FCC RADIO TEST REPORT

FCC ID	:	**PY7-84526Y**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac/ax, NFC and GNSS**
Brand Name	:	**Sony**
Applicant	:	**Sony Corporation 1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075**
Manufacturer	:	**Sony Corporation 1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075**
Standard	:	**FCC Part 15 Subpart C §15.247**

The product was received on Feb. 03, 20026 and testing was performed from Mar. 05, 2026 to May 13, 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 from 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
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History of this test report

Report No.	Version	Description	Issue Date
FR620305A	01	Initial issue of report	Jun. 29, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(1)	Number of Channels	Pass	Note
3.2	15.247(a)(1)	Hopping Channel Separation	Pass	Note
3.3	15.247(a)(1)	Dwell Time of Each Channel	Pass	Note
3.4	15.247(a)(1)	20dB Bandwidth	Pass	Note
3.4	2.1049	99% Occupied Bandwidth	Pass	Note
3.5	15.247(b)(1) 15.247(b)(4)	Peak Output Power	Pass	-
3.6	15.247(d)	Conducted Band Edges	Pass	Note
3.7	15.247(d)	Conducted Spurious Emission	Pass	Note
3.8	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	6.46 dB under the limit at 41.64 MHz
3.9	15.207	AC Conducted Emission	Pass	5.90 dB under the limit at 1.05 MHz
3.10	15.203	Antenna Requirement	Pass	-

Note:

1. ECR inquiry for data referencing from FCC ID: PY7-75158T has been approved by TCB. The ECR inquiry and the associated document are submitted in the confidential exhibit.
2. The only difference between FCC ID: PY7-75158T and FCC ID: PY7-84526Y are Cellular Support Band & RF Circuit.
3. For Radiated is Full test ,All the conducted test results are referenced from FCC ID: PY7-75158T (Sporton Test Report FR620304A), and spot check conducted power results to justify data referencing is presented in the Appendix E.

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

Reviewed by: Keven Cheng

Report Producer: Lili Lu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC and BDS/Galileo/GLONASS/GPS.
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass / BDS / Galileo: PIFA Antenna NFC: LOOP Antenna

Antenna information		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	<Ant. 6>: -1.9 <Ant. 7>: -1.3

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

EUT Information List			
HW Version	**SW Version**	**S/N**	**Performed Test Item**
A	0.27	DCMBBAG0AWB00001	RF conducted measurement
	0.27	DCMBBAG0AWA00044	Radiated Spurious Emission
	0.27	DCMBBAG0AWA00074	AC Conducted Emission

Specification of Accessory		
AC Adapter	**Brand Name**	Sony
	Model Name	XQZ-UC1
Earphone	**Brand Name**	Sony
	Model Name	MDR-EX15AP
USB Cable 1	**Brand Name**	Sony
	Model Name	XQZ-UB1
USB Cable 2	**Brand Name**	Sony
	Model Name	UCB20

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

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.)

FCC designation No.: TW3786

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

1.4 Applicable Standards

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

- FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- FCC KDB 414788 D01 Radiated Test Site v01r01
- FCC Part 15 Subpart C §15.247
- ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	0	2402	27	2429	54	2456
	1	2403	28	2430	55	2457
	2	2404	29	2431	56	2458
	3	2405	30	2432	57	2459
	4	2406	31	2433	58	2460
	5	2407	32	2434	59	2461
	6	2408	33	2435	60	2462
	7	2409	34	2436	61	2463
	8	2410	35	2437	62	2464
	9	2411	36	2438	63	2465
	10	2412	37	2439	64	2466
	11	2413	38	2440	65	2467
	12	2414	39	2441	66	2468
	13	2415	40	2442	67	2469
	14	2416	41	2443	68	2470
	15	2417	42	2444	69	2471
	16	2418	43	2445	70	2472
	17	2419	44	2446	71	2473
	18	2420	45	2447	72	2474
	19	2421	46	2448	73	2475
	20	2422	47	2449	74	2476
	21	2423	48	2450	75	2477
	22	2424	49	2451	76	2478
	23	2425	50	2452	77	2479
	24	2426	51	2453	78	2480
	25	2427	52	2454	-	-
	26	2428	53	2455	-	-

2.2 Test Mode

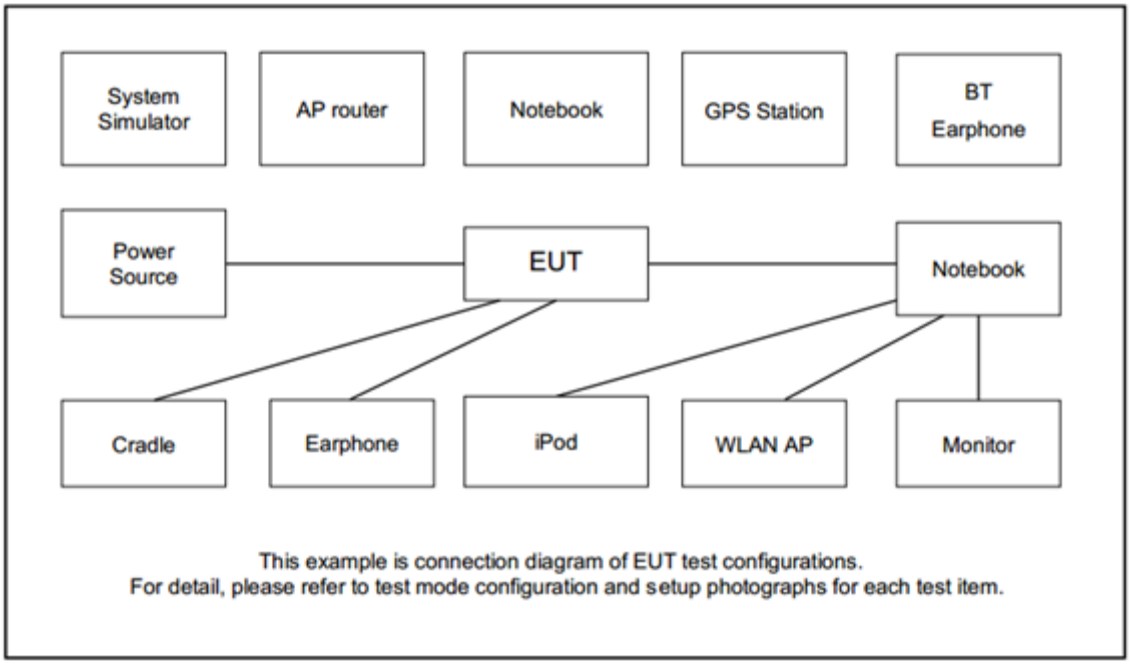
a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst plane, and the worst mode of radiated spurious emissions is Bluetooth 1Mbps mode, and recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

Summary table of Test Cases			
Test Item	**Data Rate / Modulation**		
Conducted Test Cases	**Bluetooth BR 1Mbps GFSK**	**Bluetooth EDR 2Mbps π/4-DQPSK**	**Bluetooth EDR 3Mbps 8-DPSK**
	Mode 1: CH00_2402 MHz	Mode 4: CH00_2402 MHz	Mode 7: CH00_2402 MHz
	Mode 2: CH39_2441 MHz	Mode 5: CH39_2441 MHz	Mode 8: CH39_2441 MHz
	Mode 3: CH78_2480 MHz	Mode 6: CH78_2480 MHz	Mode 9: CH78_2480 MHz
AC Conducted Emission	Mode 1 :BT Link + WLAN 2.4G Link + MPEG4 + USB Cable + Adapter + Earphone		
Remark: The detailed Radiated test modes are shown in Appendix C.			

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.	Bluetooth Earphone	SonyErricsson	MW600	PY700A2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
3.	Earphone	Sony	MDR-EX15AP	N/A	UnShielded, 1.2m	N/A
4.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P：Unshielded,1.2m DC O/P：Shielded, 1.8m

Remark: Applicant has ensured support unit would not be attached with the product on the market, support unit is provided by lab or applicant for testing.

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT Version 4.0.181.1” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 Number of Channel Measurement

3.1.1 Limits of Number of Hopping Frequency

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

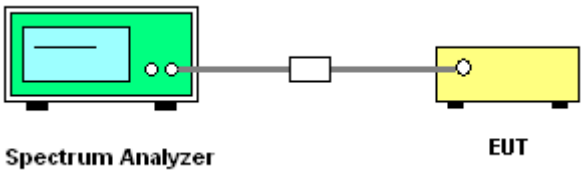
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.3.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = the frequency band of operation; RBW = 300 kHz; VBW ≥ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. The number of hopping frequency used is defined as the number of total channel.
7. Record the measurement data derived from spectrum analyzer.

3.1.4 Test Setup



3.1.5 Test Result of Number of Hopping Frequency

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.2 Hopping Channel Separation Measurement

3.2.1 Limit of Hopping Channel Separation

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

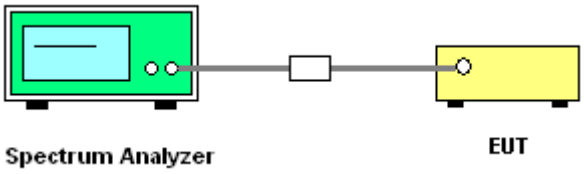
3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.2.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings:
   Span = wide enough to capture the peaks of two adjacent channels;
   RBW = 300 kHz; VBW ≥ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Hopping Channel Separation

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.3 Dwell Time Measurement

3.3.1 Limit of Dwell Time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

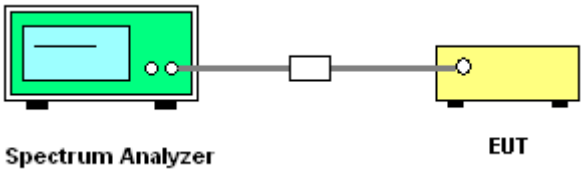
3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.4.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW ≥ RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.3.4 Test Setup



3.3.5 Test Result of Dwell Time

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.4 20dB and 99% Bandwidth Measurement

3.4.1 Limit of 20dB and 99% Bandwidth

Reporting only

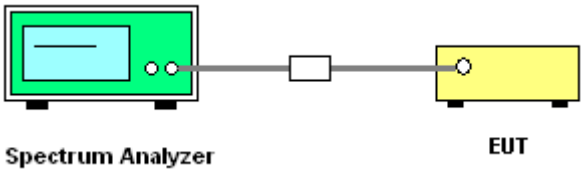
3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.9.2 and 6.9.3.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Use the following spectrum analyzer settings for 20 dB Bandwidth measurement.
   Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;
   RBW ≥ 1% of the 20 dB bandwidth, VBW ≥ 3 * RBW; Sweep = auto; Detector function = peak;
   Trace = max hold.
5. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.
   Span = approximately 1.5 to 5 times the 99% bandwidth, centered on a hopping channel;
   RBW ≥ 1-5% of the 99% bandwidth, VBW ≥ 3 * RBW; Sweep = auto; Detector function = peak;
   Trace = max hold.
6. Measure and record the results in the test report.

3.4.4 Test Setup



3.4.5 Test Result of 20dB Bandwidth

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.4.6 Test Result of 99% Occupied Bandwidth

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.5 Output Power Measurement

3.5.1 Limit of Output Power

The maximum peak conducted output power of the intentional radiator shall not exceed the following: For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi.

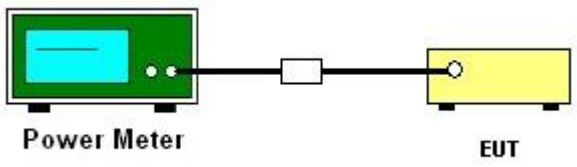
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.5.
2. The RF output of EUT is connected to the power meter by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

3.5.4 Test Setup



3.5.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.5.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.6 Conducted Band Edges Measurement

3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

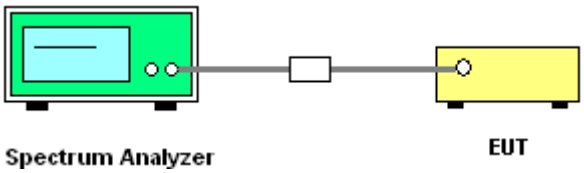
3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.6.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.10.
2. Set the maximum power setting and enable the EUT to transmit continuously.
3. Set RBW = 100 kHz, VBW = 300 kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2 and 3.
5. Measure and record the results in the test report.

3.6.4 Test Setup



3.6.5 Test Result of Conducted Band Edges

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.6.6 Test Result of Conducted Hopping Mode Band Edges

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

3.7 Conducted Spurious Emission Measurement

3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

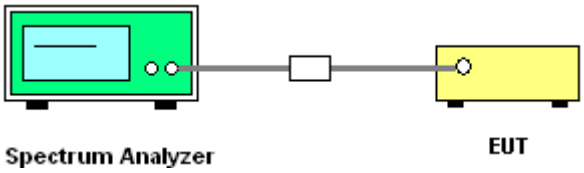
3.7.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.7.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.7.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Set RBW = 100 kHz, VBW = 300 kHz, scan up through 10th harmonic. All harmonics / spurious must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7.4 Test Setup



3.7.5 Test Result of Conducted Spurious Emission

Please refer to FCC ID: PY7-75158T (Sporton Test Report FR620304A)

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3.8 Radiated Band Edges and Spurious Emission Measurement

3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics / spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.8.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

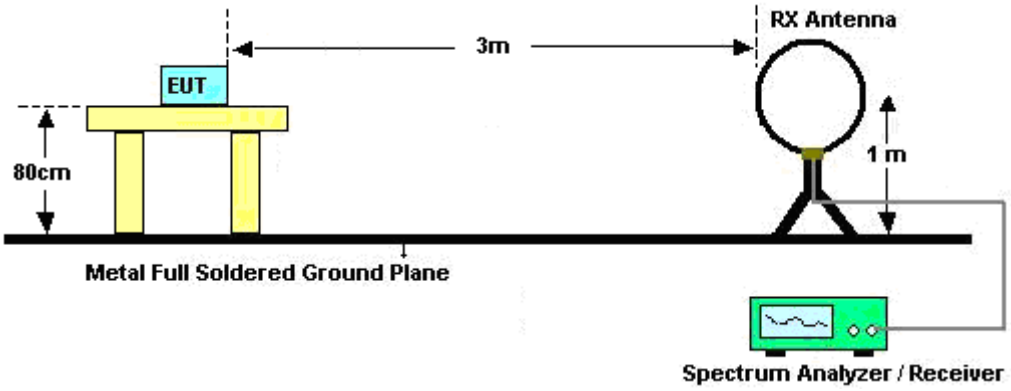
3.8.3 Test Procedures

1. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT is arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW = 100 kHz for f < 1 GHz, RBW = 1 MHz for f>1 GHz ; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
   (3) For average measurement: use duty cycle correction factor method per 15.35(c).
   Duty cycle = On time/100 milliseconds
   On time = $N_1*L_1+N_2*L_2+...+N_{n-1}*LN_{n-1}+N_n*L_n$
   Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulses, etc.
   Average Emission Level = Peak Emission Level + 20*log (Duty cycle)
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
8. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.

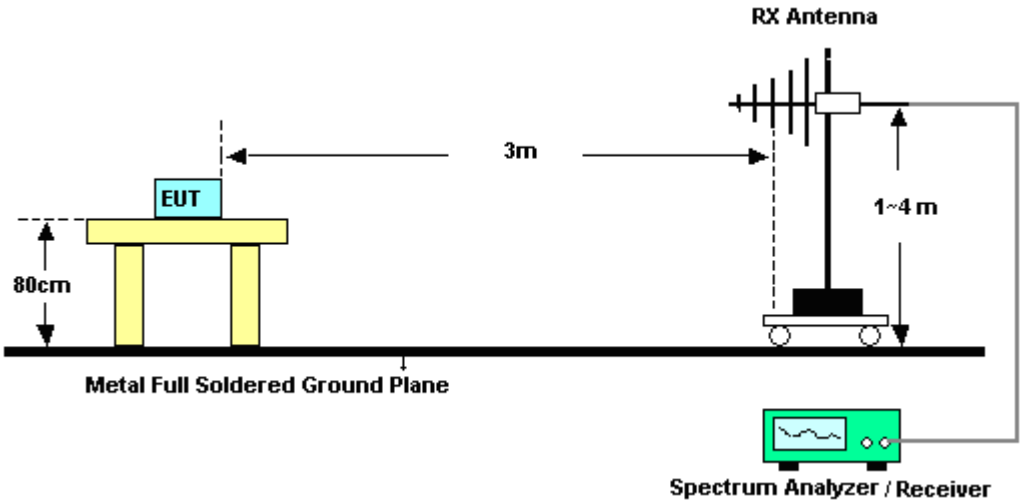
Note: The average levels are calculated from the peak level corrected with duty cycle correction factor (-24.79dB) derived from 20log (dwell time/100ms). This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

3.8.4 Test Setup

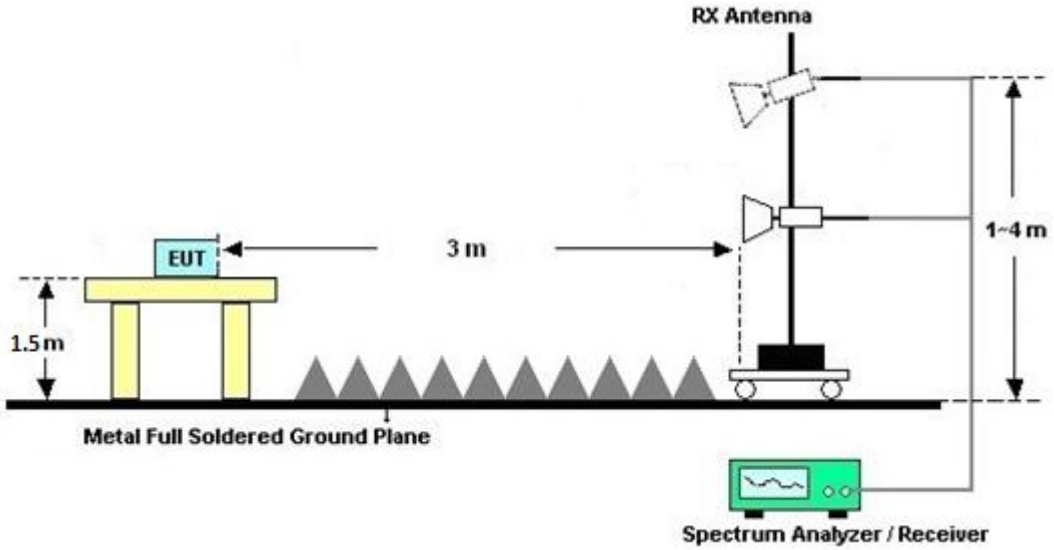
For radiated test below 30MHz



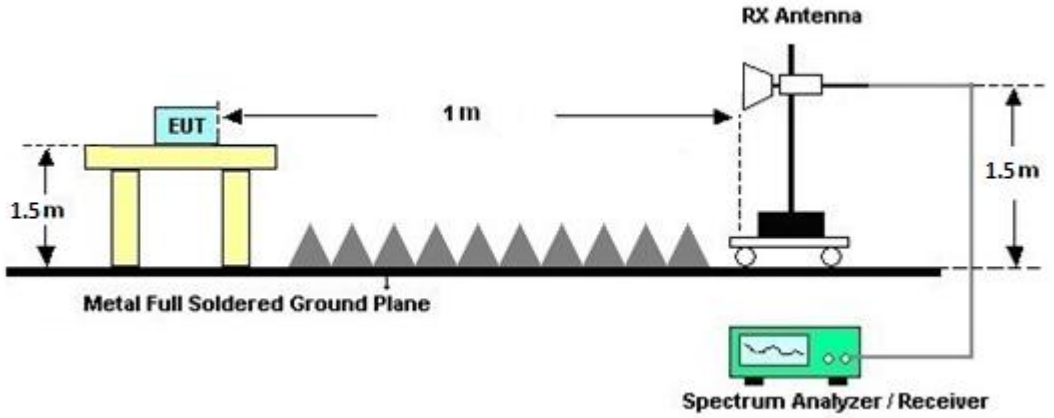
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not 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 comes out very similar.

3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.8.7 Duty Cycle

Please refer to Appendix D.

3.8.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.9 AC Conducted Emission Measurement

3.9.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

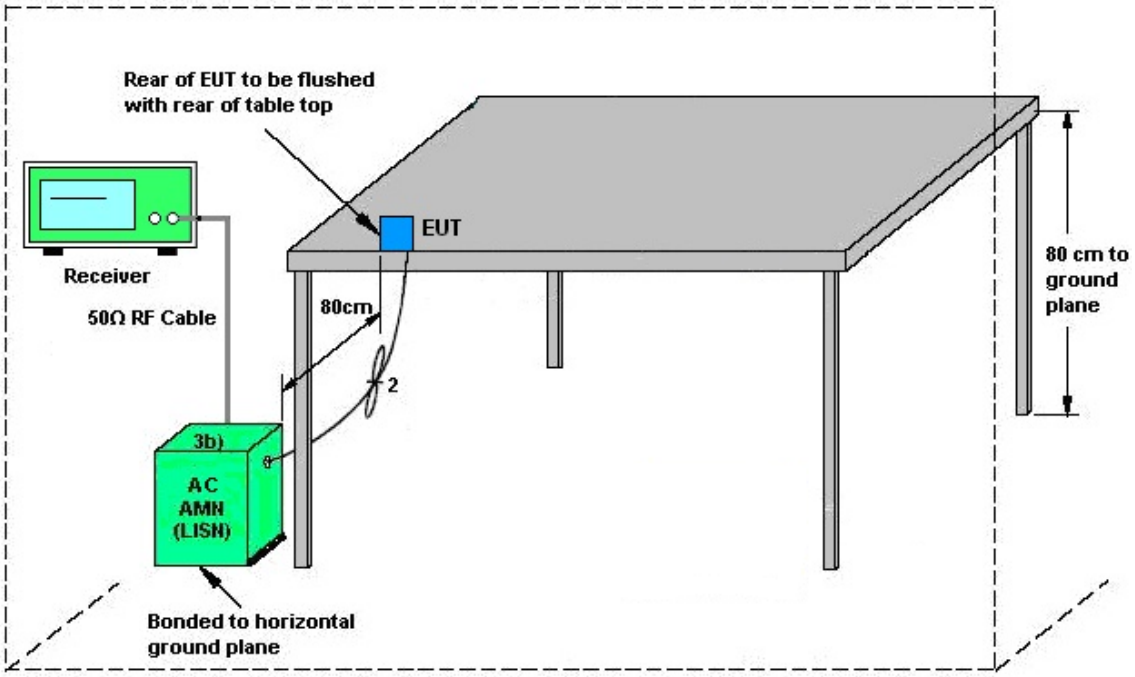
3.9.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.9.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.9.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.10 Antenna Requirements

3.10.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.10.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 05, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 05, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Mar. 05, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 2, 2026	Mar. 05, 2026	Mar. 1, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Mar. 05, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Mar. 05, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Mar. 25. 2026	Nov. 03, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Mar. 25. 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Mar. 25. 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Mar. 25. 2026	N/A	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Mar. 25. 2026	Nov. 13, 2026	Conducted (TH05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Apr. 12, 2026	May 10, 2026~ May 13, 2026	Apr. 11, 2027	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	May 10, 2026~ May 13, 2026	Dec. 10, 2026	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	May 10, 2026~ May 13, 2026	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	May 10, 2026~ May 13, 2026	Jul. 01, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 06, 2025	May 10, 2026~ May 13, 2026	Dec. 05, 2026	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 23, 2026	May 10, 2026~ May 13, 2026	Mar. 22, 2027	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 20, 2026	May 10, 2026~ May 13, 2026	Jan. 19, 2027	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2025	May 10, 2026~ May 13, 2026	May 25, 2026	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Aug. 27, 2025	May 10, 2026~ May 13, 2026	Aug. 26, 2026	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 22, 2025	May 10, 2026~ May 13, 2026	Jul. 21, 2026	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 10, 2026~ May 13, 2026	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 10, 2026~ May 13, 2026	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 10, 2026~ May 13, 2026	N/A	Radiation (03CH11-HY)
Software	Audix	E3	RK-002391	N/A	N/A	May 10, 2026~ May 13, 2026	N/A	Radiation (03CH11-HY)
USB Data Logger	TECPEL	TR-32	HE17XM6804	N/A	Dec. 15, 2025	May 10, 2026~ May 13, 2026	Dec. 14, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 26, 2025	May 10, 2026~ May 13, 2026	Aug. 25, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 04, 2026	May 10, 2026~ May 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	May 10, 2026~ May 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 04, 2026	May 10, 2026~ May 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	9K~30M	Mar. 04, 2026	May 10, 2026~ May 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	Mar. 04, 2026	May 10, 2026~ May 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
Attenuator	HONOVA	5910 SMA-50-005	0028	N/A	Sep. 09, 2025	May 10, 2026~ May 13, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 09, 2025	May 10, 2026~ May 13, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 09, 2025	May 10, 2026~ May 13, 2026	Sep. 08, 2026	Radiation (03CH11-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.7 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.5 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.7 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2026/3/25	Relative Humidity:	51~54	%

<Ant.6>

TEST RESULTS DATA
Peak Power Table

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result	Test Setting
DH1	0	1	14.20	20.97	Pass	10
	39	1	**14.30**	20.97	Pass	
	78	1	13.50	20.97	Pass	
2DH1	0	1	**16.60**	20.97	Pass	10
	39	1	**16.60**	20.97	Pass	
	78	1	15.70	20.97	Pass	
3DH1	0	1	**16.90**	20.97	Pass	10
	39	1	**16.90**	20.97	Pass	
	78	1	16.10	20.97	Pass	

TEST RESULTS DATA
Average Power Table
(Reporting Only)

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)	Duty Factor (dB)
DH1	0	1	13.00	5.16	10.00
	39	1	**13.10**	5.16	
	78	1	12.50	5.16	
2DH1	0	1	**13.70**	5.08	10.00
	39	1	**13.70**	5.08	
	78	1	13.10	5.08	
3DH1	0	1	**13.70**	5.08	10.00
	39	1	**13.70**	5.08	
	78	1	13.10	5.08	

<Ant.7>

TEST RESULTS DATA
Peak Power Table

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result	Test Setting
DH1	0	1	13.80	20.97	Pass	10
	39	1	**14.20**	20.97	Pass	
	78	1	13.50	20.97	Pass	
2DH1	0	1	16.10	20.97	Pass	10
	39	1	**16.40**	20.97	Pass	
	78	1	15.70	20.97	Pass	
3DH1	0	1	16.40	20.97	Pass	10
	39	1	**16.60**	20.97	Pass	
	78	1	15.90	20.97	Pass	

TEST RESULTS DATA
Average Power Table
(Reporting Only)

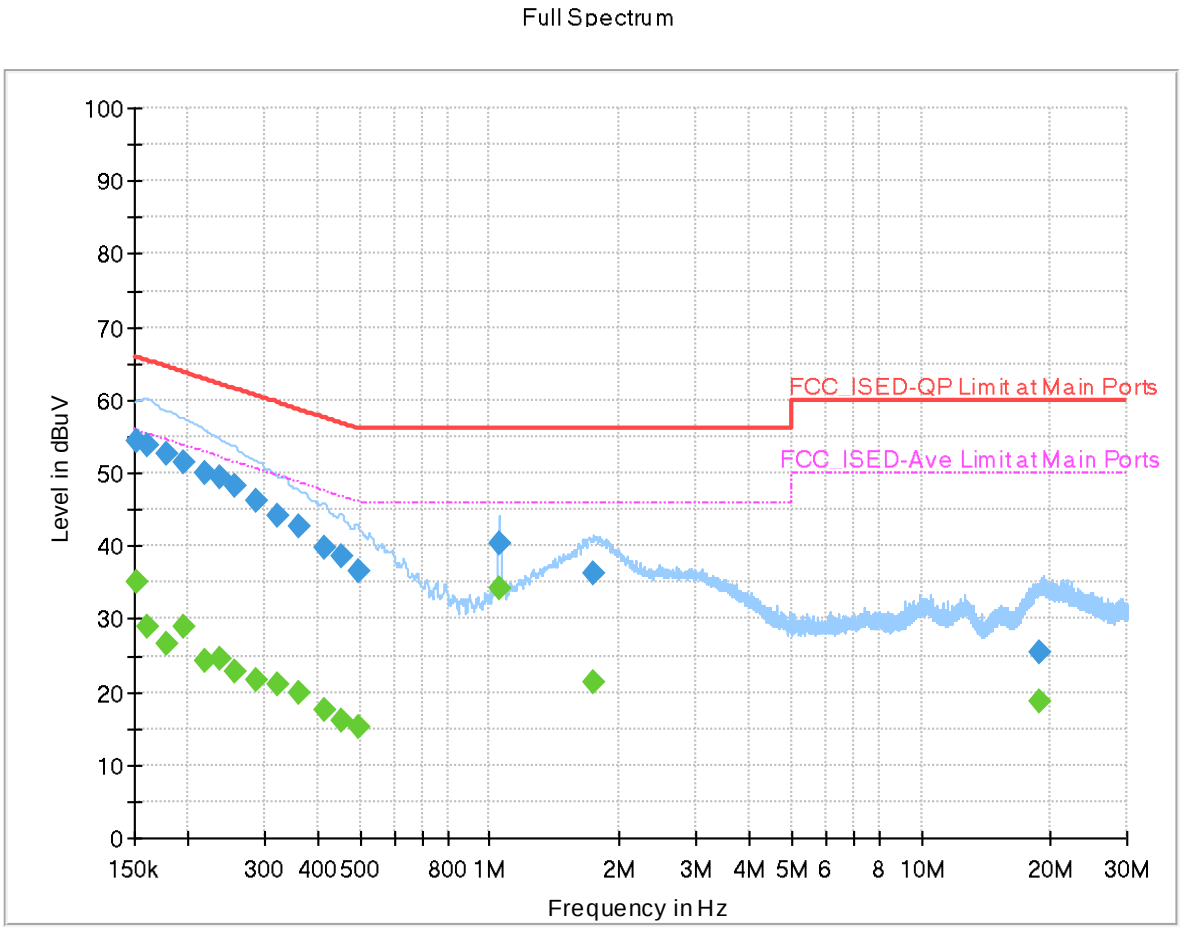
DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)	Duty Factor (dB)
DH1	0	1	12.50	5.15	10.00
	39	1	**13.00**	5.15	
	78	1	12.30	5.15	
2DH1	0	1	13.20	5.08	10.00
	39	1	**13.60**	5.08	
	78	1	13.10	5.08	
3DH1	0	1	13.30	5.08	10.00
	39	1	**13.60**	5.08	
	78	1	13.00	5.08	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	620305
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



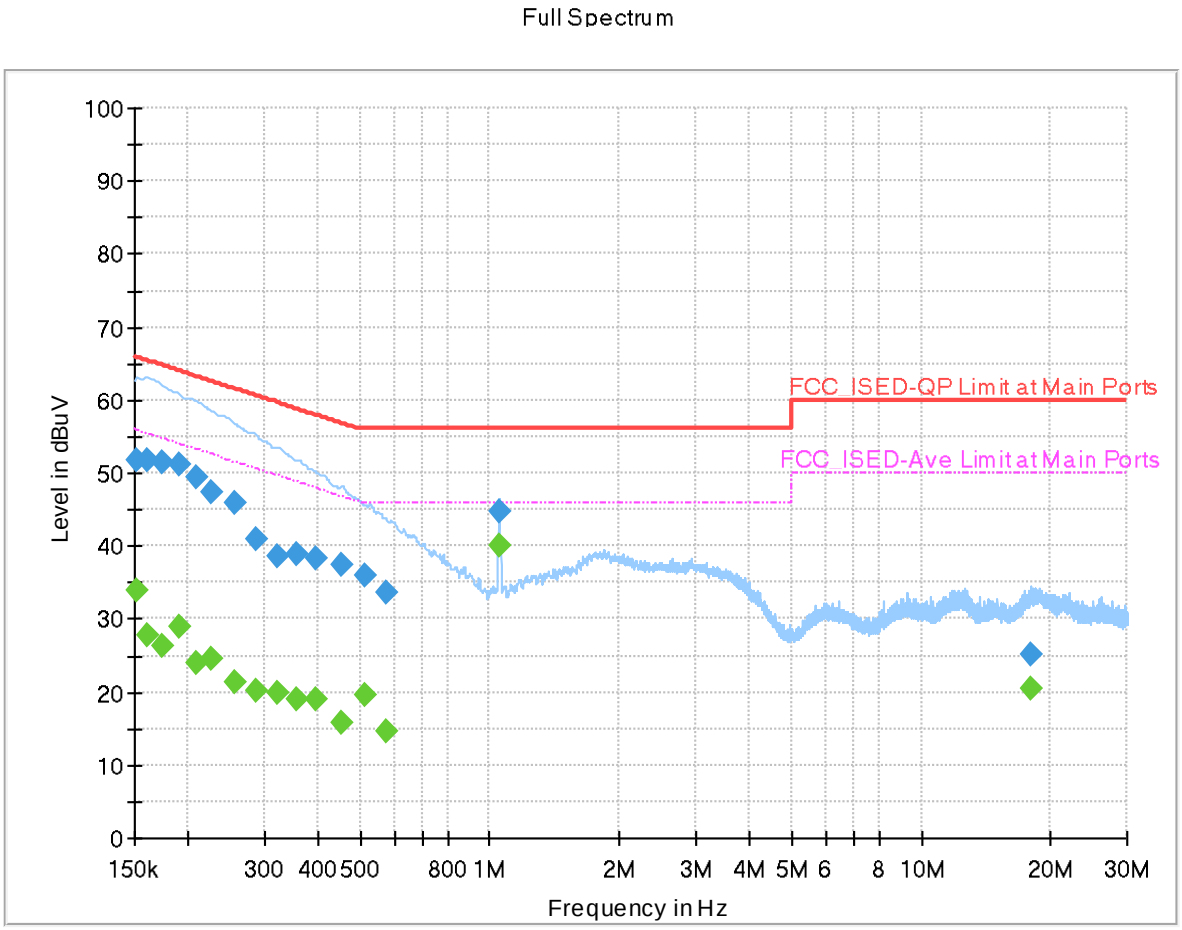
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.02	55.88	20.86	L1	ON	20.1
0.152250	54.39	---	65.88	11.49	L1	ON	20.1
0.161250	---	29.09	55.40	26.31	L1	ON	20.1
0.161250	53.79	---	65.40	11.61	L1	ON	20.1
0.177000	---	26.57	54.63	28.06	L1	ON	20.1
0.177000	52.51	---	64.63	12.12	L1	ON	20.1
0.195000	---	29.09	53.82	24.73	L1	ON	20.1
0.195000	51.44	---	63.82	12.38	L1	ON	20.1
0.217500	---	24.34	52.91	28.57	L1	ON	20.1
0.217500	50.01	---	62.91	12.90	L1	ON	20.1
0.235500	---	24.53	52.25	27.72	L1	ON	20.1
0.235500	49.29	---	62.25	12.96	L1	ON	20.1
0.255750	---	22.68	51.57	28.89	L1	ON	20.1
0.255750	48.27	---	61.57	13.30	L1	ON	20.1
0.287250	---	21.61	50.60	28.99	L1	ON	20.0
0.287250	46.07	---	60.60	14.53	L1	ON	20.0
0.323250	---	20.97	49.62	28.65	L1	ON	20.0
0.323250	44.06	---	59.62	15.56	L1	ON	20.0
0.359250	---	20.01	48.75	28.74	L1	ON	20.0

0.359250	42.80	---	58.75	15.95	L1	ON	20.0
0.415500	---	17.45	47.54	30.09	L1	ON	20.0
0.415500	39.76	---	57.54	17.78	L1	ON	20.0
0.453750	---	16.18	46.81	30.63	L1	ON	20.0
0.453750	38.65	---	56.81	18.16	L1	ON	20.0
0.498750	---	15.34	46.02	30.68	L1	ON	20.0
0.498750	36.63	---	56.02	19.39	L1	ON	20.0
1.050000	---	34.19	46.00	11.81	L1	ON	20.0
1.050000	40.43	---	56.00	15.57	L1	ON	20.0
1.747500	---	21.45	46.00	24.55	L1	ON	20.0
1.747500	36.14	---	56.00	19.86	L1	ON	20.0
18.714750	---	18.58	50.00	31.42	L1	ON	20.8
18.714750	25.32	---	60.00	34.68	L1	ON	20.8

EUT Information

Report NO :	620305
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.84	55.88	22.04	N	ON	20.1
0.152250	51.89	---	65.88	13.99	N	ON	20.1
0.161250	---	27.82	55.40	27.58	N	ON	20.1
0.161250	51.71	---	65.40	13.69	N	ON	20.1
0.174750	---	26.17	54.73	28.56	N	ON	20.1
0.174750	51.43	---	64.73	13.30	N	ON	20.1
0.190500	---	29.01	54.02	25.01	N	ON	20.1
0.190500	51.12	---	64.02	12.90	N	ON	20.1
0.208500	---	23.87	53.27	29.40	N	ON	20.1
0.208500	49.48	---	63.27	13.79	N	ON	20.1
0.226500	---	24.64	52.58	27.94	N	ON	20.1
0.226500	47.46	---	62.58	15.12	N	ON	20.1
0.255750	---	21.47	51.57	30.10	N	ON	20.1
0.255750	45.92	---	61.57	15.65	N	ON	20.1
0.287250	---	20.21	50.60	30.39	N	ON	20.0
0.287250	41.08	---	60.60	19.52	N	ON	20.0
0.321000	---	19.87	49.68	29.81	N	ON	20.0
0.321000	38.73	---	59.68	20.95	N	ON	20.0
0.357000	---	19.14	48.80	29.66	N	ON	20.0

0.357000	39.00	---	58.80	19.80	N	ON	20.0
0.395250	---	19.07	47.95	28.88	N	ON	20.0
0.395250	38.31	---	57.95	19.64	N	ON	20.0
0.453750	---	15.73	46.81	31.08	N	ON	20.0
0.453750	37.40	---	56.81	19.41	N	ON	20.0
0.512250	---	19.48	46.00	26.52	N	ON	20.0
0.512250	35.99	---	56.00	20.01	N	ON	20.0
0.575250	---	14.63	46.00	31.37	N	ON	20.0
0.575250	33.50	---	56.00	22.50	N	ON	20.0
1.052250	---	40.10	46.00	5.90	N	ON	20.0
1.052250	44.67	---	56.00	11.33	N	ON	20.0
17.981250	---	20.38	50.00	29.62	N	ON	20.8
17.981250	25.14	---	60.00	34.86	N	ON	20.8

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Bill Chang, Fu Chen, and Troye Hsieh	**Temperature :**	20.1~21.9°C
		Relative Humidity :	50.1~66.9%

Note symbol

-L	**Low channel location**
-R	**High channel location**

C1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	6	Bluetooth BR_FHSS	00	2402	1 Mbps	-	-
Mode 2	2400-2483.5	6	Bluetooth BR_FHSS	39	2441	1 Mbps	-	-
Mode 3	2400-2483.5	6	Bluetooth BR_FHSS	78	2480	1 Mbps	-	-
Mode 4	2400-2483.5	6	Bluetooth BR_FHSS	00	2402	2 Mbps	-	-
Mode 5	2400-2483.5	6	Bluetooth BR_FHSS	39	2441	2 Mbps	-	-
Mode 6	2400-2483.5	6	Bluetooth BR_FHSS	78	2480	2 Mbps	-	-
Mode 7	2400-2483.5	6	Bluetooth BR_FHSS	00	2402	3 Mbps	-	-
Mode 8	2400-2483.5	6	Bluetooth BR_FHSS	39	2441	3 Mbps	-	-
Mode 9	2400-2483.5	6	Bluetooth BR_FHSS	78	2480	3 Mbps	-	-
Mode 10	2400-2483.5	6	Bluetooth BR_FHSS	78	2480	1 Mbps	-	LF

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 11	2400-2483.5	6	Bluetooth BR_FHSS	78	2480	1 Mbps	-	SHF
Mode 12	2400-2483.5	7	Bluetooth BR_FHSS	00	2402	1 Mbps	-	-
Mode 13	2400-2483.5	7	Bluetooth BR_FHSS	39	2441	1 Mbps	-	-
Mode 14	2400-2483.5	7	Bluetooth BR_FHSS	78	2480	1 Mbps	-	-
Mode 15	2400-2483.5	7	Bluetooth BR_FHSS	00	2402	2 Mbps	-	-
Mode 16	2400-2483.5	7	Bluetooth BR_FHSS	39	2441	2 Mbps	-	-
Mode 17	2400-2483.5	7	Bluetooth BR_FHSS	78	2480	2 Mbps	-	-
Mode 18	2400-2483.5	7	Bluetooth BR_FHSS	00	2402	3 Mbps	-	-
Mode 19	2400-2483.5	7	Bluetooth BR_FHSS	39	2441	3 Mbps	-	-
Mode 20	2400-2483.5	7	Bluetooth BR_FHSS	78	2480	3 Mbps	-	-

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 21	2400-2483.5	7	Bluetooth BR_FHSS	78	2480	3 Mbps	-	LF
Mode 22	2400-2483.5	7	Bluetooth BR_FHSS	78	2480	3 Mbps	-	SHF

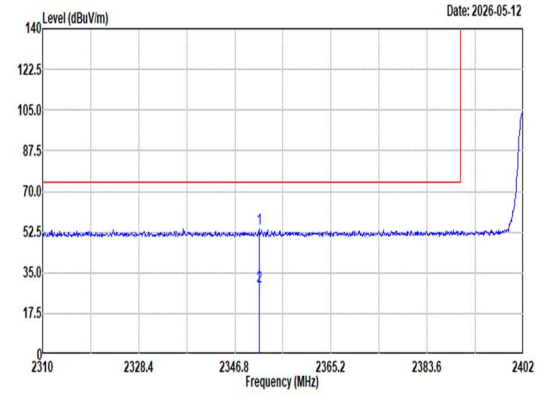
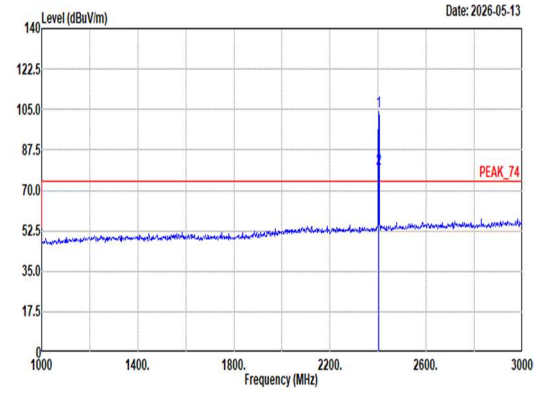
C2. Summary of each worse mode

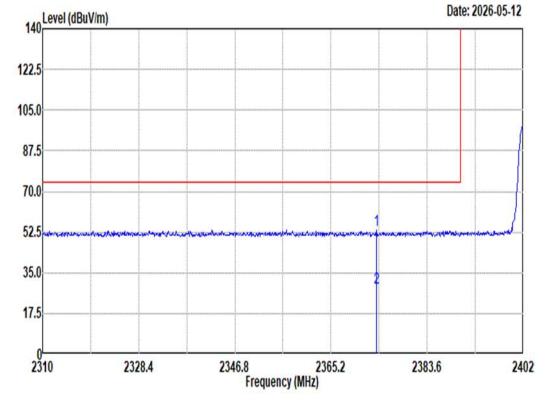
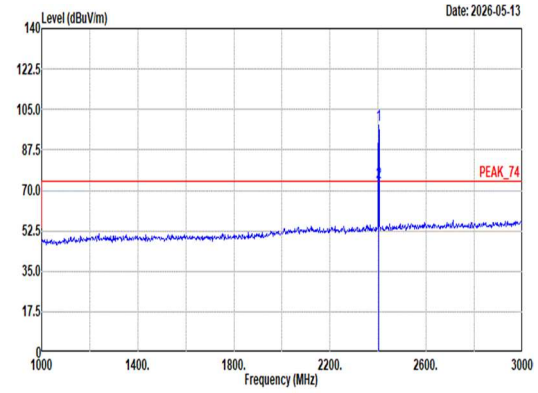
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	Bluetooth BR_FHSS	00	2351.40	53.99	74.00	-20.01	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	42.55	74.00	-31.45	V	Peak	Pass	-	Harmonic
2	Bluetooth BR_FHSS	39	2488.32	54.64	74.00	-19.36	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	44.09	74.00	-29.91	V	Peak	Pass	-	Harmonic
3	Bluetooth BR_FHSS	78	2484.04	59.03	74.00	-14.97	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	78	7323.00	43.90	74.00	-30.10	H	Peak	Pass	-	Harmonic
4	Bluetooth BR_FHSS	00	2373.85	53.48	74.00	-20.52	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	42.63	74.00	-31.37	V	Peak	Pass	-	Harmonic
5	Bluetooth BR_FHSS	39	2486.02	54.65	74.00	-19.35	V	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	44.04	74.00	-29.96	H	Peak	Pass	-	Harmonic

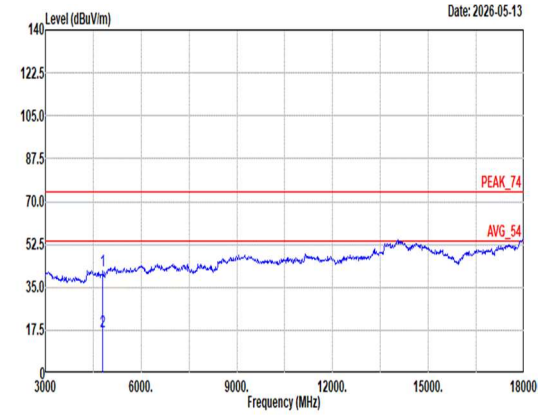
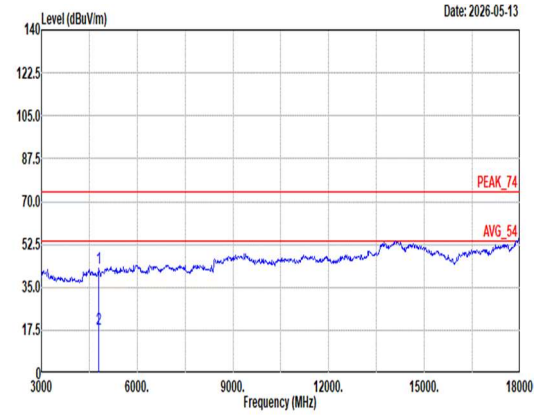
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	Bluetooth BR_FHSS	78	2483.74	55.16	74.00	-18.84	V	Peak	Pass	-	Band Edge
6	Bluetooth BR_FHSS	78	7440.00	43.51	74.00	-30.49	V	Peak	Pass	-	Harmonic
7	Bluetooth BR_FHSS	00	2379.83	53.97	74.00	-20.03	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	42.51	74.00	-31.49	V	Peak	Pass	-	Harmonic
8	Bluetooth BR_FHSS	39	2495.93	54.03	74.00	-19.97	V	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	43.20	74.00	-30.80	V	Peak	Pass	-	Harmonic
9	Bluetooth BR_FHSS	78	2483.52	54.94	74.00	-19.06	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	78	7440.00	44.46	74.00	-29.54	V	Peak	Pass	-	Harmonic
10	LF	78	41.64	33.46	40.00	-6.54	V	Peak	Pass	-	LF
11	SHF	78	26270.84	44.03	74.00	-29.97	H	Peak	Pass	-	SHF

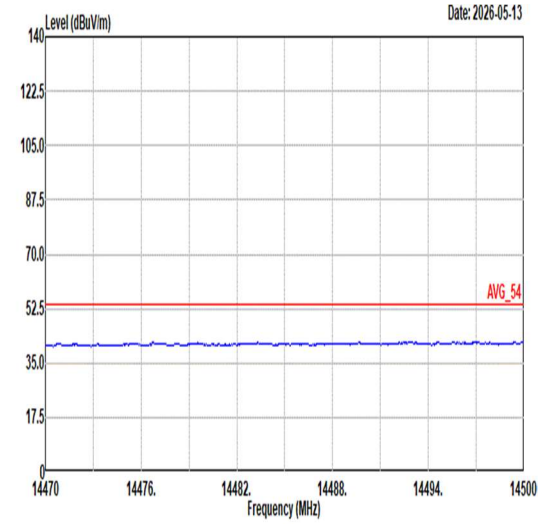
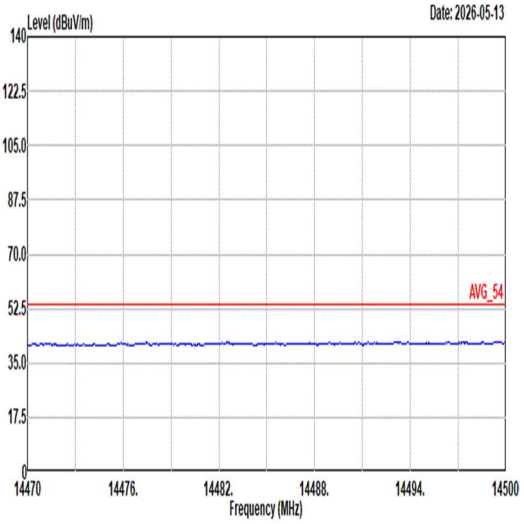
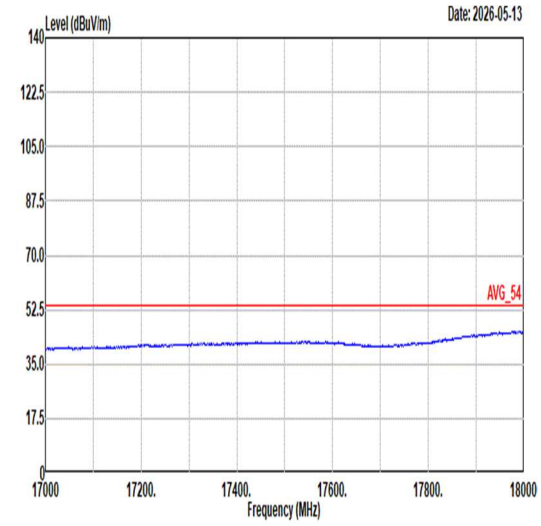
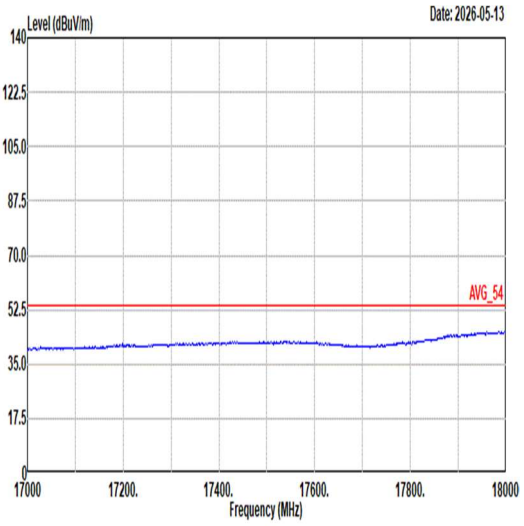
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	Bluetooth BR_FHSS	00	2376.79	53.55	74.00	-20.45	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	42.45	74.00	-31.55	V	Peak	Pass	-	Harmonic
13	Bluetooth BR_FHSS	39	2485.84	54.74	74.00	-19.26	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	44.15	74.00	-29.85	V	Peak	Pass	-	Harmonic
14	Bluetooth BR_FHSS	78	2499.92	54.95	74.00	-19.05	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	78	7440.00	45.36	74.00	-28.64	V	Peak	Pass	-	Harmonic
15	Bluetooth BR_FHSS	00	2310.55	53.52	74.00	-20.48	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	43.46	74.00	-30.54	V	Peak	Pass	-	Harmonic
16	Bluetooth BR_FHSS	39	2494.40	53.95	74.00	-20.05	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	44.10	74.00	-29.90	V	Peak	Pass	-	Harmonic
17	Bluetooth BR_FHSS	78	2483.52	55.56	74.00	-18.44	H	Peak	Pass	-	Band Edge

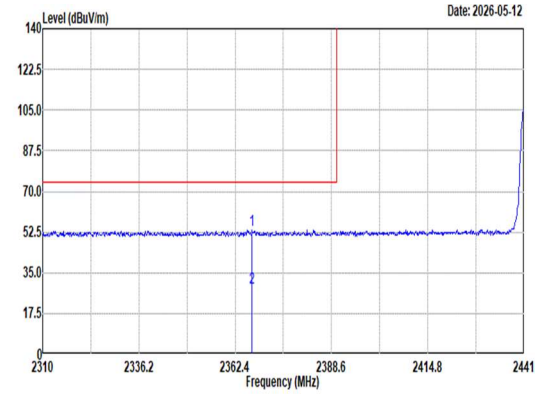
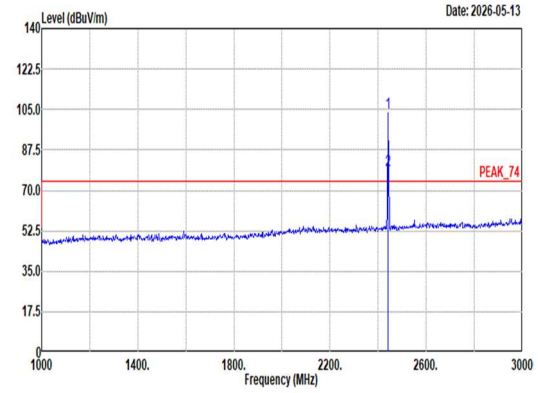
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	Bluetooth BR_FHSS	78	7440.00	43.09	74.00	-30.91	H	Peak	Pass	-	Harmonic
18	Bluetooth BR_FHSS	00	2353.70	53.67	74.00	-20.33	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	00	4804.00	43.23	74.00	-30.77	V	Peak	Pass	-	Harmonic
19	Bluetooth BR_FHSS	39	2484.07	54.45	74.00	-19.55	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	39	7323.00	43.56	74.00	-30.44	H	Peak	Pass	-	Harmonic
20	Bluetooth BR_FHSS	78	2483.56	55.86	74.00	-18.14	H	Peak	Pass	-	Band Edge
	Bluetooth BR_FHSS	78	7440.00	42.92	74.00	-31.08	V	Peak	Pass	-	Harmonic
21	LF	78	41.64	33.54	40.00	-6.46	V	Peak	Pass	-	LF
22	SHF	78	26018.43	43.72	74.00	-30.28	V	Peak	Pass	-	SHF

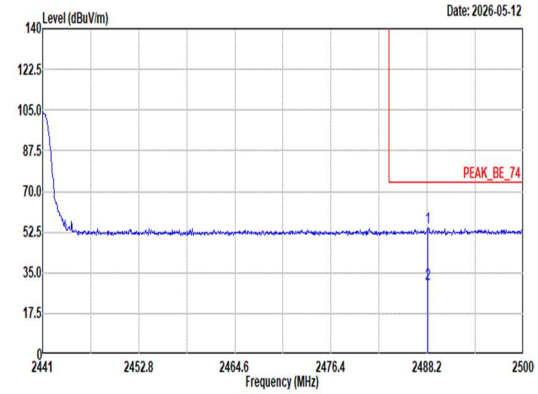
Mode	1	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2351.40 53.99 74.00 -20.01 43.18 27.20 6.59 33.10 10.12 211 157 Peak 2 2351.40 29.20 54.00 -24.80 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2402.00 104.25 ------ ------ 93.21 27.32 6.66 33.06 10.12 211 157 Peak 2 2402.00 79.46 ------ ------ -- -- -- -- -- -- -- Average

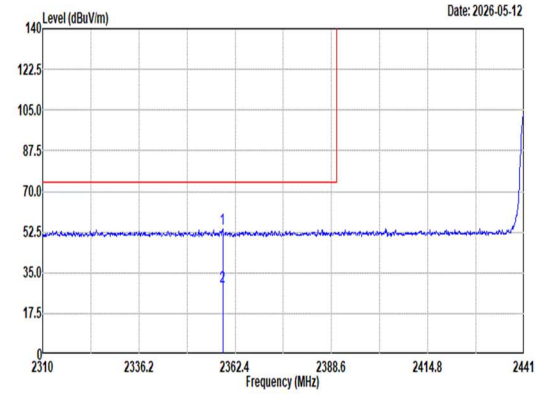
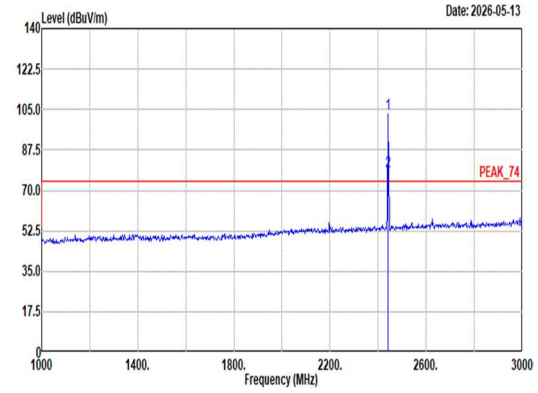
Mode	1	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2373.85 53.19 74.00 -20.81 42.34 27.20 6.62 33.09 10.12 375 197 Peak 2 2373.85 28.40 54.00 -25.60 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2402.00 98.18 ------ ------ 87.14 27.32 6.66 33.06 10.12 375 197 Peak 2 2402.00 73.39 ------ ------ -- -- -- -- -- -- -- Average

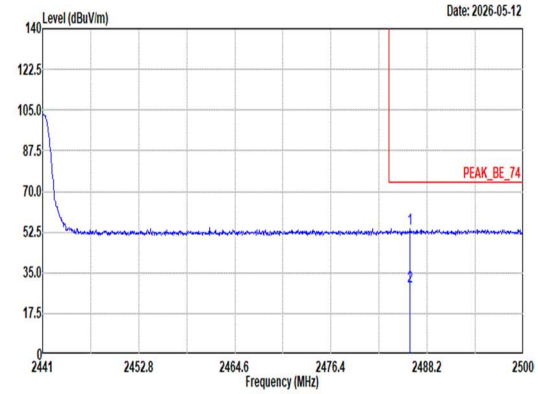
Mode	1	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4804.00 41.85 74.00 -32.15 65.46 32.32 10.29 67.17 0.95 350 273 Peak 2 4804.00 17.06 54.00 -36.94 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4804.00 42.55 74.00 -31.45 66.16 32.32 10.29 67.17 0.95 200 12 Peak 2 4804.00 17.77 54.00 -36.23 -- -- -- -- -- -- -- Average

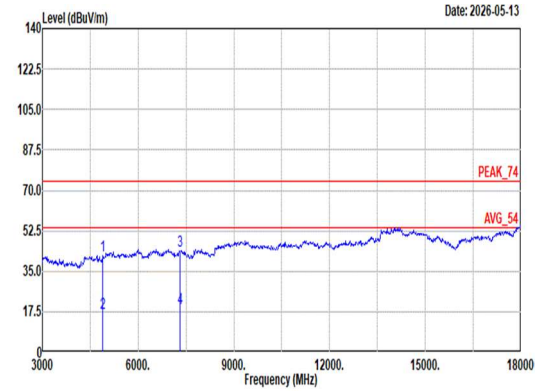
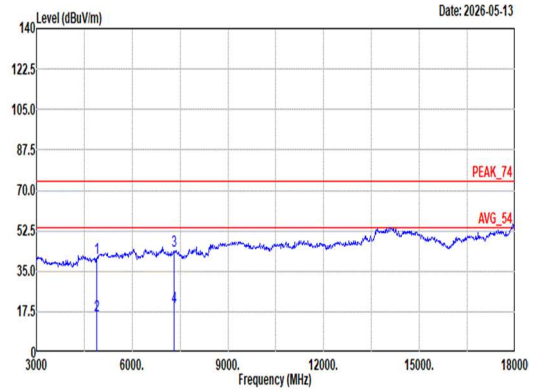
Mode	1	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

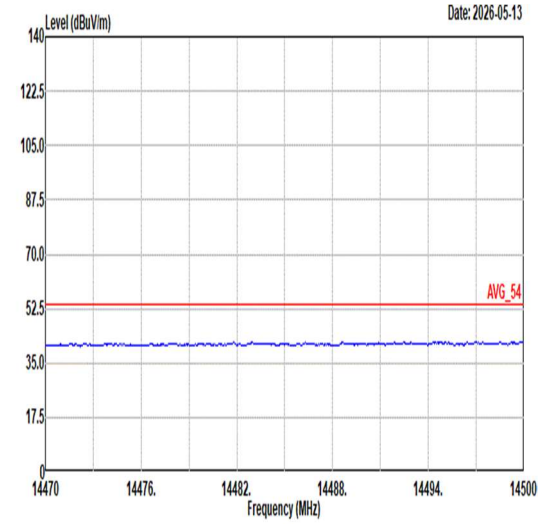
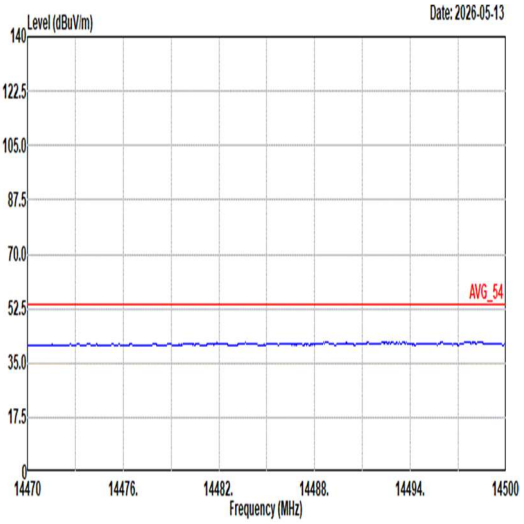
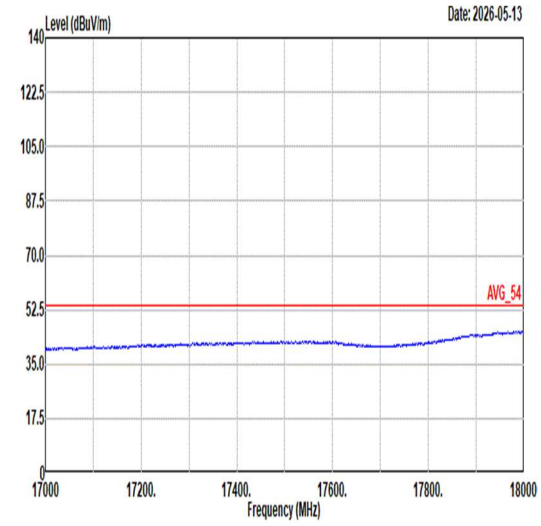
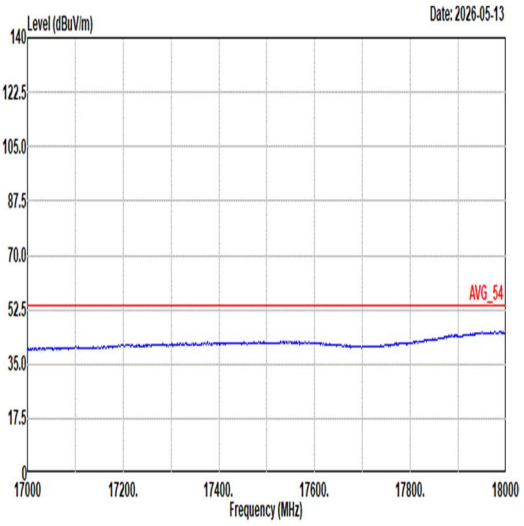
Mode	2	
	Band Edge - L	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2366.99 53.29 74.00 -20.71 42.45 27.20 6.61 33.09 10.12 200 187 Peak 2 2366.99 28.50 54.00 -25.50 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2441.00 103.64 ------ ------ 92.33 27.50 6.72 33.03 10.12 200 187 Peak 2 2441.00 78.85 ------ ------ -- -- -- -- -- -- -- Average

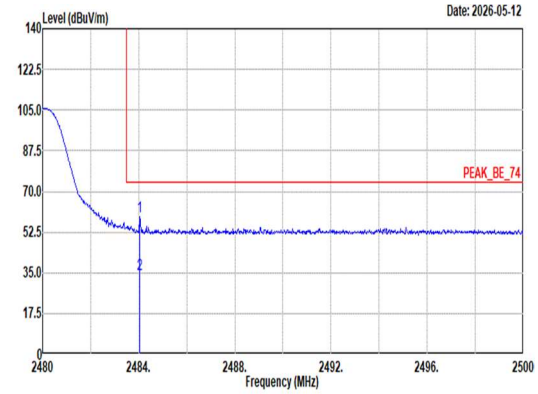
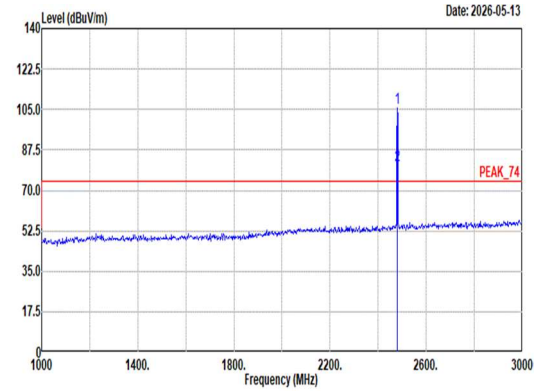
Mode	2	
	Band Edge - R	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2488.32 54.64 74.00 -19.36 42.96 27.77 6.79 33.00 10.12 200 187 Peak 2 2488.32 29.85 54.00 -24.15 -- -- -- -- -- -- -- AVERAGE	Blank

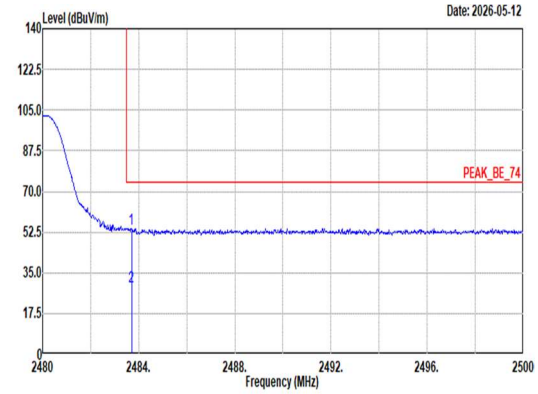
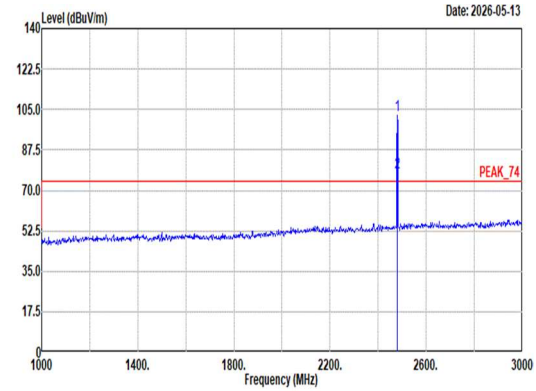
Mode	2	
	Band Edge - L	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2358.99 53.72 74.00 -20.28 42.90 27.20 6.60 33.10 10.12 361 178 Peak 2 2358.99 28.93 54.00 -25.07 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2441.00 103.06 ------ ------ 91.75 27.50 6.72 33.03 10.12 361 178 Peak 2 2441.00 78.27 ------ ------ -- -- -- -- -- -- -- Average

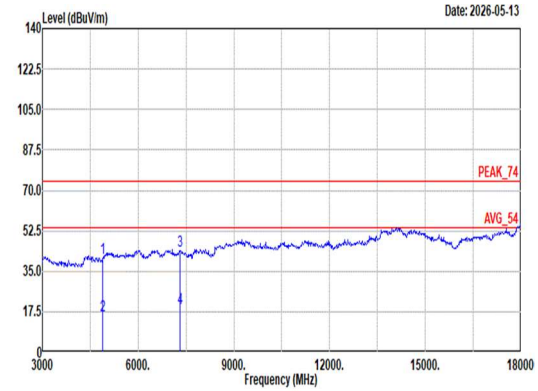
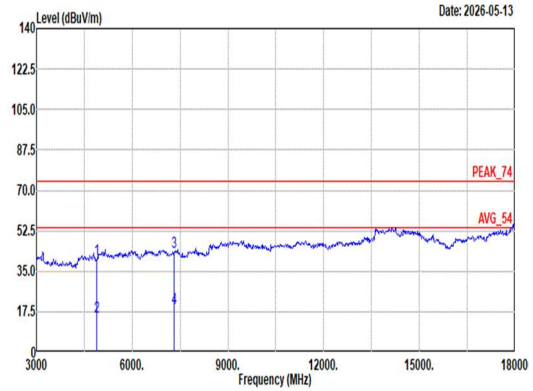
Mode	2	
	Band Edge - R	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2486.08 53.93 74.00 -20.07 42.31 27.72 6.78 33.00 10.12 361 178 Peak 2 2486.08 29.14 54.00 -24.86 -- -- -- -- -- -- -- AVERAGE	Blank

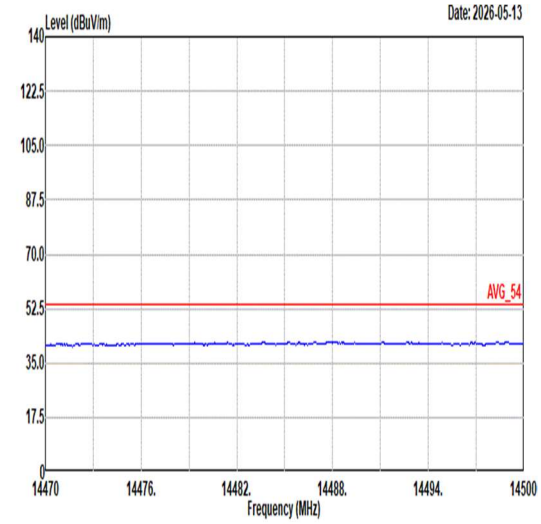
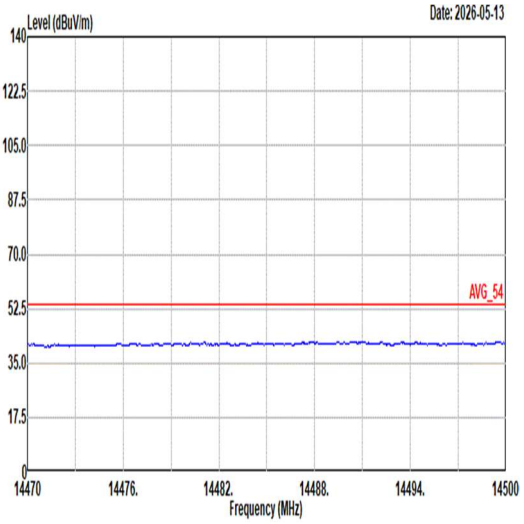
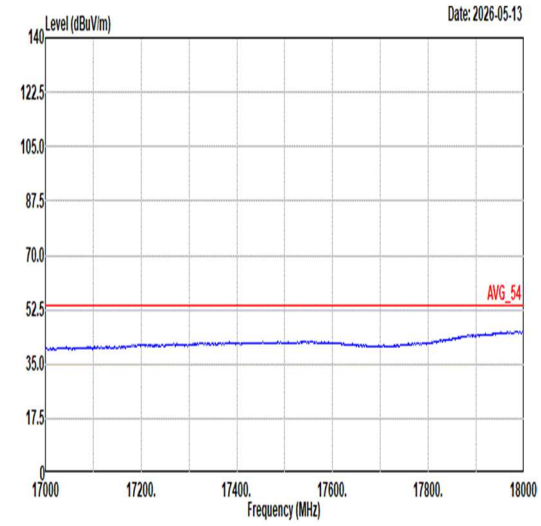
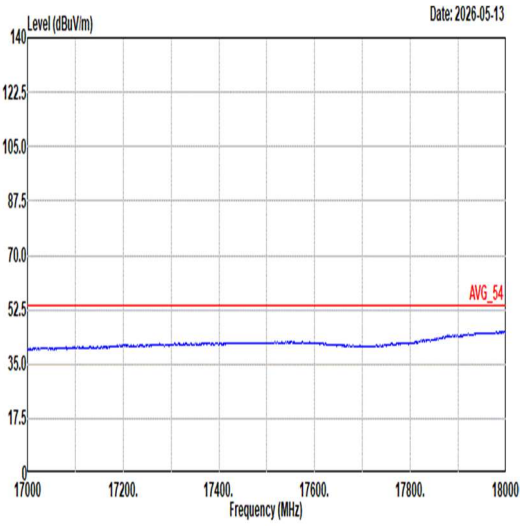
Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 41.65 74.00 -32.35 64.50 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 16.86 54.00 -37.14 -- -- -- -- -- -- -- Average 3 7323.00 43.77 74.00 -30.23 59.09 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 18.98 54.00 -35.02 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 40.68 74.00 -33.32 63.53 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 15.89 54.00 -38.11 -- -- -- -- -- -- -- Average 3 7323.00 44.09 74.00 -29.91 59.41 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 19.30 54.00 -34.70 -- -- -- -- -- -- -- Average

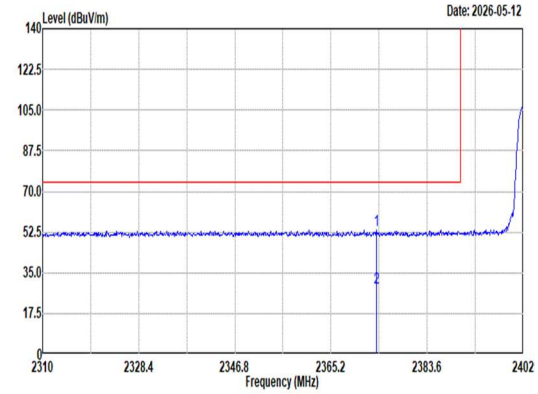
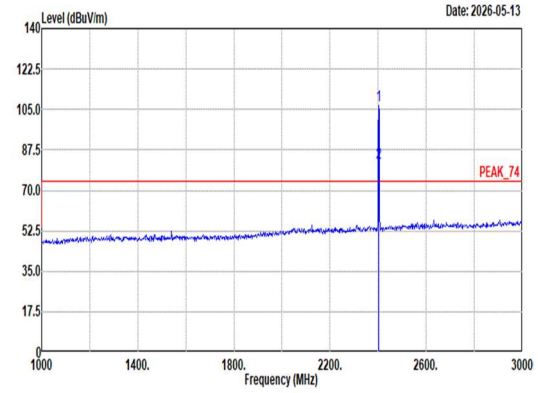
Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

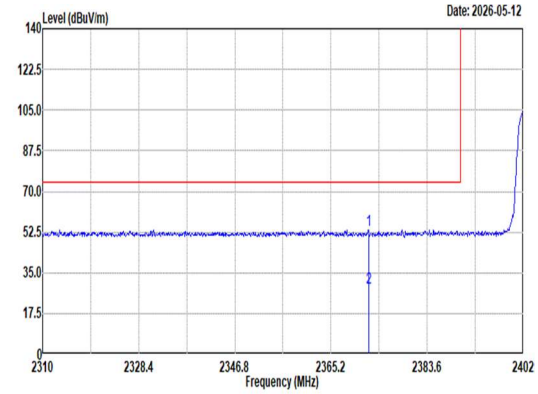
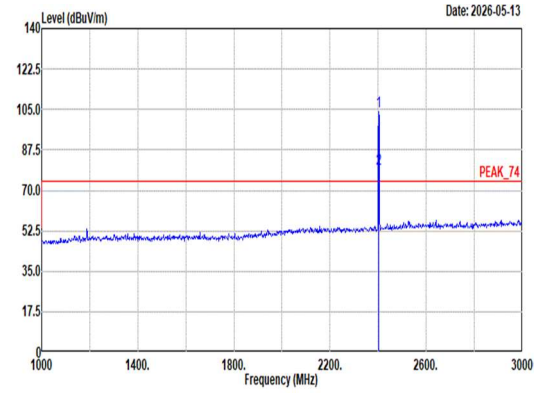
Mode	3	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2484.04 59.03 74.00 -14.97 47.45 27.68 6.78 33.00 10.12 211 183 Peak 2 2484.04 34.24 54.00 -19.76 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2480.00 105.41 ------ ------ 93.92 27.60 6.78 33.01 10.12 211 183 Peak 2 2480.00 80.62 ------ ------ -- -- -- -- -- -- -- Average

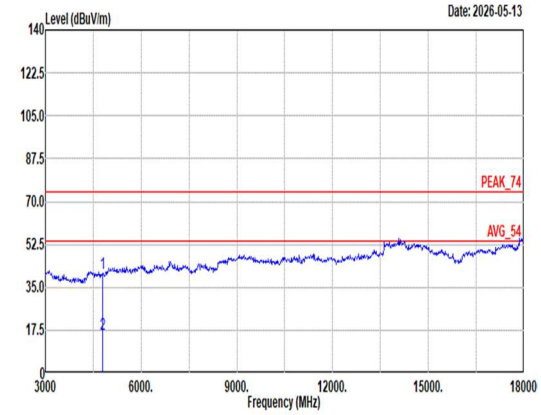
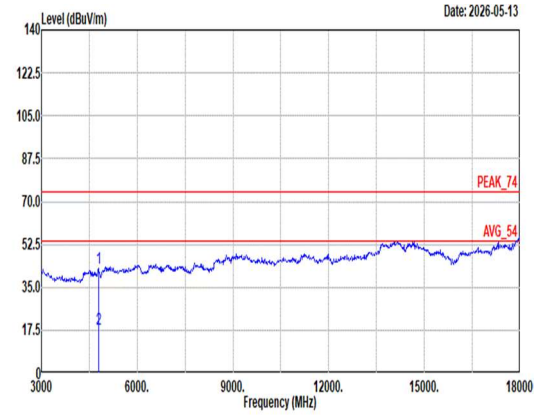
Mode	3	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2483.70 54.01 74.00 -19.99 42.44 27.67 6.78 33.00 10.12 352 179 Peak 2 2483.70 29.22 54.00 -24.78 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2480.00 102.36 ------ ------ 90.87 27.60 6.78 33.01 10.12 352 179 Peak 2 2480.00 77.57 ------ ------ -- -- -- -- -- -- -- Average

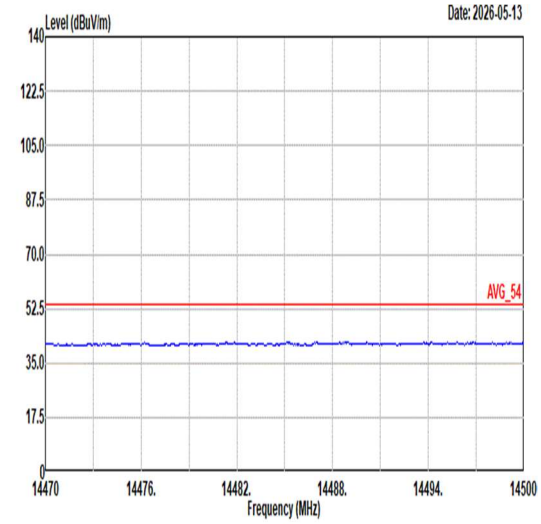
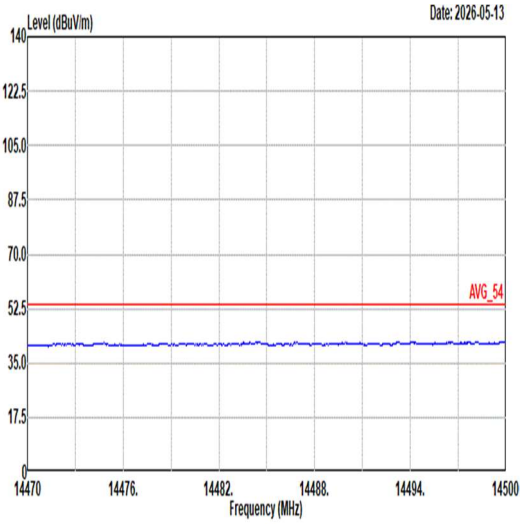
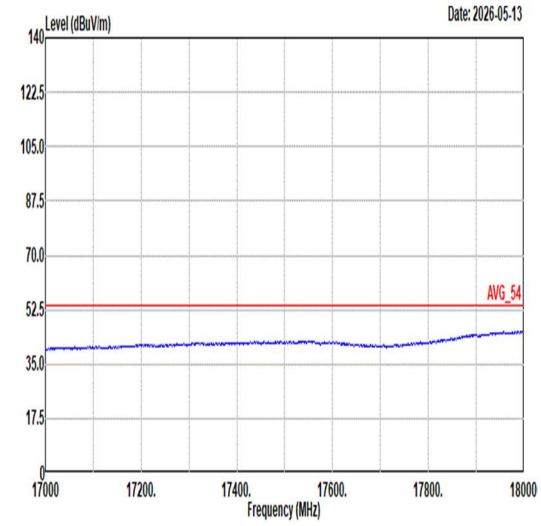
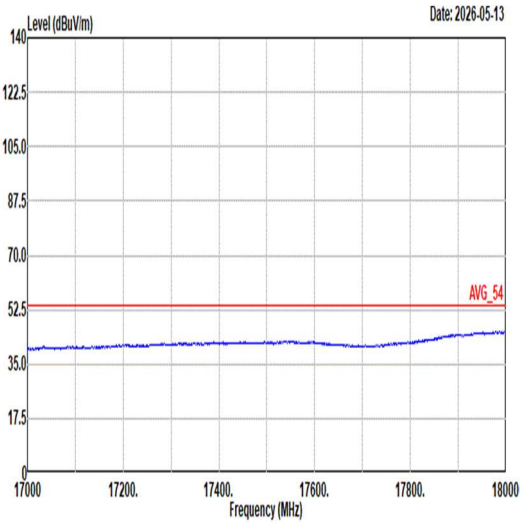
Mode	3	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 40.70 74.00 -33.30 63.55 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 15.91 54.00 -38.09 -- -- -- -- -- -- -- Average 3 7323.00 43.90 74.00 -30.10 59.22 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 19.11 54.00 -34.89 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 40.27 74.00 -33.73 63.12 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 15.48 54.00 -38.52 -- -- -- -- -- -- -- Average 3 7323.00 43.55 74.00 -30.45 58.87 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 18.76 54.00 -35.24 -- -- -- -- -- -- -- Average

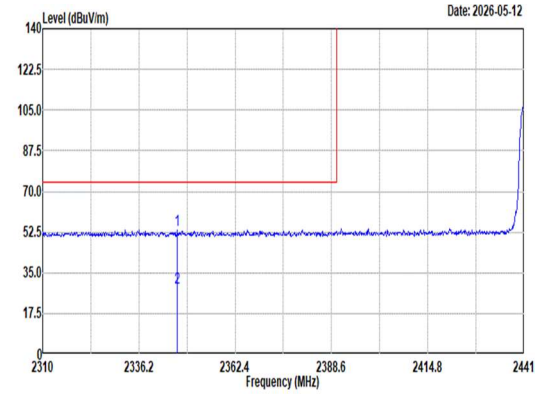
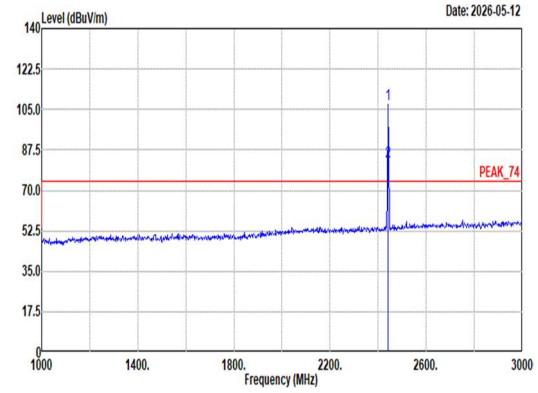
Mode	3	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

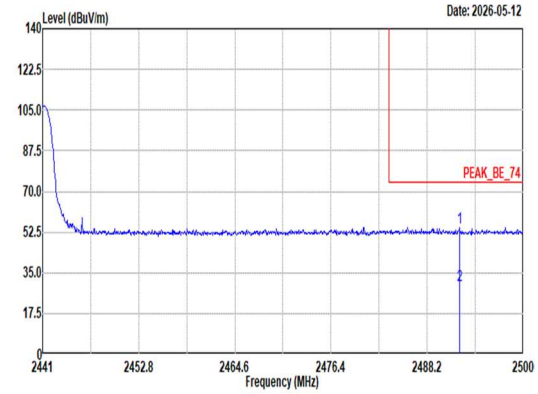
Mode	4	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2373.85 53.48 74.00 -20.52 42.63 27.20 6.62 33.09 10.12 167 155 Peak 2 2373.85 28.69 54.00 -25.31 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2402.00 106.89 ------ ------ 95.85 27.32 6.66 33.06 10.12 167 155 Peak 2 2402.00 82.10 ------ ------ -- -- -- -- -- -- -- Average

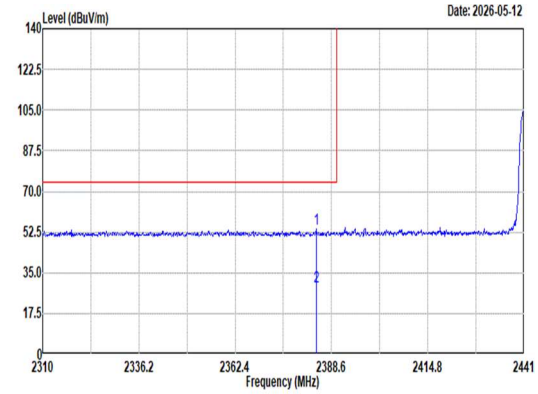
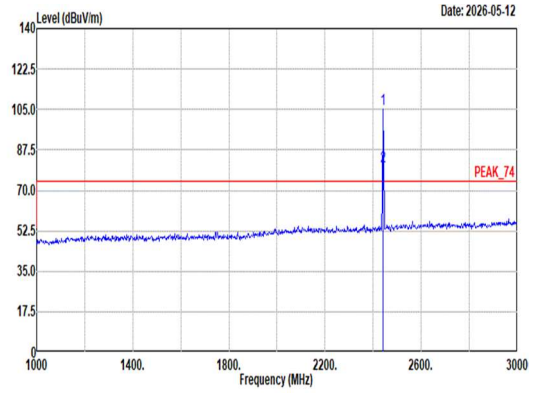
Mode	4	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2372.38 53.31 74.00 -20.69 42.46 27.20 6.62 33.09 10.12 374 176 Peak 2 2372.38 28.52 54.00 -25.48 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2402.00 104.25 ------ ------ 93.21 27.32 6.66 33.06 10.12 374 176 Peak 2 2402.00 79.46 ------ ------ -- -- -- -- -- -- -- Average

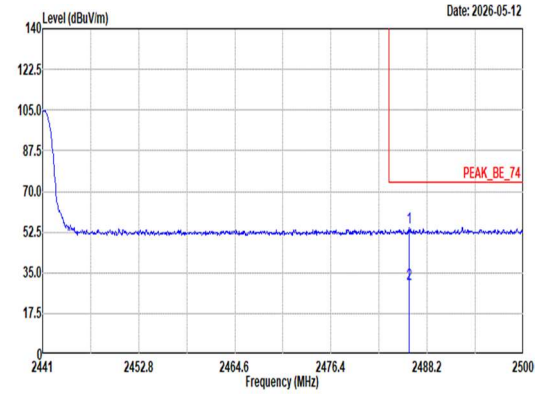
Mode	4	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4804.00 40.76 74.00 -33.24 64.37 32.32 10.29 67.17 0.95 -- -- Peak 2 4804.00 15.97 54.00 -38.03 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4804.00 42.63 74.00 -31.37 66.24 32.32 10.29 67.17 0.95 104 360 Peak 2 4804.00 17.84 54.00 -36.16 -- -- -- -- -- -- -- Average

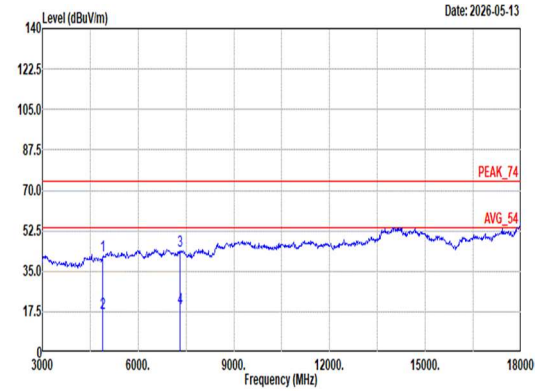
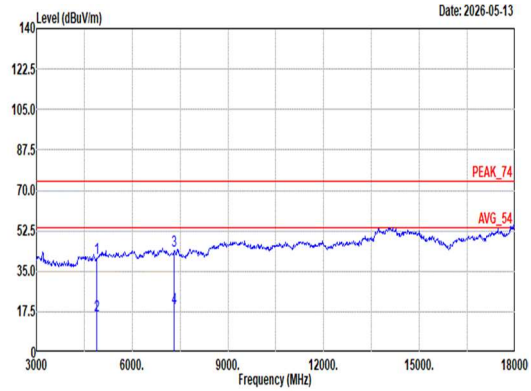
Mode	4	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH00_2402MHz	
ANT	6	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

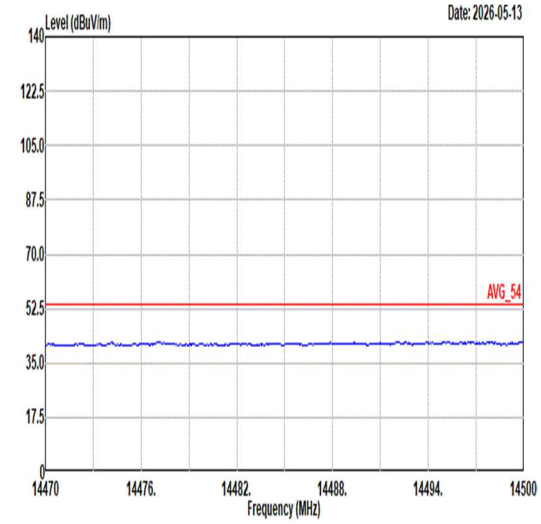
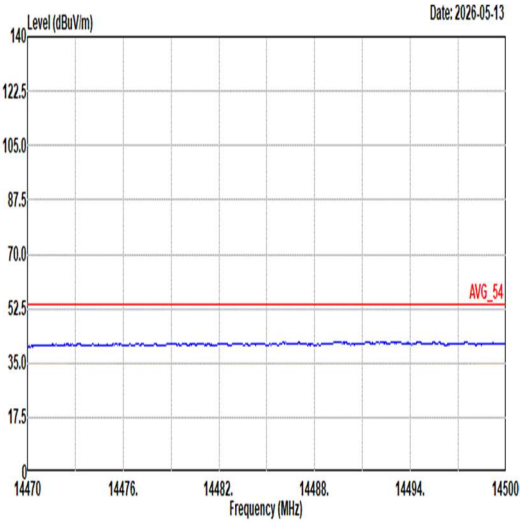
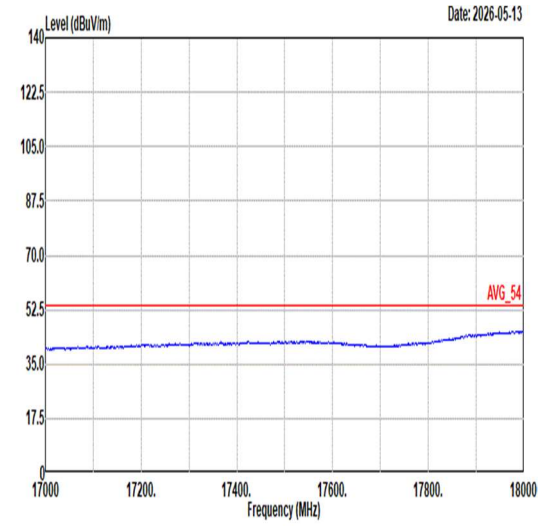
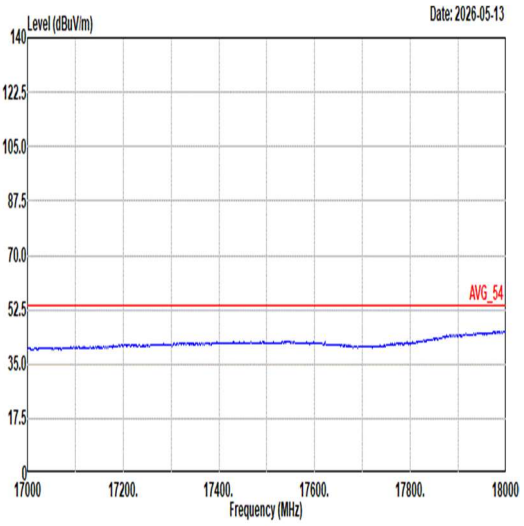
Mode	5	
	Band Edge - L	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2346.68 53.36 74.00 -20.64 42.56 27.20 6.59 33.11 10.12 224 185 Peak 2 2346.68 28.57 54.00 -25.43 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2441.00 107.46 ------ ------ 96.15 27.50 6.72 33.03 10.12 224 185 Peak 2 2441.00 82.67 ------ ------ -- -- -- -- -- -- -- Average

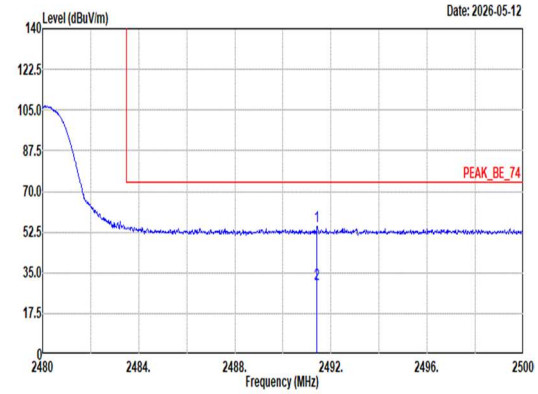
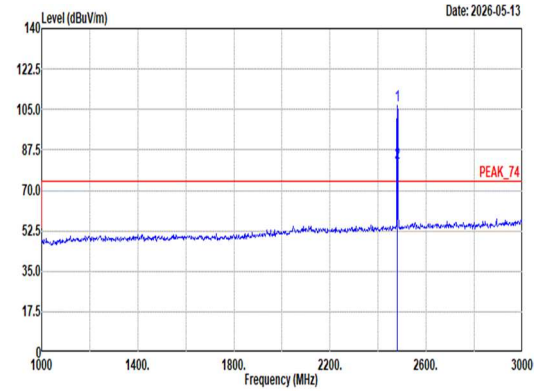
Mode	5	
	Band Edge - R	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2492.21 54.42 74.00 -19.58 42.71 27.80 6.79 33.00 10.12 224 185 Peak 2 2492.21 29.63 54.00 -24.37 -- -- -- -- -- -- -- AVERAGE	Blank

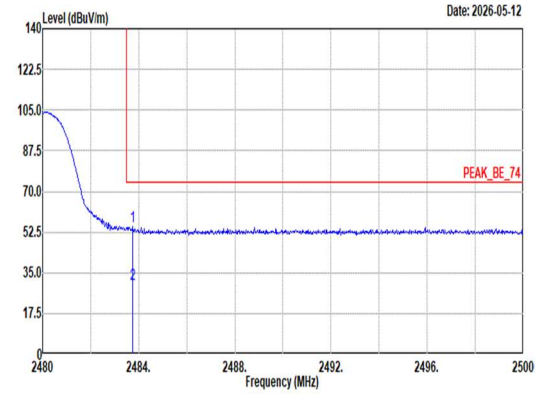
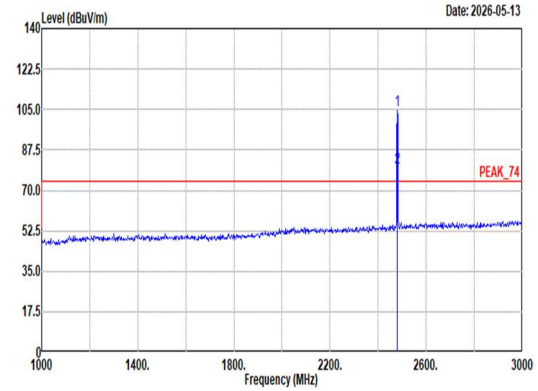
Mode	5	
	Band Edge - L	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2384.41 53.68 74.00 -20.32 42.76 27.24 6.64 33.08 10.12 363 176 Peak 2 2384.41 28.89 54.00 -25.11 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2441.00 105.29 ------ ------ 93.98 27.50 6.72 33.03 10.12 363 176 Peak 2 2441.00 80.50 ------ ------ -- -- -- -- -- -- -- Average

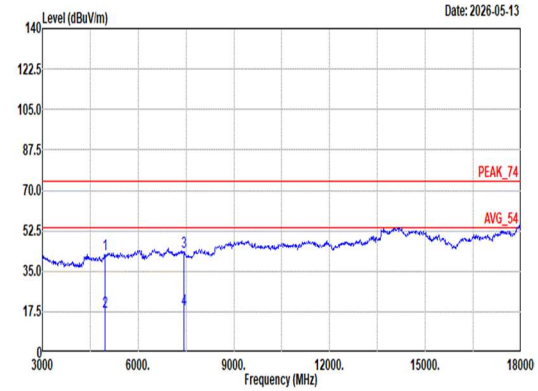
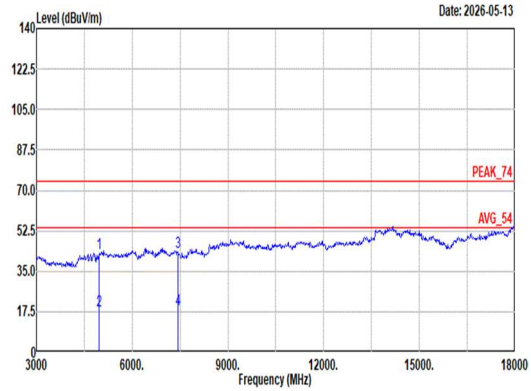
Mode	5	
	Band Edge - R	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2486.02 54.65 74.00 -19.35 43.03 27.72 6.78 33.00 10.12 363 176 Peak 2 2486.02 29.86 54.00 -24.14 -- -- -- -- -- -- -- AVERAGE	Blank

Mode	5	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 41.68 74.00 -32.32 64.53 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 16.89 54.00 -37.11 -- -- -- -- -- -- -- Average 3 7323.00 44.04 74.00 -29.96 59.36 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 19.25 54.00 -34.75 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4882.00 40.85 74.00 -33.15 63.70 32.63 10.68 67.11 0.95 -- -- Peak 2 4882.00 16.06 54.00 -37.94 -- -- -- -- -- -- -- Average 3 7323.00 43.88 74.00 -30.12 59.20 36.81 13.78 66.10 0.19 -- -- Peak 4 7323.00 19.09 54.00 -34.91 -- -- -- -- -- -- -- Average

Mode	5	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH39_2441MHz	
ANT	6	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

Mode	6	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2491.42 54.82 74.00 -19.18 43.11 27.80 6.79 33.00 10.12 167 184 Peak 2 2491.42 30.03 54.00 -23.97 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2480.00 106.88 ------ ------ 95.39 27.60 6.78 33.01 10.12 167 184 Peak 2 2480.00 82.09 ------ ------ -- -- -- -- -- -- -- Average

Mode	6	
	Band Edge	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2483.74 55.16 74.00 -18.84 43.59 27.67 6.78 33.00 10.12 349 179 Peak 2 2483.74 30.37 54.00 -23.63 -- -- -- -- -- -- -- AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2480.00 104.71 ------ ------ 93.22 27.60 6.78 33.01 10.12 349 179 Peak 2 2480.00 79.92 ------ ------ -- -- -- -- -- -- -- Average

Mode	6	
	Harmonic	
	2400-2483.5_Bluetooth BR_FHSS_CH78_2480MHz	
ANT	6	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4960.00 42.11 74.00 -31.89 64.20 32.94 11.06 67.05 0.96 -- -- Peak 2 4960.00 17.32 54.00 -36.68 -- -- -- -- -- -- -- Average 3 7440.00 43.26 74.00 -30.74 59.10 36.30 13.87 66.19 0.18 -- -- Peak 4 7440.00 18.48 54.00 -35.52 -- -- -- -- -- -- -- Average	 Site : 03CH11-HY Condition: PEAK_74 3m 9120D_01620_250915 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4960.00 42.62 74.00 -31.38 64.71 32.94 11.06 67.05 0.96 -- -- Peak 2 4960.00 17.83 54.00 -36.17 -- -- -- -- -- -- -- Average 3 7440.00 43.51 74.00 -30.49 59.35 36.30 13.87 66.19 0.18 -- -- Peak 4 7440.00 18.72 54.00 -35.28 -- -- -- -- -- -- -- Average