	5.659	-8	48	5.779	-8	81	5.733	-8
15	5.560	-8	49	5.165	-8	82	5.213	-8
16	5.236	-8	50	5.628	-8	83	5.675	-8
17	5.135	-8	51	5.788	-8	84	5.181	-8
18	5.614	-8	52	5.786	-8	85	5.378	-8
19	5.139	-8	53	5.505	-8	86	5.285	-8
20	5.292	-8	54	5.774	-8	87	5.661	-8
21	5.465	-8	55	5.110	-8	88	5.732	-8
22	5.654	-8	56	5.241	-8	89	5.563	-8
23	5.250	-8	57	5.499	-8	90	5.639	-8
24	5.662	-8	58	5.133	-8	91	5.255	-8
25	5.221	-8	59	5.159	-8	92	5.202	-8
26	5.511	-8	60	5.147	-8	93	5.550	-8
27	5.724	-8	61	5.109	-8	94	5.637	-8
28	5.239	-8	62	5.117	-8	95	5.620	-8
29	5.150	-8	63	5.454	-8	96	5.204	-8
30	5.230	-8	64	5.221	-8	97	5.454	-8
31	5.122	-8	65	5.204	-8	98	5.226	-8
32	5.468	-8	66	5.141	-8	99	5.216	-8
33	5.639	-8	67	5.754	-8	100	5.211	-8
34	5.152	-8						

HOP_19								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.753	-8	35	5.134	-8	68	5.499	-8
2	5.573	-8	36	5.607	-8	69	5.500	-8
3	5.151	-8	37	5.491	-8	70	5.221	-8
4	5.679	-8	38	5.775	-8	71	5.216	-8
5	5.139	-8	39	5.598	-8	72	5.727	-8
6	5.525	-8	40	5.717	-8	73	5.776	-8
7	5.431	-8	41	5.193	-8	74	5.789	-8
8	5.659	-8	42	5.786	-8	75	5.726	-8
9	5.271	-8	43	5.101	-8	76	5.761	-8
10	5.223	-8	44	5.280	-8	77	5.437	-8
11	5.259	-8	45	5.653	-8	78	5.149	-8
12	5.205	-8	46	5.114	-8	79	5.680	-8
13	5.535	-8	47	5.104	-8	80	5.178	-8
14	5.121	-8	48	5.604	-8	81	5.399	-8
15	5.541	-8	49	5.688	-8	82	5.256	-8
16	5.271	-8	50	5.474	-8	83	5.405	-8
17	5.732	-8	51	5.718	-8	84	5.131	-8
18	5.133	-8	52	5.221	-8	85	5.705	-8
19	5.113	-8	53	5.638	-8	86	5.615	-8
20	5.107	-8	54	5.225	-8	87	5.760	-8
21	5.376	-8	55	5.737	-8	88	5.150	-8
22	5.194	-8	56	5.747	-8	89	5.786	-8
23	5.775	-8	57	5.658	-8	90	5.113	-8
24	5.140	-8	58	5.680	-8	91	5.523	-8
25	5.778	-8	59	5.583	-8	92	5.186	-8
26	5.508	-8	60	5.597	-8	93	5.640	-8
27	5.724	-8	61	5.464	-8	94	5.205	-8
28	5.246	-8	62	5.268	-8	95	5.212	-8
29	5.623	-8	63	5.450	-8	96	5.161	-8
30	5.117	-8	64	5.781	-8	97	5.470	-8
31	5.152	-8	65	5.182	-8	98	5.583	-8
32	5.422	-8	66	5.637	-8	99	5.213	-8
33	5.399	-8	67	5.112	-8	100	5.104	-8
34	5.119	-8						

HOP_20								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.443	-8	35	5.289	-8	68	5.483	-8
2	5.299	-8	36	5.490	-8	69	5.240	-8
3	5.729	-8	37	5.768	-8	70	5.160	-8
4	5.719	-8	38	5.502	-8	71	5.174	-8
5	5.738	-8	39	5.184	-8	72	5.686	-8
6	5.209	-8	40	5.504	-8	73	5.106	-8
7	5.267	-8	41	5.152	-8	74	5.490	-8
8	5.558	-8	42	5.716	-8	75	5.712	-8
9	5.193	-8	43	5.117	-8	76	5.560	-8
10	5.752	-8	44	5.199	-8	77	5.142	-8
11	5.105	-8	45	5.246	-8	78	5.248	-8
12	5.674	-8	46	5.712	-8	79	5.795	-8
13	5.104	-8	47	5.782	-8	80	5.642	-8
14	5.139	-8	48	5.797	-8	81	5.446	-8
15	5.189	-8	49	5.655	-8	82	5.750	-8
16	5.528	-8	50	5.624	-8	83	5.734	-8
17	5.118	-8	51	5.281	-8	84	5.682	-8
18	5.160	-8	52	5.100	-8	85	5.441	-8
19	5.397	-8	53	5.712	-8	86	5.165	-8
20	5.744	-8	54	5.595	-8	87	5.389	-8
21	5.106	-8	55	5.470	-8	88	5.236	-8
22	5.739	-8	56	5.156	-8	89	5.729	-8
23	5.139	-8	57	5.141	-8	90	5.171	-8
24	5.142	-8	58	5.132	-8	91	5.702	-8
25	5.551	-8	59	5.502	-8	92	5.133	-8
26	5.685	-8	60	5.666	-8	93	5.654	-8
27	5.629	-8	61	5.644	-8	94	5.217	-8
28	5.270	-8	62	5.113	-8	95	5.742	-8
29	5.159	-8	63	5.576	-8	96	5.123	-8
30	5.243	-8	64	5.680	-8	97	5.752	-8
31	5.753	-8	65	5.250	-8	98	5.490	-8
32	5.650	-8	66	5.680	-8	99	5.717	-8
33	5.685	-8	67	5.108	-8	100	5.581	-8
34	5.690	-8						

HOP_21								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.447	-8	35	5.703	-8	68	5.765	-8
2	5.670	-8	36	5.451	-8	69	5.289	-8
3	5.604	-8	37	5.211	-8	70	5.197	-8
4	5.713	-8	38	5.533	-8	71	5.134	-8
5	5.212	-8	39	5.719	-8	72	5.682	-8
6	5.188	-8	40	5.526	-8	73	5.109	-8
7	5.735	-8	41	5.617	-8	74	5.407	-8
8	5.616	-8	42	5.436	-8	75	5.526	-8
9	5.273	-8	43	5.153	-8	76	5.601	-8
10	5.771	-8	44	5.766	-8	77	5.175	-8
11	5.700	-8	45	5.293	-8	78	5.742	-8
12	5.297	-8	46	5.777	-8	79	5.114	-8
13	5.106	-8	47	5.687	-8	80	5.544	-8
14	5.772	-8	48	5.535	-8	81	5.679	-8
15	5.698	-8	49	5.590	-8	82	5.176	-8
16	5.699	-8	50	5.279	-8	83	5.453	-8
17	5.736	-8	51	5.277	-8	84	5.747	-8
18	5.131	-8	52	5.128	-8	85	5.272	-8
19	5.515	-8	53	5.200	-8	86	5.669	-8
20	5.267	-8	54	5.251	-8	87	5.704	-8
21	5.734	-8	55	5.580	-8	88	5.231	-8
22	5.785	-8	56	5.121	-8	89	5.235	-8
23	5.663	-8	57	5.276	-8	90	5.283	-8
24	5.701	-8	58	5.724	-8	91	5.647	-8
25	5.613	-8	59	5.257	-8	92	5.130	-8
26	5.749	-8	60	5.728	-8	93	5.105	-8
27	5.719	-8	61	5.674	-8	94	5.136	-8
28	5.254	-8	62	5.132	-8	95	5.565	-8
29	5.281	-8	63	5.733	-8	96	5.163	-8
30	5.797	-8	64	5.529	-8	97	5.433	-8
31	5.145	-8	65	5.145	-8	98	5.524	-8
32	5.399	-8	66	5.638	-8	99	5.166	-8
33	5.617	-8	67	5.644	-8	100	5.236	-8
34	5.102	-8						

HOP_22								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.403	-8	35	5.652	-8	68	5.419	-8
2	5.211	-8	36	5.233	-8	69	5.523	-8
3	5.712	-8	37	5.614	-8	70	5.783	-8
4	5.693	-8	38	5.534	-8	71	5.135	-8
5	5.213	-8	39	5.121	-8	72	5.545	-8
6	5.233	-8	40	5.503	-8	73	5.638	-8
7	5.122	-8	41	5.603	-8	74	5.640	-8
8	5.370	-8	42	5.755	-8	75	5.370	-8
9	5.700	-8	43	5.140	-8	76	5.695	-8
10	5.535	-8	44	5.179	-8	77	5.138	-8
11	5.760	-8	45	5.651	-8	78	5.117	-8
12	5.565	-8	46	5.253	-8	79	5.110	-8
13	5.193	-8	47	5.705	-8	80	5.790	-8
14	5.177	-8	48	5.239	-8	81	5.529	-8
15	5.168	-8	49	5.617	-8	82	5.206	-8
16	5.702	-8	50	5.501	-8	83	5.648	-8
17	5.684	-8	51	5.678	-8	84	5.640	-8
18	5.160	-8	52	5.127	-8	85	5.611	-8
19	5.369	-8	53	5.532	-8	86	5.132	-8
20	5.299	-8	54	5.267	-8	87	5.718	-8
21	5.119	-8	55	5.787	-8	88	5.270	-8
22	5.764	-8	56	5.115	-8	89	5.540	-8
23	5.112	-8	57	5.678	-8	90	5.124	-8
24	5.753	-8	58	5.180	-8	91	5.252	-8
25	5.616	-8	59	5.554	-8	92	5.141	-8
26	5.727	-8	60	5.688	-8	93	5.156	-8
27	5.513	-8	61	5.695	-8	94	5.153	-8
28	5.685	-8	62	5.771	-8	95	5.754	-8
29	5.214	-8	63	5.536	-8	96	5.203	-8
30	5.799	-8	64	5.134	-8	97	5.459	-8
31	5.224	-8	65	5.197	-8	98	5.221	-8
32	5.424	-8	66	5.673	-8	99	5.227	-8
33	5.447	-8	67	5.760	-8	100	5.110	-8
34	5.105	-8						

HOP_23								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.750	-8	35	5.143	-8	68	5.693	-8
2	5.154	-8	36	5.781	-8	69	5.112	-8
3	5.241	-8	37	5.242	-8	70	5.112	-8
4	5.705	-8	38	5.727	-8	71	5.237	-8
5	5.768	-8	39	5.182	-8	72	5.186	-8
6	5.791	-8	40	5.568	-8	73	5.629	-8
7	5.796	-8	41	5.609	-8	74	5.779	-8
8	5.550	-8	42	5.213	-8	75	5.652	-8
9	5.590	-8	43	5.181	-8	76	5.483	-8
10	5.653	-8	44	5.699	-8	77	5.777	-8
11	5.153	-8	45	5.669	-8	78	5.213	-8
12	5.661	-8	46	5.165	-8	79	5.223	-8
13	5.286	-8	47	5.547	-8	80	5.726	-8
14	5.254	-8	48	5.684	-8	81	5.557	-8
15	5.175	-8	49	5.318	-8	82	5.256	-8
16	5.270	-8	50	5.636	-8	83	5.589	-8
17	5.581	-8	51	5.104	-8	84	5.120	-8
18	5.737	-8	52	5.214	-8	85	5.275	-8
19	5.737	-8	53	5.797	-8	86	5.704	-8
20	5.252	-8	54	5.209	-8	87	5.442	-8
21	5.541	-8	55	5.359	-8	88	5.746	-8
22	5.102	-8	56	5.119	-8	89	5.609	-8
23	5.194	-8	57	5.408	-8	90	5.405	-8
24	5.247	-8	58	5.253	-8	91	5.649	-8
25	5.539	-8	59	5.774	-8	92	5.159	-8
26	5.143	-8	60	5.584	-8	93	5.679	-8
27	5.136	-8	61	5.257	-8	94	5.403	-8
28	5.506	-8	62	5.760	-8	95	5.672	-8
29	5.797	-8	63	5.622	-8	96	5.249	-8
30	5.766	-8	64	5.297	-8	97	5.194	-8
31	5.236	-8	65	5.598	-8	98	5.552	-8
32	5.131	-8	66	5.137	-8	99	5.751	-8
33	5.727	-8	67	5.260	-8	100	5.584	-8
34	5.501	-8						

HOP_24								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.727	-8	35	5.273	-8	68	5.513	-8
2	5.737	-8	36	5.609	-8	69	5.436	-8
3	5.200	-8	37	5.160	-8	70	5.669	-8
4	5.724	-8	38	5.634	-8	71	5.190	-8
5	5.746	-8	39	5.145	-8	72	5.184	-8
6	5.201	-8	40	5.778	-8	73	5.733	-8
7	5.259	-8	41	5.109	-8	74	5.480	-8
8	5.773	-8	42	5.667	-8	75	5.775	-8
9	5.192	-8	43	5.188	-8	76	5.682	-8
10	5.219	-8	44	5.715	-8	77	5.108	-8
11	5.636	-8	45	5.132	-8	78	5.191	-8
12	5.704	-8	46	5.109	-8	79	5.756	-8
13	5.157	-8	47	5.178	-8	80	5.490	-8
14	5.636	-8	48	5.396	-8	81	5.491	-8
15	5.147	-8	49	5.447	-8	82	5.171	-8
16	5.146	-8	50	5.625	-8	83	5.201	-8
17	5.755	-8	51	5.629	-8	84	5.739	-8
18	5.136	-8	52	5.142	-8	85	5.712	-8
19	5.101	-8	53	5.440	-8	86	5.164	-8
20	5.239	-8	54	5.763	-8	87	5.381	-8
21	5.296	-8	55	5.598	-8	88	5.226	-8
22	5.114	-8	56	5.763	-8	89	5.324	-8
23	5.166	-8	57	5.439	-8	90	5.293	-8
24	5.771	-8	58	5.217	-8	91	5.655	-8
25	5.525	-8	59	5.133	-8	92	5.173	-8
26	5.487	-8	60	5.273	-8	93	5.722	-8
27	5.235	-8	61	5.712	-8	94	5.467	-8
28	5.225	-8	62	5.215	-8	95	5.506	-8
29	5.582	-8	63	5.696	-8	96	5.643	-8
30	5.491	-8	64	5.170	-8	97	5.209	-8
31	5.103	-8	65	5.791	-8	98	5.790	-8
32	5.793	-8	66	5.722	-8	99	5.272	-8
33	5.435	-8	67	5.182	-8	100	5.368	-8
34	5.692	-8						

HOP_25								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.668	-8	35	5.425	-8	68	5.534	-8
2	5.682	-8	36	5.461	-8	69	5.227	-8
3	5.447	-8	37	5.222	-8	70	5.676	-8
4	5.219	-8	38	5.686	-8	71	5.102	-8
5	5.118	-8	39	5.190	-8	72	5.647	-8
6	5.207	-8	40	5.119	-8	73	5.637	-8
7	5.103	-8	41	5.180	-8	74	5.266	-8
8	5.512	-8	42	5.662	-8	75	5.717	-8
9	5.738	-8	43	5.631	-8	76	5.641	-8
10	5.125	-8	44	5.719	-8	77	5.104	-8
11	5.253	-8	45	5.763	-8	78	5.134	-8
12	5.698	-8	46	5.757	-8	79	5.121	-8
13	5.774	-8	47	5.717	-8	80	5.521	-8
14	5.787	-8	48	5.651	-8	81	5.325	-8
15	5.642	-8	49	5.642	-8	82	5.121	-8
16	5.279	-8	50	5.181	-8	83	5.618	-8
17	5.377	-8	51	5.172	-8	84	5.743	-8
18	5.208	-8	52	5.170	-8	85	5.657	-8
19	5.798	-8	53	5.342	-8	86	5.689	-8
20	5.690	-8	54	5.745	-8	87	5.187	-8
21	5.674	-8	55	5.270	-8	88	5.192	-8
22	5.277	-8	56	5.171	-8	89	5.794	-8
23	5.637	-8	57	5.486	-8	90	5.554	-8
24	5.782	-8	58	5.223	-8	91	5.738	-8
25	5.185	-8	59	5.193	-8	92	5.253	-8
26	5.632	-8	60	5.123	-8	93	5.640	-8
27	5.104	-8	61	5.462	-8	94	5.719	-8
28	5.588	-8	62	5.281	-8	95	5.107	-8
29	5.679	-8	63	5.281	-8	96	5.138	-8
30	5.619	-8	64	5.135	-8	97	5.737	-8
31	5.132	-8	65	5.637	-8	98	5.793	-8
32	5.284	-8	66	5.208	-8	99	5.205	-8
33	5.674	-8	67	5.108	-8	100	5.231	-8
34	5.274	-8						

HOP_26								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.673	-8	35	5.447	-8	68	5.580	-8
2	5.264	-8	36	5.279	-8	69	5.219	-8
3	5.705	-8	37	5.128	-8	70	5.697	-8
4	5.643	-8	38	5.110	-8	71	5.151	-8
5	5.555	-8	39	5.619	-8	72	5.280	-8
6	5.144	-8	40	5.129	-8	73	5.727	-8
7	5.168	-8	41	5.171	-8	74	5.547	-8
8	5.214	-8	42	5.200	-8	75	5.412	-8
9	5.745	-8	43	5.798	-8	76	5.695	-8
10	5.172	-8	44	5.152	-8	77	5.223	-8
11	5.195	-8	45	5.778	-8	78	5.263	-8
12	5.686	-8	46	5.567	-8	79	5.252	-8
13	5.709	-8	47	5.106	-8	80	5.344	-8
14	5.396	-8	48	5.705	-8	81	5.579	-8
15	5.121	-8	49	5.796	-8	82	5.297	-8
16	5.295	-8	50	5.149	-8	83	5.691	-8
17	5.796	-8	51	5.701	-8	84	5.534	-8
18	5.598	-8	52	5.798	-8	85	5.642	-8
19	5.276	-8	53	5.690	-8	86	5.186	-8
20	5.197	-8	54	5.212	-8	87	5.156	-8
21	5.125	-8	55	5.414	-8	88	5.241	-8
22	5.745	-8	56	5.787	-8	89	5.683	-8
23	5.622	-8	57	5.736	-8	90	5.475	-8
24	5.297	-8	58	5.768	-8	91	5.706	-8
25	5.614	-8	59	5.161	-8	92	5.141	-8
26	5.234	-8	60	5.709	-8	93	5.748	-8
27	5.222	-8	61	5.614	-8	94	5.162	-8
28	5.547	-8	62	5.166	-8	95	5.254	-8
29	5.540	-8	63	5.261	-8	96	5.115	-8
30	5.432	-8	64	5.139	-8	97	5.522	-8
31	5.294	-8	65	5.479	-8	98	5.194	-8
32	5.521	-8	66	5.759	-8	99	5.113	-8
33	5.220	-8	67	5.697	-8	100	5.262	-8
34	5.597	-8						

HOP_27								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.776	-8	35	5.273	-8	68	5.510	-8
2	5.556	-8	36	5.451	-8	69	5.271	-8
3	5.110	-8	37	5.104	-8	70	5.610	-8
4	5.104	-8	38	5.110	-8	71	5.675	-8
5	5.751	-8	39	5.789	-8	72	5.619	-8
6	5.258	-8	40	5.135	-8	73	5.274	-8
7	5.295	-8	41	5.624	-8	74	5.555	-8
8	5.502	-8	42	5.207	-8	75	5.700	-8
9	5.649	-8	43	5.613	-8	76	5.291	-8
10	5.664	-8	44	5.514	-8	77	5.114	-8
11	5.652	-8	45	5.212	-8	78	5.165	-8
12	5.483	-8	46	5.528	-8	79	5.190	-8
13	5.666	-8	47	5.657	-8	80	5.348	-8
14	5.548	-8	48	5.721	-8	81	5.750	-8
15	5.677	-8	49	5.126	-8	82	5.111	-8
16	5.291	-8	50	5.269	-8	83	5.118	-8
17	5.362	-8	51	5.655	-8	84	5.700	-8
18	5.782	-8	52	5.232	-8	85	5.126	-8
19	5.793	-8	53	5.679	-8	86	5.227	-8
20	5.158	-8	54	5.128	-8	87	5.268	-8
21	5.117	-8	55	5.424	-8	88	5.151	-8
22	5.152	-8	56	5.275	-8	89	5.745	-8
23	5.646	-8	57	5.305	-8	90	5.739	-8
24	5.209	-8	58	5.515	-8	91	5.563	-8
25	5.293	-8	59	5.171	-8	92	5.290	-8
26	5.584	-8	60	5.789	-8	93	5.739	-8
27	5.133	-8	61	5.237	-8	94	5.557	-8
28	5.533	-8	62	5.769	-8	95	5.115	-8
29	5.568	-8	63	5.715	-8	96	5.219	-8
30	5.637	-8	64	5.206	-8	97	5.625	-8
31	5.109	-8	65	5.721	-8	98	5.199	-8
32	5.485	-8	66	5.279	-8	99	5.732	-8
33	5.597	-8	67	5.607	-8	100	5.678	-8
34	5.592	-8						

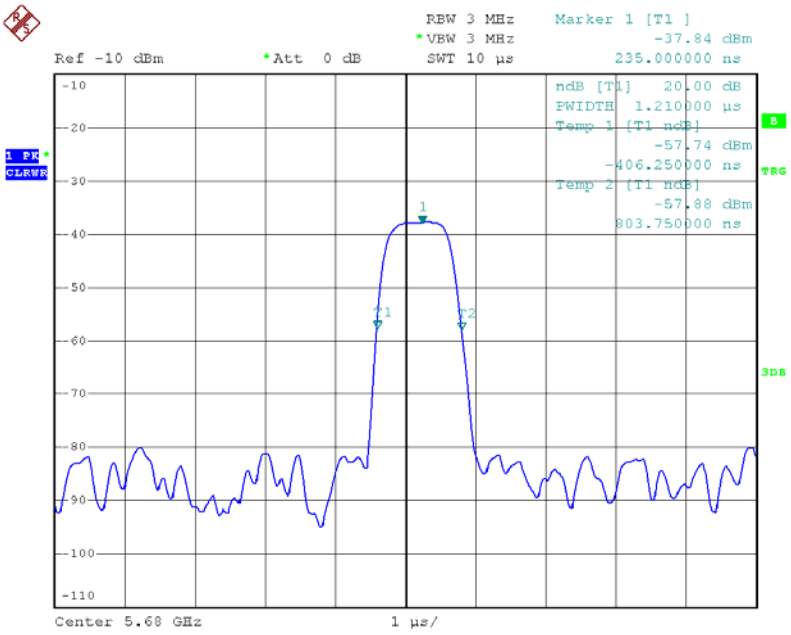
HOP_28								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.188	-8	35	5.119	-8	68	5.258	-8
2	5.627	-8	36	5.733	-8	69	5.276	-8
3	5.457	-8	37	5.731	-8	70	5.520	-8
4	5.735	-8	38	5.607	-8	71	5.624	-8
5	5.791	-8	39	5.102	-8	72	5.177	-8
6	5.161	-8	40	5.795	-8	73	5.426	-8
7	5.781	-8	41	5.738	-8	74	5.739	-8
8	5.395	-8	42	5.562	-8	75	5.779	-8
9	5.512	-8	43	5.166	-8	76	5.191	-8
10	5.777	-8	44	5.160	-8	77	5.140	-8
11	5.246	-8	45	5.188	-8	78	5.173	-8
12	5.426	-8	46	5.151	-8	79	5.381	-8
13	5.271	-8	47	5.169	-8	80	5.627	-8
14	5.696	-8	48	5.297	-8	81	5.395	-8
15	5.656	-8	49	5.167	-8	82	5.211	-8
16	5.147	-8	50	5.499	-8	83	5.661	-8
17	5.484	-8	51	5.103	-8	84	5.151	-8
18	5.677	-8	52	5.262	-8	85	5.270	-8
19	5.469	-8	53	5.724	-8	86	5.581	-8
20	5.743	-8	54	5.484	-8	87	5.298	-8
21	5.188	-8	55	5.109	-8	88	5.765	-8
22	5.724	-8	56	5.100	-8	89	5.726	-8
23	5.186	-8	57	5.462	-8	90	5.289	-8
24	5.253	-8	58	5.665	-8	91	5.498	-8
25	5.144	-8	59	5.143	-8	92	5.797	-8
26	5.788	-8	60	5.196	-8	93	5.279	-8
27	5.354	-8	61	5.781	-8	94	5.738	-8
28	5.192	-8	62	5.623	-8	95	5.446	-8
29	5.632	-8	63	5.445	-8	96	5.183	-8
30	5.485	-8	64	5.738	-8	97	5.616	-8
31	5.702	-8	65	5.790	-8	98	5.741	-8
32	5.665	-8	66	5.131	-8	99	5.581	-8
33	5.496	-8	67	5.697	-8	100	5.116	-8
34	5.129	-8						

HOP_29								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.522	-8	35	5.633	-8	68	5.678	-8
2	5.299	-8	36	5.112	-8	69	5.166	-8
3	5.743	-8	37	5.118	-8	70	5.607	-8
4	5.673	-8	38	5.738	-8	71	5.586	-8
5	5.571	-8	39	5.143	-8	72	5.776	-8
6	5.251	-8	40	5.505	-8	73	5.789	-8
7	5.182	-8	41	5.253	-8	74	5.565	-8
8	5.428	-8	42	5.654	-8	75	5.192	-8
9	5.619	-8	43	5.722	-8	76	5.127	-8
10	5.137	-8	44	5.135	-8	77	5.163	-8
11	5.139	-8	45	5.103	-8	78	5.117	-8
12	5.188	-8	46	5.286	-8	79	5.535	-8
13	5.223	-8	47	5.110	-8	80	5.492	-8
14	5.446	-8	48	5.649	-8	81	5.439	-8
15	5.754	-8	49	5.798	-8	82	5.288	-8
16	5.158	-8	50	5.758	-8	83	5.748	-8
17	5.513	-8	51	5.691	-8	84	5.178	-8
18	5.477	-8	52	5.137	-8	85	5.638	-8
19	5.153	-8	53	5.702	-8	86	5.557	-8
20	5.490	-8	54	5.159	-8	87	5.150	-8
21	5.155	-8	55	5.728	-8	88	5.279	-8
22	5.618	-8	56	5.118	-8	89	5.141	-8
23	5.167	-8	57	5.414	-8	90	5.621	-8
24	5.662	-8	58	5.109	-8	91	5.256	-8
25	5.574	-8	59	5.747	-8	92	5.278	-8
26	5.245	-8	60	5.728	-8	93	5.521	-8
27	5.358	-8	61	5.213	-8	94	5.780	-8
28	5.613	-8	62	5.714	-8	95	5.659	-8
29	5.136	-8	63	5.201	-8	96	5.208	-8
30	5.111	-8	64	5.146	-8	97	5.253	-8
31	5.108	-8	65	5.712	-8	98	5.263	-8
32	5.638	-8	66	5.733	-8	99	5.690	-8
33	5.616	-8	67	5.129	-8	100	5.719	-8
34	5.500	-8						

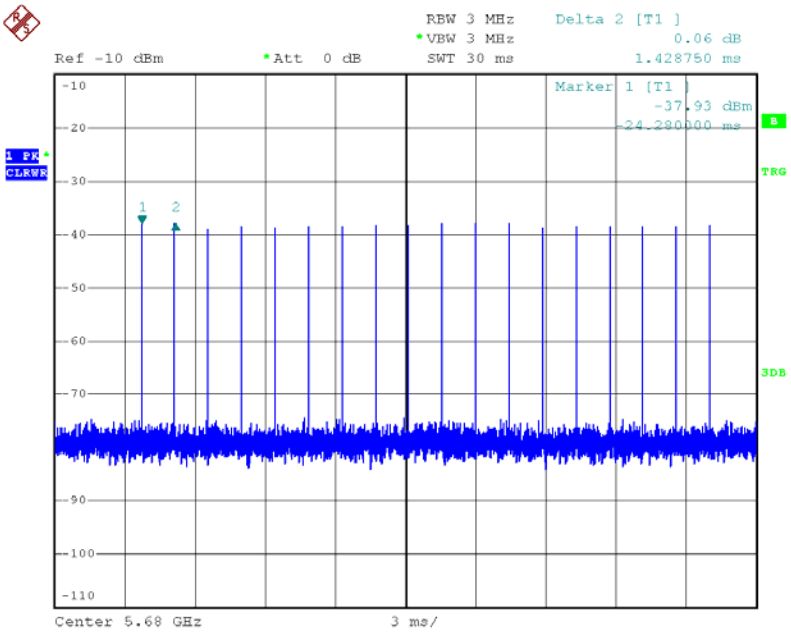
HOP_30								
Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)	Burst	Start Location	Level (dBm)
1	5.561	-8	35	5.547	-8	68	5.547	-8
2	5.654	-8	36	5.174	-8	69	5.691	-8
3	5.655	-8	37	5.155	-8	70	5.218	-8
4	5.585	-8	38	5.146	-8	71	5.292	-8
5	5.648	-8	39	5.128	-8	72	5.183	-8
6	5.235	-8	40	5.561	-8	73	5.592	-8
7	5.114	-8	41	5.144	-8	74	5.704	-8
8	5.357	-8	42	5.210	-8	75	5.719	-8
9	5.489	-8	43	5.677	-8	76	5.112	-8
10	5.166	-8	44	5.589	-8	77	5.669	-8
11	5.296	-8	45	5.158	-8	78	5.723	-8
12	5.218	-8	46	5.245	-8	79	5.721	-8
13	5.181	-8	47	5.750	-8	80	5.570	-8
14	5.718	-8	48	5.368	-8	81	5.612	-8
15	5.475	-8	49	5.136	-8	82	5.113	-8
16	5.606	-8	50	5.134	-8	83	5.536	-8
17	5.733	-8	51	5.724	-8	84	5.670	-8
18	5.209	-8	52	5.218	-8	85	5.755	-8
19	5.628	-8	53	5.764	-8	86	5.198	-8
20	5.362	-8	54	5.223	-8	87	5.138	-8
21	5.160	-8	55	5.411	-8	88	5.103	-8
22	5.107	-8	56	5.119	-8	89	5.121	-8
23	5.782	-8	57	5.412	-8	90	5.639	-8
24	5.263	-8	58	5.113	-8	91	5.290	-8
25	5.134	-8	59	5.107	-8	92	5.140	-8
26	5.580	-8	60	5.272	-8	93	5.696	-8
27	5.343	-8	61	5.229	-8	94	5.697	-8
28	5.733	-8	62	5.162	-8	95	5.222	-8
29	5.687	-8	63	5.289	-8	96	5.740	-8
30	5.244	-8	64	5.779	-8	97	5.115	-8
31	5.180	-8	65	5.630	-8	98	5.713	-8
32	5.515	-8	66	5.106	-8	99	5.111	-8
33	5.485	-8	67	5.161	-8	100	5.156	-8
34	5.723	-8						

12. Radar Calibration

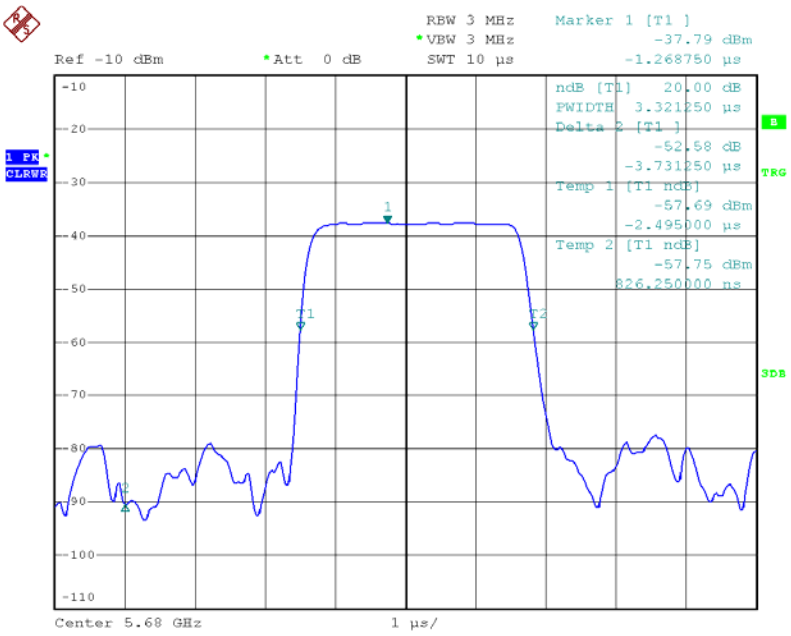
Radar Type 1



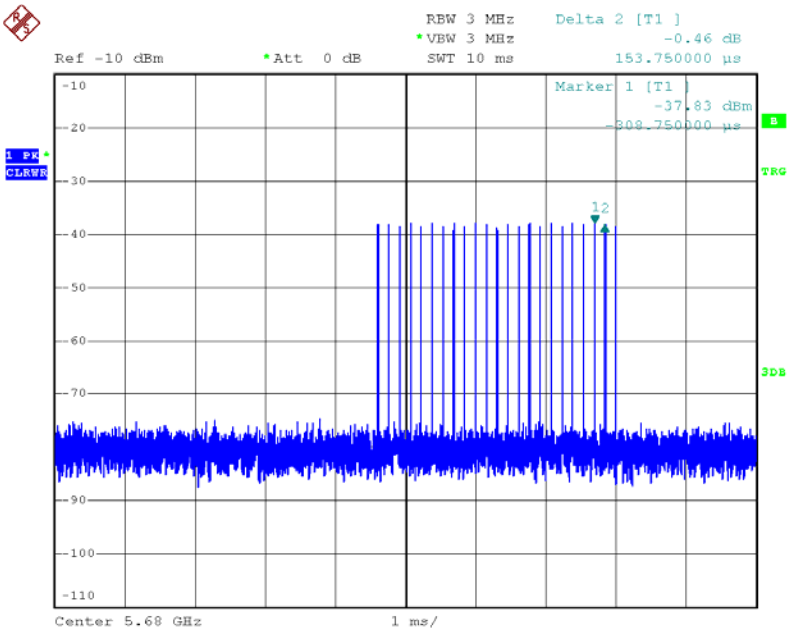
Radar Type 1



Radar Type 2



Radar Type 2



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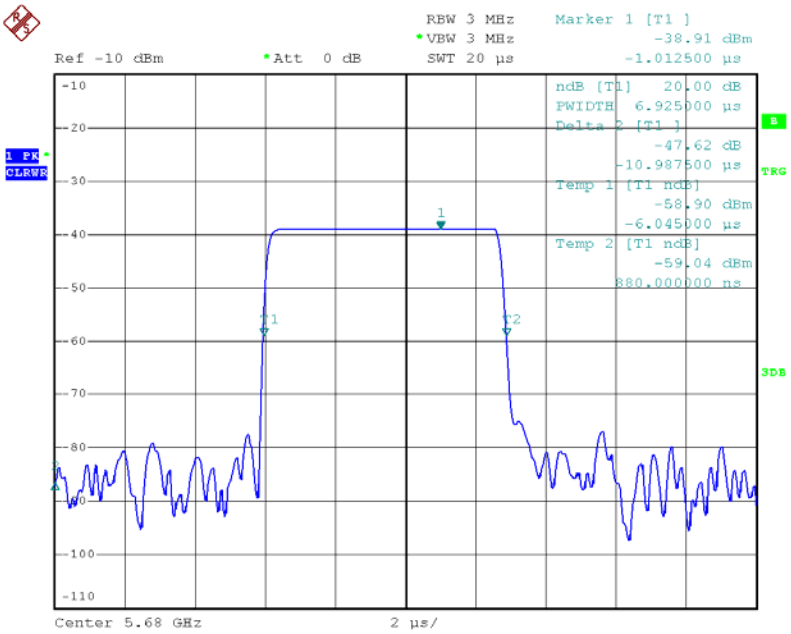
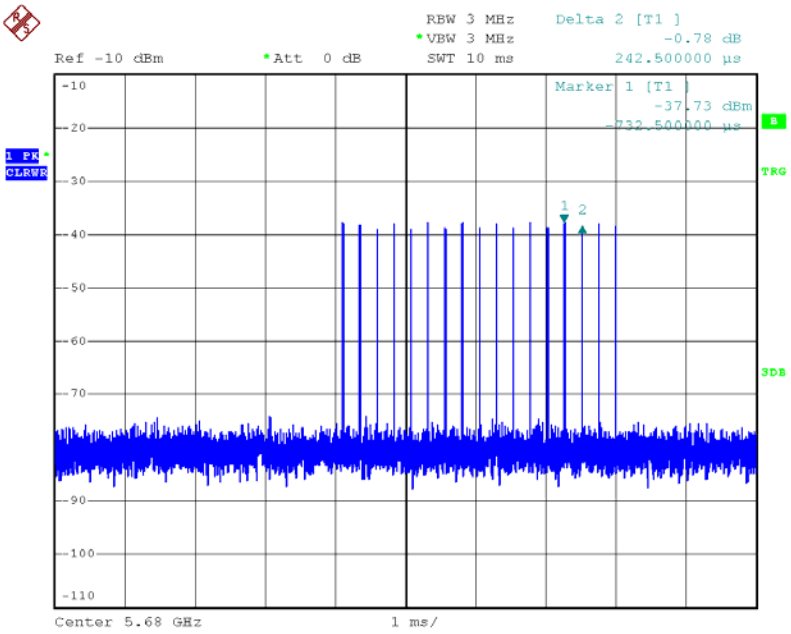


Radar Type 3



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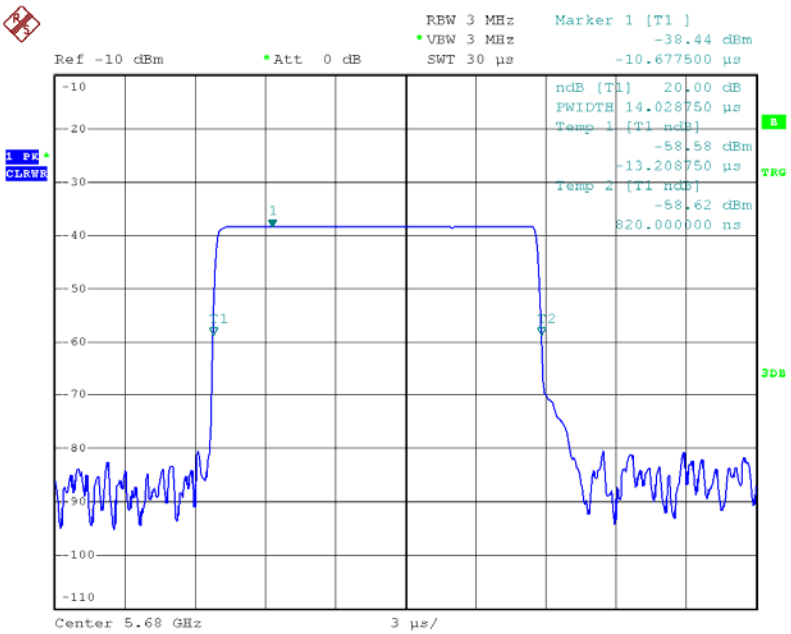
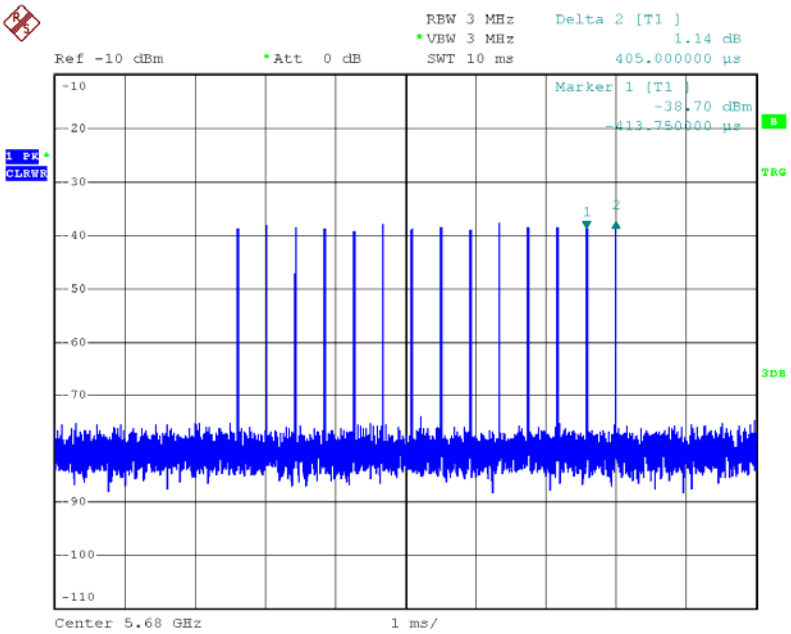
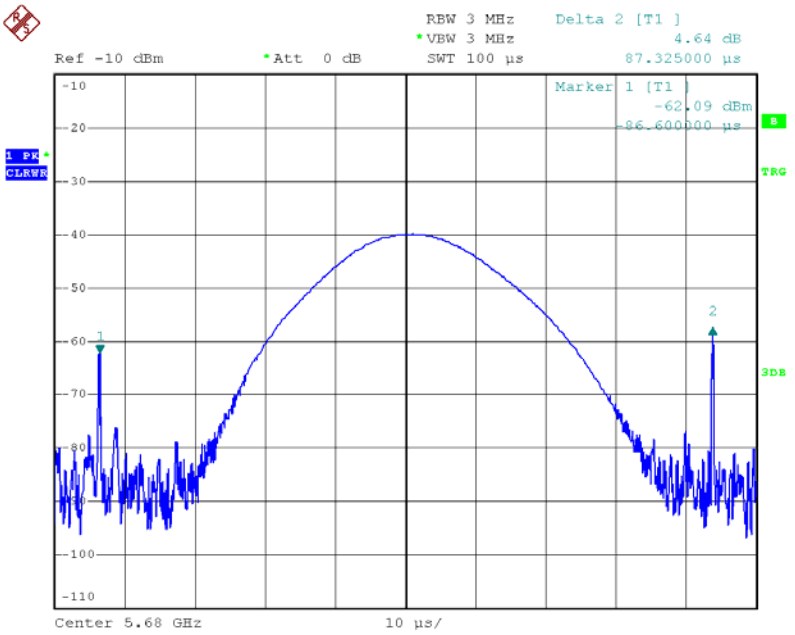


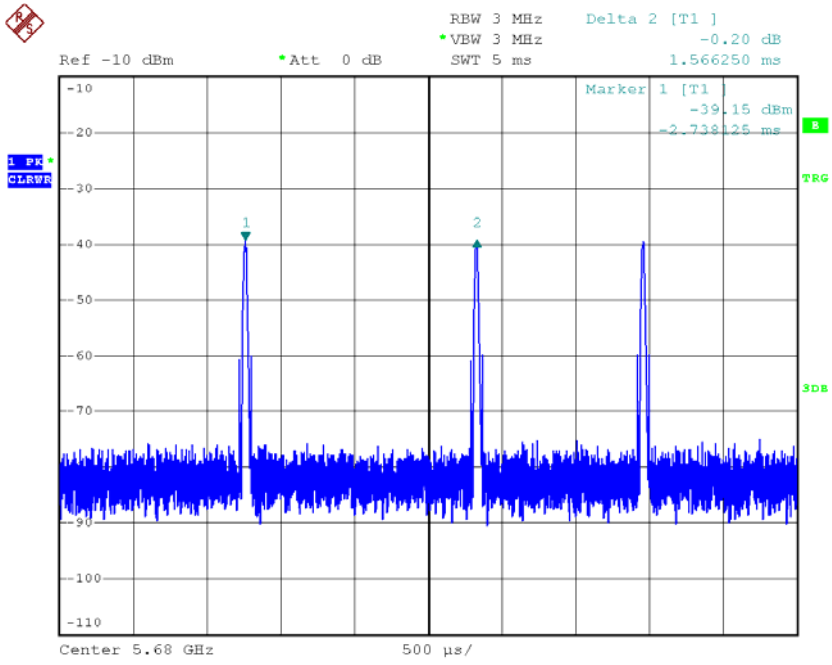
Radar Type 4



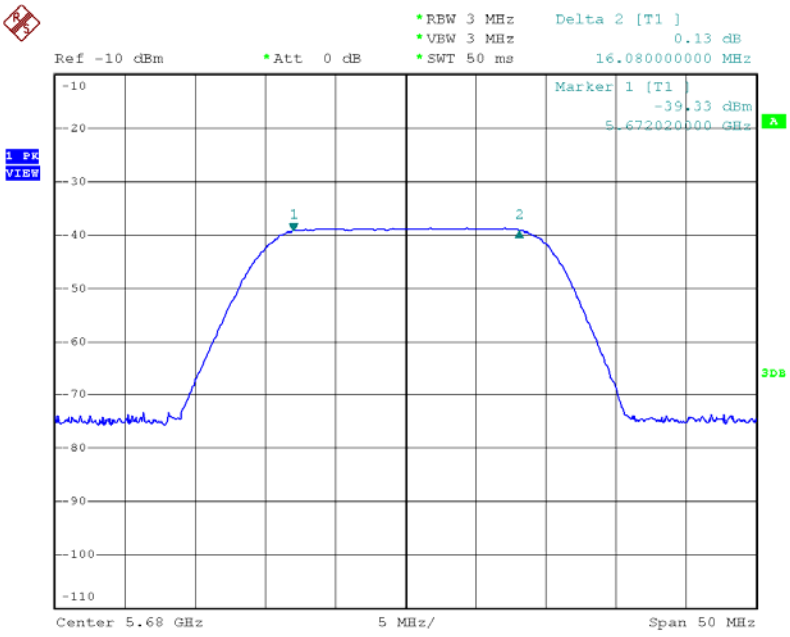
Radar Type 5



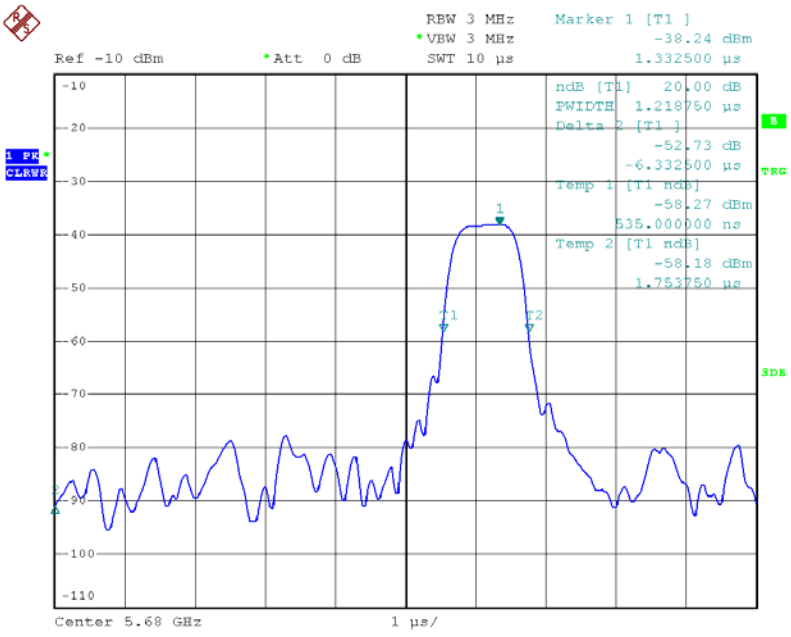
Radar Type 5



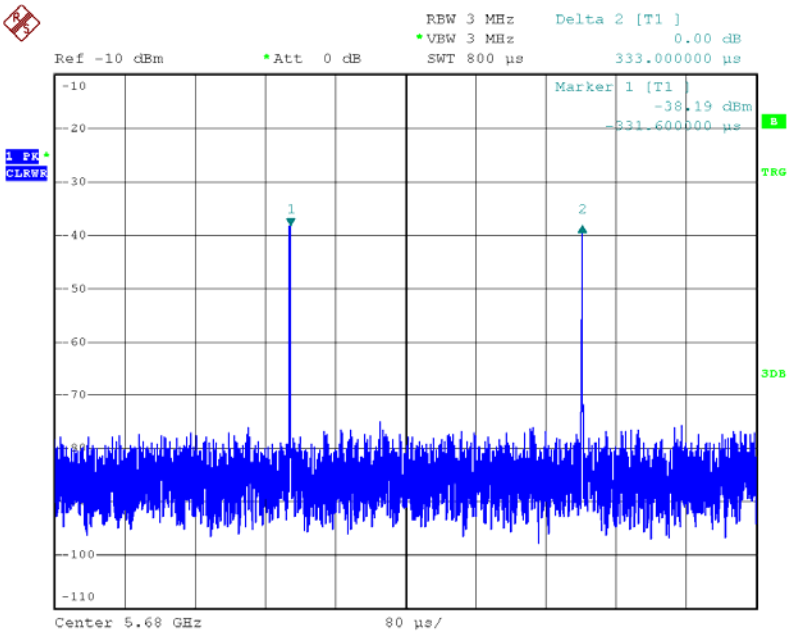
Radar Type 5


RBW 3 MHz
VBW 3 MHz
SWT 50 ms
Delta 2 [T1]
0.13 dB
16.080000000 MHz
Ref -10 dBm
Att 0 dB
Marker 1 [T1]
-39.33 dBm
5.672020000 GHz
1 PK VIEW
3DB
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
Center 5.68 GHz
5 MHz/
Span 50 MHz

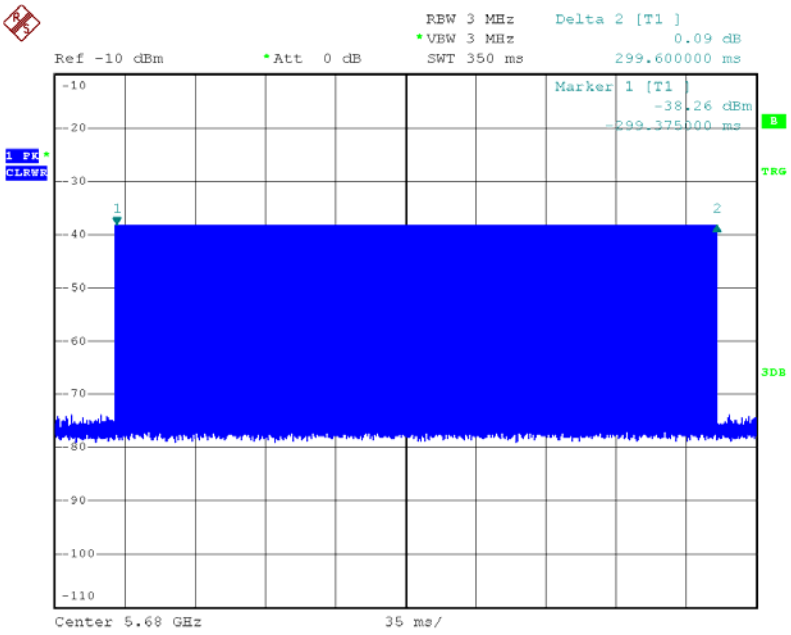
Radar Type 6


RBW 3 MHz
VBW 3 MHz
SWT 10 µs
Marker 1 [T1]
-38.24 dBm
1.332500 µs
Ref -10 dBm
Att 0 dB
ndB [T1] 20.00 dB
PWIDTH 1.218750 µs
Delta 2 [T1]
-52.73 dB
-6.332500 µs
Temp 1 [T1 ndB]
-58.27 dBm
535.000000 ns
Temp 2 [T1 ndB]
-58.18 dBm
1.753750 µs
1 PK
CLRWR
TRG
3DB
T1
T2
Center 5.68 GHz
1 µs/

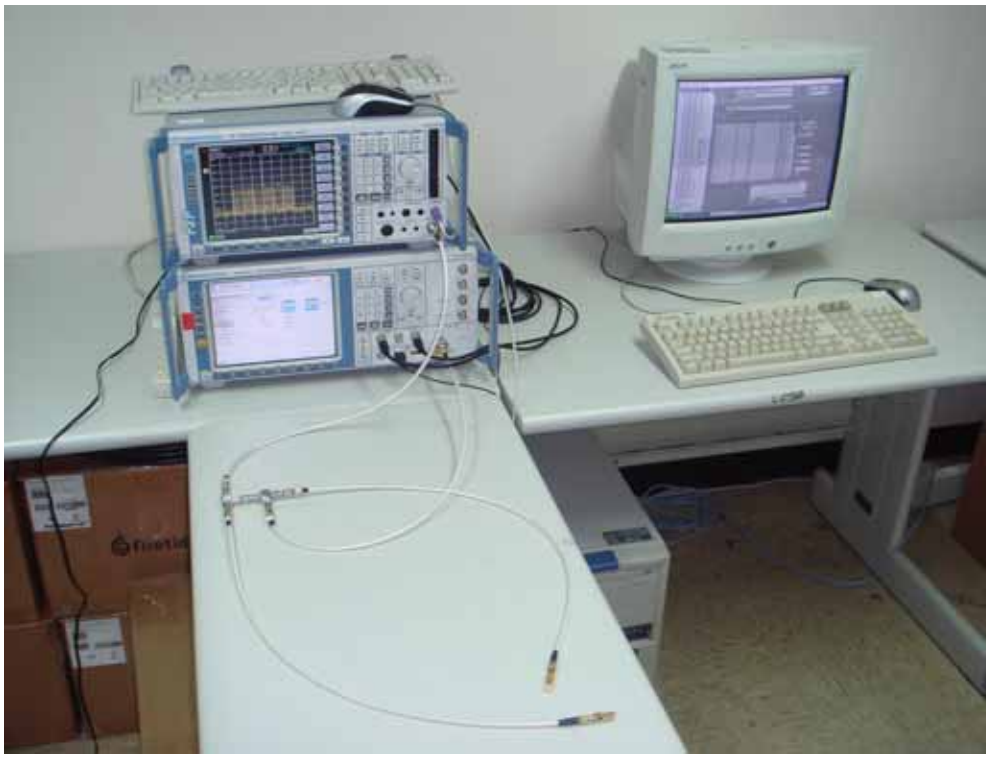
Radar Type 6


RBW 3 MHz
VBW 3 MHz
SWT 800 µs
Delta 2 [T1]
0.00 dB
333.000000 µs
Ref -10 dBm
Att 0 dB
Marker 1 [T1]
-38.19 dBm
-331.600000 µs
1 PK
CLRWR
TRG
3DB
-10
-20
-30
-40
-50
-60
-70
-100
-110
Center 5.68 GHz
80 µs/

Radar Type 6


RBW 3 MHz
*VBW 3 MHz
SWT 350 ms
Delta 2 [T1]
0.09 dB
299.600000 ms
Ref -10 dBm
*Att 0 dB
Marker 1 [T1]
-38.26 dBm
-299.375000 ms
1 PK
CLRWR
TRG
3DB
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
Center 5.68 GHz
35 ms/

13. Radar Calibration Setup Photos

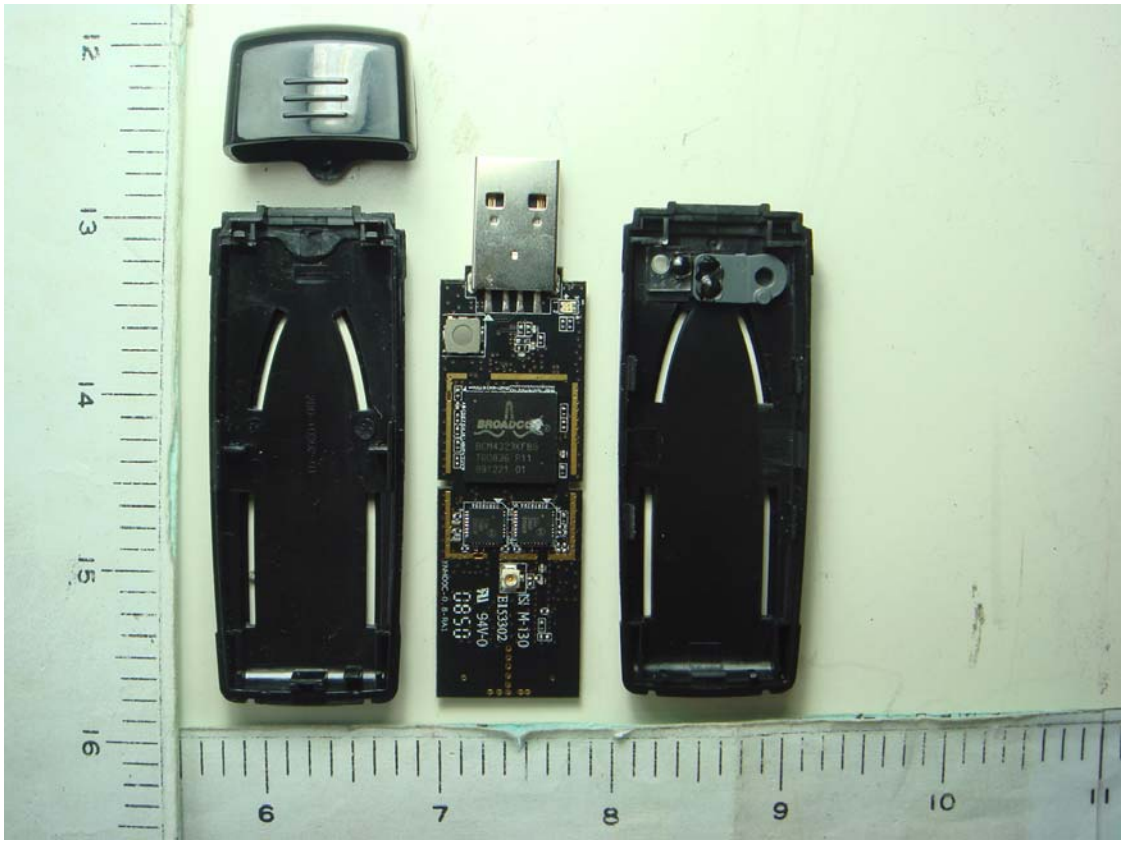


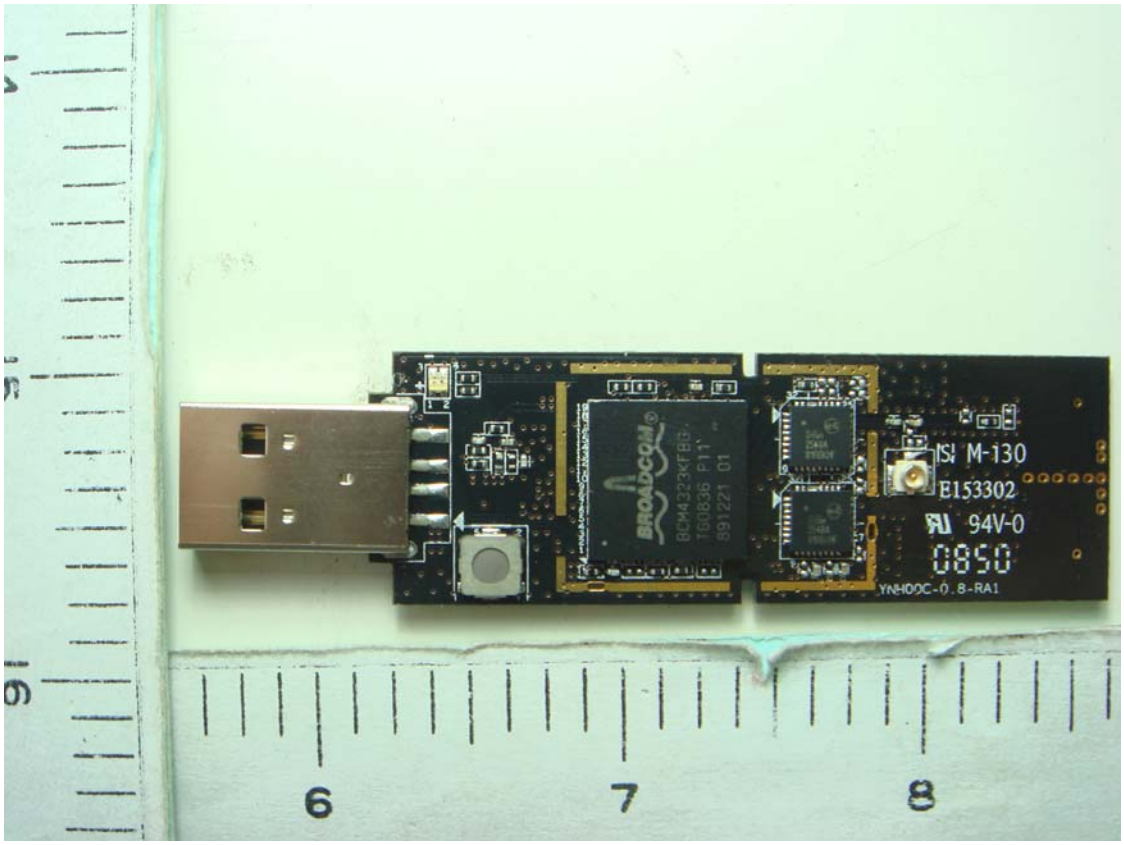
14. Measurement Equipment Data sheet

Test Software	R&S K6 Pulse Sequencer Software V 1.0.0, March 5, 2007
Software Data sheet	K6 DFS Software Manual.PDF

Equipment	Manufacturer	Model	Data Sheet
Signal Generator	R&S	SMU 200A	SMU200A_specs_en.PDF
Spectrum Analyzer	R&S	FSP 40	FSP_specs_en.PDF

Appendix A. Photographs of EUT

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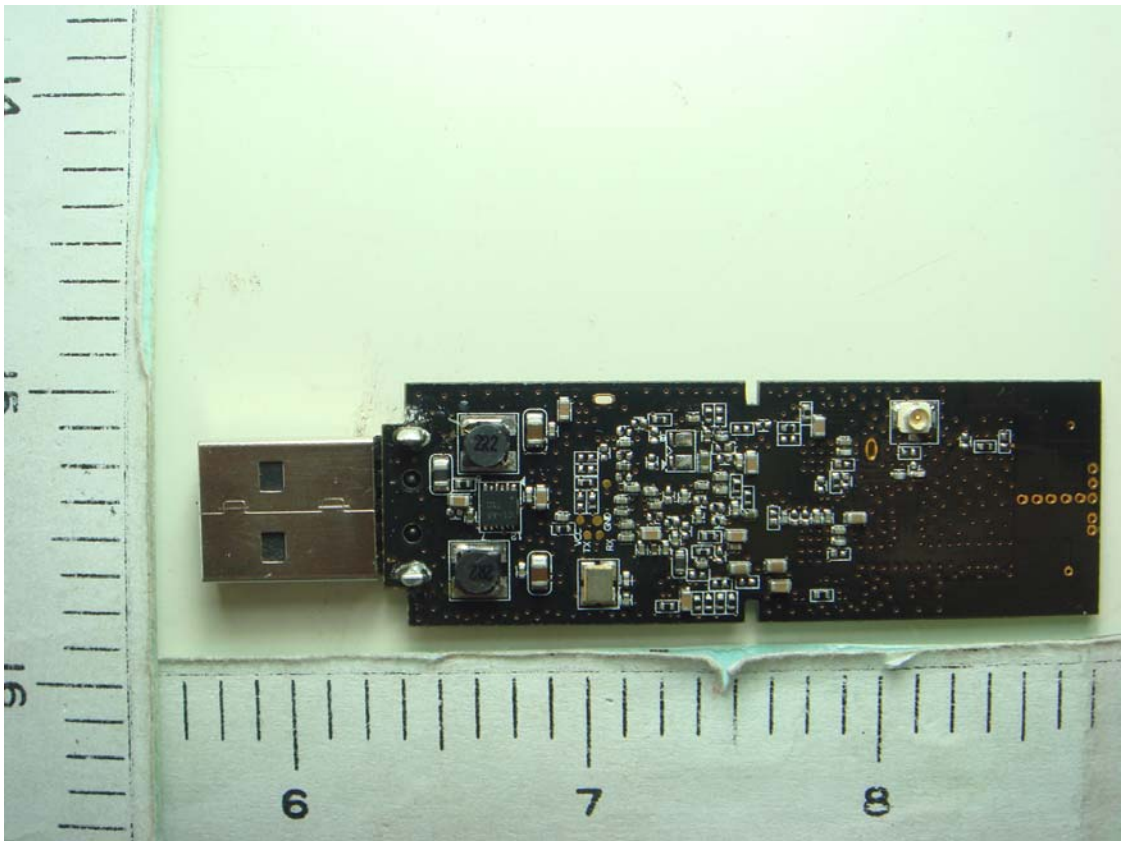
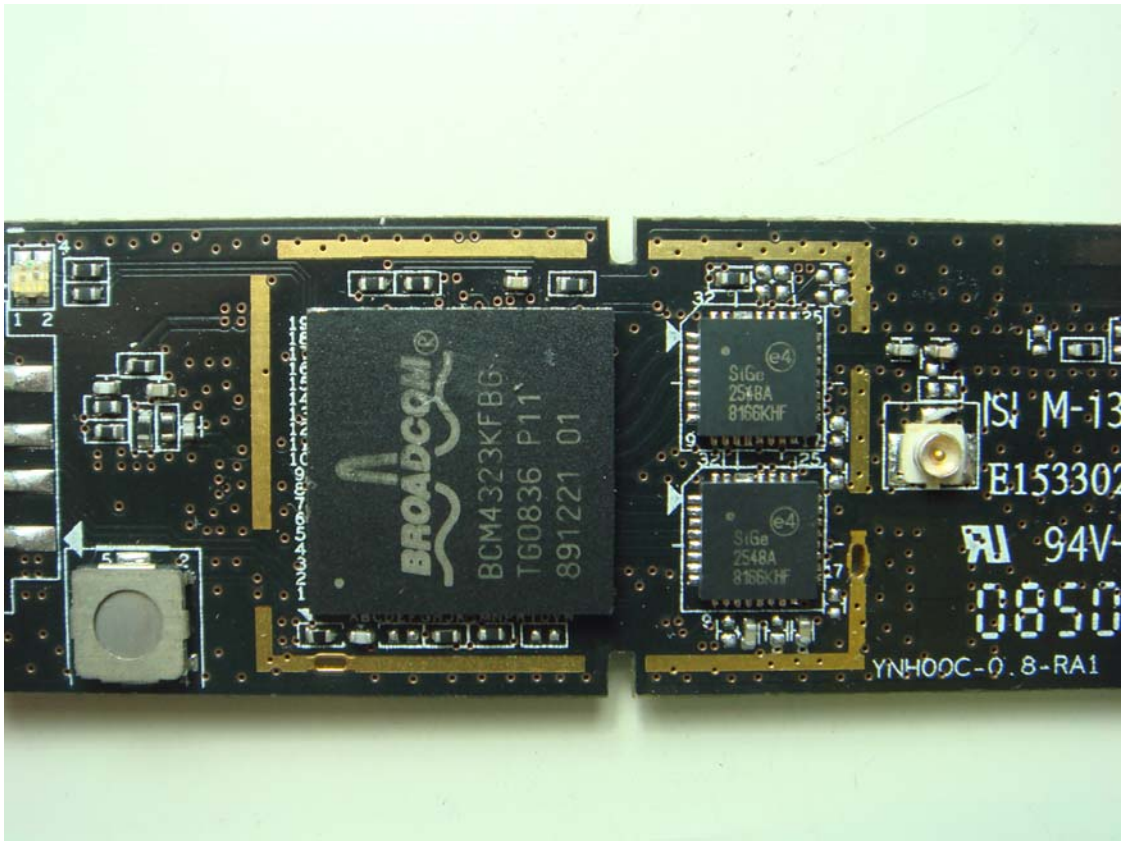
E153302
94V-0
0850
YNH00C-0.8-RA1
6
7
8


6
7
8


BROADCOM
BCM4323KFBG
TG0836 P11
891221 01
SiGe
2548A
8166KHF
YNH09C-0.8-RA1