



FCC RADIO TEST REPORT

FCC ID : IHDT56AY1
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2701-1 , XT2701-2
Applicant : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL
60654 USA
Manufacturer : Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL
60654 USA
Standard : 47 CFR FCC Part 15.519

The product was received on Aug. 13, 2026, and testing was performed from Aug. 21, 2026 to Sep. 17, 2026. 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 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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test	5
1.2 Modification of EUT	6
1.3 Type of EUT	6
1.4 Testing Applied Standards	6
1.5 Testing Location Information	7
1.6 Measurement Uncertainty	7
2 Test Configuration of EUT	8
2.1 Test Mode.....	8
2.2 The Worst Case Measurement Configuration.....	8
2.3 Connection Diagram of Test System.....	9
2.4 Support Unit used in test configuration and system	9
3 Transmitter Test Result	10
3.1 AC Power-line Conducted Emissions	10
3.2 UWB bandwidth.....	11
3.3 Technical requirements for hand held UWB systems	15
3.4 Peak Power Measurement	18
3.5 Radiated Emissions.....	22
4 Test Equipment and Calibration Data	71
Appendix A. Conducted Emissions Test Results	



History of this test report

Report No.	Version	Description	Issue Date
FR672113L	01	Initial issue of report	Sep. 23, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.2	15.203	Antenna Requirement	PASS	15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	15.207
3.2	15.503	UWB Bandwidth	PASS	≥ 500MHz
3.3	15.519(a)(1)	Technical requirements for Hand Held UWB systems	PASS	15.519(a)(1)
3.4	15.519(e)	Peak Power Measurement	PASS	≤ 0 dBm/50MHz
3.5	15.519(c) /15.519(d)	Radiated Emissions	PASS	UWB Emissions: 15.519(c) GPS Emissions: 15.519(d) Digital Emissions: 15.209

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR/mmW, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, GNSS, NFC,WPT and UWB.
UWB Frequency Range	CH05: 6489.6 MHz CH09: 7987.2 MHz
Antenna Type subject to this standard	UWB: <ANT10>: Monopole Antenna <ANT11>: Slot Antenna <ANT13>: Slot Antenna
Sample 1	P+E-SIM
Sample 2	P+P-SIM

Antenna information		
CH05 6489.6 MHz / CH09 7987.2 MHz	Peak Gain (dBi)	<ANT10>: <CH09> : 3.0 dBi <ANT11>: <CH05> : -3.0 dBi <CH09> : -3.5 dBi <ANT13>: <CH09> : -1.0 dBi

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. All test items were performed with Sample 1.
3. The models XT2701-1, XT2701-2 are only for market differentiation, all the others are the same.

EUT Information List	
IMEI	Performed Test Item
353070500007832/353070500007840	Conducted Emission
351403930021135/351403930021143	Radiated Spurious Emission

Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola (Salcomp)	Model Name	MC-901
AC Adapter 1(EU)	Brand Name	Motorola (Salcomp)	Model Name	MC-902
AC Adapter 1(UK)	Brand Name	Motorola (Salcomp)	Model Name	MC-903
AC Adapter 1(AR)	Brand Name	Motorola (Salcomp)	Model Name	MC-906
AC Adapter 1(BR)	Brand Name	Motorola (Salcomp)	Model Name	MC-907
AC Adapter 1(CHILE)	Brand Name	Motorola (Salcomp)	Model Name	MC-909
AC Adapter 2(IN)	Brand Name	Motorola (Salcomp)	Model Name	MC-904
AC Adapter 2(IN Local)	Brand Name	Motorola (Salcomp)	Model Name	MC-904

AC Adapter 3(US)	Brand Name	Motorola (AOHAI)	Model Name	MC-901
AC Adapter 3(EU)	Brand Name	Motorola (AOHAI)	Model Name	MC-902
AC Adapter 3(UK)	Brand Name	Motorola (AOHAI)	Model Name	MC-903
AC Adapter 3(AR)	Brand Name	Motorola (AOHAI)	Model Name	MC-906
AC Adapter 3(BR)	Brand Name	Motorola (AOHAI)	Model Name	MC-907
AC Adapter 3(CHILE)	Brand Name	Motorola (AOHAI)	Model Name	MC-909
AC Adapter 4(IN)	Brand Name	Motorola (AOHAI)	Model Name	MC-904
AC Adapter 4(IN Local)	Brand Name	Motorola (XIH)	Model Name	MC-904
Battery	Brand Name	Motorola (ATL)	Model Name	TZ70
USB Cable 1	Brand Name	Motorola (Saibao)	Model Name	SC18D86731
USB Cable 2	Brand Name	Motorola (Luxshare)	Model Name	SC18E08103
USB Cable 3	Brand Name	Motorola (Saibao)	Model Name	SC18D71644
USB Cable 4	Brand Name	Motorola (Luxshare)	Model Name	SC18E08104
Protective case	Brand Name	Motorola (Techson)	Model Name	SS68F43462

1.2 Modification of EUT

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

1.3 Type of EUT

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

1.4 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 C63.10-2020 + Cor.1-2023
- ♦ 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. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333 TEL: +886-3-327-3456 FAX: +886-3-328-4978
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory

Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010 TEL: +886-3-327-0868 FAX: +886-3-327-0855

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW3786

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Conduction	CO05-HY	Brian Chen	23 ~ 26 °C 45 ~ 55 %	Aug. 21, 2026
Radiated	03CH20-HY	John Chuang, David Dai, Sam Chou	18.8 ~20.4 °C 64.5 ~70.5 %	Sep. 10, 2026 ~ Sep. 16, 2026

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
AC Conduction (150kHz ~ 30MHz)	3.7dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1000MHz)	6.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 6GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (6GHz ~ 18GHz)	5.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.2 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Mode

Test Configuration						
Mode	Antenna	Channel	preamble_cidx	rx_sts_mode	packet_length	QRCT Parameter SET
Mode 3	11	5	10	1	127	BPRF_3
Mode 15	11	9	27	1	127	HPRF_12
Mode 19	10	9	10	1	127	BPRF_3
Mode 27	13	9	10	1	127	BPRF_3

Based on the highest field strength of fundamental and spurious emissions, the worst-case modes 3, 15, 19 and 27 were recorded in this report.

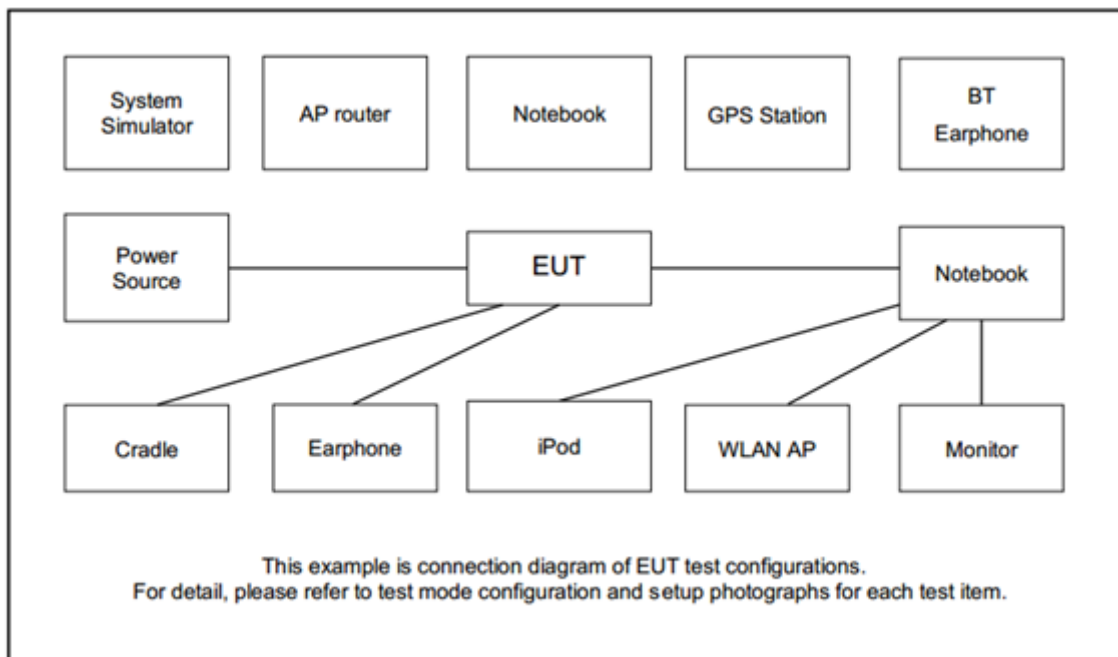
2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode
Remark: 1. Please refer to 15.207 which states, "Measurements to demonstrate compliance with the conducted limits are not required for devices employ Battery for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines". 2. For Conducted Emission Test Cases, the tests were performed with Adapter 1 and USB Cable 1.	

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	Adapter Mode		
Mode 1 configuration was tested and found to be the worst case and measured during the test.			
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Plane of all Test Modes	V		V
Remark:			

1. The measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and 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. For Radiated Test Cases, the tests were performed with Adapter and USB Cable.
3. During the preliminary test, both charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adaptor mode is the worst case for official test

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	Latitude3410	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

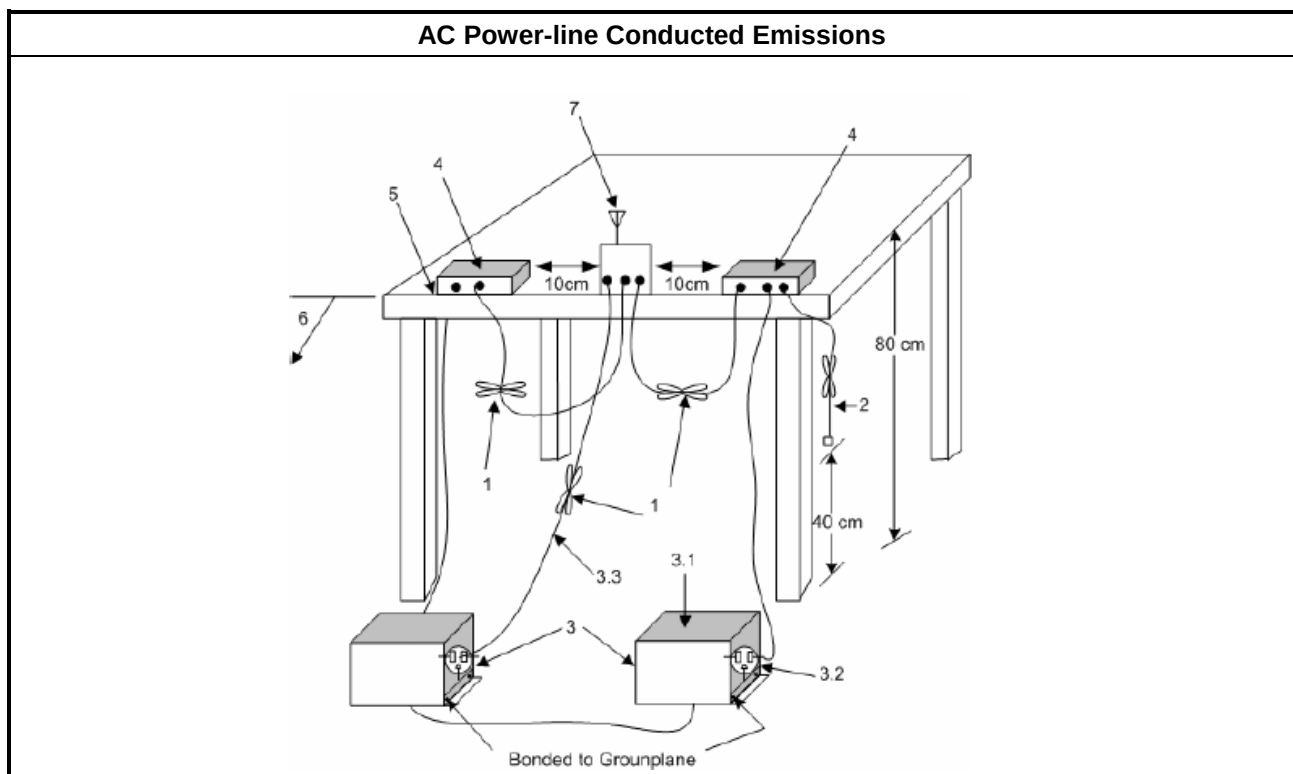
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result

Please refer to Appendix A.

3.2 UWB bandwidth

3.2.1 UWB bandwidth Limit

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

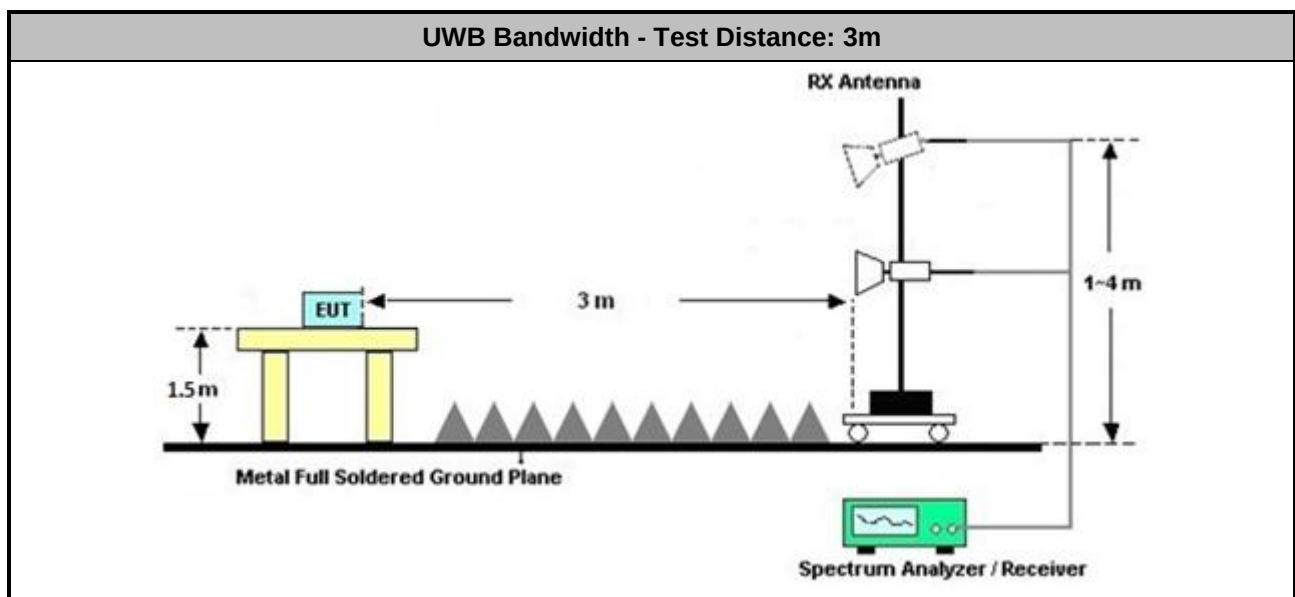
3.2.2 Measuring Instruments

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

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.

Test Setup



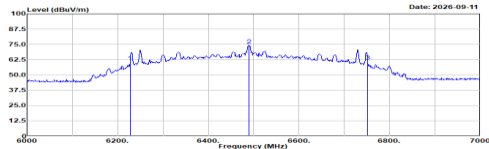
3.2.5 Test Result of UWB Bandwidth

Test mode	F _L (MHz)	F _H (MHz)	UWB Bandwidth (MHz)	Bandwidth limit (MHz)	Result	Pol [H/V]
3	6227	6752	525	≥ 500	Pass	H
15	7706	8266	560	≥ 500	Pass	V
19	7725	8249	524	≥ 500	Pass	V
27	7725	8250	525	≥ 500	Pass	V



UWB Bandwidth

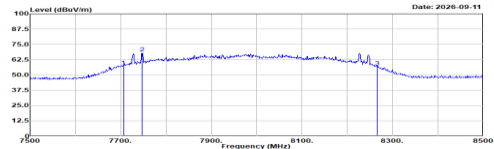
Mode 3



Site : 03CH20-HV
Condition : 3m HP_91280_02360_251105 Horizontal
Project : BU51000.000kHz VNU13000.000kHz Suf13.000sec
Detector : Peak
Channel : 00
Preamble_code : 10
Preamble_mode : 1
Packet_length : 127
Parameter_Set : BMP_3
Setting : 255

Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	dB	dB	dB	deg
1 6227.00	58.47	-----	51.43	44.11	12.09	37.76	0.00	--	--	Peak		
2 6400.00	74.35	-----	64.05	15.06	12.07	37.73	0.00	--	--	Peak		
3 6755.00	51.05	-----	46.70	35.00	11.27	37.82	0.00	--	--	Peak		

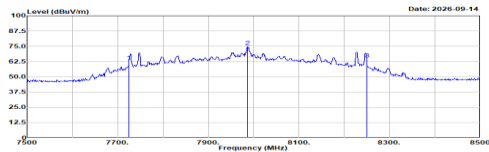
Mode 15



Site : 03CH20-HV
Condition : 3m HP_91280_02360_251105 Horizontal
Project : BU51000.000kHz VNU13000.000kHz Suf13.000sec
Detector : Peak
Channel : 00
Preamble_code : 27
Preamble_mode : 1
Packet_length : 127
Parameter_Set : BMP_12
Setting : 255

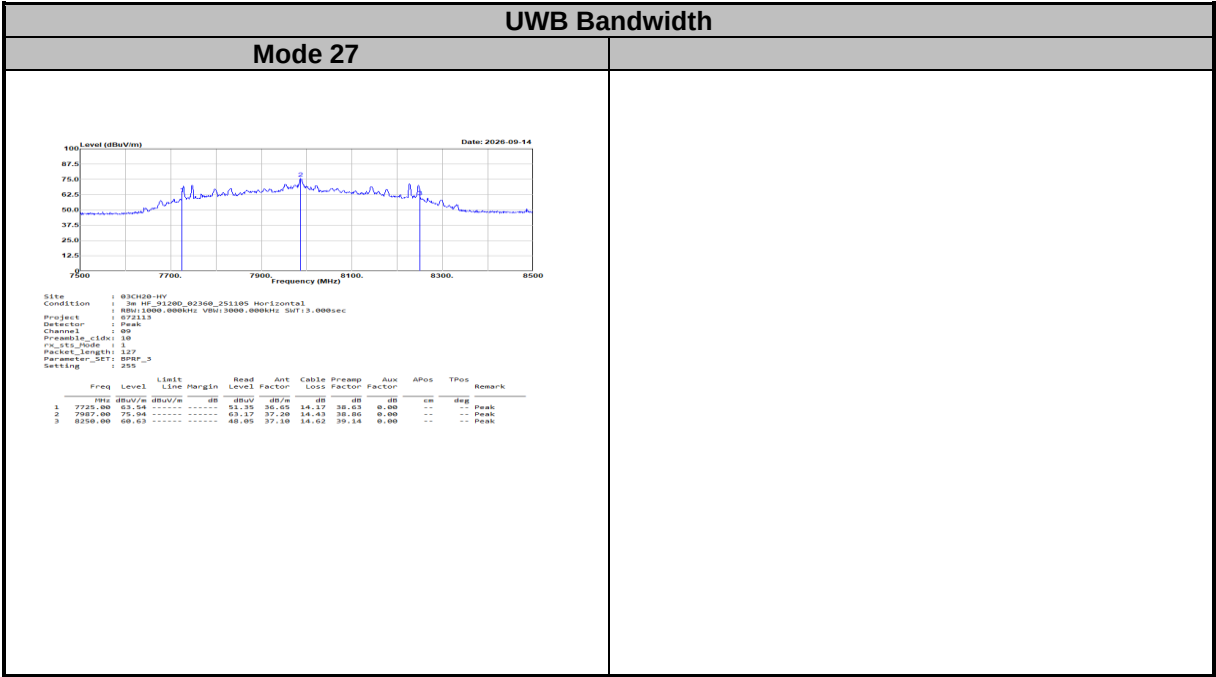
Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	dB	dB	dB	deg
1 7700.00	56.79	-----	44.64	36.61	14.10	38.62	0.00	--	--	Peak		
2 7742.00	67.88	-----	51.64	36.60	14.10	38.65	0.00	--	--	Peak		
3 8206.00	50.79	-----	44.15	37.10	14.63	39.15	0.00	--	--	Peak		

Mode 19



Site : 03CH20-HV
Condition : 3m HP_91280_02360_251105 Horizontal
Project : BU51000.000kHz VNU13000.000kHz Suf13.000sec
Detector : Peak
Channel : 00
Preamble_code : 10
Preamble_mode : 1
Packet_length : 127
Parameter_Set : BMP_3
Setting : 255

Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	dB	dB	dB	deg
1 7735.00	62.79	-----	50.54	36.68	14.17	38.63	0.00	--	--	Peak		
2 7907.00	74.83	-----	62.06	37.30	14.43	38.80	0.00	--	--	Peak		
3 8240.00	64.17	-----	51.90	37.10	14.62	39.13	0.00	--	--	Peak		



3.3 Technical requirements for hand held UWB systems

3.3.1 Technical Requirements for transmission Limit

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

3.3.2 Measuring Instruments

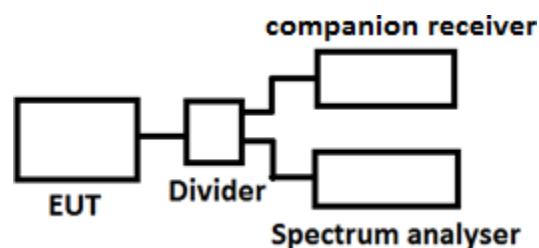
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedure

Follow the test step as below:

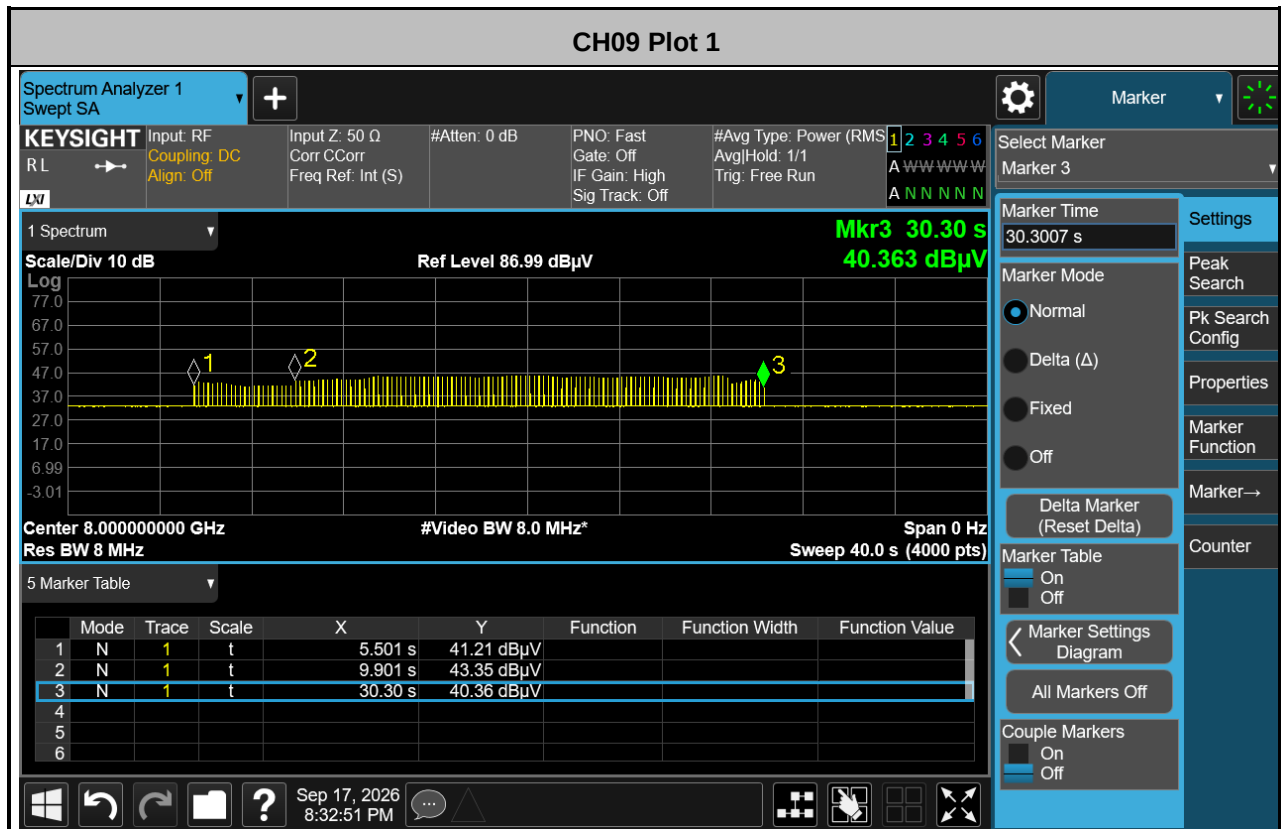
1. Turn on both EUT and companion receiver.
2. Set the EUT to TX mode, and EUT starts polling.
3. Set the companion receiver to associate EUT and EUT starts to transmit.
4. Disable the TX function of EUT.
5. Check if EUT stop transmitting once step 4 is made. (see plot 1 in clause 3.3.5)
6. Turn off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

3.3.4 Test Setup





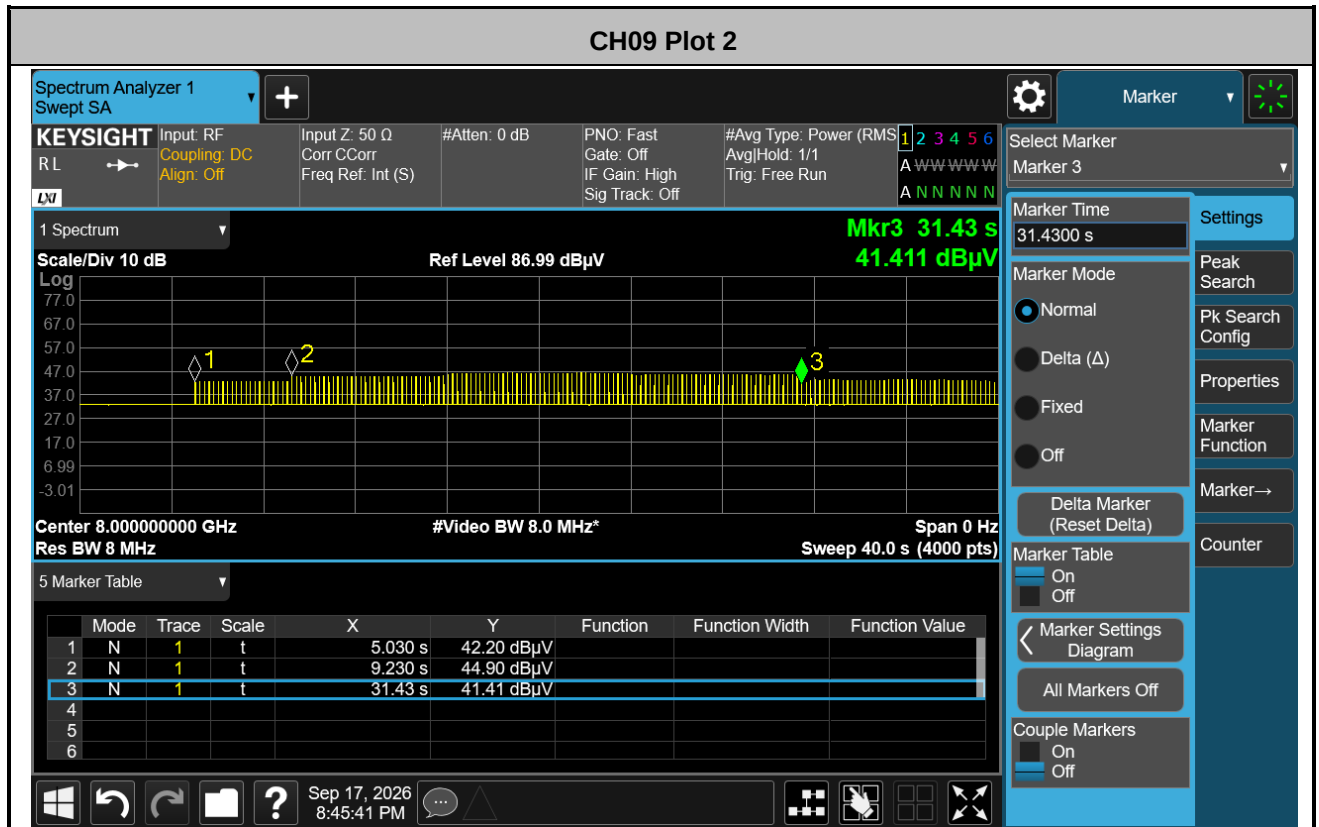
3.3.5 Test Result



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

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

M3: Disable the TX function of EUT.



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

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

M3: RX function of the companion receiver is disabled. EUT disassociates the companion receiver and stops transmitting, but continues polling.



Plot 3 is zoom in plot of M2 to M3 (transmitting and polling)

Plot 4 is zoom in plot of M3 (polling only)

3.4 Peak Power Measurement

3.4.1 Peak Power Measurement Limit

Peak Power Measurement Limit
$P_{eip} = 0 \text{ dBm/50MHz}$

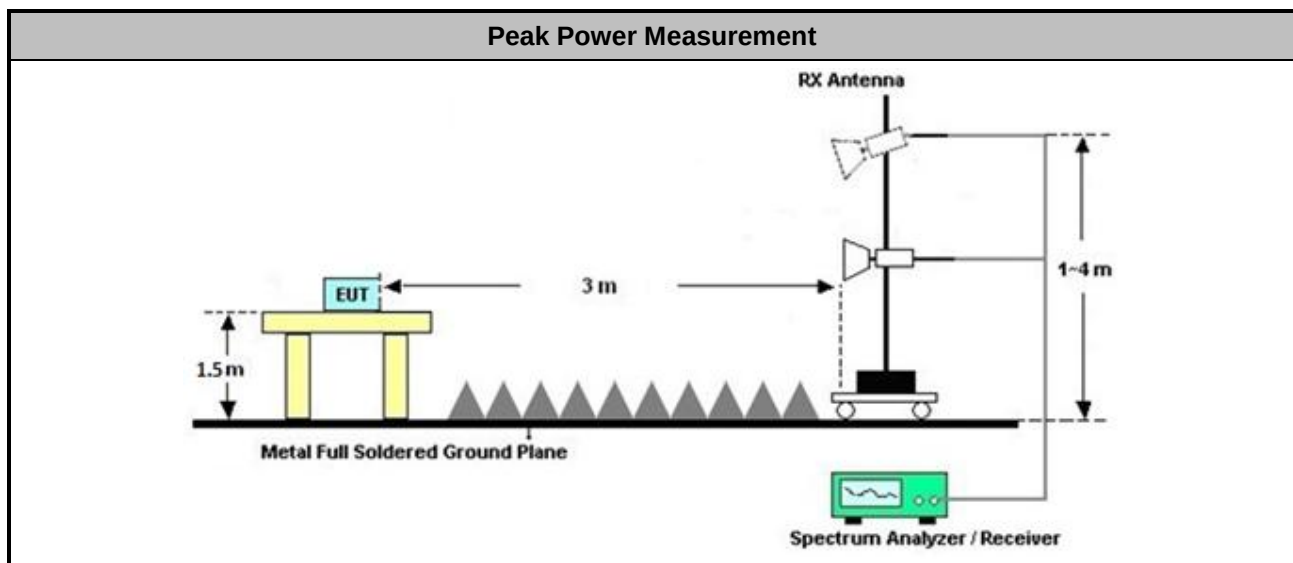
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
- Peak Power Measurement - Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing. - Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. - Refer as ANSI C63.10, clause 10.3.5 for peak detector procedure testing. - Refer as ANSI C63.10, clause 10.3.6 for bandwidth conversion of peak power. - Frequency of max peak power is pre-located: The span bandwidth is continuously reduced to find the worst frequency. Once the worst frequency is found, the setting of spectrum analyzer is set as below: - Central frequency: Worst frequency point - Span: Zero span - RBW: 50MHz - VBW: 80MHz - Detector: Peak detector - Trace: Max hold

3.4.4 Test Setup



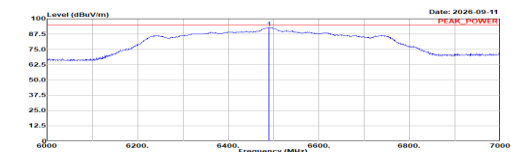
3.4.5 Test Result of Peak Power Measurement

Peak Measurement Result							
Test Mode	Freq. (MHz)	E-Field (dBuV/m)	ERIP _{50MHz} (dBm)	ERIP _{50MHz} Limit (dBm)	Margin (dB)	Result	Pol [H/V]
3	6489	92.7	-2.53	0	-2.53	Pass	H
15	7987	84.36	-10.87	0	-10.87	Pass	V
19	7989	93.4	-1.83	0	-1.83	Pass	V
27	7985	94.16	-1.07	0	-1.07	Pass	V
Note 1: EIRP [dBm] = E-Field [dBuV/m] - 95.23; Note 2: Measurement worst emissions of receive antenna polarization.							



Pre-located worst frequency Plots

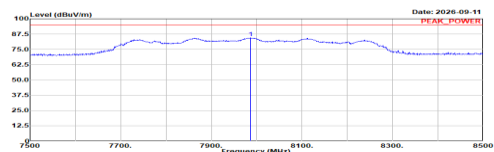
Mode 3



Site : 83CH20-HV
Condition : PEAK_POWER 3m HF_91280_82368_251185 Horizontal
Project : 872113
Detector : Peak
Channel : 89
Preamble_code : 18
Preamble_mode : 1
Packet_length : 127
Parameter_SET : 88P_3
Setting : 255

Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1 6480.00	92.78	95.23	-2.53	82.46	35.66	12.97	37.73	0.00	--	--	--	Peak

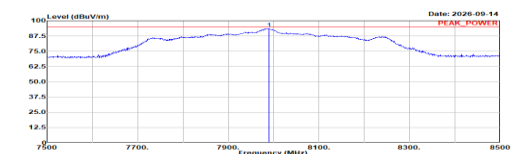
Mode 15



Site : 83CH20-HV
Condition : PEAK_POWER 3m HF_91280_82368_251185 Vertical
Project : 872113
Detector : Peak
Channel : 89
Preamble_code : 27
Preamble_mode : 1
Packet_length : 127
Parameter_SET : 88P_12
Setting : 255

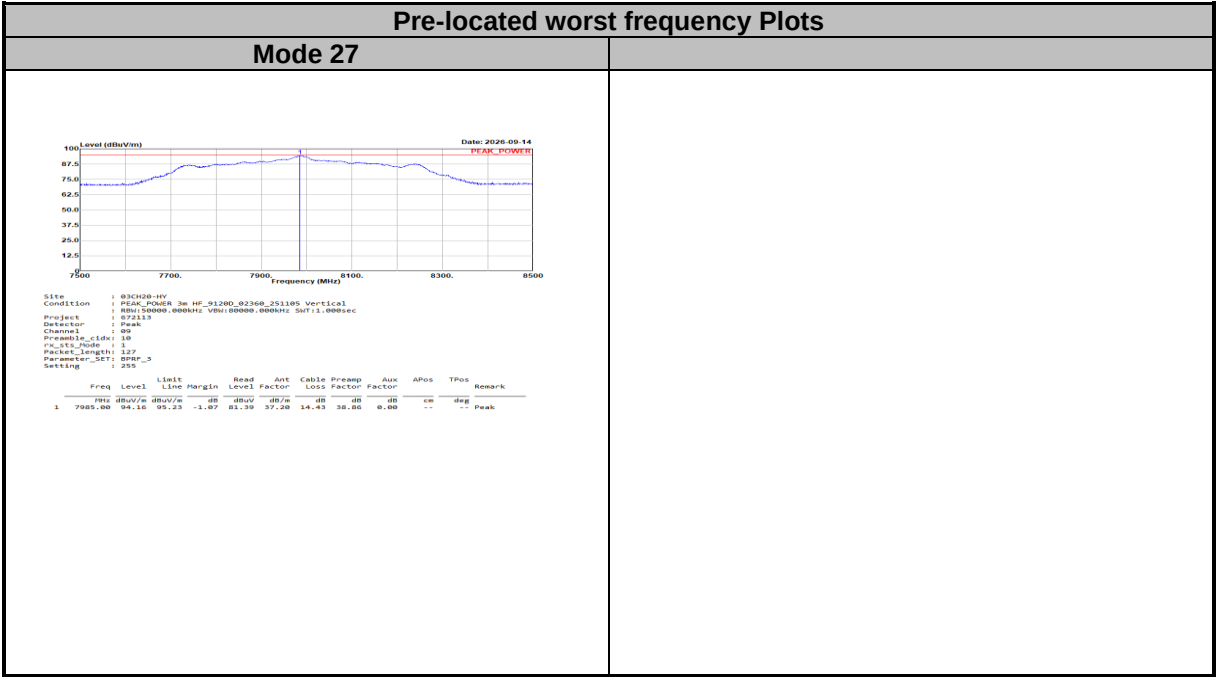
Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1 7987.00	84.36	95.23	-10.87	71.59	37.08	14.43	38.80	0.00	--	--	--	Peak

Mode 19



Site : 83CH20-HV
Condition : PEAK_POWER 3m HF_91280_82368_251185 Vertical
Project : 872113
Detector : Peak
Channel : 89
Preamble_code : 18
Preamble_mode : 1
Packet_length : 127
Parameter_SET : 88P_3
Setting : 255

Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Hz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1 7989.00	93.48	95.23	-1.83	80.62	37.20	14.44	38.80	0.00	--	--	--	Peak



3.5 Radiated Emissions

3.5.1 Radiated Emissions Limit

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

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

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

Radiated Emissions above 960MHz Limit	
Frequency Range (MHz)	EIRP (dBm), 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)

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method for Radiated Emissions above 960MHz	
■ Radiated Emissions above 960MHz	
■	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
■	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. In some cases, it may be necessary to measure the radiated UWB emissions at a closer distance to obtain enough signal and margin to overcome the measurement system noise floor. Distance extrapolation factor = $20 \log(\text{test distance [X m]}/\text{specific distance [3 m]})$ (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 $\geq$ 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.

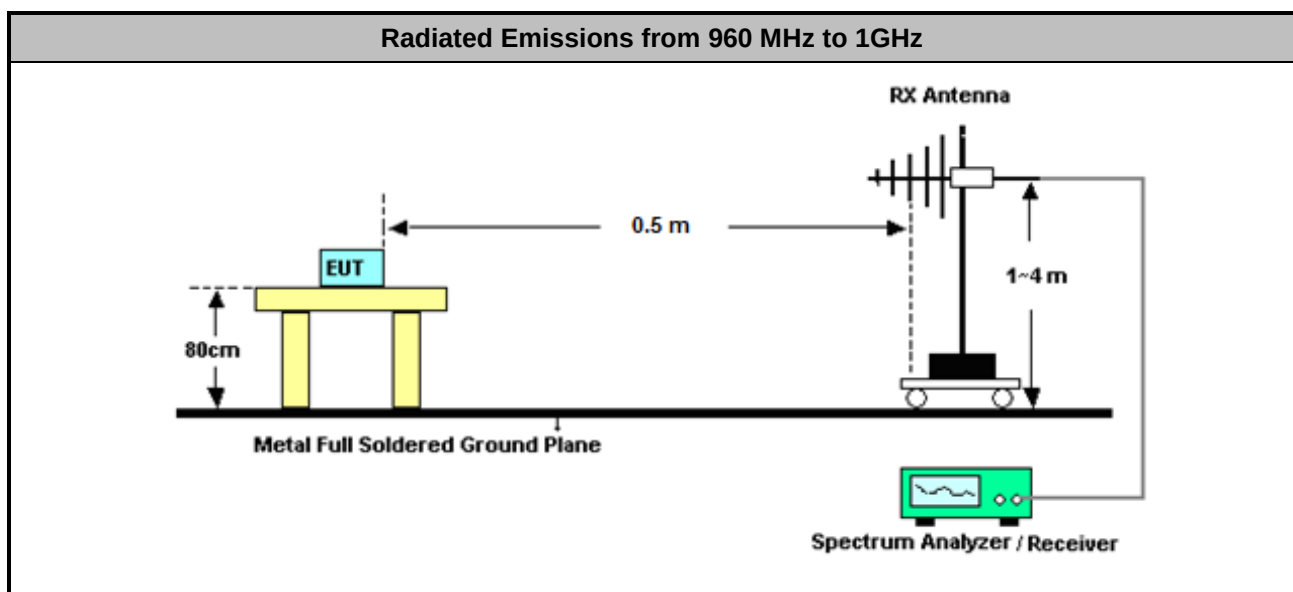
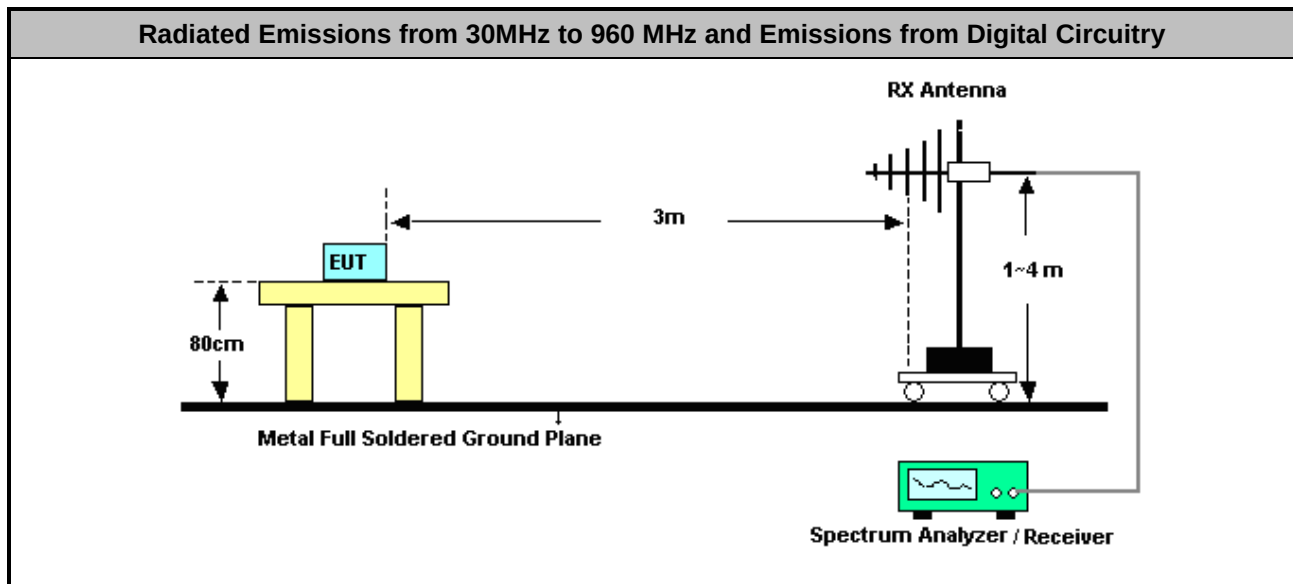
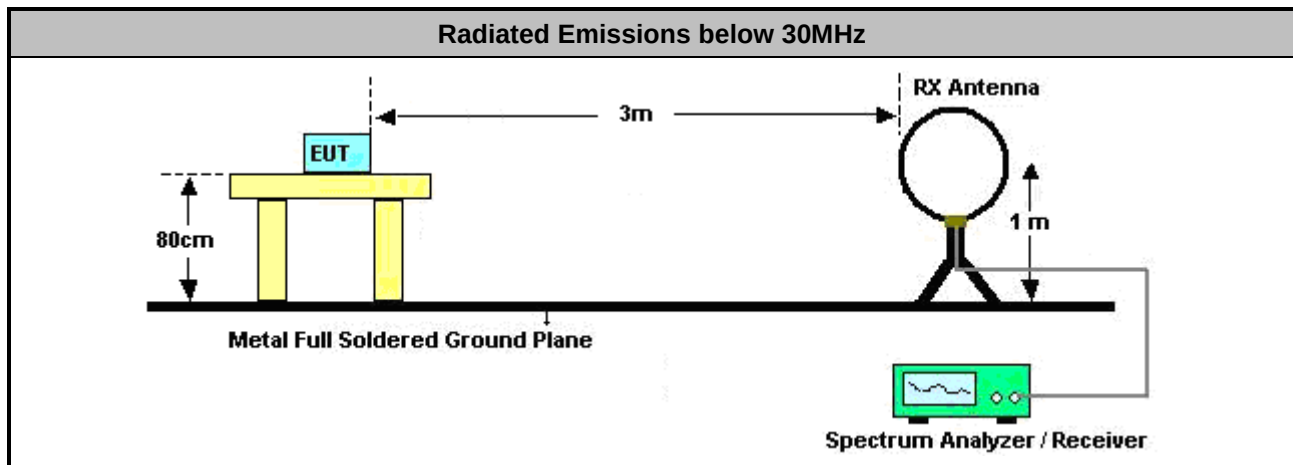
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry	
■ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing 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 4.1.5 Detector functions and selection of bandwidth
☐	Refer as ANSI C63.10, clause 4.1.5.2.4 average value of pulsed emissions. Adjusted by a "duty cycle correction factor", derived from $20 \log(\text{dwell time}/100 \text{ ms})$. Average emission = peak emission + 20 log (duty cycle).
■	Refer as ANSI C63.10, clause 4.1.5.2.2 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.



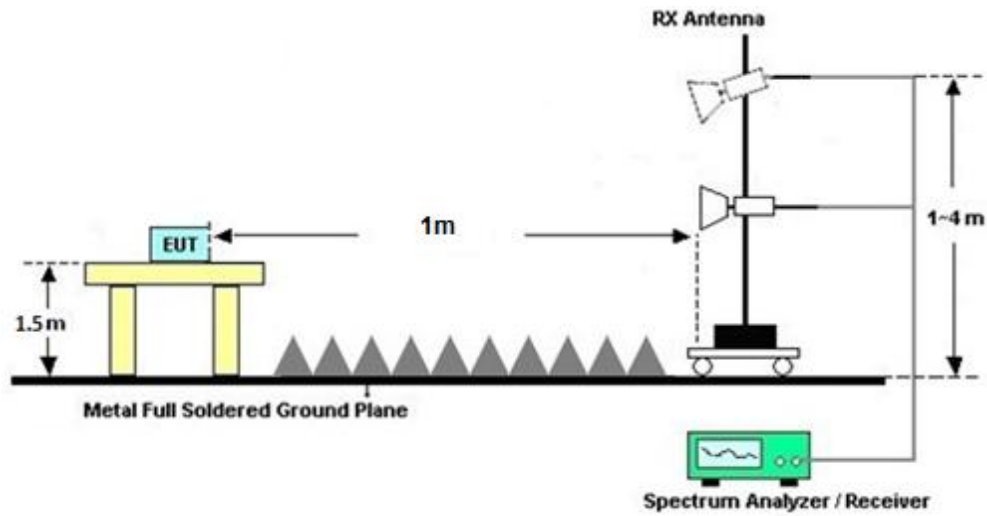
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry

- If the noise floor can't meet the limit, the test distance will be shorten and described in the report.
- Any unwanted emissions level shall not exceed the fundamental emission level.

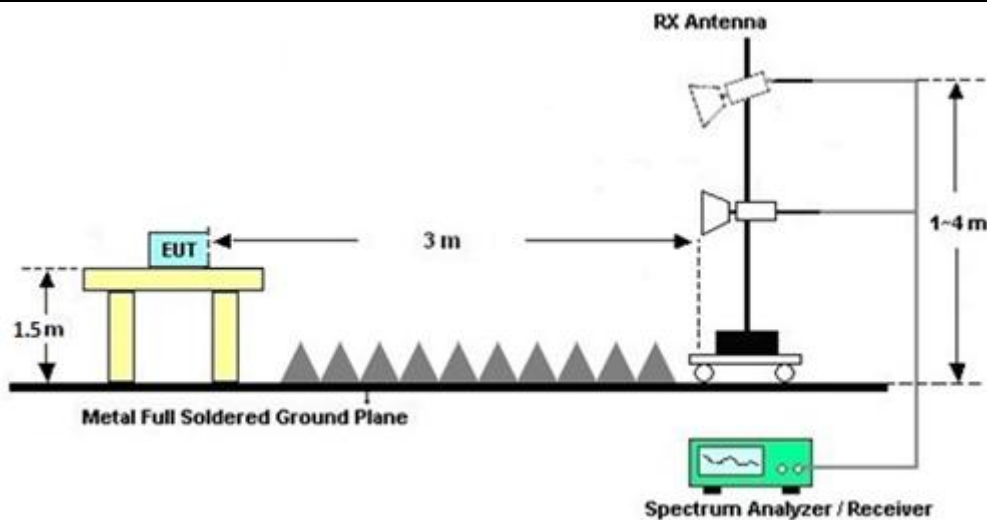
3.5.4 Test Setup

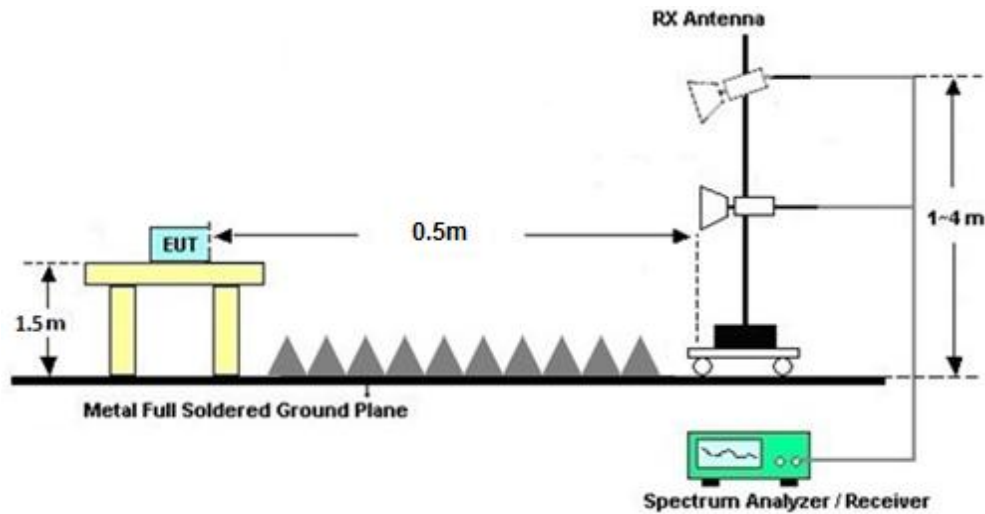
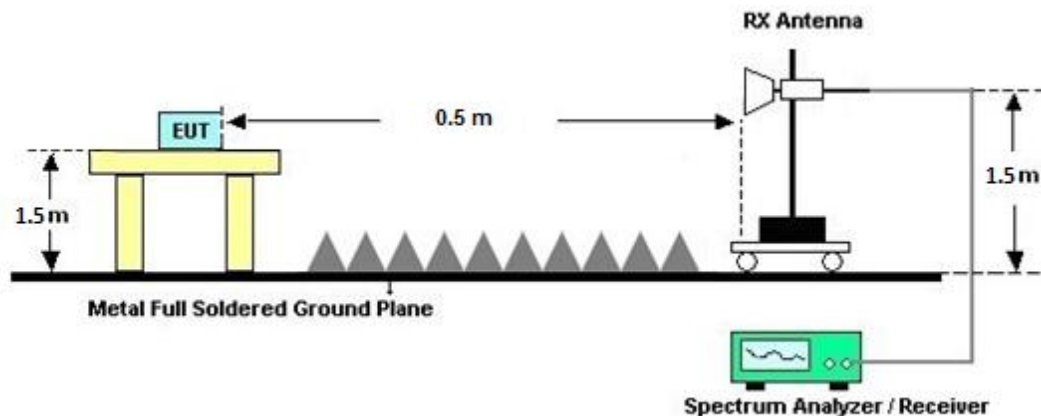


Radiated Emissions from 1GHz to 1.61 GHz



Radiated Emissions from 1.61 GHz to 10.60 GHz



Radiated Emissions from 10.60 GHz to 18GHz

Radiated Emissions above 18GHz


Note 1: Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna and the frequency range of 1 GHz to 40 GHz using a calibrated horn antenna.

Note 2: If test distance other than 3m is used, the used test distance will be recorded in test result.

3.5.5 Radiated Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.5.6 Average Power Spectral Density

Test mode	Frequency (MHz)	Emission Level (dBuV/m)	Emission Limit (dBm/MHz)	Emission Limit (dBuV/m)	Margin (dB)	Result	Pol [H/V]
3	6491	51.2	-41.3	53.93	-2.73	Pass	H
15	7973	52.13	-41.3	53.93	-1.8	Pass	V
19	7975	51.95	-41.3	53.93	-1.98	Pass	V
27	7975	52.82	-41.3	53.93	-1.11	Pass	V



Radiated Emissions (Fundamental)

Operating Function

Polarization

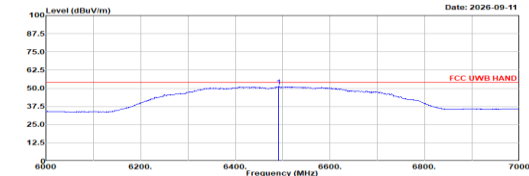
H

Test

Distance

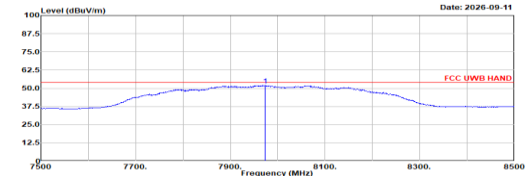
Mode 3

Mode 15



Site : 03CH20-HY
Condition : FCC UWB HAND 3m HF_91200_02360_251105 Horizontal
Project : 672113
Detector : Average
Channel : 05
Preamble_cid: 10
rx_sts_Node : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

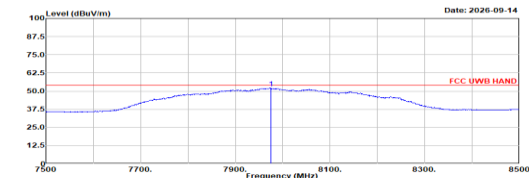
Limit	Read	Ant	Cable	Preamp	Aux	Apos	TPos	Remark
Freq	Level	Line	Level	Factor	Loss	Factor	Factor	
MHz	dBuV/m	dBuV/m	dB	dB/m	dB	dB	dB	cm deg
1	6491.00	51.20	53.93	-2.73	40.90	35.06	12.97	37.73 0.00 -- -- Average



Site : 03CH20-HY
Condition : FCC UWB HAND 3m HF_91200_02360_251105 Vertical
Project : 672113
Detector : Average
Channel : 09
Preamble_cid: 27
rx_sts_Node : 1
Packet_length: 127
Parameter_SET: BPRF_12
Setting : 255

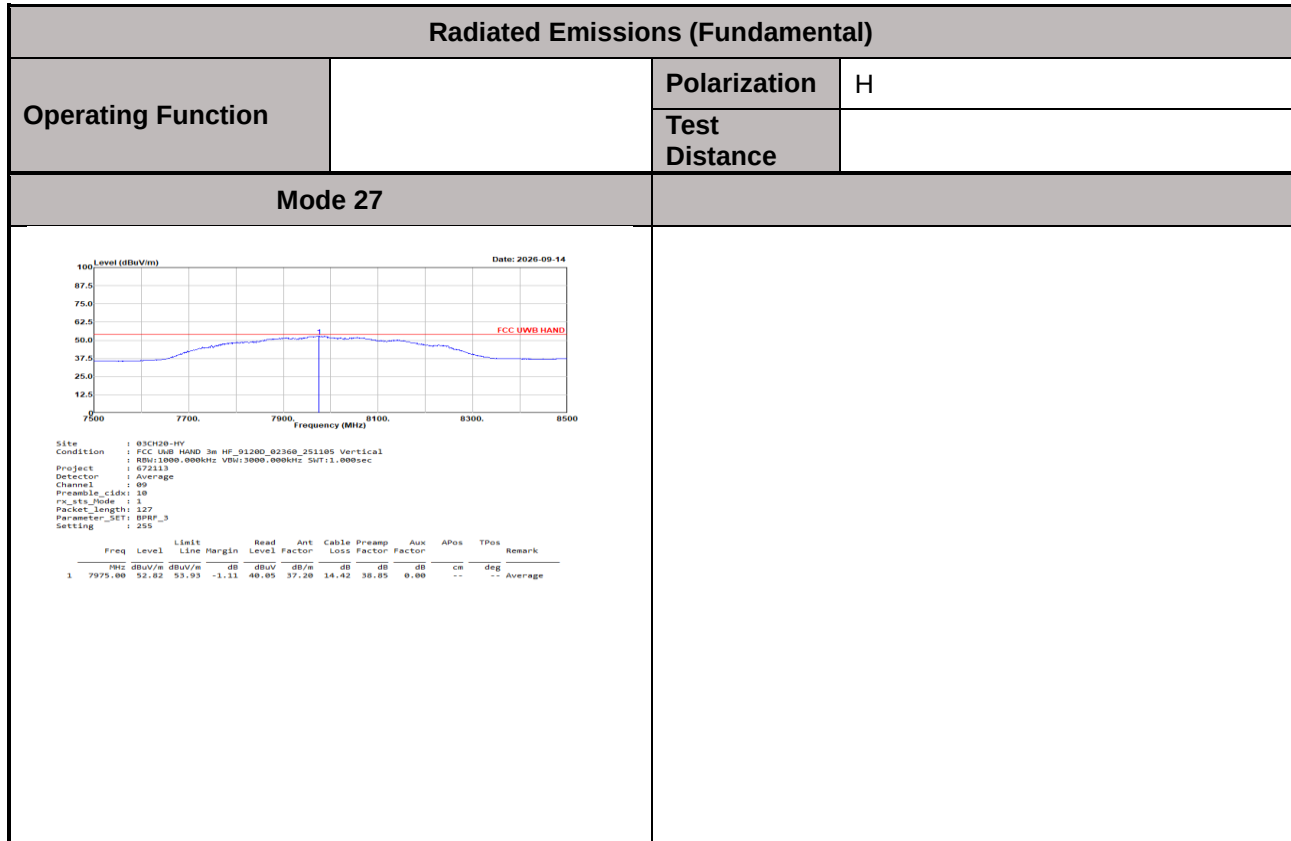
Limit	Read	Ant	Cable	Preamp	Aux	Apos	TPos	Remark
Freq	Level	Line	Level	Factor	Loss	Factor	Factor	
MHz	dBuV/m	dBuV/m	dB	dB/m	dB	dB	dB	cm deg
1	7973.00	52.13	53.93	-1.80	39.36	37.20	14.42	38.05 0.00 -- -- Average

Mode 19



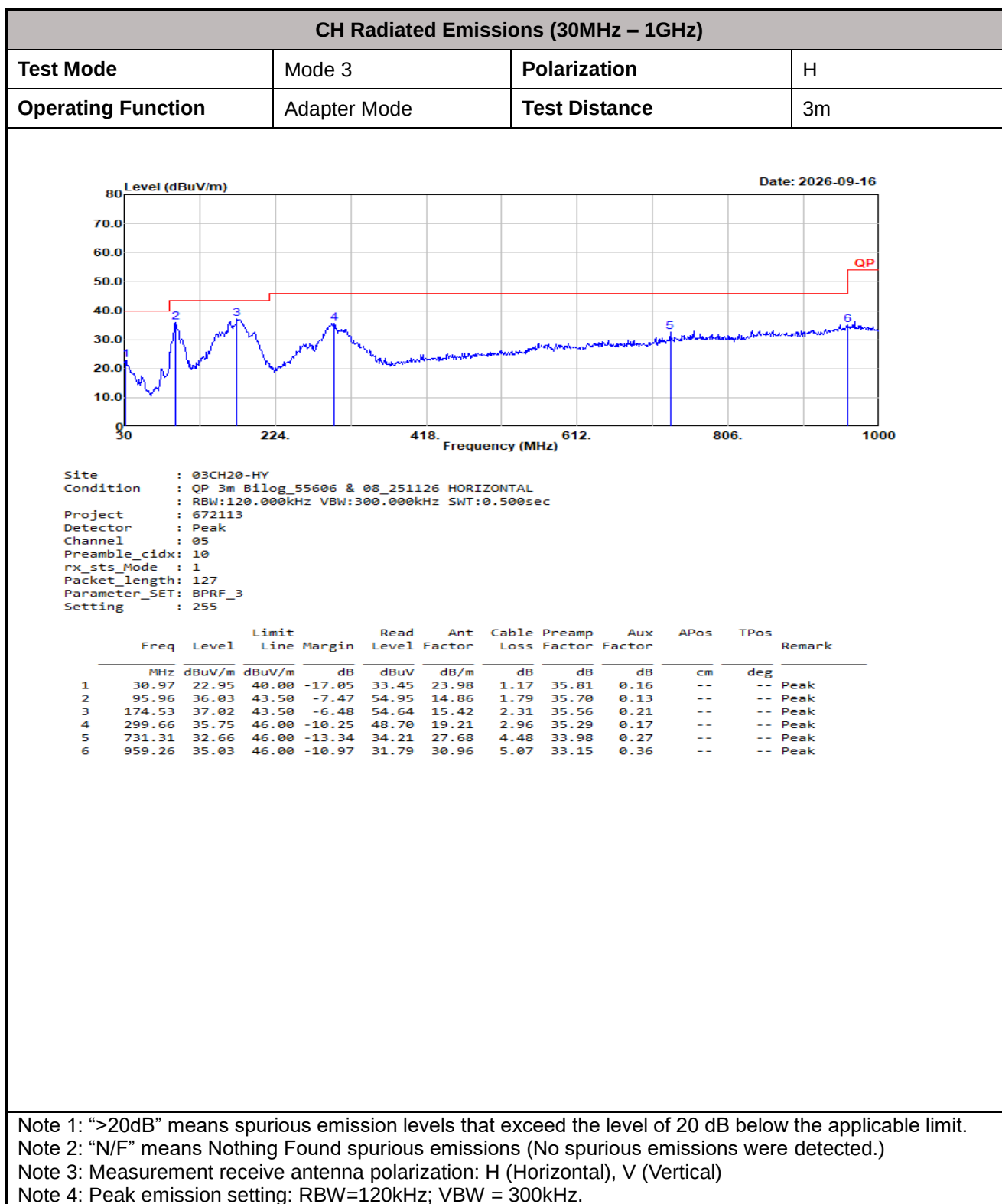
Site : 03CH20-HY
Condition : FCC UWB HAND 3m HF_91200_02360_251105 Vertical
Project : 672113
Detector : Average
Channel : 09
Preamble_cid: 10
rx_sts_Node : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

Limit	Read	Ant	Cable	Preamp	Aux	Apos	TPos	Remark
Freq	Level	Line	Level	Factor	Loss	Factor	Factor	
MHz	dBuV/m	dBuV/m	dB	dB/m	dB	dB	dB	cm deg
1	7975.00	51.95	53.93	-1.98	39.18	37.20	14.42	38.05 0.00 -- -- Average





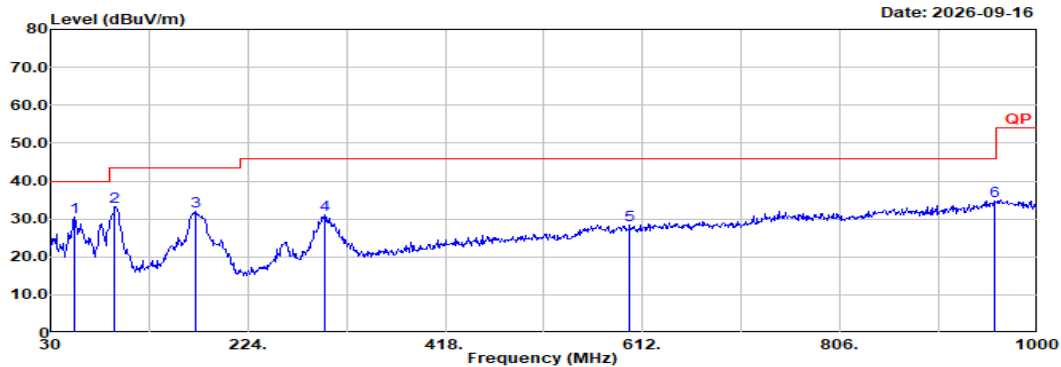
3.5.7 Radiated Emissions (30MHz – 1GHz)





CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 3	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 VERTICAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 05
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	53.28	30.47	40.00	-9.53	51.34	13.31	1.40	35.76	0.18	--	--	Peak
2	93.05	33.35	43.50	-10.15	52.89	14.28	1.76	35.71	0.13	--	--	Peak
3	172.59	32.08	43.50	-11.42	49.62	15.52	2.30	35.57	0.21	--	--	Peak
4	299.66	31.24	46.00	-14.76	44.19	19.21	2.96	35.29	0.17	--	--	Peak
5	599.39	28.38	46.00	-17.62	32.63	25.88	4.10	34.46	0.23	--	--	Peak
6	958.29	34.80	46.00	-11.20	31.64	30.89	5.06	33.15	0.36	--	--	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.)

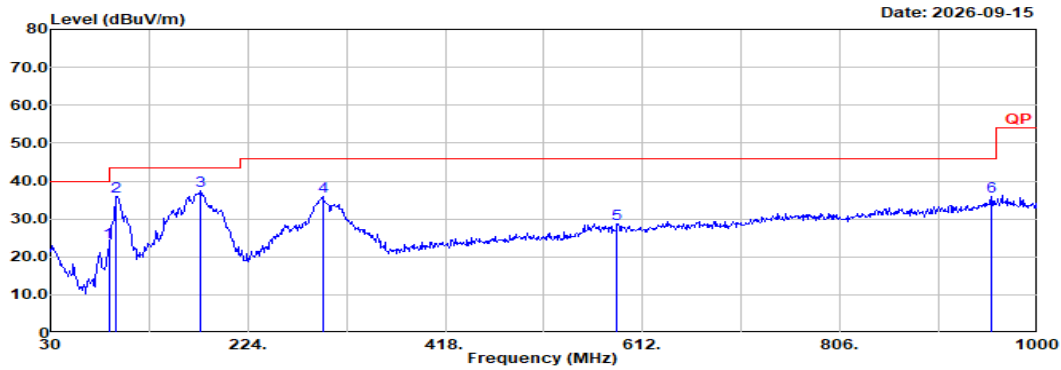
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 15	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 HORIZONTAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	87.23	23.90	40.00	-16.10	44.22	13.54	1.72	35.73	0.15	--	--	Peak
2	94.99	35.98	43.50	-7.52	55.13	14.64	1.78	35.70	0.13	--	--	Peak
3	177.44	37.34	43.50	-6.16	55.05	15.31	2.33	35.56	0.21	--	--	Peak
4	297.72	35.82	46.00	-10.18	48.77	19.23	2.95	35.30	0.17	--	--	Peak
5	586.78	28.72	46.00	-17.28	32.84	26.11	4.05	34.50	0.22	--	--	Peak
6	954.41	35.97	46.00	-10.03	32.89	30.83	5.05	33.16	0.36	--	--	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.)

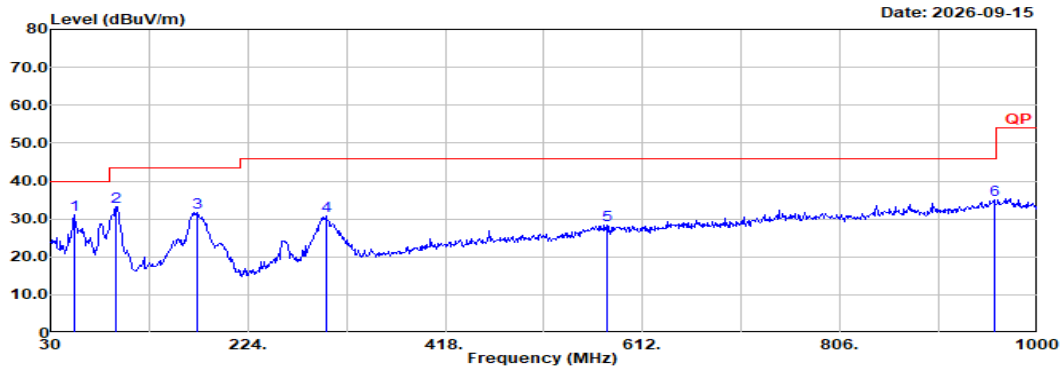
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 15	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 VERTICAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	53.28	31.12	40.00	-8.88	51.99	13.31	1.40	35.76	0.18	--	--	Peak
2	94.99	33.17	43.50	-10.33	52.32	14.64	1.78	35.70	0.13	--	--	Peak
3	173.56	31.74	43.50	-11.76	49.34	15.46	2.30	35.57	0.21	--	--	Peak
4	300.63	30.68	46.00	-15.32	43.61	19.23	2.96	35.29	0.17	--	--	Peak
5	577.08	28.44	46.00	-17.56	32.67	26.06	4.01	34.52	0.22	--	--	Peak
6	957.32	35.12	46.00	-10.88	31.98	30.87	5.06	33.15	0.36	--	--	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.)

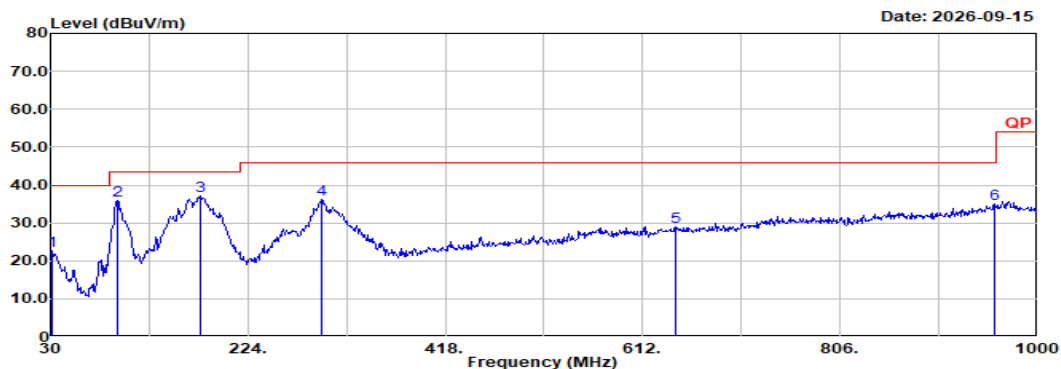
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 19	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 HORIZONTAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	30.97	22.58	40.00	-17.42	33.08	23.98	1.17	35.81	0.16	--	--	Peak
2	95.96	36.01	43.50	-7.49	54.93	14.86	1.79	35.70	0.13	--	--	Peak
3	177.44	37.18	43.50	-6.32	54.89	15.31	2.33	35.56	0.21	--	--	Peak
4	296.75	36.10	46.00	-9.90	49.06	19.22	2.95	35.30	0.17	--	--	Peak
5	644.01	29.09	46.00	-16.91	32.42	26.49	4.22	34.29	0.25	--	--	Peak
6	957.32	35.03	46.00	-10.97	31.89	30.87	5.06	33.15	0.36	--	--	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.)

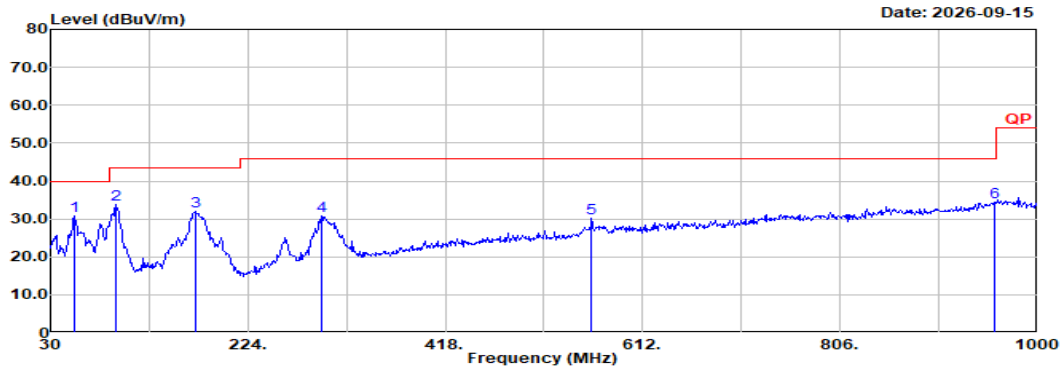
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 19	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 VERTICAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	54.25	30.69	40.00	-9.31	51.78	13.08	1.41	35.76	0.18	--	--	--	Peak
2	94.02	33.85	43.50	-9.65	53.20	14.45	1.77	35.70	0.13	--	--	--	Peak
3	172.59	31.96	43.50	-11.54	49.50	15.52	2.30	35.57	0.21	--	--	--	Peak
4	295.78	30.79	46.00	-15.21	43.76	19.22	2.94	35.30	0.17	--	--	--	Peak
5	561.56	30.28	46.00	-15.72	34.41	26.28	3.95	34.57	0.21	--	--	--	Peak
6	957.32	34.39	46.00	-11.61	31.25	30.87	5.06	33.15	0.36	--	--	--	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.)

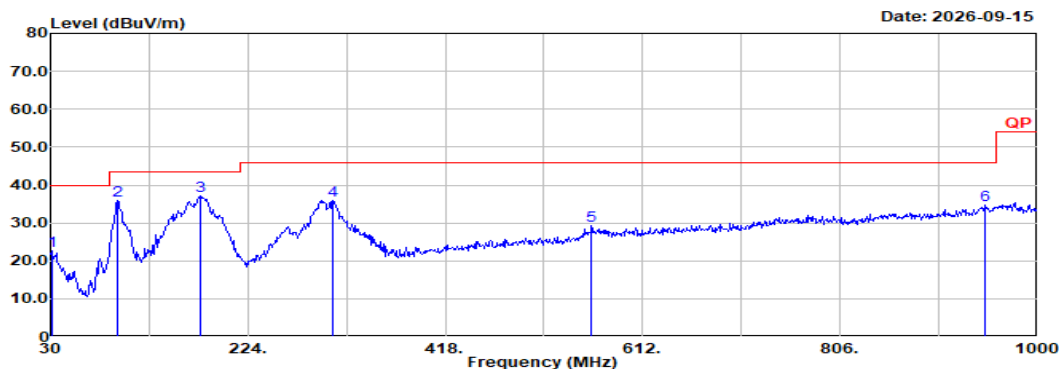
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 27	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 HORIZONTAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	30.97	22.79	40.00	-17.21	33.29	23.98	1.17	35.81	0.16	--	--	Peak
2	95.96	35.78	43.50	-7.72	54.70	14.86	1.79	35.70	0.13	--	--	Peak
3	177.44	37.16	43.50	-6.34	54.87	15.31	2.33	35.56	0.21	--	--	Peak
4	307.42	35.87	46.00	-10.13	48.68	19.30	2.99	35.27	0.17	--	--	Peak
5	561.56	29.29	46.00	-16.71	33.42	26.28	3.95	34.57	0.21	--	--	Peak
6	947.62	34.57	46.00	-11.43	31.93	30.44	5.04	33.19	0.35	--	--	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.)

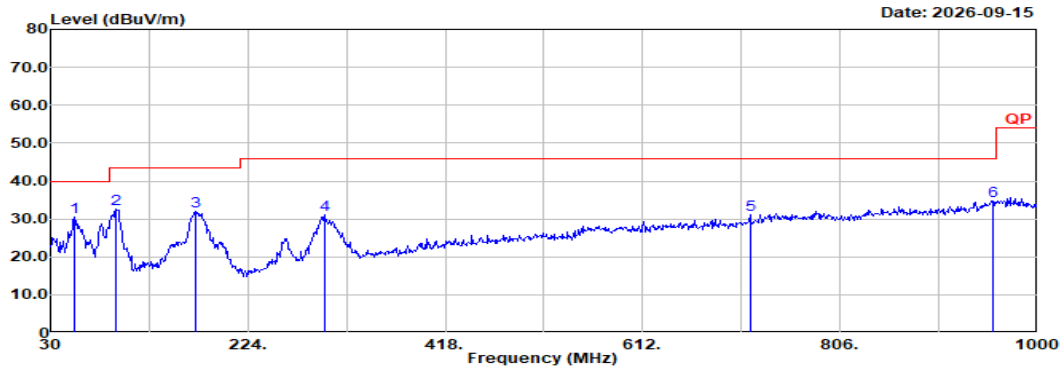
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 27	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m Bilog_55606 & 08_251126 VERTICAL
RBW:120.000kHz VBW:300.000kHz SWT:0.500sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	53.28	30.40	40.00	-9.60	51.27	13.31	1.40	35.76	0.18	--	--	Peak
2	94.99	32.62	43.50	-10.88	51.77	14.64	1.78	35.70	0.13	--	--	Peak
3	172.59	31.89	43.50	-11.61	49.43	15.52	2.30	35.57	0.21	--	--	Peak
4	299.66	31.14	46.00	-14.86	44.09	19.21	2.96	35.29	0.17	--	--	Peak
5	717.73	30.95	46.00	-15.05	33.32	26.97	4.44	34.03	0.25	--	--	Peak
6	956.35	34.84	46.00	-11.16	31.70	30.88	5.06	33.16	0.36	--	--	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

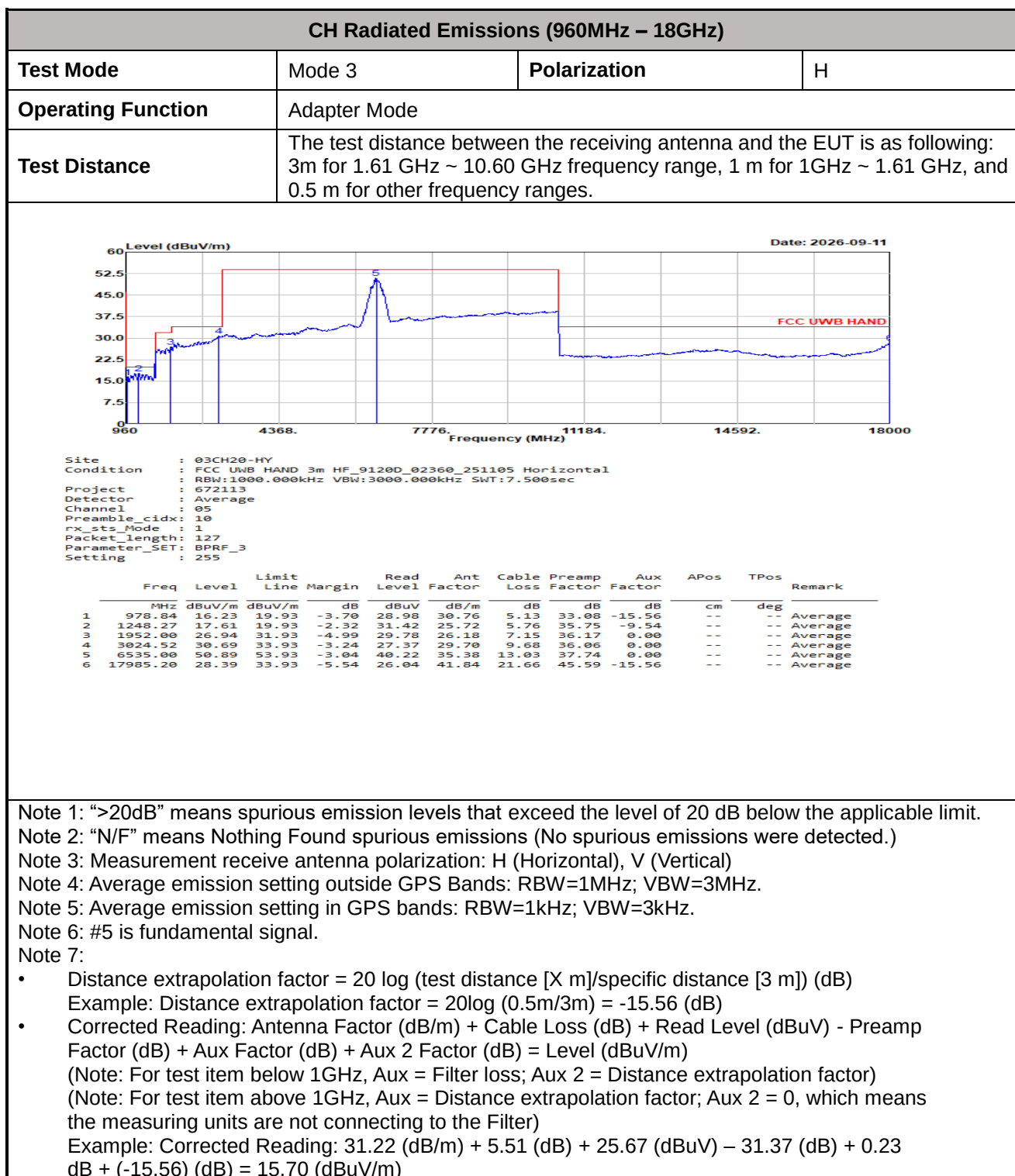
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



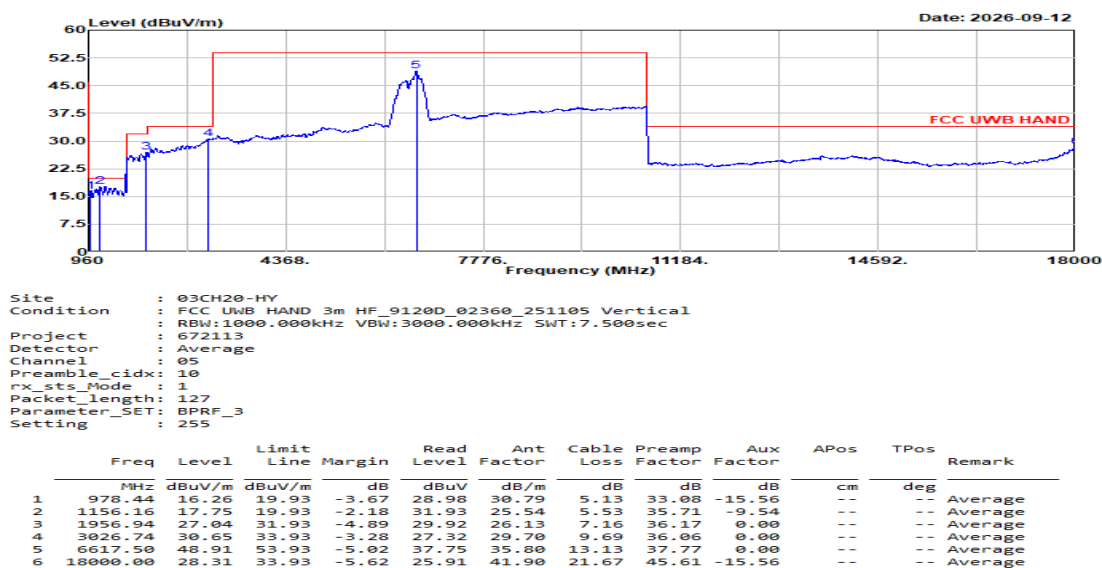
3.5.8 Radiated Emissions (960MHz – 18GHz)





CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 3	Polarization	V
Operating Function	Adapter 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.		



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.

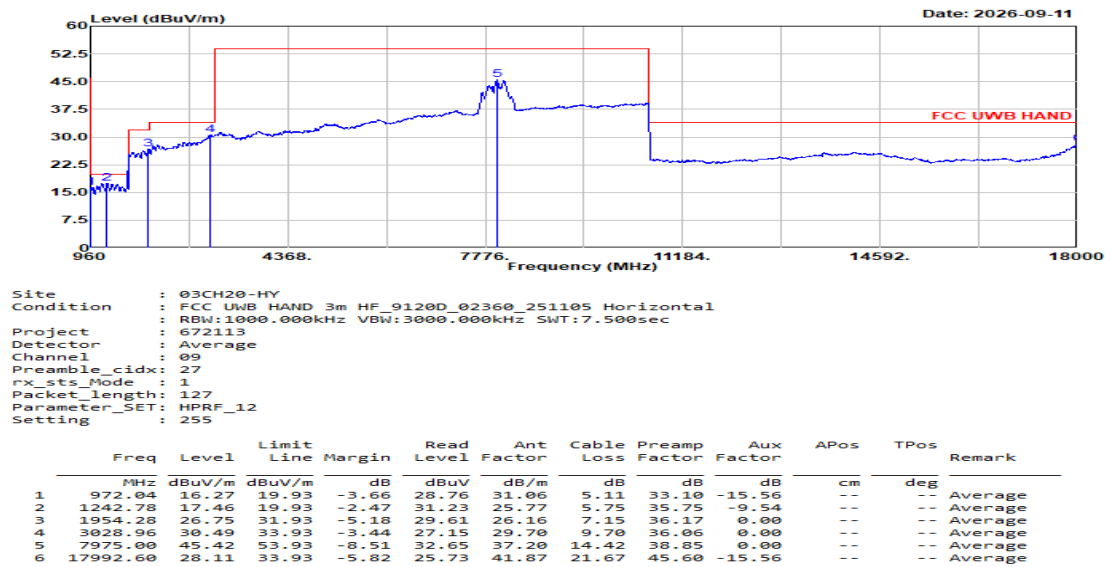
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 15	Polarization	H
Operating Function	Adapter 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.		



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.

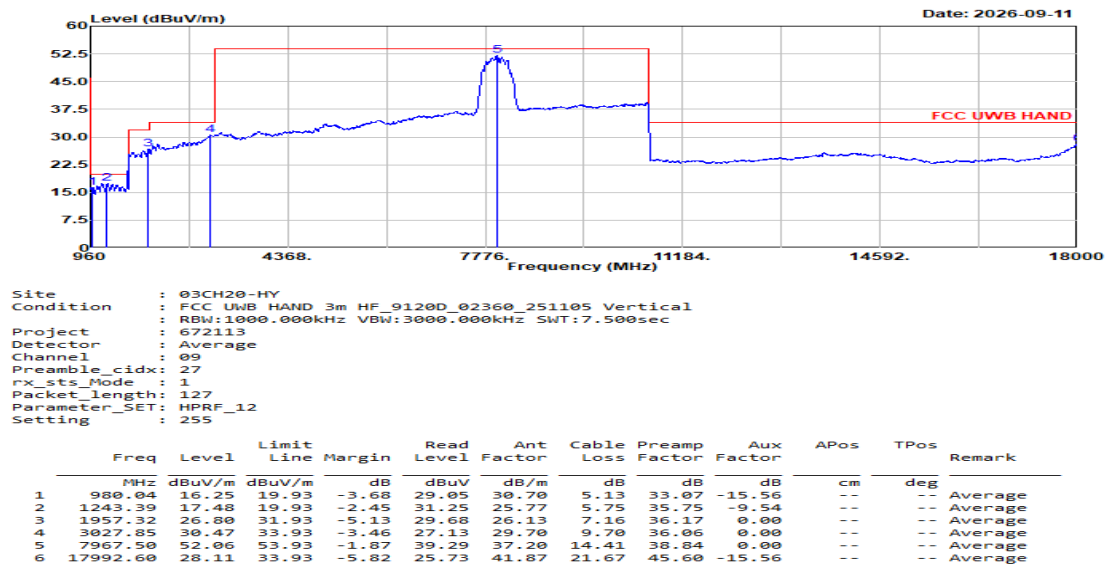
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 15	Polarization	V
Operating Function	Adapter 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.		



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.

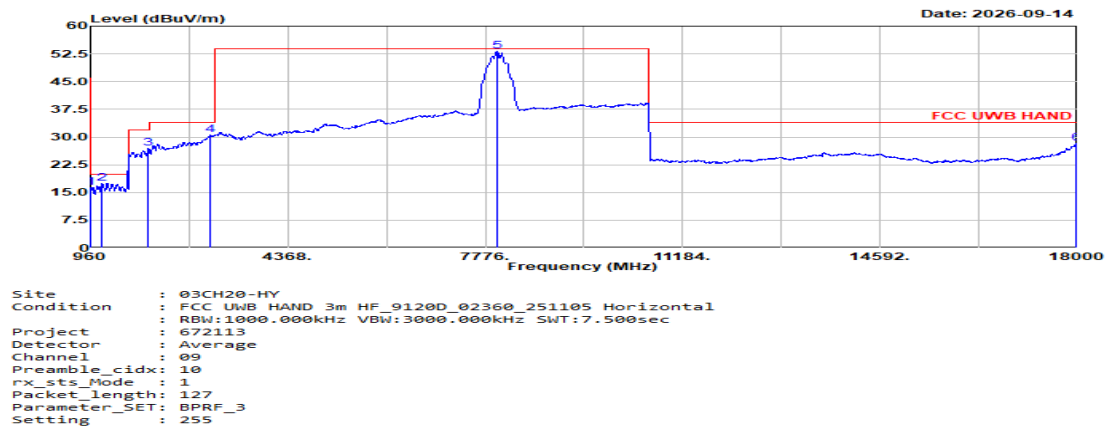
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 19	Polarization	H
Operating Function	Adapter 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.		



	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	967.60	16.29	19.93	-3.64	28.67	31.21	5.09	33.12	-15.56	--	--	Average
2	1163.48	17.50	19.93	-2.43	31.70	25.50	5.55	35.71	-9.54	--	--	Average
3	1956.18	26.89	31.93	-5.04	29.76	26.14	7.16	36.17	0.00	--	--	Average
4	3028.96	30.46	33.93	-3.47	27.12	29.70	9.70	36.06	0.00	--	--	Average
5	7790.00	53.16	53.93	-0.77	40.38	37.20	14.44	38.86	0.00	--	--	Average
6	17985.20	28.20	33.93	-5.73	25.85	41.84	21.66	45.59	-15.56	--	--	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.

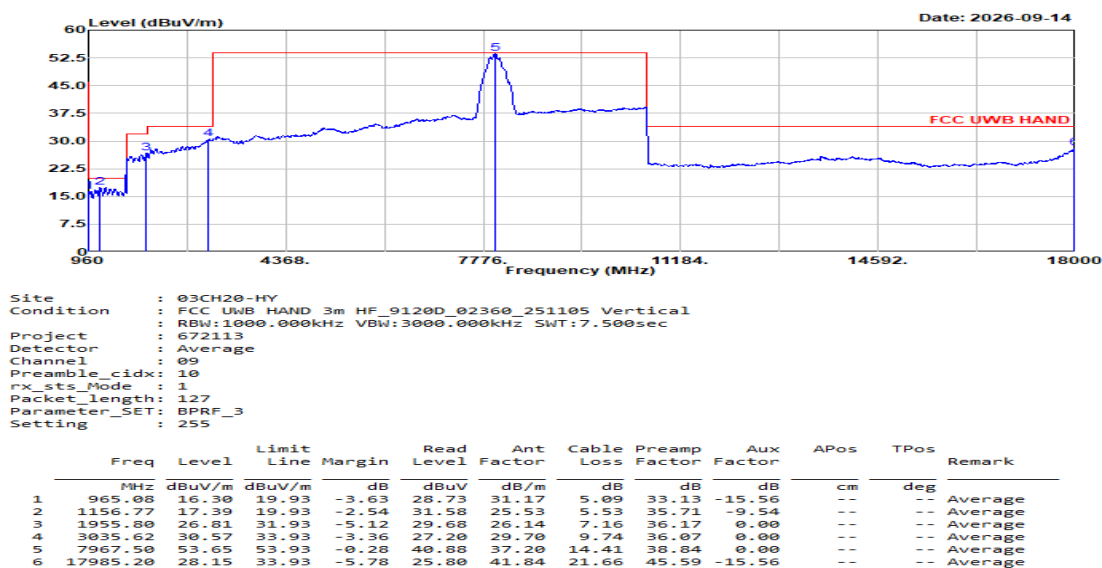
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 19	Polarization	V
Operating Function	Adapter 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.		



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.

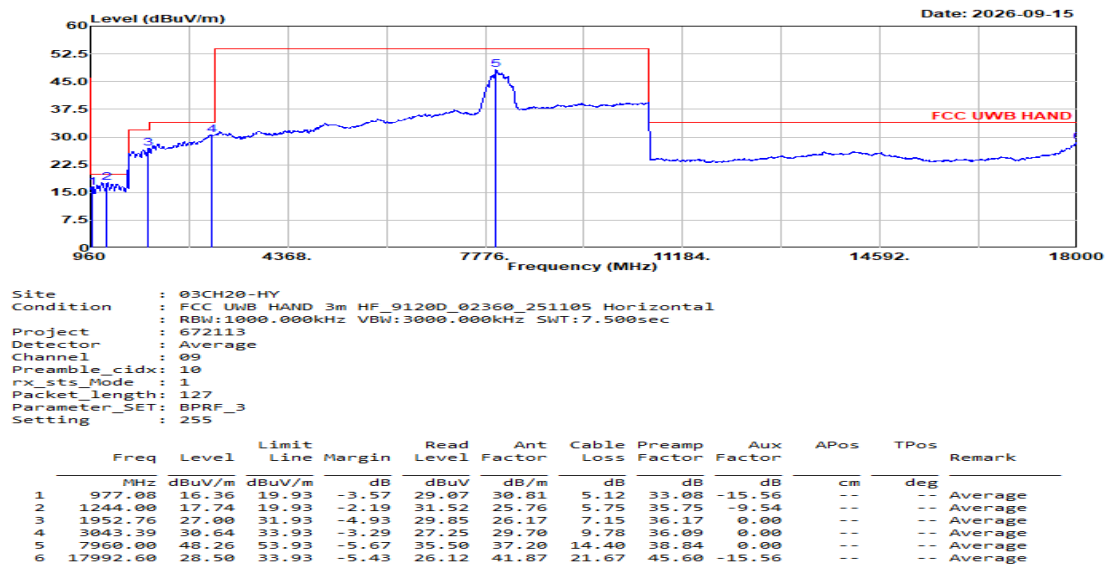
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 27	Polarization	H
Operating Function	Adapter 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.		



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.

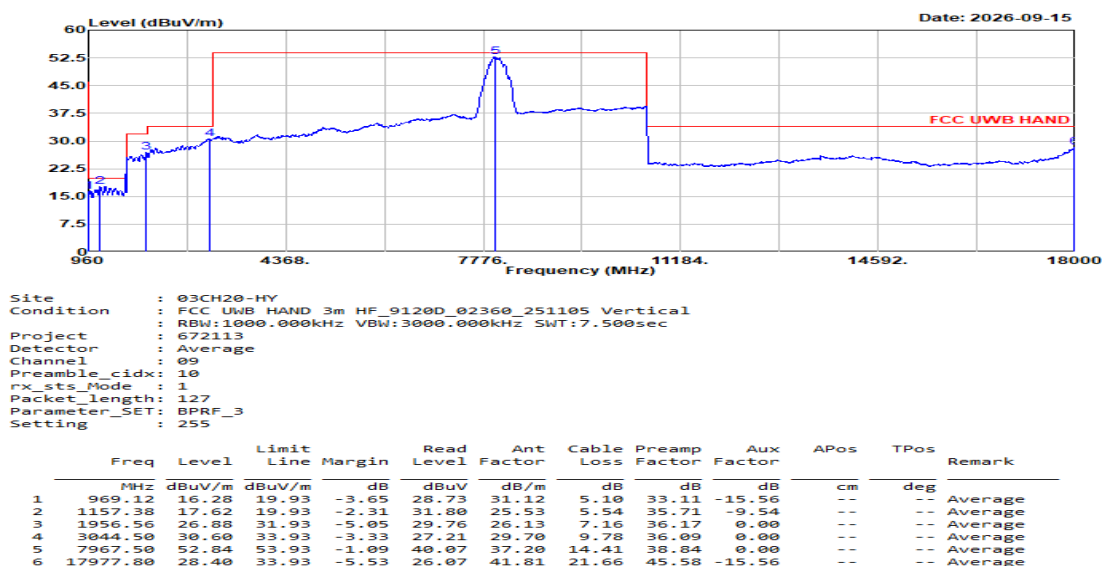
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



CH Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 27	Polarization	V
Operating Function	Adapter 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.		



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.

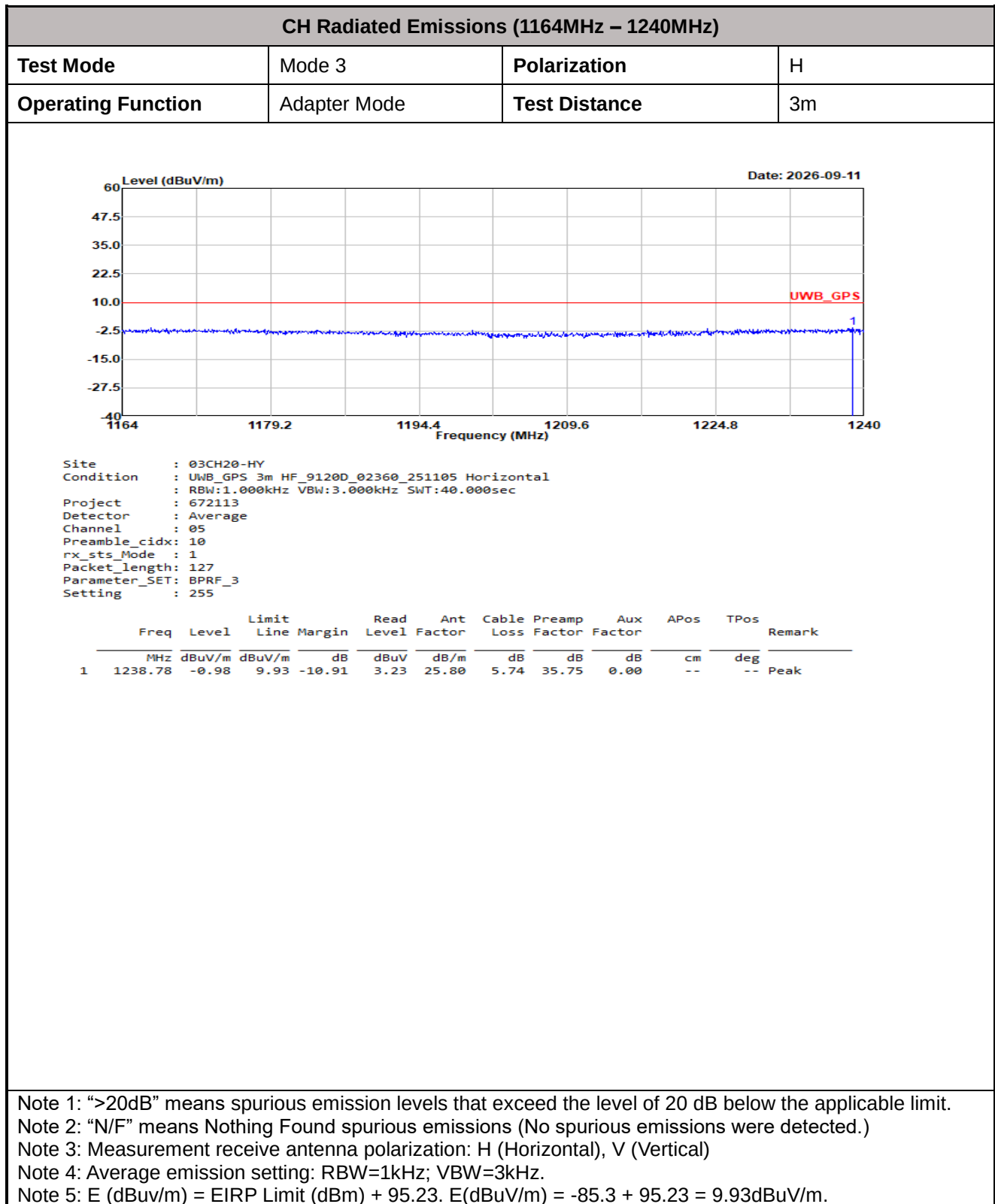
Note 6: #5 is fundamental signal.

Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) + Aux 2 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: 31.22 (dB/m) + 5.51 (dB) + 25.67 (dBuV) - 31.37 (dB) + 0.23 dB + (-15.56) (dB) = 15.70 (dBuV/m)



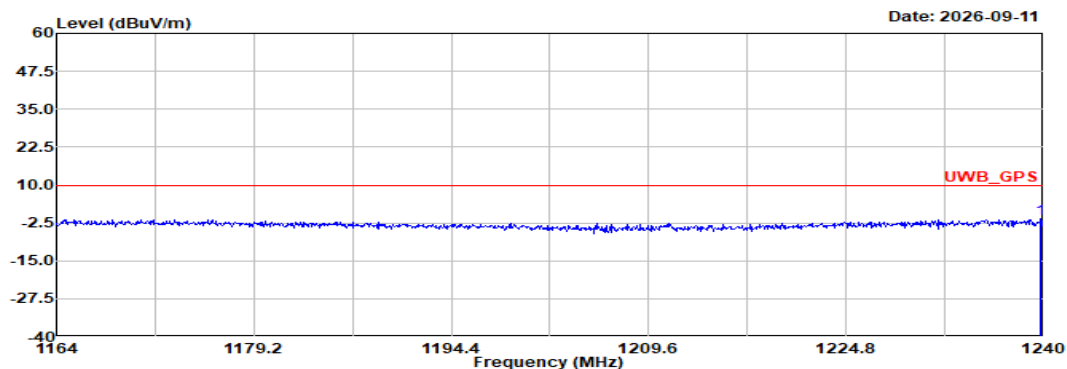
3.5.9 Radiated Emissions (1164MHz – 1240MHz)





CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 3	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 05
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1239.77	-1.14	9.93	-11.07	3.07	25.80	5.74	35.75	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)

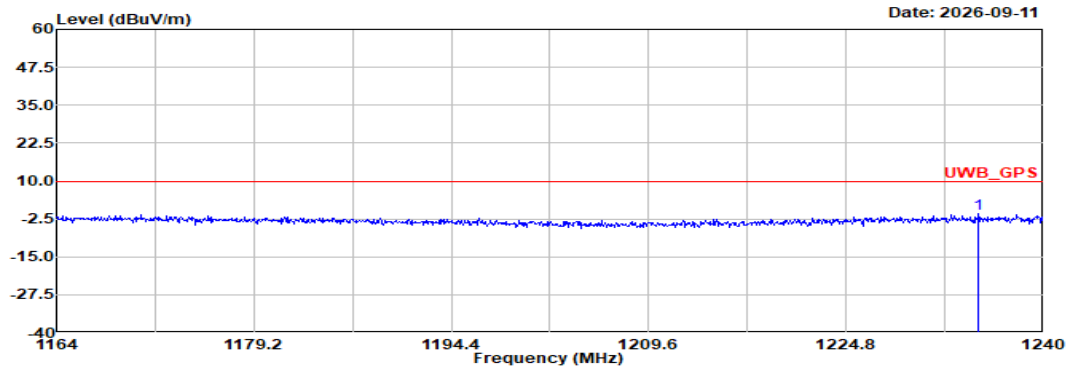
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 15	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1234.98	-0.63	9.93	-10.56	3.58	25.80	5.73	35.74	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)

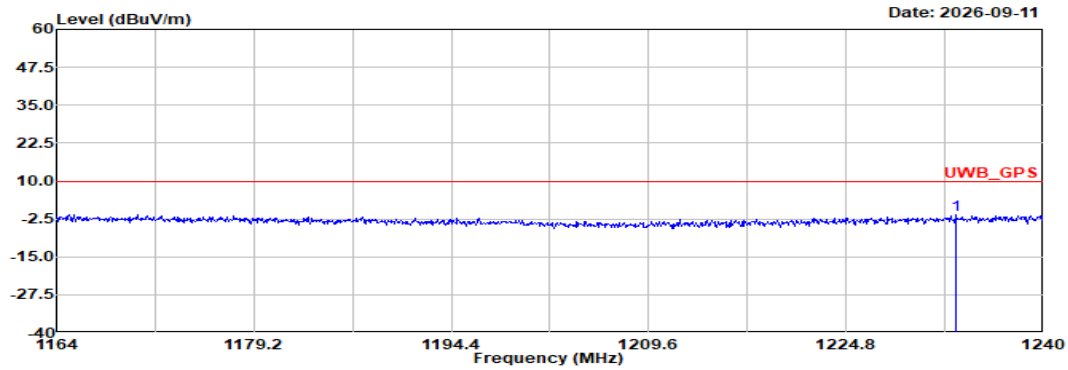
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 15	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1233.24	-1.10	9.93	-11.03	3.12	25.80	5.72	35.74	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)

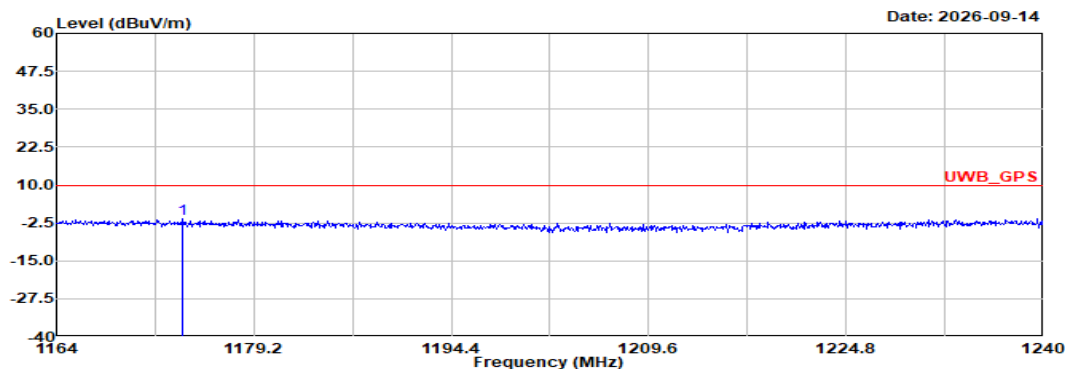
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 19	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1173.65	-1.09	9.93	-11.02	3.52	25.54	5.57	35.72	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)

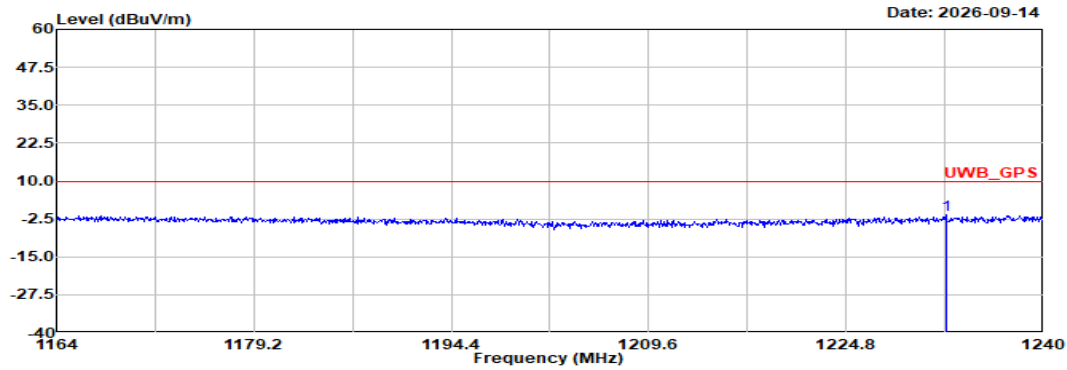
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 19	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1232.48	-1.20	9.93	-11.13	3.02	25.80	5.72	35.74	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)

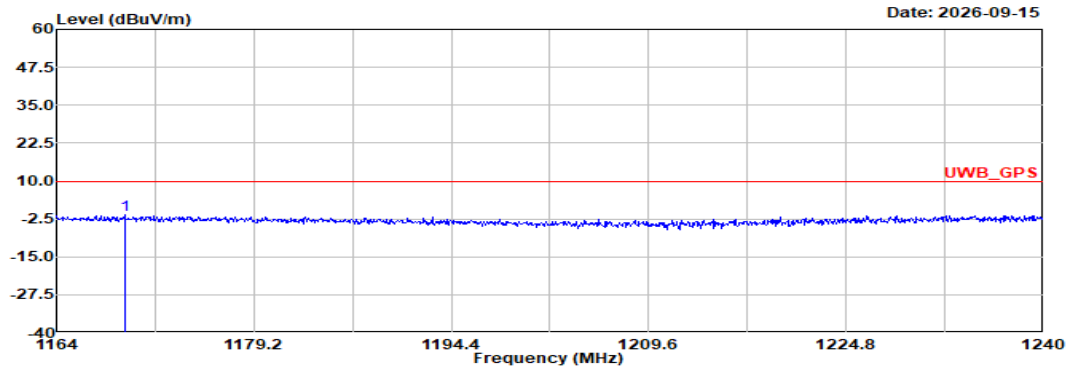
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 27	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 19

Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1 1169.24	-1.16	9.93	-11.09	3.49	25.50	5.56	35.71	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)

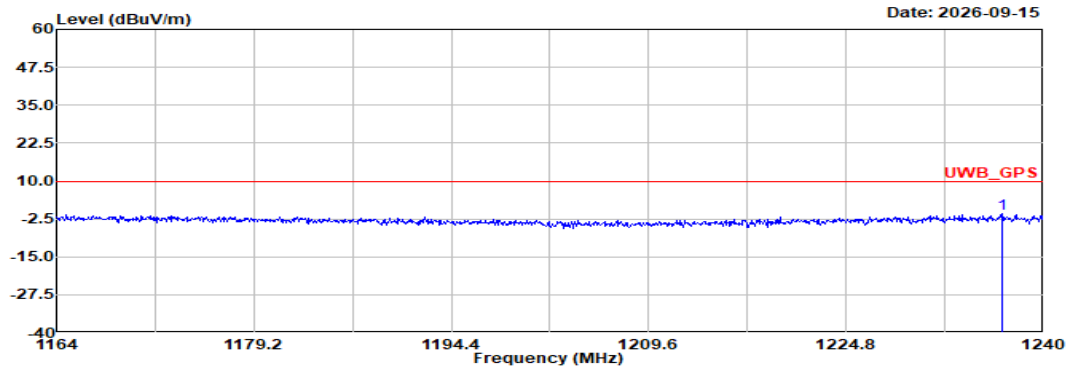
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 27	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 19

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1236.81	-0.90	9.93	-10.83	3.31	25.80	5.73	35.74	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.)

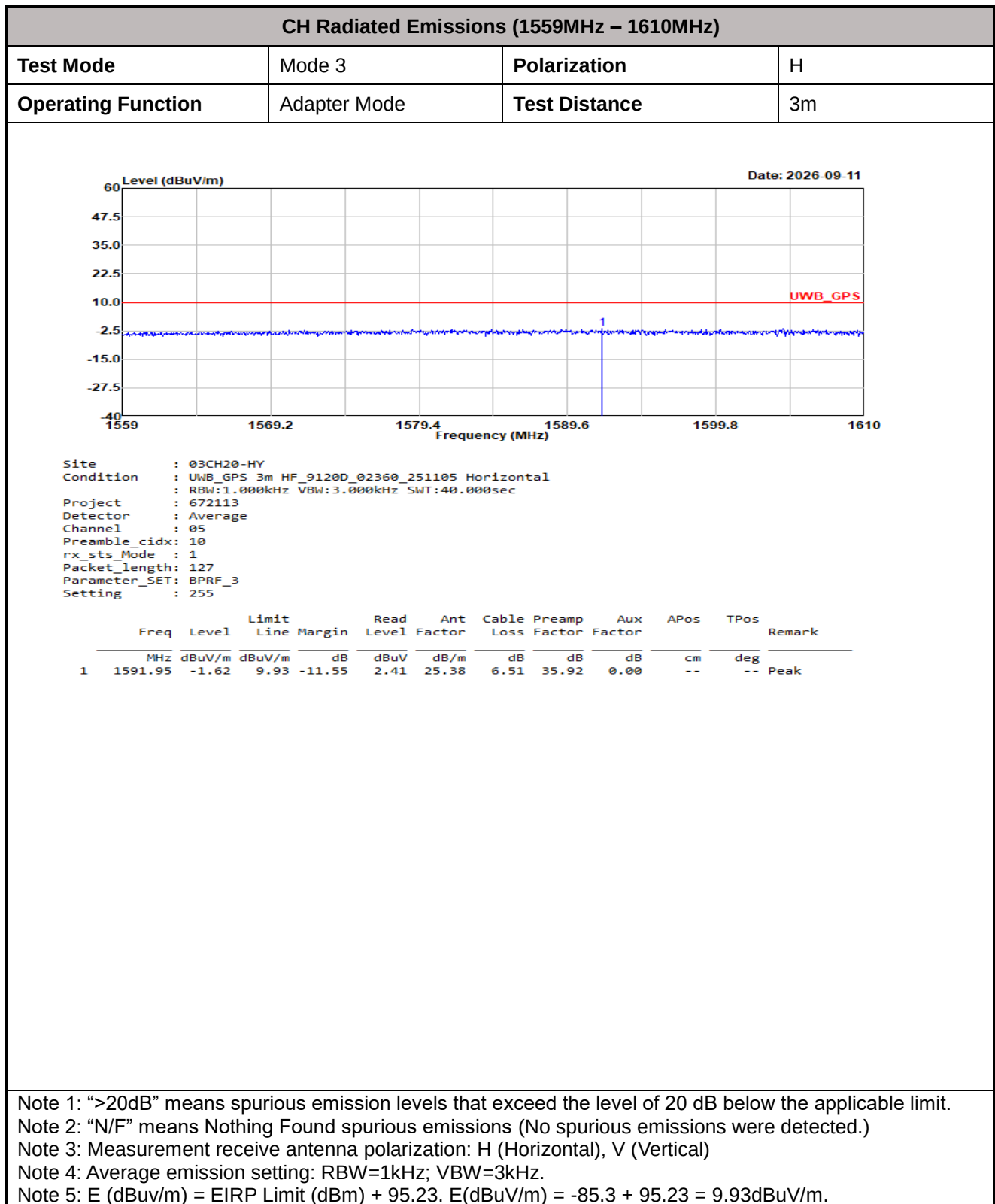
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



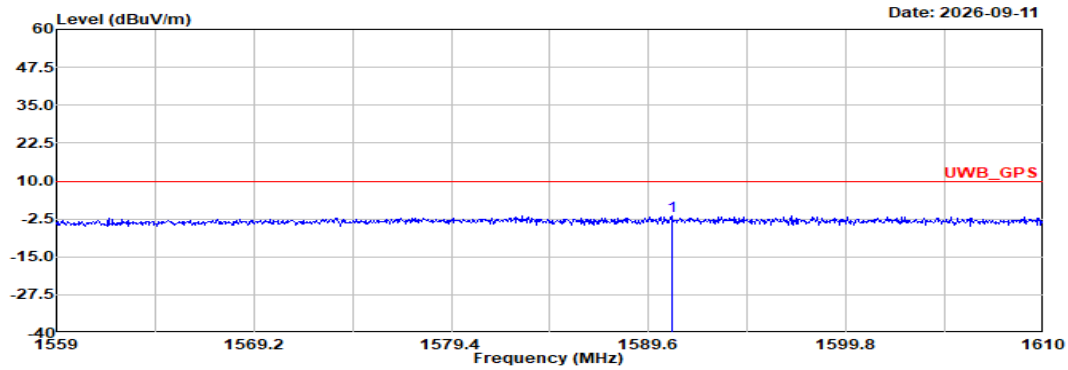
3.5.10 Radiated Emissions (1559MHz – 1610MHz)





CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 3	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 05
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1590.77	-1.58	9.93	-11.51	2.45	25.39	6.50	35.92	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)

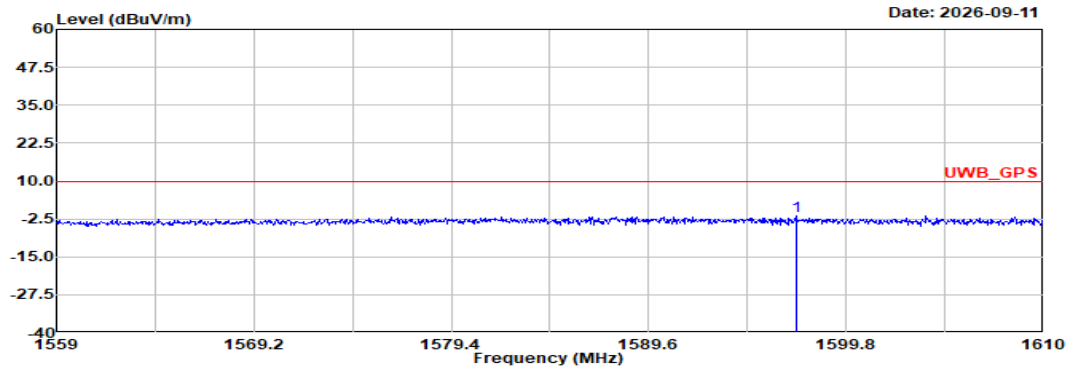
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 15	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1597.20	-1.45	9.93	-11.38	2.63	25.33	6.52	35.93	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)

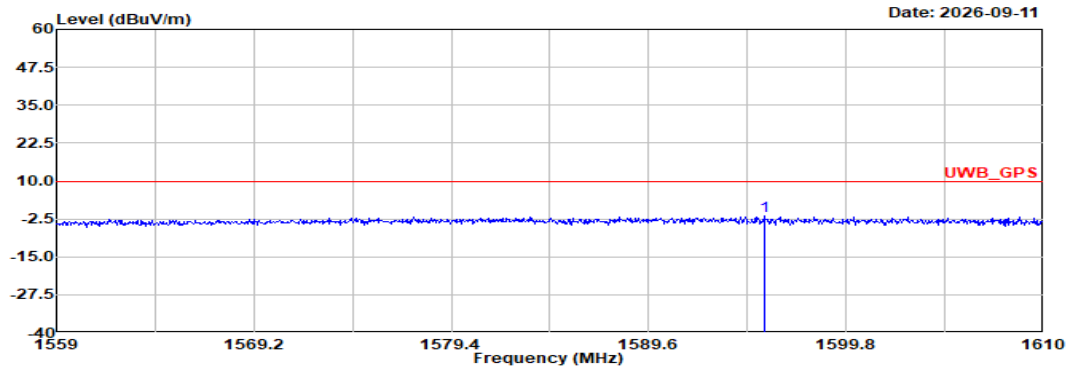
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 15	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1595.57	-1.46	9.93	-11.39	2.61	25.34	6.51	35.92	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)

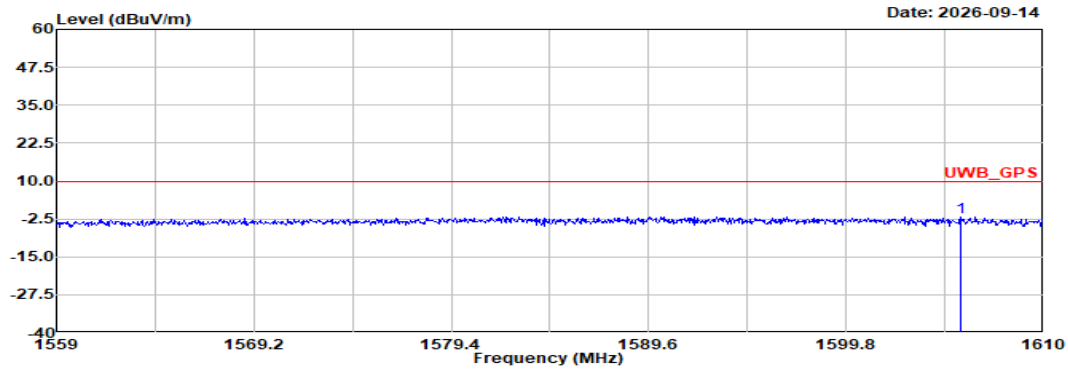
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 19	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1 1605.72	-1.84	9.93	-11.77	2.32	25.24	6.53	35.93	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)

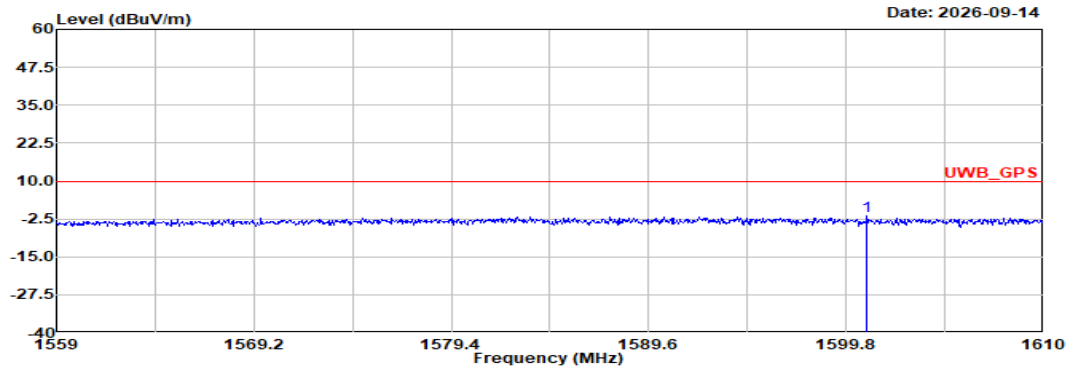
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 19	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Peak
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1600.87	-1.63	9.93	-11.56	2.49	25.29	6.52	35.93	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)

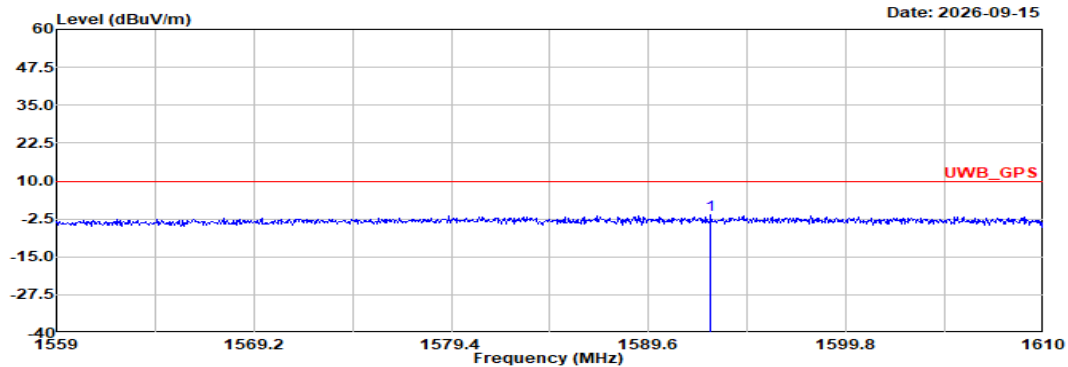
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP Limit (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 27	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Horizontal
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 19

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	1592.81	-1.32	9.93	-11.25	2.72	25.37	6.51	35.92	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)

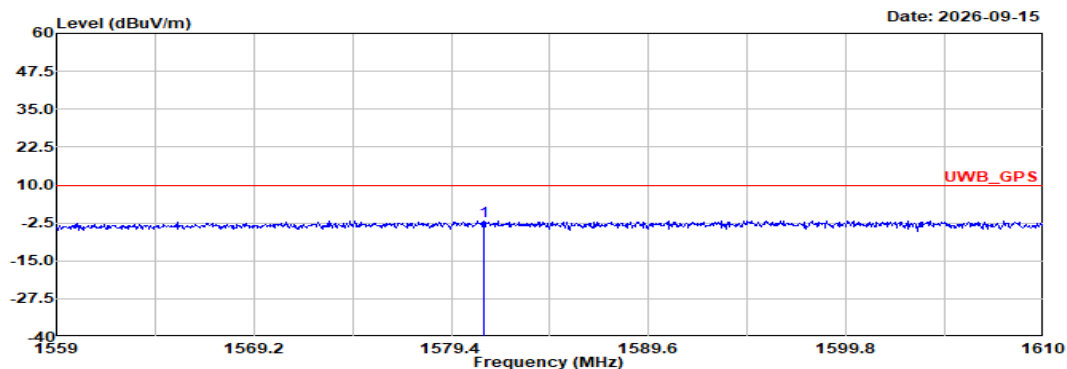
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



CH Radiated Emissions (1559MHz – 1610MHz)

Test Mode	Mode 27	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m HF_9120D_02360_251105 Vertical
RBW:1.000kHz VBW:3.000kHz SWT:40.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 19

Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1 1581.08	-1.73	9.93	-11.66	2.39	25.31	6.49	35.92	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.)

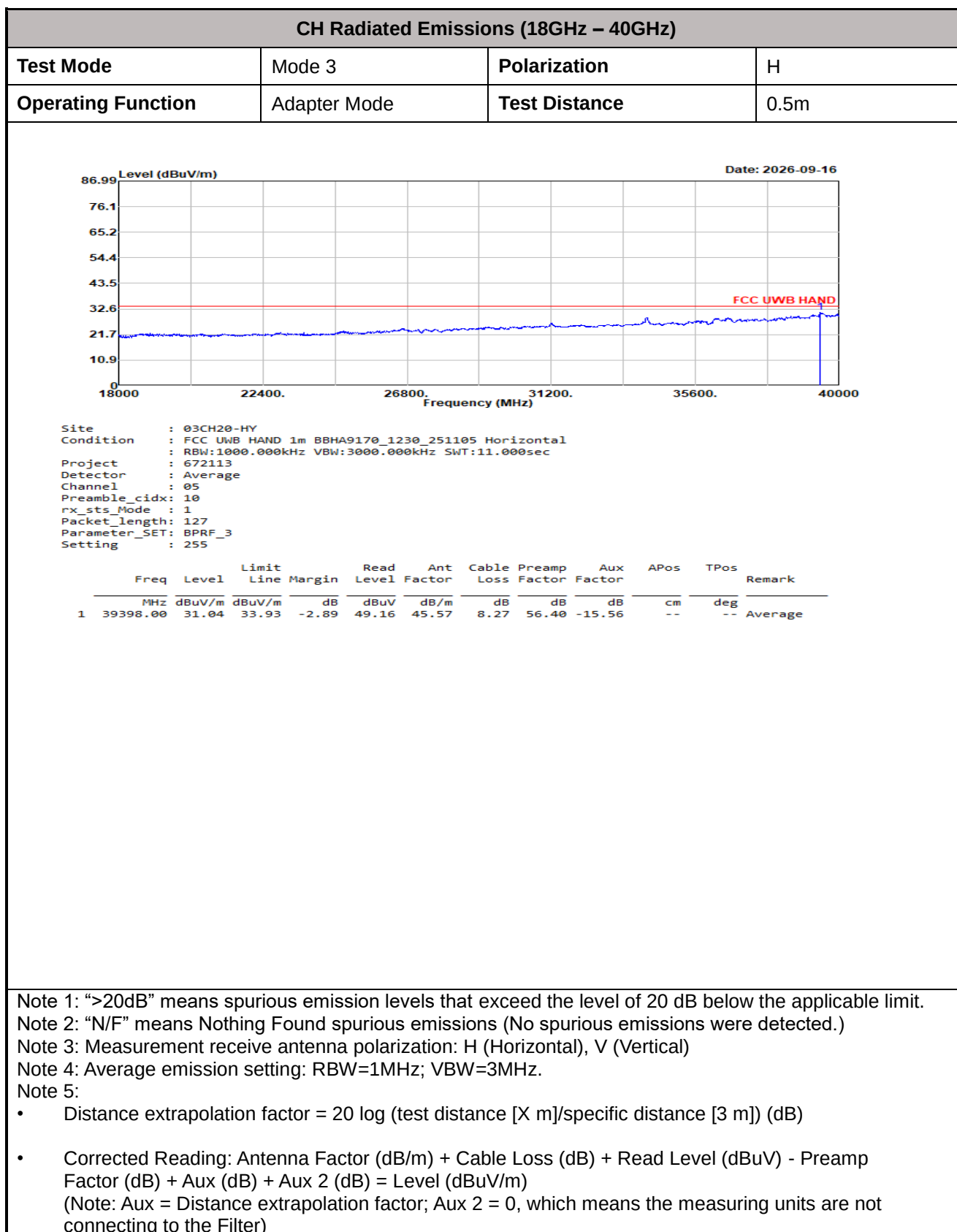
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: $E \text{ (dBuV/m)} = \text{EIRP Limit (dBm)} + 95.23$. $E \text{ (dBuV/m)} = -85.3 + 95.23 = 9.93 \text{ dBuV/m}$.



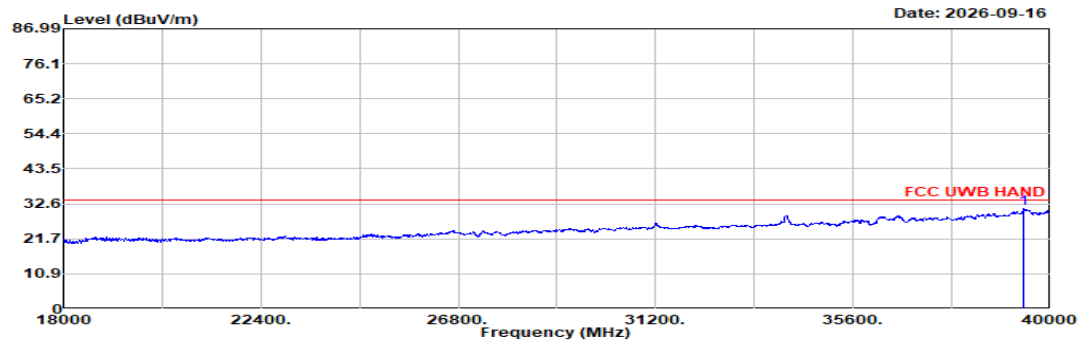
3.5.11 Radiated Emissions (18GHz – 40GHz)





CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 3	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 VERTICAL
RBW:1000.000kHz VBW:3000.000kHz SWT:11.000sec
Project : 672113
Detector : Average
Channel : 05
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	31.04	33.93	-2.89	49.16	45.57	8.27	56.40	-15.56	--	--	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.

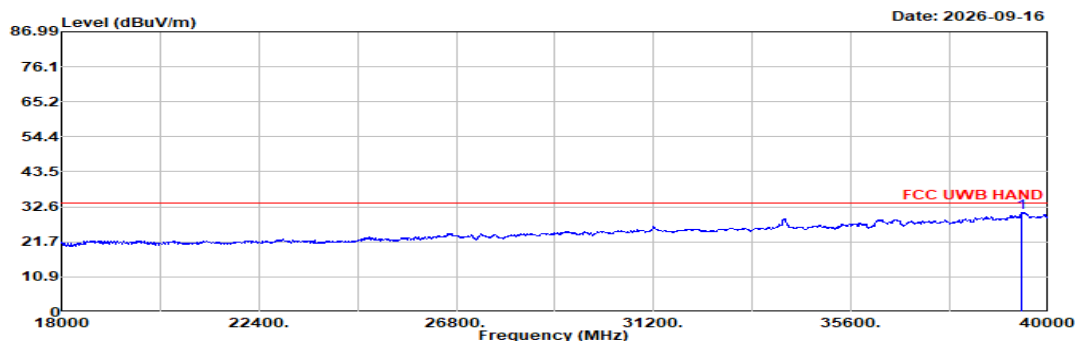
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 15	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 Horizontal
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	31.00	33.93	-2.93	49.12	45.57	8.27	56.40	-15.56	--	--	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.

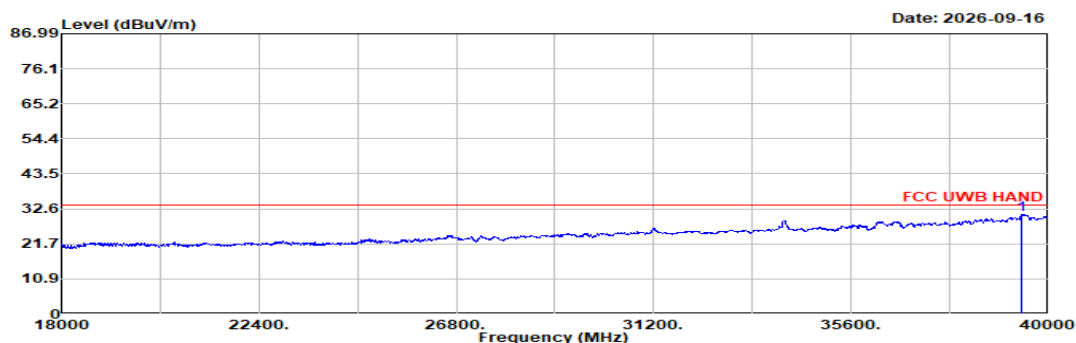
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 15	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 Vertical
RBW:1000.000kHz VBW:3000.000kHz SWT:11.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 27
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: HPRF_12
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	30.99	33.93	-2.94	49.11	45.57	8.27	56.40	-15.56	--	--	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.

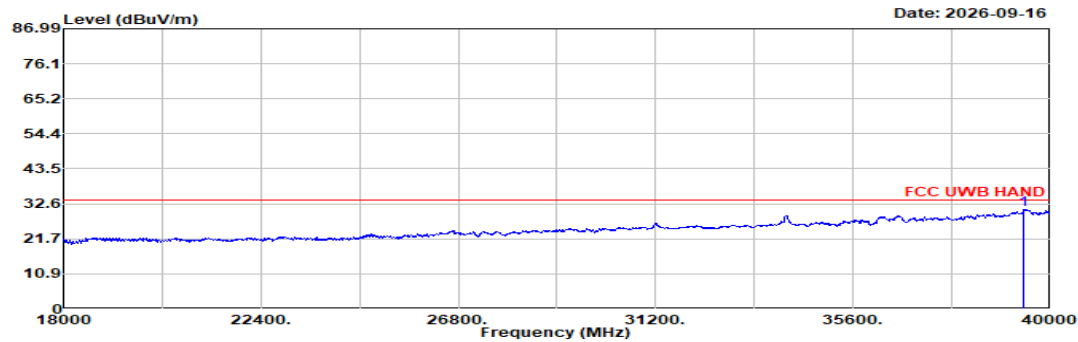
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 19	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 Horizontal
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	30.99	33.93	-2.94	49.11	45.57	8.27	56.40	-15.56	--	--	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.

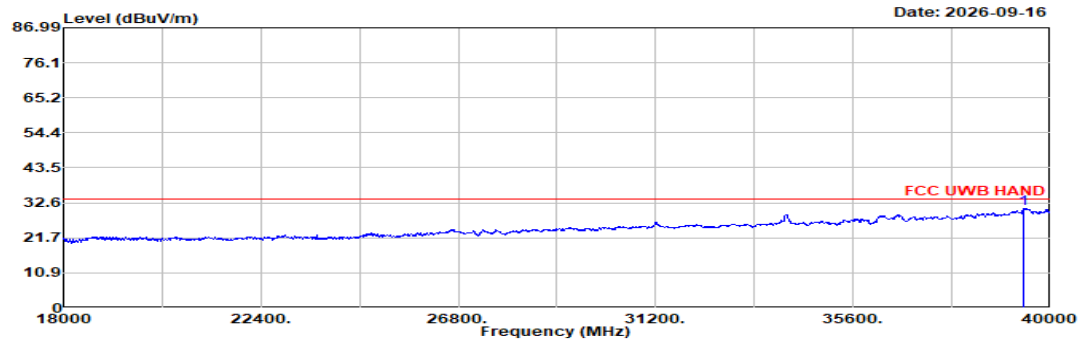
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 19	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m B8HA9170_1230_251105 VERTICAL
RBW:1000.000kHz VBW:3000.000kHz SWT:11.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	30.99	33.93	-2.94	49.11	45.57	8.27	56.40	-15.56	--	--	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.

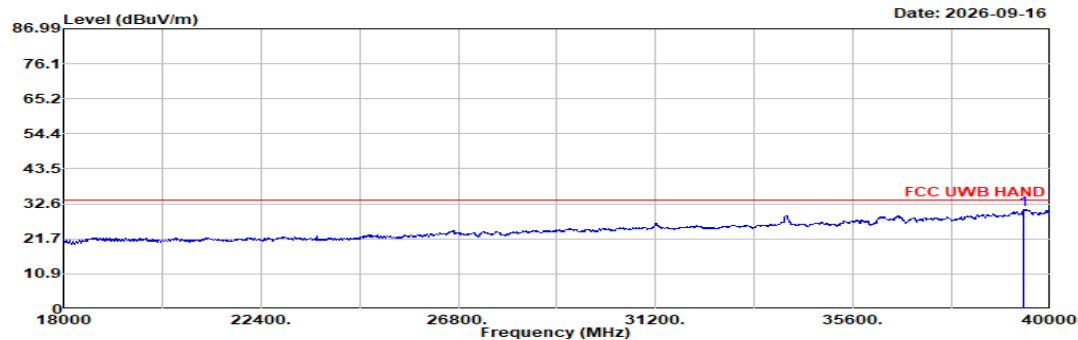
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 27	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 Horizontal
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	31.01	33.93	-2.92	49.13	45.57	8.27	56.40	-15.56	--	--	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.

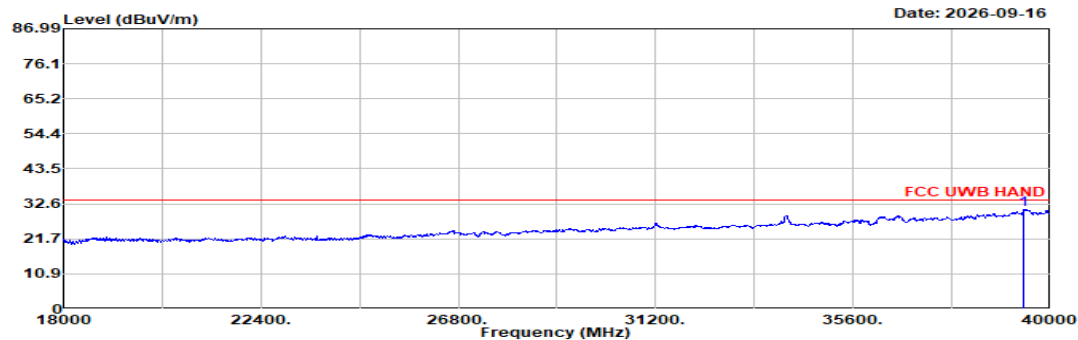
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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)



CH Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 27	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC UWB HAND 1m BBHA9170_1230_251105 VERTICAL
RBW:1000.000kHz VBW:3000.000kHz SWT:11.000sec
Project : 672113
Detector : Average
Channel : 09
Preamble_cidx: 10
rx_sts_Mode : 1
Packet_length: 127
Parameter_SET: BPRF_3
Setting : 255

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	39398.00	31.01	33.93	-2.92	49.13	45.57	8.27	56.40	-15.56	--	--	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 = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (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
AC Power Source	ALL	APC-130	N/A	N/A	N/A	Aug. 21, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Aug. 21, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Aug. 21, 2026	Jun. 14, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-US-U S S	100080+N-021	N/A	Apr. 22, 2026	Aug. 21, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 21, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 07, 2026	Aug. 21, 2026	Aug. 06, 2027	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Aug. 21, 2026	Oct. 13, 2026	Conduction (CO05-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Oct. 15, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 08, 2026	Sep. 10, 2026 ~ Sep. 17, 2026	Jun. 07, 2027	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Sep. 10, 2026 ~ Sep. 17, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 10, 2026 ~ Sep. 17, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 10, 2026 ~ Sep. 17, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	10Hz~44GHz	Dec. 10, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Oct. 03, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1230	18GHz-40GHz	Nov. 05, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 11, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8040 15/2,25104239	N/A	Apr. 13, 2026	Sep. 10, 2026 ~ Sep. 17, 2026	Apr. 12, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Sep. 10, 2026 ~ Sep. 17, 2026	Oct. 20, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Sep. 10, 2026 ~ Sep. 17, 2026	N/A	Radiation (03CH20-HY)



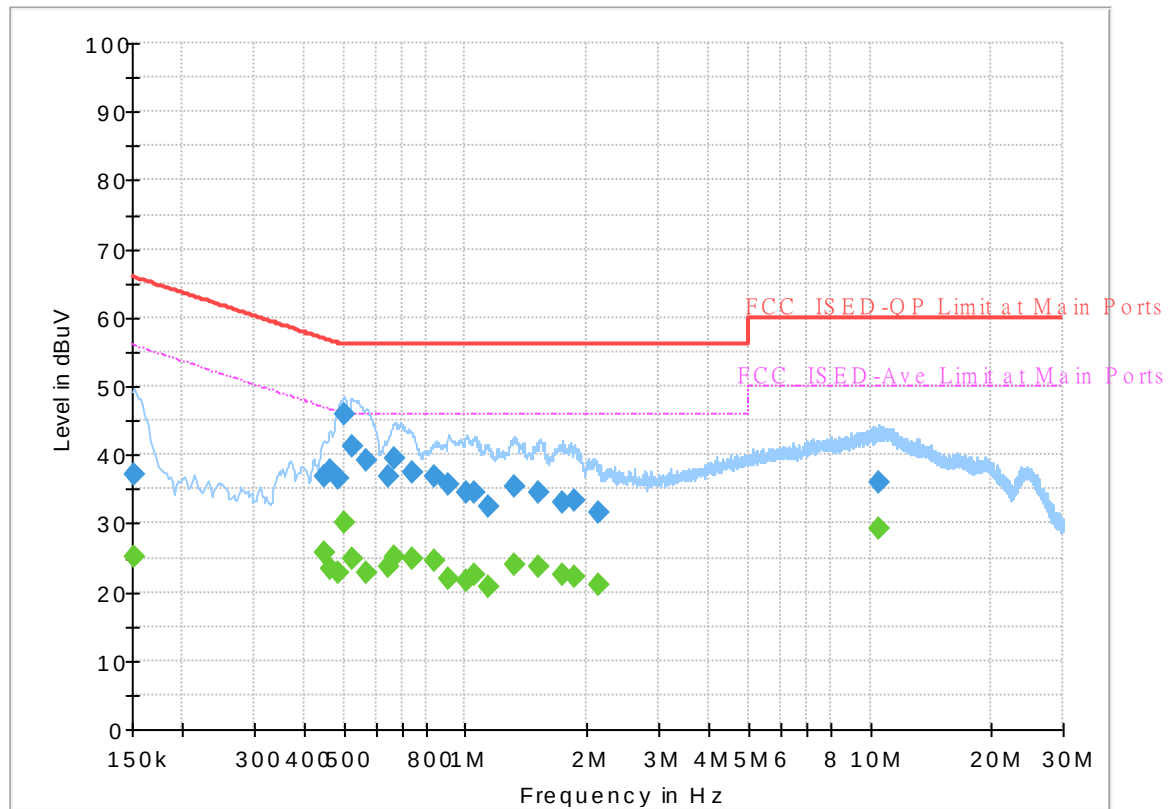
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23 ~ 26°C
		Relative Humidity :	45 ~ 55%

EUT Information

Report NO : 672113
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final Result

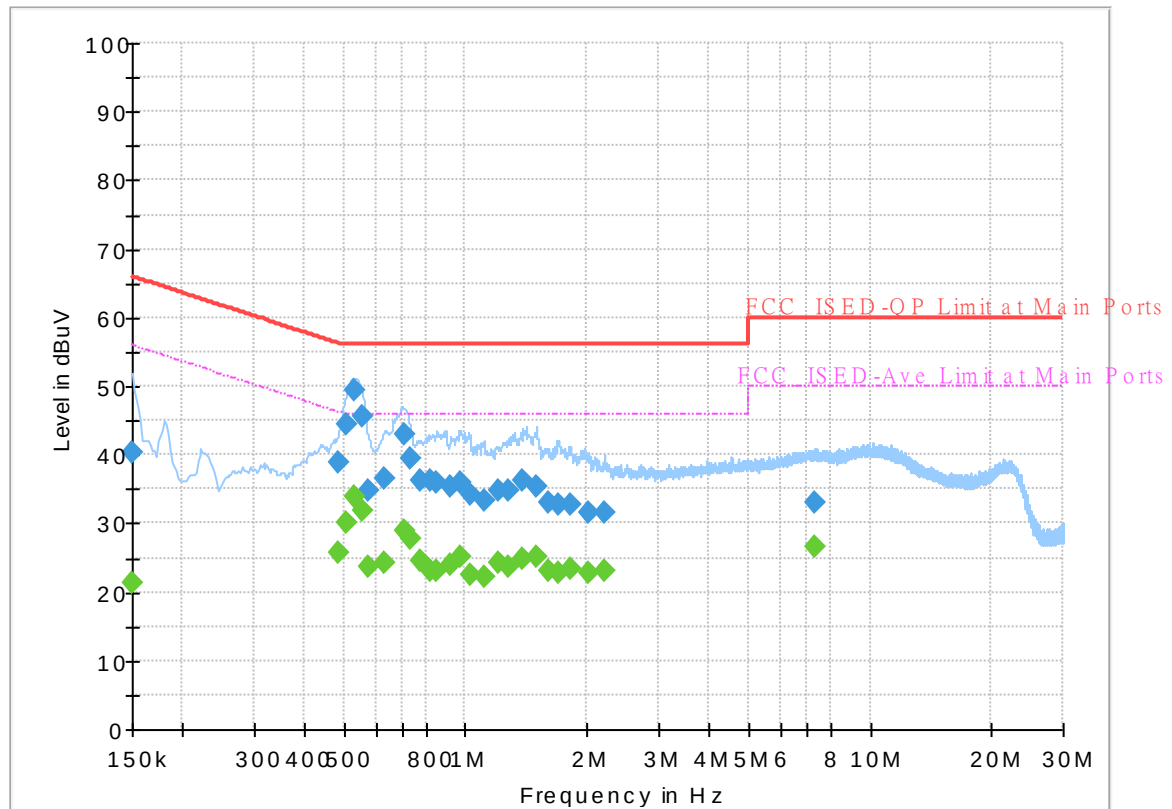
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	25.13	55.88	30.75	L1	OFF	19.9
0.152250	37.28	---	65.88	28.60	L1	OFF	19.9
0.447000	---	25.70	46.93	21.23	L1	OFF	19.9
0.447000	36.87	---	56.93	20.06	L1	OFF	19.9
0.462750	---	23.44	46.64	23.20	L1	OFF	19.9
0.462750	37.81	---	56.64	18.83	L1	OFF	19.9
0.483000	---	22.73	46.29	23.56	L1	OFF	19.9
0.483000	36.58	---	56.29	19.71	L1	OFF	19.9
0.501000	---	30.01	46.00	15.99	L1	OFF	19.9
0.501000	45.98	---	56.00	10.02	L1	OFF	19.9
0.525750	---	24.84	46.00	21.16	L1	OFF	19.9
0.525750	41.17	---	56.00	14.83	L1	OFF	19.9
0.566250	---	22.92	46.00	23.08	L1	OFF	19.9
0.566250	39.19	---	56.00	16.81	L1	OFF	19.9
0.647250	---	23.71	46.00	22.29	L1	OFF	19.9
0.647250	36.82	---	56.00	19.18	L1	OFF	19.9
0.667500	---	25.26	46.00	20.74	L1	OFF	19.9
0.667500	39.42	---	56.00	16.58	L1	OFF	19.9
0.737250	---	24.94	46.00	21.06	L1	OFF	19.9
0.737250	37.52	---	56.00	18.48	L1	OFF	19.9
0.836250	---	24.57	46.00	21.43	L1	OFF	20.0

0.836250	36.77	---	56.00	19.23	L1	OFF	20.0
0.912750	---	22.05	46.00	23.95	L1	OFF	20.0
0.912750	35.57	---	56.00	20.43	L1	OFF	20.0
1.009500	---	21.75	46.00	24.25	L1	OFF	20.0
1.009500	34.64	---	56.00	21.36	L1	OFF	20.0
1.056750	---	22.37	46.00	23.63	L1	OFF	20.0
1.056750	34.51	---	56.00	21.49	L1	OFF	20.0
1.140000	---	20.85	46.00	25.15	L1	OFF	20.0
1.140000	32.54	---	56.00	23.46	L1	OFF	20.0
1.315500	---	23.85	46.00	22.15	L1	OFF	20.0
1.315500	35.42	---	56.00	20.58	L1	OFF	20.0
1.522500	---	23.56	46.00	22.44	L1	OFF	20.0
1.522500	34.60	---	56.00	21.40	L1	OFF	20.0
1.740750	---	22.42	46.00	23.58	L1	OFF	20.0
1.740750	33.10	---	56.00	22.90	L1	OFF	20.0
1.855500	---	22.22	46.00	23.78	L1	OFF	20.0
1.855500	33.19	---	56.00	22.81	L1	OFF	20.0
2.130000	---	21.03	46.00	24.97	L1	OFF	20.0
2.130000	31.47	---	56.00	24.53	L1	OFF	20.0
10.486500	---	29.17	50.00	20.83	L1	OFF	20.5
10.486500	35.83	---	60.00	24.17	L1	OFF	20.5

EUT Information

Report NO : 672113
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	21.36	56.00	34.64	N	OFF	19.9
0.150000	40.29	---	66.00	25.71	N	OFF	19.9
0.487500	---	25.75	46.21	20.46	N	OFF	19.9
0.487500	38.75	---	56.21	17.46	N	OFF	19.9
0.505500	---	30.25	46.00	15.75	N	OFF	19.9
0.505500	44.32	---	56.00	11.68	N	OFF	19.9
0.530250	---	33.87	46.00	12.13	N	OFF	19.9
0.530250	49.35	---	56.00	6.65	N	OFF	19.9
0.555000	---	31.92	46.00	14.08	N	OFF	19.9
0.555000	45.56	---	56.00	10.44	N	OFF	19.9
0.577500	---	23.65	46.00	22.35	N	OFF	19.9
0.577500	34.72	---	56.00	21.28	N	OFF	19.9
0.631500	---	24.41	46.00	21.59	N	OFF	19.9
0.631500	36.51	---	56.00	19.49	N	OFF	19.9
0.703500	---	28.93	46.00	17.07	N	OFF	19.9
0.703500	42.84	---	56.00	13.16	N	OFF	19.9
0.735000	---	27.65	46.00	18.35	N	OFF	20.0
0.735000	39.34	---	56.00	16.66	N	OFF	20.0
0.777750	---	24.44	46.00	21.56	N	OFF	20.0
0.777750	36.33	---	56.00	19.67	N	OFF	20.0
0.820500	---	23.00	46.00	23.00	N	OFF	20.0

0.820500	36.15	---	56.00	19.85	N	OFF	20.0
0.852000	---	23.12	46.00	22.88	N	OFF	20.0
0.852000	35.85	---	56.00	20.15	N	OFF	20.0
0.917250	---	24.01	46.00	21.99	N	OFF	20.0
0.917250	35.25	---	56.00	20.75	N	OFF	20.0
0.973500	---	25.15	46.00	20.85	N	OFF	20.0
0.973500	35.97	---	56.00	20.03	N	OFF	20.0
1.025250	---	22.43	46.00	23.57	N	OFF	20.0
1.025250	34.31	---	56.00	21.69	N	OFF	20.0
1.110750	---	22.10	46.00	23.90	N	OFF	20.0
1.110750	33.27	---	56.00	22.73	N	OFF	20.0
1.205250	---	24.29	46.00	21.71	N	OFF	20.0
1.205250	34.81	---	56.00	21.19	N	OFF	20.0
1.281750	---	23.55	46.00	22.45	N	OFF	20.0
1.281750	34.81	---	56.00	21.19	N	OFF	20.0
1.380750	---	24.93	46.00	21.07	N	OFF	20.0
1.380750	36.12	---	56.00	19.88	N	OFF	20.0
1.493250	---	25.21	46.00	20.79	N	OFF	20.0
1.493250	35.29	---	56.00	20.71	N	OFF	20.0
1.603500	---	23.24	46.00	22.76	N	OFF	20.0
1.603500	33.15	---	56.00	22.85	N	OFF	20.0
1.702500	---	22.73	46.00	23.27	N	OFF	20.0
1.702500	32.81	---	56.00	23.19	N	OFF	20.0
1.815000	---	23.34	46.00	22.66	N	OFF	20.0
1.815000	32.76	---	56.00	23.24	N	OFF	20.0
2.010750	---	22.75	46.00	23.25	N	OFF	20.0
2.010750	31.61	---	56.00	24.39	N	OFF	20.0
2.199750	---	22.96	46.00	23.04	N	OFF	20.0
2.199750	31.48	---	56.00	24.52	N	OFF	20.0
7.311750	---	26.63	50.00	23.37	N	OFF	20.4
7.311750	33.12	---	60.00	26.88	N	OFF	20.4