FCC RADIO TEST REPORT

FCC ID	:	**A4RG8V0U**
Equipment	:	**Phone**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**47 CFR FCC Part 15.519**

The product was received on Jun. 25, 2021, and testing was performed from May 23, 2022 to Jun. 24, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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Appendix A. Setup Photographs

History of this test report

Report No.	Version	Description	Issued Date
FR121931-20	01	Initial issue of report	Jun. 29, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.2	15.203	Antenna Requirement	PASS	15.203
-	15.207	AC Power-line Conducted Emissions	Not Required	15.207
3.1	15.503	UWB Bandwidth	PASS	≥ 500MHz
-	15.519(a)(1)	Technical requirements for Hand Held UWB systems	Not Required	15.519(a)(1)
3.2	15.519(e)	Peak Power Measurement	PASS	≤ 0 dBm/50MHz
3.3	15.519(c) /15.519(d)	Radiated Emissions	PASS	UWB Emissions: 15.519(c) GPS Emissions: 15.519(d) Digital Emissions: 15.209

Note: This is a variant report by turning on UWB Antenna Tx function via Software version. All the test cases were performed on original report which can be referred to Sporton Report Number FR121931-04J. Based on the original report, the test cases were verified.

Declaration of Conformity:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to this report "Measurement Uncertainty".
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: William Chen

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
FCC ID	A4RG8V0U
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/ WPC/WPT/UWB WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
S/N	Performed Test Item
16011FDEE0009P	Equivalent Isotropic Radiated Power
16011FDEE0009P	Radiated Spurious Emission

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Channel Number & Tx/Rx Frequency Range	CH05: 6489.6 MHz CH09: 7987.2 MHz
Antenna Type	**<UWB Ant.1>:** Patch Antenna **<UWB Ant.2>:** Patch Antenna **<UWB Ant.3>:** ILA Antenna
Antenna Gain	**<UWB Ant.1>:** CH05: -0.27 dBi **<UWB Ant.2>:** CH09: 3.46 dBi **<UWB Ant.3>:** CH05: 2.78 dBi CH09: 2.84 dBi
Type of Modulation	BPM-BPSK

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Type of EUT

Operational Condition	
EUT Power Type	Battery
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:

1.4 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 15
- ANSI C63.10-2013
- FCC KDB 414788 D01 Radiated Test Site v01r01

Remark: The TAF code is not including all the FCC KDB listed without accreditation.

1.5 Testing Location Information

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH20-HY

Note: The test site complies with ANSI C63.4 2014 requirement.
FCC designation No.: TW3786

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH20-HY	JC Liang and Bill Chang	19~21 °C 65~69 %	May 23, 2022~ May 25, 2022

1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1000MHz)	5.90 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.20 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.70 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Mode

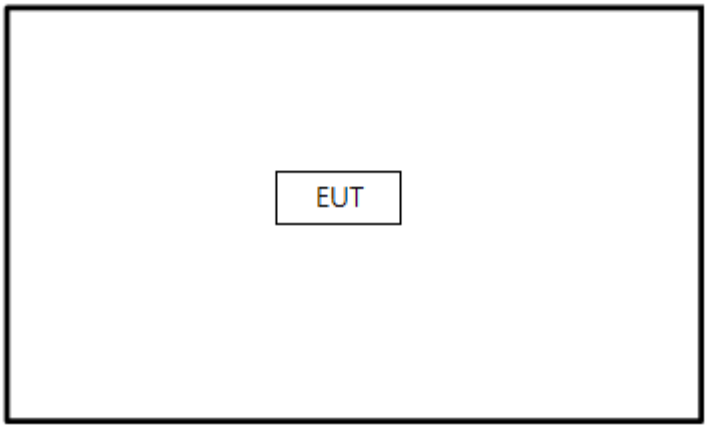
Test Configuration					
Mode	UWB Antenna	UWB Channel	preamble_cidx	rx_sts_mode	packet_length
1	1	5	9	0	125
2	1	5	9	1	125
3	1	5	9	3	0
4	1	5	10	0	125
5	1	5	10	1	125
6	1	5	10	3	0
7	1	5	11	0	125
8	1	5	11	1	125
9	1	5	11	3	0
10	1	5	12	0	125
11	1	5	12	1	125
12	1	5	12	3	0
13	2	9	9	0	125
14	2	9	9	1	125
15	2	9	9	3	0
16	2	9	10	0	125
17	2	9	10	1	125
18	2	9	10	3	0
19	2	9	11	0	125
20	2	9	11	1	125
21	2	9	11	3	0
22	2	9	12	0	125
23	2	9	12	1	125
24	2	9	12	3	0

Test Configuration					
Mode	UWB Antenna	UWB Channel	preamble_cidx	rx_sts_mode	packet_length
25	3	5	9	0	125
26	3	5	9	1	125
27	3	5	9	3	0
28	3	5	10	0	125
29	3	5	10	1	125
30	3	5	10	3	0
31	3	5	11	0	125
32	3	5	11	1	125
33	3	5	11	3	0
34	3	5	12	0	125
35	3	5	12	1	125
36	3	5	12	3	0
37	3	9	9	0	125
38	3	9	9	1	125
39	3	9	9	3	0
40	3	9	10	0	125
41	3	9	10	1	125
42	3	9	10	3	0
43	3	9	11	0	125
44	3	9	11	1	125
45	3	9	11	3	0
46	3	9	12	0	125
47	3	9	12	1	125
48	3	9	12	3	0

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests			
Tests Item	UWB Bandwidth, Peak Power Measurement, Radiated Emissions		
Test Condition	Radiated measurement		
Operating Mode	CTX		
1	Standalone 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 Plane of Ant. 1_CH05	V		
Worst Plane of Ant. 2_CH09		V	
Worst Plane of Ant. 3_CH05	V		
Worst Plane of Ant. 3_CH09	V		
Remark: 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 accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find as worst plane, and recorded in this report.			

2.3 Test Setup Diagram

Test Setup Diagram - Radiated Test


3 Transmitter Test Result

3.1 UWB bandwidth

3.1.1 UWB bandwidth Limit

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

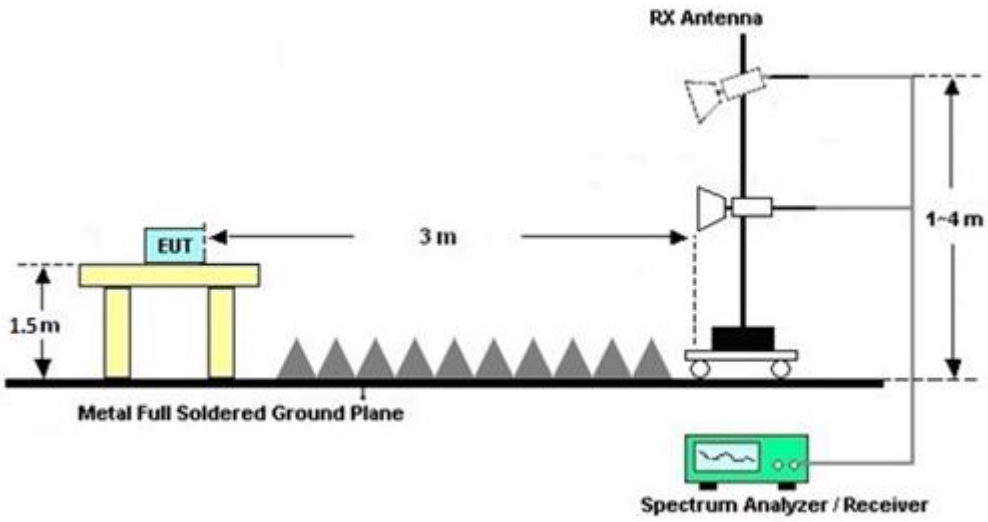
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
■ For the UWB bandwidth shall be measured using one of the options below:	
	■ Refer as ANSI C63.10, clause 6.9.2 and clause 10.1 for UWB bandwidth testing.

3.1.4 Test Setup

UWB Bandwidth - Test Distance: 3m


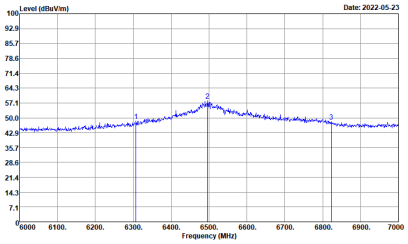
3.1.5 Test Result of UWB Bandwidth

Test mode	F_L (MHz)	F_H (MHz)	UWB Bandwidth (MHz)	Bandwidth limit (MHz)	Result	Pol [H/V]
1	6307	6823	516	≥ 500	Pass	V
2	6306	6819	513	≥ 500	Pass	V
3	6300	6810	510	≥ 500	Pass	V
4	6318	6819	501	≥ 500	Pass	V
5	6318	6833	515	≥ 500	Pass	V
6	6271	6828	557	≥ 500	Pass	V
7	6302	6816	514	≥ 500	Pass	V
8	6273	6809	536	≥ 500	Pass	V
9	6302	6812	510	≥ 500	Pass	V
10	6308	6812	504	≥ 500	Pass	V
11	6311	6813	502	≥ 500	Pass	V
12	6261	6794	533	≥ 500	Pass	V
13	7720	8234	514	≥ 500	Pass	H
14	7706	8237	531	≥ 500	Pass	H
15	7706	8237	531	≥ 500	Pass	H
16	7717	8227	510	≥ 500	Pass	H
17	7706	8237	531	≥ 500	Pass	H
18	7728	8237	509	≥ 500	Pass	H
19	7723	8231	508	≥ 500	Pass	H
20	7706	8238	532	≥ 500	Pass	H
21	7706	8237	531	≥ 500	Pass	H
22	7706	8215	509	≥ 500	Pass	H
23	7707	8237	530	≥ 500	Pass	H
24	7701	8239	538	≥ 500	Pass	H

Test mode	F_L (MHz)	F_H (MHz)	UWB Bandwidth (MHz)	Bandwidth limit (MHz)	Result	Pol [H/V]
25	6222	6742	520	≥ 500	Pass	H
26	6209	6741	532	≥ 500	Pass	H
27	6226	6740	514	≥ 500	Pass	H
28	6220	6759	539	≥ 500	Pass	H
29	6209	6739	530	≥ 500	Pass	H
30	6228	6739	511	≥ 500	Pass	H
31	6225	6751	526	≥ 500	Pass	H
32	6223	6771	548	≥ 500	Pass	H
33	6226	6756	530	≥ 500	Pass	H
34	6126	6844	718	≥ 500	Pass	H
35	6230	6740	510	≥ 500	Pass	H
36	6224	6741	517	≥ 500	Pass	H
37	7735	8251	516	≥ 500	Pass	H
38	7729	8268	539	≥ 500	Pass	H
39	7737	8268	531	≥ 500	Pass	H
40	7741	8257	516	≥ 500	Pass	H
41	7737	8268	531	≥ 500	Pass	H
42	7738	8261	523	≥ 500	Pass	H
43	7732	8252	520	≥ 500	Pass	H
44	7737	8268	531	≥ 500	Pass	H
45	7738	8268	530	≥ 500	Pass	H
46	7671	8340	669	≥ 500	Pass	H
47	7738	8268	530	≥ 500	Pass	H
48	7737	8255	518	≥ 500	Pass	H

Ant. 1 CH05_UWB Bandwidth

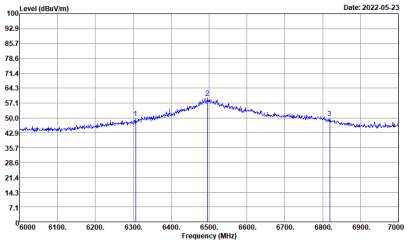
Mode 1: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x3f3f343f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6307.00	48.47	------	------	37.59	34.33	14.39	37.84	---	--- Peak
2	6496.00	58.18	------	------	46.27	35.08	14.58	37.75	---	--- Peak
3	6823.00	48.24	------	------	35.55	35.81	14.97	38.09	---	--- Peak

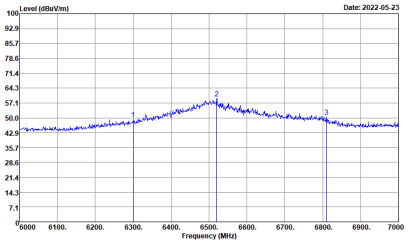
Mode 2: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6306.00	49.97	------	------	39.11	34.32	14.38	37.84	---	--- Peak
2	6496.00	59.51	------	------	47.60	35.08	14.58	37.75	---	--- Peak
3	6819.00	49.80	------	------	37.09	35.82	14.97	38.08	---	--- Peak

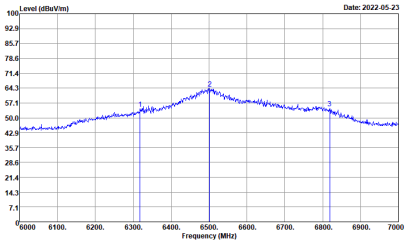
Mode 3: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x4f4f444f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6300.00	49.31	------	------	38.47	34.30	14.38	37.84	---	--- Peak
2	6520.00	59.21	------	------	47.17	35.22	14.59	37.77	---	--- Peak
3	6810.00	50.29	------	------	37.55	35.86	14.95	38.07	---	--- Peak

Mode 4: cidx-10_sts-0_packet length-125

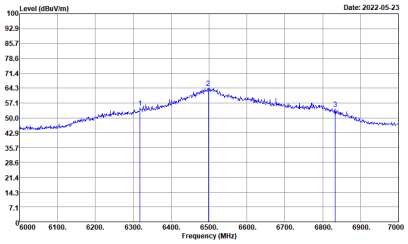


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6318.00	54.32	------	------	43.38	34.37	14.40	37.83	---	--- Peak
2	6502.00	64.15	------	------	52.21	35.11	14.58	37.75	---	--- Peak
3	6819.00	54.59	------	------	41.88	35.82	14.97	38.08	---	--- Peak

Ant. 1 CH05_UWB Bandwidth

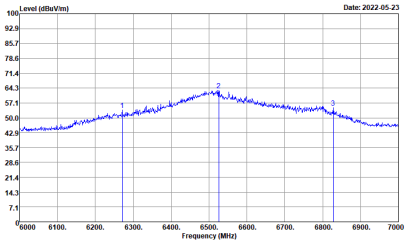
Mode 5: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
P6 Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6318.00	54.93	------	------	43.99	34.37	14.40	37.83	---	---	Peak
2	6498.00	64.23	------	------	52.31	35.09	14.58	37.75	---	---	Peak
3	6833.00	54.38	------	------	41.72	35.77	14.99	38.10	---	---	Peak

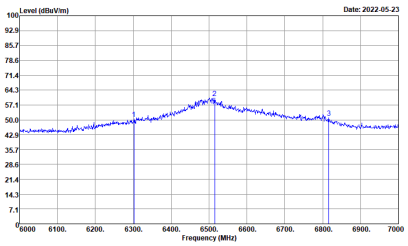
Mode 6: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0xbfbf9cbf
P6 Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6271.00	53.88	------	------	43.17	34.24	14.33	37.86	---	---	Peak
2	6526.00	63.35	------	------	51.28	35.26	14.59	37.78	---	---	Peak
3	6828.00	54.87	------	------	42.19	35.79	14.98	38.09	---	---	Peak

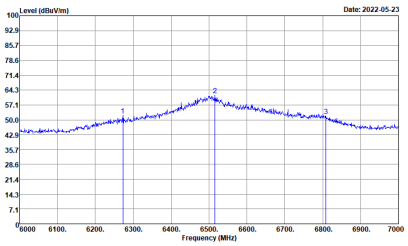
Mode 7: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x5f5f505f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6302.00	50.51	------	------	39.66	34.31	14.38	37.84	---	---	Peak
2	6515.00	60.35	------	------	48.34	35.19	14.59	37.77	---	---	Peak
3	6816.00	51.11	------	------	38.39	35.84	14.96	38.08	---	---	Peak

Mode 8: cidx-11_sts-1_packet length-125

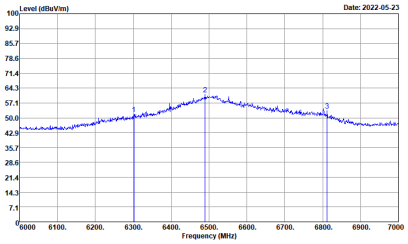


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x6f6f5c6f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6273.00	52.09	------	------	41.36	34.25	14.33	37.85	---	---	Peak
2	6516.00	61.79	------	------	49.77	35.20	14.59	37.77	---	---	Peak
3	6809.00	51.92	------	------	39.18	35.86	14.95	38.07	---	---	Peak

Ant. 1 CH05_UWB Bandwidth

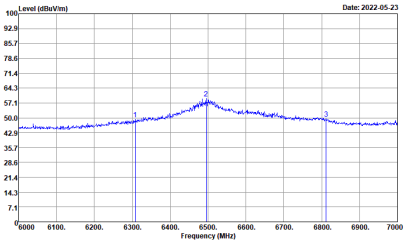
Mode 9: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x6f6f5c6f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6302.00	51.76	------	------	40.91	34.31	14.38	37.84	---	---	Peak
2	6490.00	61.37	------	------	49.51	35.04	14.57	37.75	---	---	Peak
3	6812.00	53.48	------	------	40.74	35.85	14.96	38.07	---	---	Peak

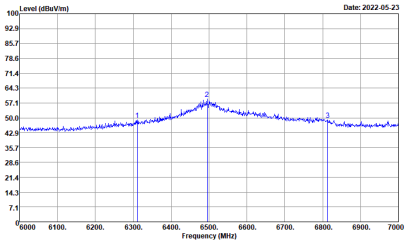
Mode 10: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x3f3f343f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6308.00	49.36	------	------	38.48	34.33	14.39	37.84	---	---	Peak
2	6495.00	59.31	------	------	47.41	35.07	14.58	37.75	---	---	Peak
3	6812.00	49.48	------	------	36.74	35.85	14.96	38.07	---	---	Peak

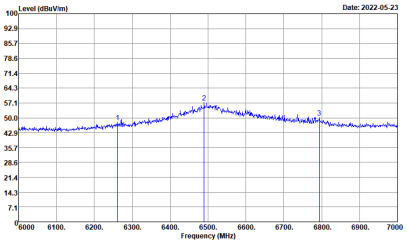
Mode 11: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x3f3f343f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6311.00	48.97	------	------	38.08	34.34	14.39	37.84	---	---	Peak
2	6495.00	58.96	------	------	47.06	35.07	14.58	37.75	---	---	Peak
3	6813.00	49.15	------	------	36.42	35.85	14.96	38.08	---	---	Peak

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

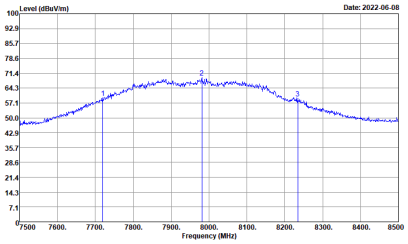


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x3f3f343f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6261.00	47.97	------	------	37.30	34.22	14.31	37.86	---	---	Peak
2	6490.00	57.47	------	------	45.61	35.04	14.57	37.75	---	---	Peak
3	6794.00	50.15	------	------	37.39	35.89	14.93	38.06	---	---	Peak

Ant. 2 CH09_UWB Bandwidth

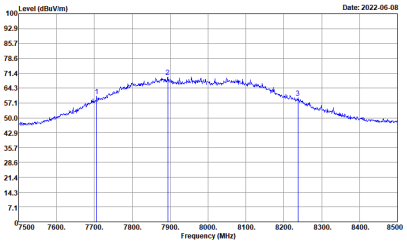
Mode 13: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7720.00	59.66	------	------	46.35	36.50	15.70	38.89	---	--- Peak
2	7981.00	69.30	------	------	55.16	37.10	16.18	39.14	---	--- Peak
3	8234.00	59.41	------	------	45.88	36.97	16.00	39.44	---	--- Peak

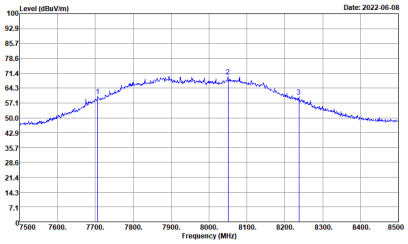
Mode 14: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7706.00	60.46	------	------	47.18	36.50	15.66	38.88	---	--- Peak
2	7894.00	69.52	------	------	55.52	36.99	16.07	39.06	---	--- Peak
3	8237.00	59.73	------	------	46.19	36.97	16.01	39.44	---	--- Peak

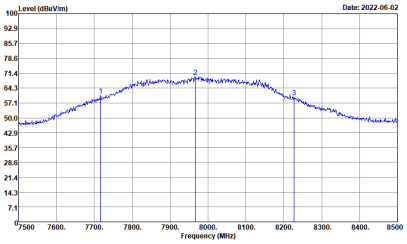
Mode 15: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7706.00	60.51	------	------	47.23	36.50	15.66	38.88	---	--- Peak
2	8050.00	70.02	------	------	56.01	37.10	16.13	39.22	---	--- Peak
3	8237.00	60.14	------	------	46.60	36.97	16.01	39.44	---	--- Peak

Mode 16: cidx-10_sts-0_packet length-125

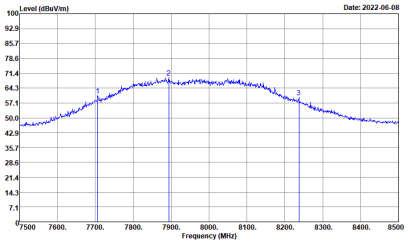


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0xeeeeb8ee
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7717.00	60.77	------	------	47.47	36.50	15.69	38.89	---	--- Peak
2	7967.00	69.73	------	------	55.60	37.10	16.16	39.13	---	--- Peak
3	8227.00	59.80	------	------	46.30	36.95	15.98	39.43	---	--- Peak

Ant. 2 CH09_UWB Bandwidth

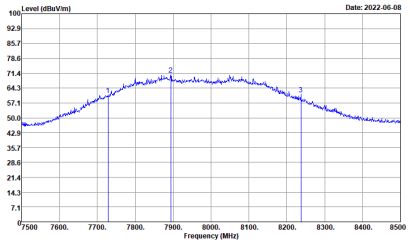
Mode 17: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7706.00	60.82	------	------	47.54	36.50	15.66	38.88	---	---	Peak
2	7894.00	69.27	------	------	55.27	36.99	16.07	39.06	---	---	Peak
3	8237.00	59.99	------	------	46.45	36.97	16.01	39.44	---	---	Peak

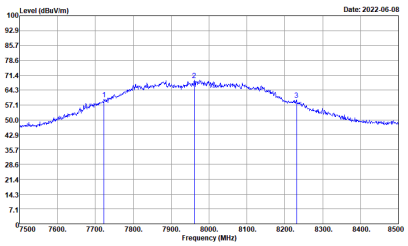
Mode 18: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0xeeeeeb8ee
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7728.00	60.87	------	------	47.54	36.50	15.73	38.90	---	---	Peak
2	7894.00	70.85	------	------	56.85	36.99	16.07	39.06	---	---	Peak
3	8237.00	61.35	------	------	47.81	36.97	16.01	39.44	---	---	Peak

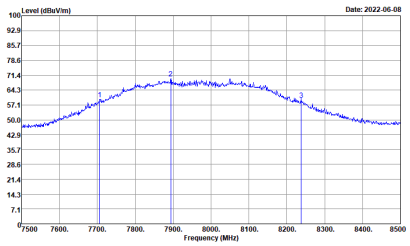
Mode 19: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7723.00	59.87	------	------	46.55	36.50	15.71	38.89	---	---	Peak
2	7961.00	69.15	------	------	55.02	37.10	16.15	39.12	---	---	Peak
3	8231.00	59.55	------	------	46.04	36.96	15.99	39.44	---	---	Peak

Mode 20: cidx-11_sts-1_packet length-125

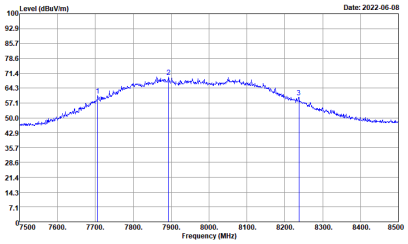


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7706.00	59.96	------	------	46.68	36.50	15.66	38.88	---	---	Peak
2	7894.00	69.91	------	------	55.91	36.99	16.07	39.06	---	---	Peak
3	8238.00	59.59	------	------	46.05	36.98	16.01	39.45	---	---	Peak

Ant. 2 CH09_UWB Bandwidth

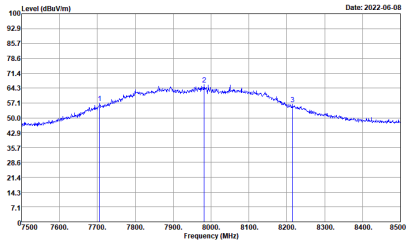
Mode 21: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0xcecea4ce
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7706.00	60.80	------	------	47.52	36.50	15.66	38.88	---	---	Peak
2	7893.00	69.66	------	------	55.66	36.99	16.07	39.06	---	---	Peak
3	8237.00	59.89	------	------	46.35	36.97	16.01	39.44	---	---	Peak

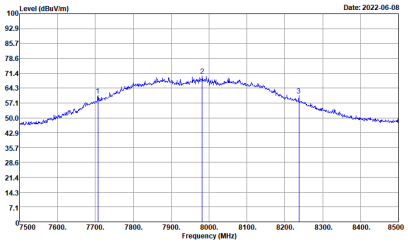
Mode 22: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x7e7e687e
P6 Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7706.00	57.17	------	------	43.89	36.50	15.66	38.88	---	---	Peak
2	7982.00	66.13	------	------	51.99	37.10	16.18	39.14	---	---	Peak
3	8215.00	56.61	------	------	43.14	36.93	15.96	39.42	---	---	Peak

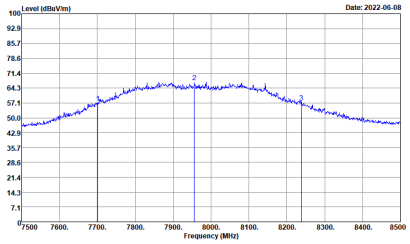
Mode 23: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xbebe9cbe
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7707.00	60.65	------	------	47.37	36.50	15.66	38.88	---	---	Peak
2	7982.00	70.14	------	------	56.00	37.10	16.18	39.14	---	---	Peak
3	8237.00	60.82	------	------	47.28	36.97	16.01	39.44	---	---	Peak

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

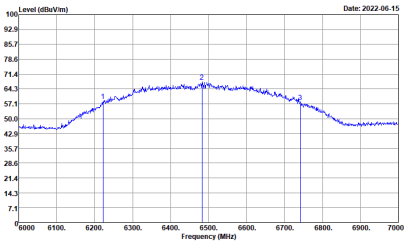


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0xbebe9cbe
P6 Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7701.00	57.06	------	------	43.79	36.50	15.64	38.87	---	---	Peak
2	7956.00	67.05	------	------	52.92	37.10	16.15	39.12	---	---	Peak
3	8239.00	57.26	------	------	43.72	36.98	16.01	39.45	---	---	Peak

Ant. 3 CH05_UWB Bandwidth

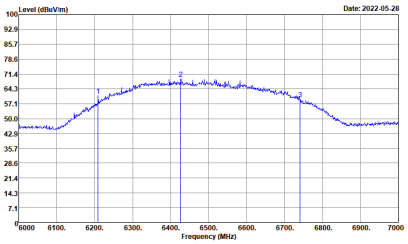
Mode 25: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6222.00	58.39	------	------	47.93	34.09	14.25	37.88	---	---	Peak
2	6483.00	67.74	------	------	55.93	35.00	14.57	37.76	---	---	Peak
3	6742.00	57.96	------	------	45.29	35.82	14.85	38.00	---	---	Peak

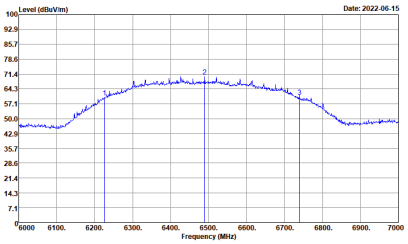
Mode 26: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6209.00	60.89	------	------	50.50	34.04	14.23	37.88	---	---	Peak
2	6427.00	69.20	------	------	57.73	34.71	14.54	37.78	---	---	Peak
3	6741.00	59.25	------	------	46.58	35.82	14.85	38.00	---	---	Peak

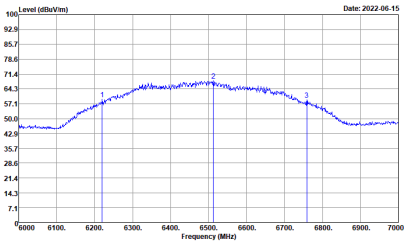
Mode 27: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6226.00	60.26	------	------	49.78	34.10	14.26	37.88	---	---	Peak
2	6490.00	70.25	------	------	58.39	35.04	14.57	37.75	---	---	Peak
3	6740.00	60.43	------	------	47.76	35.82	14.85	38.00	---	---	Peak

Mode 28: cidx-10_sts-0_packet length-125

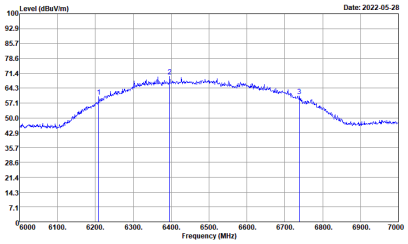


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6220.00	59.37	------	------	48.92	34.08	14.25	37.88	---	---	Peak
2	6513.00	68.23	------	------	56.22	35.18	14.59	37.76	---	---	Peak
3	6759.00	59.04	------	------	46.36	35.82	14.88	38.02	---	---	Peak

Ant. 3 CH05_UWB Bandwidth

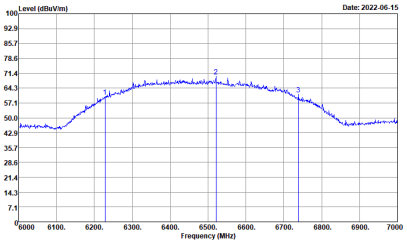
Mode 29: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6209.00	60.22	------	------	49.83	34.04	14.23	37.88	---	---	Peak
2	6396.00	70.00	------	------	58.69	34.59	14.52	37.80	---	---	Peak
3	6739.00	60.51	------	------	47.84	35.82	14.85	38.00	---	---	Peak

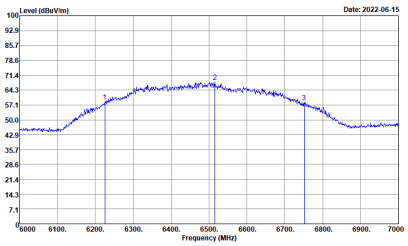
Mode 30: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6228.00	60.26	------	------	49.77	34.11	14.26	37.88	---	---	Peak
2	6521.00	69.97	------	------	57.92	35.23	14.59	37.77	---	---	Peak
3	6739.00	61.17	------	------	48.50	35.82	14.85	38.00	---	---	Peak

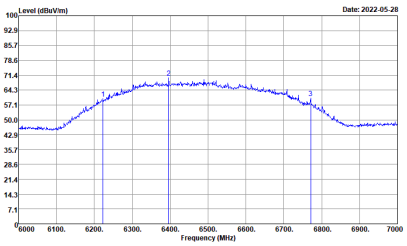
Mode 31: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6225.00	58.84	------	------	48.36	34.10	14.26	37.88	---	---	Peak
2	6516.00	68.26	------	------	56.24	35.20	14.59	37.77	---	---	Peak
3	6751.00	58.44	------	------	45.79	35.80	14.86	38.01	---	---	Peak

Mode 32: cidx-11_sts-1_packet length-125

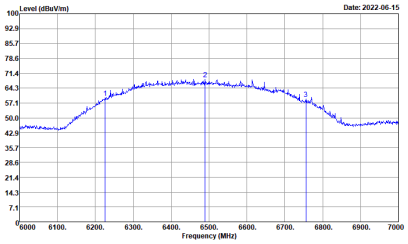


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6223.00	60.27	------	------	49.80	34.09	14.26	37.88	---	---	Peak
2	6396.00	70.14	------	------	58.83	34.59	14.52	37.80	---	---	Peak
3	6771.00	60.45	------	------	47.74	35.84	14.90	38.03	---	---	Peak

Ant. 3 CH05_UWB Bandwidth

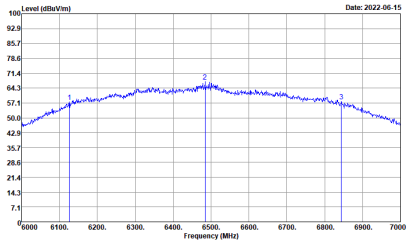
Mode 33: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6226.00	59.55	------	------	49.07	34.10	14.26	37.88	---	---	Peak
2	6490.00	68.57	------	------	56.71	35.04	14.57	37.75	---	---	Peak
3	6756.00	59.01	------	------	46.35	35.81	14.87	38.02	---	---	Peak

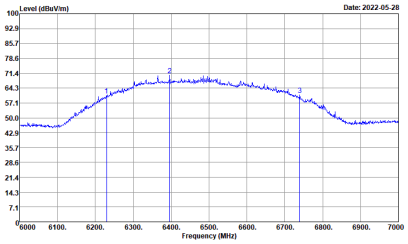
Mode 34: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6126.00	57.61	------	------	47.32	34.10	14.11	37.92	---	---	Peak
2	6484.00	67.53	------	------	55.72	35.00	14.57	37.76	---	---	Peak
3	6844.00	57.83	------	------	45.22	35.72	15.00	38.11	---	---	Peak

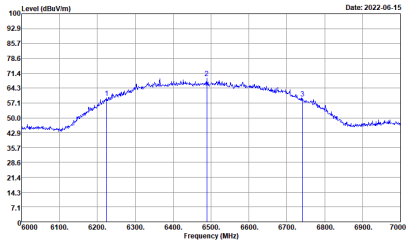
Mode 35: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6230.00	60.81	------	------	50.29	34.12	14.27	37.87	---	---	Peak
2	6396.00	70.48	------	------	59.17	34.59	14.52	37.80	---	---	Peak
3	6740.00	60.92	------	------	48.25	35.82	14.85	38.00	---	---	Peak

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

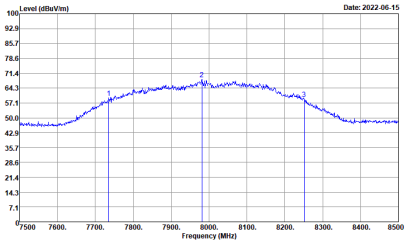


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6224.00	59.69	------	------	49.21	34.10	14.26	37.88	---	---	Peak
2	6489.00	69.21	------	------	57.37	35.03	14.57	37.76	---	---	Peak
3	6741.00	59.33	------	------	46.66	35.82	14.85	38.00	---	---	Peak

Ant. 3 CH09_UWB Bandwidth

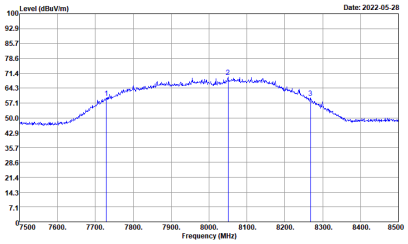
Mode 37: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7735.00	59.51	------	------	46.17	36.50	15.75	38.91	---	---	Peak
2	7981.00	68.60	------	------	54.46	37.10	16.18	39.14	---	---	Peak
3	8251.00	59.15	------	------	45.57	37.00	16.04	39.46	---	---	Peak

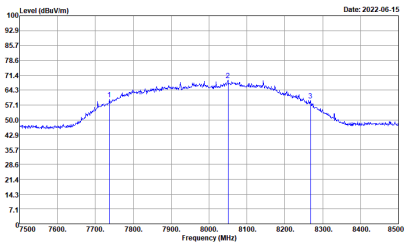
Mode 38: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7729.00	59.68	------	------	46.35	36.50	15.73	38.90	---	---	Peak
2	8050.00	69.52	------	------	55.51	37.10	16.13	39.22	---	---	Peak
3	8268.00	59.58	------	------	45.98	37.00	16.08	39.48	---	---	Peak

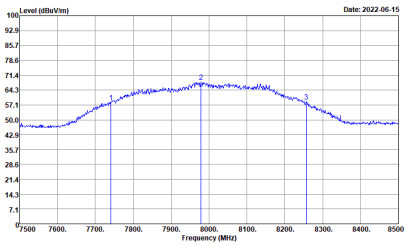
Mode 39: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7737.00	59.77	------	------	46.42	36.50	15.76	38.91	---	---	Peak
2	8050.00	69.06	------	------	55.05	37.10	16.13	39.22	---	---	Peak
3	8268.00	59.35	------	------	45.75	37.00	16.08	39.48	---	---	Peak

Mode 40: cidx-10_sts-0_packet length-125

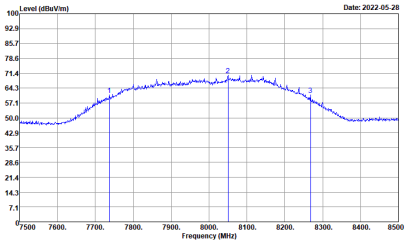


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7741.00	58.40	------	------	45.04	36.50	15.77	38.91	---	---	Peak
2	7979.00	68.26	------	------	54.13	37.10	16.17	39.14	---	---	Peak
3	8257.00	58.87	------	------	45.29	37.00	16.05	39.47	---	---	Peak

Ant. 3 CH09_UWB Bandwidth

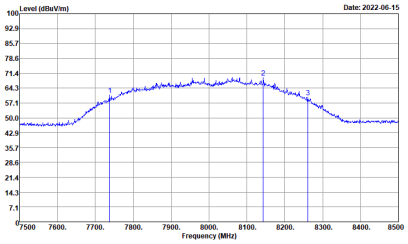
Mode 41: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7737.00	60.92	------	------	47.57	36.50	15.76	38.91	---	---	Peak
2	8050.00	70.40	------	------	56.39	37.10	16.13	39.22	---	---	Peak
3	8268.00	61.06	------	------	47.46	37.00	16.08	39.48	---	---	Peak

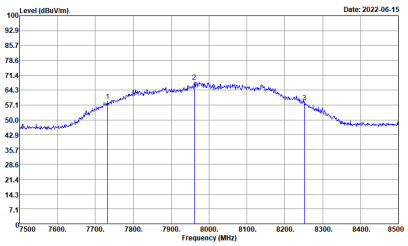
Mode 42: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7738.00	60.98	------	------	47.63	36.50	15.76	38.91	---	---	Peak
2	8143.00	69.44	------	------	55.67	37.10	16.00	39.33	---	---	Peak
3	8261.00	59.76	------	------	46.17	37.00	16.06	39.47	---	---	Peak

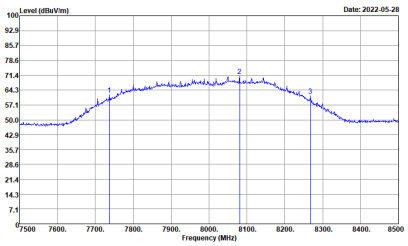
Mode 43: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7732.00	59.00	------	------	45.66	36.50	15.74	38.90	---	---	Peak
2	7961.00	68.27	------	------	54.14	37.10	16.15	39.12	---	---	Peak
3	8252.00	58.42	------	------	44.84	37.00	16.04	39.46	---	---	Peak

Mode 44: cidx-11_sts-1_packet length-125

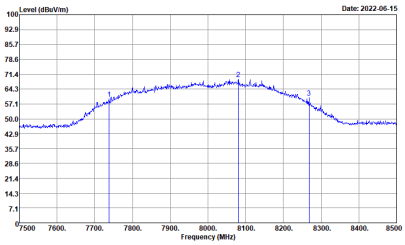


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7737.00	62.10	------	------	48.75	36.50	15.76	38.91	---	---	Peak
2	8081.00	70.92	------	------	56.99	37.10	16.09	39.26	---	---	Peak
3	8268.00	61.68	------	------	48.08	37.00	16.08	39.48	---	---	Peak

Ant. 3 CH09_UWB Bandwidth

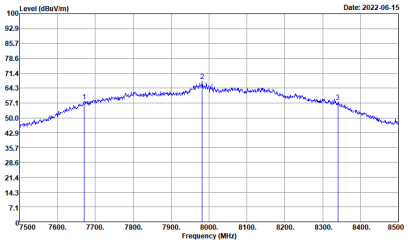
Mode 45: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7738.00	59.61	------	------	46.26	36.50	15.76	38.91	---	---	Peak
2	8081.00	69.03	------	------	55.10	37.10	16.09	39.26	---	---	Peak
3	8268.00	60.08	------	------	46.48	37.00	16.08	39.48	---	---	Peak

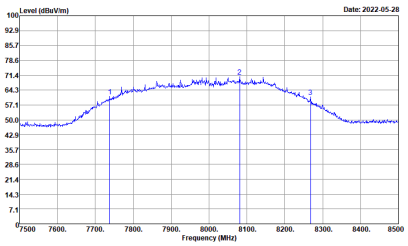
Mode 46: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7671.00	58.00	------	------	44.96	36.33	15.55	38.84	---	---	Peak
2	7982.00	67.56	------	------	53.42	37.10	16.18	39.14	---	---	Peak
3	8340.00	57.73	------	------	43.89	37.16	16.25	39.57	---	---	Peak

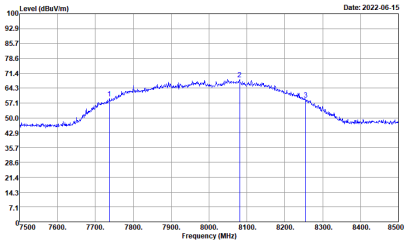
Mode 47: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7738.00	61.16	------	------	47.81	36.50	15.76	38.91	---	---	Peak
2	8081.00	70.70	------	------	56.77	37.10	16.09	39.26	---	---	Peak
3	8268.00	61.13	------	------	47.53	37.00	16.08	39.48	---	---	Peak

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



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
P6 Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7737.00	59.19	------	------	45.84	36.50	15.76	38.91	---	---	Peak
2	8081.00	68.66	------	------	54.73	37.10	16.09	39.26	---	---	Peak
3	8255.00	58.78	------	------	45.20	37.00	16.05	39.47	---	---	Peak

3.2 Peak Power Measurement

3.2.1 Peak Power Measurement Limit

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

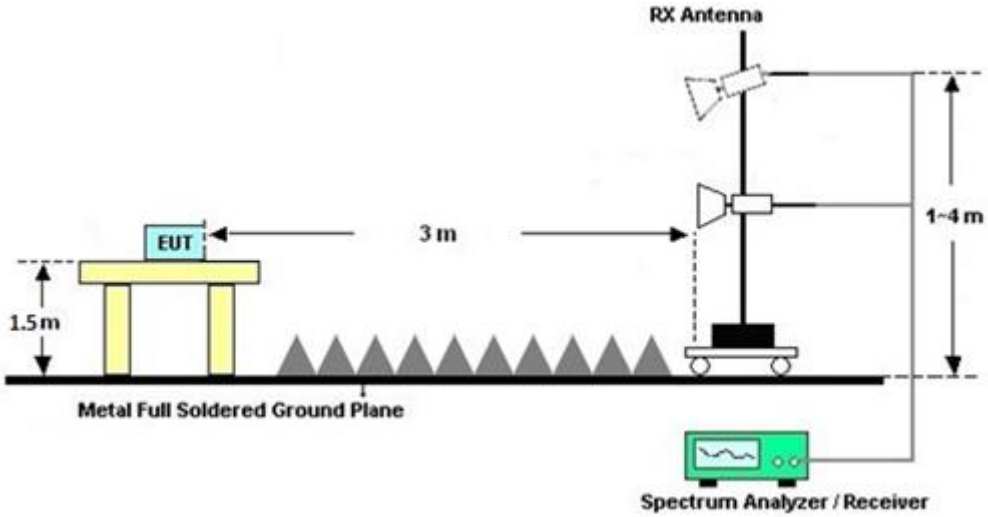
3.2.2 Measuring Instruments

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

3.2.3 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	

3.2.4 Test Setup

Peak Power Measurement


3.2.5 Test Result of Peak Power Measurement

Peak Measurement Result								
Test Mode	Freq. (MHz)	E-Field (dBuV/m)	$ERIP_{40MHz}$ (dBm)	$ERIP_{50MHz}$ Limit (dBm)	$EIRP_{40MHz}$ Limit (dBm)	Margin (dB)	Result	Pol [H/V]
1	6495.05	80.12	-15.11	0	-1.94	-13.17	Pass	V
2	6495.80	81.93	-13.3	0	-1.94	-11.36	Pass	V
3	6489.45	75.06	-20.17	0	-1.94	-18.23	Pass	V
4	6497.75	86.59	-8.64	0	-1.94	-6.7	Pass	V
5	6498.10	86.60	-8.63	0	-1.94	-6.69	Pass	V
6	6520.60	77.37	-17.86	0	-1.94	-15.92	Pass	V
7	6501.75	82.95	-12.28	0	-1.94	-10.34	Pass	V
8	6515.65	82.38	-12.85	0	-1.94	-10.91	Pass	V
9	6489.35	77.91	-17.32	0	-1.94	-15.38	Pass	V
10	6494.90	80.18	-15.05	0	-1.94	-13.11	Pass	V
11	6494.95	80.34	-14.89	0	-1.94	-12.95	Pass	V
12	6489.70	74.46	-20.77	0	-1.94	-18.83	Pass	V
13	7980.90	90.15	-5.08	0	-1.94	-3.14	Pass	H
14	7893.75	87.65	-7.58	0	-1.94	-5.64	Pass	H
15	8049.20	82.47	-12.76	0	-1.94	-10.82	Pass	H
16	7967.10	91.05	-4.18	0	-1.94	-2.24	Pass	H
17	7893.85	87.61	-7.62	0	-1.94	-5.68	Pass	H
18	7893.85	87.73	-7.5	0	-1.94	-5.56	Pass	H
19	7961.30	88.55	-6.68	0	-1.94	-4.74	Pass	H
20	7893.70	87.66	-7.57	0	-1.94	-5.63	Pass	H
21	7893.65	81.54	-13.71	0	-1.94	-11.77	Pass	H
22	7981.85	87.01	-8.22	0	-1.94	-6.28	Pass	H
23	7981.85	89.61	-5.62	0	-1.94	-3.68	Pass	H
24	7893.50	80.67	-14.56	0	-1.94	-12.62	Pass	H

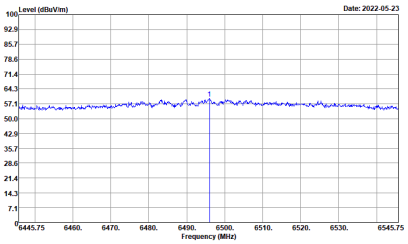
Note 1: EIRP [dBm] = E-Field [dBuV/m] - 95.23;
Note 2: Bandwidth Correction Factor (BWCF) = 20 log (40MHz/50MHz).
Note 3: $EIRP_{40MHz}$ Limit = $EIRP_{50MHz}$ Limit + BWCF, FCC Part 15.521(g).
Note 4: Measurement worst emissions of receive antenna polarization.

Peak Measurement Result								
Test Mode	Freq. (MHz)	E-Field (dBuV/m)	$ERIP_{40MHz}$ (dBm)	$ERIP_{50MHz}$ Limit (dBm)	$EIRP_{40MHz}$ Limit (dBm)	Margin (dB)	Result	Pol [H/V]
25	6483.15	91.44	-3.79	0	-1.94	-1.85	Pass	H
26	6427.25	87.66	-7.57	0	-1.94	-5.63	Pass	H
27	6489.45	83.59	-11.64	0	-1.94	-9.7	Pass	H
28	6512.50	89.94	-5.29	0	-1.94	-3.35	Pass	H
29	6396.25	87.36	-7.87	0	-1.94	-5.93	Pass	H
30	6520.75	81.89	-13.34	0	-1.94	-11.4	Pass	H
31	6515.80	89.41	-5.82	0	-1.94	-3.88	Pass	H
32	6396.05	87.30	-7.93	0	-1.94	-5.99	Pass	H
33	6489.65	84.02	-11.21	0	-1.94	-9.27	Pass	H
34	6484.15	88.94	-6.29	0	-1.94	-4.35	Pass	H
35	6395.80	87.39	-7.84	0	-1.94	-5.9	Pass	H
36	6489.45	84.09	-11.14	0	-1.94	-9.2	Pass	H
37	7980.80	89.87	-5.36	0	-1.94	-3.42	Pass	H
38	8049.70	86.82	-8.41	0	-1.94	-6.47	Pass	H
39	8050.15	82.60	-12.63	0	-1.94	-10.69	Pass	H
40	7979.05	89.70	-5.53	0	-1.94	-3.59	Pass	H
41	8049.60	86.87	-8.36	0	-1.94	-6.42	Pass	H
42	8143.80	80.01	-15.22	0	-1.94	-13.28	Pass	H
43	7961.05	88.25	-6.98	0	-1.94	-5.04	Pass	H
44	8080.90	87.02	-8.21	0	-1.94	-6.27	Pass	H
45	8080.90	80.85	-14.38	0	-1.94	-12.44	Pass	H
46	7981.75	87.69	-7.54	0	-1.94	-5.6	Pass	H
47	8081.10	86.90	-8.33	0	-1.94	-6.39	Pass	H
48	8081.05	80.00	-15.23	0	-1.94	-13.29	Pass	H

Note 1: EIRP [dBm] = E-Field [dBuV/m] - 95.23;
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. 1 CH05_Pre-located worst frequency Plots

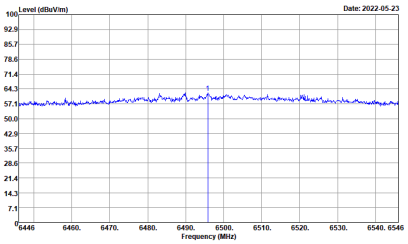
Mode 1: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x3f3f343f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6496.05	59.56	------	------	47.65	35.08	14.58	37.75	---	---	Peak

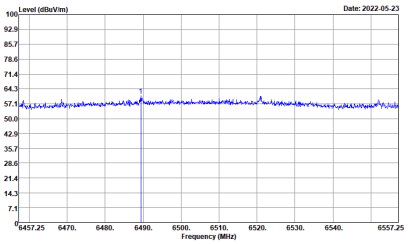
Mode 2: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6495.80	62.50	------	------	50.60	35.07	14.58	37.75	---	---	Peak

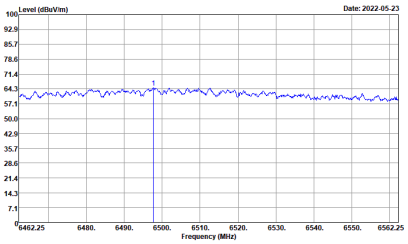
Mode 3: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x4f4f444f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6489.45	61.09	------	------	49.23	35.04	14.57	37.75	---	---	Peak

Mode 4: cidx-10_sts-0_packet length-125

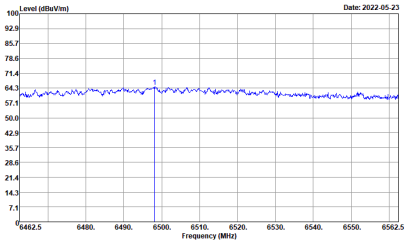


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : I21931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6497.75	64.91	------	------	52.99	35.09	14.58	37.75	---	---	Peak

Ant. 1 CH05_Pre-located worst frequency Plots

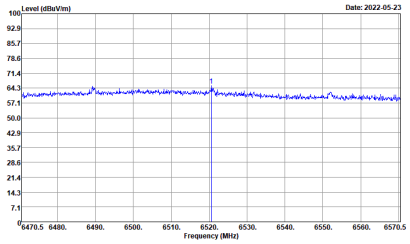
Mode 5: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6498.10	64.78	------	------	52.86	35.09	14.58	37.75	---	--- Peak

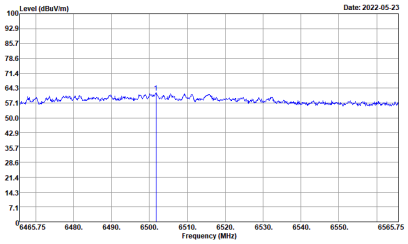
Mode 6: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0xbfbf9cbf
PG Delay : 20
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6520.60	65.47	------	------	53.43	35.22	14.59	37.77	---	--- Peak

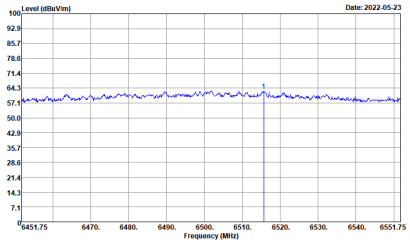
Mode 7: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x5f5f505f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6501.75	62.12	------	------	50.18	35.11	14.58	37.75	---	--- Peak

Mode 8: cidx-11_sts-1_packet length-125

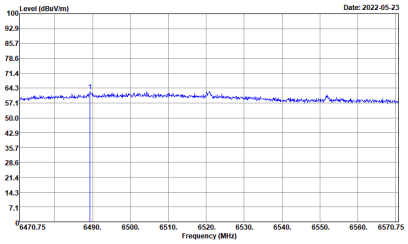


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x6f6f5c6f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6515.65	62.92	------	------	50.91	35.19	14.59	37.77	---	--- Peak

Ant. 1 CH05_Pre-located worst frequency Plots

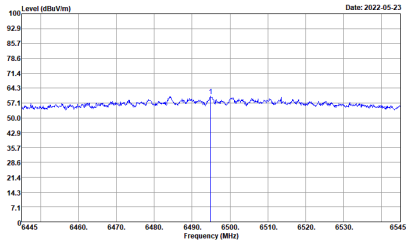
Mode 9: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x6f6f5c6f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	6489.35	62.71	------	------	50.85	35.04	14.57	37.75	---	--- Peak

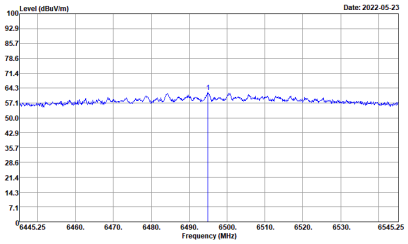
Mode 10: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x3f3f343f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	6494.90	60.37	------	------	48.47	35.07	14.58	37.75	---	--- Peak

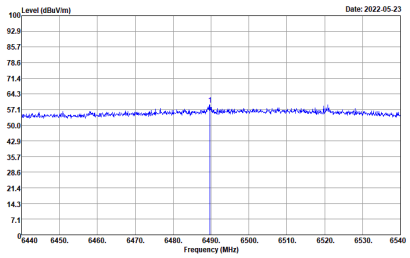
Mode 11: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x3f3f343f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	6494.95	62.36	------	------	50.46	35.07	14.58	37.75	---	--- Peak

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

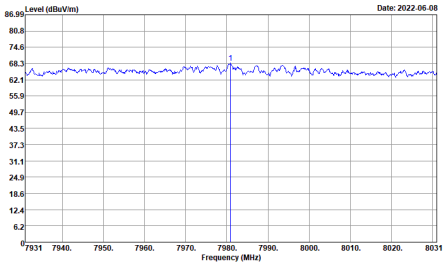


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x3f3f343f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	6489.70	59.40	------	------	47.54	35.04	14.57	37.75	---	--- Peak

Ant. 2 CH09_Pre-located worst frequency Plots

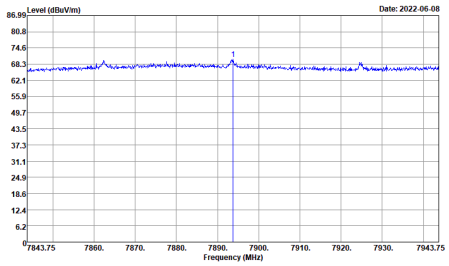
Mode 13: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7980.90	68.48	------	------	55.00	37.10	15.52	39.14	---	---	Peak

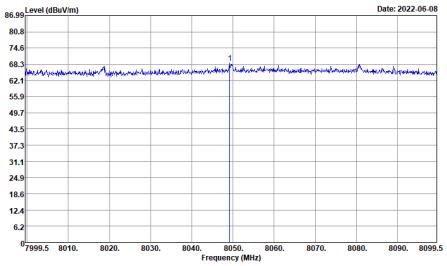
Mode 14: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.75	70.17	------	------	56.84	36.99	15.40	39.06	---	---	Peak

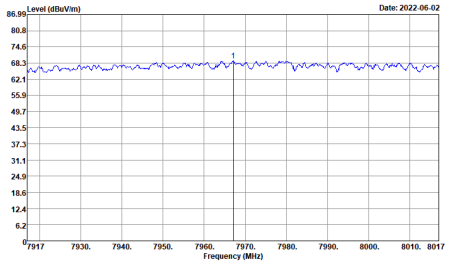
Mode 15: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8049.20	68.86	------	------	55.53	37.10	15.45	39.22	---	---	Peak

Mode 16: cidx-10_sts-0_packet length-125

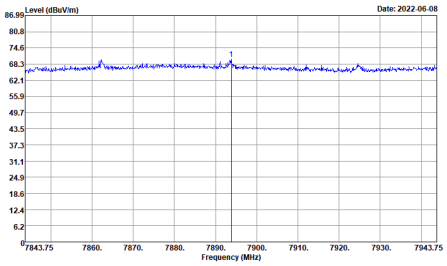


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0xeeeeeb8ee
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7967.10	69.28	------	------	55.81	37.10	15.50	39.13	---	---	Peak

Ant. 2 CH09_Pre-located worst frequency Plots

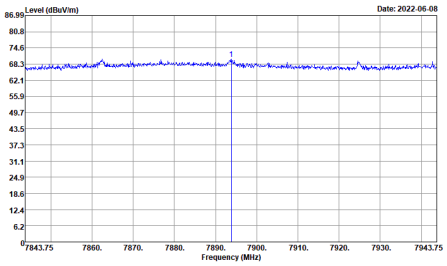
Mode 17: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.85	70.32	------	------	56.99	36.99	15.40	39.06	---	---	Peak

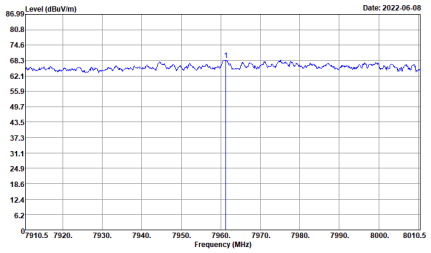
Mode 18: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0xeeeeb8ee
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.85	70.29	------	------	56.96	36.99	15.40	39.06	---	---	Peak

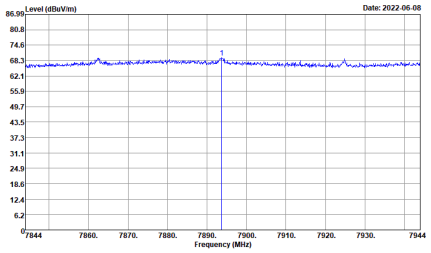
Mode 19: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7961.30	68.49	------	------	55.02	37.10	15.49	39.12	---	---	Peak

Mode 20: cidx-11_sts-1_packet length-125

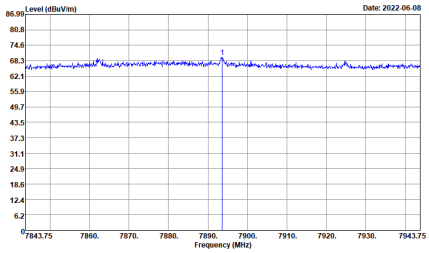


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.70	69.63	------	------	56.30	36.99	15.40	39.06	---	---	Peak

Ant. 2 CH09_Pre-located worst frequency Plots

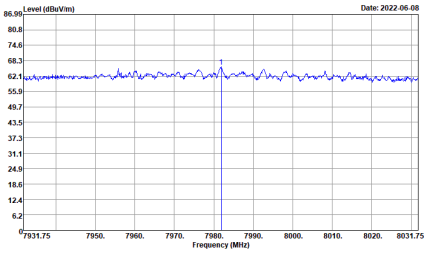
Mode 21: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0xcecea4ce
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.65	69.88	------	------	56.55	36.99	15.40	39.06	---	---	Peak

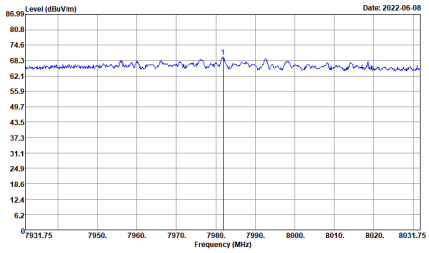
Mode 22: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 20
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7981.85	65.91	------	------	52.43	37.10	15.52	39.14	---	---	Peak

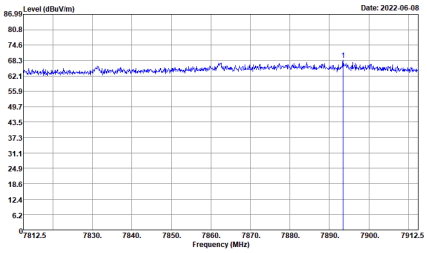
Mode 23: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xbebe9cbe
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7981.85	69.72	------	------	56.24	37.10	15.52	39.14	---	---	Peak

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

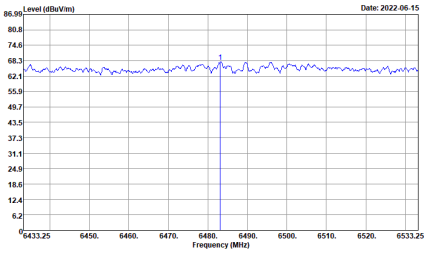


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0xbebe9cbe
PG Delay : 20
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7893.50	68.59	------	------	55.26	36.99	15.40	39.06	---	---	Peak

Ant. 3 CH05_Pre-located worst frequency Plots

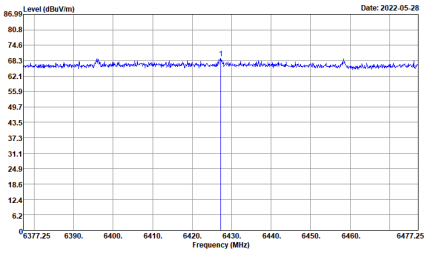
Mode 25: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6483.15	67.80	------	------	55.99	35.00	14.57	37.76	---	---	Peak

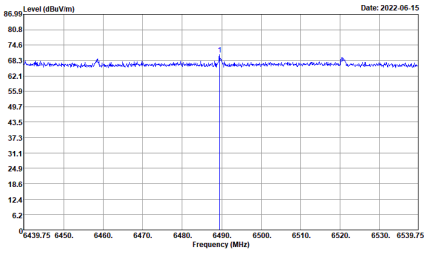
Mode 26: cidx-9_sts-1_packet length-125



Site : site
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6427.25	69.22	------	------	57.75	34.71	14.54	37.78	---	---	Peak

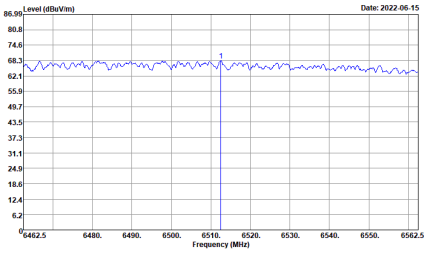
Mode 27: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6489.45	70.75	------	------	58.89	35.04	14.57	37.75	---	---	Peak

Mode 28: cidx-10_sts-0_packet length-125

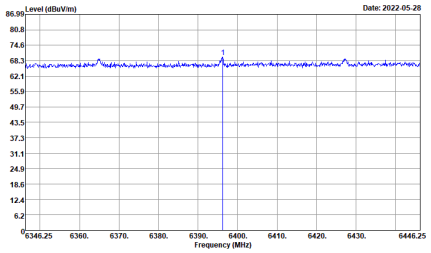


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6512.50	68.27	------	------	56.27	35.17	14.59	37.76	---	---	Peak

Ant. 3 CH05_Pre-located worst frequency Plots

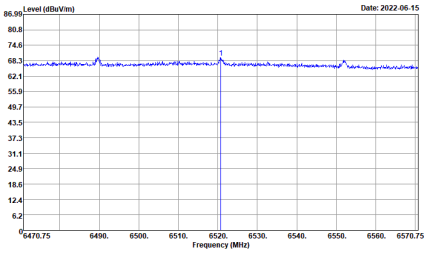
Mode 29: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6396.25	69.70	------	------	58.39	34.59	14.52	37.80	---	---	Peak

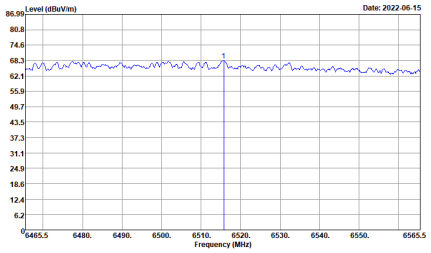
Mode 30: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6520.75	69.61	------	------	57.57	35.22	14.59	37.77	---	---	Peak

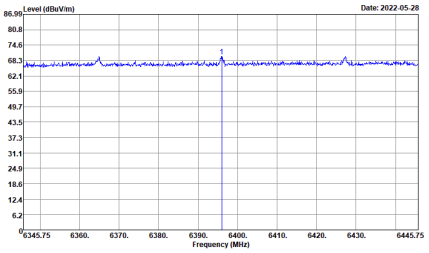
Mode 31: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6515.80	68.31	------	------	56.30	35.19	14.59	37.77	---	---	Peak

Mode 32: cidx-11_sts-1_packet length-125

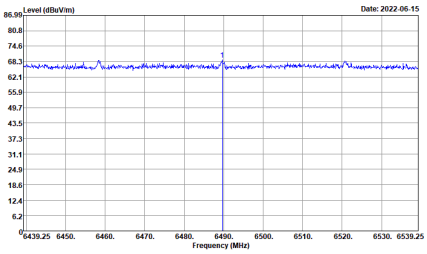


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6396.05	70.11	------	------	58.80	34.59	14.52	37.80	---	---	Peak

Ant. 3 CH05_Pre-located worst frequency Plots

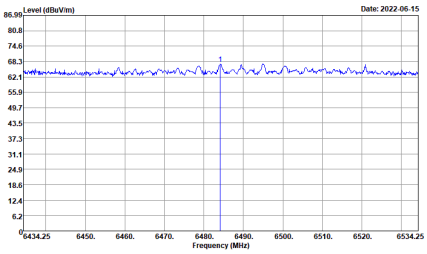
Mode 33: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6489.65	69.10	------	------	57.24	35.04	14.57	37.75	---	---	Peak

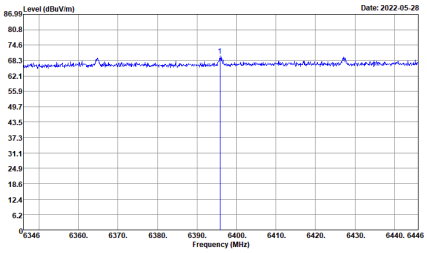
Mode 34: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6484.15	67.40	------	------	55.59	35.00	14.57	37.76	---	---	Peak

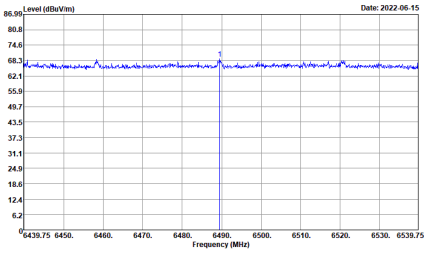
Mode 35: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6395.80	70.15	------	------	58.84	34.59	14.52	37.80	---	---	Peak

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

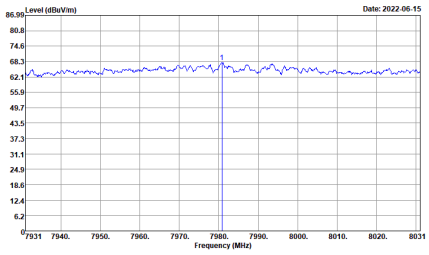


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6489.45	69.10	------	------	57.24	35.04	14.57	37.75	---	---	Peak

Ant. 3 CH09_Pre-located worst frequency Plots

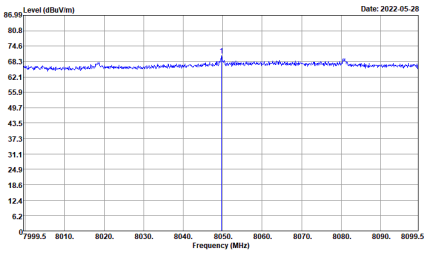
Mode 37: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7980.80	68.14	------	------	54.66	37.10	15.52	39.14	---	---	Peak

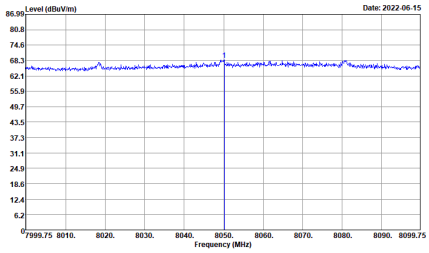
Mode 38: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8049.70	70.69	------	------	57.36	37.10	15.45	39.22	---	---	Peak

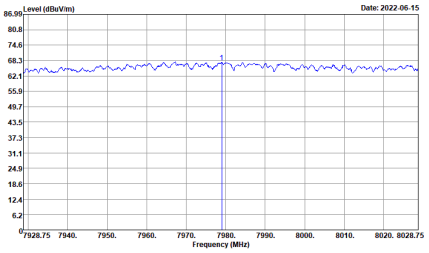
Mode 39: cidx-9_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8050.15	68.61	------	------	55.28	37.10	15.45	39.22	---	---	Peak

Mode 40: cidx-10_sts-0_packet length-125

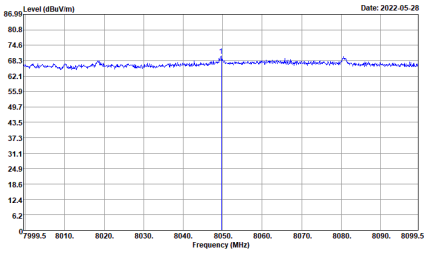


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7979.05	67.59	------	------	54.12	37.10	15.51	39.14	---	---	Peak

Ant. 3 CH09_Pre-located worst frequency Plots

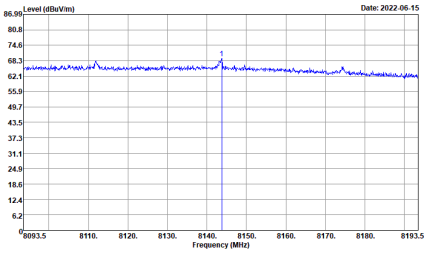
Mode 41: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8049.60	70.33	------	------	57.00	37.10	15.45	39.22	---	---	Peak

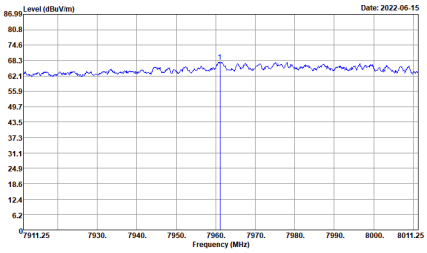
Mode 42: cidx-10_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8143.80	69.26	------	------	56.22	37.10	15.27	39.33	---	---	Peak

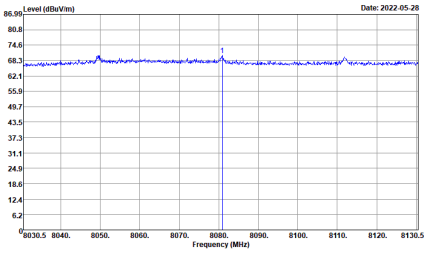
Mode 43: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7961.05	67.75	------	------	54.28	37.10	15.49	39.12	---	---	Peak

Mode 44: cidx-11_sts-1_packet length-125

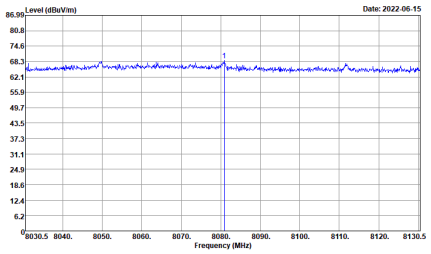


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8080.90	70.61	------	------	57.38	37.10	15.39	39.26	---	---	Peak

Ant. 3 CH09_Pre-located worst frequency Plots

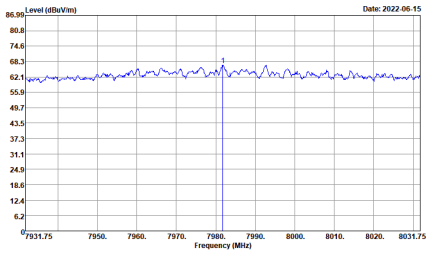
Mode 45: cidx-11_sts-3_packet length-0



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8080.90	68.80	------	------	55.57	37.10	15.39	39.26	---	---	Peak

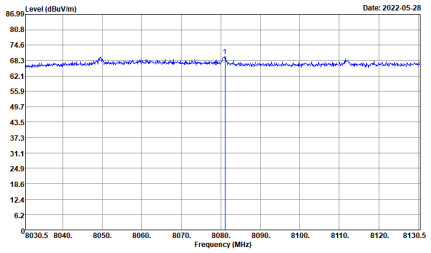
Mode 46: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 26
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7981.75	66.94	------	------	53.46	37.10	15.52	39.14	---	---	Peak

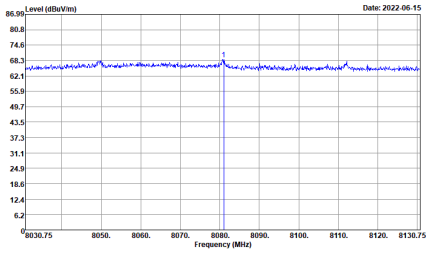
Mode 47: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8081.10	70.06	------	------	56.83	37.10	15.39	39.26	---	---	Peak

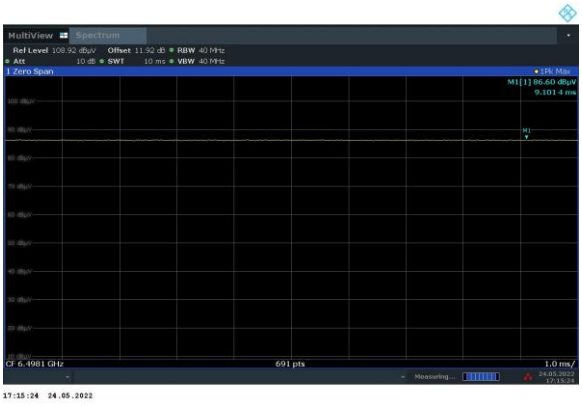
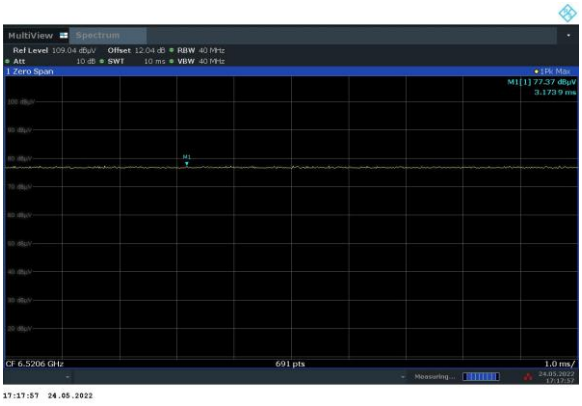
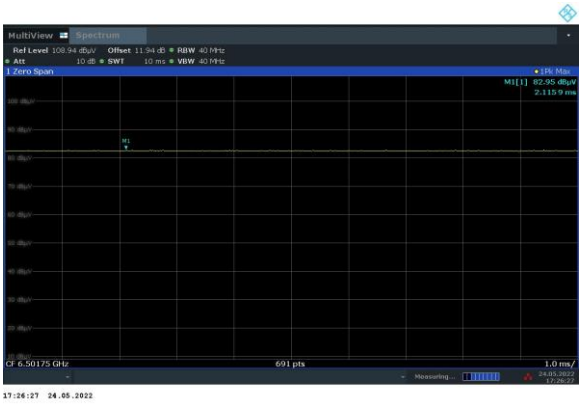
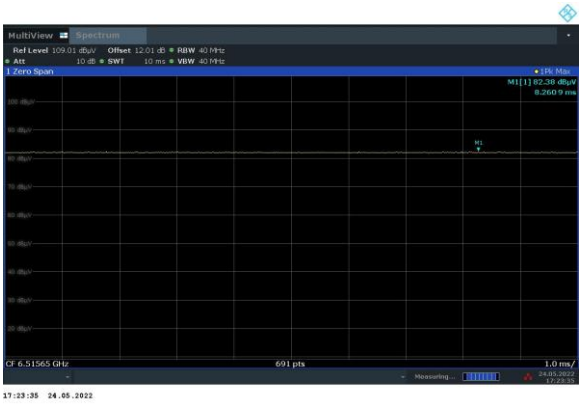
Mode 48: cidx-12_sts-3_packet length-0

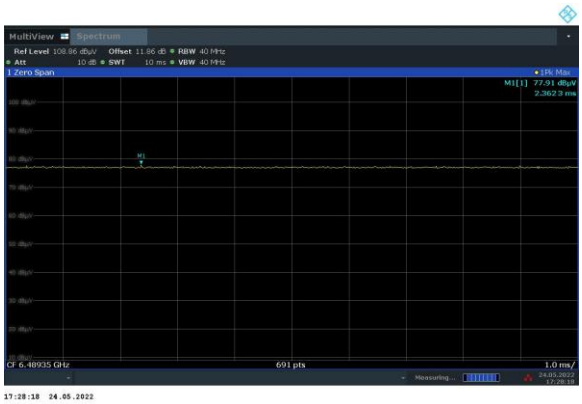
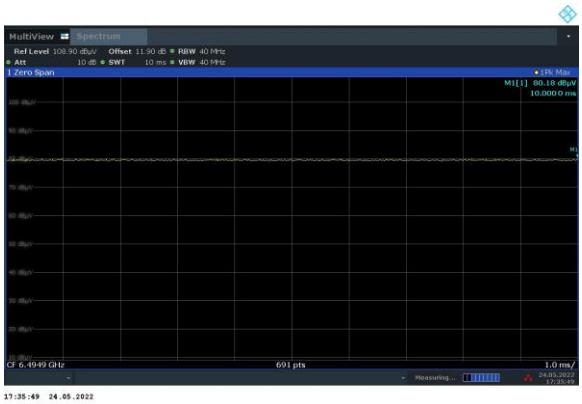


Site : 03CH20-HY
Condition : 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:3.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34
span : 100MHz

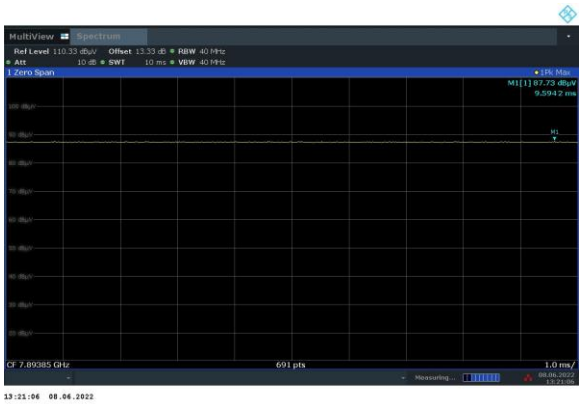
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8081.05	68.81	------	------	55.58	37.10	15.39	39.26	---	---	Peak

Ant. 1 CH05_Peak Power Measurement Plots	
Mode 1: cidx-9_sts-0_packet length-125	**Mode 2: cidx-9_sts-1_packet length-125**
Mode 3: cidx-9_sts-3_packet length-0	**Mode 4: cidx-10_sts-0_packet length-125**

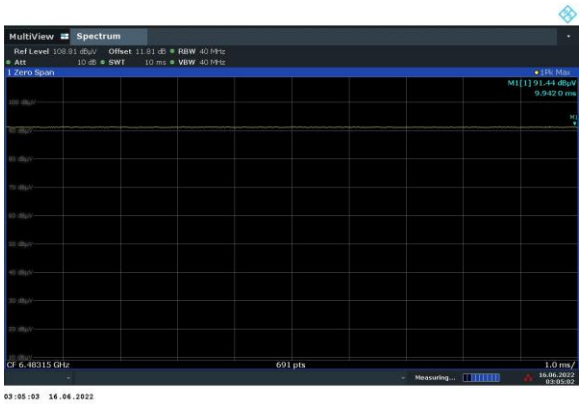
Ant. 1 CH05_Peak Power Measurement Plots	
Mode 5: cidx-10_sts-1_packet length-125	**Mode 6: cidx-10_sts-3_packet length-0**
	
Mode 7: cidx-11_sts-0_packet length-125	**Mode 8: cidx-11_sts-1_packet length-125**
	

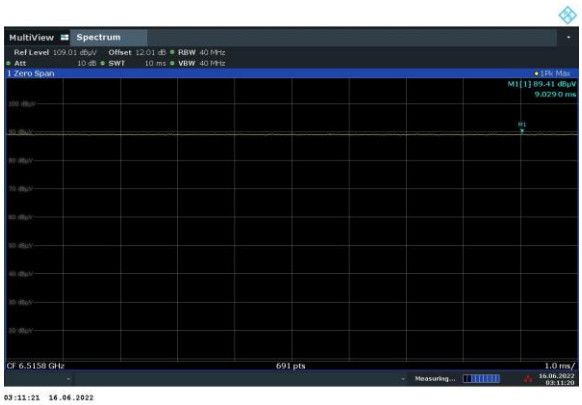
Ant. 1 CH05_Peak Power Measurement Plots	
Mode 9: cidx-11_sts-3_packet length-0	**Mode 10: cidx-12_sts-0_packet length-125**
	
Mode 11: cidx-12_sts-1_packet length-125	**Mode 12: cidx-12_sts-3_packet length-0**

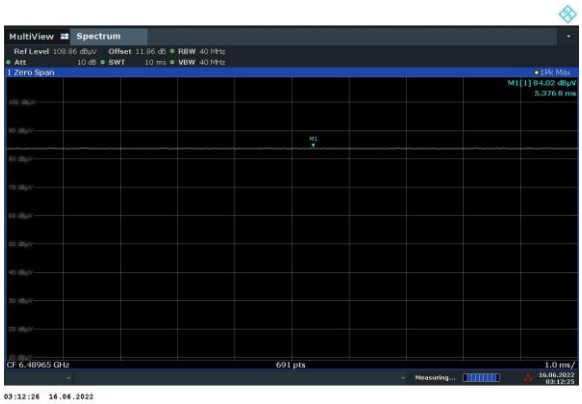
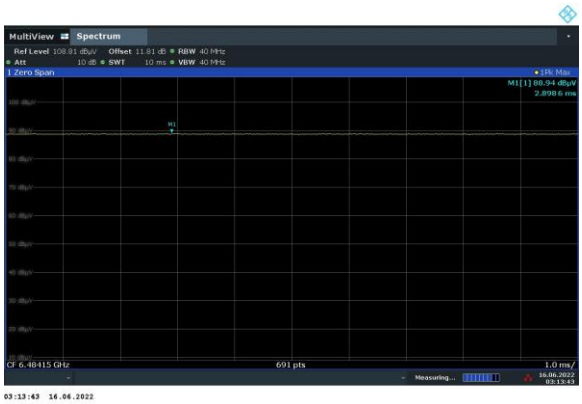
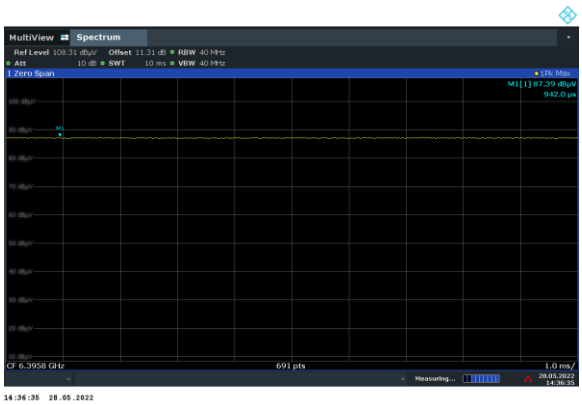
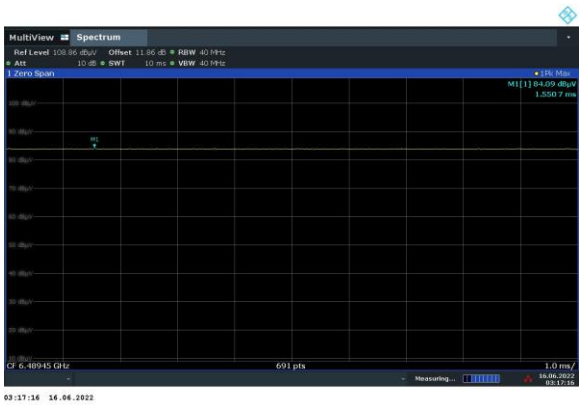
Ant. 2 CH09_Peak Power Measurement Plots	
Mode 13: cidx-9_sts-0_packet length-125	**Mode 14: cidx-9_sts-1_packet length-125**
Mode 15: cidx-9_sts-3_packet length-0	**Mode 16: cidx-10_sts-0_packet length-125**

Ant. 2 CH09_Peak Power Measurement Plots	
Mode 17: cidx-10_sts-1_packet length-125	**Mode 18: cidx-10_sts-3_packet length-0**
	
Mode 19: cidx-11_sts-0_packet length-125	**Mode 20: cidx-11_sts-1_packet length-125**

Ant. 2 CH09_Peak Power Measurement Plots	
Mode 21: cidx-11_sts-3_packet length-0	**Mode 22: cidx-12_sts-0_packet length-125**
Mode 23: cidx-12_sts-1_packet length-125	**Mode 24: cidx-12_sts-3_packet length-0**

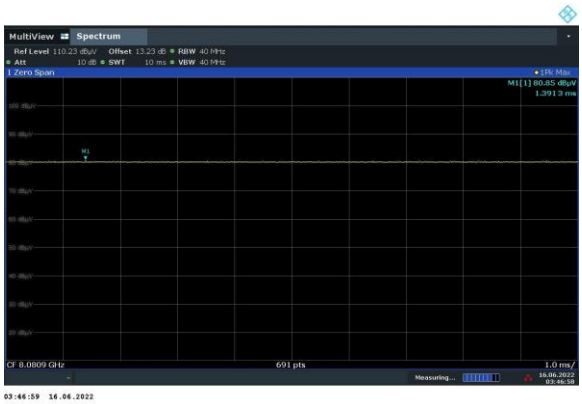
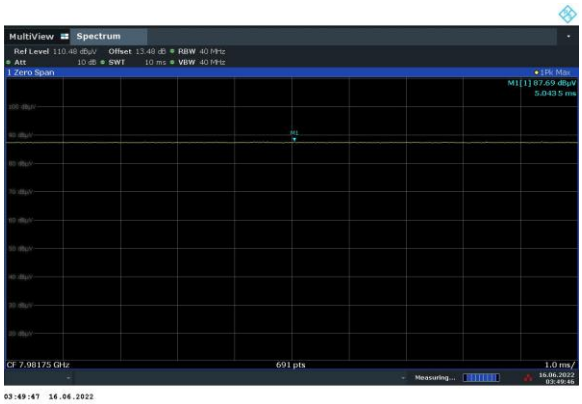
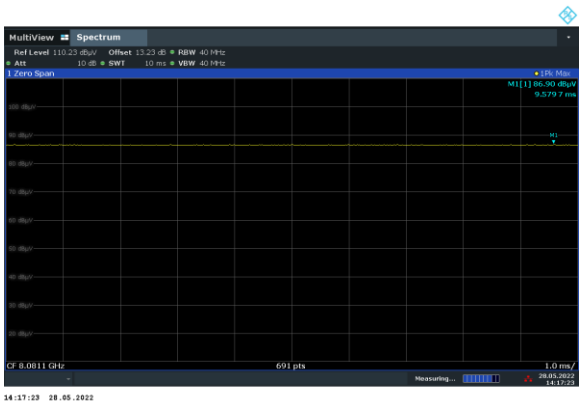
Ant. 3 CH05_Peak Power Measurement Plots	
Mode 25: cidx-9_sts-0_packet length-125	**Mode 26: cidx-9_sts-1_packet length-125**
	
Mode 27: cidx-9_sts-3_packet length-0	**Mode 28: cidx-10_sts-0_packet length-125**

Ant. 3 CH05_Peak Power Measurement Plots	
Mode 29: cidx-10_sts-1_packet length-125	Mode 30: cidx-10_sts-3_packet length-0
Mode 31: cidx-11_sts-0_packet length-125	Mode 32: cidx-11_sts-1_packet length-125
	

Ant. 3 CH05_Peak Power Measurement Plots	
Mode 33: cidx-11_sts-3_packet length-0	**Mode 34: cidx-12_sts-0_packet length-125**
	
Mode 35: cidx-12_sts-1_packet length-125	**Mode 36: cidx-12_sts-3_packet length-0**
	

Ant. 3 CH09_Peak Power Measurement Plots	
Mode 37: cidx-9_sts-0_packet length-125	**Mode 38: cidx-9_sts-1_packet length-125**
Mode 39: cidx-9_sts-3_packet length-0	**Mode 40: cidx-10_sts-0_packet length-125**

Ant. 3 CH09_Peak Power Measurement Plots	
Mode 41: cidx-10_sts-1_packet length-125	**Mode 42: cidx-10_sts-3_packet length-0**
Mode 43: cidx-11_sts-0_packet length-125	**Mode 44: cidx-11_sts-1_packet length-125**

Ant. 3 CH09_Peak Power Measurement Plots	
Mode 45: cidx-11_sts-3_packet length-0	**Mode 46: cidx-12_sts-0_packet length-125**
	
Mode 47: cidx-12_sts-1_packet length-125	**Mode 48: cidx-12_sts-3_packet length-0**
	

3.3 Radiated Emissions

3.3.1 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), RBW = 1MHz**
960-1610	−75.3
1610-1990	−63.3
1990-3100	−61.3
3100-10600	−41.3
Above 10600	−61.3

Note:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Filter loss; Aux 2 = Distance extrapolation factor)
-

Radiated Emissions in GPS Bands Limit	
Frequency Range (MHz)	**EIRP (dBm), RBW ≥ 1kHz**
1164-1240	-85.3
1559-1610	-85.3

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

3.3.2 Measuring Instruments

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

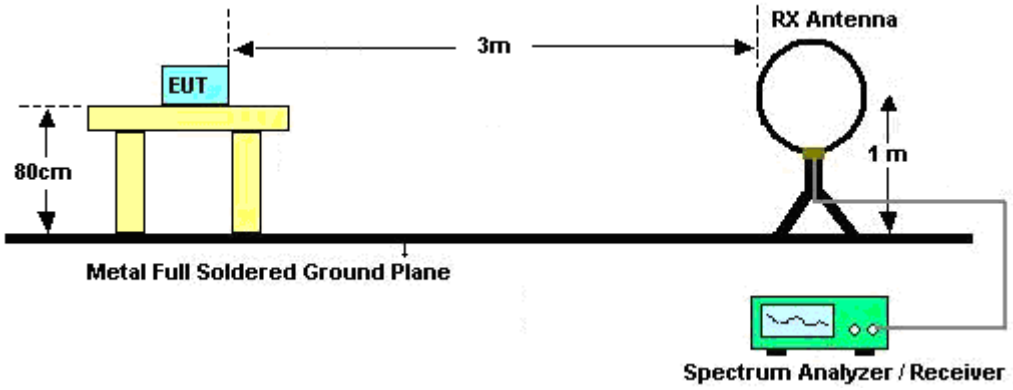
3.3.3 Test Procedures

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.

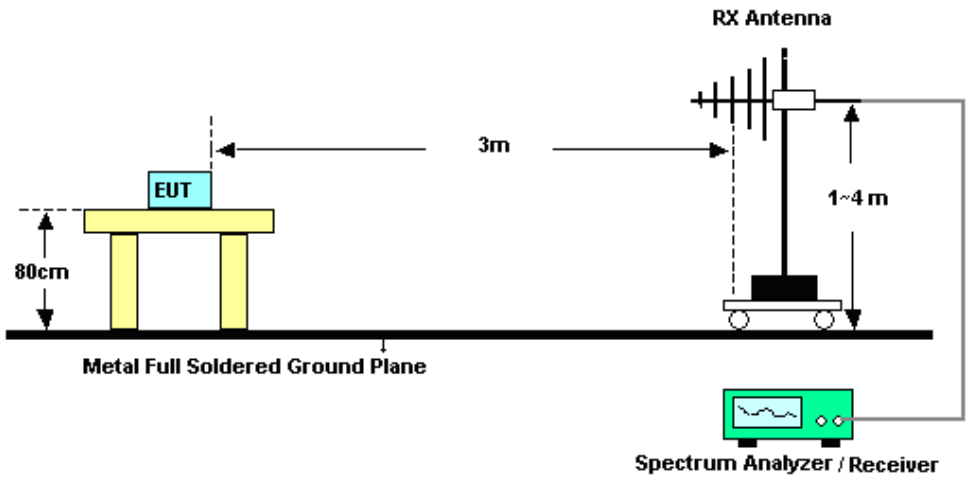
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry	
■	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing 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.

3.3.4 Test Setup

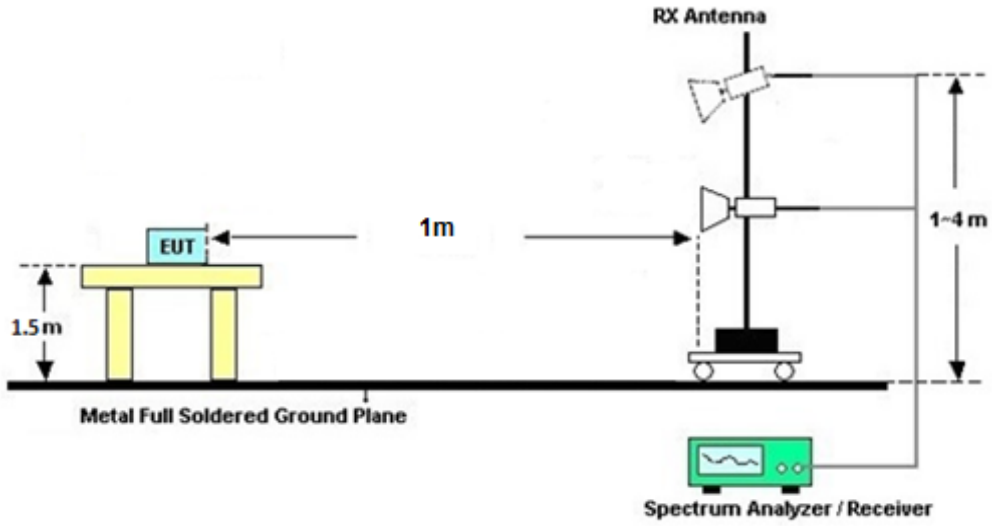
Radiated Emissions below 30MHz



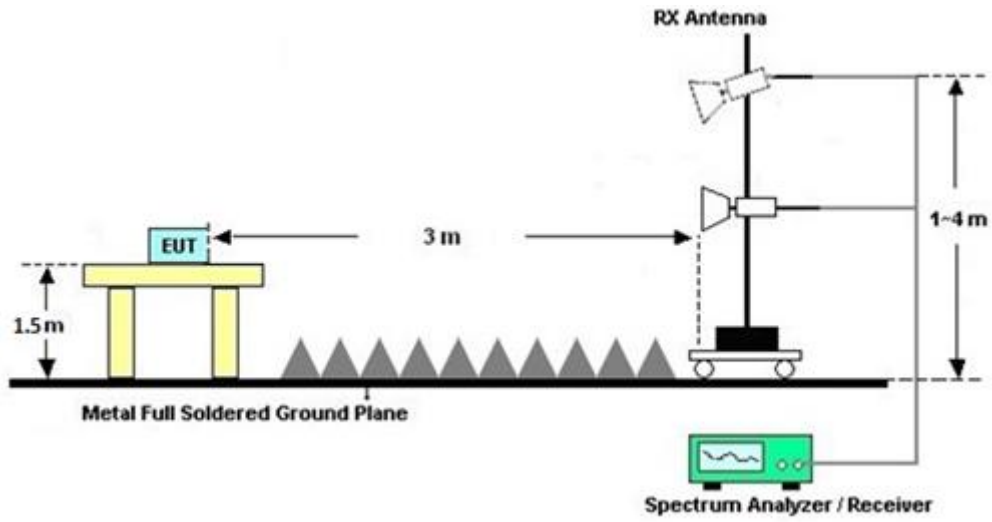
Radiated Emissions from 30MHz to 1GHz and Emissions from Digital Circuitry



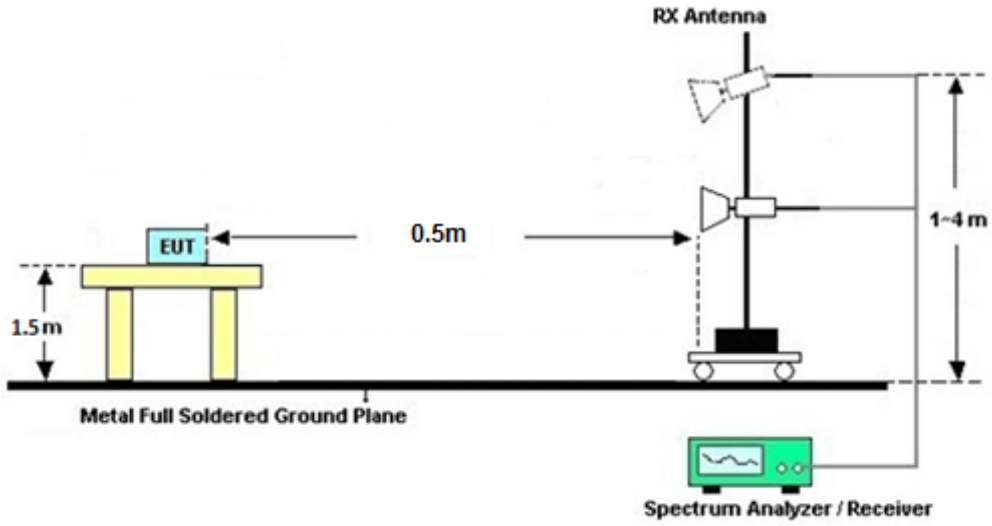
Radiated Emissions from 1GHz to 1.61 GHz



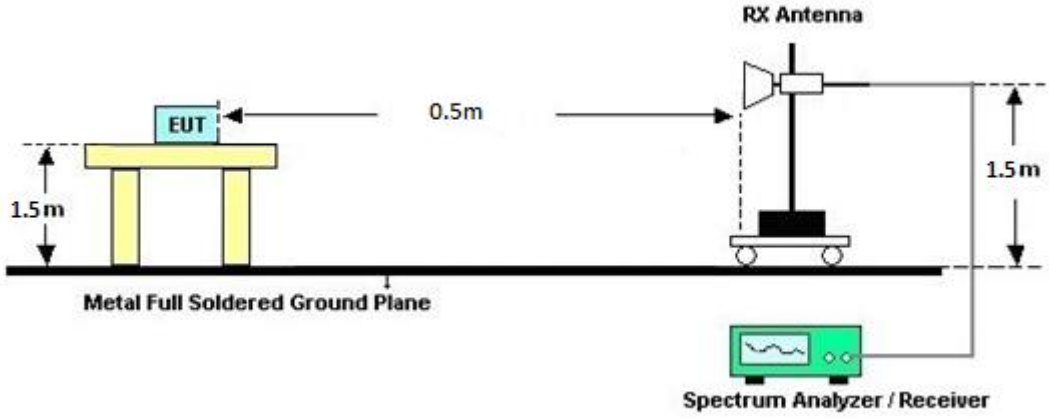
Radiated Emissions from 1.61 GHz to 10.60 GHz



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.

3.3.5 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.

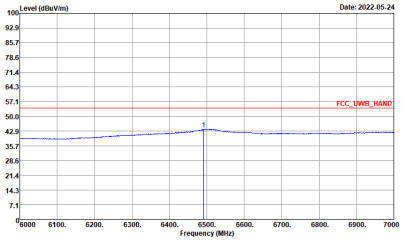
3.3.6 Radiated Emissions (Fundamental)

Test mode	Frequency (MHz)	Emission Level (dBuV/m)	Emission Limit (dBm/MHz)	Emission Limit (dBuV/m)	Margin (dB)	Result	Pol [H/V]
1	6491	43.85	-41.3	53.93	-10.08	Pass	V
2	6502	46.46	-41.3	53.93	-7.47	Pass	V
3	6491	43.85	-41.3	53.93	-10.08	Pass	V
4	6510	48.16	-41.3	53.93	-5.77	Pass	V
5	6504	49.22	-41.3	53.93	-4.71	Pass	V
6	6504	46.60	-41.3	53.93	-7.33	Pass	V
7	6506	46.98	-41.3	53.93	-6.95	Pass	V
8	6506	46.92	-41.3	53.93	-7.01	Pass	V
9	6509	44.97	-41.3	53.93	-8.96	Pass	V
10	6507	43.87	-41.3	53.93	-10.06	Pass	V
11	6507	44.43	-41.3	53.93	-9.5	Pass	V
12	6491	43.13	-41.3	53.93	-10.8	Pass	V
13	7877	52.57	-41.3	53.93	-1.36	Pass	H
14	7877	53.77	-41.3	53.93	-0.16	Pass	H
15	7878	50.71	-41.3	53.93	-3.22	Pass	H
16	8064	53.52	-41.3	53.93	-0.41	Pass	H
17	7877	53.52	-41.3	53.93	-0.41	Pass	H
18	7875	51.66	-41.3	53.93	-2.27	Pass	H
19	7887	52.58	-41.3	53.93	-1.35	Pass	H
20	7887	53.66	-41.3	53.93	-0.27	Pass	H
21	7887	50.54	-41.3	53.93	-3.39	Pass	H
22	7878	49.08	-41.3	53.93	-4.85	Pass	H
23	7878	52.91	-41.3	53.93	-1.02	Pass	H
24	7878	49.80	-41.3	53.93	-4.13	Pass	H
25	6439	51.00	-41.3	53.93	-2.93	Pass	H
26	6443	52.77	-41.3	53.93	-1.16	Pass	H
27	6431	49.89	-41.3	53.93	-4.04	Pass	H
28	6434	51.73	-41.3	53.93	-2.2	Pass	H
29	6434	52.82	-41.3	53.93	-1.11	Pass	H
30	6437	49.65	-41.3	53.93	-4.28	Pass	H
31	6436	51.57	-41.3	53.93	-2.36	Pass	H
32	6437	53.09	-41.3	53.93	-0.84	Pass	H

Test mode	Frequency (MHz)	Emission Level (dBuV/m)	Emission Limit (dBm/MHz)	Emission Limit (dBuV/m)	Margin (dB)	Result	Pol [H/V]
33	6435	49.47	-41.3	53.93	-4.46	Pass	H
34	6506	49.64	-41.3	53.93	-4.29	Pass	H
35	6444	53.03	-41.3	53.93	-0.9	Pass	H
36	6490	49.63	-41.3	53.93	-4.3	Pass	H
37	8062	52.05	-41.3	53.93	-1.88	Pass	H
38	8065	53.42	-41.3	53.93	-0.51	Pass	H
39	8063	50.16	-41.3	53.93	-3.77	Pass	H
40	8064	52.07	-41.3	53.93	-1.86	Pass	H
41	8064	53.39	-41.3	53.93	-0.54	Pass	H
42	8062	50.21	-41.3	53.93	-3.72	Pass	H
43	8065	52.00	-41.3	53.93	-1.93	Pass	H
44	8065	53.48	-41.3	53.93	-0.45	Pass	H
45	8066	50.03	-41.3	53.93	-3.9	Pass	H
46	8064	49.23	-41.3	53.93	-4.7	Pass	H
47	8064	53.34	-41.3	53.93	-0.59	Pass	H
48	8065	50.24	-41.3	53.93	-3.69	Pass	H

Ant. 1 CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	V
		Test Distance	3m

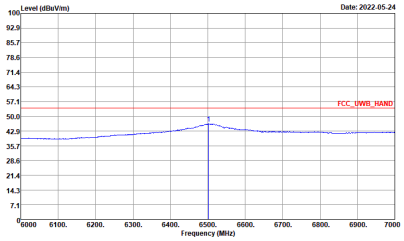
Mode 1: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 0
pocket_length : 125
power_hex : 0x3f3f343f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6491.00	43.85	-10.08	53.93	31.97	35.05	14.58	37.75	---	---	Average

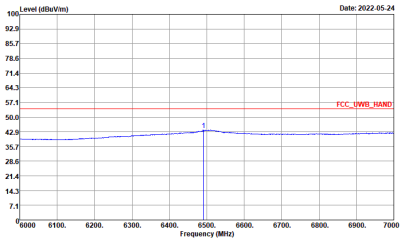
Mode 2: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 1
pocket_length : 125
power_hex : 0x4f4f444f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6502.00	46.46	-7.47	53.93	34.52	35.11	14.58	37.75	---	---	Average

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

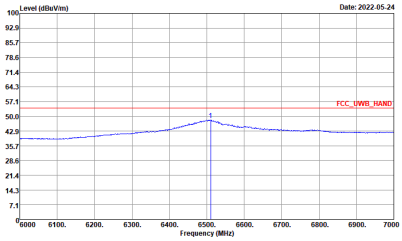


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 9
sts_mode : 3
pocket_length : 0
power_hex : 0x4f4f444f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6491.00	43.85	-10.08	53.93	31.97	35.05	14.58	37.75	---	---	Average

Ant. 1 CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	V
		Test Distance	3m

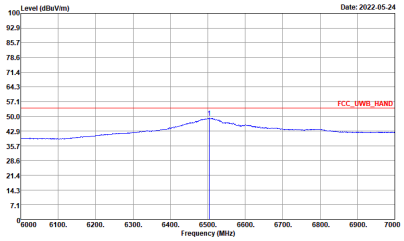
Mode 4: cidx-10_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 0
pocket_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6510.00	48.16	-5.77	53.93	36.17	35.16	14.59	37.76	---	---	Average

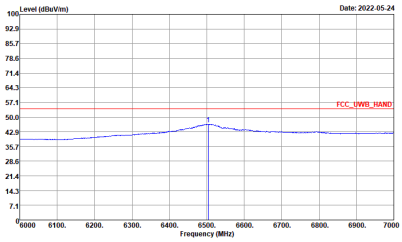
Mode 5: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
pocket_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6504.00	49.22	-4.71	53.93	37.27	35.12	14.58	37.75	---	---	Average

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

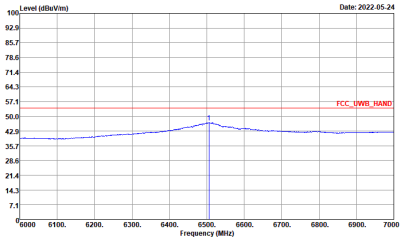


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 3
pocket_length : 0
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6504.00	46.60	-7.33	53.93	34.65	35.12	14.58	37.75	---	---	Average

Ant. 1 CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	V
		Test Distance	3m

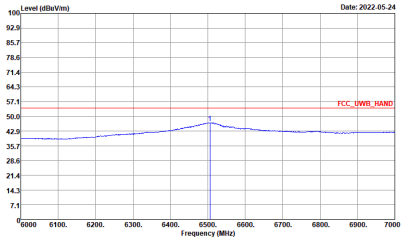
Mode 7: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 0
pocket_length : 125
power_hex : 0x6f6f5c6f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6506.00	46.98	-6.95	53.93	35.02	35.14	14.58	37.76	---	---	Average

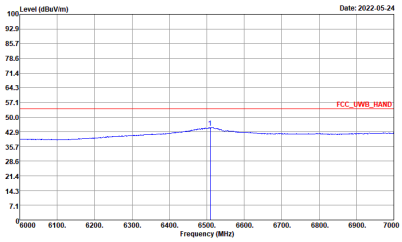
Mode 8: cidx-11_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 1
pocket_length : 125
power_hex : 0x6f6f5c6f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6506.00	46.92	-7.01	53.93	34.96	35.14	14.58	37.76	---	---	Average

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

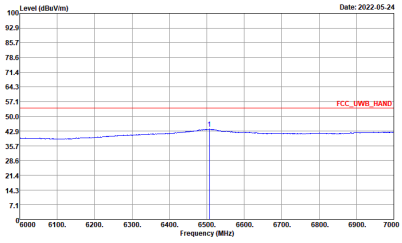


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 11
sts_mode : 3
pocket_length : 0
power_hex : 0x6f6f5c6f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6509.00	44.97	-8.96	53.93	33.00	35.15	14.58	37.76	---	---	Average

Ant. 1 CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	V
		Test Distance	3m

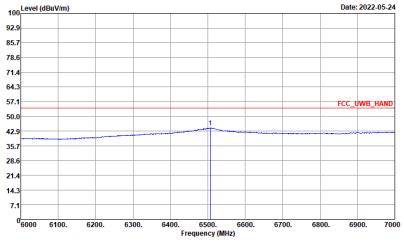
Mode 10: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 0
pocket_length : 125
power_hex : 0x3f3f343f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6507.00	43.87	-10.06	53.93	31.91	35.14	14.58	37.76	---	---	Average

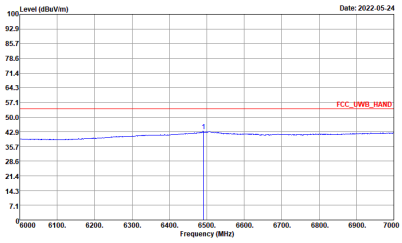
Mode 11: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 1
pocket_length : 125
power_hex : 0x3f3f343f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6507.00	44.43	-9.50	53.93	32.47	35.14	14.58	37.76	---	---	Average

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

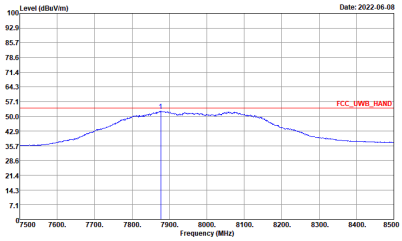


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #4
Channel : CH5
cidx : 12
sts_mode : 3
pocket_length : 0
power_hex : 0x3f3f343f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6491.00	43.13	-10.80	53.93	31.25	35.05	14.58	37.75	---	---	Average

Ant. 2 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

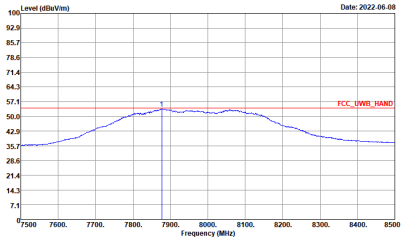
Mode 13: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
pocket_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7877.00	52.57	-1.36	53.93	38.61	36.95	16.05	39.04	---	--- Average

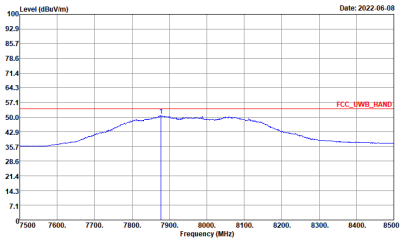
Mode 14: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
pocket_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7877.00	53.77	-0.16	53.93	39.81	36.95	16.05	39.04	---	--- Average

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

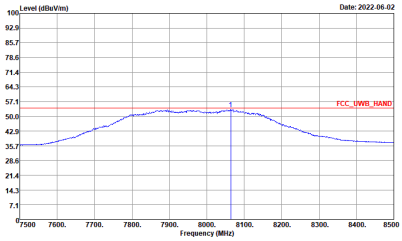


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
pocket_length : 0
power_hex : 0xcecea4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7878.00	50.71	-3.22	53.93	36.74	36.96	16.05	39.04	---	--- Average

Ant. 2 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

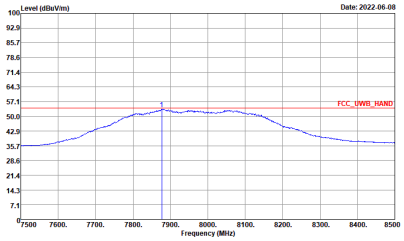
Mode 16: cidx-10_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
pocket_length : 125
power_hex : 0xeeeeb8ee
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8064.00	53.52	-0.41	53.93	39.55	37.10	16.11	39.24	---	---	Average

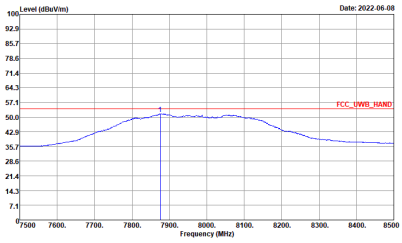
Mode 17: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
pocket_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7877.00	53.52	-0.41	53.93	39.56	36.95	16.05	39.04	---	---	Average

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

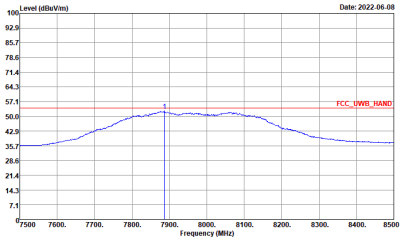


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
pocket_length : 0
power_hex : 0xeeeeb8ee
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	7875.00	51.66	-2.27	53.93	37.70	36.95	16.05	39.04	---	---	Average

Ant. 2 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

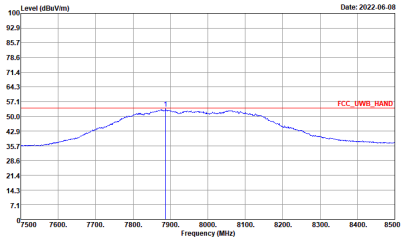
Mode 19: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
pocket_length : 125
power_hex : 0xcece a4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7887.00	52.58	-1.35	53.93	38.60	36.97	16.06	39.05	---	--- Average

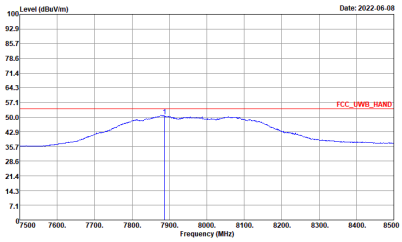
Mode 20: cidx-11_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
pocket_length : 125
power_hex : 0xcece a4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7887.00	53.66	-0.27	53.93	39.68	36.97	16.06	39.05	---	--- Average

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

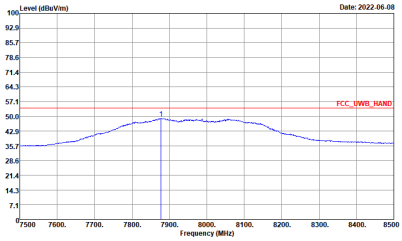


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
pocket_length : 0
power_hex : 0xcece a4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7887.00	50.54	-3.39	53.93	36.56	36.97	16.06	39.05	---	--- Average

Ant. 2 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

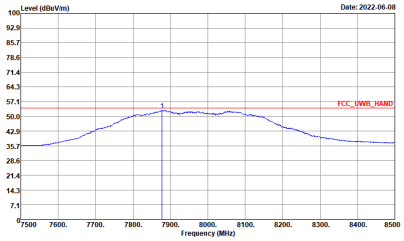
Mode 22: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
pocket_length : 125
power_hex : 0x8e8e748e
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7878.00	49.08	-4.85	53.93	35.11	36.96	16.05	39.04	---	--- Average

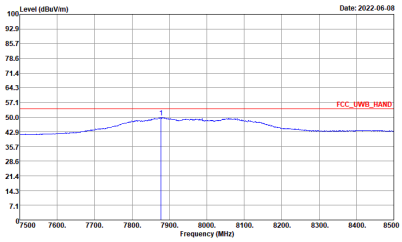
Mode 23: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
pocket_length : 125
power_hex : 0xbebe9cbe
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7878.00	52.91	-1.02	53.93	38.94	36.96	16.05	39.04	---	--- Average

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

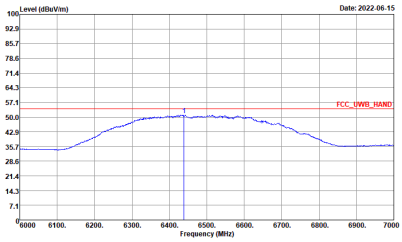


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
pocket_length : 0
power_hex : 0xbebe9cbe
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos Factor	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7878.00	49.80	-4.13	53.93	35.83	36.96	16.05	39.04	---	--- Average

Ant. 3_CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

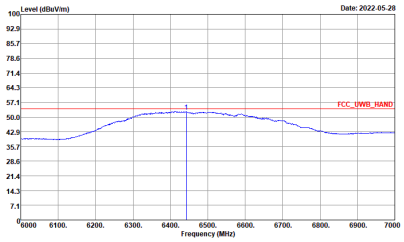
Mode 25: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6439.00	51.00	-2.93	53.93	39.47	34.76	14.55	37.78	---	---	Average

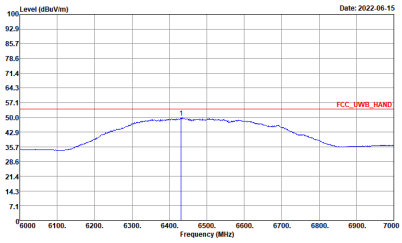
Mode 26: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6443.00	52.77	-1.16	53.93	41.23	34.77	14.55	37.78	---	---	Average

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

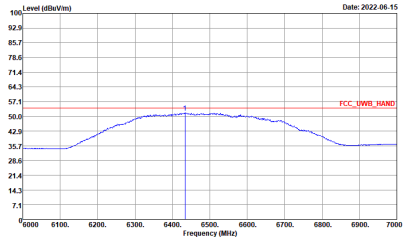


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6431.00	49.89	-4.04	53.93	38.40	34.72	14.55	37.78	---	---	Average

Ant. 3_CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

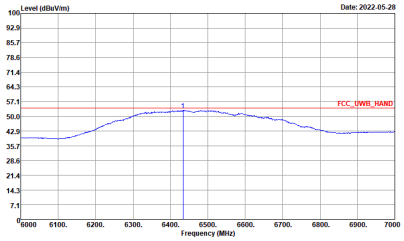
Mode 28: cidx-10_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 0
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6434.00	51.73	-2.20	53.93	40.22	34.74	14.55	37.78	---	---	Average

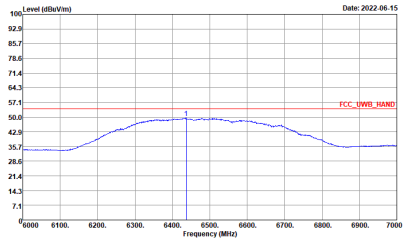
Mode 29: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 1
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6434.00	52.82	-1.11	53.93	41.31	34.74	14.55	37.78	---	---	Average

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

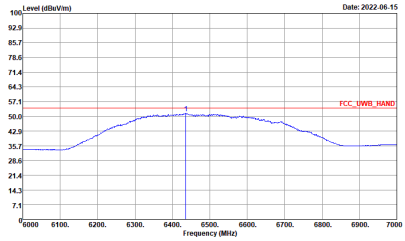


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 10
sts_mode : 3
pocket_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6437.00	49.65	-4.28	53.93	38.13	34.75	14.55	37.78	---	---	Average

Ant. 3_CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

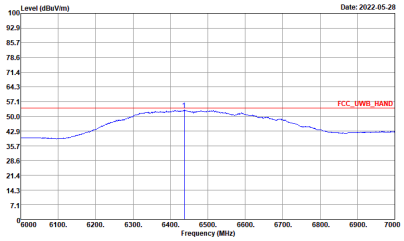
Mode 31: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 0
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6436.00	51.57	-2.36	53.93	40.06	34.74	14.55	37.78	---	---	Average

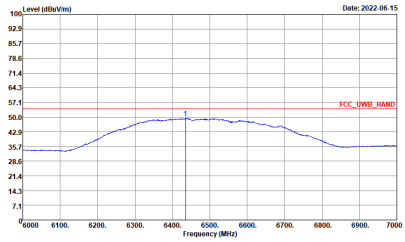
Mode 32: cidx-11_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6437.00	53.09	-0.84	53.93	41.57	34.75	14.55	37.78	---	---	Average

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

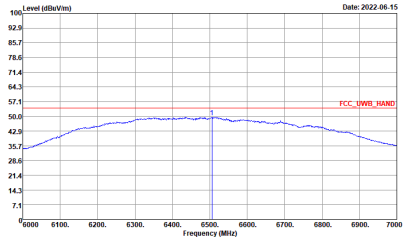


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 3
pocket_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6435.00	49.47	-4.46	53.93	37.96	34.74	14.55	37.78	---	---	Average

Ant. 3_CH05_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

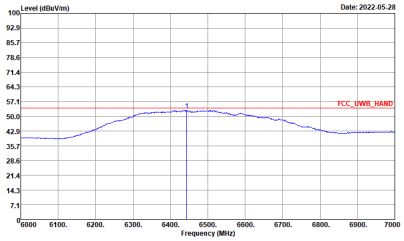
Mode 34: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 0
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6506.00	49.64	-4.29	53.93	37.68	35.14	14.58	37.76	---	---	Average

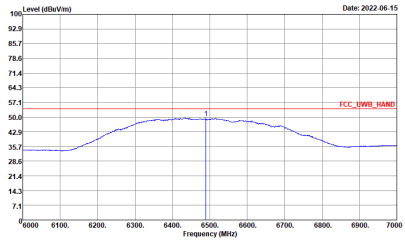
Mode 35: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 1
pocket_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6444.00	53.03	-0.90	53.93	41.48	34.78	14.55	37.78	---	---	Average

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

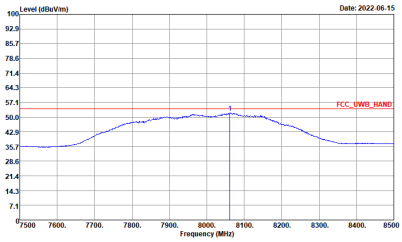


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH5
cidx : 12
sts_mode : 3
pocket_length : 0
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	6490.00	49.63	-4.30	53.93	37.77	35.04	14.57	37.75	---	---	Average

Ant. 3 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

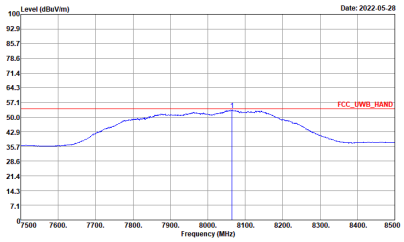
Mode 37: cidx-9_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8062.00	52.05	-1.88	53.93	38.07	37.10	16.11	39.23	---	---	Average

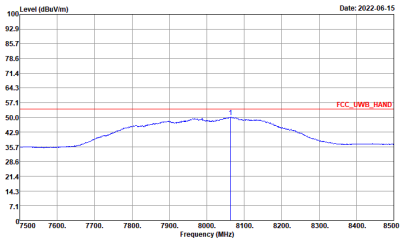
Mode 38: cidx-9_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8065.00	53.42	-0.51	53.93	39.45	37.10	16.11	39.24	---	---	Average

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

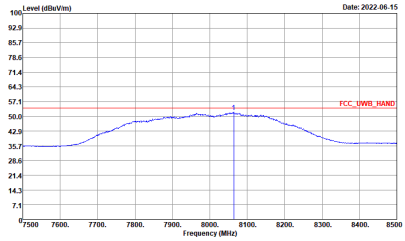


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8063.00	50.16	-3.77	53.93	36.19	37.10	16.11	39.24	---	---	Average

Ant. 3 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

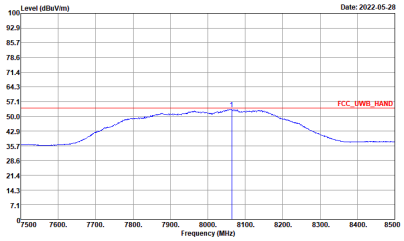
Mode 40: cidx-10_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 0
pocket_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8064.00	52.07	-1.86	53.93	38.10	37.10	16.11	39.24	---	---	Average

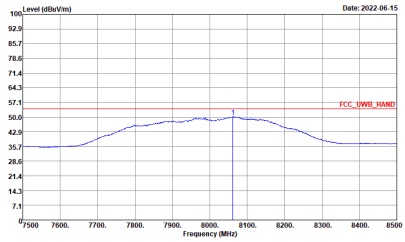
Mode 41: cidx-10_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 1
pocket_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8064.00	53.39	-0.54	53.93	39.42	37.10	16.11	39.24	---	---	Average

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

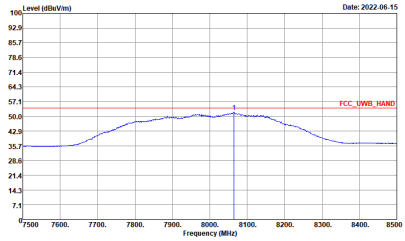


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 10
sts_mode : 3
pocket_length : 0
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8062.00	50.21	-3.72	53.93	36.23	37.10	16.11	39.23	---	---	Average

Ant. 3 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

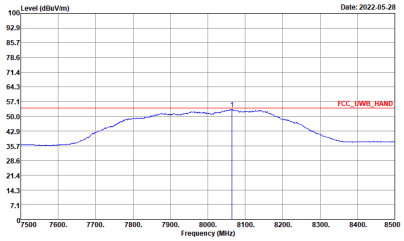
Mode 43: cidx-11_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 0
pocket_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8065.00	52.00	-1.93	53.93	38.03	37.10	16.11	39.24	---	---	Average

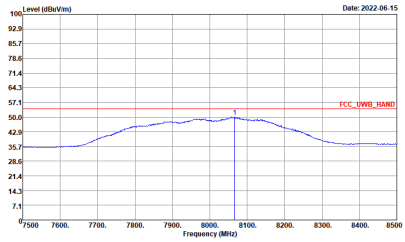
Mode 44: cidx-11_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
pocket_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8065.00	53.48	-0.45	53.93	39.51	37.10	16.11	39.24	---	---	Average

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

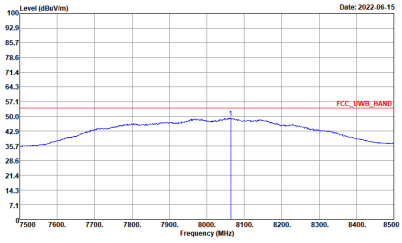


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 3
pocket_length : 0
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8066.00	50.03	-3.90	53.93	36.06	37.10	16.11	39.24	---	---	Average

Ant. 3 CH09_Radiated Emissions (Fundamental)			
Operating Function	Standalone Mode	Polarization	H
		Test Distance	3m

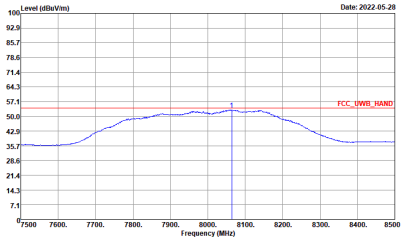
Mode 46: cidx-12_sts-0_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 0
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8064.00	49.23	-4.70	53.93	35.26	37.10	16.11	39.24	---	---	Average

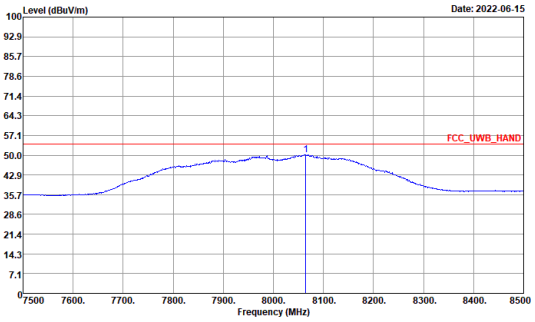
Mode 47: cidx-12_sts-1_packet length-125



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8064.00	53.34	-0.59	53.93	39.37	37.10	16.11	39.24	---	---	Average

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

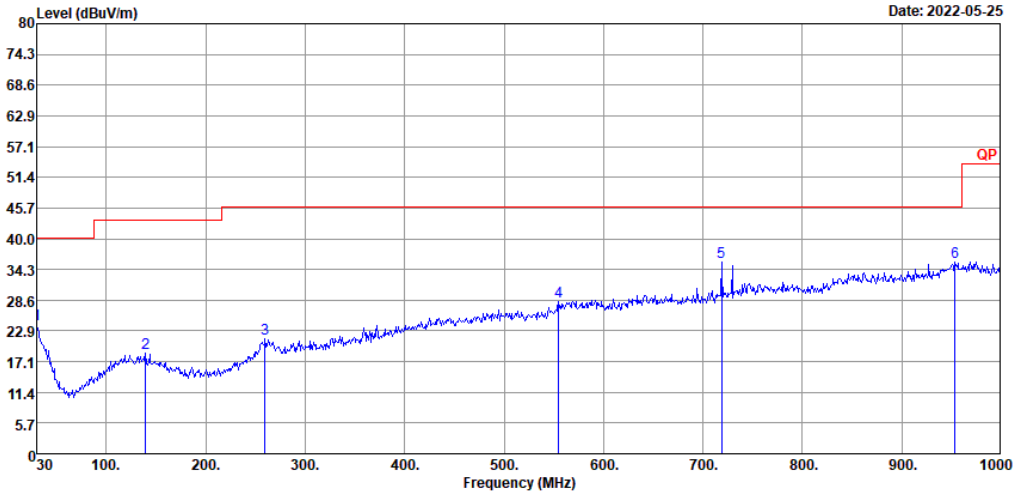


Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:1.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 12
sts_mode : 3
packet_length : 0
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8065.00	50.24	-3.69	53.93	36.27	37.10	16.11	39.24	---	---	Average

3.3.7 Radiated Emissions (30MHz – 1GHz)

Ant. 1 CH05_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

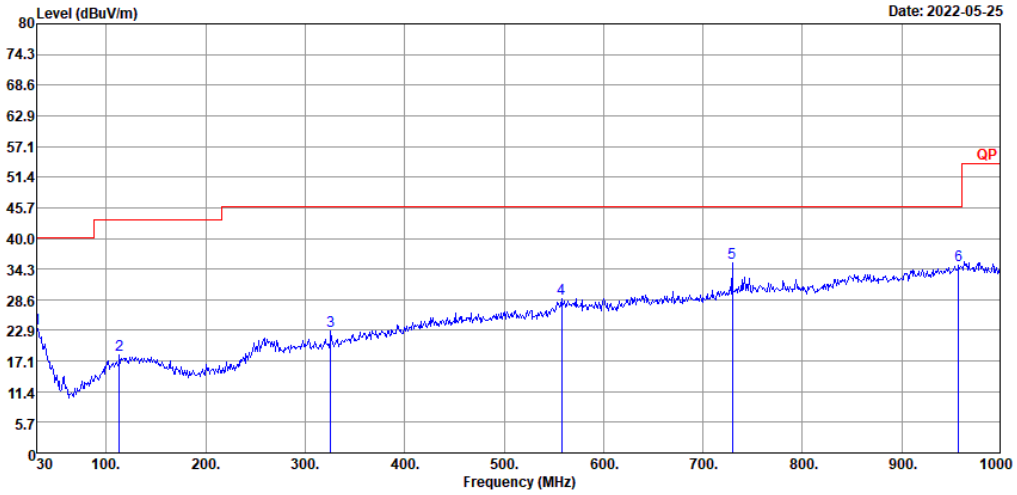


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.00	24.18	-15.82	40.00	34.29	24.37	1.17	35.66	0.01	0.00	---	---	Peak
2	139.61	18.73	-24.77	43.50	34.26	17.57	2.31	35.50	0.09	0.00	---	---	Peak
3	259.89	21.31	-24.69	46.00	33.36	20.09	3.04	35.26	0.08	0.00	---	---	Peak
4	554.77	28.35	-17.65	46.00	32.77	25.55	4.35	34.45	0.13	0.00	---	---	Peak
5	718.70	35.59	-10.41	46.00	37.72	26.71	4.88	33.87	0.15	0.00	---	---	Peak
6	953.44	35.57	-10.43	46.00	32.01	30.54	5.61	32.97	0.38	0.00	---	---	Peak

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. 1 CH05_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

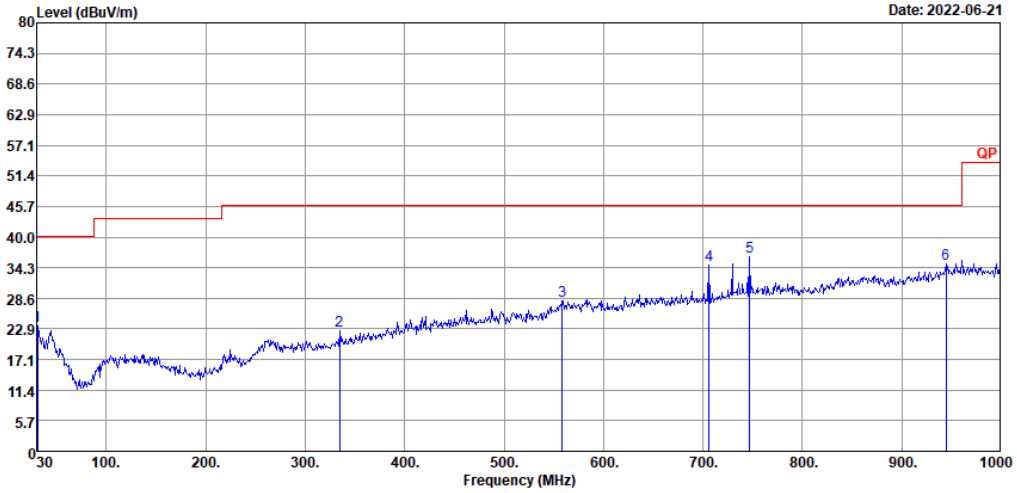


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.00	23.19	-16.81	40.00	33.30	24.37	1.17	35.66	0.01	0.00	---	---	Peak
2	113.42	18.18	-25.32	43.50	34.24	17.32	2.07	35.52	0.07	0.00	---	---	Peak
3	325.85	22.63	-23.37	46.00	34.58	19.68	3.37	35.08	0.08	0.00	---	---	Peak
4	557.68	28.64	-17.36	46.00	32.84	25.76	4.36	34.45	0.13	0.00	---	---	Peak
5	729.37	35.53	-10.47	46.00	37.00	27.26	4.93	33.82	0.16	0.00	---	---	Peak
6	957.32	34.90	-11.10	46.00	31.20	30.66	5.62	32.96	0.38	0.00	---	---	Peak

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. 2 CH09_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

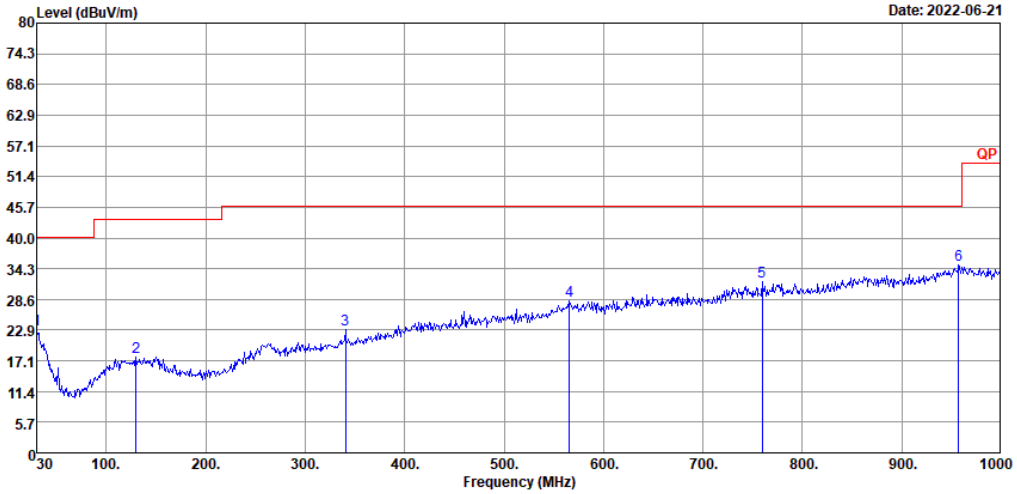


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcece a4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.97	23.29	-16.71	40.00	33.73	23.90	1.19	35.66	0.13	0.00	---	---	Peak
2	334.58	22.40	-23.60	46.00	33.97	19.95	3.42	35.05	0.11	0.00	---	---	Peak
3	558.65	28.16	-17.84	46.00	32.17	25.83	4.36	34.45	0.25	0.00	---	---	Peak
4	706.09	34.74	-11.26	46.00	37.31	26.35	4.83	33.92	0.17	0.00	---	---	Peak
5	746.83	36.34	-9.66	46.00	37.27	27.67	5.00	33.75	0.15	0.00	---	---	Peak
6	944.71	35.04	-10.96	46.00	31.99	30.22	5.60	32.99	0.22	0.00	---	---	Peak

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. 2 CH09_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

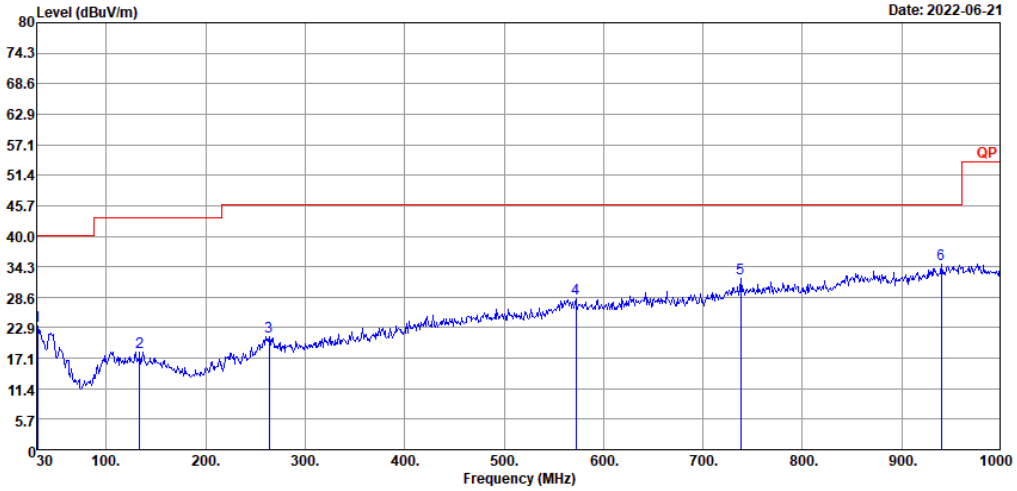


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcece a4ce
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.00	23.06	-16.94	40.00	33.05	24.37	1.17	35.66	0.13	0.00	---	---	Peak
2	129.91	17.90	-25.60	43.50	33.65	17.43	2.22	35.51	0.11	0.00	---	---	Peak
3	340.40	23.05	-22.95	46.00	34.37	20.15	3.45	35.03	0.11	0.00	---	---	Peak
4	565.44	28.32	-17.68	46.00	32.22	25.91	4.39	34.44	0.24	0.00	---	---	Peak
5	759.44	31.90	-14.10	46.00	32.73	27.70	5.04	33.73	0.16	0.00	---	---	Peak
6	957.32	35.09	-10.91	46.00	31.54	30.66	5.62	32.96	0.23	0.00	---	---	Peak

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. 3 CH05_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

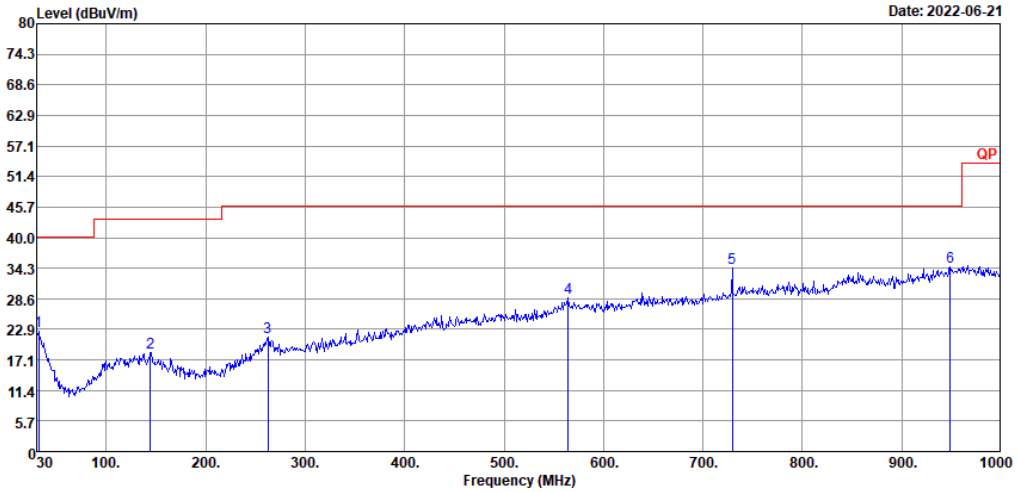


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.97	23.16	-16.84	40.00	33.60	23.90	1.19	35.66	0.13	0.00	---	---	Peak
2	133.79	18.35	-25.15	43.50	34.04	17.45	2.25	35.51	0.12	0.00	---	---	Peak
3	263.77	21.27	-24.73	46.00	33.18	20.16	3.06	35.25	0.12	0.00	---	---	Peak
4	572.23	28.30	-17.70	46.00	32.36	25.70	4.42	34.42	0.24	0.00	---	---	Peak
5	738.10	31.98	-14.02	46.00	33.13	27.53	4.96	33.79	0.15	0.00	---	---	Peak
6	939.86	34.67	-11.33	46.00	32.00	29.88	5.59	33.01	0.21	0.00	---	---	Peak

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. 3 CH05_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

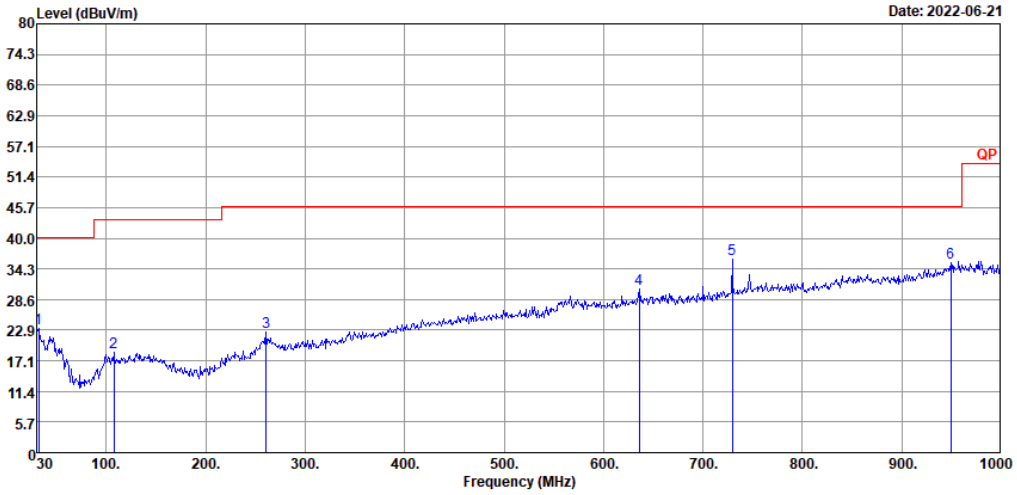


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	31.94	22.55	-17.45	40.00	33.39	23.49	1.20	35.66	0.13	0.00	---	---	Peak
2	144.46	18.46	-25.04	43.50	34.01	17.46	2.34	35.48	0.13	0.00	---	---	Peak
3	262.80	21.47	-24.53	46.00	33.41	20.15	3.05	35.26	0.12	0.00	---	---	Peak
4	564.47	28.66	-17.34	46.00	32.54	25.92	4.39	34.44	0.25	0.00	---	---	Peak
5	729.37	34.36	-11.64	46.00	35.83	27.26	4.93	33.82	0.16	0.00	---	---	Peak
6	948.59	34.58	-11.42	46.00	31.34	30.38	5.61	32.98	0.23	0.00	---	---	Peak

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. 3 CH09_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

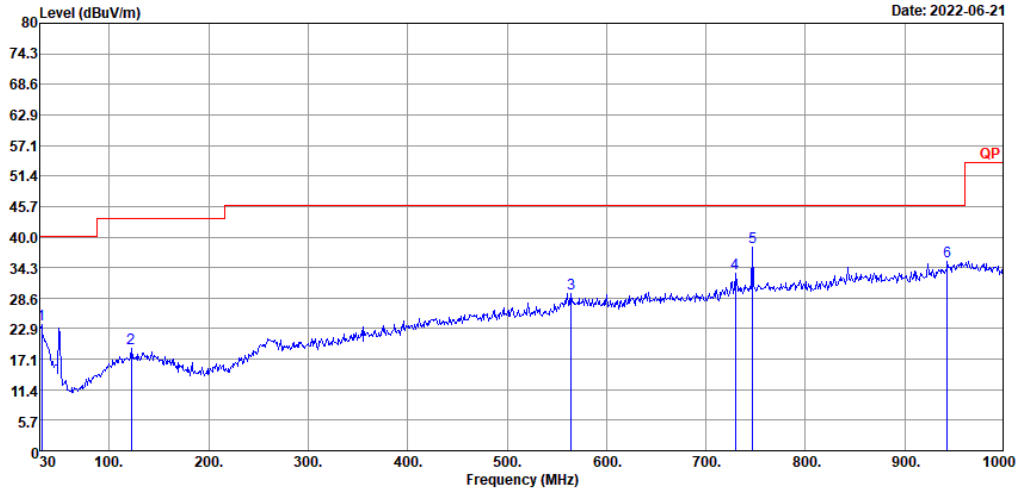


Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	31.94	23.19	-16.81	40.00	34.03	23.49	1.20	35.66	0.13	0.00	---	---	Peak
2	107.60	18.68	-24.82	43.50	35.29	16.80	2.02	35.52	0.09	0.00	---	---	Peak
3	260.86	22.56	-23.44	46.00	34.55	20.12	3.04	35.26	0.11	0.00	---	---	Peak
4	636.25	30.60	-15.40	46.00	33.85	26.15	4.64	34.21	0.17	0.00	---	---	Peak
5	729.37	36.04	-9.96	46.00	37.51	27.26	4.93	33.82	0.16	0.00	---	---	Peak
6	949.56	35.32	-10.68	46.00	32.04	30.42	5.61	32.98	0.23	0.00	---	---	Peak

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. 3 CH09_Radiated Emissions (30MHz – 1GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m



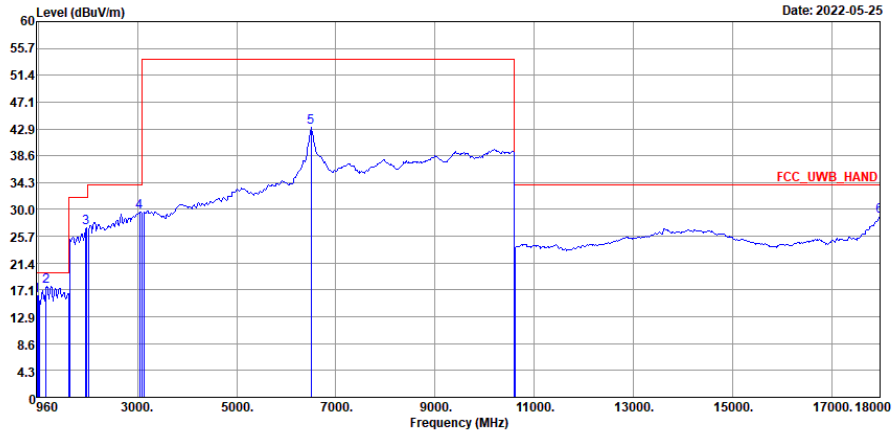
Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	31.94	23.62	-16.38	40.00	34.46	23.49	1.20	35.66	0.13	0.00	---	---	Peak
2	122.15	19.14	-24.36	43.50	34.99	17.43	2.15	35.52	0.09	0.00	---	---	Peak
3	564.47	29.43	-16.57	46.00	33.31	25.92	4.39	34.44	0.25	0.00	---	---	Peak
4	729.37	33.16	-12.84	46.00	34.63	27.26	4.93	33.82	0.16	0.00	---	---	Peak
5	746.83	38.11	-7.89	46.00	39.04	27.67	5.00	33.75	0.15	0.00	---	---	Peak
6	942.77	35.37	-10.63	46.00	32.47	30.08	5.60	33.00	0.22	0.00	---	---	Peak

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.

3.3.8 Radiated Emissions (960MHz – 18GHz)

Ant. 1 CH05_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	979.24	16.21	-3.72	19.93	28.21	30.42	5.63	32.89	0.40	-15.56	---	---	Average
2	1159.82	17.77	-2.16	19.93	31.08	25.84	6.07	35.68	-9.54	0.00	---	---	Average
3	1953.52	27.09	-4.84	31.93	29.09	26.23	7.84	36.07	0.00	0.00	---	---	Average
4	3042.28	29.58	-4.35	33.93	26.28	29.57	9.87	36.14	0.00	0.00	---	---	Average
5	6497.50	43.07	-10.86	53.93	31.16	35.08	14.58	37.75	0.00	0.00	---	---	Average
6	17970.40	28.91	-5.02	33.93	24.14	41.59	24.19	45.45	-15.56	0.00	---	---	Average

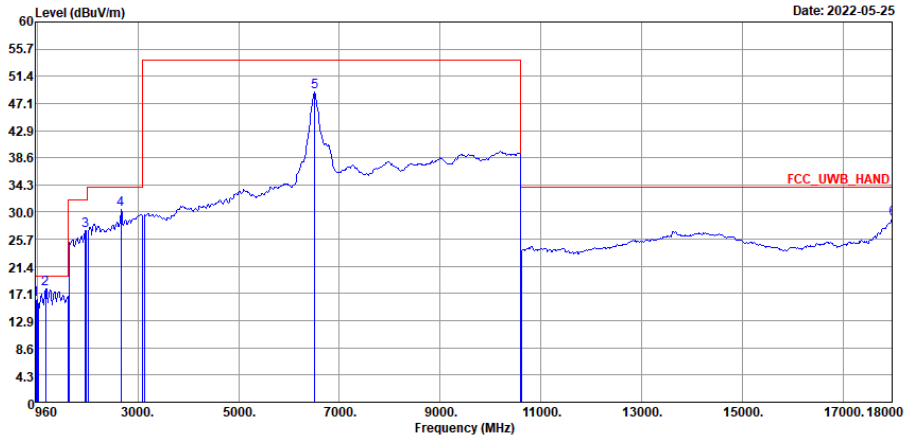
Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission 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) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)
  Example: Corrected Reading: 30.42 (dB/m) + 5.63 (dB) + 28.21 (dBuV) – 32.89 (dB) + (-15.16) (dB) = 16.21 (dBuV/m)

Ant. 1 CH05_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

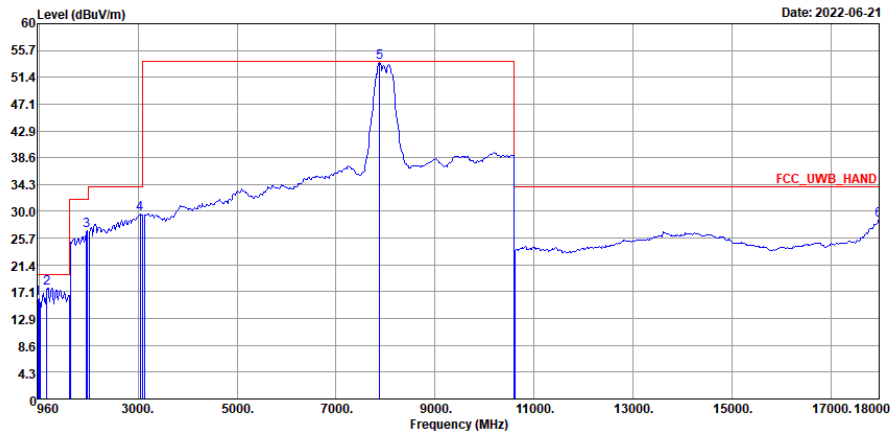
	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	977.40	16.15	-3.78	19.93	28.10	30.48	5.63	32.90	0.40	-15.56	---	---	Average
2	1164.09	17.91	-2.02	19.93	31.19	25.86	6.08	35.68	-9.54	0.00	---	---	Average
3	1953.52	27.14	-4.79	31.93	29.14	26.23	7.84	36.07	0.00	0.00	---	---	Average
4	2661.55	30.36	-3.57	33.93	29.32	28.12	9.16	36.24	0.00	0.00	---	---	Average
5	6512.50	49.02	-4.91	53.93	37.02	35.17	14.59	37.76	0.00	0.00	---	---	Average
6	17992.60	28.97	-4.96	33.93	24.03	41.75	24.21	45.46	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 2 CH09_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

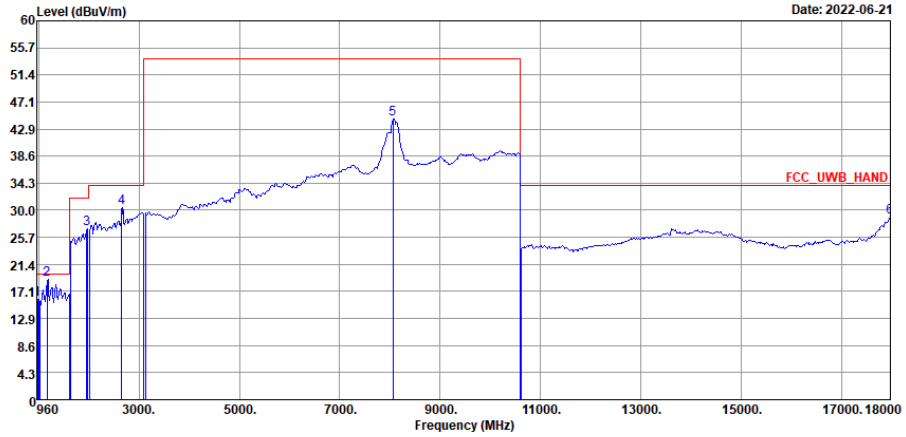
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	977.88	15.97	-3.96	19.93	28.10	30.47	5.63	32.90	0.23	-15.56	---	---	Average
2	1159.21	17.71	-2.22	19.93	31.02	25.84	6.07	35.68	-9.54	0.00	---	---	Average
3	1957.32	26.87	-5.06	31.93	28.83	26.26	7.85	36.07	0.00	0.00	---	---	Average
4	3042.28	29.54	-4.39	33.93	26.24	29.57	9.87	36.14	0.00	0.00	---	---	Average
5	7877.50	53.76	-0.17	53.93	39.79	36.96	16.05	39.04	0.00	0.00	---	---	Average
6	17977.80	28.64	-5.29	33.93	23.81	41.64	24.20	45.45	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 2 CH09_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

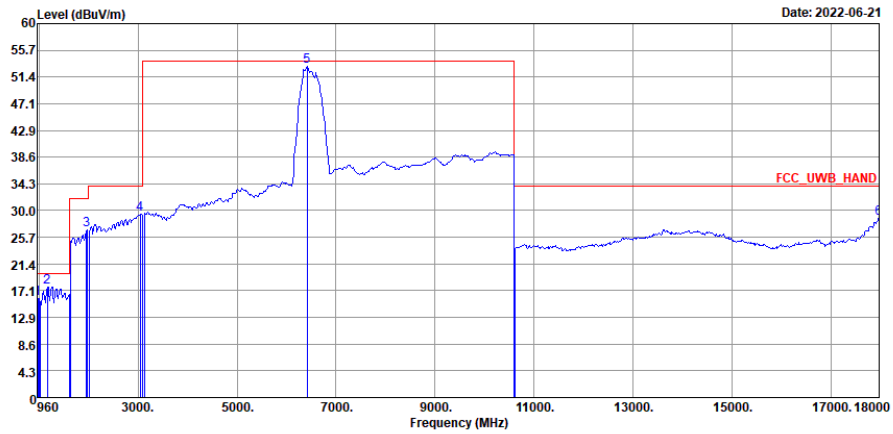
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	975.60	15.90	-4.03	19.93	27.95	30.55	5.63	32.90	0.23	-15.56	---	---	Average
2	1165.92	19.02	-0.91	19.93	32.29	25.86	6.09	35.68	-9.54	0.00	---	---	Average
3	1958.08	27.02	-4.91	31.93	28.98	26.26	7.85	36.07	0.00	0.00	---	---	Average
4	2654.89	30.37	-3.56	33.93	29.36	28.11	9.15	36.25	0.00	0.00	---	---	Average
5	8065.00	44.52	-9.41	53.93	30.55	37.10	16.11	39.24	0.00	0.00	---	---	Average
6	17977.80	28.93	-5.00	33.93	24.10	41.64	24.20	45.45	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH05_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

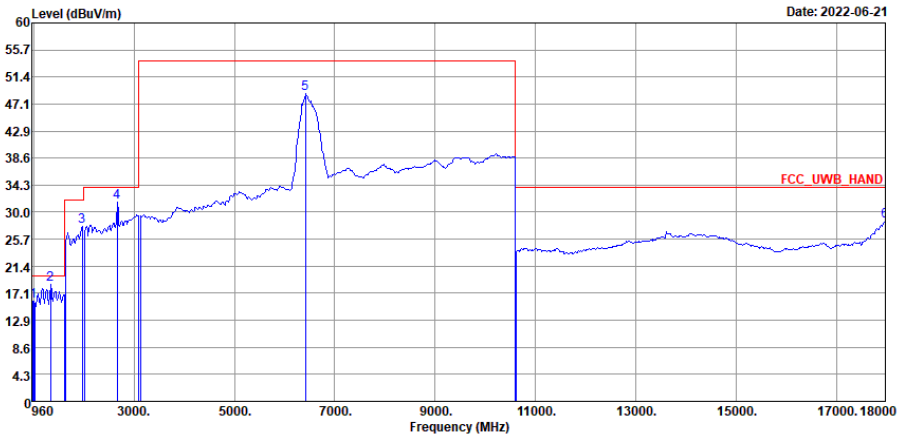
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	979.32	15.94	-3.99	19.93	28.12	30.41	5.63	32.89	0.23	-15.56	---	---	Average
2	1162.26	17.77	-2.16	19.93	31.06	25.85	6.08	35.68	-9.54	0.00	---	---	Average
3	1956.18	26.93	-5.00	31.93	28.91	26.25	7.84	36.07	0.00	0.00	---	---	Average
4	3044.50	29.48	-4.45	33.93	26.17	29.58	9.88	36.15	0.00	0.00	---	---	Average
5	6415.00	53.12	-0.81	53.93	41.71	34.66	14.54	37.79	0.00	0.00	---	---	Average
6	17977.80	28.82	-5.11	33.93	23.99	41.64	24.20	45.45	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH05_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

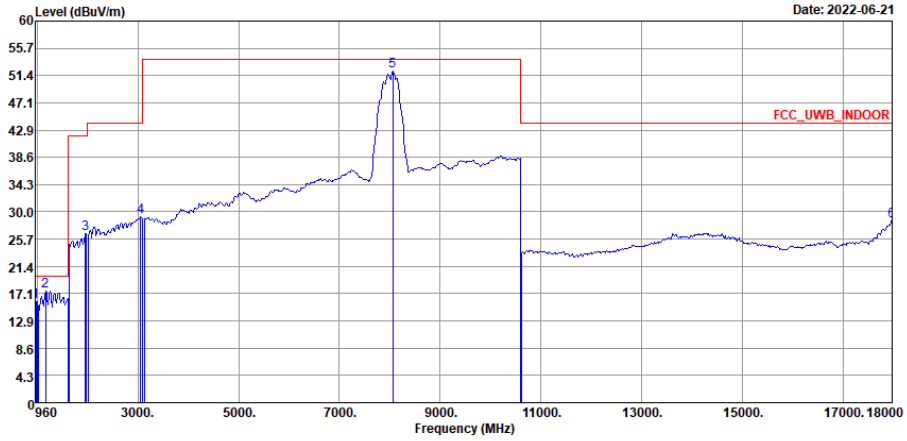
	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	985.04	15.92	-4.01	19.93	28.27	30.21	5.64	32.87	0.23	-15.56	---	---	Average
2	1330.62	18.49	-1.44	19.93	31.57	25.72	6.47	35.73	-9.54	0.00	---	---	Average
3	1963.02	27.70	-4.23	31.93	29.62	26.30	7.86	36.08	0.00	0.00	---	---	Average
4	2659.33	31.59	-2.34	33.93	30.56	28.12	9.15	36.24	0.00	0.00	---	---	Average
5	6415.00	48.73	-5.20	53.93	37.32	34.66	14.54	37.79	0.00	0.00	---	---	Average
6	17970.40	28.65	-5.28	33.93	23.88	41.59	24.19	45.45	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH09_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_INDOOR 3m 9120D_02294_1110622 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

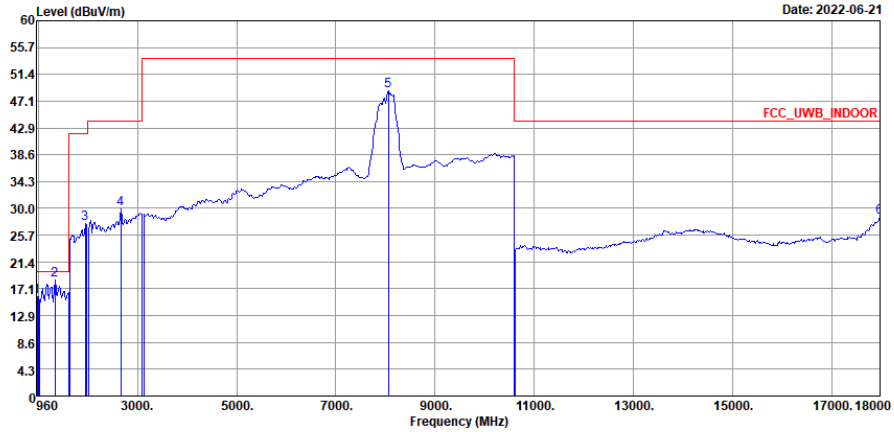
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	978.72	15.92	-4.01	19.93	28.07	30.44	5.63	32.89	0.23	-15.56	---	---	Average
2	1164.70	17.61	-2.32	19.93	31.14	25.86	5.83	35.68	-9.54	0.00	---	---	Average
3	1953.52	26.63	-15.30	41.93	28.91	26.23	7.56	36.07	0.00	0.00	---	---	Average
4	3048.94	29.18	-14.75	43.93	26.19	29.60	9.54	36.15	0.00	0.00	---	---	Average
5	8057.50	52.15	-1.78	53.93	38.85	37.10	15.43	39.23	0.00	0.00	---	---	Average
6	17977.80	28.66	-15.27	43.93	24.15	41.64	23.88	45.45	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH09_Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_INDOOR 3m 9120D_02294_1110622 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	976.72	15.89	-4.04	19.93	27.98	30.51	5.63	32.90	0.23	-15.56	---	---	Average
2	1331.84	18.49	-1.44	19.93	31.80	25.73	6.23	35.73	-9.54	0.00	---	---	Average
3	1947.82	27.62	-14.31	41.93	29.97	26.17	7.55	36.07	0.00	0.00	---	---	Average
4	2658.22	29.89	-14.04	43.93	29.15	28.12	8.86	36.24	0.00	0.00	---	---	Average
5	8057.50	48.79	-5.14	53.93	35.49	37.10	15.43	39.23	0.00	0.00	---	---	Average
6	17970.40	28.59	-15.34	43.93	24.13	41.59	23.88	45.45	-15.56	0.00	---	---	Average

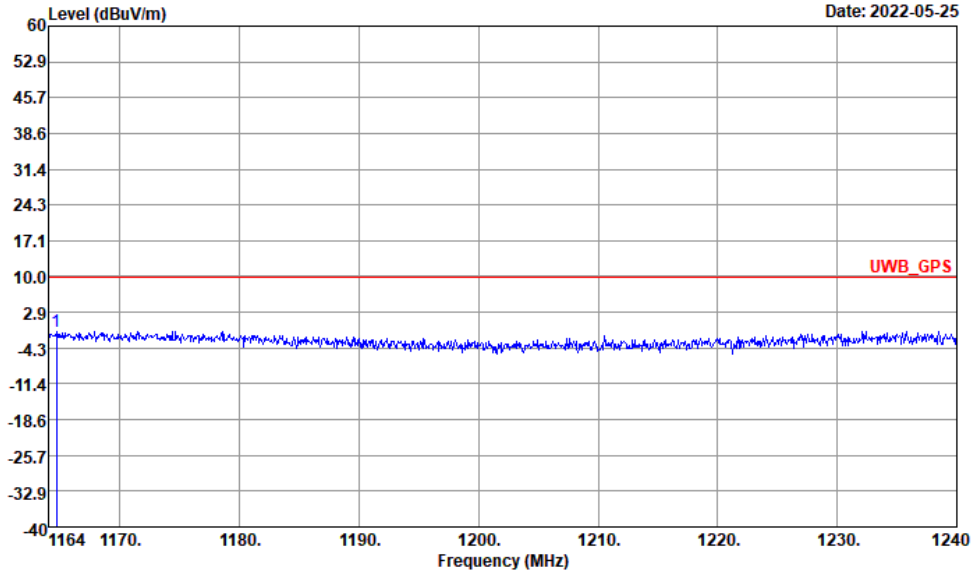
Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Average emission 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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
  (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
  (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

3.3.9 Radiated Emissions (1164MHz – 1240MHz)

Ant. 1 CH05_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

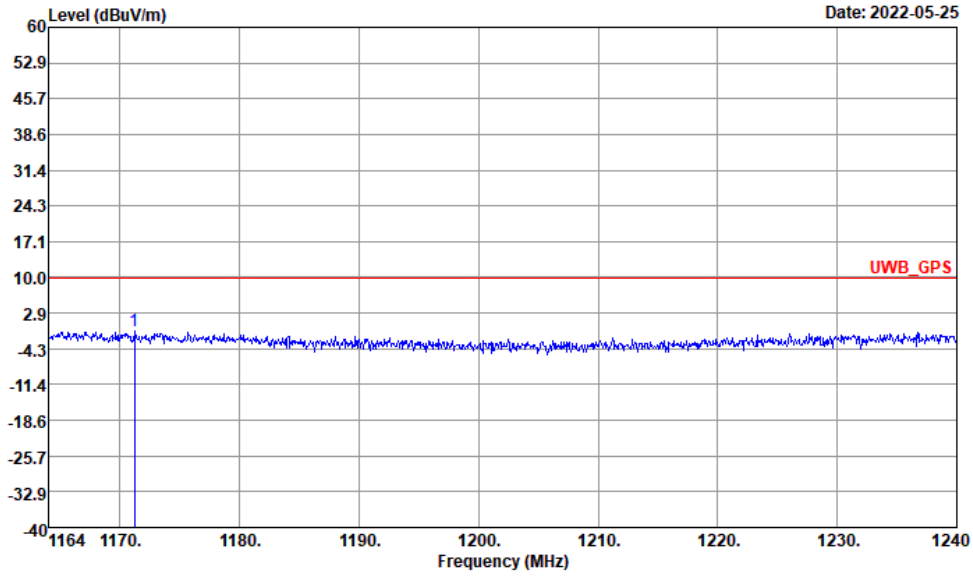


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1164.68	-0.89	-10.82	9.93	2.84	25.86	6.09	35.68	---	---	Average

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

Ant. 1 CH05_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

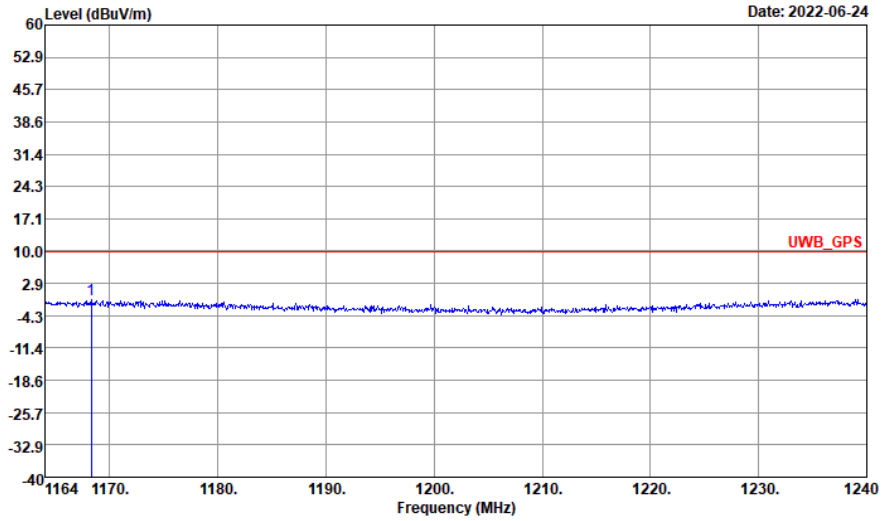


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1171.22	-0.84	-10.77	9.93	2.86	25.88	6.10	35.68	---	---	Average

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: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.

Ant. 2 CH09_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

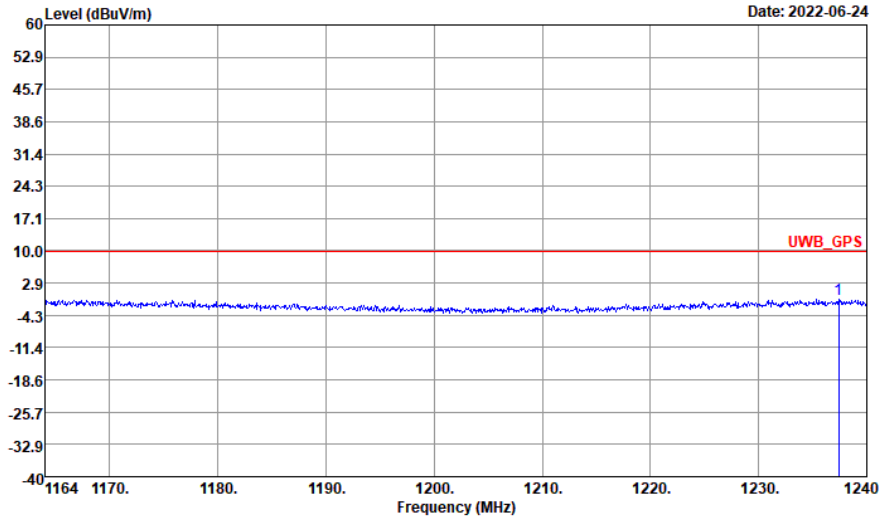


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02360_211102 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1168.26	-0.84	-10.77	9.93	2.91	25.83	6.10	35.68	---	---	Average

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: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.

Ant. 2 CH09_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

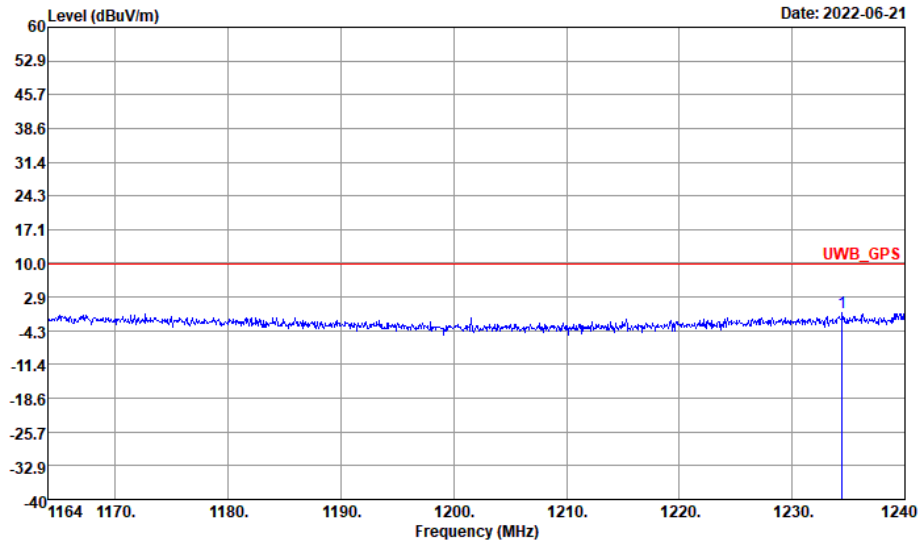


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02360_211102 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcece a4ce
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1237.42	-0.77	-10.70	9.93	3.04	25.63	6.26	35.70	---	---	Average

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

Ant. 3 CH05_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

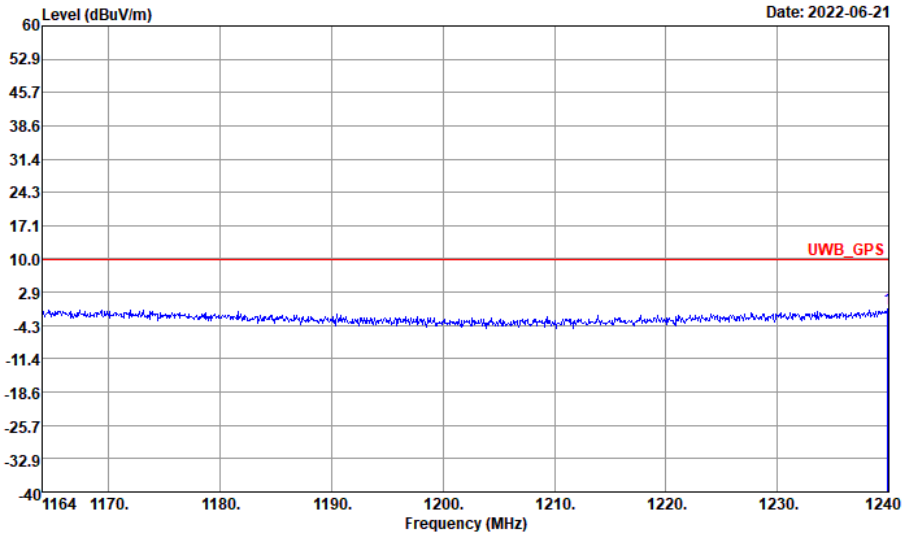


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1234.45	-0.56	-10.49	9.93	2.95	25.93	6.26	35.70	---	---	Average

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: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.

Ant. 3 CH05_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

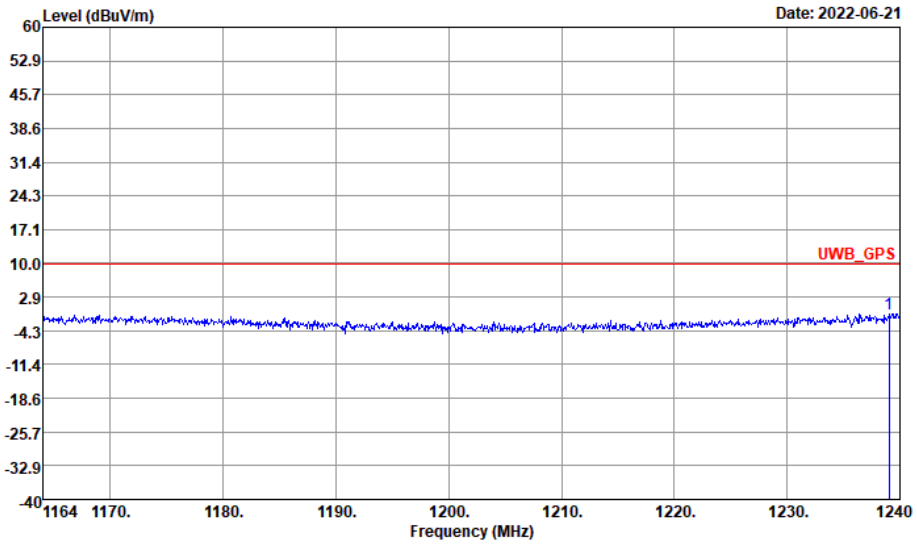


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1239.92	-0.79	-10.72	9.93	2.72	25.92	6.27	35.70	---	---	Average

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

Ant. 3 CH09_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

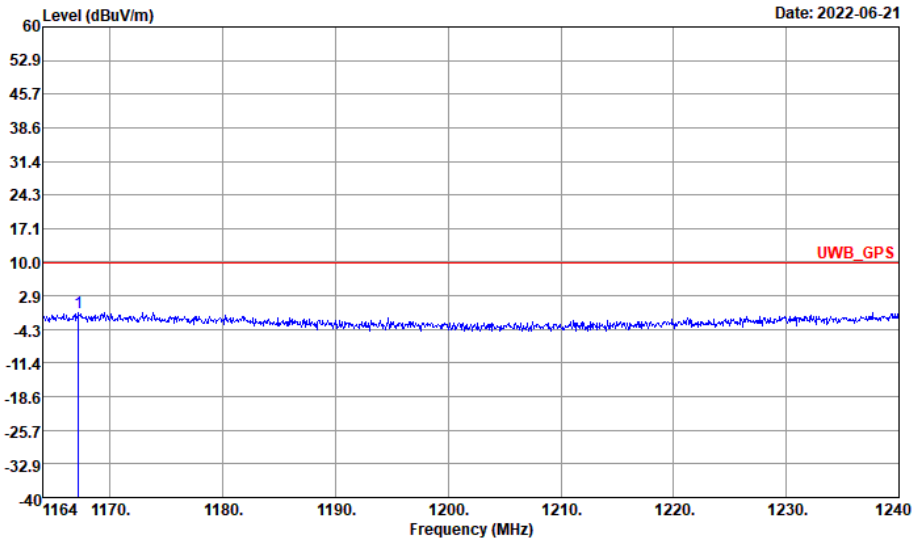


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1239.01	-0.65	-10.58	9.93	2.86	25.92	6.27	35.70	---	---	Average

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: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.

Ant. 3 CH09_Radiated Emissions (1164MHz – 1240MHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m



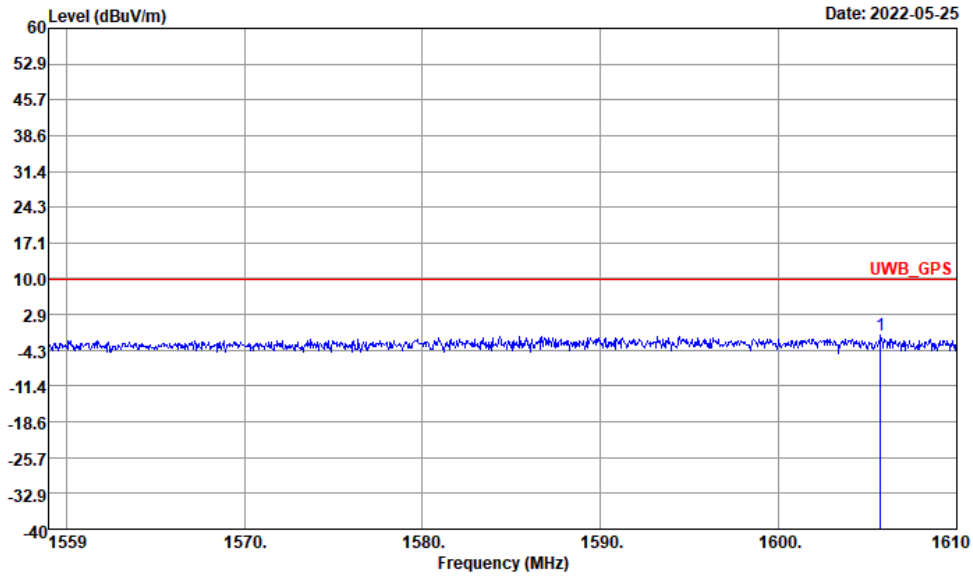
Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1167.19	-0.81	-10.74	9.93	2.91	25.87	6.09	35.68	---	---	Average

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

3.3.10 Radiated Emissions (1559MHz – 1610MHz)

Ant. 1 CH05_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

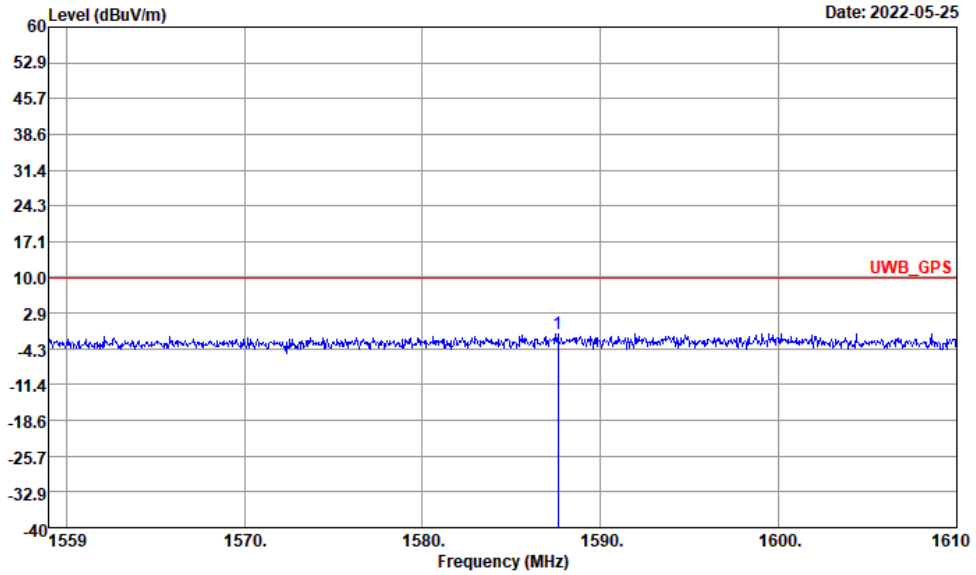


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1605.72	-1.24	-11.17	9.93	2.11	25.38	7.12	35.85	---	---	Average

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

Ant. 1 CH05_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

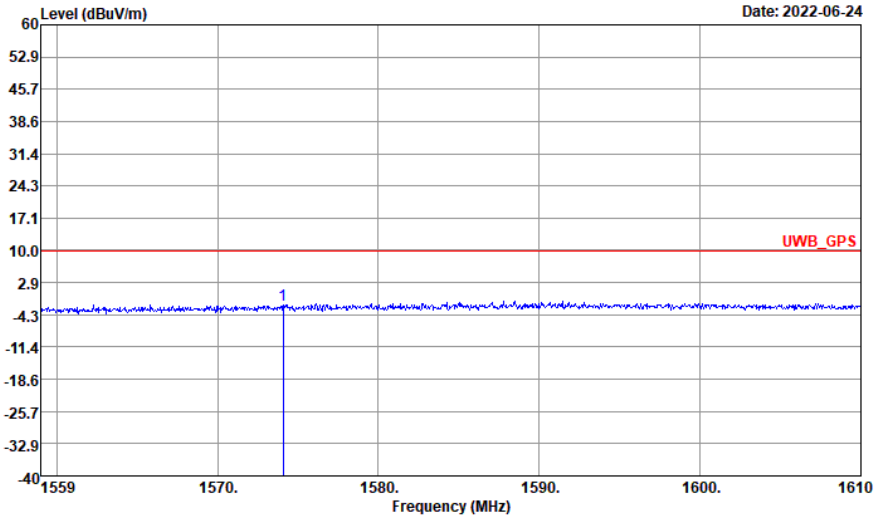


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1587.61	-1.21	-11.14	9.93	2.13	25.42	7.08	35.84	---	---	Average

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

Ant. 2 CH09_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

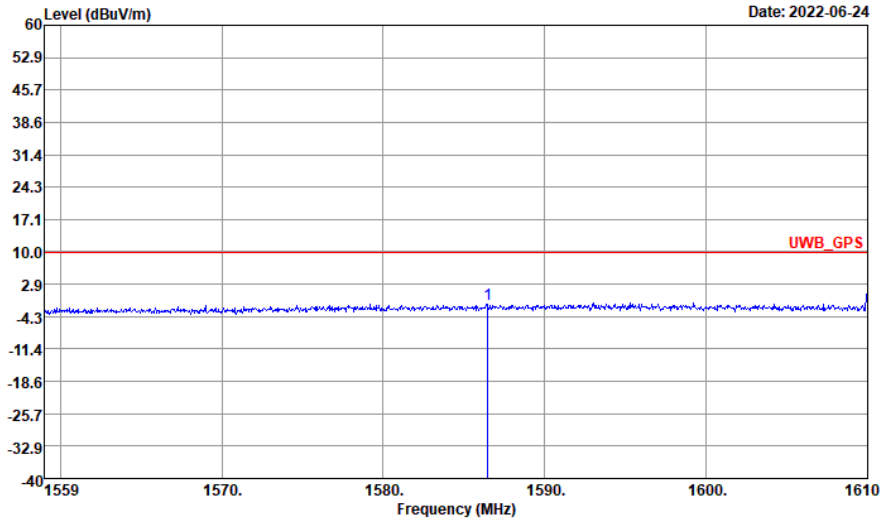


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02360_211102 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcece a4ce
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1574.10	-2.05	-11.98	9.93	1.28	25.45	7.05	35.83	---	---	Average

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

Ant. 2 CH09_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

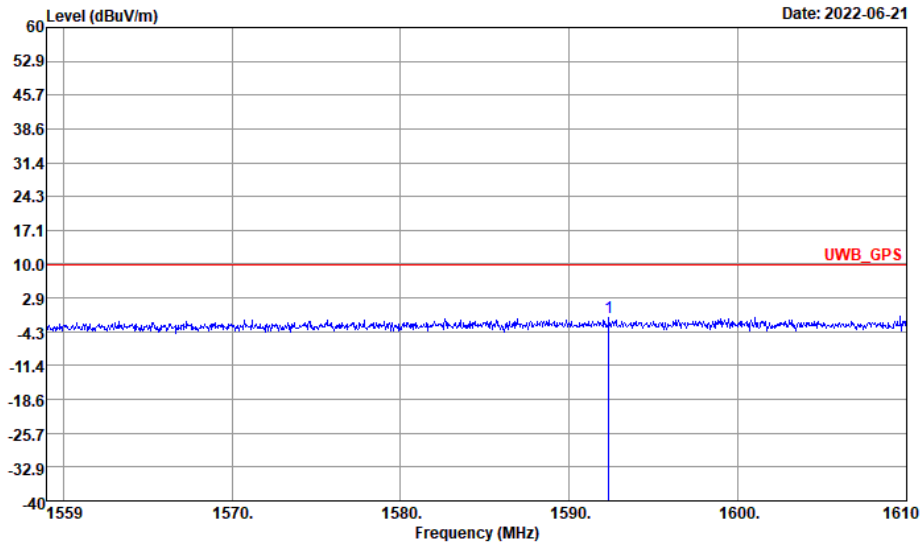


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02360_211102 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1586.49	-1.49	-11.42	9.93	1.84	25.43	7.08	35.84	---	---	Average

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

Ant. 3 CH05_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

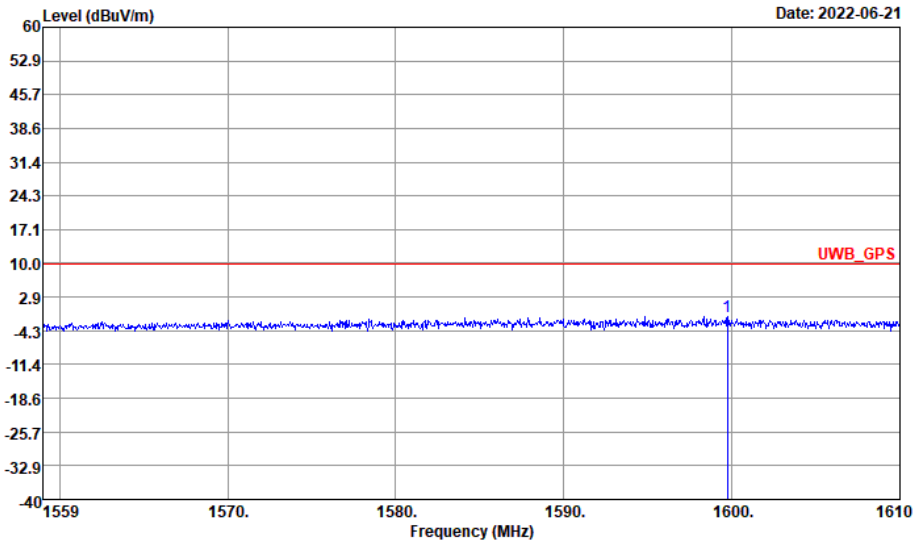


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1592.35	-1.15	-11.08	9.93	2.18	25.42	7.09	35.84	---	---	Average

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

Ant. 3 CH05_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m

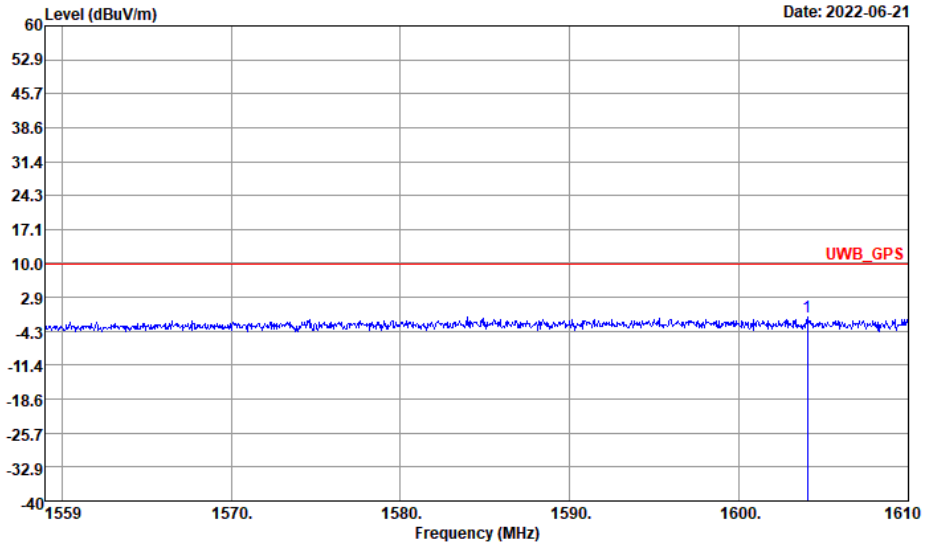


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1599.75	-1.17	-11.10	9.93	2.16	25.40	7.11	35.84	---	---	Average

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

Ant. 3 CH09_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	3m

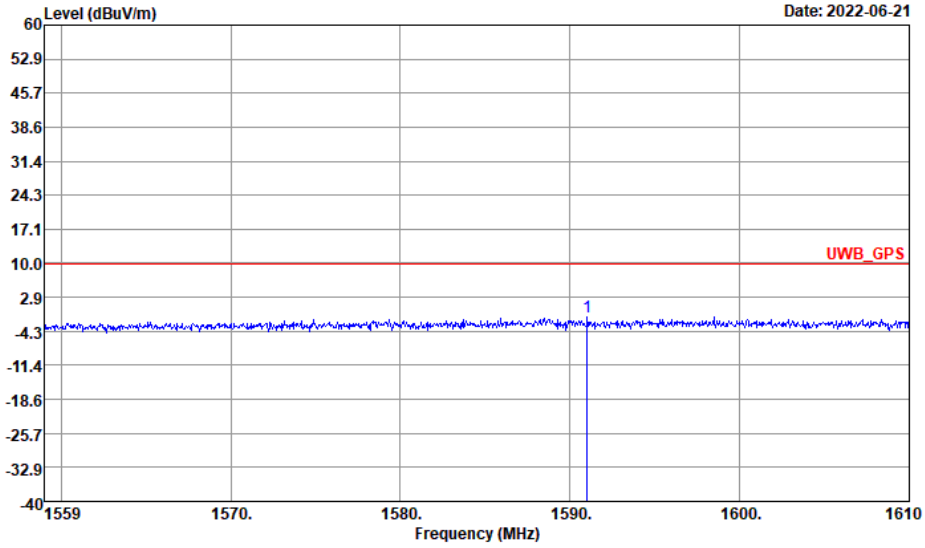


Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1604.03	-1.30	-11.23	9.93	2.05	25.38	7.12	35.85	---	---	Average

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

Ant. 3 CH09_Radiated Emissions (1559MHz – 1610MHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	3m



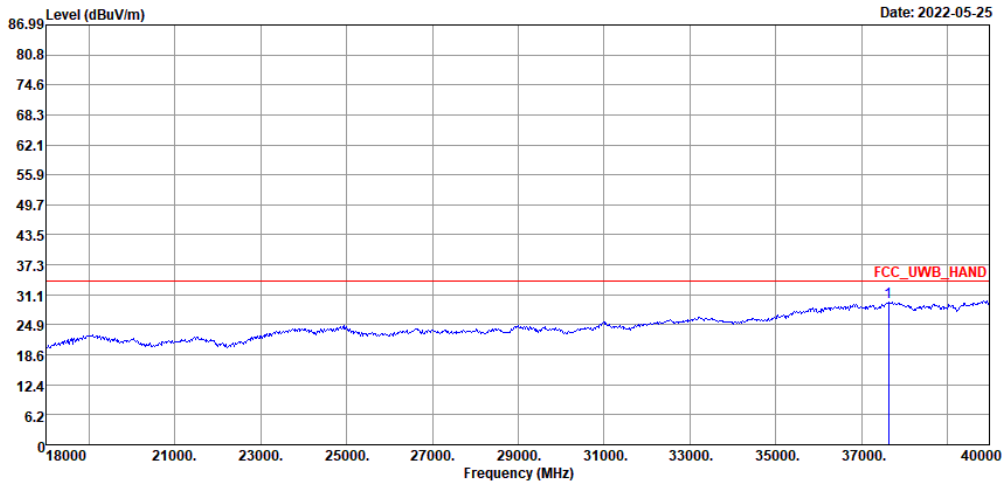
Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1591.03	-1.24	-11.17	9.93	2.09	25.42	7.09	35.84	---	---	Average

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

3.3.11 Radiated Emissions (18GHz – 40GHz)

Ant. 1 CH05_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF HORN00994_211104 HORIZONTAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

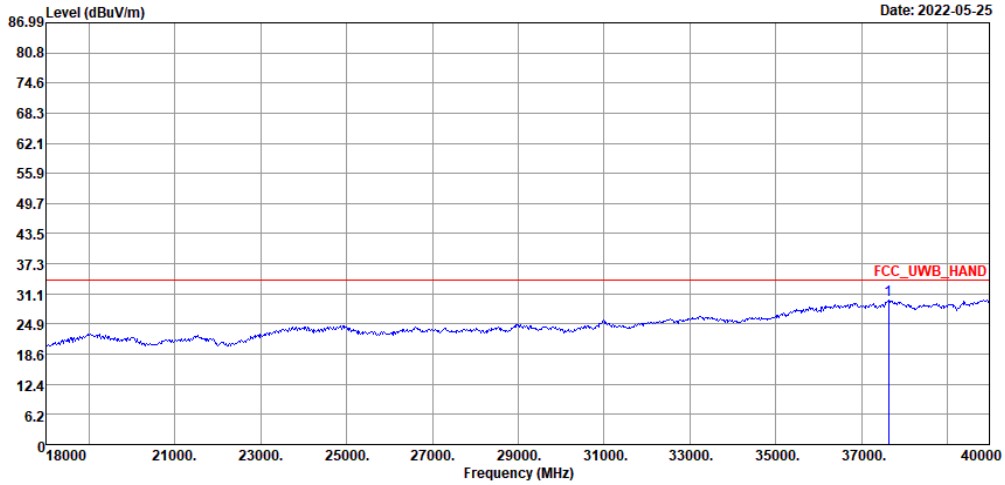
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	37624.00	29.64	-4.29	33.93	50.24	43.50	9.04	57.58	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 1 CH05_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 5: cidx-10_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF HORN00994_211104 VERTICAL
Projaect : 121931-20
EUT : #4
Channel : CH5
cidx : 10
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 20

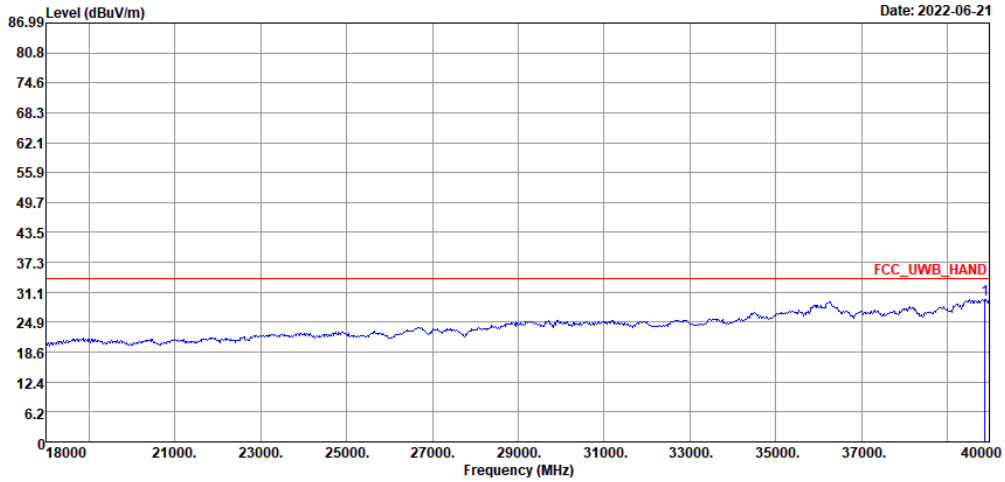
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	37624.00	29.79	-4.14	33.93	50.39	43.50	9.04	57.58	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 2 CH09_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00994_211104 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcece a4ce
PG Delay : 26

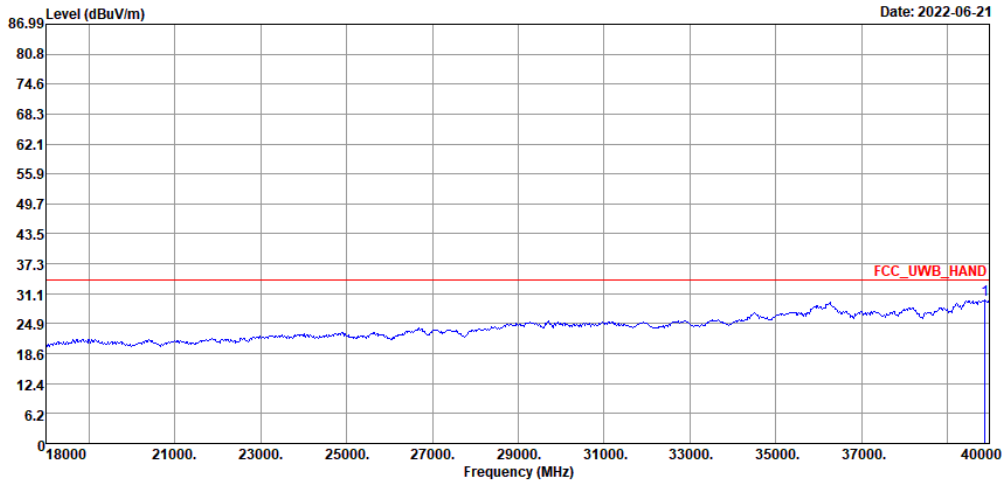
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39868.00	29.65	-4.28	33.93	48.49	43.94	8.71	55.93	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 2 CH09_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 14: cidx-9_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00994_211104 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xcecea4ce
PG Delay : 26

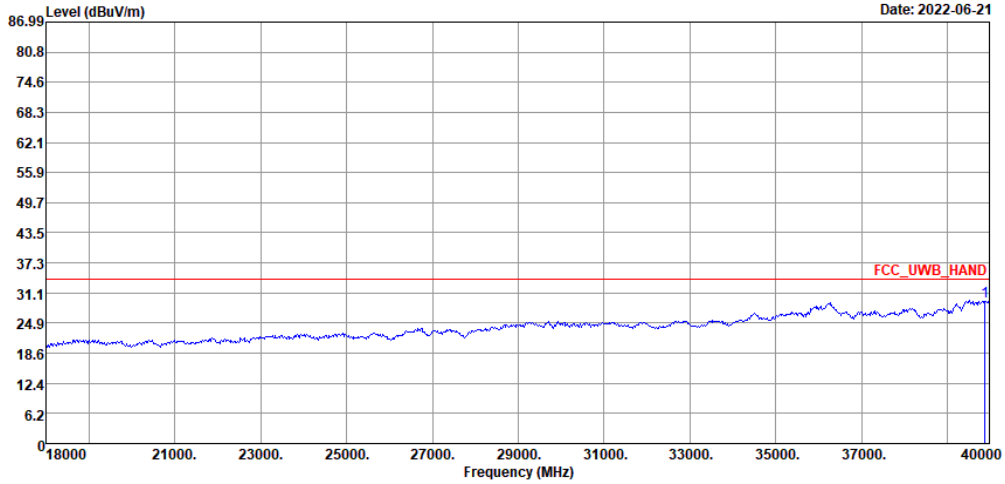
	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39868.00	29.74	-4.19	33.93	48.58	43.94	8.71	55.93	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH05_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00994_211104 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

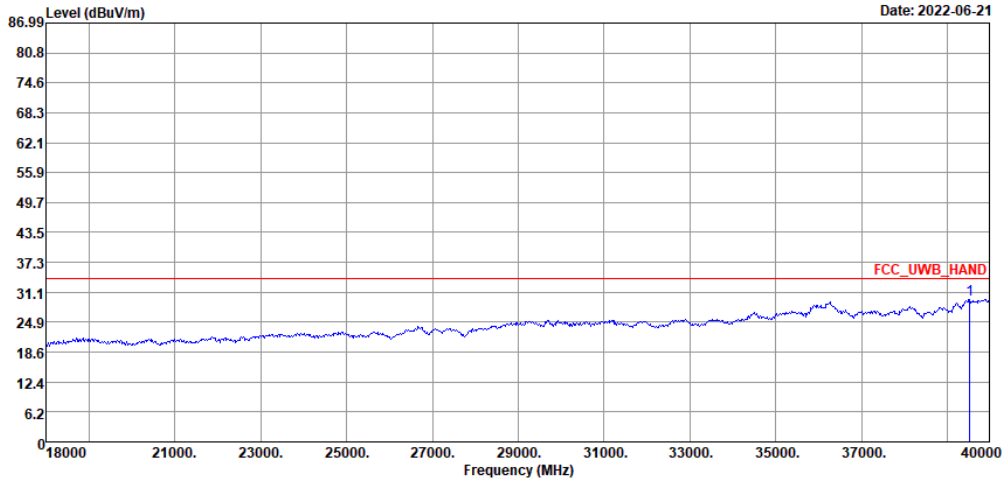
	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39868.00	29.43	-4.50	33.93	48.27	43.94	8.71	55.93	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH05_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 32: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00994_211104 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH5
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x7f7f6c7f
PG Delay : 34

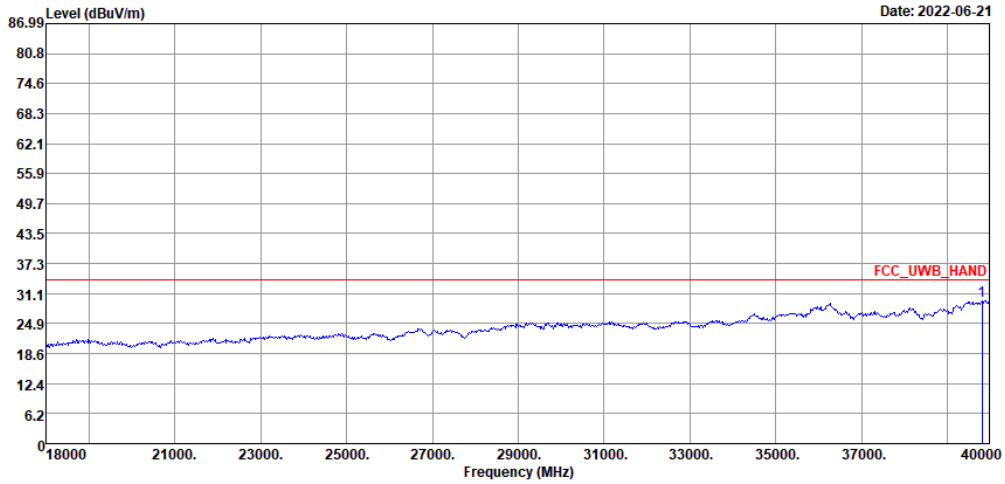
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39516.00	29.59	-4.34	33.93	49.07	43.98	8.38	56.28	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH09_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	H
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 HORIZONTAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

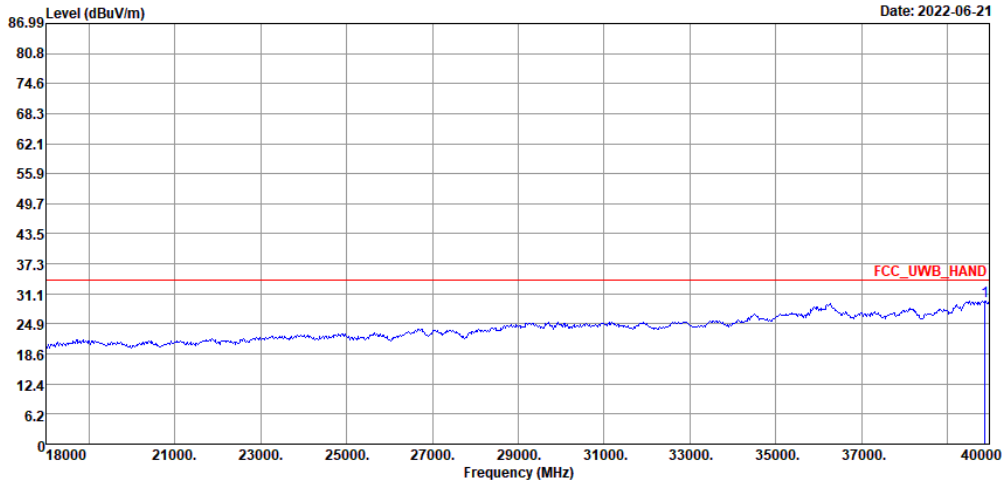
	Freq	Level	Over Limit	Limit Line	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39802.00	29.56	-4.37	33.93	47.97	44.50	8.65	56.00	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

Ant. 3 CH09_Radiated Emissions (18GHz – 40GHz)			
Test Mode	Mode 44: cidx-11_sts-1_packet length-125	**Polarization**	V
Operating Function	Standalone Mode	**Test Distance**	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 VERTICAL
Projaect : 121931-20
EUT : #14
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0x8e8e748e
PG Delay : 34

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39868.00	29.57	-4.36	33.93	47.85	44.50	8.71	55.93	-15.56	0.00	---	---	Average

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)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
  (Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

4 Test Equipment and Calibration Data

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receicver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	May 23, 2022~ Jun. 24, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	May 23, 2022~ Jun. 24, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	May 23, 2022~ Jun. 24, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	May 23, 2022~ Jun. 20, 2022	Jun. 21, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Jun. 21, 2022~ Jun. 24, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	May 23, 2022~ Jun. 21, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02360	1GHz~18GHz	Nov. 02, 2021	Jun. 22, 2022~ Jun. 24, 2022	Nov. 01, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz-40GHz	Nov. 04, 2021	May 23, 2022~ Jun. 24, 2022	Nov. 03, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 22, 2022	May 23, 2022~ Jun. 24, 2022	Mar. 21, 2023	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 19, 2022	May 23, 2022~ Jun. 24, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	May 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH20-HY)

————THE END————