FCC Radio Test Report

Applicant	:	**Motorola Mobility LLC**
Equipment	:	**Mobile Cellular Phone**
Brand Name	:	**Motorola**
Model Name	:	**XT2401-1**
FCC ID	:	**IHDT56AQ7**
Standard	:	**47 CFR FCC Part 15.519**
Test Date(S)	:	**Mar. 12, 2024 ~ Mar. 26, 2024**

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED
Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

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Appendix A. Setup Photographs

History of this test report

Report No.	Version	Description	Issued Date
FR420701H	01	Initial issue of report	Mar. 29, 2024
FR420701H	02	Updated the Antenna Type and Gain in Section 1.4	Apr. 03, 2024

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.4	15.203 15.519(a)(2)	Antenna Requirement	PASS	15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	15.207
3.2	15.503	UWB Bandwidth	PASS	≥ 500MHz
3.4	15.519(a)(1)	Technical requirements for Hand Held UWB systems	PASS	15.519(a)(1)
3.4	15.519(e)	Peak Power Measurement	PASS	≤ 0 dBm/50MHz
3.5	15.519(c) /15.519(d)	Radiated Emissions	PASS	UWB Emissions: 15.519(c) GPS Emissions: 15.519(d) Digital Emissions: 15.209

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Applicant

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2401-1
FCC ID	IHDT56AQ7
IMEI Code	Conduction: 357505570026234/357505570026242 Radiation: 357505570025178
HW Version	DVT2
SW Version	UUV34.71
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Channel Number & Tx/Rx Frequency Range	CH05: 6489.6 MHz CH09: 7987.2 MHz
Antenna Type	**<Ant. 7> :** IFA Antenna **<Ant. 9> :** Patch Antenna
Antenna Gain	**<CH05>** **<Ant. 7> :** -1.60 dBi **<Ant. 9> :** -0.30 dBi **<CH09>** **<Ant. 7> :** 1.70 dBi **<Ant. 9> :** 1.30 dBi
Type of Modulation	BPM-BPSK

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Type of EUT

Operational Condition	
EUT Power Type	AC mains: AC voltage 120 V
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.: …
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.: …
☐	Other:

1.7 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1251
AC Adapter 1(EU)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1252
AC Adapter 1(UK)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1253
AC Adapter 1(AU)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1255
AC Adapter 1(AR)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1256
AC Adapter 1(BR)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-1257
AC Adapter 2(US)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1251
AC Adapter 2(EU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1252
AC Adapter 2(UK)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1253
AC Adapter 2(IN)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1254
AC Adapter 2(AU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1255
AC Adapter 2(AR)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1256
AC Adapter 2(BR)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1257
AC Adapter 2(Chile)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-1259
Battery	**Brand Name**	Motorola(ATL)	**Model Name**	QV45
USB Cable	**Brand Name**	Motorola(Saibao)	**Model Name**	SC18D71644
Wireless Earphone	**Brand Name**	Motorola	**Model Name**	XT2441-1
Wireless Charging dock	**Marketing Name**	Turbo Power 50W Wireless Charging Stand	**Model Name**	MW-02

1.8 Testing Location Information

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-KS 03CH05-KS	CN1257	314309

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Conduction	CO01-KS	Amos Zhang	25.3 ~ 26.2 °C 38 ~ 40 %	Mar. 12, 2024
Radiated	03CH05-KS	Leve Zhao	22 ~ 23 °C 41 ~ 42 %	Mar. 26, 2024

1.9 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH05-KS	AUDIX	E3	210616
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.10 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15F
- ANSI C63.10-2013
- FCC KDB 414788 D01 Radiated Test Site v01r01

2 Test Configuration of EUT

2.1 Test Mode

Test Configuration					
Mode	UWB Antenna	UWB Channel	preamble_cidx	rx_sts_mode	packet_length
1	7	5	9	0	127
2	7	5	9	1	127
3	7	5	9	3	0
4	7	5	10	0	127
5	7	5	10	1	127
6	7	5	10	3	0
7	7	5	11	0	127
8	7	5	11	1	127
9	7	5	11	3	0
10	7	5	12	0	127
11	7	5	12	1	127
12	7	5	12	3	0
13	7	9	9	0	127
14	7	9	9	1	127
15	7	9	9	3	0
16	7	9	10	0	127
17	7	9	10	1	127
18	7	9	10	3	0
19	7	9	11	0	127
20	7	9	11	1	127
21	7	9	11	3	0
22	7	9	12	0	127
23	7	9	12	1	127
24	7	9	12	3	0
25	9	5	9	0	127
26	9	5	9	1	127
27	9	5	9	3	0
28	9	5	10	0	127
29	9	5	10	1	127
30	9	5	10	3	0
31	9	5	11	0	127
32	9	5	11	1	127
33	9	5	11	3	0
34	9	5	12	0	127
35	9	5	12	1	127
36	9	5	12	3	0
37	9	9	9	0	127
38	9	9	9	1	127

Test Configuration					
Mode	**UWB Antenna**	**UWB Channel**	**preamble_cidx**	**rx_sts_mode**	**packet_length**
39	9	9	9	3	0
40	9	9	10	0	127
41	9	9	10	1	127
42	9	9	10	3	0
43	9	9	11	0	127
44	9	9	11	1	127
45	9	9	11	3	0
46	9	9	12	0	127
47	9	9	12	1	127
48	9	9	12	3	0

2.2 The Worst Case Measurement Configuration

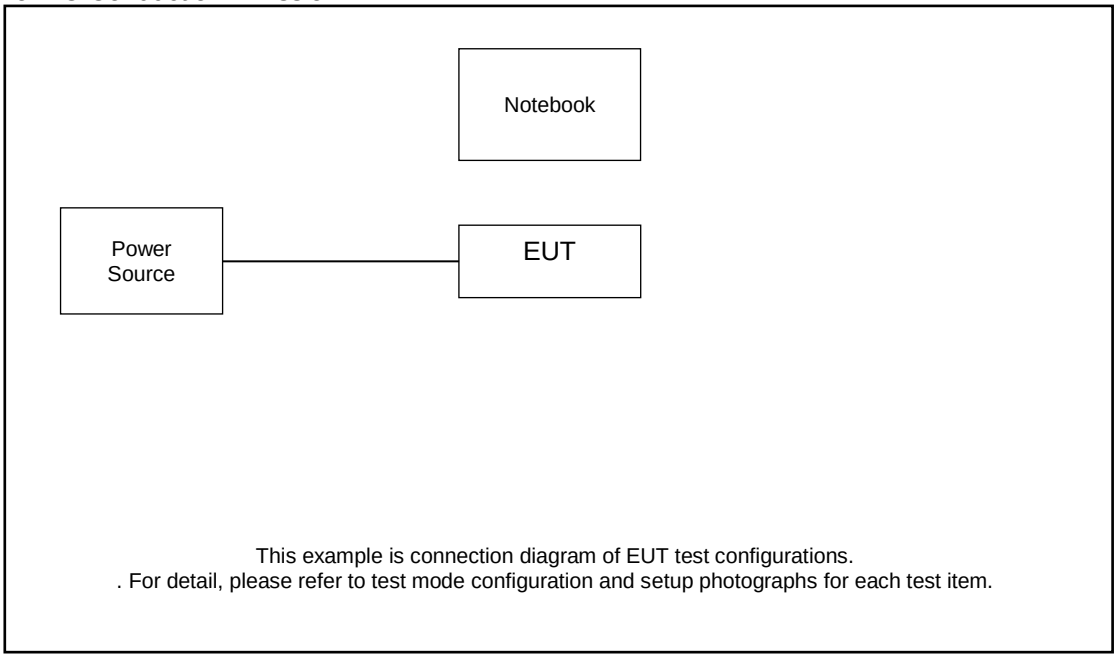
The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode

The Worst Case Mode for Following Conformance Tests			
Tests Item	UWB Bandwidth, Peak Emissions within a 50 MHz Bandwidth, Radiated Emissions		
Test Condition	Radiated measurement		
Operating Mode	CTX		
1	Adapter Mode		
Mode 1 configuration was tested and found to be the worst case and measured during the test.			
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
Worst Planes of EUT			V

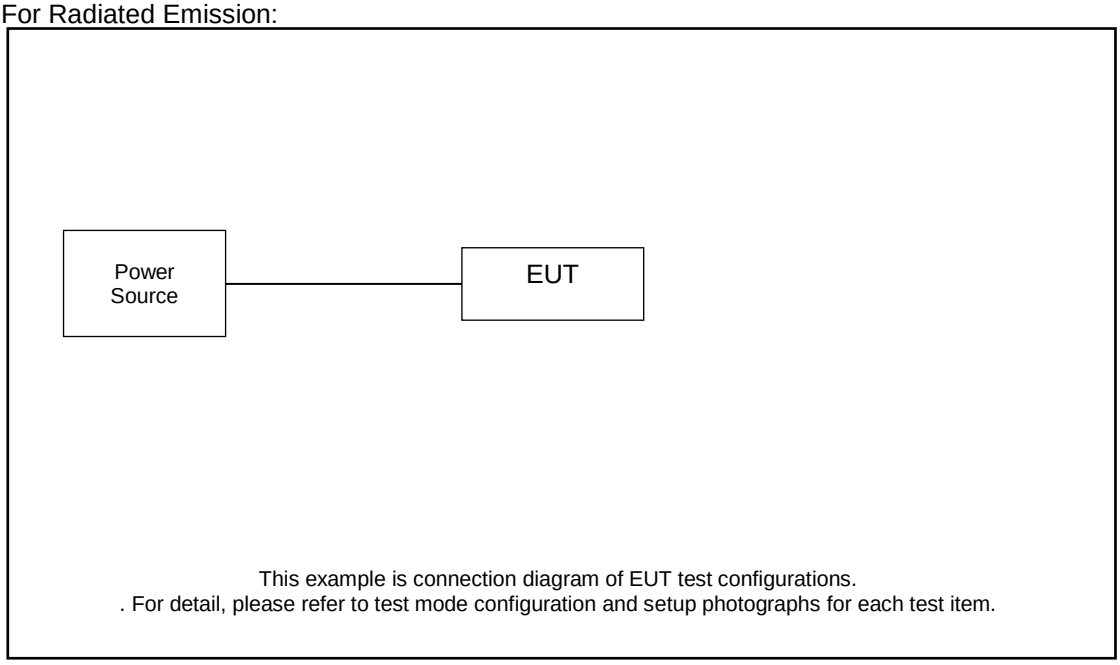
Remark:
1. The measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane as worst plane and recorded in this report.
2. All the tests were performed with Adapter and USB Cable.
3. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.

2.3 Test Setup Diagram

For AC Conduction Emission:



For Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	Unshielded, 1.8 m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

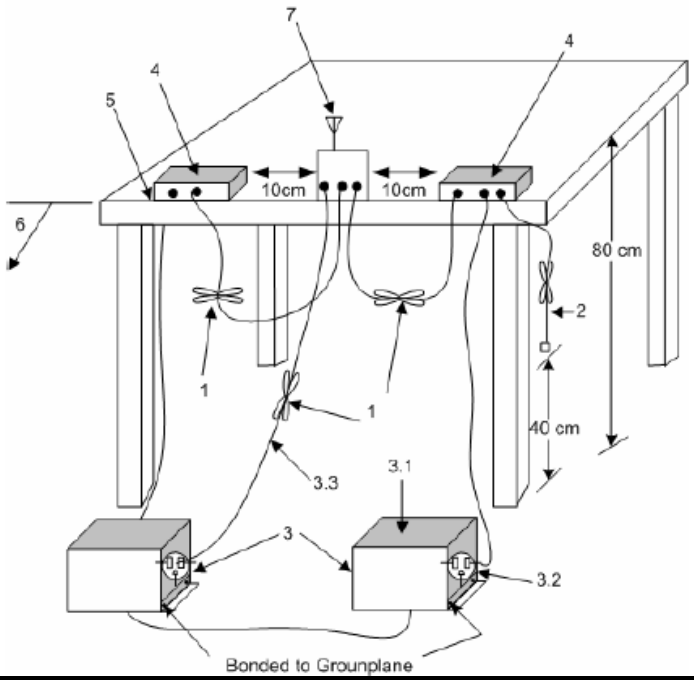
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

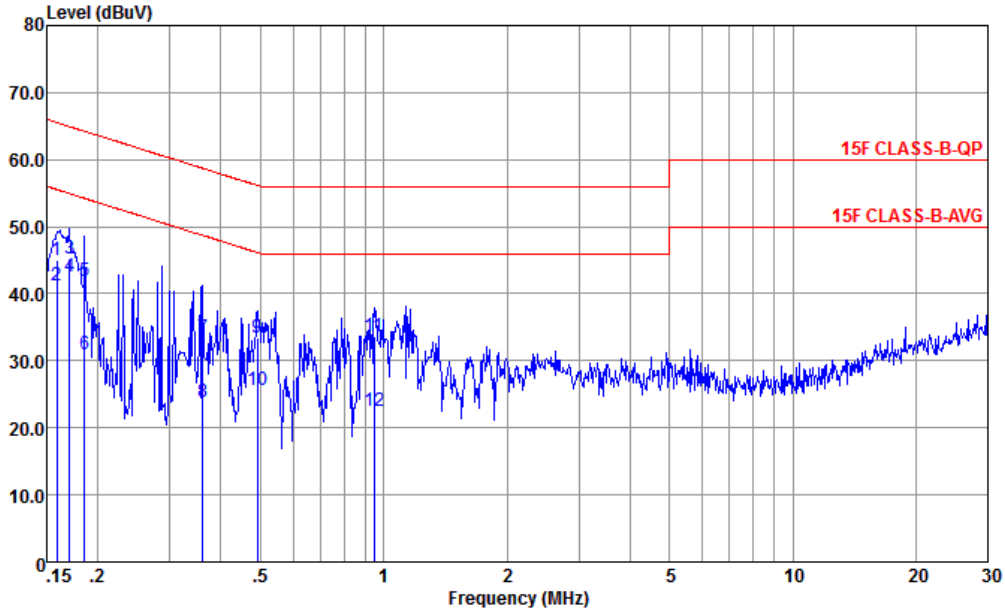
3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result

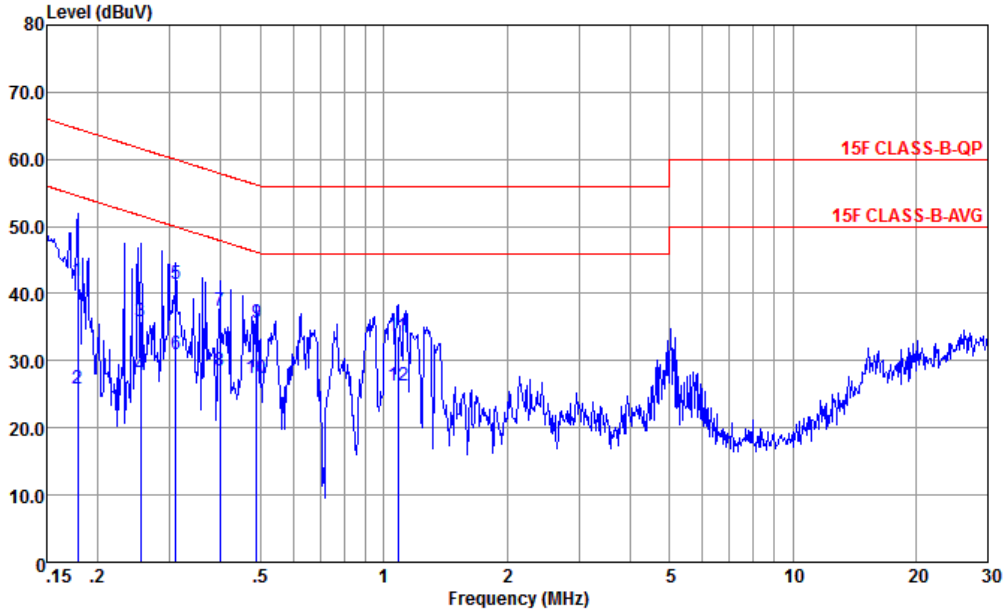
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15F CLASS-B-QP LISN-060105-L 2023 LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.159	44.96	-20.56	65.52	34.49	0.05	10.42	QP
2	0.159	41.16	-14.36	55.52	30.69	0.05	10.42	Average
3	0.170	45.26	-19.68	64.94	34.80	0.04	10.42	QP
4 *	0.170	42.66	-12.28	54.94	32.20	0.04	10.42	Average
5	0.185	41.95	-22.29	64.24	31.50	0.04	10.41	QP
6	0.185	31.05	-23.19	54.24	20.60	0.04	10.41	Average
7	0.361	33.51	-25.18	58.69	23.20	0.01	10.30	QP
8	0.361	23.91	-24.78	48.69	13.60	0.01	10.30	Average
9	0.491	33.50	-22.64	56.14	23.31	-0.03	10.22	QP
10	0.491	25.70	-20.44	46.14	15.51	-0.03	10.22	Average
11	0.948	33.60	-22.40	56.00	23.61	-0.10	10.09	QP
12	0.948	22.50	-23.50	46.00	12.51	-0.10	10.09	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15F CLASS-B-QP LISN-060105-N 2023 NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.179	41.96	-22.59	64.55	31.50	0.05	10.41	QP
2		0.179	25.96	-28.59	54.55	15.50	0.05	10.41	Average
3		0.255	35.96	-25.64	61.60	25.60	0.00	10.36	QP
4		0.255	27.86	-23.74	51.60	17.50	0.00	10.36	Average
5	*	0.310	41.49	-18.48	59.97	31.20	-0.04	10.33	QP
6		0.310	30.89	-19.08	49.97	20.60	-0.04	10.33	Average
7		0.398	37.42	-20.48	57.90	27.20	-0.06	10.28	QP
8		0.398	28.42	-19.48	47.90	18.20	-0.06	10.28	Average
9		0.489	35.66	-20.53	56.19	25.50	-0.07	10.23	QP
10		0.489	27.46	-18.73	46.19	17.30	-0.07	10.23	Average
11		1.082	33.59	-22.41	56.00	23.60	-0.10	10.09	QP
12		1.082	26.19	-19.81	46.00	16.20	-0.10	10.09	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

3.2 UWB bandwidth

3.2.1 UWB bandwidth Limit

UWB bandwidth Limit
☒ UWB bandwidth ≥ 500 MHz or Fractional bandwidth ≥ 0.2; Fractional bandwidth = $2(f_H - f_L)/(f_H + f_L)$

3.2.2 Measuring Instruments

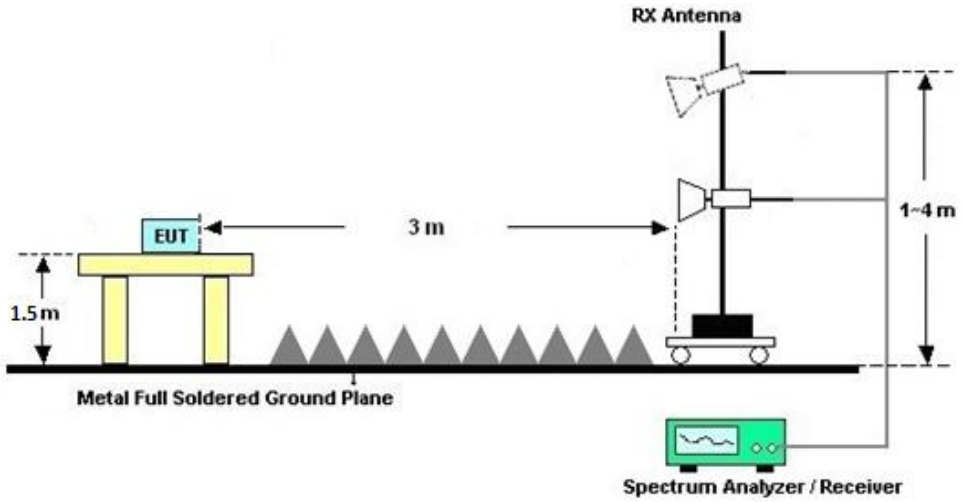
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
☒ For the UWB bandwidth shall be measured using one of the options below:	
	☒ Refer as ANSI C63.10, clause 6.9.3 and clause 10.1 for UWB bandwidth testing.

3.2.4 Test Setup

UWB Bandwidth - Test Distance: 3m



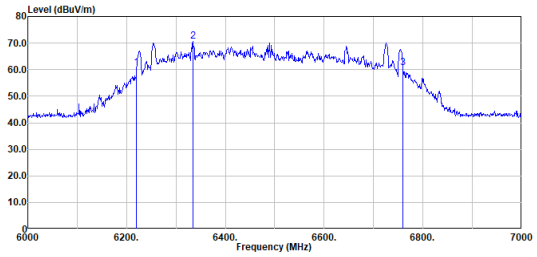
3.2.5 Test Result of UWB Bandwidth

Ant	Test Mode	Channel	Fl(MHz)	Fh(MHz)	Bandwidth(MHz)	Limit(MHz)	Result	Pol(H/V)
7	1	5	6220	6760	540	≥ 500	Pass	H
7	2	5	6221	6759	538	≥ 500	Pass	H
7	3	5	6221	6760	539	≥ 500	Pass	H
7	4	5	6224	6757	533	≥ 500	Pass	H
7	5	5	6222	6758	536	≥ 500	Pass	H
7	6	5	6221	6759	538	≥ 500	Pass	H
7	7	5	6221	6759	538	≥ 500	Pass	H
7	8	5	6222	6758	536	≥ 500	Pass	H
7	9	5	6221	6759	538	≥ 500	Pass	H
7	10	5	6220	6760	540	≥ 500	Pass	H
7	11	5	6223	6757	534	≥ 500	Pass	H
7	12	5	6221	6760	539	≥ 500	Pass	H
7	13	9	7722	8266	544	≥ 500	Pass	H
7	14	9	7735	8260	525	≥ 500	Pass	H
7	15	9	7719	8256	537	≥ 500	Pass	H
7	16	9	7751	8255	504	≥ 500	Pass	H
7	17	9	7723	8256	533	≥ 500	Pass	H
7	18	9	7719	8257	538	≥ 500	Pass	H
7	19	9	7741	8300	559	≥ 500	Pass	H
7	20	9	7745	8290	545	≥ 500	Pass	H
7	21	9	7719	8257	538	≥ 500	Pass	H
7	22	9	7725	8290	565	≥ 500	Pass	H
7	23	9	7740	8269	529	≥ 500	Pass	H
7	24	9	7718	8257	539	≥ 500	Pass	H
9	25	5	6224	6758	534	≥ 500	Pass	H
9	26	5	6222	6759	537	≥ 500	Pass	H
9	27	5	6223	6758	535	≥ 500	Pass	H
9	28	5	6254	6756	502	≥ 500	Pass	H
9	29	5	6226	6758	532	≥ 500	Pass	H
9	30	5	6222	6759	537	≥ 500	Pass	H
9	31	5	6224	6757	533	≥ 500	Pass	H
9	32	5	6221	6758	537	≥ 500	Pass	H
9	33	5	6223	6758	535	≥ 500	Pass	H
9	34	5	6225	6758	533	≥ 500	Pass	H
9	35	5	6222	6759	537	≥ 500	Pass	H
9	36	5	6222	6759	537	≥ 500	Pass	H
9	37	9	7722	8255	533	≥ 500	Pass	H
9	38	9	7720	8257	537	≥ 500	Pass	H
9	39	9	7722	8256	534	≥ 500	Pass	H
9	40	9	7752	8254	502	≥ 500	Pass	H
9	41	9	7750	8255	505	≥ 500	Pass	H
9	42	9	7723	8256	533	≥ 500	Pass	H
9	43	9	7722	8256	534	≥ 500	Pass	H
9	44	9	7719	8257	538	≥ 500	Pass	H
9	45	9	7723	8256	533	≥ 500	Pass	H
9	46	9	7722	8256	534	≥ 500	Pass	H
9	47	9	7722	8255	533	≥ 500	Pass	H
9	48	9	7723	8256	533	≥ 500	Pass	H

<Ant.7>

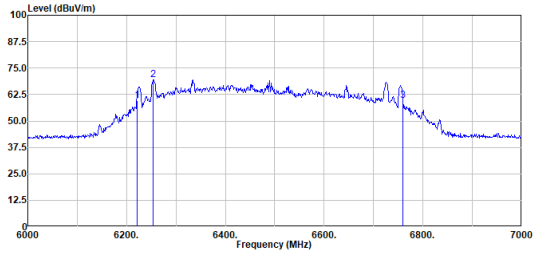
CH05 Bandwidth Plots

Mode 1: cidx-9_sts-0_packet length-127



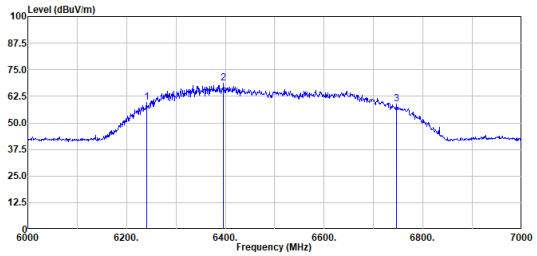
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6220.00	60.67	------	------	79.02	35.50	11.63	65.48	0.00	100	215	Peak	Horizontal
2	6334.00	70.58	------	------	88.84	35.53	11.81	65.60	0.00	100	215	Peak	Horizontal
3	6760.00	60.76	------	------	78.88	35.54	12.21	65.87	0.00	100	215	Peak	Horizontal

Mode 2: cidx-9_sts-1_packet length-127



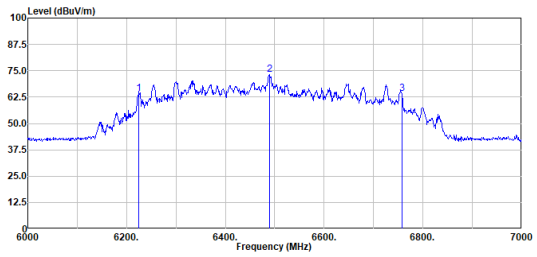
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.00	59.70	------	------	78.05	35.50	11.63	65.48	0.00	100	360	Peak	Horizontal
2	6254.00	69.50	------	------	87.84	35.50	11.68	65.52	0.00	100	360	Peak	Horizontal
3	6759.00	59.80	------	------	77.92	35.54	12.21	65.87	0.00	100	360	Peak	Horizontal

Mode 3: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6240.00	59.55	------	------	77.89	35.50	11.66	65.50	0.00	400	360	Peak	Horizontal
2	6396.00	68.65	------	------	86.81	35.60	11.90	65.66	0.00	400	360	Peak	Horizontal
3	6747.00	58.77	------	------	76.91	35.55	12.20	65.89	0.00	400	360	Peak	Horizontal

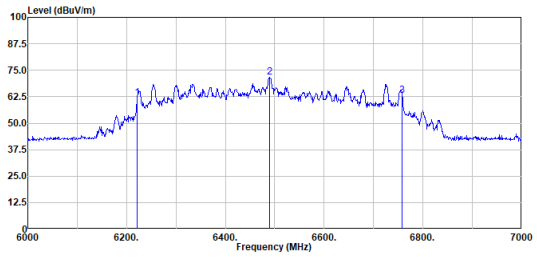
Mode 4: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6224.00	64.13	------	------	82.48	35.50	11.64	65.49	0.00	150	360	Peak	Horizontal
2	6490.00	73.25	------	------	91.51	35.51	11.99	65.76	0.00	150	360	Peak	Horizontal
3	6757.00	64.13	------	------	82.26	35.54	12.21	65.88	0.00	150	360	Peak	Horizontal

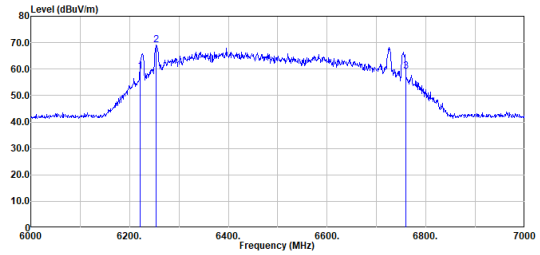
CH05 Bandwidth Plots

Mode 5: cidx-10_sts-1_packet length-127



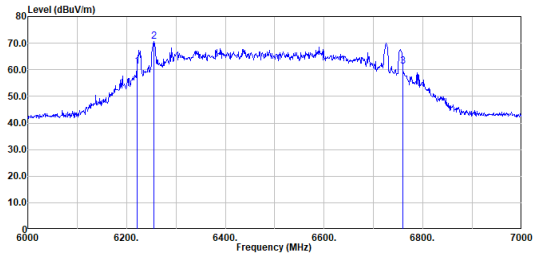
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	61.75	------	------	80.10	35.50	11.63	65.48	0.00	150	0	Peak	Horizontal
2	6489.00	71.62	------	------	89.87	35.51	11.99	65.75	0.00	150	0	Peak	Horizontal
3	6758.00	62.89	------	------	81.02	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

Mode 6: cidx-10_sts-3_packet length-0



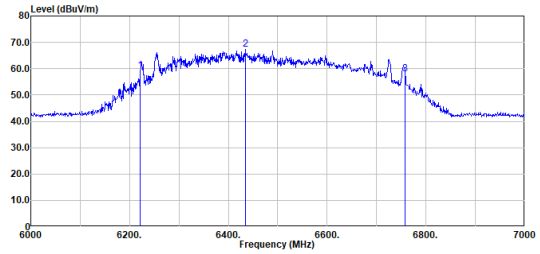
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.00	59.27	------	------	77.62	35.50	11.63	65.48	0.00	150	0	Peak	Horizontal
2	6254.00	69.13	------	------	87.47	35.50	11.68	65.52	0.00	150	0	Peak	Horizontal
3	6759.00	59.19	------	------	77.31	35.54	12.21	65.87	0.00	150	0	Peak	Horizontal

Mode 7: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.00	61.31	------	------	79.78	35.50	11.63	65.60	0.00	100	360	Peak	Horizontal
2	6255.00	70.75	------	------	89.19	35.50	11.68	65.62	0.00	100	360	Peak	Horizontal
3	6759.00	61.24	------	------	79.22	35.54	12.21	65.73	0.00	100	360	Peak	Horizontal

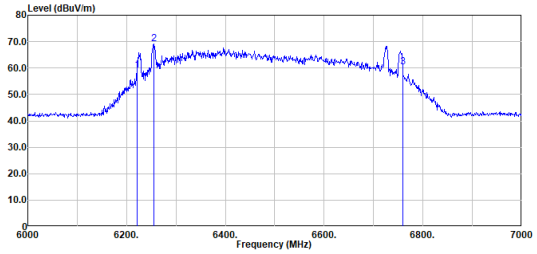
Mode 8: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	59.21	------	------	77.56	35.50	11.63	65.48	0.00	150	360	Peak	Horizontal
2	6434.00	67.21	------	------	85.40	35.57	11.94	65.70	0.00	150	360	Peak	Horizontal
3	6758.00	58.03	------	------	76.16	35.54	12.21	65.88	0.00	150	360	Peak	Horizontal

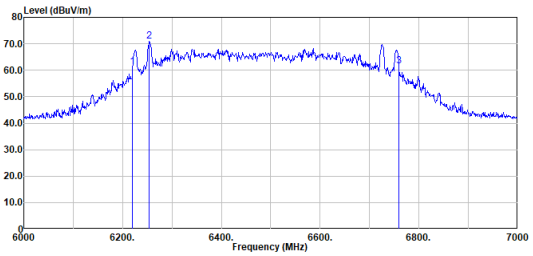
CH05 Bandwidth Plots

Mode 9: cidx-11_sts-3_packet length-0



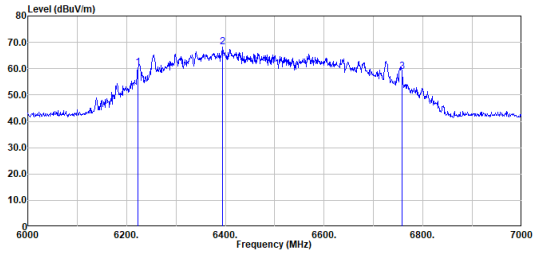
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.00	59.27	------	------	77.62	35.50	11.63	65.48	0.00	100	0	Peak	Horizontal
2	6255.00	69.18	------	------	87.52	35.50	11.68	65.52	0.00	100	0	Peak	Horizontal
3	6759.00	60.23	------	------	78.35	35.54	12.21	65.87	0.00	100	0	Peak	Horizontal

Mode 10: cidx-12_sts-0_packet length-127



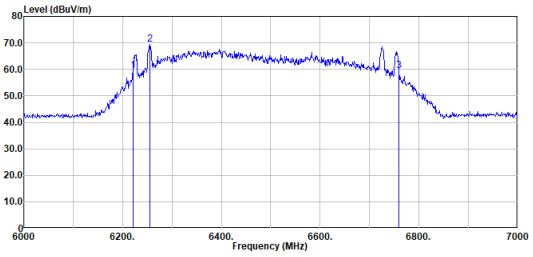
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6220.00	61.32	------	------	79.67	35.50	11.63	65.48	0.00	100	360	Peak	Vertical
2	6254.00	70.86	------	------	89.20	35.50	11.68	65.52	0.00	100	360	Peak	Vertical
3	6760.00	61.57	------	------	79.69	35.54	12.21	65.87	0.00	100	360	Peak	Vertical

Mode 11: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6223.00	60.26	------	------	78.60	35.50	11.64	65.48	0.00	150	0	Peak	Horizontal
2	6394.00	68.17	------	------	86.34	35.59	11.90	65.66	0.00	150	0	Peak	Horizontal
3	6757.00	59.01	------	------	77.14	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

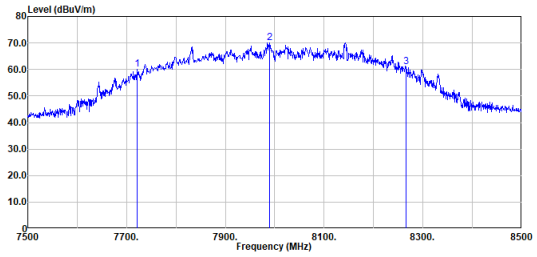
Mode 12: cidx-12_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.00	59.50	------	------	77.85	35.50	11.63	65.48	0.00	100	360	Peak	Horizontal
2	6255.00	69.44	------	------	87.78	35.50	11.68	65.52	0.00	100	360	Peak	Horizontal
3	6760.00	59.46	------	------	77.58	35.54	12.21	65.87	0.00	100	360	Peak	Horizontal

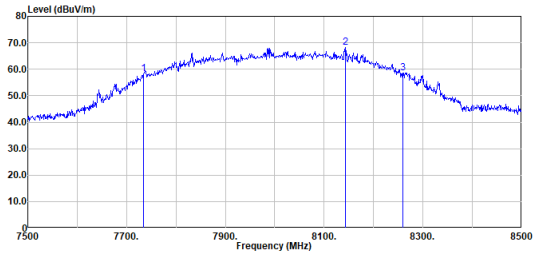
CH09 Bandwidth Plots

Mode 13: cidx-9_sts-0_packet length-127



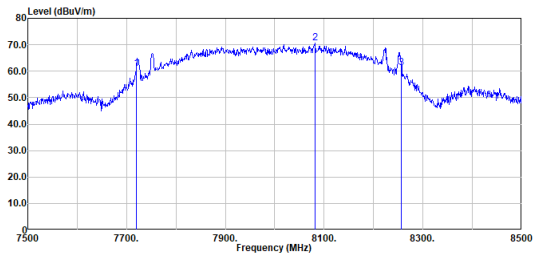
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	60.19	------	------	78.04	35.92	13.13	66.90	0.00	100	360	Peak	Horizontal
2	7990.00	70.14	------	------	87.49	36.10	13.34	66.79	0.00	100	360	Peak	Horizontal
3	8266.00	60.95	------	------	77.72	36.40	13.65	66.82	0.00	100	360	Peak	Horizontal

Mode 14: cidx-9_sts-1_packet length-127



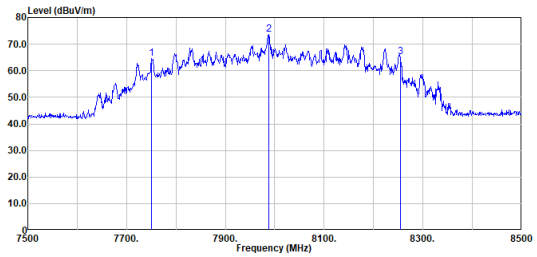
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7735.00	58.41	------	------	76.22	35.94	13.14	66.89	0.00	100	307	Peak	Horizontal
2	8143.00	68.19	------	------	85.20	36.29	13.50	66.80	0.00	100	307	Peak	Horizontal
3	8260.00	58.56	------	------	75.34	36.40	13.64	66.82	0.00	100	307	Peak	Horizontal

Mode 15: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7719.00	60.87	------	------	78.73	35.92	13.12	66.90	0.00	150	0	Peak	Horizontal
2	8081.00	70.62	------	------	87.81	36.18	13.43	66.80	0.00	150	0	Peak	Horizontal
3	8256.00	61.26	------	------	78.04	36.40	13.64	66.82	0.00	150	0	Peak	Horizontal

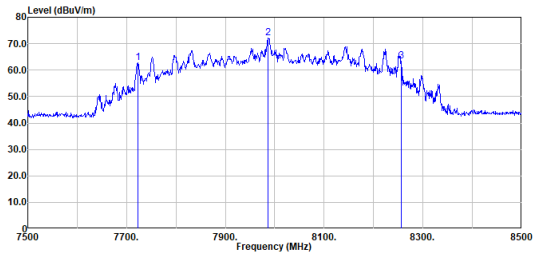
Mode 16: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7751.00	64.63	------	------	82.41	35.95	13.15	66.88	0.00	150	360	Peak	Horizontal
2	7988.00	73.55	------	------	90.90	36.10	13.34	66.79	0.00	150	360	Peak	Horizontal
3	8255.00	65.08	------	------	81.87	36.40	13.63	66.82	0.00	150	360	Peak	Horizontal

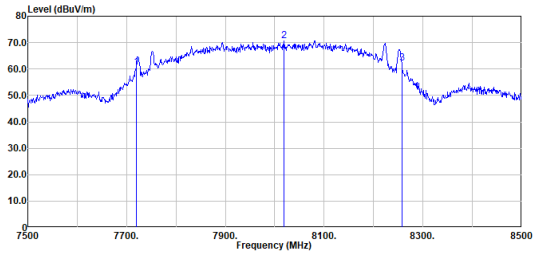
CH09 Bandwidth Plots

Mode 17: cidx-10_sts-1_packet length-127



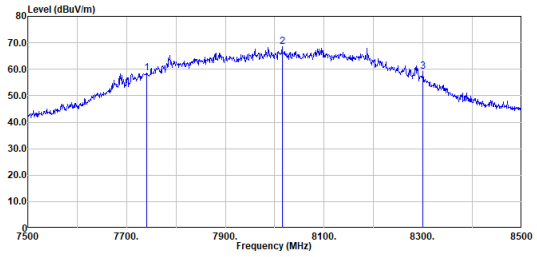
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7723.00	62.80	------	------	80.65	35.92	13.13	66.90	0.00	150	0	Peak	Horizontal
2	7987.00	72.19	------	------	89.54	36.10	13.34	66.79	0.00	150	0	Peak	Horizontal
3	8256.00	63.25	------	------	80.03	36.40	13.64	66.82	0.00	150	0	Peak	Horizontal

Mode 18: cidx-10_sts-3_packet length-0



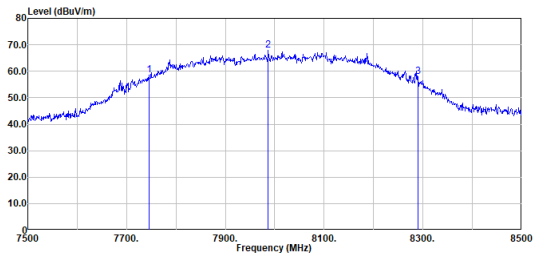
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7719.00	60.56	------	------	78.42	35.92	13.12	66.90	0.00	100	358	Peak	Horizontal
2	8018.00	70.68	------	------	87.98	36.12	13.37	66.79	0.00	100	358	Peak	Horizontal
3	8257.00	62.08	------	------	78.86	36.40	13.64	66.82	0.00	100	358	Peak	Horizontal

Mode 19: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7741.00	58.68	------	------	76.49	35.94	13.14	66.89	0.00	100	360	Peak	Horizontal
2	8015.00	68.55	------	------	85.87	36.11	13.36	66.79	0.00	100	360	Peak	Horizontal
3	8300.00	59.11	------	------	75.83	36.40	13.70	66.82	0.00	100	360	Peak	Horizontal

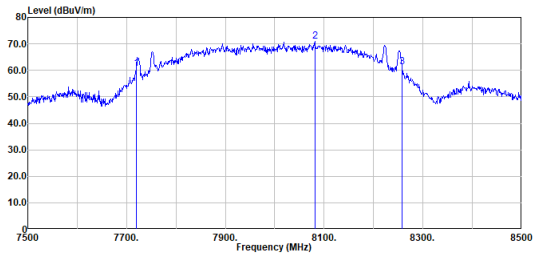
Mode 20: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7745.00	58.42	------	------	76.22	35.94	13.15	66.89	0.00	100	360	Peak	Horizontal
2	7987.00	68.00	------	------	85.35	36.10	13.34	66.79	0.00	100	360	Peak	Horizontal
3	8290.00	58.08	------	------	74.82	36.40	13.68	66.82	0.00	100	360	Peak	Horizontal

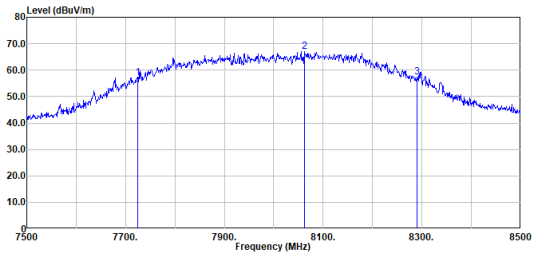
CH09 Bandwidth Plots

Mode 21: cidx-11_sts-3_packet length-0



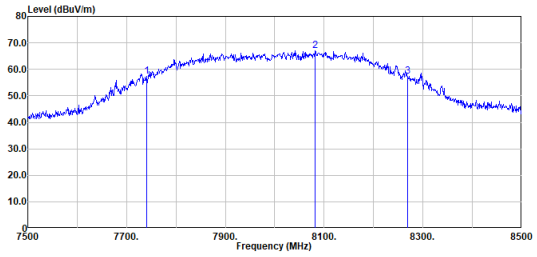
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7719.00	60.79	------	------	78.65	35.92	13.12	66.90	0.00	100	360	Peak	Horizontal
2	8081.00	70.85	------	------	88.04	36.18	13.43	66.80	0.00	100	360	Peak	Horizontal
3	8257.00	61.31	------	------	78.09	36.40	13.64	66.82	0.00	100	360	Peak	Horizontal

Mode 22: cidx-12_sts-0_packet length-127



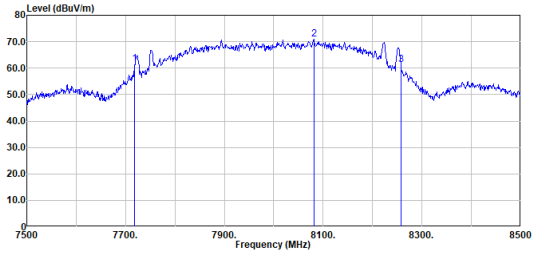
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7725.00	57.20	------	------	75.03	35.93	13.13	66.89	0.00	100	360	Peak	Horizontal
2	8063.00	67.11	------	------	84.34	36.16	13.41	66.80	0.00	100	360	Peak	Horizontal
3	8290.00	57.33	------	------	74.07	36.40	13.68	66.82	0.00	100	360	Peak	Horizontal

Mode 23: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7740.00	57.48	------	------	75.29	35.94	13.14	66.89	0.00	152	0	Peak	Horizontal
2	8081.00	67.09	------	------	84.28	36.18	13.43	66.80	0.00	152	0	Peak	Horizontal
3	8269.00	57.30	------	------	74.07	36.40	13.65	66.82	0.00	152	0	Peak	Horizontal

Mode 24: cidx-12_sts-3_packet length-0

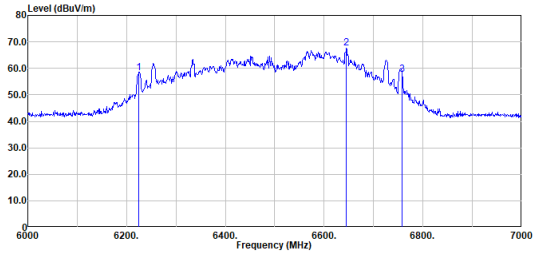


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7718.00	61.69	------	------	79.55	35.92	13.12	66.90	0.00	100	360	Peak	Horizontal
2	8081.00	70.81	------	------	88.00	36.18	13.43	66.80	0.00	100	360	Peak	Horizontal
3	8257.00	61.35	------	------	78.13	36.40	13.64	66.82	0.00	100	360	Peak	Horizontal

<Ant.9>

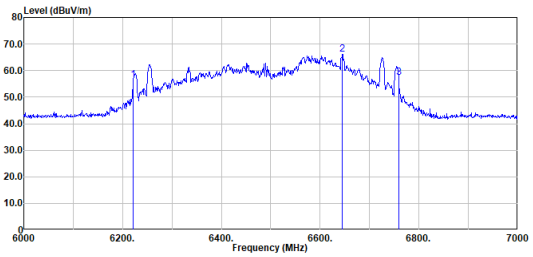
CH05 Bandwidth Plots

Mode 25: cidx-9_sts-0_packet length-127



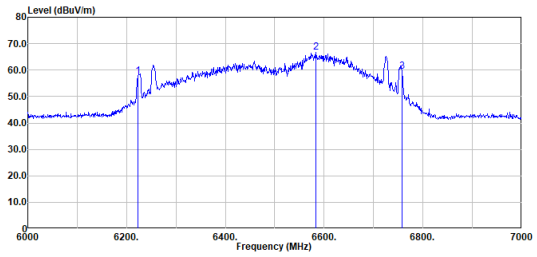
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6224.00	58.22	------	------	76.57	35.50	11.64	65.49	0.00	150	360	Peak	Horizontal
2	6645.00	67.65	------	------	85.89	35.54	12.13	65.91	0.00	150	360	Peak	Horizontal
3	6758.00	57.68	------	------	75.81	35.54	12.21	65.88	0.00	150	360	Peak	Horizontal

Mode 26: cidx-9_sts-1_packet length-127



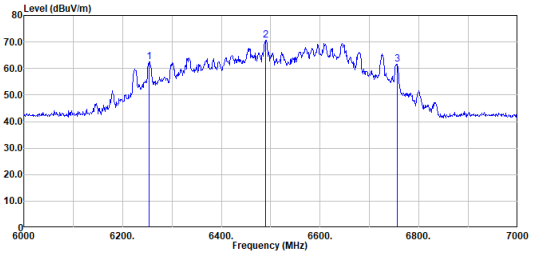
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	56.46	------	------	74.81	35.50	11.63	65.48	0.00	150	360	Peak	Horizontal
2	6645.00	66.12	------	------	84.36	35.54	12.13	65.91	0.00	150	360	Peak	Horizontal
3	6759.00	57.39	------	------	75.51	35.54	12.21	65.87	0.00	150	360	Peak	Horizontal

Mode 27: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6223.00	57.72	------	------	76.06	35.50	11.64	65.48	0.00	150	0	Peak	Horizontal
2	6584.00	66.82	------	------	85.09	35.50	12.08	65.85	0.00	150	0	Peak	Horizontal
3	6758.00	59.49	------	------	77.62	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

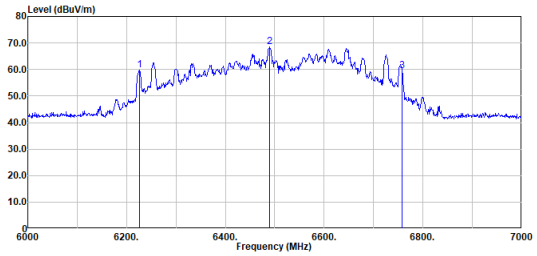
Mode 28: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6254.00	62.54	------	------	80.88	35.50	11.68	65.52	0.00	150	360	Peak	Horizontal
2	6489.00	70.65	------	------	88.90	35.51	11.99	65.75	0.00	150	360	Peak	Horizontal
3	6756.00	61.55	------	------	79.68	35.54	12.21	65.88	0.00	150	360	Peak	Horizontal

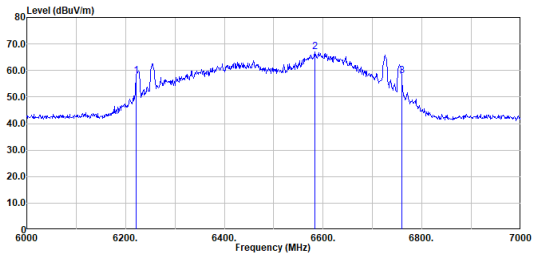
CH05 Bandwidth Plots

Mode 29: cidx-10_sts-1_packet length-127



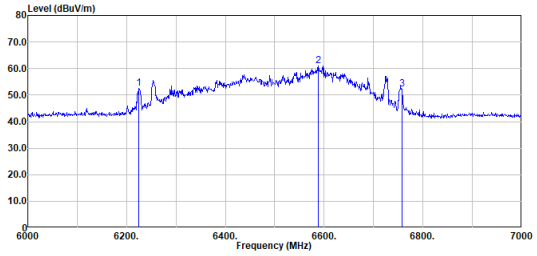
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6226.00	59.83	------	------	78.18	35.50	11.64	65.49	0.00	150	0	Peak	Horizontal
2	6490.00	68.56	------	------	86.82	35.51	11.99	65.76	0.00	150	0	Peak	Horizontal
3	6758.00	59.48	------	------	77.61	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

Mode 30: cidx-10_sts-3_packet length-0



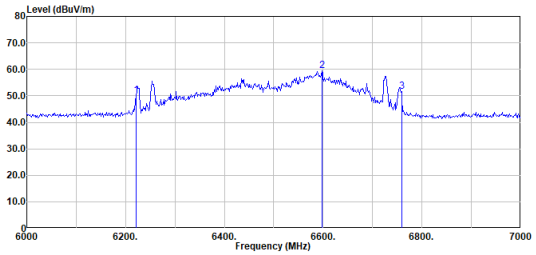
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	57.86	------	------	76.21	35.50	11.63	65.48	0.00	150	360	Peak	Horizontal
2	6584.00	67.10	------	------	85.37	35.50	12.08	65.85	0.00	150	360	Peak	Horizontal
3	6759.00	57.94	------	------	76.06	35.54	12.21	65.87	0.00	150	360	Peak	Horizontal

Mode 31: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6224.00	52.59	------	------	70.94	35.50	11.64	65.49	0.00	150	0	Peak	Horizontal
2	6588.00	60.93	------	------	79.21	35.50	12.08	65.86	0.00	150	0	Peak	Horizontal
3	6757.00	52.12	------	------	70.25	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

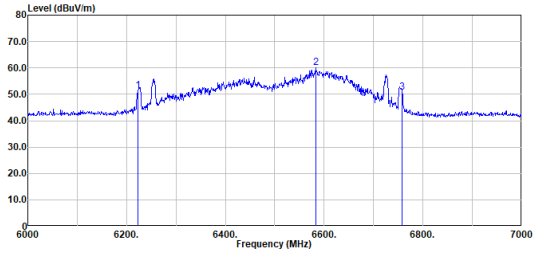
Mode 32: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6221.43	49.98	------	------	68.33	35.50	11.63	65.48	0.00	150	360	Peak	Horizontal
2	6597.14	59.48	------	------	77.75	35.50	12.09	65.86	0.00	150	360	Peak	Horizontal
3	6758.57	51.55	------	------	69.67	35.54	12.21	65.87	0.00	150	360	Peak	Horizontal

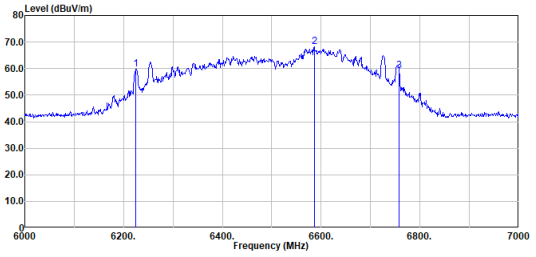
CH05 Bandwidth Plots

Mode 33: cidx-11_sts-3_packet length-0



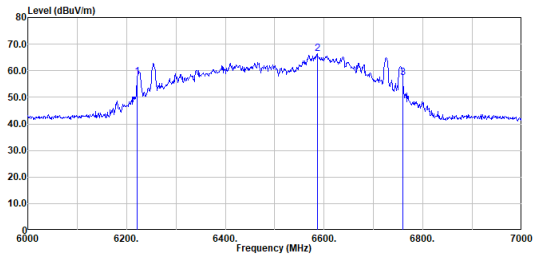
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6223.00	51.40	------	------	69.74	35.50	11.64	65.48	0.00	150	0	Peak	Horizontal
2	6583.00	60.18	------	------	78.45	35.50	12.08	65.85	0.00	150	0	Peak	Horizontal
3	6758.00	50.67	------	------	68.80	35.54	12.21	65.88	0.00	150	0	Peak	Horizontal

Mode 34: cidx-12_sts-0_packet length-127



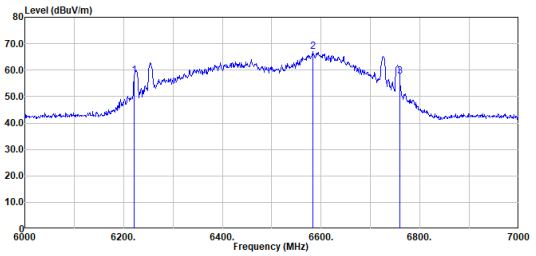
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6225.00	59.89	------	------	78.24	35.50	11.64	65.49	0.00	150	360	Peak	Horizontal
2	6586.00	68.36	------	------	86.63	35.50	12.08	65.85	0.00	150	360	Peak	Horizontal
3	6758.00	59.29	------	------	77.42	35.54	12.21	65.88	0.00	150	360	Peak	Horizontal

Mode 35: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	57.77	------	------	76.12	35.50	11.63	65.48	0.00	150	0	Peak	Horizontal
2	6586.00	66.39	------	------	84.66	35.50	12.08	65.85	0.00	150	0	Peak	Horizontal
3	6759.00	57.26	------	------	75.38	35.54	12.21	65.87	0.00	150	0	Peak	Horizontal

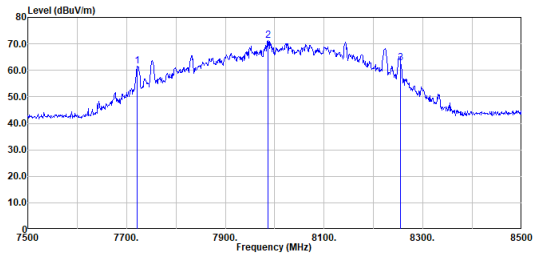
Mode 36: cidx-12_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6222.00	57.97	------	------	76.32	35.50	11.63	65.48	0.00	150	360	Peak	Horizontal
2	6583.00	67.14	------	------	85.41	35.50	12.08	65.85	0.00	150	360	Peak	Horizontal
3	6759.00	57.76	------	------	75.88	35.54	12.21	65.87	0.00	150	360	Peak	Horizontal

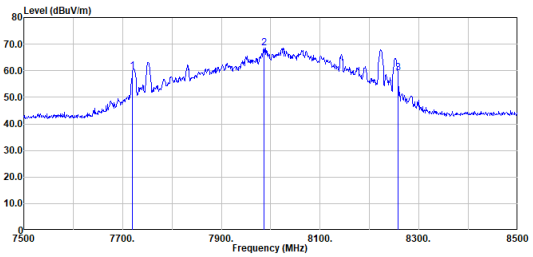
CH09 Bandwidth Plots

Mode 37: cidx-9_sts-0_packet length-127



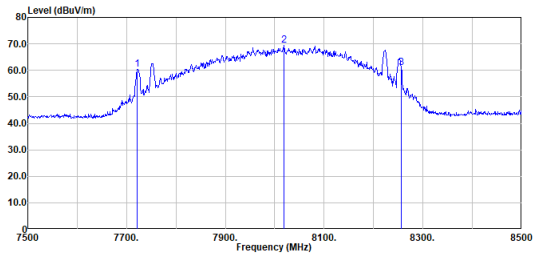
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	61.44	------	------	79.29	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	7987.00	71.31	------	------	88.66	36.10	13.34	66.79	0.00	150	360	Peak	Horizontal
3	8255.00	62.90	------	------	79.69	36.40	13.63	66.82	0.00	150	360	Peak	Horizontal

Mode 38: cidx-9_sts-1_packet length-127



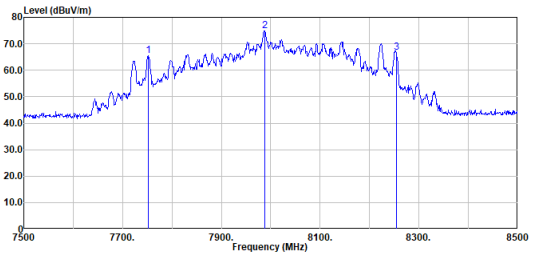
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7720.00	59.69	------	------	77.54	35.92	13.13	66.90	0.00	150	0	Peak	Horizontal
2	7987.00	68.60	------	------	85.95	36.10	13.34	66.79	0.00	150	0	Peak	Horizontal
3	8257.00	59.30	------	------	76.08	36.40	13.64	66.82	0.00	150	0	Peak	Horizontal

Mode 39: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	60.45	------	------	78.30	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	8018.00	69.42	------	------	86.72	36.12	13.37	66.79	0.00	150	360	Peak	Horizontal
3	8256.00	60.99	------	------	77.77	36.40	13.64	66.82	0.00	150	360	Peak	Horizontal

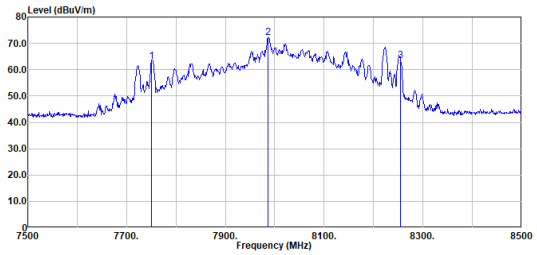
Mode 40: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7752.00	65.43	------	------	83.21	35.95	13.15	66.88	0.00	150	360	Peak	Horizontal
2	7988.00	74.94	------	------	92.29	36.10	13.34	66.79	0.00	150	360	Peak	Horizontal
3	8254.00	66.63	------	------	83.42	36.40	13.63	66.82	0.00	150	360	Peak	Horizontal

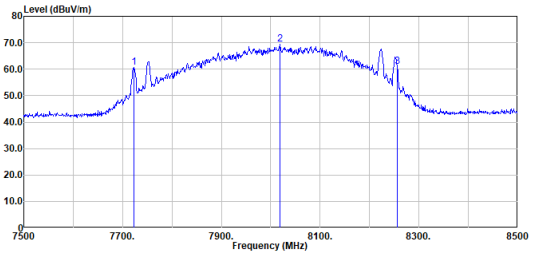
CH09 Bandwidth Plots

Mode 41: cidx-10_sts-1_packet length-127



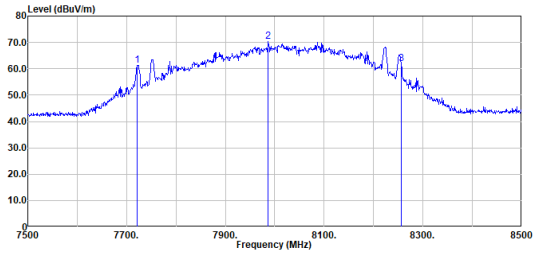
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7750.00	63.09	------	------	80.88	35.95	13.15	66.89	0.00	150	0	Peak	Horizontal
2	7987.00	72.23	------	------	89.58	36.10	13.34	66.79	0.00	150	0	Peak	Horizontal
3	8255.00	63.54	------	------	80.33	36.40	13.63	66.82	0.00	150	0	Peak	Horizontal

Mode 42: cidx-10_sts-3_packet length-0



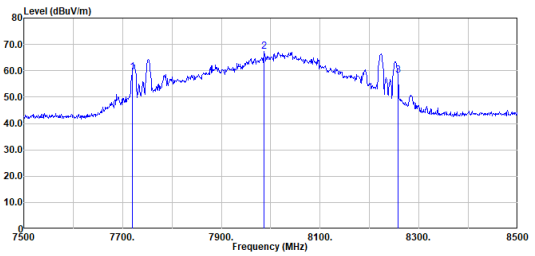
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7723.00	60.56	------	------	78.41	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	8018.00	69.38	------	------	86.68	36.12	13.37	66.79	0.00	150	360	Peak	Horizontal
3	8256.00	60.89	------	------	77.67	36.40	13.64	66.82	0.00	150	360	Peak	Horizontal

Mode 43: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	61.41	------	------	79.26	35.92	13.13	66.90	0.00	150	0	Peak	Horizontal
2	7987.00	70.26	------	------	87.61	36.10	13.34	66.79	0.00	150	0	Peak	Horizontal
3	8256.00	61.80	------	------	78.58	36.40	13.64	66.82	0.00	150	0	Peak	Horizontal

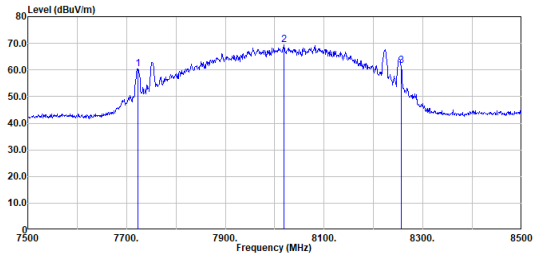
Mode 44: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7719.00	59.57	------	------	77.43	35.92	13.12	66.90	0.00	150	360	Peak	Horizontal
2	7987.00	67.22	------	------	84.57	36.10	13.34	66.79	0.00	150	360	Peak	Horizontal
3	8257.00	58.32	------	------	75.10	36.40	13.64	66.82	0.00	150	360	Peak	Horizontal

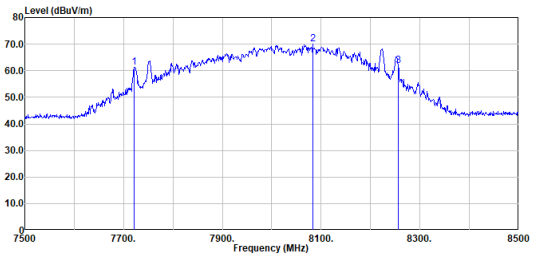
CH09 Bandwidth Plots

Mode 45: cidx-11_sts-3_packet length-0



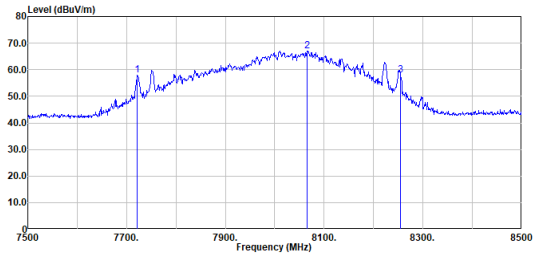
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7723.00	60.30	------	------	78.15	35.92	13.13	66.90	0.00	150	0	Peak	Horizontal
2	8019.00	69.40	------	------	86.70	36.12	13.37	66.79	0.00	150	0	Peak	Horizontal
3	8256.00	61.52	------	------	78.30	36.40	13.64	66.82	0.00	150	0	Peak	Horizontal

Mode 46: cidx-12_sts-0_packet length-127



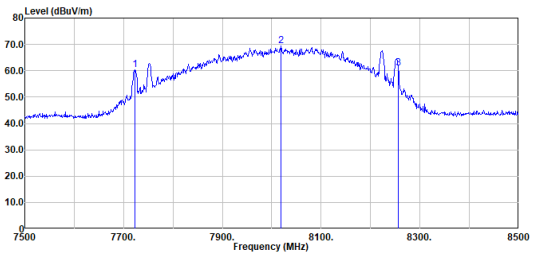
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	61.23	------	------	79.08	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	8083.00	70.14	------	------	87.32	36.18	13.44	66.80	0.00	150	360	Peak	Horizontal
3	8256.00	62.00	------	------	78.78	36.40	13.64	66.82	0.00	150	360	Peak	Horizontal

Mode 47: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7722.00	57.90	------	------	75.75	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	8065.00	67.13	------	------	84.34	36.17	13.42	66.80	0.00	150	360	Peak	Horizontal
3	8255.00	58.05	------	------	74.84	36.40	13.63	66.82	0.00	150	360	Peak	Horizontal

Mode 48: cidx-12_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7723.00	60.48	------	------	78.33	35.92	13.13	66.90	0.00	150	360	Peak	Horizontal
2	8019.00	69.40	------	------	86.70	36.12	13.37	66.79	0.00	150	360	Peak	Horizontal
3	8256.00	61.13	------	------	77.91	36.40	13.64	66.82	0.00	150	360	Peak	Horizontal

3.3 Technical requirements for hand held UWB systems

3.3.1 Technical Requirements for transmission Limit

FCC 15.519(a) (1) A UWB device operating under the provisions of this section shall transmit only when it is sending information to an associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgment of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.

3.3.2 Measuring Instruments

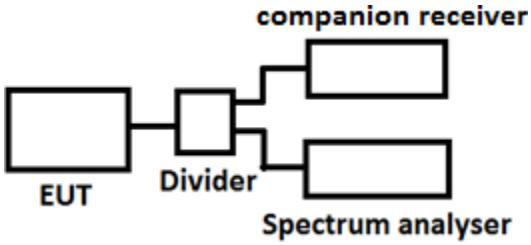
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedure

Follow the test step as below:

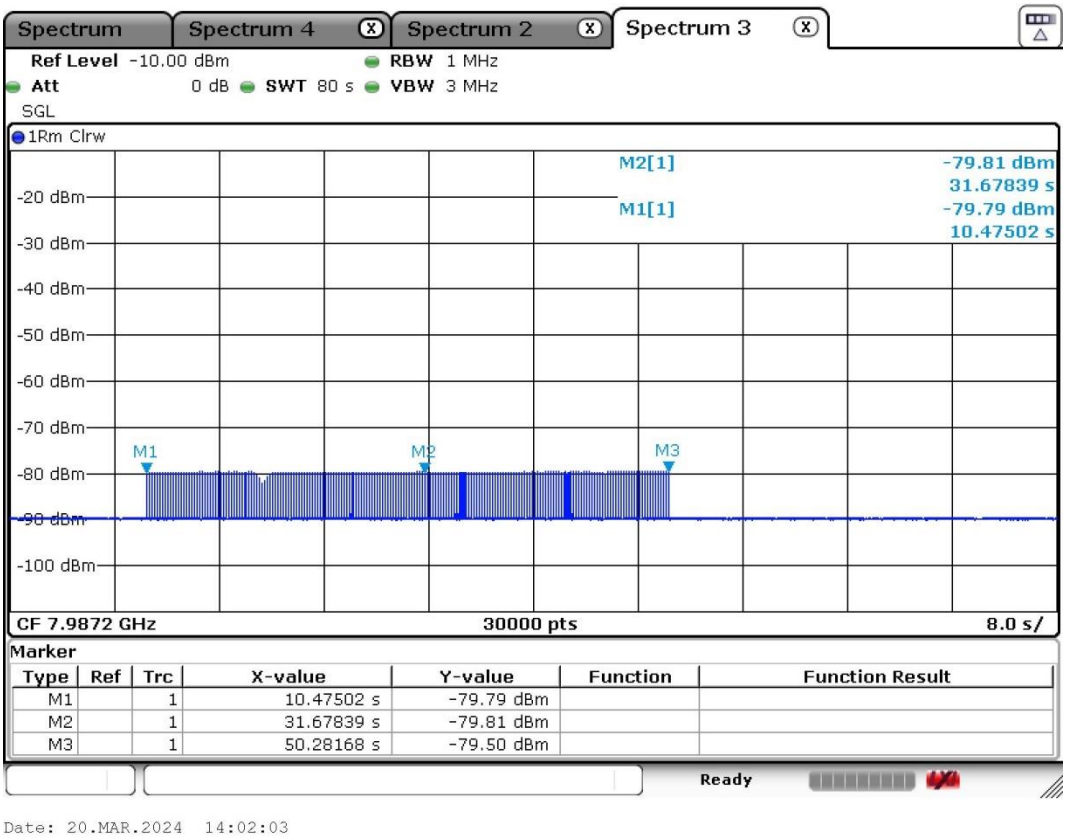
1. Turn on both EUT and companion receiver.
2. Set the EUT to TX mode, and EUT starts polling.
3. Set the companion receiver to associate EUT and EUT starts to transmit.
4. Disable the TX function of EUT.
5. Check if EUT stop transmitting once step 4 is made. (see plot 1 in clause 3.3.5)
6. Turn off both EUT and companion receiver.
7. Repeat step 1 to step 3.
8. Disable the RX function of the companion receiver to disassociate the EUT.
9. Check if EUT stop transmitting once step 8 is made. (see plot 2 in clause 3.3.5)

3.3.4 Test Setup



3.3.5 Test Result

Plot 1

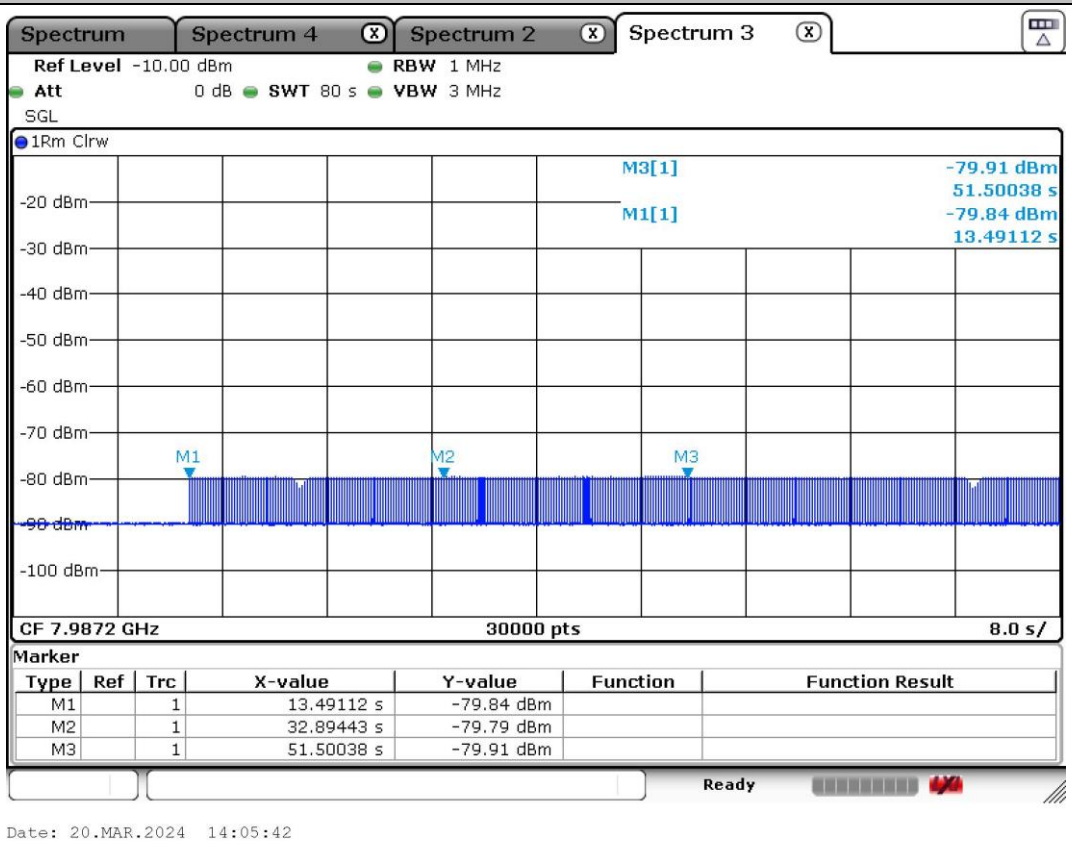


M1 to M2: Set the EUT to TX mode, and EUT starts polling.

M2 to M3: Set the companion receiver to associate EUT and EUT starts to transmit.

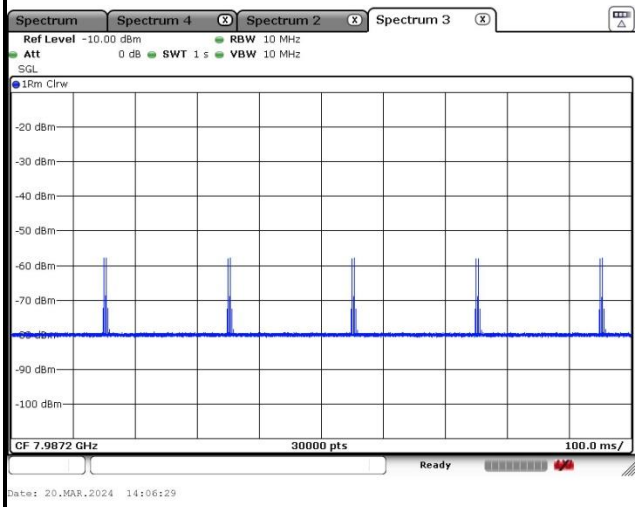
M3: Disable the TX function of EUT. EUT stops transmitting and polling.

Plot 2

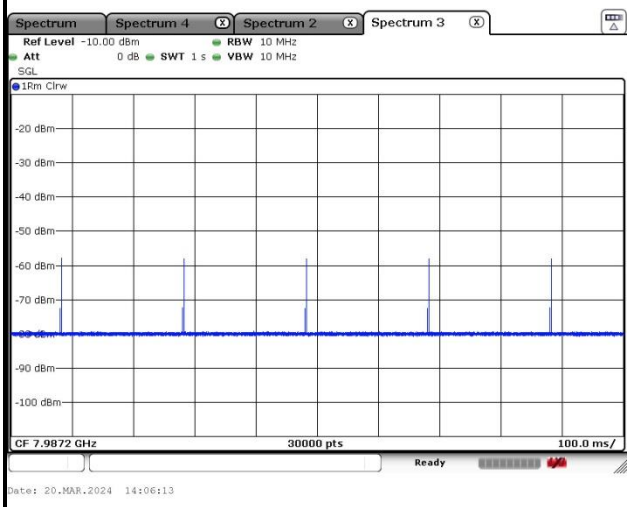


M1 to M2: Set the EUT to TX mode, and EUT starts polling.
M2 to M3: Set the companion receiver to associate EUT and EUT starts to transmit.
M3: RX function of the companion receiver is disabled. EUT disassociates the companion receiver and stops transmitting, but continues polling.

Plot 3



Plot 4



Plot 3 is zoom in plot of M2 to M3 (transmission)
Plot 4 is zoom in plot after M3 (polling only)

3.4 Peak Power Measurement

3.4.1 Peak Power Measurement Limit

Peak Power Measurement Limit
P_{eirp} = 0 dBm/50MHz

3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

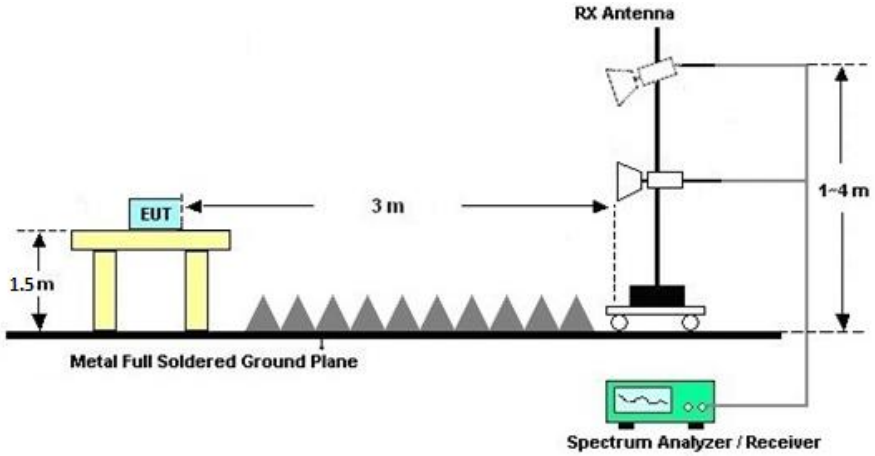
Test Method		
☒	Peak Power Measurement	
	☒	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
	☒	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m
	☒	Refer as ANSI C63.10, clause 10.3.5 for peak detector procedure testing
	☒	Refer as ANSI C63.10, clause 10.3.6 for bandwidth conversion of peak power

☒ Frequency of max peak power is pre-located:
The span bandwidth is continuously reduced to find the worst frequency. Once the worst frequency is found, the setting of spectrum analyzer is set as below:

- Central frequency: Worst frequency point
- Span: Zero span
- RBW: 40MHz
- VBW: 40MHz
- Detector: Peak detector
- Trace: Max hold

3.4.4 Test Setup

Peak Power Measurement



3.4.5 Test Result of Peak Power Measurement

<Ant.7>

Peak Measurement Result								
Mode	**Freq. (MHz)**	**E-Field (dBuV/m)**	**$ERIP_{40MHz}$ (dBm)**	**$ERIP_{50MHz}$ (dBm)**	**$EIRP_{40MHz}$ Limit (dBm)**	**Margin [dB]**	**Result**	**Pol [H/V]**
1	6564	88.87	-6.33	0	-1.94	-4.39	Pass	H
2	6566	87.79	-7.41	0	-1.94	-5.47	Pass	H
3	6583	80.44	-14.76	0	-1.94	-12.82	Pass	H
4	6594	87.22	-7.98	0	-1.94	-6.04	Pass	H
5	6570	88.66	-6.54	0	-1.94	-4.6	Pass	H
6	6583	80.21	-14.99	0	-1.94	-13.05	Pass	H
7	6592	89.36	-5.84	0	-1.94	-3.9	Pass	H
8	6386	89.87	-5.33	0	-1.94	-3.39	Pass	H
9	6396	82.13	-13.07	0	-1.94	-11.13	Pass	H
10	6585.6	89.49	-5.71	0	-1.94	-3.77	Pass	H
11	6421	90.9	-4.3	0	-1.94	-2.36	Pass	H
12	6583	80.66	-14.54	0	-1.94	-12.6	Pass	H
13	7989	92.95	-2.25	0	-1.94	-0.31	Pass	H
14	7987	92.21	-2.99	0	-1.94	-1.05	Pass	H
15	8080	83.4	-11.8	0	-1.94	-9.86	Pass	H
16	7987.4	92.78	-2.42	0	-1.94	-0.48	Pass	H
17	7987	92.94	-2.26	0	-1.94	-0.32	Pass	H
18	8080	83.02	-12.18	0	-1.94	-10.24	Pass	H
19	8089	90.83	-4.37	0	-1.94	-2.43	Pass	H
20	8080	88.65	-6.55	0	-1.94	-4.61	Pass	H
21	8090	83.28	-11.92	0	-1.94	-9.98	Pass	H
22	8083	90.75	-4.45	0	-1.94	-2.51	Pass	H
23	8089	89.48	-5.72	0	-1.94	-3.78	Pass	H
24	8089	82.41	-12.79	0	-1.94	-10.85	Pass	H

Note 1: EIRP [dBm] = E-Field [dBuV/m] - 95.2;
Note 2: Bandwidth Correction Factor (BWCF) = 20 log (40MHz/50MHz).
Note 3: $EIRP_{40MHz}$ Limit = $EIRP_{50MHz}$ Limit + BWCF, FCC Part 15.521(g).
Note 4: Measurement worst emissions of receive antenna polarization.

<Ant.9>

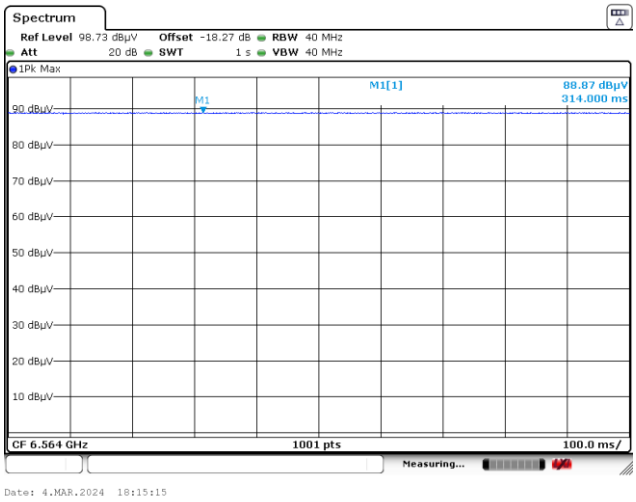
Peak Measurement Result								
Mode	Freq. (MHz)	E-Field (dBuV/m)	$ERIP_{40MHz}$ (dBm)	$ERIP_{50MHz}$ (dBm)	$EIRP_{40MHz}$ Limit (dBm)	Margin [dB]	Result	Pol [H/V]
25	6603	88.94	-6.26	0	-1.94	-4.32	Pass	H
26	6588	85.55	-9.65	0	-1.94	-7.71	Pass	H
27	6583	80.14	-15.06	0	-1.94	-13.12	Pass	H
28	6594	88.32	-6.88	0	-1.94	-4.94	Pass	H
29	6607	88.46	-6.74	0	-1.94	-4.8	Pass	H
30	6583	80.12	-15.08	0	-1.94	-13.14	Pass	H
31	6596	89.63	-5.57	0	-1.94	-3.63	Pass	H
32	6596	87.89	-7.31	0	-1.94	-5.37	Pass	H
33	6583	80.14	-15.06	0	-1.94	-13.12	Pass	H
34	6585	89.5	-5.7	0	-1.94	-3.76	Pass	H
35	6585	88.08	-7.12	0	-1.94	-5.18	Pass	H
36	6583	80.02	-15.18	0	-1.94	-13.24	Pass	H
37	8026	90.84	-4.36	0	-1.94	-2.42	Pass	H
38	8022	89.1	-6.1	0	-1.94	-4.16	Pass	H
39	8018	82.8	-12.4	0	-1.94	-10.46	Pass	H
40	7987	92.91	-2.29	0	-1.94	-0.35	Pass	H
41	8019	90.42	-4.78	0	-1.94	-2.84	Pass	H
42	8018	82.6	-12.6	0	-1.94	-10.66	Pass	H
43	8018	89.29	-5.91	0	-1.94	-3.97	Pass	H
44	8018	87.66	-7.54	0	-1.94	-5.6	Pass	H
45	8018	82.95	-12.25	0	-1.94	-10.31	Pass	H
46	8011	89.37	-5.83	0	-1.94	-3.89	Pass	H
47	8022	89.55	-5.65	0	-1.94	-3.71	Pass	H
48	8018	82.23	-12.97	0	-1.94	-11.03	Pass	H

Note 1: EIRP [dBm] = E-Field [dBuV/m] - 95.2;
Note 2: Bandwidth Correction Factor (BWCF) = 20 log (40MHz/50MHz).
Note 3: $EIRP_{40MHz}$ Limit = $EIRP_{50MHz}$ Limit + BWCF, FCC Part 15.521(g).
Note 4: Measurement worst emissions of receive antenna polarization.

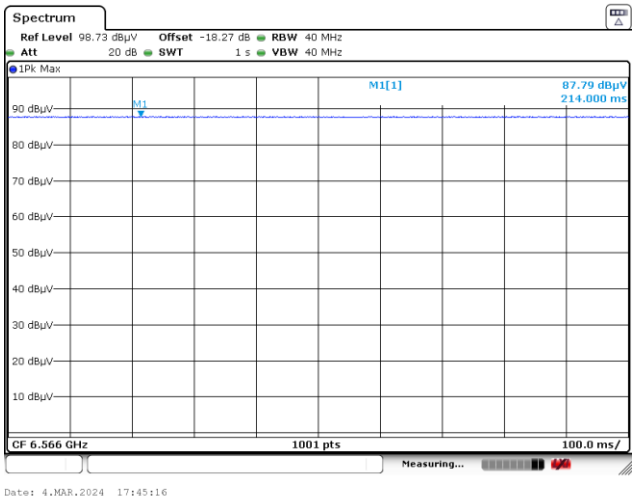
<Ant.7>

CH05 Peak Power Measurement Plots

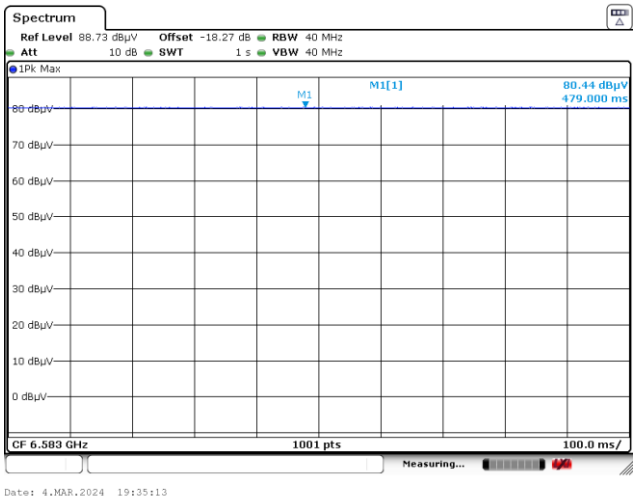
Mode 1: cidx-9_sts-0_packet length-127



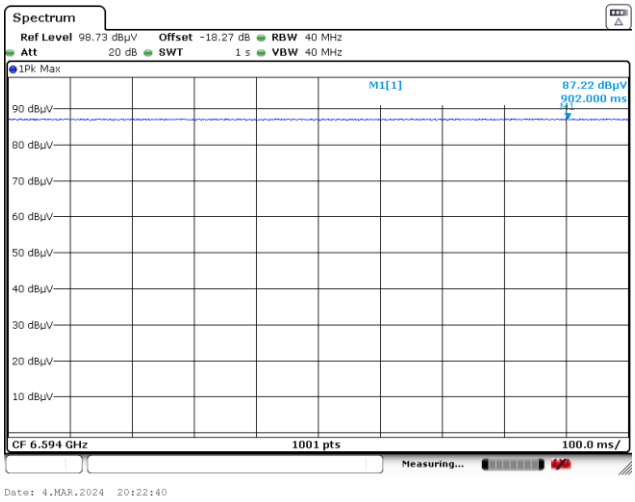
Mode 2: cidx-9_sts-1_packet length-127



Mode 3: cidx-9_sts-3_packet length-0

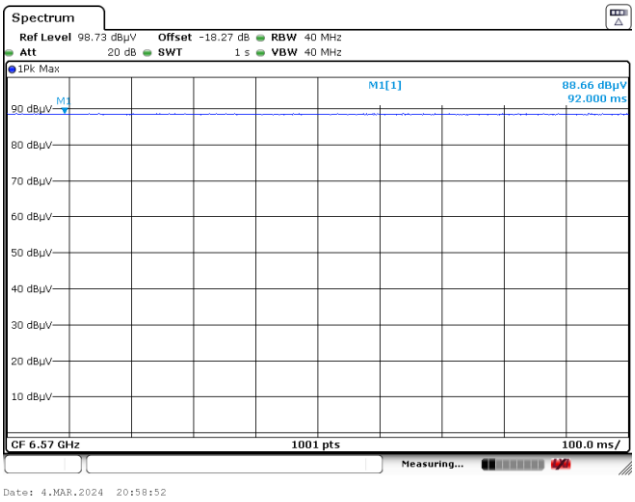


Mode 4: cidx-10_sts-0_packet length-127

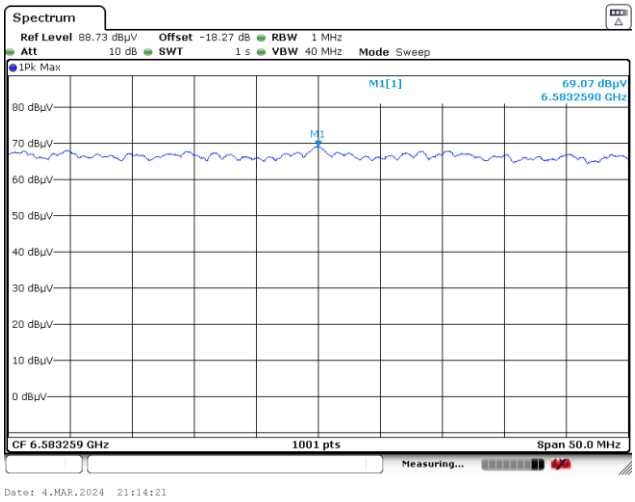


CH05 Peak Power Measurement Plots

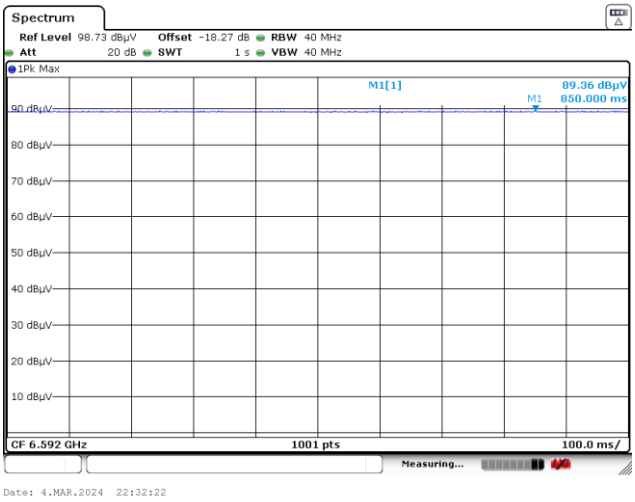
Mode 5: cidx-10_sts-1_packet length-127



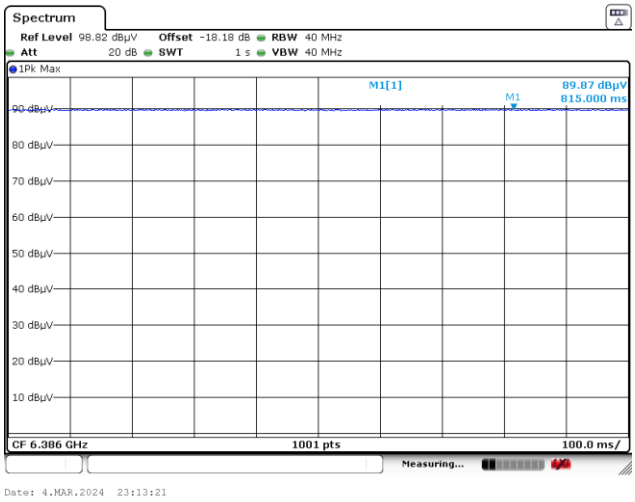
Mode 6: cidx-10_sts-3_packet length-0



Mode 7: cidx-11_sts-0_packet length-127

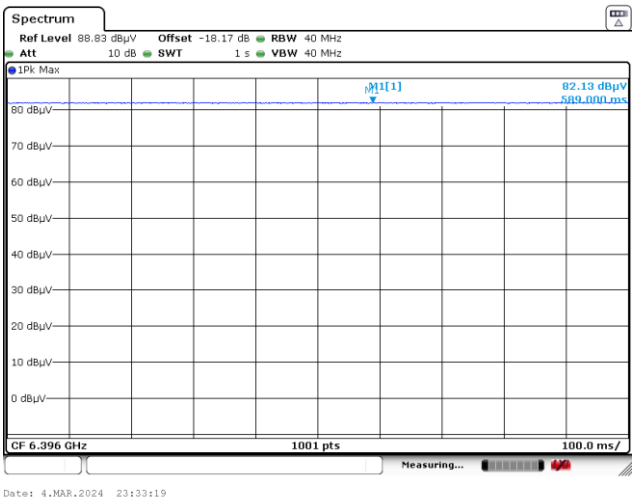


Mode 8: cidx-11_sts-1_packet length-127

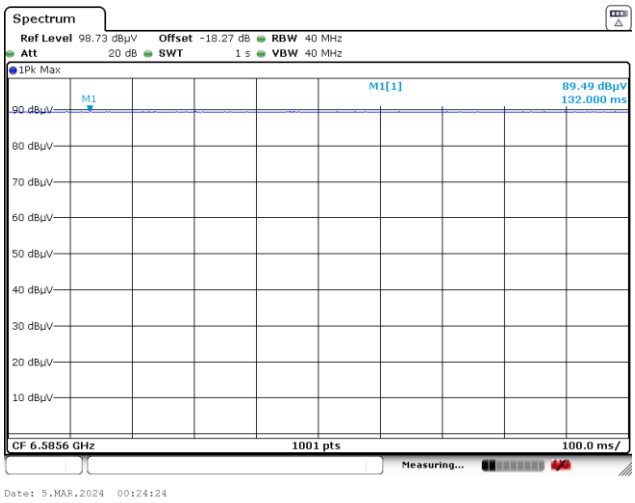


CH05 Peak Power Measurement Plots

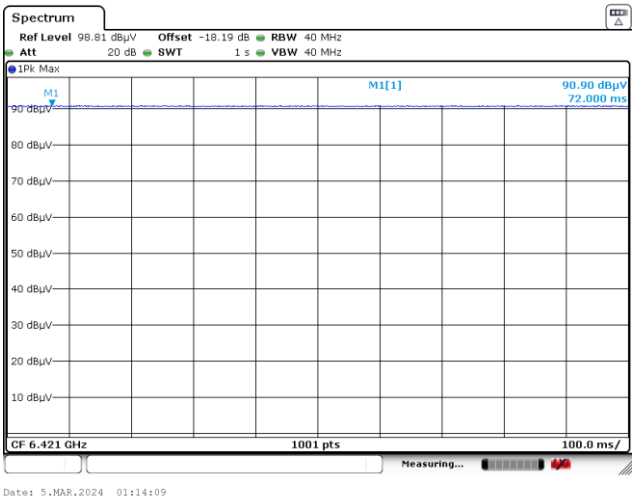
Mode 9: cidx-11_sts-3_packet length-0



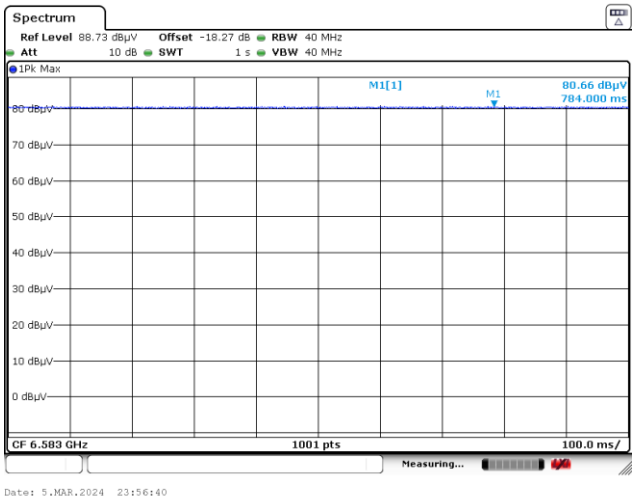
Mode 10: cidx-12_sts-0_packet length-127



Mode 11: cidx-12_sts-1_packet length-127

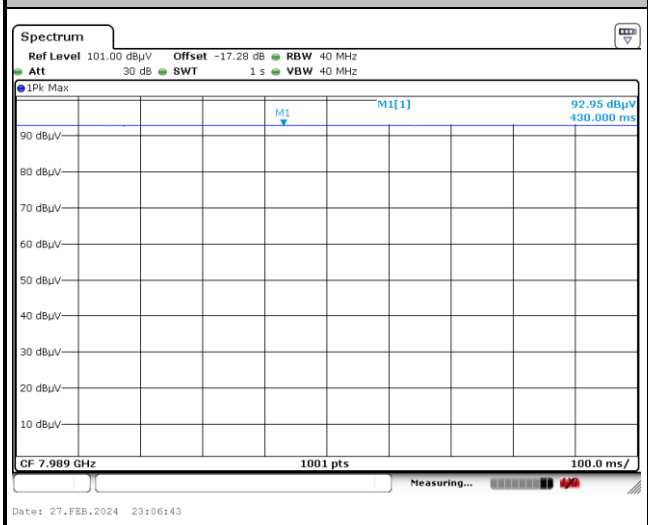


Mode 12: cidx-12_sts-3_packet length-0

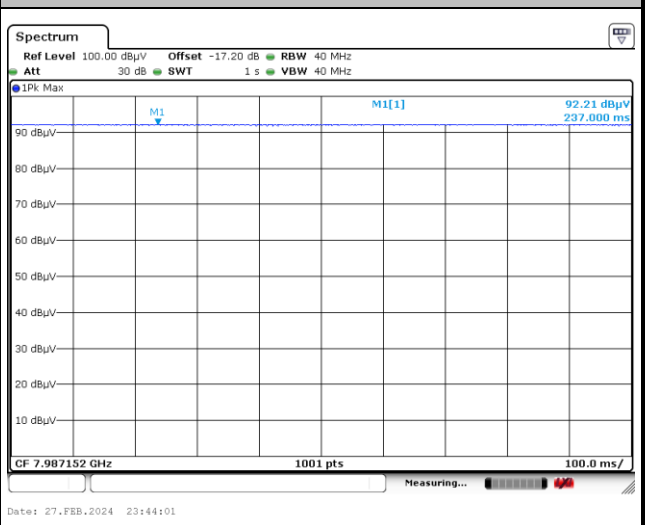


CH09 Peak Power Measurement Plots

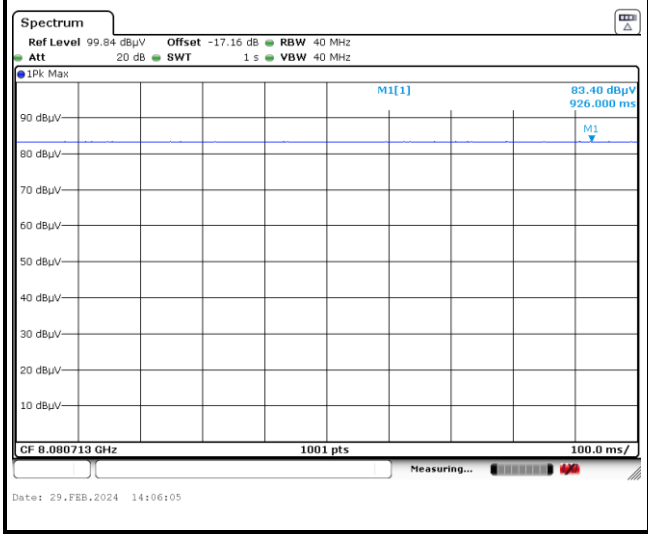
Mode 13: cidx-9_sts-0_packet length-127



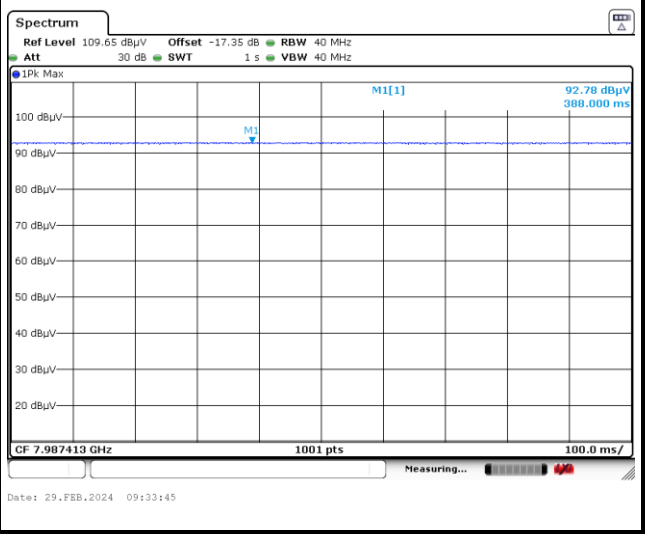
Mode 14: cidx-9_sts-1_packet length-127



Mode 15: cidx-9_sts-3_packet length-0

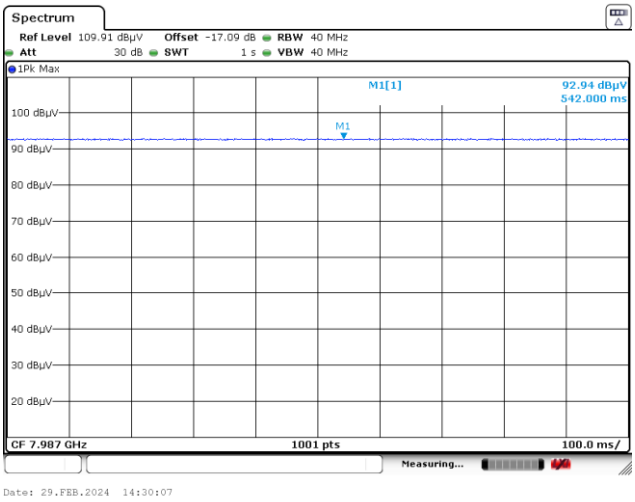


Mode 16: cidx-10_sts-0_packet length-127

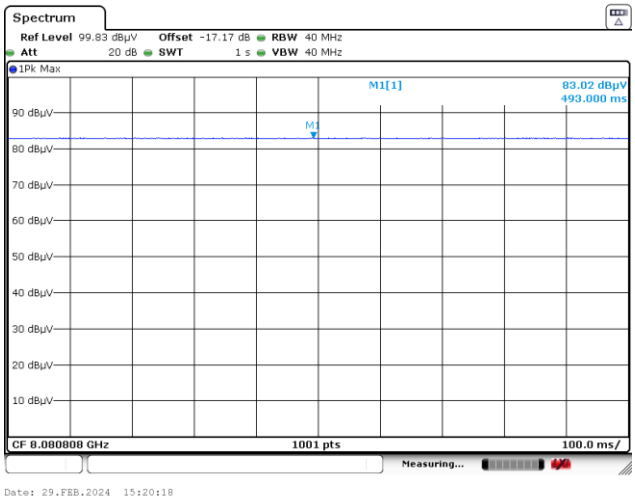


CH09 Peak Power Measurement Plots

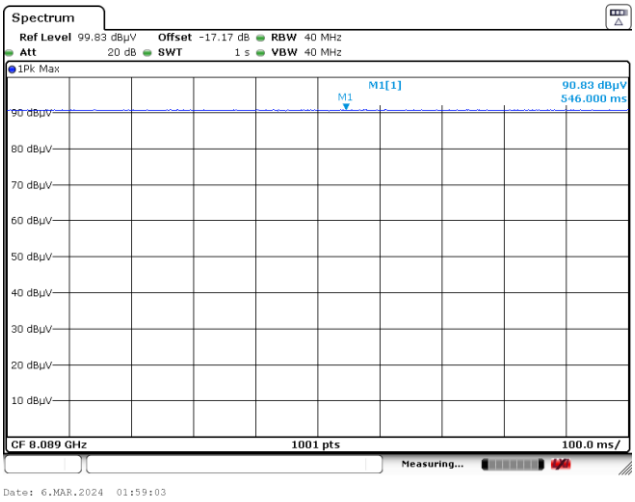
Mode 17: cidx-10_sts-1_packet length-127



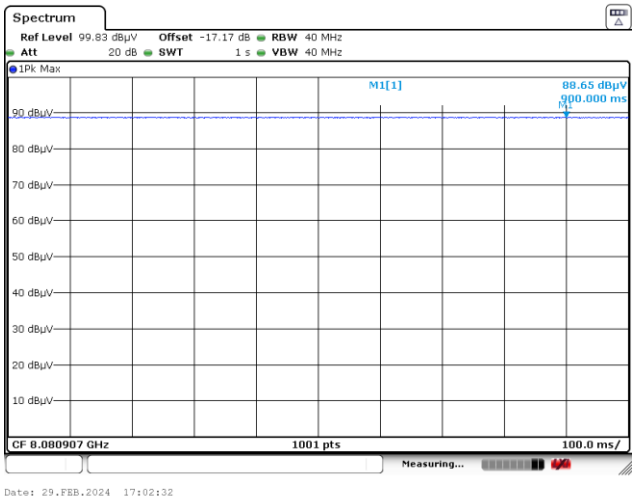
Mode 18: cidx-10_sts-3_packet length-0



Mode 19: cidx-11_sts-0_packet length-127

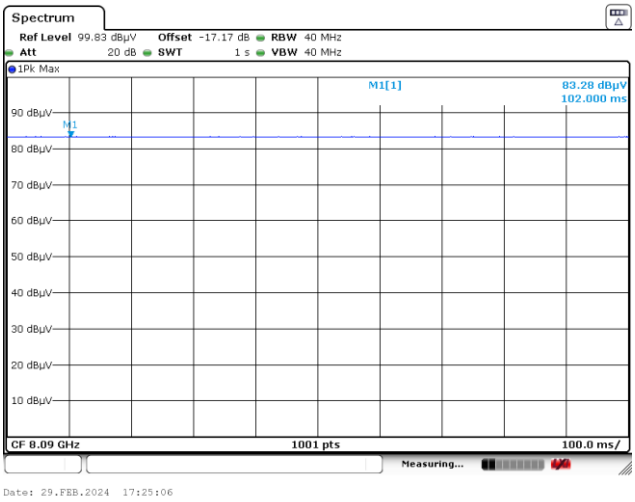


Mode 20: cidx-11_sts-1_packet length-127

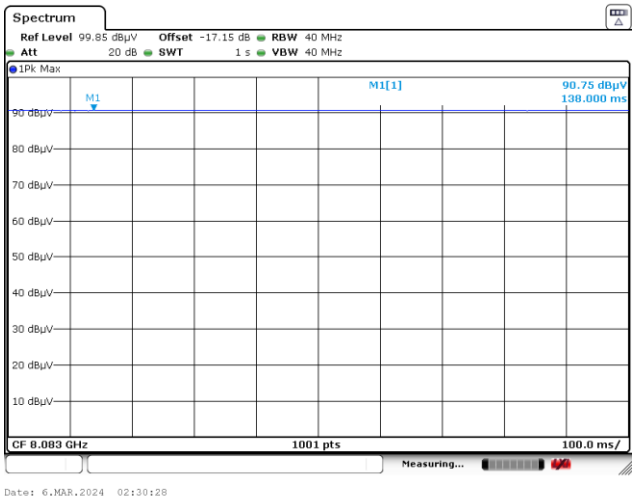


CH09 Peak Power Measurement Plots

Mode 21: cidx-11_sts-3_packet length-0



Mode 22: cidx-12_sts-0_packet length-127



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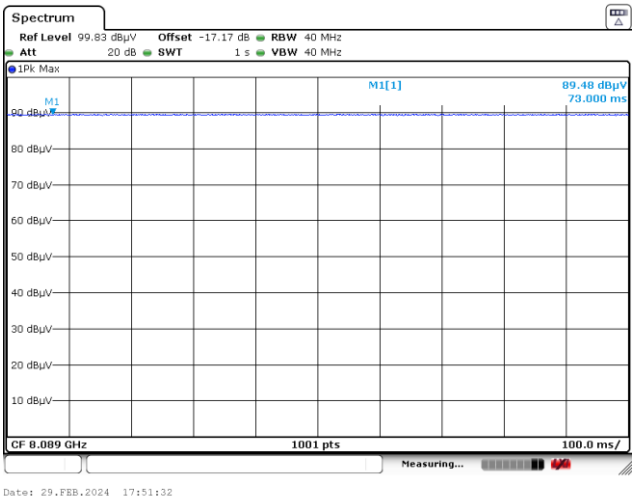

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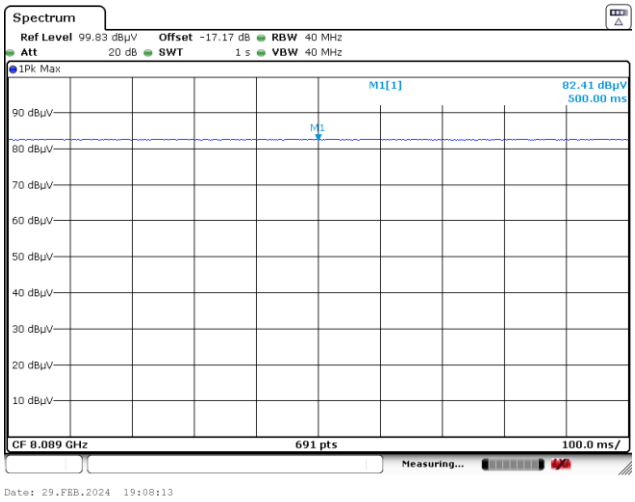

<Ant.9>

CH05 Peak Power Measurement Plots	
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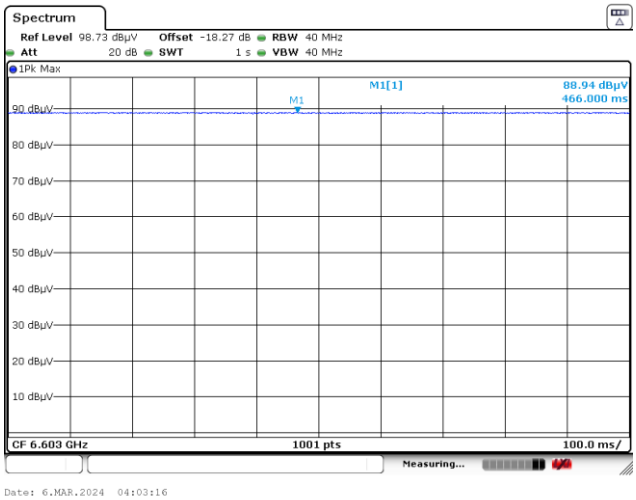
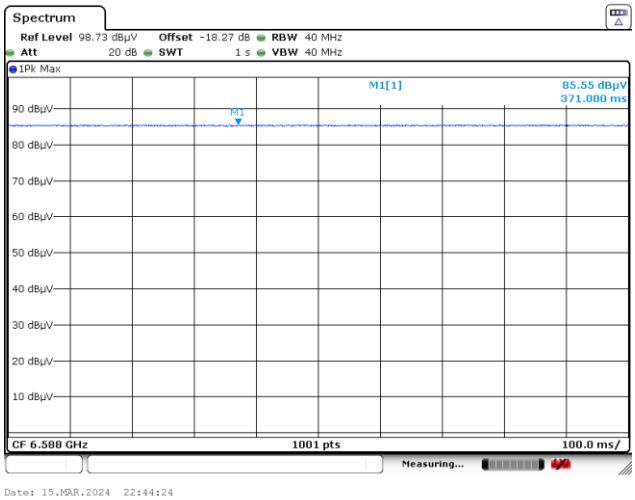
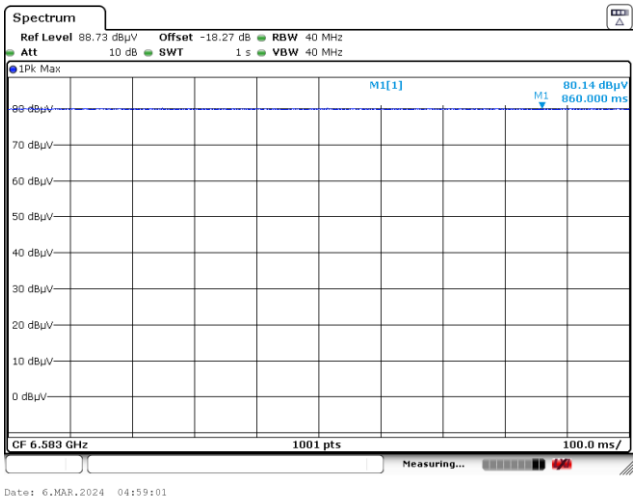
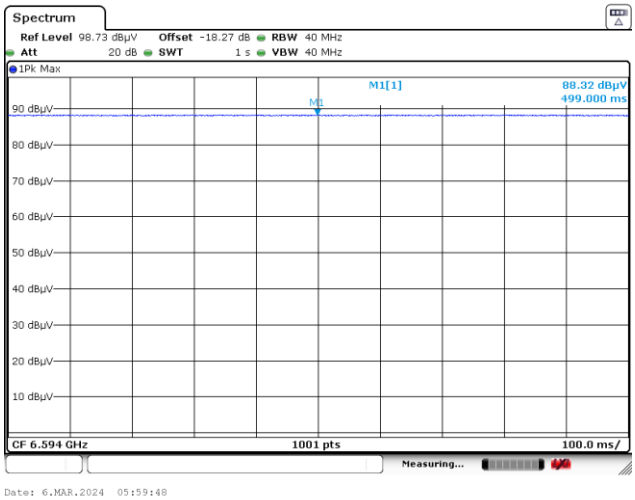
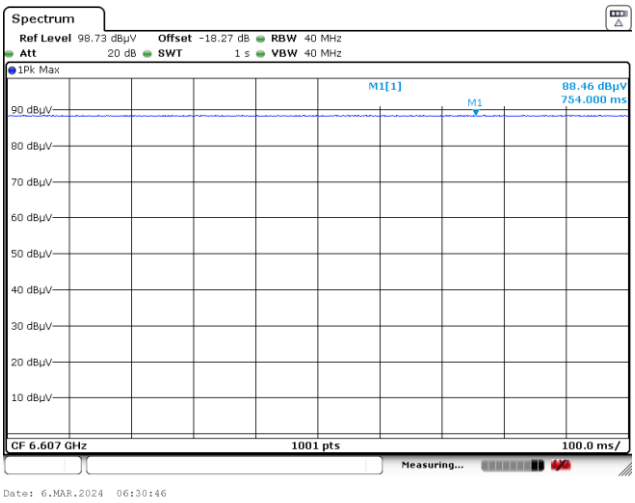
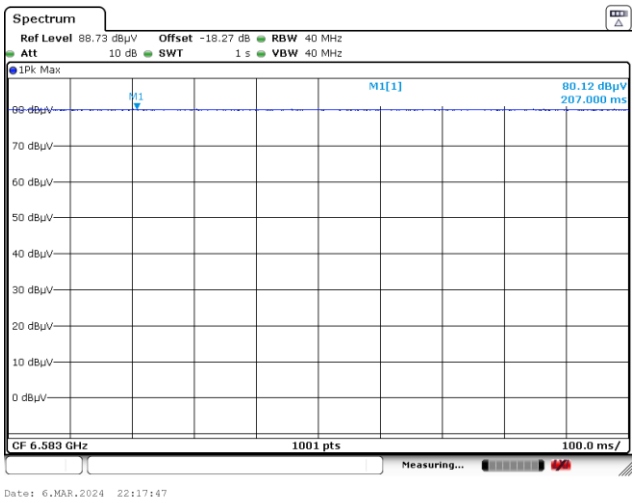
	
Mode 27: cidx-9_sts-3_packet length-0	**Mode 28: cidx-10_sts-0_packet length-127**
	

CH05 Peak Power Measurement Plots

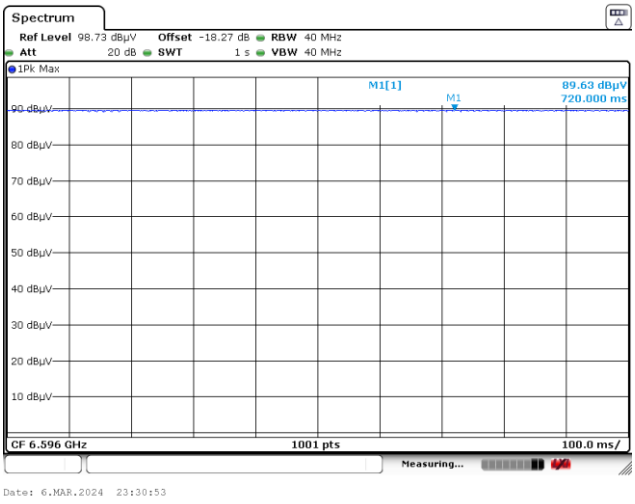
Mode 29: cidx-10_sts-1_packet length-127



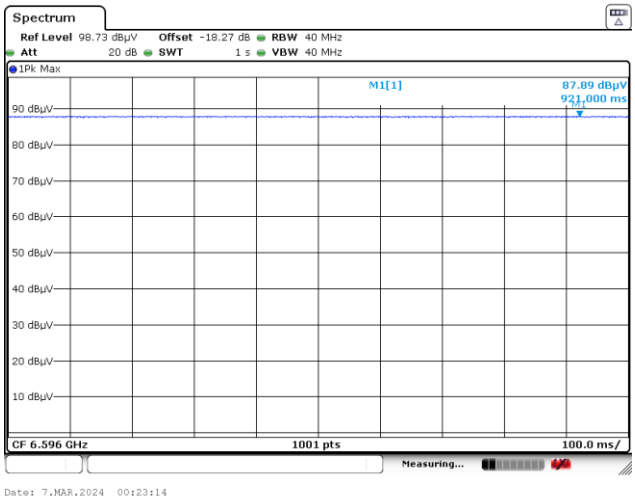
Mode 30: cidx-10_sts-3_packet length-0



Mode 31: cidx-11_sts-0_packet length-127



Mode 32: cidx-11_sts-1_packet length-127



CH05 Peak Power Measurement Plots

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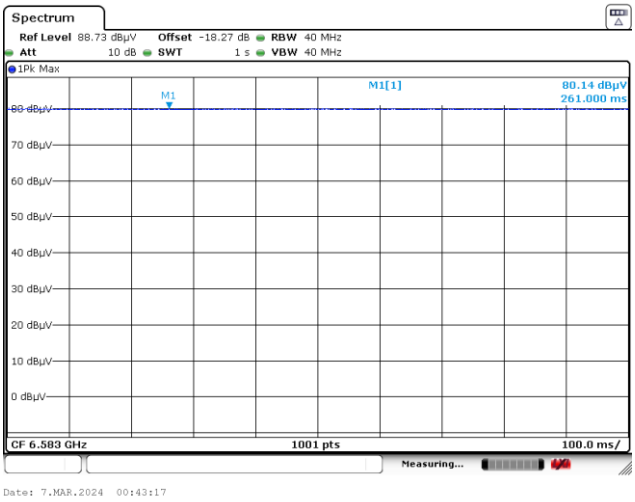

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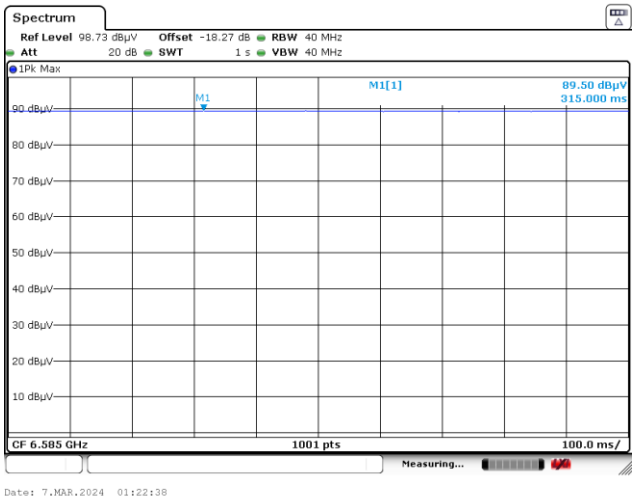

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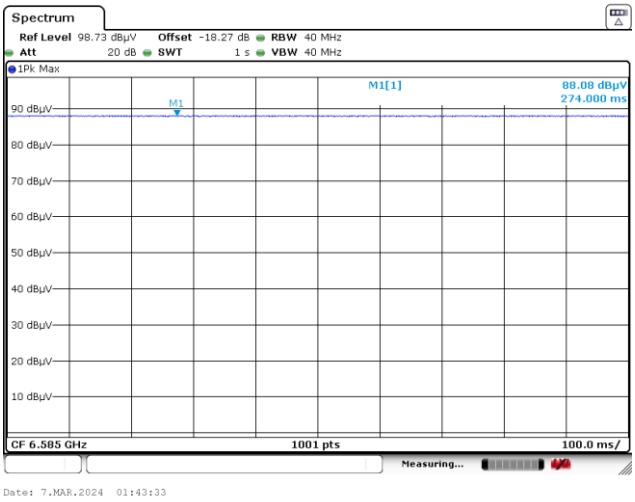
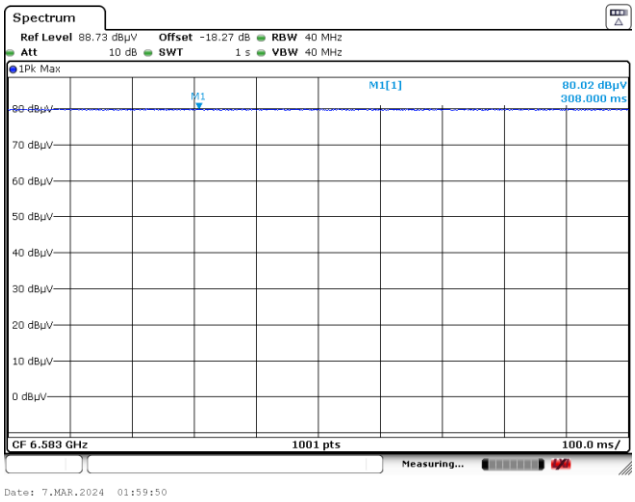
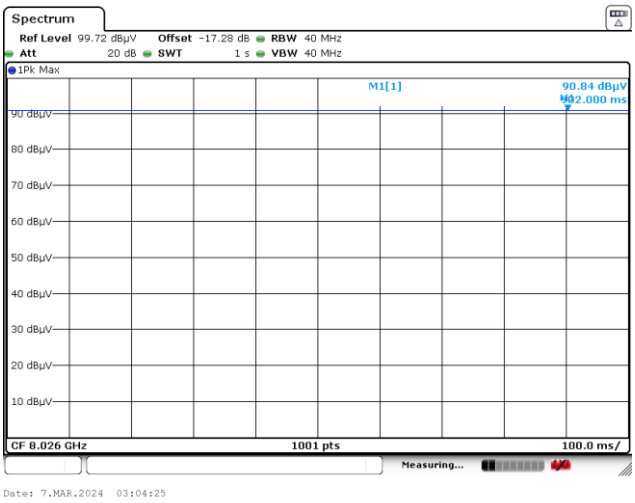


Mode 36: cidx-12_sts-3_packet length-0

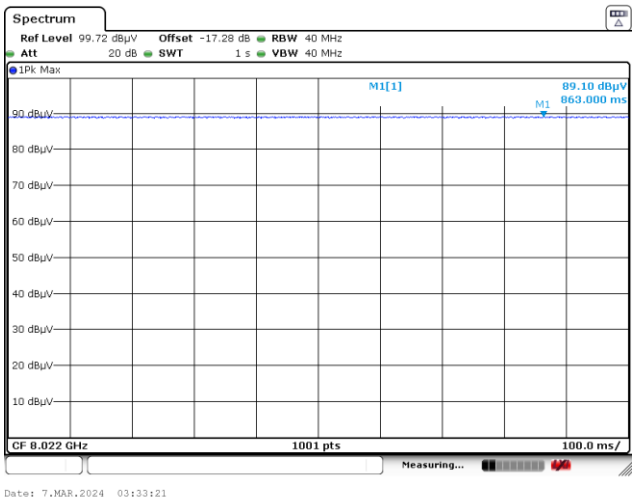


CH09 Peak Power Measurement Plots

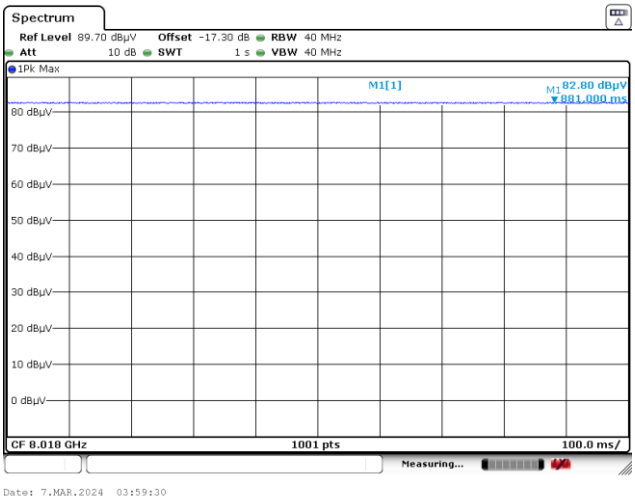
Mode 37: cidx-9_sts-0_packet length-127



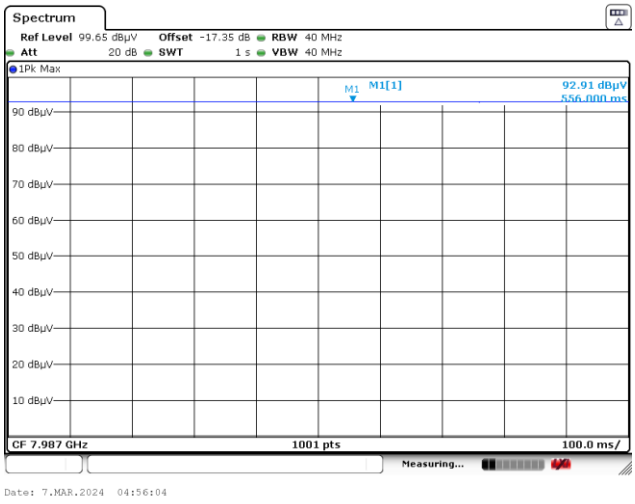
Mode 38: cidx-9_sts-1_packet length-127



Mode 39: cidx-9_sts-3_packet length-0

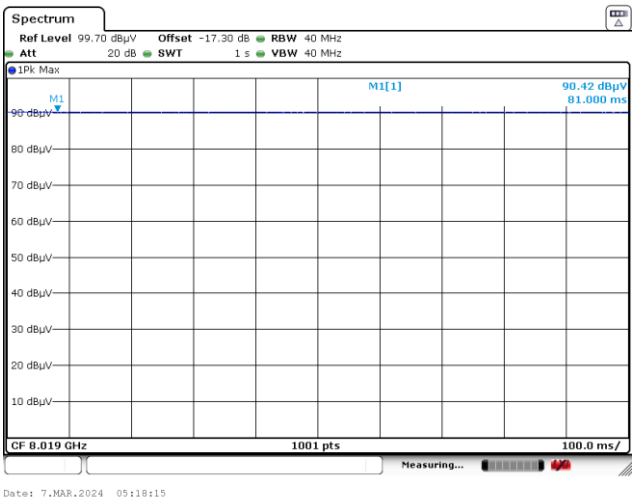


Mode 40: cidx-10_sts-0_packet length-127

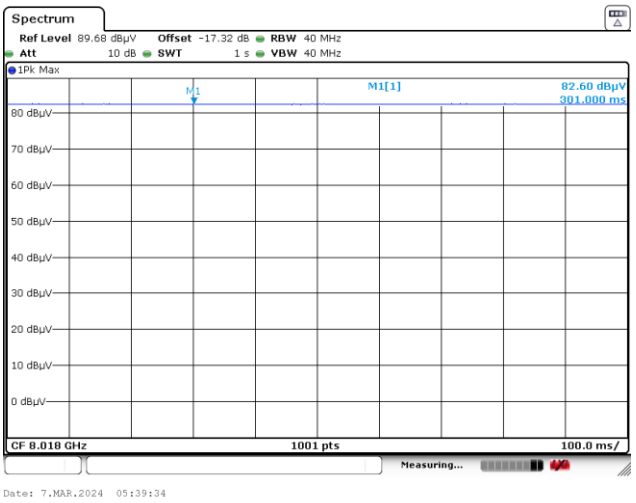


CH09 Peak Power Measurement Plots

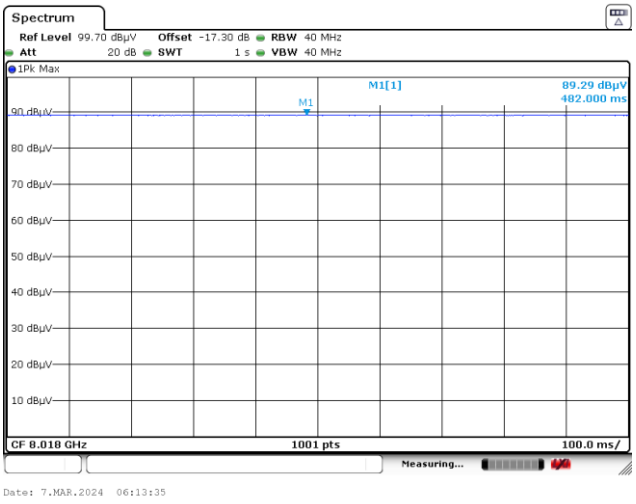
Mode 41: cidx-10_sts-1_packet length-127



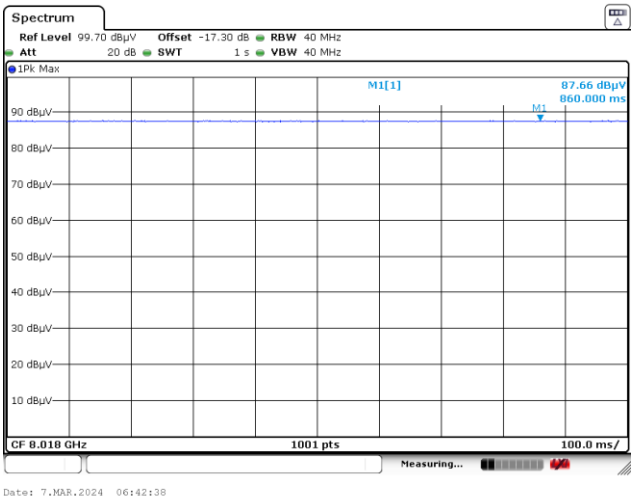
Mode 42: cidx-10_sts-3_packet length-0



Mode 43: cidx-11_sts-0_packet length-127



Mode 44: cidx-11_sts-1_packet length-127



CH09 Peak Power Measurement Plots

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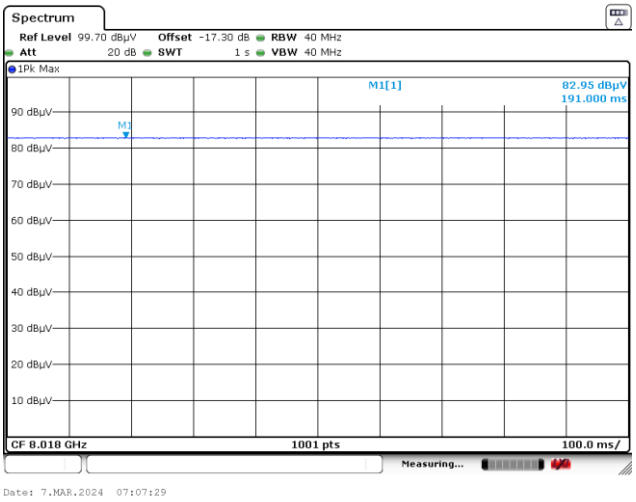
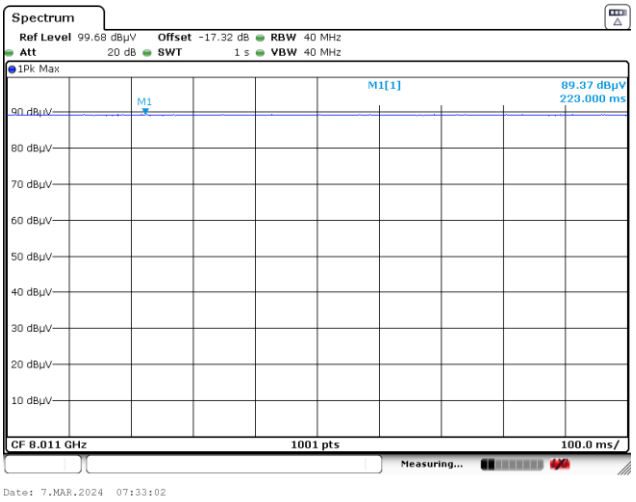
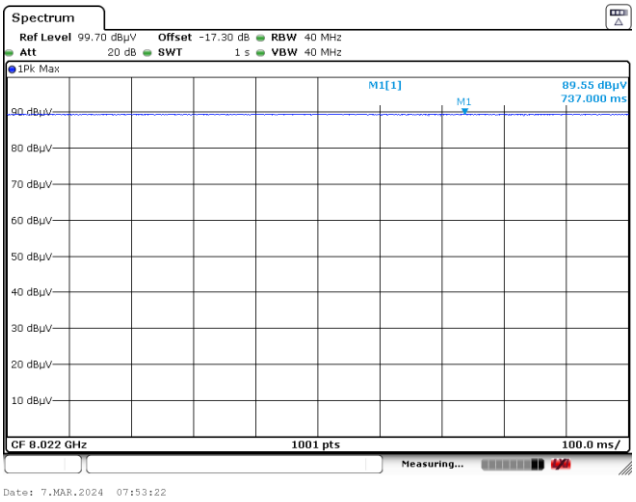


Mode 46: cidx-12_sts-0_packet length-127



Mode 47: cidx-12_sts-1_packet length-127



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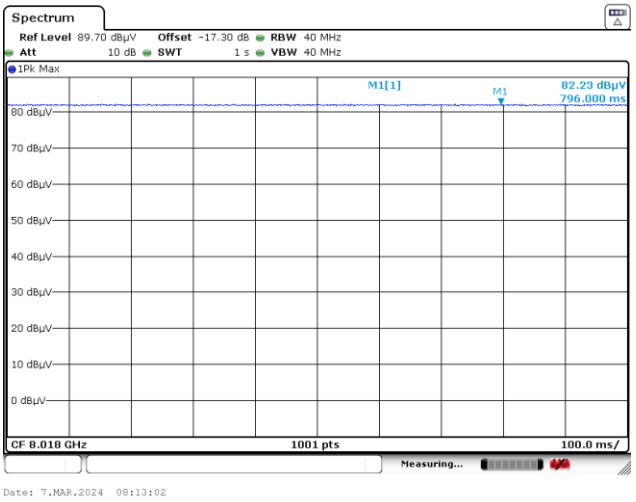


3.5 Radiated Emissions

3.5.1 Radiated Emissions Limit

Radiated Emissions below 960MHz and Emissions from Digital Circuitry Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Radiated Emissions above 960MHz Limit		
Frequency Range (MHz)	**EIRP (dBm)**	**EIRP (dBuV/m @3m)**
960-1610	−75.3	19.93
1610-1990	−63.3	31.93
1990-3100	−61.3	33.93
3100-10600	−41.3	53.93
Above 10600	−61.3	33.93

Radiated Emissions in GPS Bands Limit		
Frequency Range (MHz)	**EIRP (dBm)**	**EIRP (dBuV/m @3m)**
1164-1240	-85.3	9.33
1559-1610	-85.3	9.93

Note: E (dBuv/m) = EIRP (dBm) + 95.23, example, E(dBuV/m) = -85.3 + 95.23 = 9.93 dBuV/m.

3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

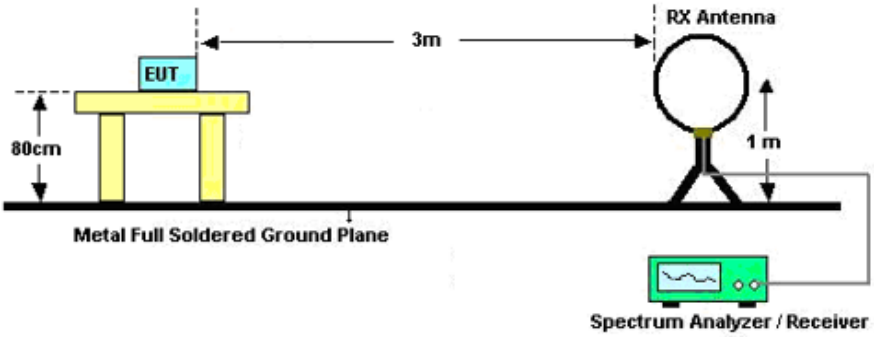
3.5.3 Test Procedures

Test Method for Radiated Emissions above 960MHz		
☒	Radiated Emissions above 960MHz	
	☒	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
	☒	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. In some cases, it may be necessary to measure the radiated UWB emissions at a closer distance to obtain enough signal and margin to overcome the measurement system noise floor. Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
	☒	Refer as ANSI C63.10, clause 10.3.4 for rms detector procedure testing.
	☒	Refer as ANSI C63.10, clause 10.3.7 for evaluating AVG-PSD (RBW=1MHz).
	☒	Refer as ANSI C63.10, clause 10.3.10 for evaluating AVG-PSD in GPS Band (RBW≥1kHz).
☒	For radiated measurement.	
	☒	Refer as ANSI C63.10, clause 10.3.8 following eirp can be used radiated test configuration.
	☒	Refer as ANSI C63.10, clause 10.3.9 following eirp can be directly determined using the field strength.

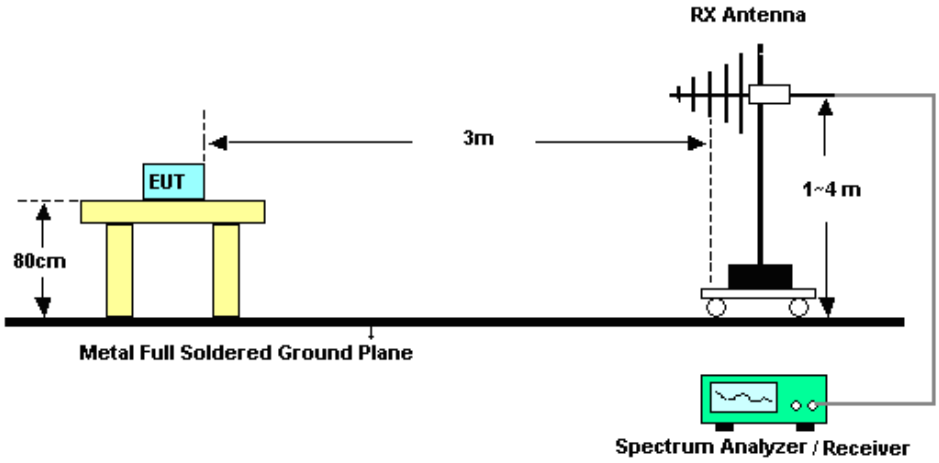
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry		
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements) for above 30MHz-960MHz; 40dB/decade for frequency below 30MHz.	
☒	For the transmitter unwanted emissions shall be measured using following options below:	
	☒	Refer as ANSI C63.10, clause 4.1.4 Detector functions and selection of bandwidth
	☐	Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions. Adjusted by a “duty cycle correction factor”, derived from 20log (dwell time/100 ms). Average emission = peak emission + 20 log (duty cycle).
	☒	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
☒	For radiated measurement.	
	☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	☒	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	☒	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m.
	☒	If the noise floor can’t meet the limit, the test distance will be shorten and described in the report.
☒	Any unwanted emissions level shall not exceed the fundamental emission level.	

3.5.4 Test Setup

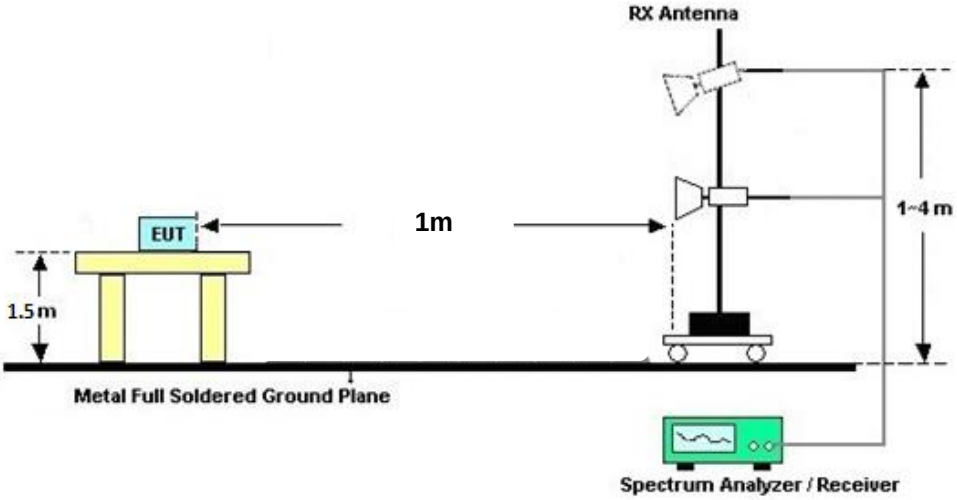
Radiated Emissions below 30MHz



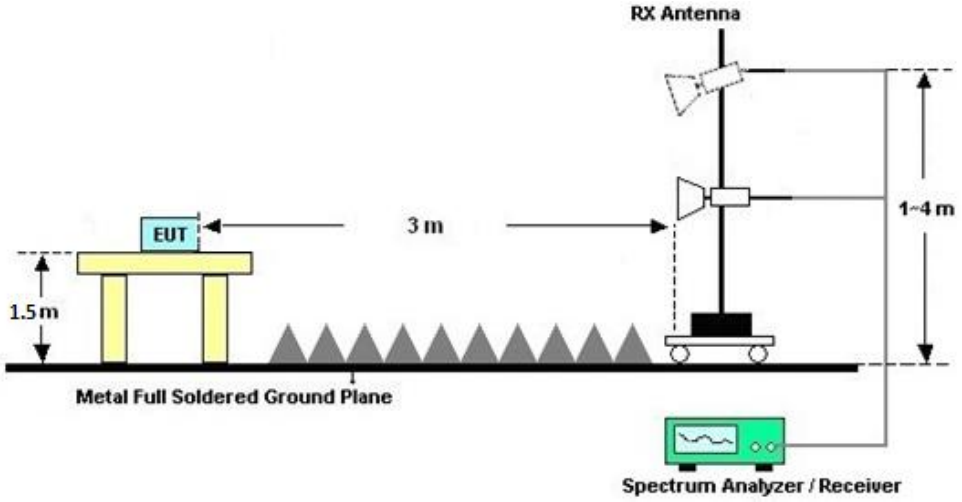
Radiated Emissions from 30MHz to 1GHz and Emissions from Digital Circuitry



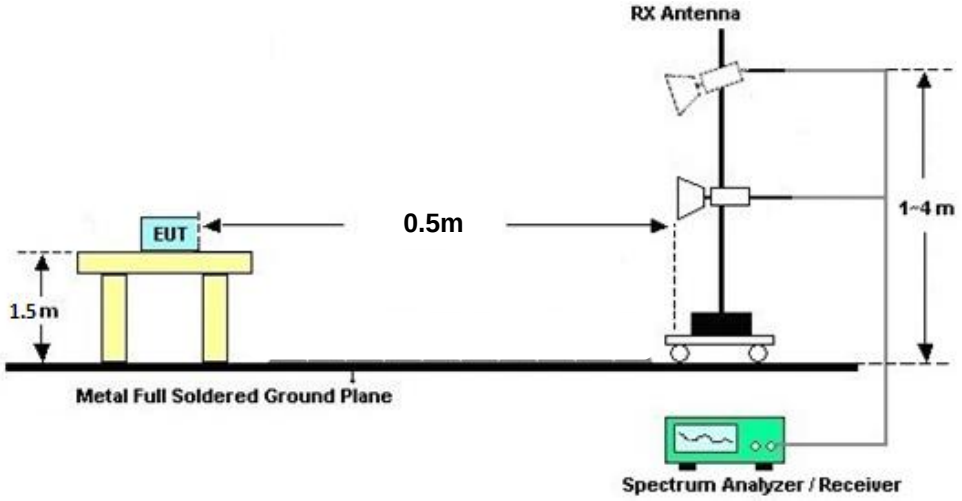
Radiated Emissions from 1GHz to 1.61 GHz



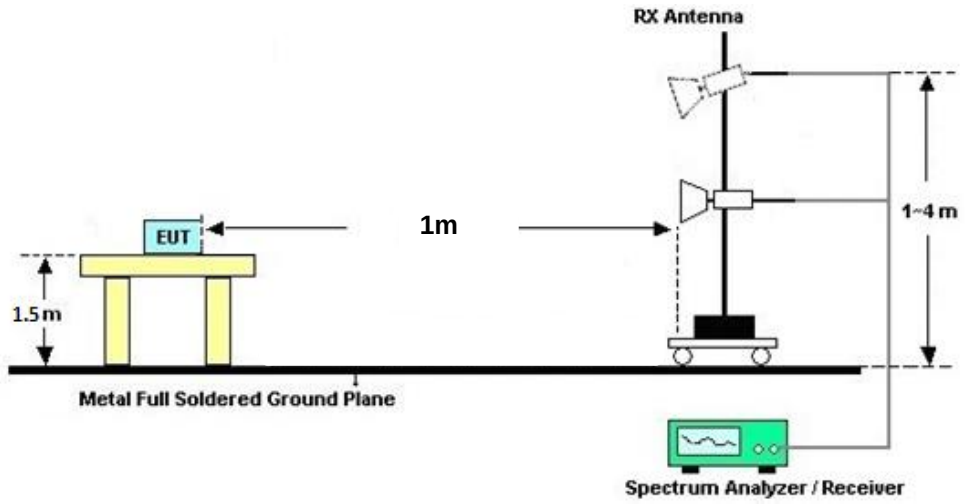
Radiated Emissions from 1.61 GHz to 10.60 GHz



Radiated Emissions from 10.60 GHz to 18GHz



Radiated Emissions above 18GHz



Note 1: Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna and the frequency range of 1 GHz to 40 GHz using a calibrated horn antenna.
Note 2: If test distance other than 3m is used, the used test distance will be recorded in test result.

3.5.5 Radiated Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
There is adequate comparison measurement of both open-field test site and alternative test site -semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.5.6 Radiated Emissions (Fundamental)

<Ant.7>

Test mode	Frequency (MHz)	Emission Level (dBuV/m)	Emission Limit (dBm/MHz)	Emission Limit (dBuV/m)	Margin (dB)	Result	Pol (H/V)
1	6592	53.5	-41.3	53.9	-0.4	Pass	H
2	6592	53.4	-41.3	53.9	-0.5	Pass	H
3	6592	53.19	-41.3	53.9	-0.71	Pass	H
4	6592	53.09	-41.3	53.9	-0.81	Pass	H
5	6592	53.47	-41.3	53.9	-0.43	Pass	H
6	6592	53.33	-41.3	53.9	-0.57	Pass	H
7	6592	53.6	-41.3	53.9	-0.3	Pass	H
8	6386	53.26	-41.3	53.9	-0.64	Pass	H
9	6386.96	53.29	-41.3	53.9	-0.61	Pass	H
10	6592	53.23	-41.3	53.9	-0.67	Pass	H
11	6421	53.25	-41.3	53.9	-0.65	Pass	H
12	6592	53.36	-41.3	53.9	-0.54	Pass	H
13	8026	52.82	-41.3	53.9	-1.08	Pass	H
14	8089	53.06	-41.3	53.9	-0.84	Pass	H
15	8094	53.29	-41.3	53.9	-0.61	Pass	H
16	7987	51.88	-41.3	53.9	-2.02	Pass	H
17	8120	52.23	-41.3	53.9	-1.67	Pass	H
18	8089	53.24	-41.3	53.9	-0.66	Pass	H
19	8089	53.62	-41.3	53.9	-0.28	Pass	H
20	8089	53.26	-41.3	53.9	-0.64	Pass	H
21	8090	53.27	-41.3	53.9	-0.63	Pass	H
22	8097	53.29	-41.3	53.9	-0.61	Pass	H
23	8089	53.21	-41.3	53.9	-0.69	Pass	H
24	8089	53.26	-41.3	53.9	-0.64	Pass	H

Note: E (dBuv/m) Limit= EIRP (dBm) Lmit + 95.2 = -41.3 + 95.2 = 53.9 dBuV/m.

<Ant.9>

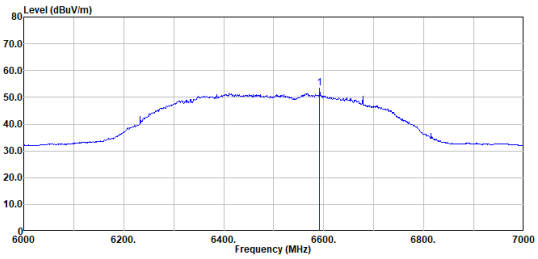
Test mode	Frequency (MHz)	Emission Level (dBuV/m)	Emission Limit (dBm/MHz)	Emission Limit (dBuV/m)	Margin (dB)	Result	Pol (H/V)
25	6592	53.52	-41.3	53.9	-0.38	Pass	H
26	6592	52.8	-41.3	53.9	-1.1	Pass	H
27	6592	53.5	-41.3	53.9	-0.4	Pass	H
28	6592	53.5	-41.3	53.9	-0.4	Pass	H
29	6592	53.22	-41.3	53.9	-0.68	Pass	H
30	6592	53.37	-41.3	53.9	-0.53	Pass	H
31	6592	53.66	-41.3	53.9	-0.24	Pass	H
32	6592	53.41	-41.3	53.9	-0.49	Pass	H
33	6592	53.25	-41.3	53.9	-0.65	Pass	H
34	6592	53.26	-41.3	53.9	-0.64	Pass	H
35	6592	53.5	-41.3	53.9	-0.4	Pass	H
36	6592	53.38	-41.3	53.9	-0.52	Pass	H
37	8026	53.37	-41.3	53.9	-0.53	Pass	H
38	8026	53.19	-41.3	53.9	-0.71	Pass	H
39	8016	53.41	-41.3	53.9	-0.49	Pass	H
40	7987	53.34	-41.3	53.9	-0.56	Pass	H
41	8019	53.51	-41.3	53.9	-0.39	Pass	H
42	8010	53.39	-41.3	53.9	-0.51	Pass	H
43	8018	53.15	-41.3	53.9	-0.75	Pass	H
44	8018	53.11	-41.3	53.9	-0.79	Pass	H
45	8017	53.68	-41.3	53.9	-0.22	Pass	H
46	8008	53.29	-41.3	53.9	-0.61	Pass	H
47	8022	53.42	-41.3	53.9	-0.48	Pass	H
48	8017	53.49	-41.3	53.9	-0.41	Pass	H

Note: E (dBuv/m) Limit= EIRP (dBm) Lmit + 95.2 = -41.3 + 95.2 = 53.9 dBuV/m.

<Ant.7>

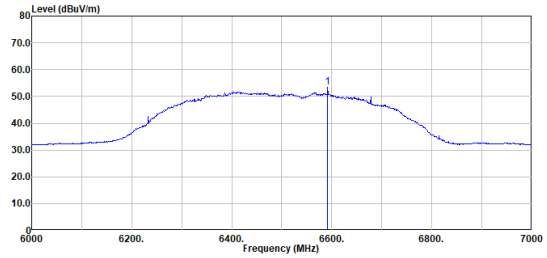
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 1: cidx-9_sts-0_packet length-127



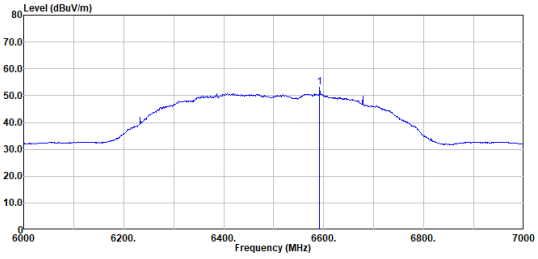
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.50	------	------	71.77	35.50	12.09	65.86	0.00	100	57	Average	Horizontal

Mode 2: cidx-9_sts-1_packet length-127



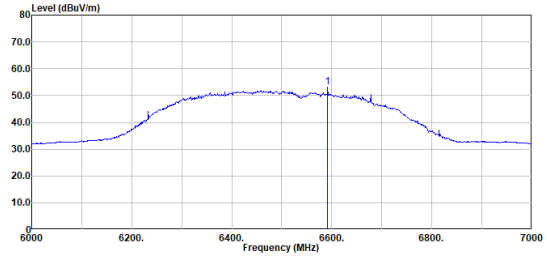
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.40	------	------	71.67	35.50	12.09	65.86	0.00	100	57	Average	Horizontal

Mode 3: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.19	------	------	71.46	35.50	12.09	65.86	0.00	100	56	Average	Horizontal

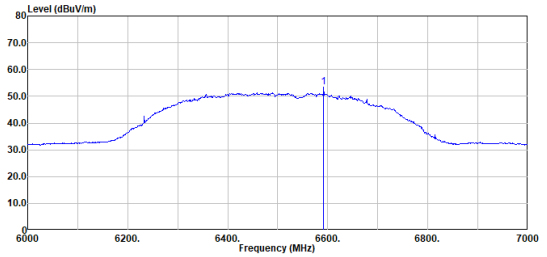
Mode 4: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.09	------	------	71.36	35.50	12.09	65.86	0.00	100	59	Average	Horizontal

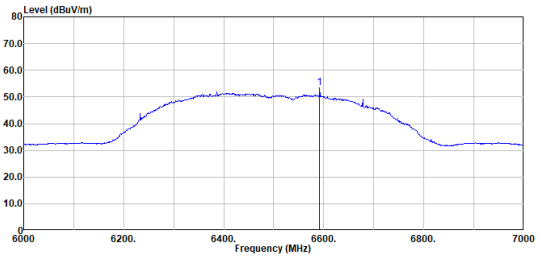
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	Polarization	H
		Test Distance	3m

Mode 5: cidx-10_sts-1_packet length-127



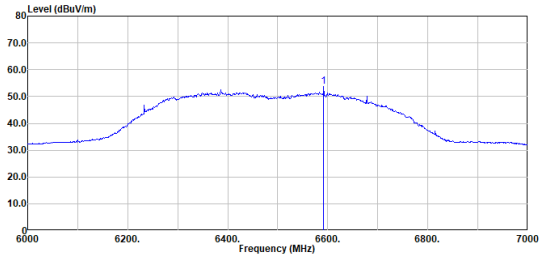
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.47	------	------	71.74	35.50	12.09	65.86	0.00	100	57	Average	Horizontal

Mode 6: cidx-10_sts-3_packet length-0



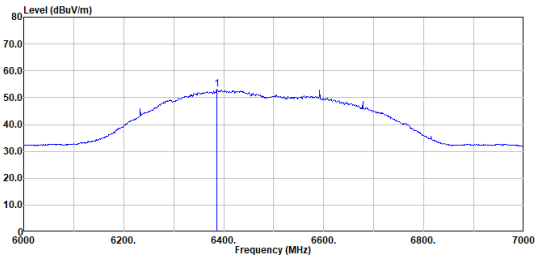
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.33	------	------	71.60	35.50	12.09	65.86	0.00	100	59	Average	Horizontal

Mode 7: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.60	------	------	71.87	35.50	12.09	65.86	0.00	100	246	Average	Horizontal

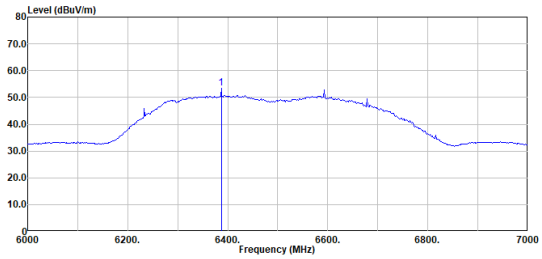
Mode 8: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6386.00	53.26	------	------	71.44	35.59	11.88	65.65	0.00	100	249	Average	Horizontal

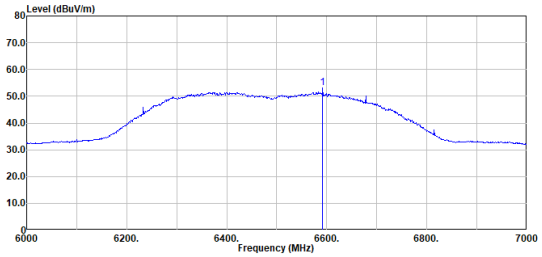
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	Polarization	H
		Test Distance	3m

Mode 9: cidx-11_sts-3_packet length-0



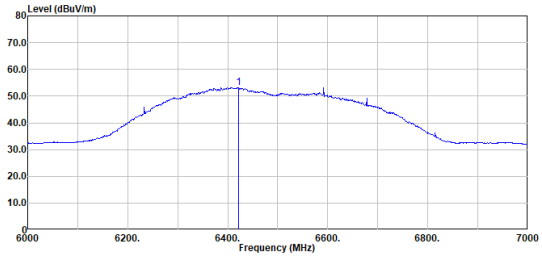
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6386.96	53.29	------	------	71.46	35.59	11.89	65.65	0.00	100	245	Average	Horizontal

Mode 10: cidx-12_sts-0_packet length-127



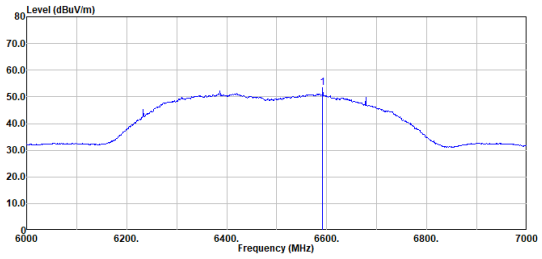
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.23	------	------	71.50	35.50	12.09	65.86	0.00	100	248	Average	Horizontal

Mode 11: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6421.00	53.25	------	------	71.44	35.58	11.92	65.69	0.00	100	249	Average	Horizontal

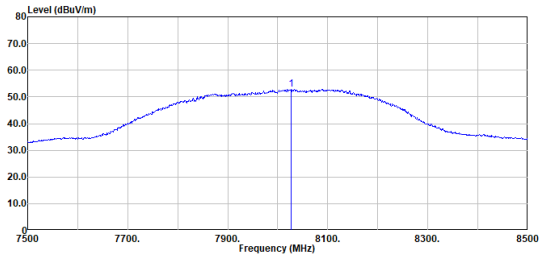
Mode 12: cidx-12_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.36	------	------	71.63	35.50	12.09	65.86	0.00	100	66	Average	Horizontal

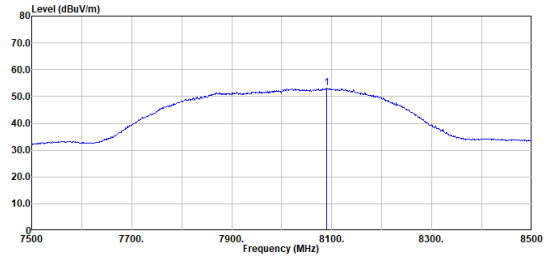
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 13: cidx-9_sts-0_packet length-127



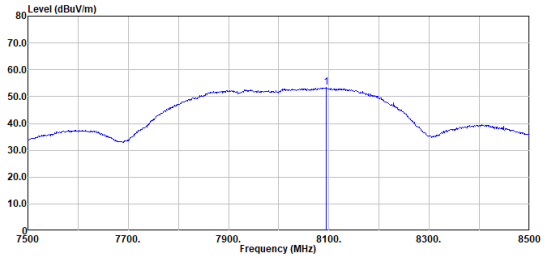
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8026.00	52.82	------	------	70.10	36.13	13.38	66.79	0.00	100	289	Average	Horizontal

Mode 14: cidx-9_sts-1_packet length-127



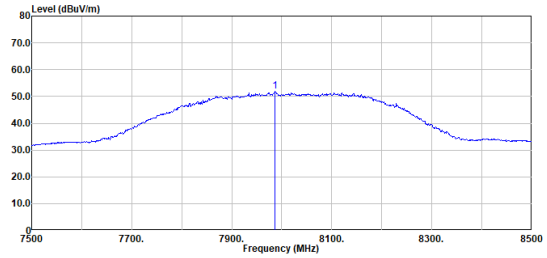
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.06	------	------	70.23	36.19	13.44	66.80	0.00	100	290	Average	Horizontal

Mode 15: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8094.00	53.29	------	------	70.45	36.19	13.45	66.80	0.00	100	296	Average	Horizontal

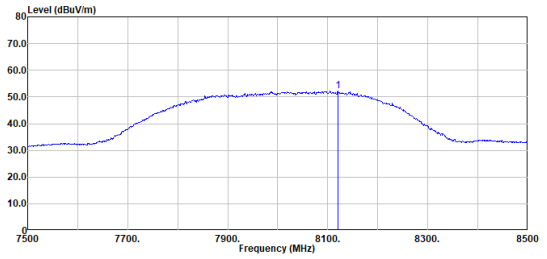
Mode 16: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7987.00	51.88	------	------	69.23	36.10	13.34	66.79	0.00	100	294	Average	Horizontal

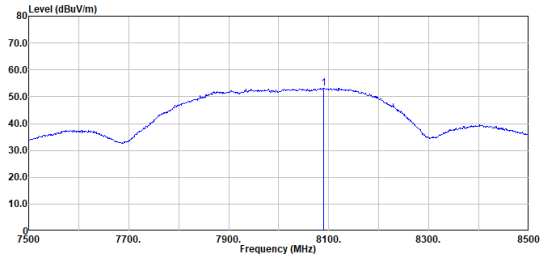
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 17: cidx-10_sts-1_packet length-127



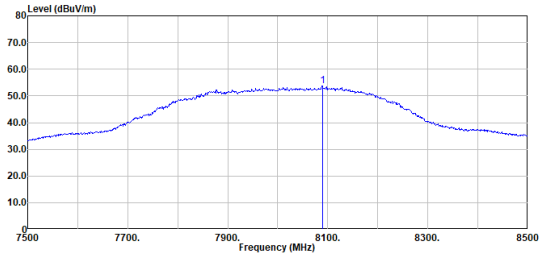
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8120.00	52.23	------	------	69.32	36.24	13.47	66.80	0.00	100	297	Average	Horizontal

Mode 18: cidx-10_sts-3_packet length-0



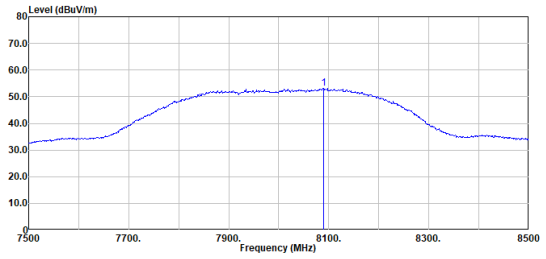
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.24	------	------	70.41	36.19	13.44	66.80	0.00	100	295	Average	Horizontal

Mode 19: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.62	------	------	70.79	36.19	13.44	66.80	0.00	100	288	Average	Horizontal

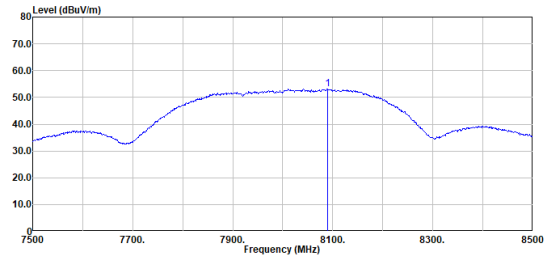
Mode 20: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.26	------	------	70.43	36.19	13.44	66.80	0.00	100	292	Average	Horizontal

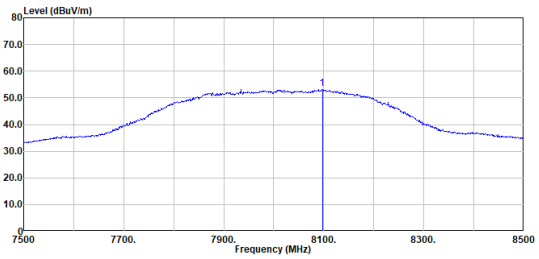
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	Polarization	H
		Test Distance	3m

Mode 21: cidx-11_sts-3_packet length-0



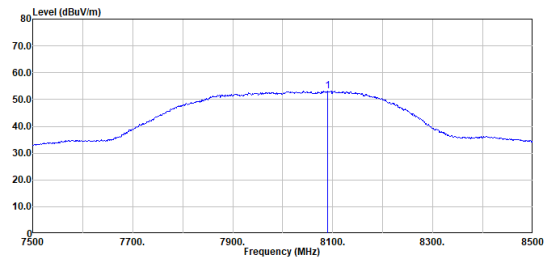
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8090.00	53.27	------	------	70.44	36.19	13.44	66.80	0.00	100	296	Average	Horizontal

Mode 22: cidx-12_sts-0_packet length-127



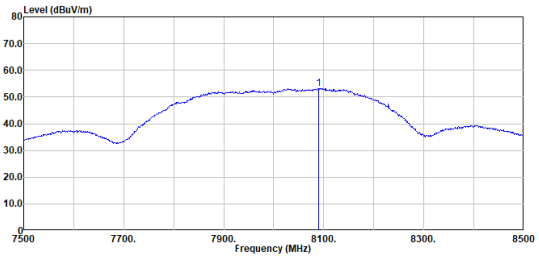
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8097.00	53.29	------	------	70.44	36.20	13.45	66.80	0.00	100	291	Average	Horizontal

Mode 23: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.21	------	------	70.38	36.19	13.44	66.80	0.00	100	296	Average	Horizontal

Mode 24: cidx-12_sts-3_packet length-0

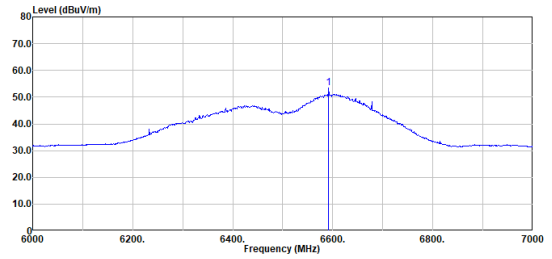


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8089.00	53.26	------	------	70.43	36.19	13.44	66.80	0.00	104	296	Average	Horizontal

<Ant.9>

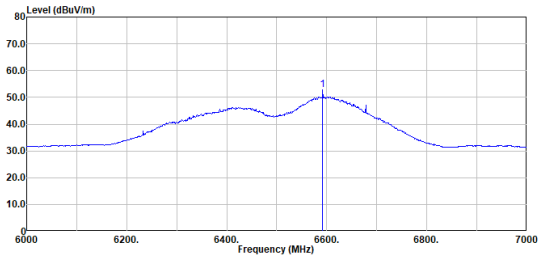
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 25: cidx-9_sts-0_packet length-127



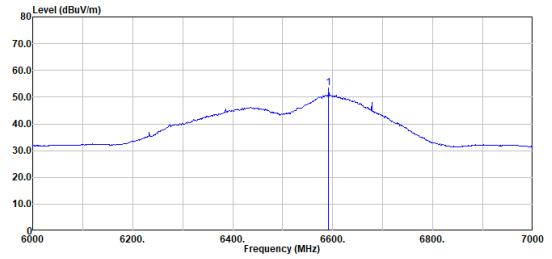
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.52	------	------	71.79	35.50	12.09	65.86	0.00	100	9	Peak	Horizontal

Mode 26: cidx-9_sts-1_packet length-127



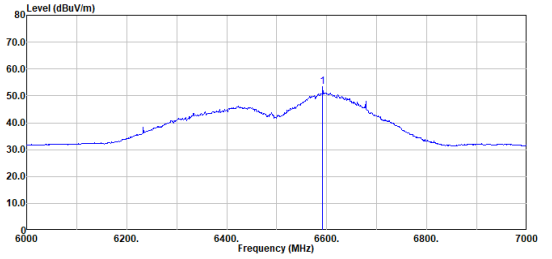
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	52.80	------	------	71.07	35.50	12.09	65.86	0.00	100	0	Peak	Horizontal

Mode 27: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.50	------	------	71.77	35.50	12.09	65.86	0.00	107	9	Average	Horizontal

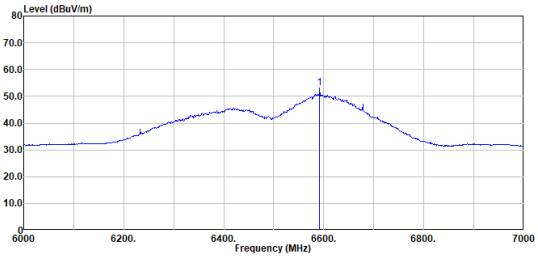
Mode 28: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.50	------	------	71.77	35.50	12.09	65.86	0.00	102	17	Average	Horizontal

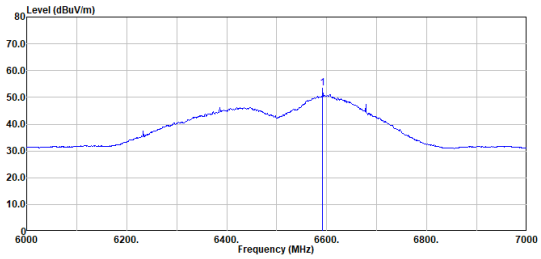
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	Polarization	H
		Test Distance	3m

Mode 29: cidx-10_sts-1_packet length-127



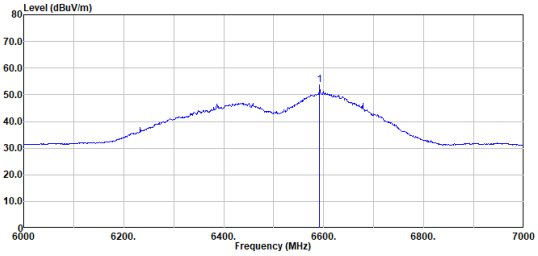
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.22	------	------	71.49	35.50	12.09	65.86	0.00	104	18	Average	Horizontal

Mode 30: cidx-10_sts-3_packet length-0



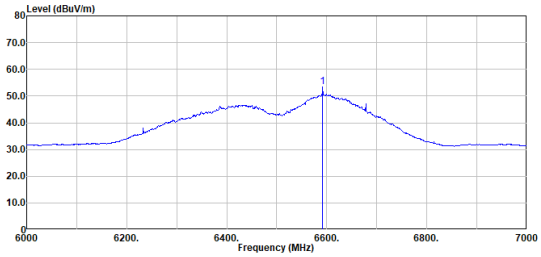
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.37	------	------	71.64	35.50	12.09	65.86	0.00	100	2	Average	Horizontal

Mode 31: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.66	------	------	71.93	35.50	12.09	65.86	0.00	101	0	Average	Horizontal

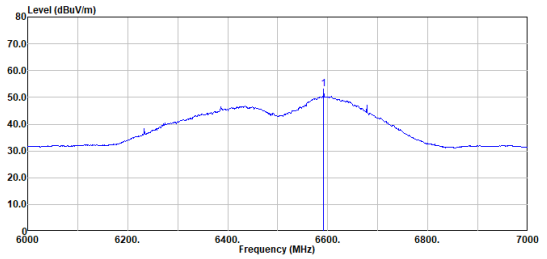
Mode 32: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.41	------	------	71.68	35.50	12.09	65.86	0.00	101	0	Average	Horizontal

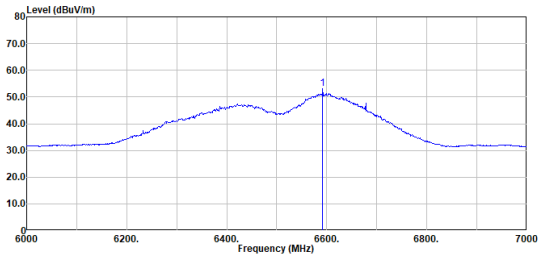
CH05 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 33: cidx-11_sts-3_packet length-0



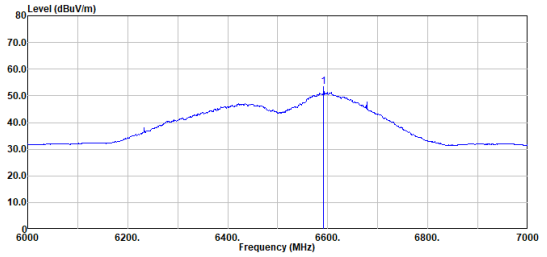
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.25	------	------	71.52	35.50	12.09	65.86	0.00	100	0	Average	Horizontal

Mode 34: cidx-12_sts-0_packet length-127



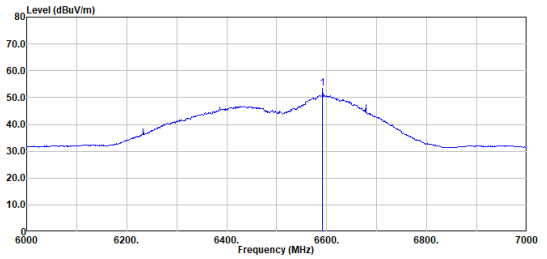
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.26	------	------	71.53	35.50	12.09	65.86	0.00	102	359	Average	Horizontal

Mode 35: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.50	------	------	71.77	35.50	12.09	65.86	0.00	100	358	Average	Horizontal

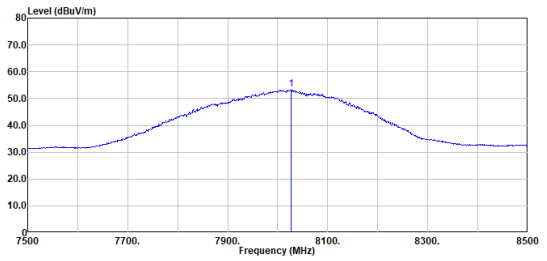
Mode 36: cidx-12_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	6592.00	53.38	------	------	71.65	35.50	12.09	65.86	0.00	104	360	Average	Horizontal

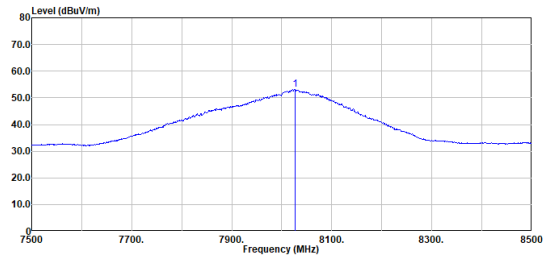
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 37: cidx-9_sts-0_packet length-127



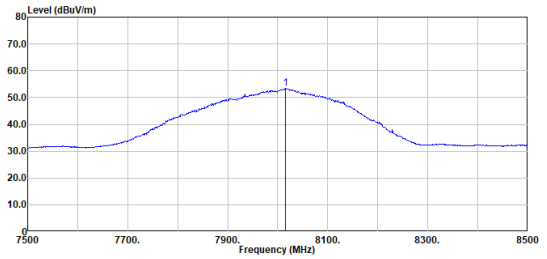
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8026.00	53.37	------	------	70.65	36.13	13.38	66.79	0.00	176	0	Average	Horizontal

Mode 38: cidx-9_sts-1_packet length-127



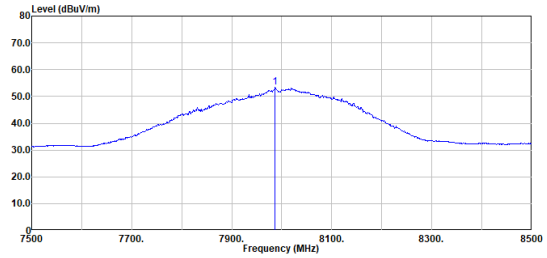
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8026.00	53.19	------	------	70.47	36.13	13.38	66.79	0.00	174	360	Average	Horizontal

Mode 39: cidx-9_sts-3_packet length-0



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8016.00	53.41	------	------	70.71	36.12	13.37	66.79	0.00	100	354	Average	Horizontal

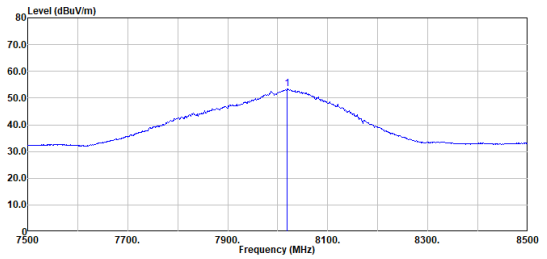
Mode 40: cidx-10_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	7987.00	53.34	------	------	70.69	36.10	13.34	66.79	0.00	100	354	Average	Horizontal

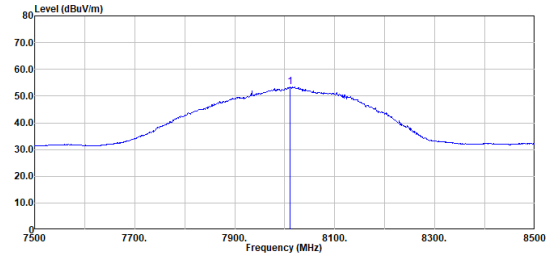
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	**Polarization**	H
		Test Distance	3m

Mode 41: cidx-10_sts-1_packet length-127



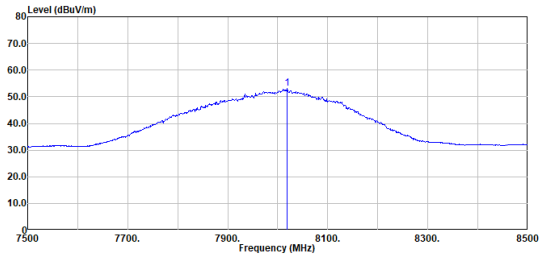
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8019.00	53.51	------	------	70.81	36.12	13.37	66.79	0.00	100	354	Average	Horizontal

Mode 42: cidx-10_sts-3_packet length-0



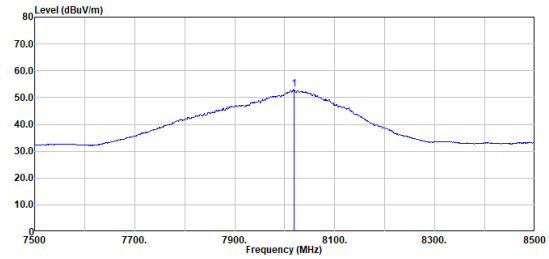
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8010.00	53.39	------	------	70.71	36.11	13.36	66.79	0.00	100	351	Average	Horizontal

Mode 43: cidx-11_sts-0_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8018.00	53.15	------	------	70.45	36.12	13.37	66.79	0.00	100	351	Average	Horizontal

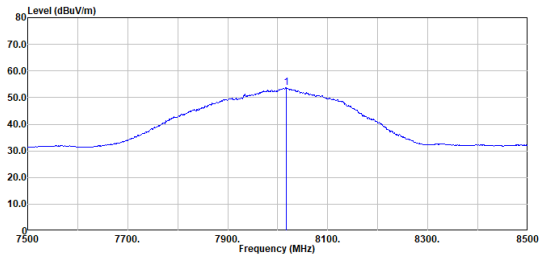
Mode 44: cidx-11_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8018.00	53.11	------	------	70.41	36.12	13.37	66.79	0.00	100	351	Average	Horizontal

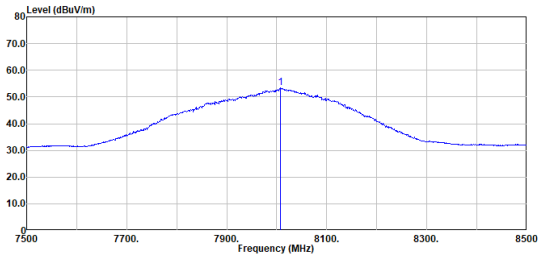
CH09 Radiated Emissions (Fundamental)			
Operating Function	Adapter Mode	Polarization	H
		Test Distance	3m

Mode 45: cidx-11_sts-3_packet length-0



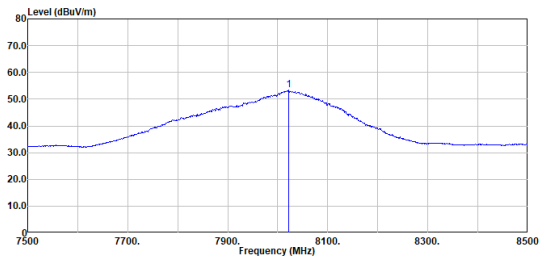
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8017.00	53.68	------	------	70.98	36.12	13.37	66.79	0.00	100	353	Average	Horizontal

Mode 46: cidx-12_sts-0_packet length-127



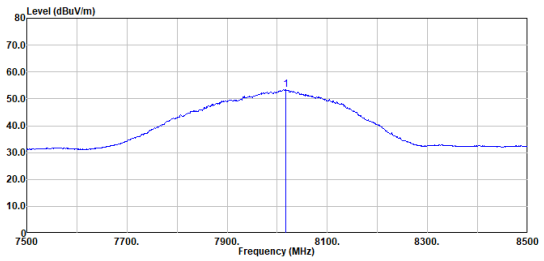
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8008.00	53.29	------	------	70.61	36.11	13.36	66.79	0.00	137	354	Average	Horizontal

Mode 47: cidx-12_sts-1_packet length-127



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8022.00	53.42	------	------	70.72	36.12	13.37	66.79	0.00	100	353	Average	Horizontal

Mode 48: cidx-12_sts-3_packet length-0

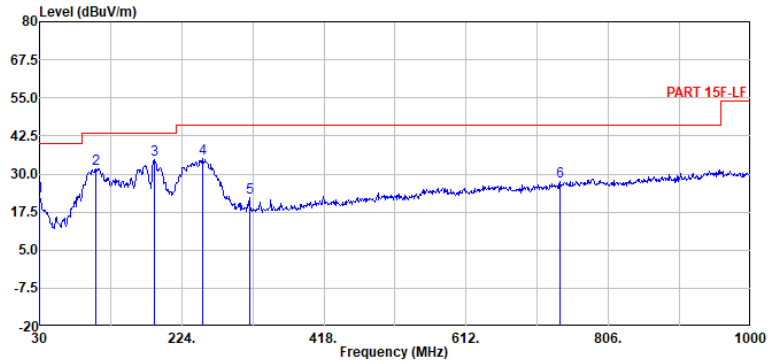


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	8017.00	53.49	------	------	70.79	36.12	13.37	66.79	0.00	100	354	Average	Horizontal

3.5.7 Radiated Emissions (30MHz – 1GHz)

<Ant.7>

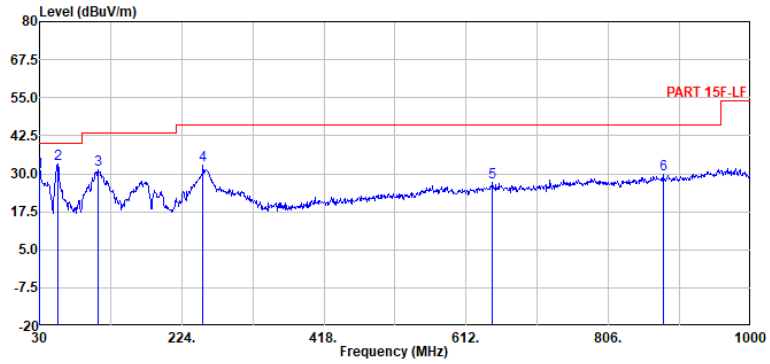
CH05 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	22.47	40.00	-17.53	29.39	25.39	0.71	33.02	--	--	Peak	Horizontal
2	106.63	31.74	43.50	-11.76	46.27	16.77	1.56	32.86	--	--	Peak	Horizontal
3	187.14	34.80	43.50	-8.70	50.49	15.06	2.08	32.83	--	--	Peak	Horizontal
4	252.13	34.92	46.00	-11.08	46.05	19.21	2.43	32.77	--	--	Peak	Horizontal
5	316.15	22.44	46.00	-23.56	33.01	19.58	2.71	32.86	--	--	Peak	Horizontal
6	740.04	27.46	46.00	-18.54	28.25	27.90	4.16	32.85	--	--	Peak	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

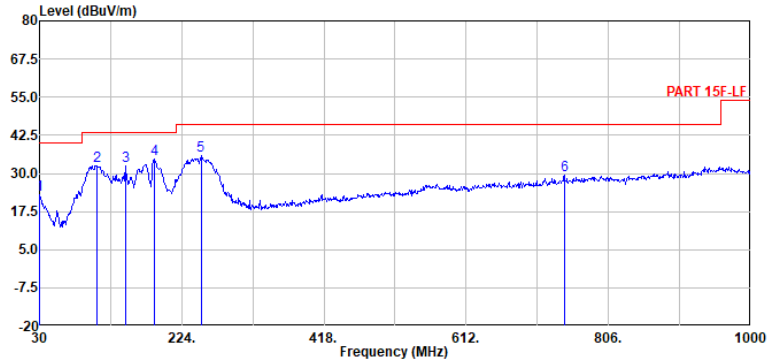
CH05 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	30.70	40.00	-9.30	37.62	25.39	0.71	33.02	--	--	Peak	Vertical
2	55.22	33.21	40.00	-6.79	52.60	12.42	1.11	32.92	--	--	Peak	Vertical
3	109.54	31.34	43.50	-12.16	45.60	17.02	1.58	32.86	--	--	Peak	Vertical
4	253.10	32.74	46.00	-13.26	43.72	19.36	2.43	32.77	--	--	Peak	Vertical
5	647.89	27.08	46.00	-18.92	29.49	26.66	3.88	32.95	--	--	Peak	Vertical
6	880.69	29.72	46.00	-16.28	27.92	29.29	4.54	32.03	--	--	Peak	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

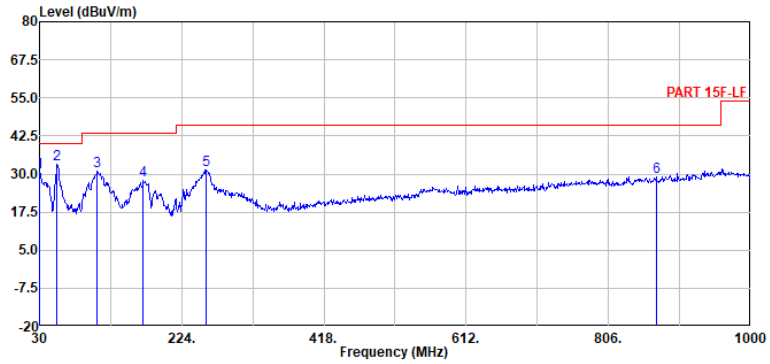
CH09 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	23.08	40.00	-16.92	29.81	25.39	0.71	32.83	--	--	Peak	Horizontal
2	108.57	32.60	43.50	-10.90	46.98	16.94	1.57	32.89	--	--	Peak	Horizontal
3	147.37	32.54	43.50	-10.96	46.26	17.35	1.84	32.91	--	--	Peak	Horizontal
4	187.14	34.89	43.50	-8.61	50.70	15.06	2.08	32.95	--	--	Peak	Horizontal
5	250.19	35.89	46.00	-10.11	47.43	18.91	2.42	32.87	--	--	Peak	Horizontal
6	745.86	29.26	46.00	-16.74	29.94	28.01	4.18	32.87	--	--	Peak	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

CH09 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	3m

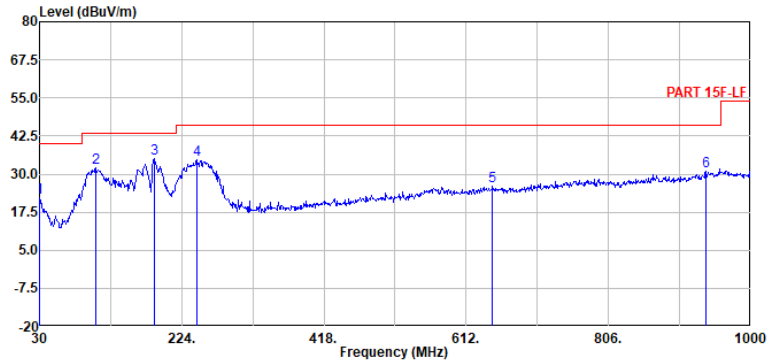


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	30.73	40.00	-9.27	37.46	25.39	0.71	32.83	--	--	Peak	Vertical
2	54.25	33.04	40.00	-6.96	52.25	12.67	1.10	32.98	--	--	Peak	Vertical
3	108.57	30.76	43.50	-12.74	45.14	16.94	1.57	32.89	--	--	Peak	Vertical
4	171.62	28.10	43.50	-15.40	43.13	15.91	1.99	32.93	--	--	Peak	Vertical
5	257.95	31.41	46.00	-14.59	41.74	20.11	2.45	32.89	--	--	Peak	Vertical
6	870.99	29.18	46.00	-16.82	27.71	29.12	4.51	32.16	--	--	Peak	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

<Ant.9>

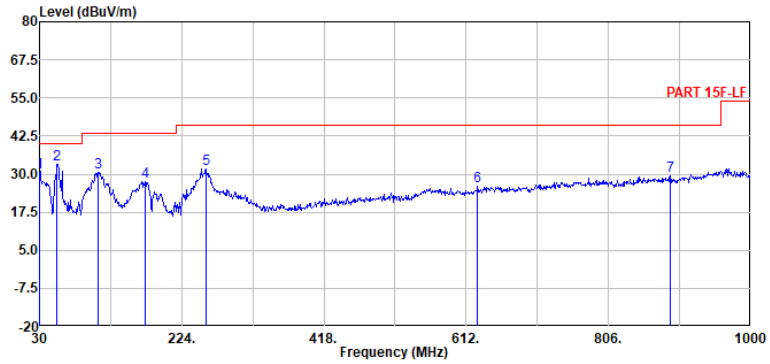
CH05 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	22.36	40.00	-17.64	29.09	25.39	0.71	32.83	--	--	Peak	Horizontal
2	106.63	31.93	43.50	-11.57	46.48	16.77	1.56	32.88	--	--	Peak	Horizontal
3	186.17	35.04	43.50	-8.46	50.85	15.07	2.07	32.95	--	--	Peak	Horizontal
4	244.37	34.74	46.00	-11.26	47.18	18.05	2.39	32.88	--	--	Peak	Horizontal
5	647.89	25.93	46.00	-20.07	28.57	26.66	3.88	33.18	--	--	Peak	Horizontal
6	938.89	30.97	46.00	-15.03	27.42	30.49	4.68	31.62	--	--	Peak	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

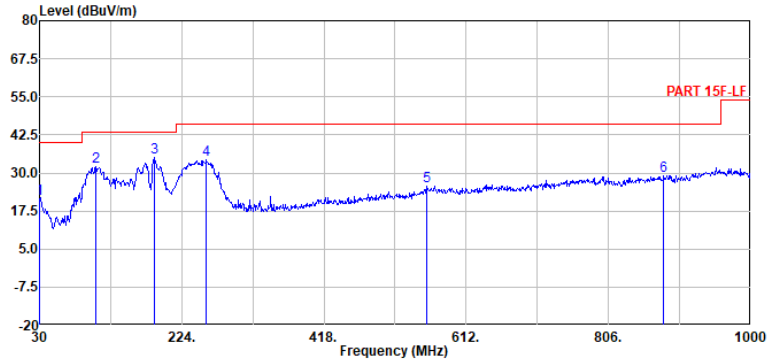
CH05 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	30.73	40.00	-9.27	37.46	25.39	0.71	32.83	--	--	Peak	Vertical
2	54.25	33.36	40.00	-6.64	52.57	12.67	1.10	32.98	--	--	Peak	Vertical
3	109.54	30.68	43.50	-12.82	44.97	17.02	1.58	32.89	--	--	Peak	Vertical
4	173.56	27.66	43.50	-15.84	42.82	15.77	2.00	32.93	--	--	Peak	Vertical
5	256.98	31.69	46.00	-14.31	42.17	19.96	2.45	32.89	--	--	Peak	Vertical
6	627.52	26.00	46.00	-20.00	29.25	26.07	3.82	33.14	--	--	Peak	Vertical
7	890.39	29.61	46.00	-16.39	27.88	29.19	4.56	32.02	--	--	Peak	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

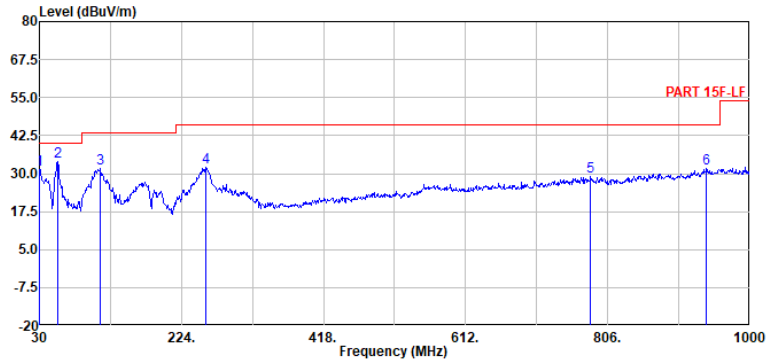
CH09 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	3m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	21.58	40.00	-18.42	28.31	25.39	0.71	32.83	--	--	Peak	Horizontal
2	106.63	32.08	43.50	-11.42	46.63	16.77	1.56	32.88	--	--	Peak	Horizontal
3	187.14	35.21	43.50	-8.29	51.02	15.06	2.08	32.95	--	--	Peak	Horizontal
4	257.95	34.16	46.00	-11.84	44.49	20.11	2.45	32.89	--	--	Peak	Horizontal
5	557.68	25.69	46.00	-20.31	29.11	26.09	3.60	33.11	--	--	Peak	Horizontal
6	881.66	29.05	46.00	-16.95	27.31	29.28	4.54	32.08	--	--	Peak	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

CH09 Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	3m



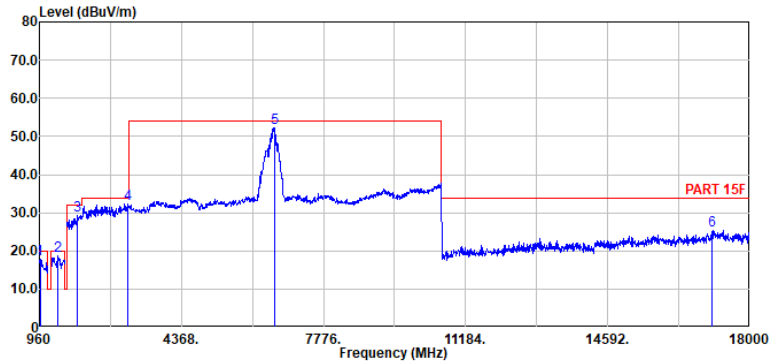
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		
1	30.00	31.33	40.00	-8.67	38.06	25.39	0.71	32.83	--	--	Peak	Vertical
2	55.22	34.05	40.00	-5.95	53.51	12.42	1.11	32.99	--	--	Peak	Vertical
3	113.42	31.61	43.50	-11.89	45.54	17.35	1.61	32.89	--	--	Peak	Vertical
4	257.95	31.99	46.00	-14.01	42.32	20.11	2.45	32.89	--	--	Peak	Vertical
5	782.72	29.19	46.00	-16.81	29.34	28.33	4.28	32.76	--	--	Peak	Vertical
6	940.83	31.73	46.00	-14.27	28.08	30.56	4.69	31.60	--	--	Peak	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

3.5.8 Radiated Emissions (960MHz – 18GHz)

<Ant.7>

CH05 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

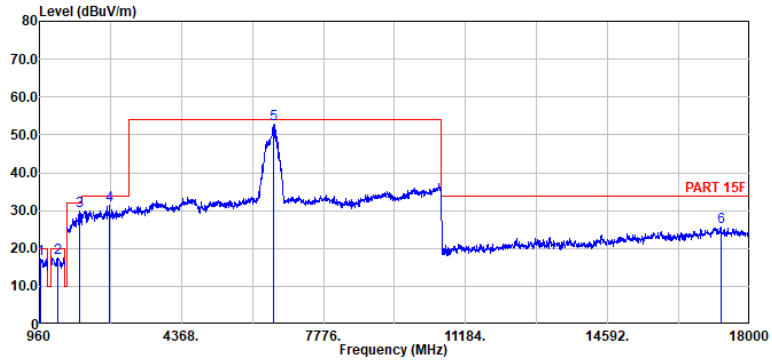


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	974.28	17.70	19.93	-2.23	65.22	28.57	4.55	65.08	-15.56	--	--	Average	Horizontal
2	1410.03	18.60	19.93	-1.33	59.46	28.42	5.46	65.20	-9.54	100	186	Average	Horizontal
3	1867.77	29.30	31.93	-2.63	57.78	30.50	6.27	65.25	0.00	--	--	Average	Horizontal
4	3086.59	32.35	33.93	-1.58	56.26	33.41	8.13	65.45	0.00	100	279	Average	Horizontal
5	6595.00	52.30	53.93	-1.63	70.47	35.50	12.09	65.76	0.00	--	--	Average	Horizontal
6	17104.60	25.45	33.93	-8.48	43.83	41.28	20.07	64.17	-15.56	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

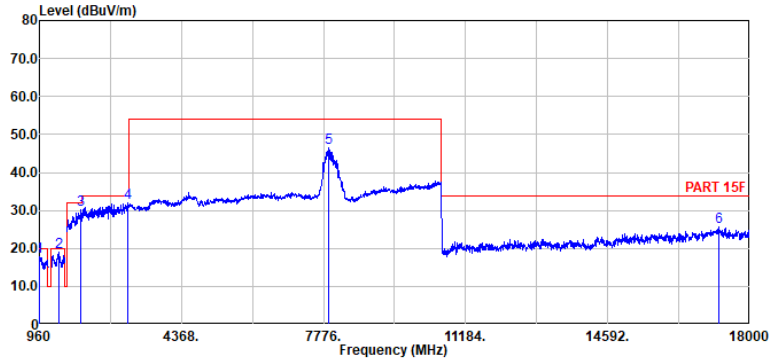


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	982.03	17.19	19.93	-2.74	64.66	28.61	4.56	65.08	-15.56	--	--	Average	Vertical
2	1408.11	17.54	19.93	-2.39	58.38	28.44	5.46	65.20	-9.54	--	--	Average	Vertical
3	1928.86	29.94	31.93	-1.99	57.85	30.98	6.38	65.27	0.00	--	--	Average	Vertical
4	2633.63	31.46	33.93	-2.47	57.17	32.43	7.49	65.63	0.00	--	--	Average	Vertical
5	6587.50	52.96	53.93	-0.97	71.14	35.50	12.08	65.76	0.00	--	--	Average	Vertical
6	17304.40	25.62	33.93	-8.31	44.09	41.24	20.20	64.35	-15.56	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

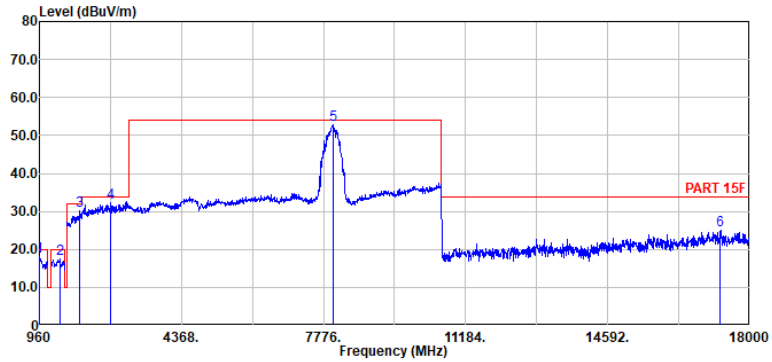


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	961.43	17.89	19.93	-2.04	65.50	28.51	4.53	65.09	-15.56	--	--	Average	Horizontal
2	1418.96	18.89	19.93	-1.04	59.81	28.35	5.48	65.21	-9.54	100	248	Average	Horizontal
3	1954.19	30.28	31.93	-1.65	57.84	31.30	6.42	65.28	0.00	144	128	Average	Horizontal
4	3080.63	32.08	33.93	-1.85	56.04	33.36	8.12	65.44	0.00	177	167	Average	Horizontal
5	7907.50	46.39	53.93	-7.54	63.99	36.10	13.28	66.98	0.00	--	--	Average	Horizontal
6	17245.20	25.71	33.93	-8.22	44.16	41.25	20.16	64.30	-15.56	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		



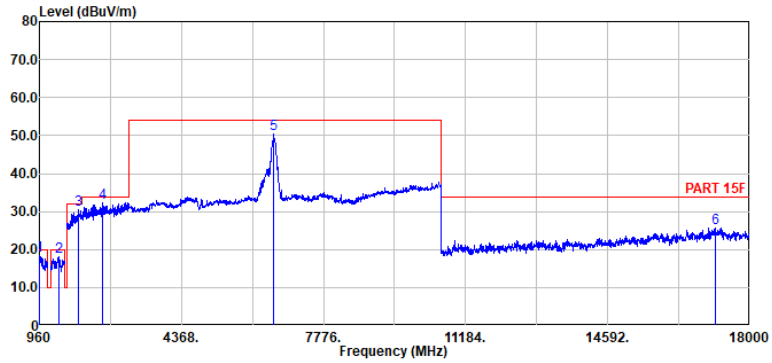
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	968.16	18.04	19.93	-1.89	65.61	28.54	4.54	65.09	-15.56	100	268	Average	Vertical
2	1445.12	17.37	19.93	-2.56	58.49	28.14	5.52	65.24	-9.54	--	--	Average	Vertical
3	1927.37	30.16	31.93	-1.77	58.10	30.96	6.37	65.27	0.00	100	279	Average	Vertical
4	2669.39	32.36	33.93	-1.57	58.06	32.36	7.53	65.59	0.00	100	147	Average	Vertical
5	8012.50	52.83	53.93	-1.10	70.44	36.11	13.36	67.08	0.00	--	--	Average	Vertical
6	17297.00	25.15	33.93	-8.78	43.62	41.24	20.20	64.35	-15.56	100	360	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

<Ant.9>

CH05 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

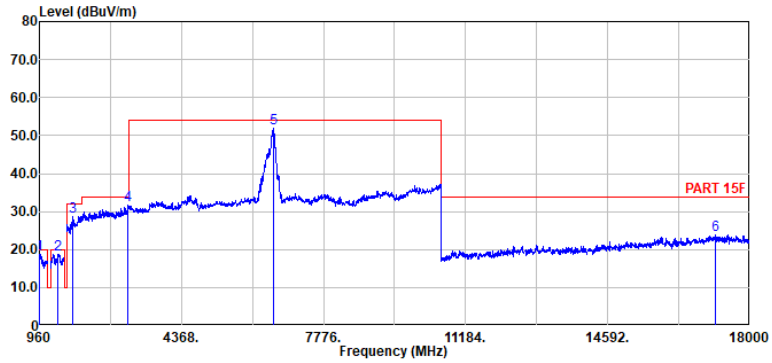


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	961.22	18.28	19.93	-1.65	65.89	28.51	4.53	65.09	-15.56	100	215	Average	Horizontal
2	1420.55	18.22	19.93	-1.71	59.15	28.34	5.48	65.21	-9.54	100	336	Average	Horizontal
3	1893.10	30.37	31.93	-1.56	58.73	30.58	6.31	65.25	0.00	124	175	Average	Horizontal
4	2484.63	32.19	33.93	-1.74	58.11	32.52	7.26	65.70	0.00	147	157	Average	Horizontal
5	6580.00	50.38	53.93	-3.55	68.55	35.50	12.08	65.75	0.00	--	--	Average	Horizontal
6	17178.60	25.79	33.93	-8.14	44.21	41.26	20.12	64.24	-15.56	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

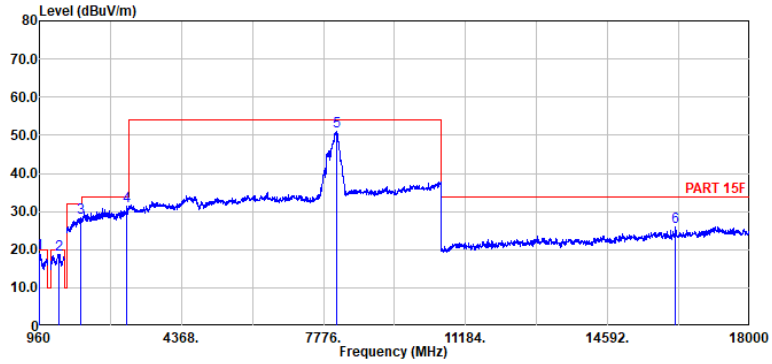


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	969.18	18.73	19.93	-1.20	66.29	28.55	4.54	65.09	-15.56	100	187	Average	Vertical
2	1399.18	18.79	19.93	-1.14	59.58	28.50	5.44	65.19	-9.54	100	331	Average	Vertical
3	1769.43	28.76	31.93	-3.17	58.19	29.84	6.10	65.37	0.00	100	360	Average	Vertical
4	3085.10	31.82	33.93	-2.11	55.74	33.40	8.13	65.45	0.00	100	360	Average	Vertical
5	6565.00	51.91	53.93	-2.02	70.10	35.50	12.06	65.75	0.00	100	296	Average	Vertical
6	17171.20	23.92	33.93	-10.01	42.32	41.27	20.12	64.23	-15.56	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	H
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		

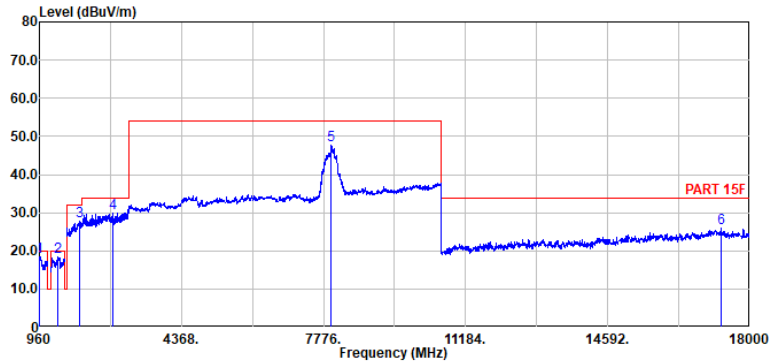


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	962.86	18.92	19.93	-1.01	66.53	28.51	4.53	65.09	-15.56	100	111	Average	Horizontal
2	1417.68	18.69	19.93	-1.24	59.61	28.36	5.47	65.21	-9.54	100	356	Average	Horizontal
3	1940.78	28.26	31.93	-3.67	56.01	31.13	6.40	65.28	0.00	100	348	Average	Horizontal
4	3058.28	31.25	33.93	-2.68	55.38	33.21	8.09	65.43	0.00	100	348	Average	Horizontal
5	8102.50	51.01	53.93	-2.92	68.88	36.21	13.46	67.54	0.00	100	112	Average	Horizontal
6	16224.00	25.97	33.93	-7.96	45.39	40.68	19.49	64.03	-15.56	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	V
Operating Function	Adapter Mode		
Test Distance	960 ~1164 MHz: 0.5m 1164 ~ 1610 MHz: 1m 1610 ~ 10600 MHz: 3m 10600 ~ 18000 MHz: 0.5m		



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	963.67	18.48	19.93	-1.45	66.07	28.52	4.54	65.09	-15.56	100	74	Average	Vertical
2	1412.26	18.42	19.93	-1.51	59.30	28.40	5.46	65.20	-9.54	100	97	Average	Vertical
3	1930.35	27.82	31.93	-4.11	55.72	30.99	6.38	65.27	0.00	100	69	Average	Vertical
4	2711.11	29.97	33.93	-3.96	55.65	32.27	7.59	65.54	0.00	100	69	Average	Vertical
5	7960.00	47.55	53.93	-6.38	65.13	36.10	13.32	67.00	0.00	253	312	Average	Vertical
6	17311.80	25.90	33.93	-8.03	44.37	41.24	20.21	64.36	-15.56	--	--	Average	Vertical

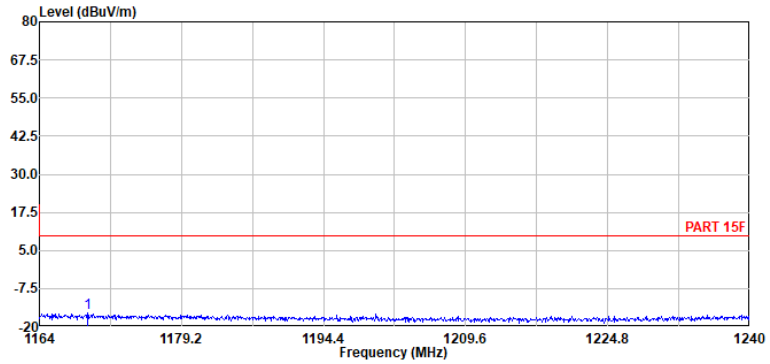
Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.
Note 6: #5 is fundamental signal.
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (0.5m/3m) = -15.56 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

3.5.9 Radiated Emissions (1164MHz – 1240MHz)

<Ant.7>

CH05 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

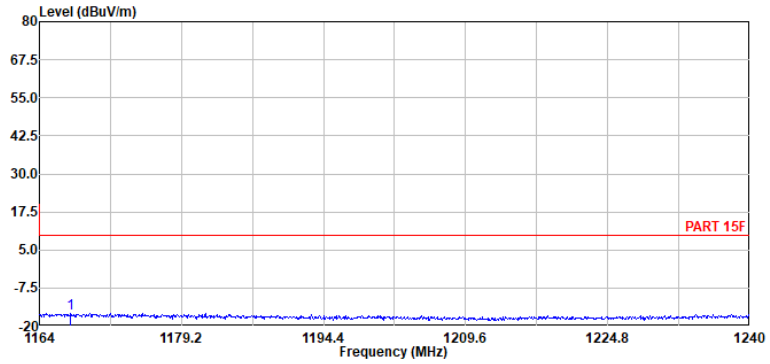


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1169.17	-15.65	9.93	-25.58	26.84	27.34	4.95	65.24	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

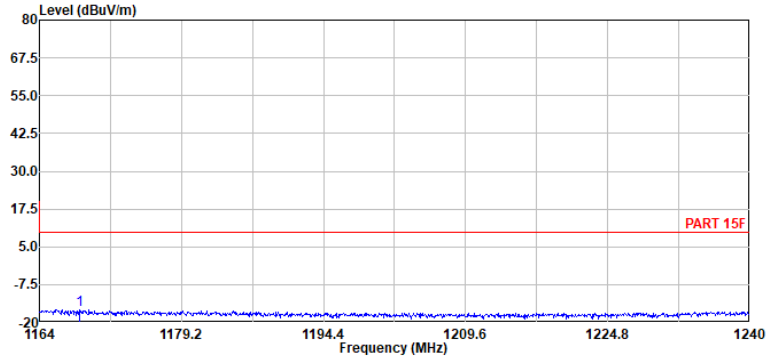


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1167.34	-15.75	9.93	-25.68	26.76	27.33	4.94	65.24	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

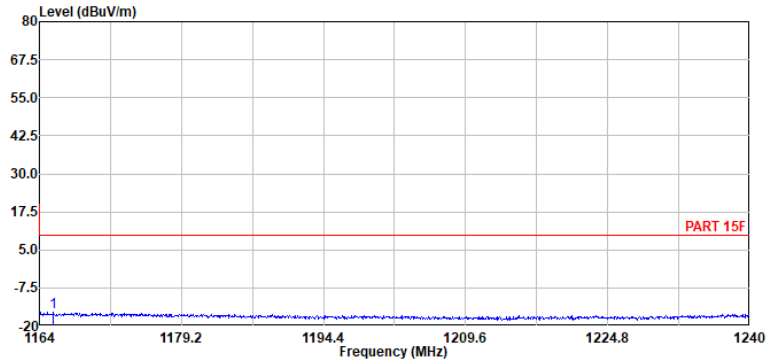


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1168.26	-15.69	9.93	-25.62	26.81	27.34	4.94	65.24	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



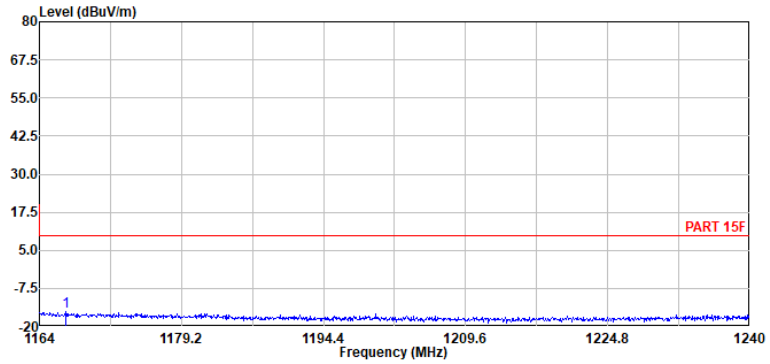
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1165.52	-15.48	9.93	-25.41	27.03	27.33	4.94	65.24	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

<Ant.9>

CH05 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

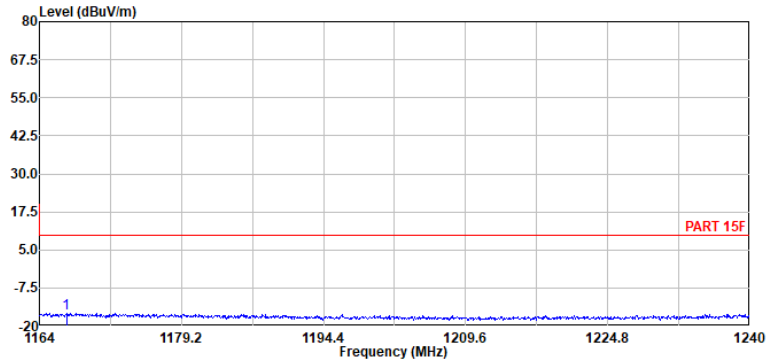


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1166.81	-15.25	9.93	-25.18	27.26	27.33	4.94	65.24	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

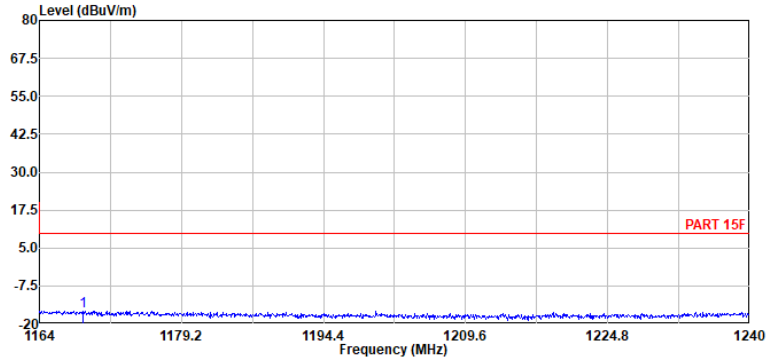


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1166.89	-15.73	9.93	-25.66	26.78	27.33	4.94	65.24	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

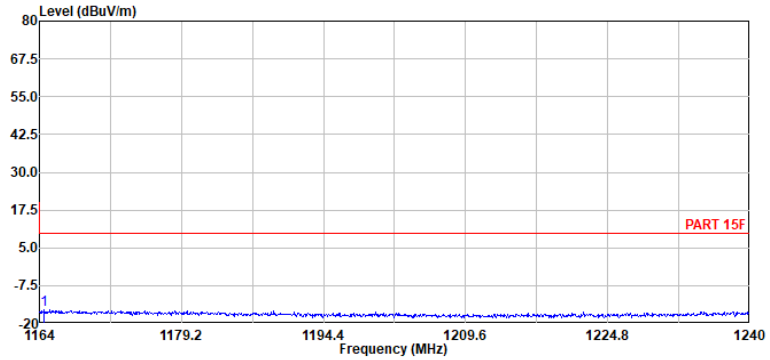


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1168.64	-15.74	9.93	-25.67	26.69	27.34	4.95	65.18	-9.54	100	163	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1164.53	-15.57	9.93	-25.50	26.88	27.33	4.94	65.18	-9.54	--	--	Average	Vertical

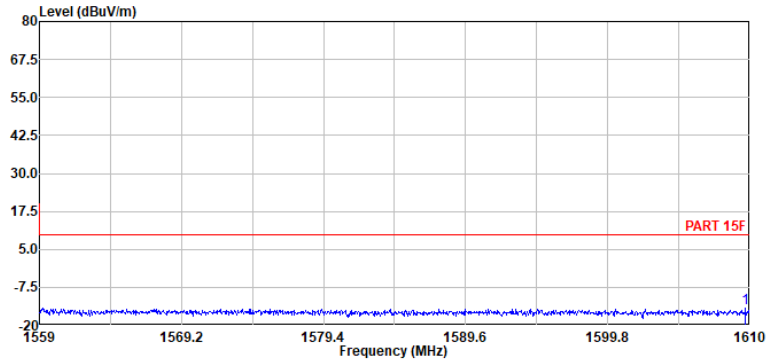
Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

3.5.10 Radiated Emissions (1559MHz – 1610MHz)

<Ant.7>

CH05 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

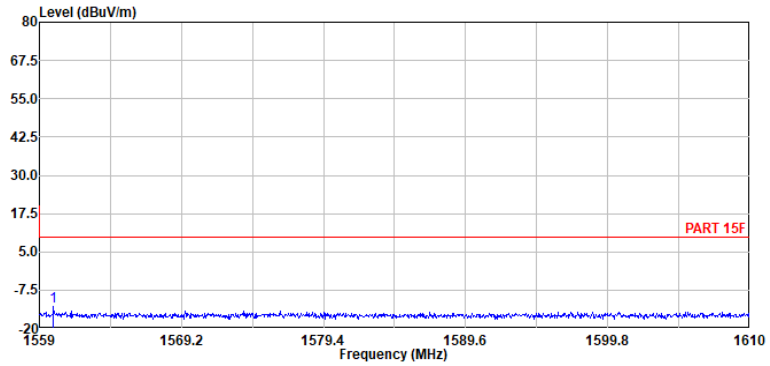


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1609.69	-14.44	9.93	-24.37	26.18	28.53	5.81	65.42	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

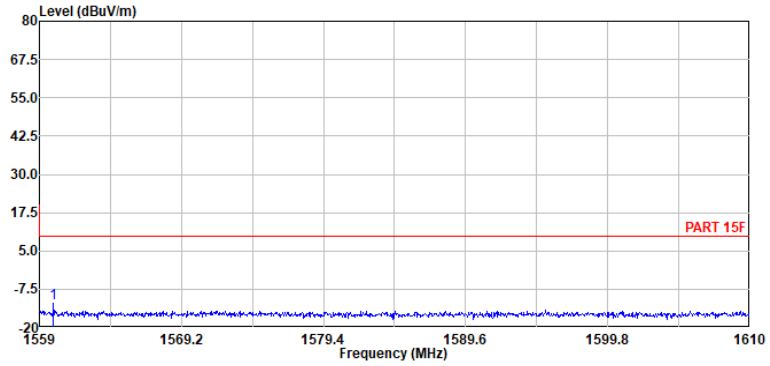


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-13.01	9.93	-22.94	27.99	28.18	5.73	65.37	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

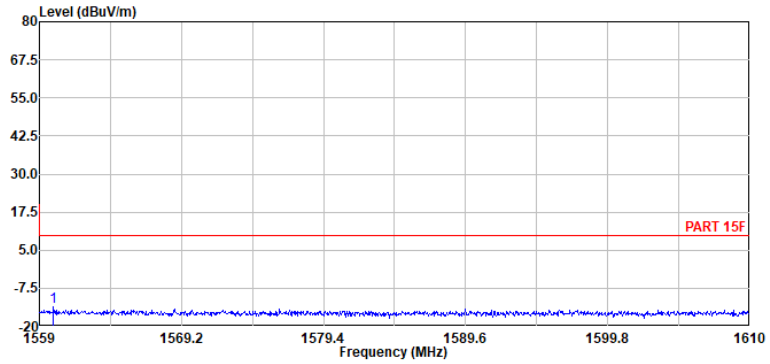


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-11.97	9.93	-21.90	29.03	28.18	5.73	65.37	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



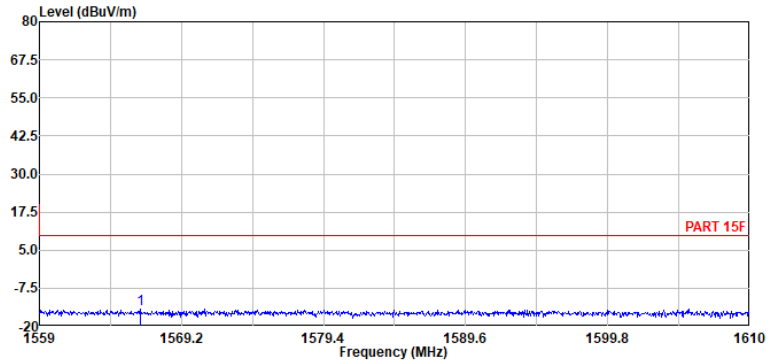
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-13.59	9.93	-23.52	27.41	28.18	5.73	65.37	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

<Ant.9>

CH05 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

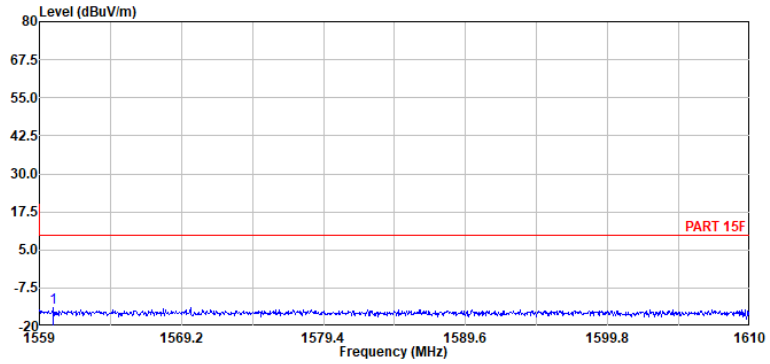


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1566.24	-14.37	9.93	-24.30	26.57	28.23	5.74	65.37	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

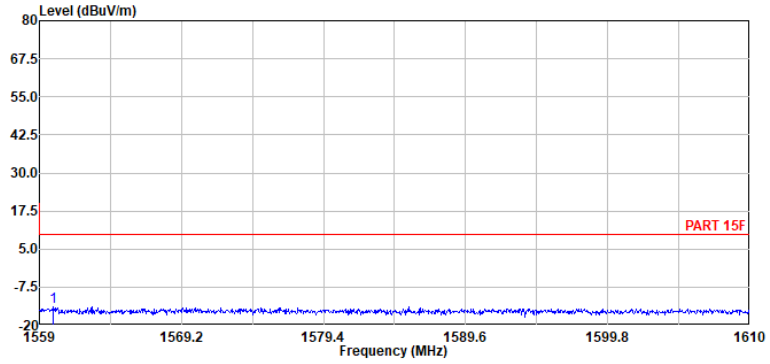


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-13.86	9.93	-23.79	27.14	28.18	5.73	65.37	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

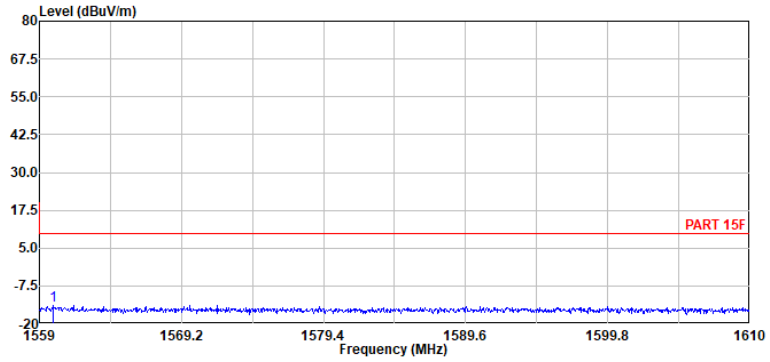


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-13.97	9.93	-23.90	26.86	28.18	5.73	65.20	-9.54	100	3	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	1560.02	-13.88	9.93	-23.81	26.95	28.18	5.73	65.20	-9.54	--	--	Average	Vertical

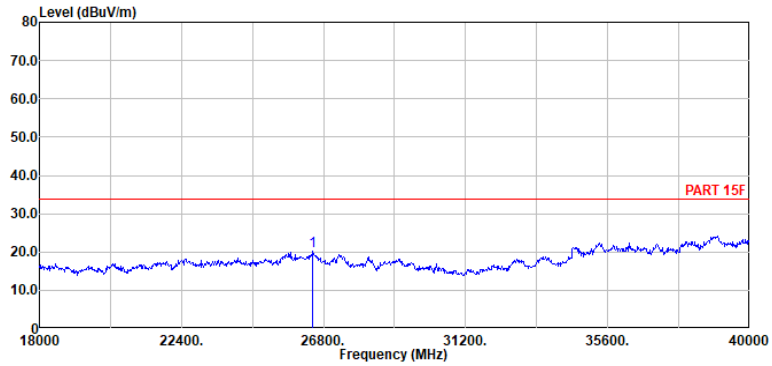
Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

3.5.11 Radiated Emissions (18GHz – 40GHz)

<Ant.7>

CH05 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

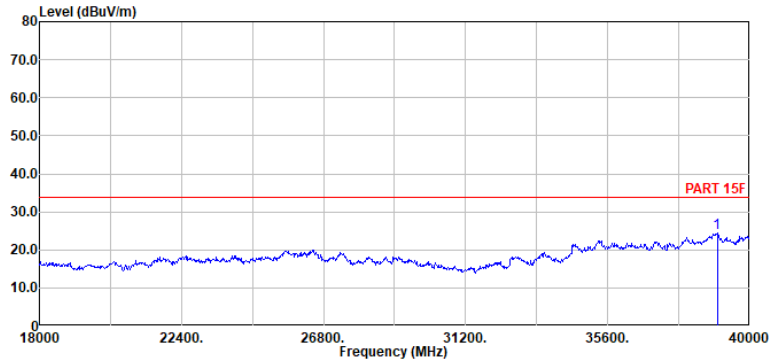


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	26470.00	20.15	33.93	-13.78	18.48	36.66	27.01	52.46	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 7: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

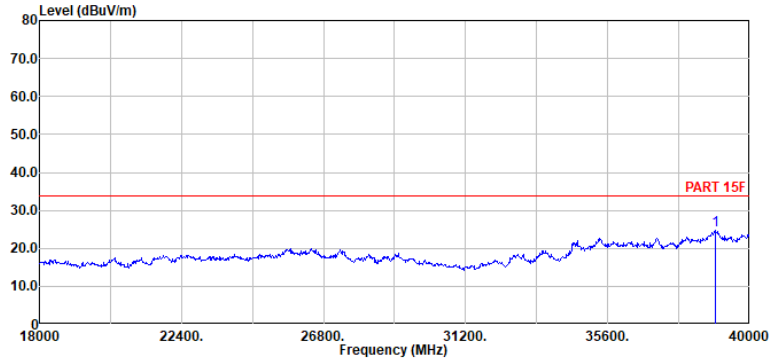


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38988.00	24.44	33.93	-9.49	13.02	40.89	34.82	54.75	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

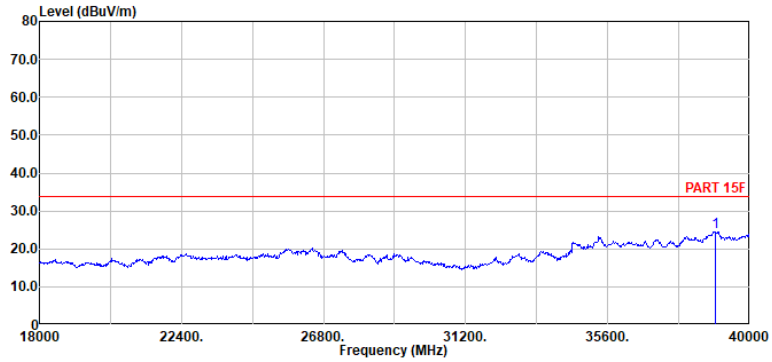


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38944.00	24.71	33.93	-9.22	13.39	40.86	34.77	54.77	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 19: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



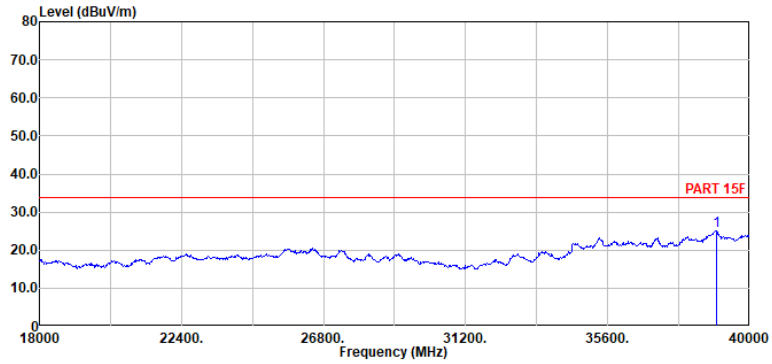
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38922.00	24.58	33.93	-9.35	13.31	40.85	34.74	54.78	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

<Ant.9>

CH05 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

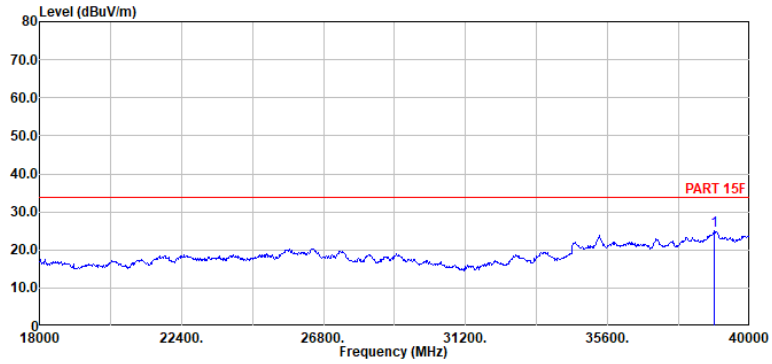


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38966.00	25.05	33.93	-8.88	13.67	40.88	34.80	54.76	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH05 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 31: cidx-11_sts-0_packet length-127	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m

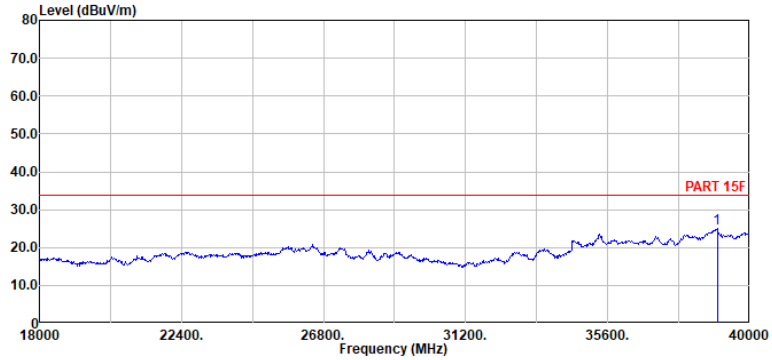


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38900.00	24.98	33.93	-8.95	13.76	40.83	34.72	54.79	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	H
Operating Function	Adapter Mode	**Test Distance**	1m

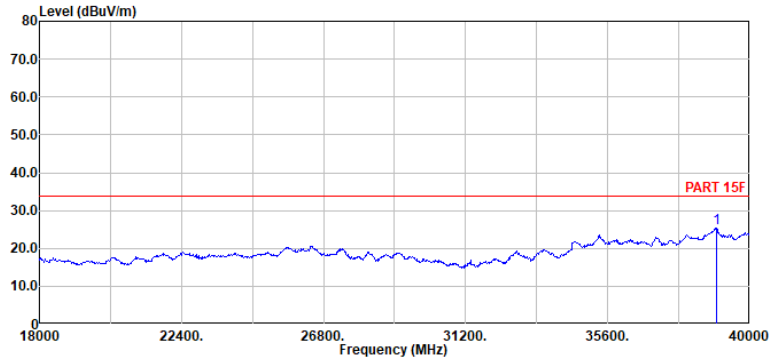


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38988.00	24.97	33.93	-8.96	13.55	40.89	34.82	54.75	-9.54	--	--	Average	Horizontal

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

CH09 Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 45: cidx-11_sts-3_packet length-0	**Polarization**	V
Operating Function	Adapter Mode	**Test Distance**	1m



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	38966.00	25.29	33.93	-8.64	13.91	40.88	34.80	54.76	-9.54	--	--	Average	Vertical

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.
Note 5:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
  Example: Distance extrapolation factor = 20log (1m/3m) = -9.54 (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Distance Factor (Aux Factor) (dB) = Level (dBuV/m)

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 16, 2023	Mar. 12, 2024	May 15, 2024	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 11, 2023	Mar. 12, 2024	Oct. 10, 2024	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 16, 2023	Mar. 12, 2024	May 15, 2024	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 11, 2023	Mar. 12, 2024	Oct. 10, 2024	Conduction (CO01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 10, 2023	Mar. 26, 2024	Oct. 09, 2024	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY57471084	10Hz~44GHz;Max 30dB	Jul. 12, 2023	Mar. 26, 2024	Jul. 11, 2024	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 10, 2023	Mar. 26, 2024	Oct. 09, 2024	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	Apr. 09, 2023	Mar. 26, 2024	Apr. 08, 2024	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218642	1GHz~18GHz	Apr. 06, 2023	Mar. 26, 2024	Apr. 05, 2024	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 05, 2024	Mar. 26, 2024	Jan. 04, 2025	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 06, 2023	Mar. 26, 2024	Jul. 05, 2024	Radiation (03CH05-KS)
Amplifier	EM	EM18G40GA	060852	18~40GHz	Jan. 05, 2024	Mar. 26, 2024	Jan. 04, 2025	Radiation (03CH05-KS)
high gain Amplifier	EM	EM01G18GA	060839	1Ghz-18Ghz	Oct. 10, 2023	Mar. 26, 2024	Oct. 09, 2024	Radiation (03CH05-KS)
Amplifier	EM	EM01G18GA	060833	1Ghz-18Ghz	Jan. 03, 2024	Mar. 26, 2024	Jan. 02, 2025	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Mar. 26, 2024	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Mar. 26, 2024	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Mar. 26, 2024	NCR	Radiation (03CH05-KS)

NCR: No Calibration Required.

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.84 dB**

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.3 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.28 dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.88 dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.26 dB**

---------- THE END ----------