

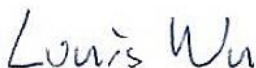


FCC CO-LOCATION RADIO TEST REPORT

FCC ID : TVE-241001
Equipment : Network Security Gateway
Brand Name : FORTINET 
Model Name : FortiWiFi 70G-POExxxxxxxxxxx,
FORTIWIFI-70G-POExxxxxxxxxxx, FWF-70G-POExxxxxxxxxxx,
FortiWiFi 71G-POExxxxxxxxxxx,
FORTIWIFI-71G-POExxxxxxxxxxx, FWF-71G-POExxxxxxxxxxx
(where "x" can be used as "0-9", or "A-Z", or "-", or blank for
software changes or marketing purposes only)
Applicant : Fortinet Inc.
909 Kifer Rd., Sunnyvale, CA 94086, United States
Manufacturer : Fortinet Inc.
909 Kifer Rd., Sunnyvale, CA 94086, United States
Standard : FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart E §15.407

The product was received on Feb. 12, 2025 and testing was performed from Jan. 18, 2025 to Feb. 22, 2025. 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.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR4N1307E	01	Initial issue of report	Mar. 04, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(d) 15.407(b)	Unwanted Emissions	Pass	-
3.2	15.203	Antenna Requirement	Pass	-

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: Yun Huang

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ax and Wi-Fi 5GHz 802.11a/n/ac/ax.		
Antenna Type Bluetooth-LE: Monopole Antenna WLAN: <Ant. 1>: Dipole Antenna <Ant. 2>: Dipole Antenna <Ant. 3>: Dipole Antenna		
Antenna information		
2400 MHz ~ 2483.5 MHz (For Bluetooth-LE)	Peak Gain (dBi)	1.53
2400 MHz ~ 2483.5 MHz (For WLAN)	Peak Gain (dBi)	<Ant. 1>: 3.24 <Ant. 2>: 3.24 <Ant. 3>: 3.24
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	<Ant. 1>: 1.58 <Ant. 2>: 1.58 <Ant. 3>: 1.58

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. Antenna 3 is used for receiving only.

Model differences description		
Model Feature	FWF-71G-POE	FWF-70G-POE
M.2 SSD	V	X

Remark: All the tests were performed with Model: FWF-71G-POE.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH11-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

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.

2 Test Configuration of Equipment Under Test

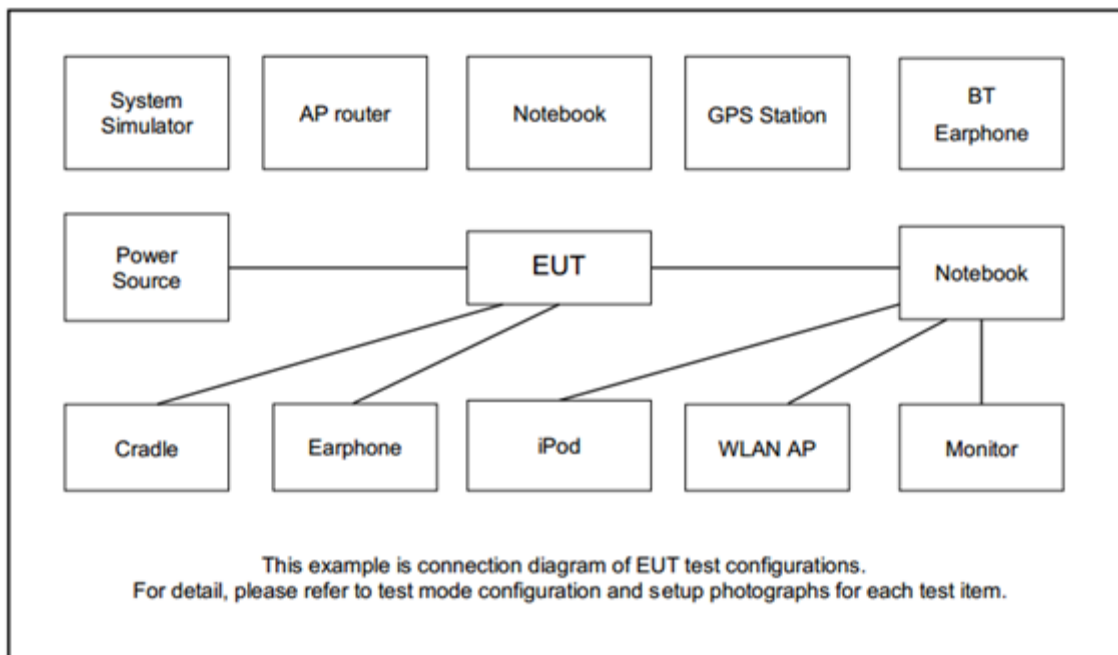
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever 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 two degree (Degree 0 or Degree 90), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

2400-2483.5 MHz				5725-5850 MHz	
Bluetooth - LE		802.11n HT40		802.11ac VHT40	
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
39	2480	06	2437	159	5795

Remark: The detailed Radiated test modes are shown in Appendix A.

2.2 Connection Diagram of Test System





2.3 EUT Operation Test Setup

For Bluetooth-LE function, the RF test items, utility “Tera Term v 4.83” 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.

For WLAN function, the RF test items, utility “QATool v 0.0.2.78” 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.

3 Test Result

3.1 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.1.1 Limit of Unwanted Emissions

- (1) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

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

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \quad \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

- (2) KDB789033 D02 v02r01 G)2)c)

- (i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.
- (ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.1.2 Measuring Instruments

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



3.1.3 Test Procedures

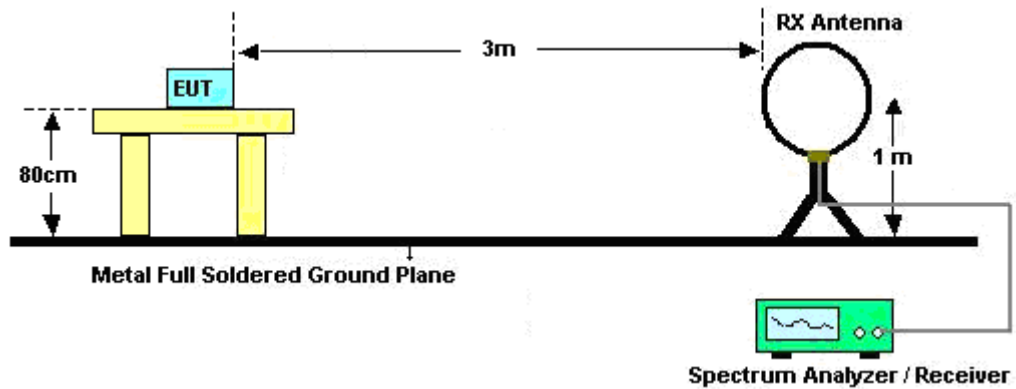
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. 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 "-".

7. 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.

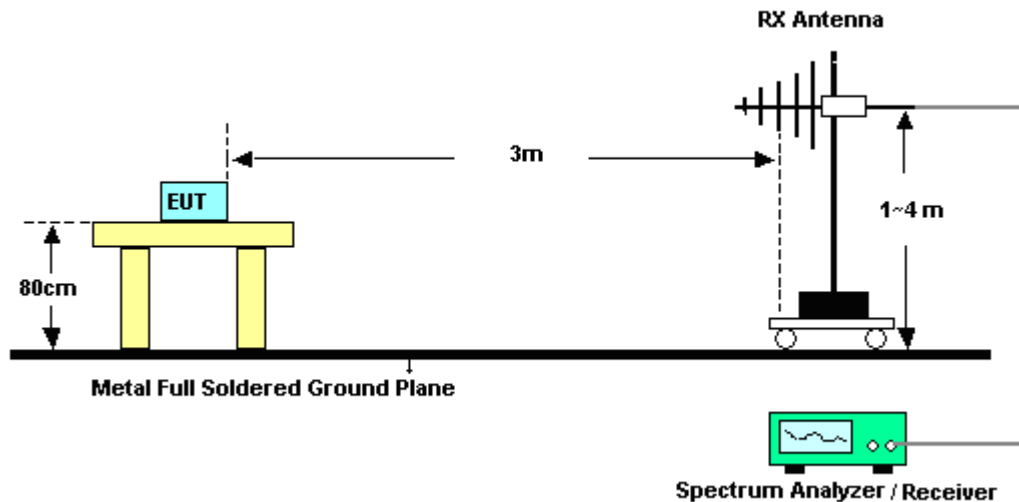
When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.1.4 Test Setup

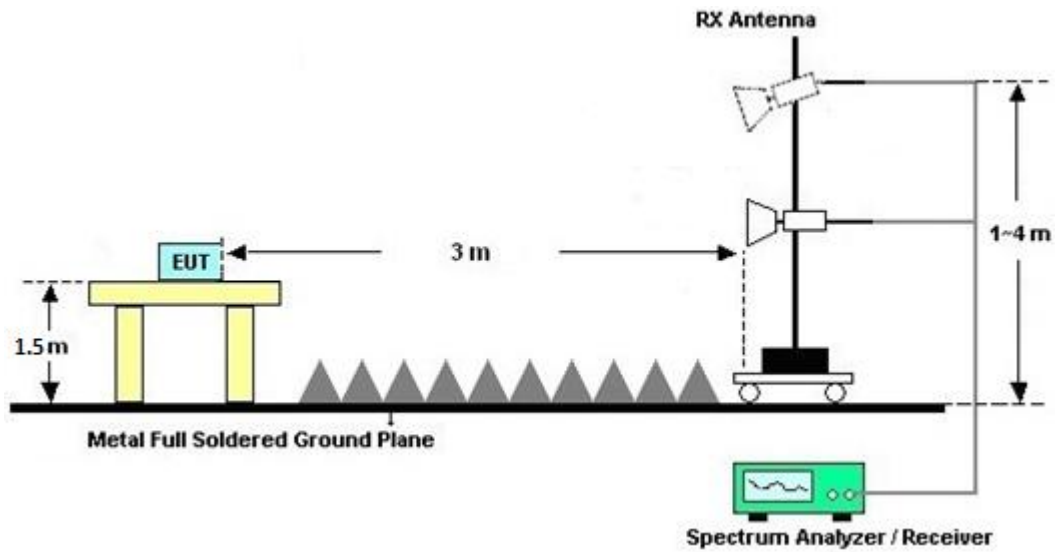
For radiated emissions below 30MHz



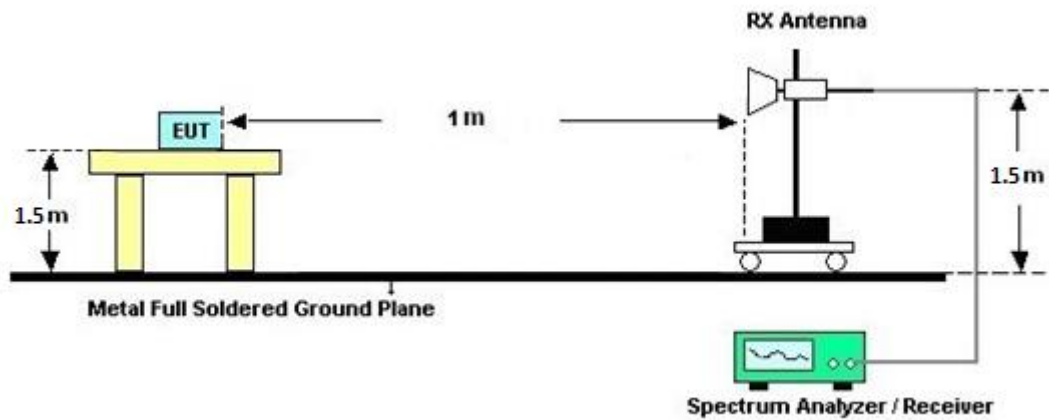
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



**3.1.5 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 came out very similar.

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A.

3.1.7 Duty Cycle

Please refer to Appendix B.

3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A.



3.2 Antenna Requirements

3.2.1 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.

3.2.2 Antenna Anti-Replacement Construction

Professional installation.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Dec. 17, 2024	Jan. 18, 2025~ Feb. 22, 2025	Dec. 16, 2025	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Jan. 18, 2025~ Feb. 22, 2025	Aug. 28, 2025	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 28, 2024	Jan. 18, 2025~ Feb. 22, 2025	Aug. 27, 2025	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Jan. 18, 2025~ Feb. 22, 2025	Jun. 23, 2025	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 07, 2024	Jan. 18, 2025~ Feb. 22, 2025	Dec. 06, 2025	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 25, 2024	Jan. 18, 2025~ Feb. 22, 2025	Mar. 24, 2025	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005 5007	1GHz~18GHz	Jun. 13, 2024	Jan. 18, 2025~ Feb. 22, 2025	Jun. 12, 2025	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2024	Jan. 18, 2025~ Feb. 22, 2025	Dec. 01, 2025	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 14, 2024	Jan. 18, 2025~ Feb. 22, 2025	Oct. 13, 2025	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 19, 2024	Jan. 18, 2025~ Feb. 22, 2025	Jul. 18, 2025	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 18, 2025~ Feb. 22, 2025	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jan. 18, 2025~ Feb. 22, 2025	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jan. 18, 2025~ Feb. 22, 2025	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jan. 18, 2025~ Feb. 22, 2025	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200722	N/A	Mar. 13, 2024	Jan. 18, 2025~ Feb. 22, 2025	Mar. 12, 2025	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 29, 2024	Jan. 18, 2025~ Feb. 22, 2025	Aug. 28, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	May 23, 2024	Jan. 18, 2025~ Feb. 22, 2025	May 22, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 06, 2024	Jan. 18, 2025~ Feb. 22, 2025	Mar. 05, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Jan. 18, 2025~ Feb. 22, 2025	Mar. 05, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 06, 2024	Jan. 18, 2025~ Feb. 22, 2025	Mar. 05, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 10, 2024	Jan. 18, 2025~ Feb. 22, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 10, 2024	Jan. 18, 2025~ Feb. 22, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 10, 2024	Jan. 18, 2025~ Feb. 22, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Attenuator	HONOVA	5910 SMA-50-005	0028	N/A	Sep. 10, 2024	Jan. 18, 2025~ Feb. 22, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WLK10-4630-5093-11000-40SS	SN1	4.5GHz Low Pass Filter	Sep. 10, 2024	Jan. 18, 2025~ Feb. 22, 2025	Sep. 09, 2025	Radiation (03CH11-HY)



5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
--	--------



Appendix A. Radiated Spurious Emission Test Data

Test Engineer :	Keven Hsu and Fu Chen	Temperature :	19.1~20.9°C
		Relative Humidity :	50.2~65.8%

Note symbol

-L	Low channel location
-R	High channel location

A1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	0	Bluetooth-LE_GSKF	39	2480	125Kbps	-	-
	2400-2483.5	1+2	802.11n HT40	06	2437	MCS0	-	-
Mode 2	2400-2483.5	0	Bluetooth-LE_GSKF	39	2480	125Kbps	-	-
	5725-5850	1+2	802.11ac VHT40	159	5795	MCS0	-	-

A2. 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-LE_GSKF + 802.11n HT40	39	2484.52	47.85	54.00	-6.15	V	Avg.	Pass	-	Band Edge
			2389.88	49.43	54.00	-4.57	V	Avg.	Pass	-	Band Edge
		06	7440.00	49.36	54.00	-4.64	H	Avg.	Pass	-	Harmonic
			24787.29	40.25	74.00	-33.75	V	Peak	Pass	-	SHF
			38.05	35.60	40.00	-4.40	V	QP	Pass	-	LF
2	Bluetooth-LE_GSKF + 802.11ac VHT40	39	2483.52	43.97	54.00	-10.03	H	Avg.	Pass	-	Band Edge
			5926.29	59.41	68.20	-8.79	H	Peak	Pass	-	Band Edge
		159	7440.00	53.94	54.00	-4.96	H	Avg.	Pass	-	Harmonic
			39511.41	49.18	54.00	-4.82	V	Avg.	Pass	-	SHF
			47.46	36.14	40.00	-3.86	V	Qp	Pass	-	LF

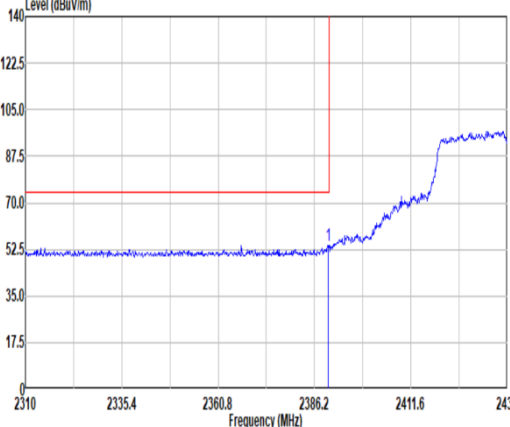
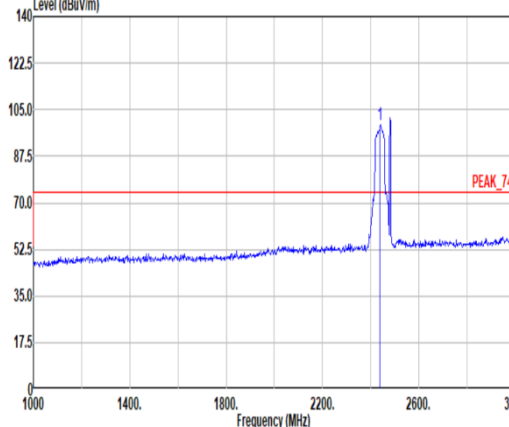
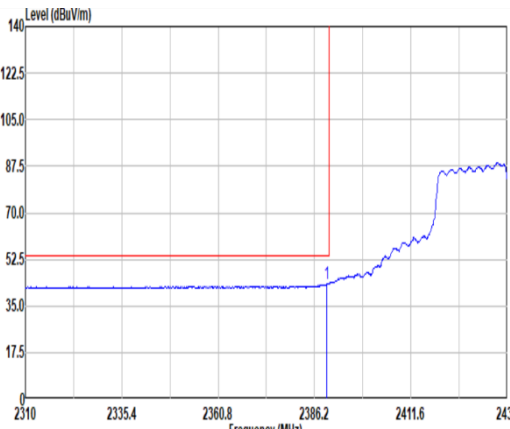
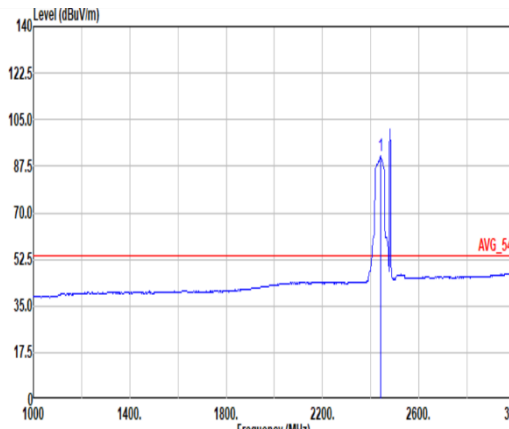


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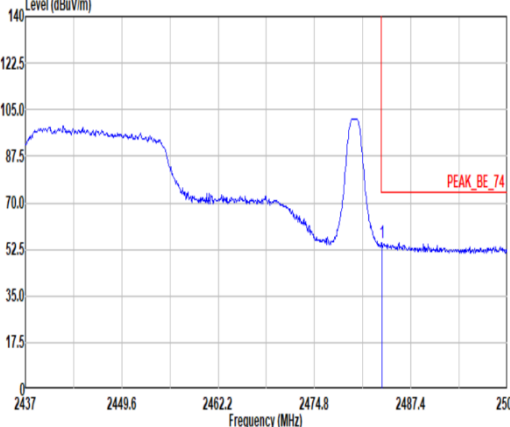
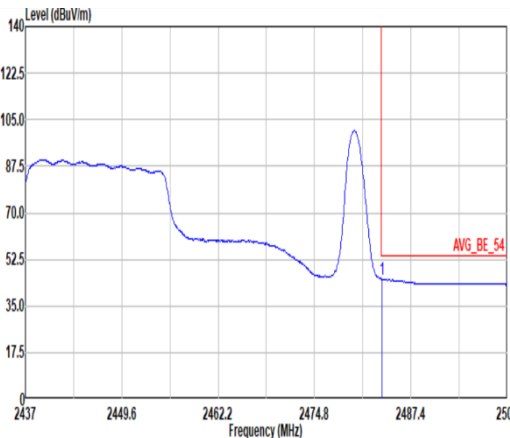


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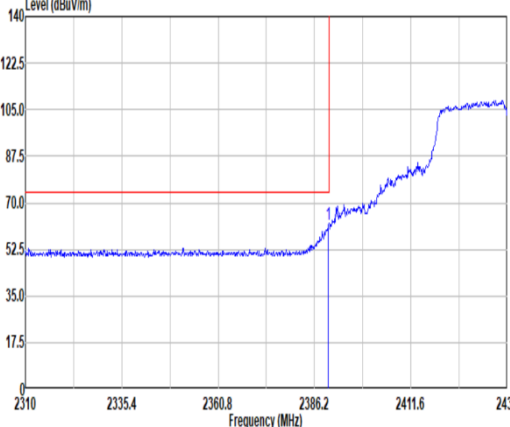
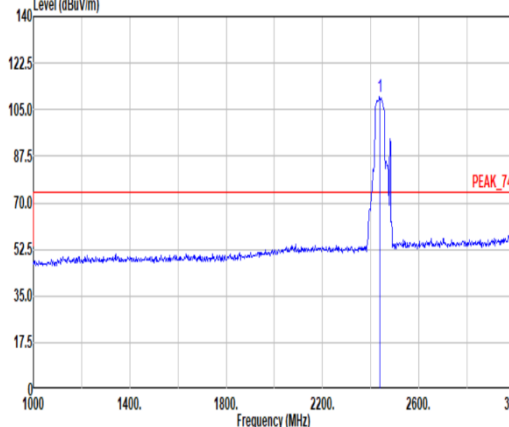
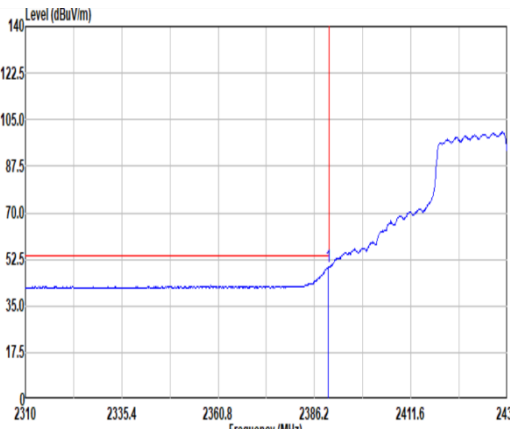
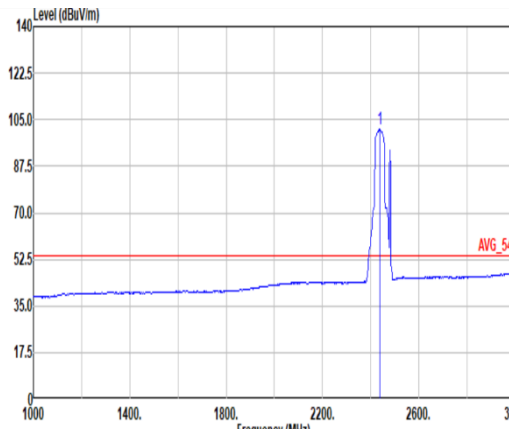


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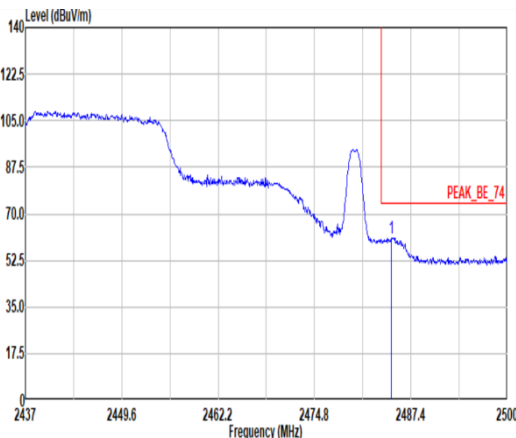
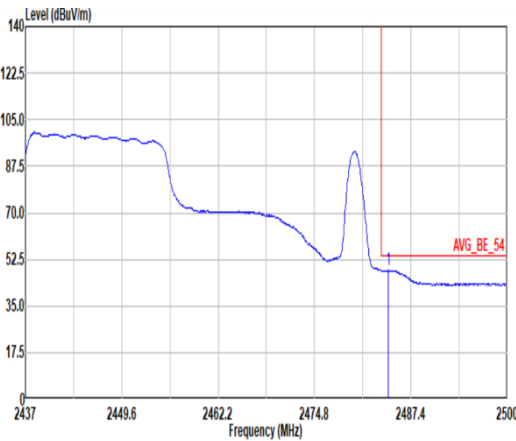


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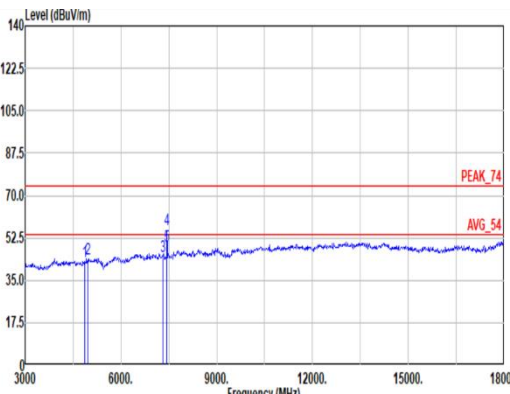
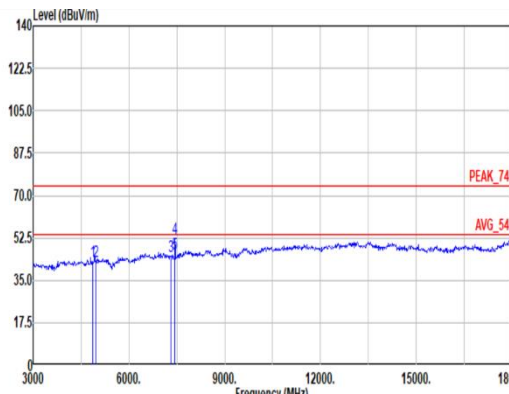


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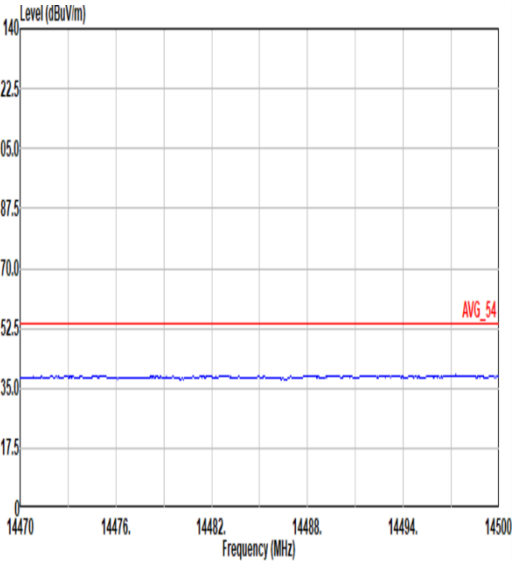
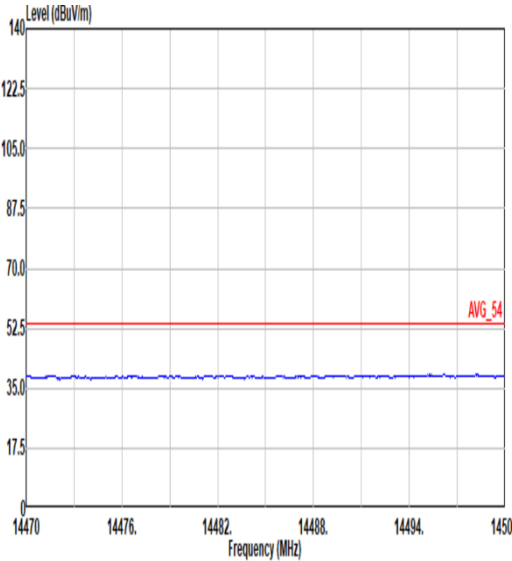
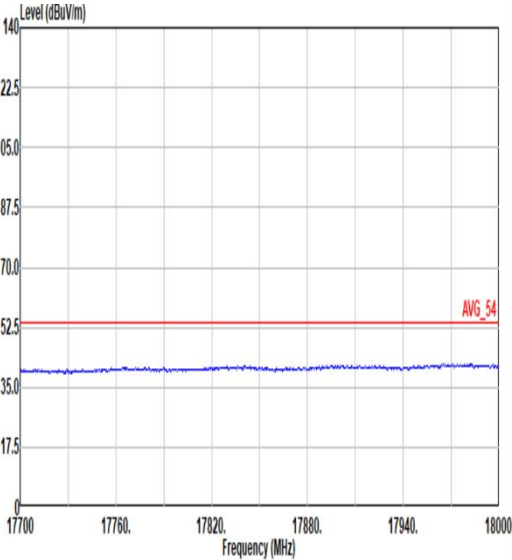
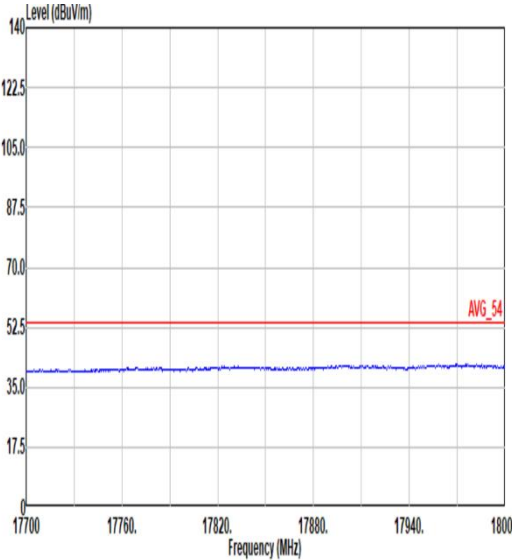


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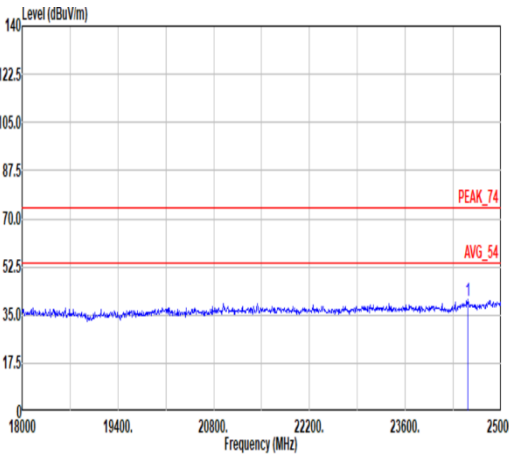
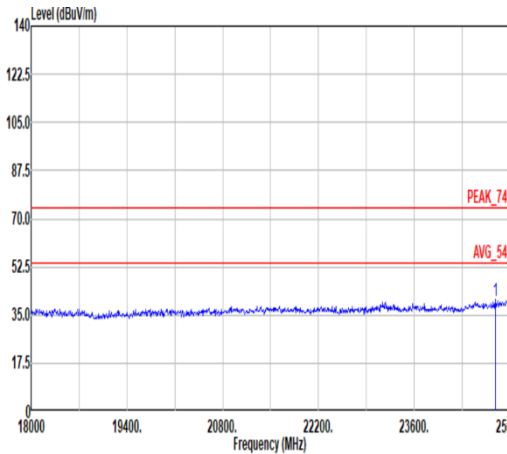


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Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_240828 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4874.00</td><td>42.93</td><td>74.00</td><td>-31.07</td><td>56.83</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.53</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>4960.00</td><td>43.82</td><td>74.00</td><td>-30.18</td><td>57.28</td><td>33.02</td><td>11.59</td><td>58.64</td><td>0.57</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>3</td><td>7311.00</td><td>45.15</td><td>74.00</td><td>-28.85</td><td>52.46</td><td>36.78</td><td>14.58</td><td>58.99</td><td>0.32</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>4</td><td>7440.00</td><td>55.90</td><td>74.00</td><td>-18.10</td><td>63.52</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.32</td><td>125</td><td>110</td><td>PEAK</td></tr><tr><td>5</td><td>7440.00</td><td>49.36</td><td>54.00</td><td>-4.64</td><td>56.98</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.32</td><td>125</td><td>110</td><td>AVERAGE</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4874.00	42.93	74.00	-31.07	56.83	32.70	11.45	58.58	0.53	--	--	PEAK	2	4960.00	43.82	74.00	-30.18	57.28	33.02	11.59	58.64	0.57	--	--	PEAK	3	7311.00	45.15	74.00	-28.85	52.46	36.78	14.58	58.99	0.32	--	--	PEAK	4	7440.00	55.90	74.00	-18.10	63.52	36.24	14.72	58.90	0.32	125	110	PEAK	5	7440.00	49.36	54.00	-4.64	56.98	36.24	14.72	58.90	0.32	125	110	AVERAGE	 Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_240828 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4874.00</td><td>43.00</td><td>74.00</td><td>-31.00</td><td>56.90</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.53</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>4960.00</td><td>43.05</td><td>74.00</td><td>-30.95</td><td>56.51</td><td>33.02</td><td>11.59</td><td>58.64</td><td>0.57</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>3</td><td>7311.00</td><td>44.90</td><td>74.00</td><td>-29.10</td><td>52.21</td><td>36.78</td><td>14.58</td><td>58.99</td><td>0.32</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>4</td><td>7440.00</td><td>52.47</td><td>74.00</td><td>-21.53</td><td>60.09</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.32</td><td>400</td><td>166</td><td>PEAK</td></tr><tr><td>5</td><td>7440.00</td><td>45.96</td><td>54.00</td><td>-8.04</td><td>53.58</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.32</td><td>400</td><td>166</td><td>AVERAGE</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4874.00	43.00	74.00	-31.00	56.90	32.70	11.45	58.58	0.53	--	--	PEAK	2	4960.00	43.05	74.00	-30.95	56.51	33.02	11.59	58.64	0.57	--	--	PEAK	3	7311.00	44.90	74.00	-29.10	52.21	36.78	14.58	58.99	0.32	--	--	PEAK	4	7440.00	52.47	74.00	-21.53	60.09	36.24	14.72	58.90	0.32	400	166	PEAK	5	7440.00	45.96	54.00	-8.04	53.58	36.24	14.72	58.90	0.32	400	166	AVERAGE
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																																																																																									
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Mode	1	
	Harmonic	
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL

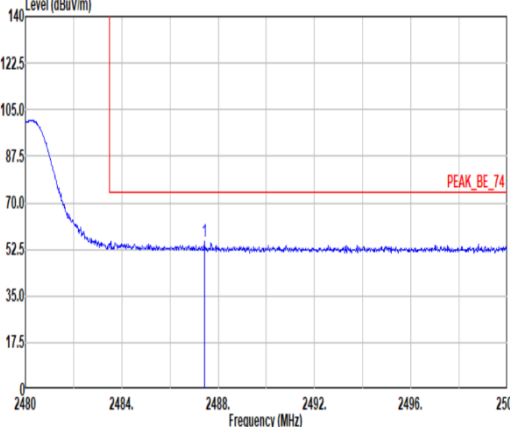
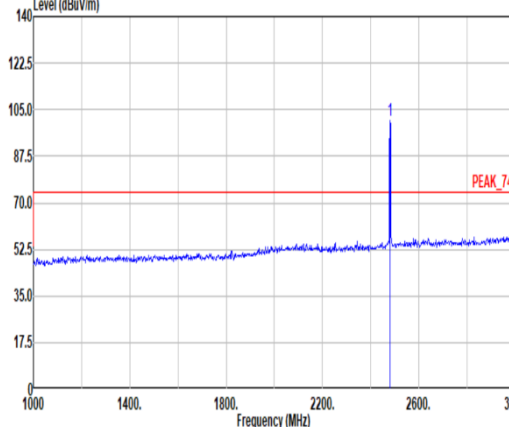
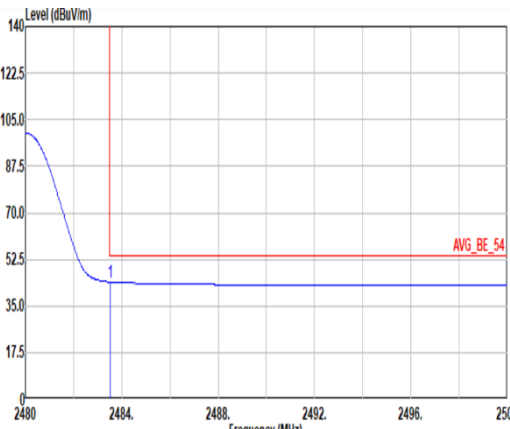
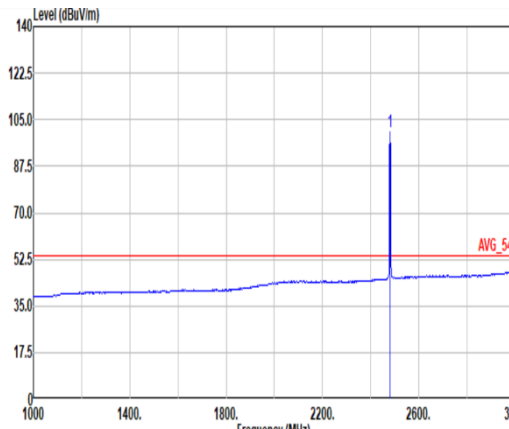


Mode	1																																																																														
	SHF																																																																														
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz																																																																														
ANT	2400-2483.5_802.11n HT40_CH06_2437MHz																																																																														
Pol.	Horizontal						Vertical																																																																								
Peak Avg	 Site : 03CH11-HY Condition: PEAK_74 1m SHF_1224_240624 HORIZONTAL <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>24509.99</td><td>40.04</td><td>74.00</td><td>-33.96</td><td>35.47</td><td>39.30</td><td>27.71</td><td>52.90</td><td>-9.54</td><td>--</td><td>PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	cm	deg	1	24509.99	40.04	74.00	-33.96	35.47	39.30	27.71	52.90	-9.54	--	PEAK	 Site : 03CH11-HY Condition: PEAK_74 1m SHF_1224_240624 VERTICAL <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>24787.29</td><td>40.25</td><td>74.00</td><td>-33.75</td><td>35.30</td><td>39.33</td><td>28.12</td><td>52.96</td><td>-9.54</td><td>--</td><td>PEAK</td></tr></tbody></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	cm	deg	1	24787.29	40.25	74.00	-33.75	35.30	39.33	28.12	52.96	-9.54	--	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																					
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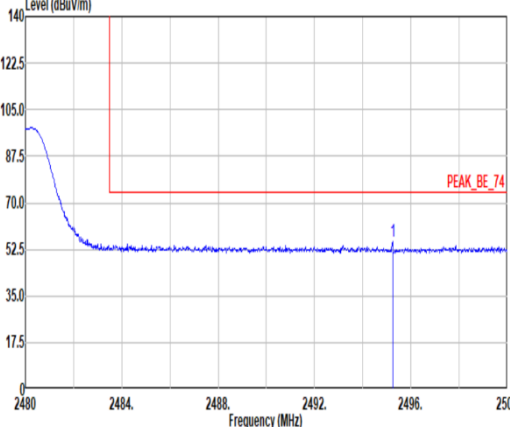
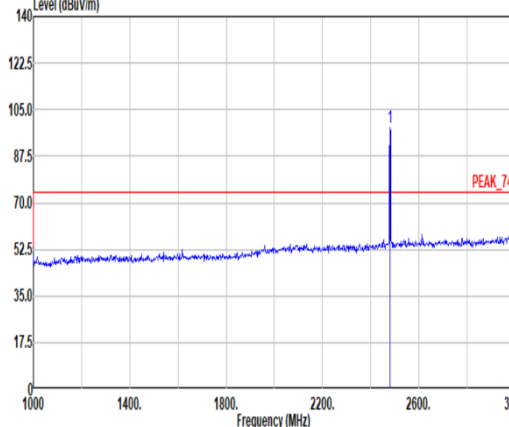
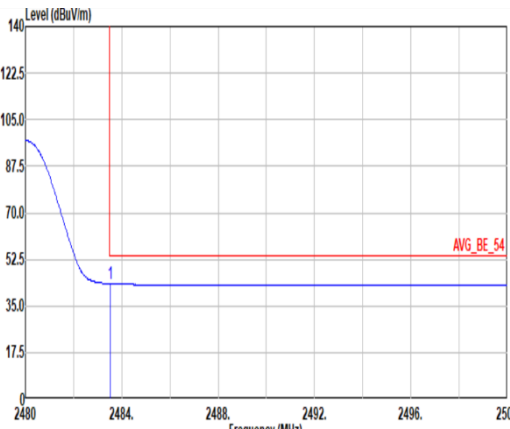
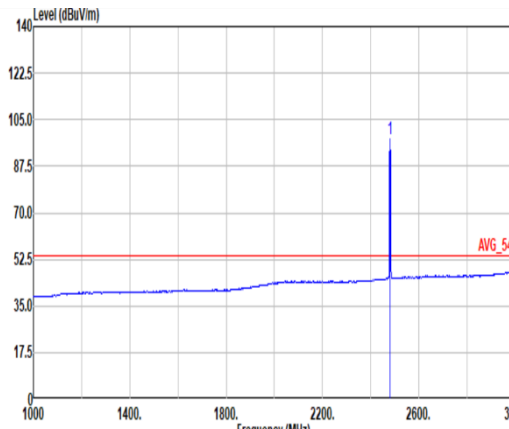


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	LF																																																																																																																																																																																					
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Peak Qp	Site : 03CH11-HY Condition: QP 3m Bilog_63304_241217 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.18</td><td>30.85</td><td>40.00</td><td>-9.15</td><td>37.56</td><td>25.14</td><td>0.50</td><td>32.43</td><td>0.08 110 73 QP</td></tr><tr><td>2</td><td>47.46</td><td>27.83</td><td>40.00</td><td>-12.17</td><td>43.88</td><td>15.62</td><td>0.62</td><td>32.34</td><td>0.05 -- -- Peak</td></tr><tr><td>3</td><td>168.71</td><td>26.30</td><td>43.50</td><td>-17.20</td><td>41.17</td><td>15.73</td><td>1.50</td><td>32.24</td><td>0.14 -- -- Peak</td></tr><tr><td>4</td><td>500.45</td><td>36.33</td><td>46.00</td><td>-9.67</td><td>41.63</td><td>23.92</td><td>2.86</td><td>32.20</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>753.62</td><td>28.40</td><td>46.00</td><td>-17.60</td><td>28.41</td><td>28.30</td><td>3.58</td><td>32.09</td><td>0.20 -- -- Peak</td></tr><tr><td>6</td><td>900.09</td><td>36.79</td><td>46.00</td><td>-9.21</td><td>34.66</td><td>29.20</td><td>4.07</td><td>31.38</td><td>0.24 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.18	30.85	40.00	-9.15	37.56	25.14	0.50	32.43	0.08 110 73 QP	2	47.46	27.83	40.00	-12.17	43.88	15.62	0.62	32.34	0.05 -- -- Peak	3	168.71	26.30	43.50	-17.20	41.17	15.73	1.50	32.24	0.14 -- -- Peak	4	500.45	36.33	46.00	-9.67	41.63	23.92	2.86	32.20	0.12 -- -- Peak	5	753.62	28.40	46.00	-17.60	28.41	28.30	3.58	32.09	0.20 -- -- Peak	6	900.09	36.79	46.00	-9.21	34.66	29.20	4.07	31.38	0.24 -- -- Peak	Site : 03CH11-HY Condition: QP 3m Bilog_63304_241217 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.85</td><td>35.60</td><td>40.00</td><td>-4.40</td><td>46.37</td><td>21.07</td><td>0.47</td><td>32.33</td><td>0.02 100 17 QP</td></tr><tr><td>2</td><td>47.46</td><td>34.39</td><td>40.00</td><td>-5.61</td><td>50.44</td><td>15.62</td><td>0.62</td><td>32.34</td><td>0.05 100 170 QP</td></tr><tr><td>3</td><td>95.96</td><td>26.31</td><td>43.50</td><td>-17.19</td><td>42.13</td><td>15.39</td><td>1.07</td><td>32.32</td><td>0.04 -- -- Peak</td></tr><tr><td>4</td><td>500.45</td><td>37.49</td><td>46.00</td><td>-8.51</td><td>42.79</td><td>23.92</td><td>2.86</td><td>32.20</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>750.71</td><td>29.93</td><td>46.00</td><td>-16.07</td><td>29.96</td><td>28.30</td><td>3.57</td><td>32.10</td><td>0.20 -- -- Peak</td></tr><tr><td>6</td><td>956.35</td><td>33.95</td><td>46.00</td><td>-12.05</td><td>28.97</td><td>31.50</td><td>4.09</td><td>30.83</td><td>0.22 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.85	35.60	40.00	-4.40	46.37	21.07	0.47	32.33	0.02 100 17 QP	2	47.46	34.39	40.00	-5.61	50.44	15.62	0.62	32.34	0.05 100 170 QP	3	95.96	26.31	43.50	-17.19	42.13	15.39	1.07	32.32	0.04 -- -- Peak	4	500.45	37.49	46.00	-8.51	42.79	23.92	2.86	32.20	0.12 -- -- Peak	5	750.71	29.93	46.00	-16.07	29.96	28.30	3.57	32.10	0.20 -- -- Peak	6	956.35	33.95	46.00	-12.05	28.97	31.50	4.09	30.83	0.22 -- -- Peak
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6	900.09	36.79	46.00	-9.21	34.66	29.20	4.07	31.38	0.24 -- -- Peak																																																																																																																																																																													
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1	30.85	35.60	40.00	-4.40	46.37	21.07	0.47	32.33	0.02 100 17 QP																																																																																																																																																																													
2	47.46	34.39	40.00	-5.61	50.44	15.62	0.62	32.34	0.05 100 170 QP																																																																																																																																																																													
3	95.96	26.31	43.50	-17.19	42.13	15.39	1.07	32.32	0.04 -- -- Peak																																																																																																																																																																													
4	500.45	37.49	46.00	-8.51	42.79	23.92	2.86	32.20	0.12 -- -- Peak																																																																																																																																																																													
5	750.71	29.93	46.00	-16.07	29.96	28.30	3.57	32.10	0.20 -- -- Peak																																																																																																																																																																													
6	956.35	33.95	46.00	-12.05	28.97	31.50	4.09	30.83	0.22 -- -- Peak																																																																																																																																																																													

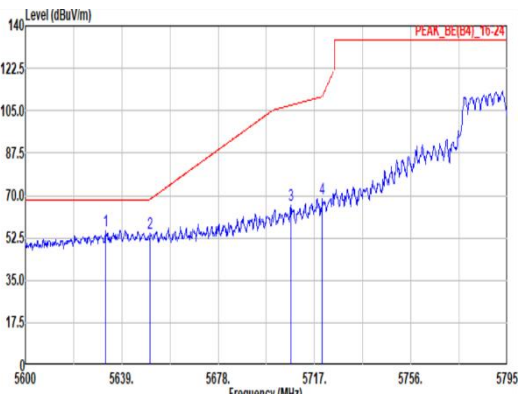
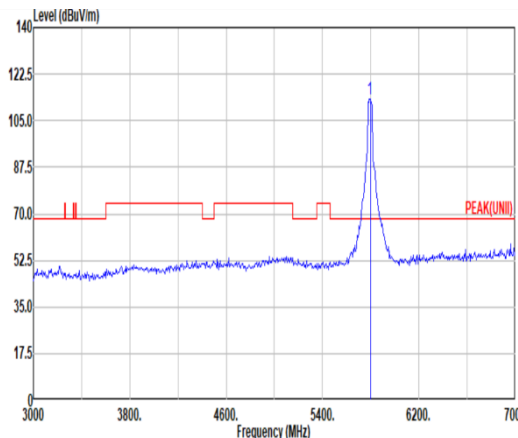
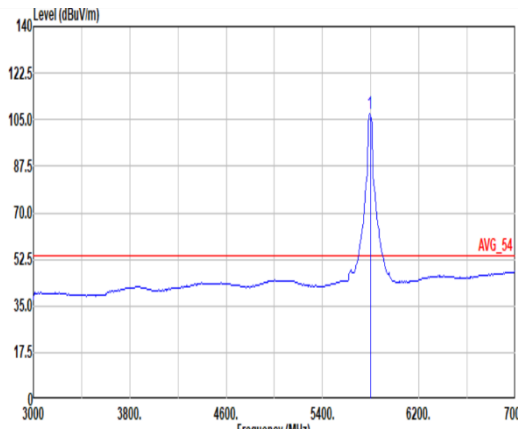


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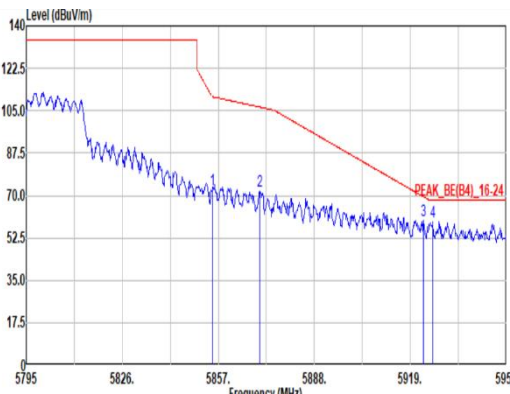


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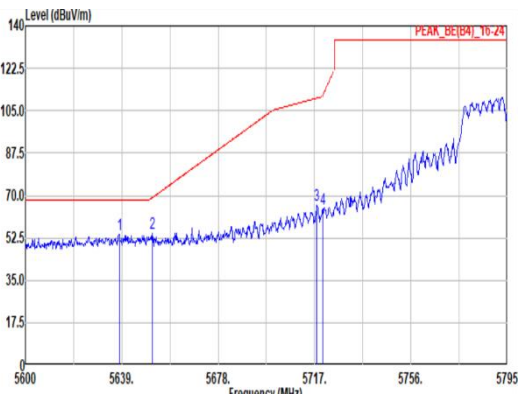
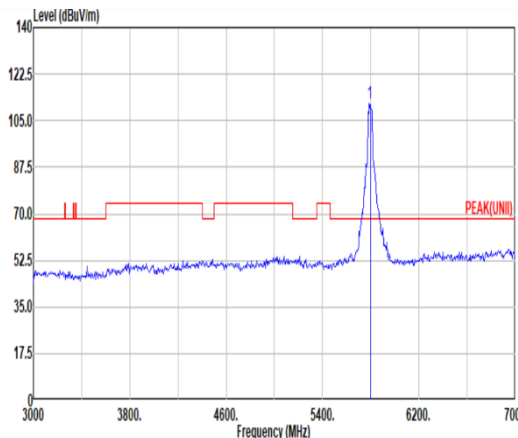
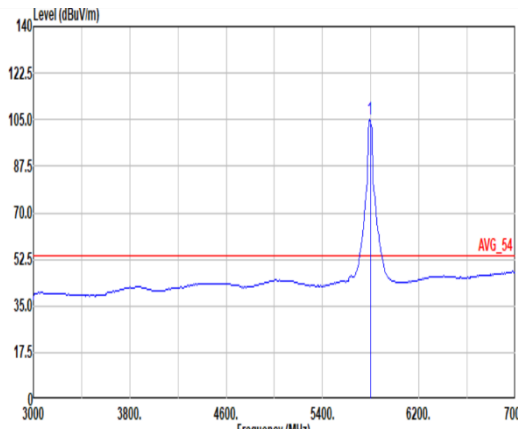


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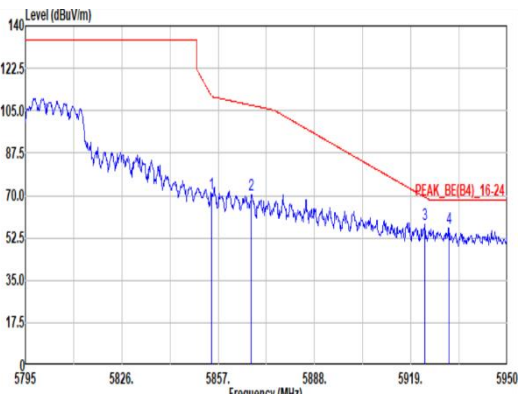


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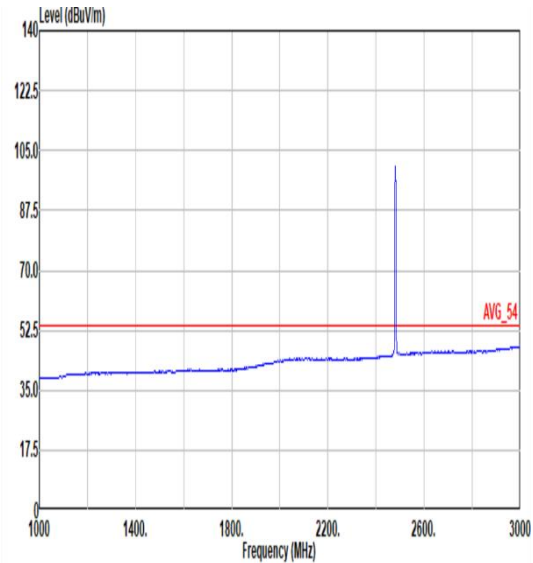
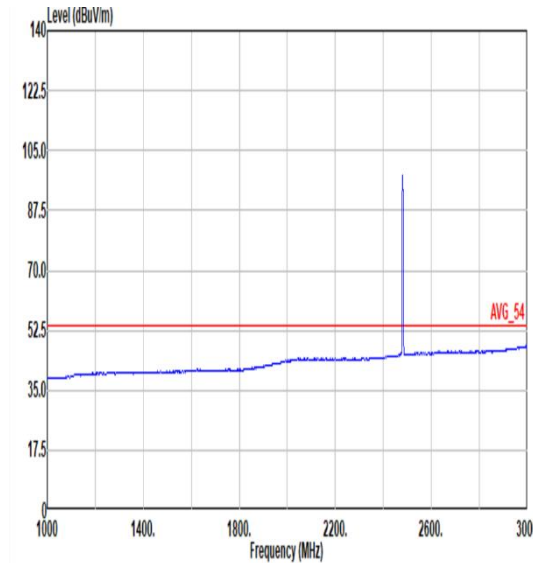
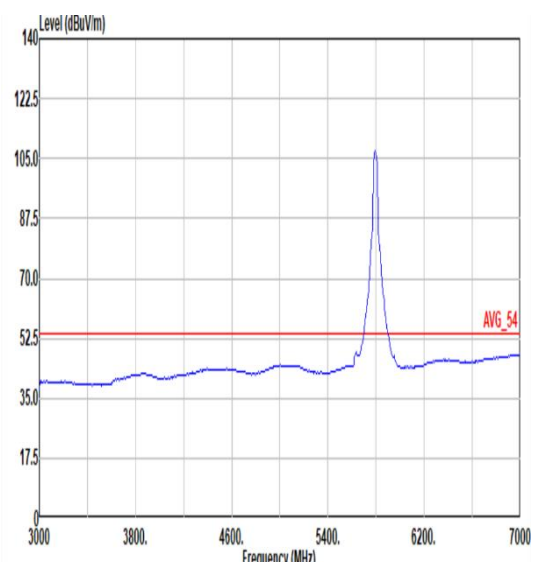
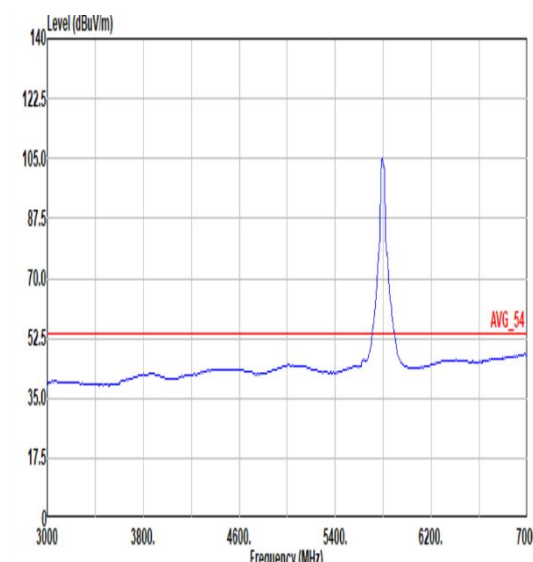


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Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 91200_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5854.83</td><td>70.76</td><td>111.19</td><td>-40.43</td><td>58.31</td><td>34.02</td><td>10.87</td><td>32.95</td><td>0.51</td><td>226</td><td>172</td><td>PEAK</td></tr><tr><td>2</td><td>5867.70</td><td>70.43</td><td>107.24</td><td>-36.81</td><td>57.95</td><td>34.07</td><td>10.87</td><td>32.96</td><td>0.50</td><td>226</td><td>172</td><td>PEAK</td></tr><tr><td>3</td><td>5923.50</td><td>57.90</td><td>69.31</td><td>-11.41</td><td>45.37</td><td>34.20</td><td>10.89</td><td>32.98</td><td>0.42</td><td>226</td><td>172</td><td>PEAK</td></tr><tr><td>4</td><td>5931.25</td><td>56.48</td><td>68.20</td><td>-11.72</td><td>43.95</td><td>34.20</td><td>10.90</td><td>32.98</td><td>0.41</td><td>226</td><td>172</td><td>PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5854.83	70.76	111.19	-40.43	58.31	34.02	10.87	32.95	0.51	226	172	PEAK	2	5867.70	70.43	107.24	-36.81	57.95	34.07	10.87	32.96	0.50	226	172	PEAK	3	5923.50	57.90	69.31	-11.41	45.37	34.20	10.89	32.98	0.42	226	172	PEAK	4	5931.25	56.48	68.20	-11.72	43.95	34.20	10.90	32.98	0.41	226	172	PEAK	Blank
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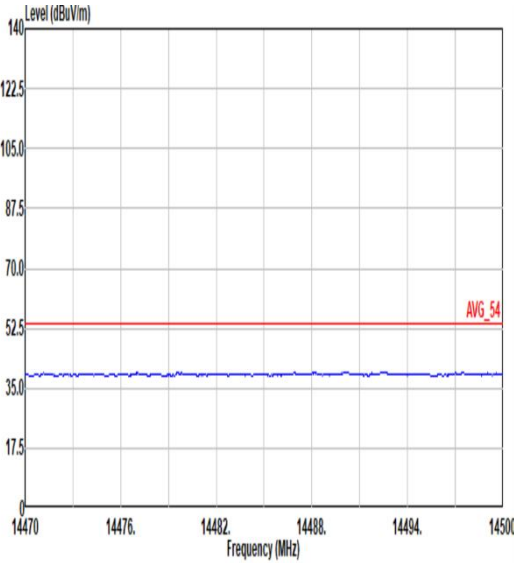
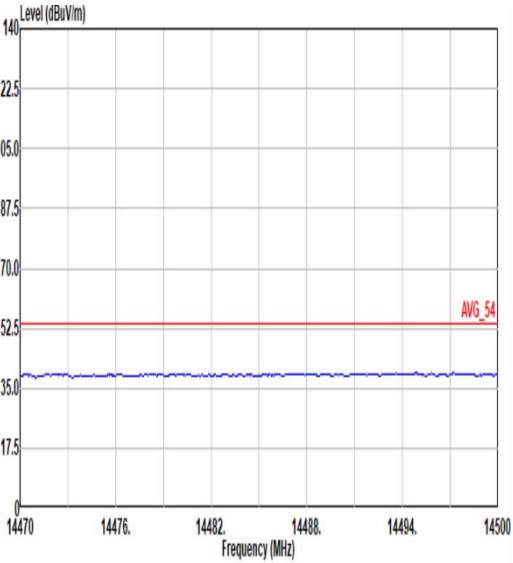
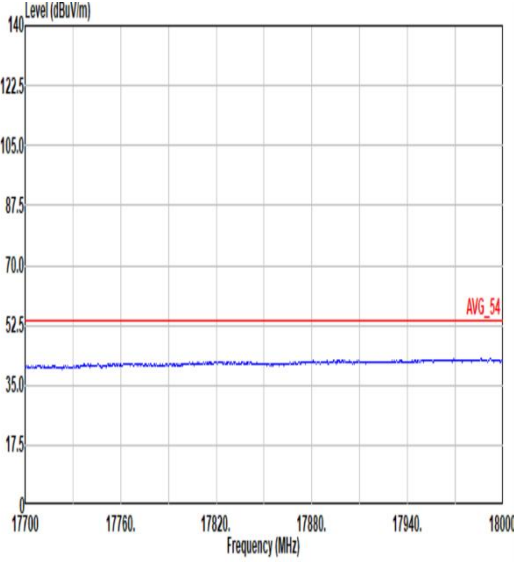
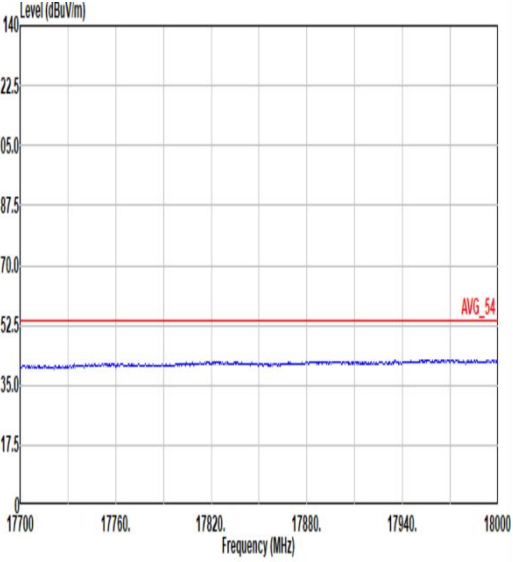


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Peak	Site : 03CH11-HY Condition: PEAK(UNII) 3m 91280_01620_240828 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>53.94</td><td>74.00</td><td>-20.06</td><td>43.05</td><td>33.02</td><td>10.18</td><td>32.88</td><td>0.57</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>4960.00</td><td>39.20</td><td>74.00</td><td>-34.80</td><td>28.31</td><td>33.02</td><td>10.18</td><td>32.88</td><td>0.57</td><td>--</td><td>AVERAGE</td></tr><tr><td>3</td><td>7440.00</td><td>54.76</td><td>74.00</td><td>-19.24</td><td>62.01</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.69</td><td>100</td><td>109 PEAK</td></tr><tr><td>4</td><td>7440.00</td><td>49.04</td><td>54.00</td><td>-4.96</td><td>56.29</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.69</td><td>100</td><td>109 AVERAGE</td></tr><tr><td>5</td><td>11590.00</td><td>49.91</td><td>74.00</td><td>-24.09</td><td>54.75</td><td>38.56</td><td>18.35</td><td>62.12</td><td>0.37</td><td>--</td><td>PEAK</td></tr><tr><td>6</td><td>11590.00</td><td>39.17</td><td>54.00</td><td>-14.83</td><td>44.01</td><td>38.56</td><td>18.35</td><td>62.12</td><td>0.37</td><td>--</td><td>AVERAGE</td></tr><tr><td>7</td><td>17385.00</td><td>52.05</td><td>68.20</td><td>-16.15</td><td>47.69</td><td>38.50</td><td>23.26</td><td>57.85</td><td>0.45</td><td>201</td><td>350 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4960.00	53.94	74.00	-20.06	43.05	33.02	10.18	32.88	0.57	--	PEAK	2	4960.00	39.20	74.00	-34.80	28.31	33.02	10.18	32.88	0.57	--	AVERAGE	3	7440.00	54.76	74.00	-19.24	62.01	36.24	14.72	58.90	0.69	100	109 PEAK	4	7440.00	49.04	54.00	-4.96	56.29	36.24	14.72	58.90	0.69	100	109 AVERAGE	5	11590.00	49.91	74.00	-24.09	54.75	38.56	18.35	62.12	0.37	--	PEAK	6	11590.00	39.17	54.00	-14.83	44.01	38.56	18.35	62.12	0.37	--	AVERAGE	7	17385.00	52.05	68.20	-16.15	47.69	38.50	23.26	57.85	0.45	201	350 PEAK	Site : 03CH11-HY Condition: PEAK(UNII) 3m 91280_01620_240828 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>51.23</td><td>74.00</td><td>-22.77</td><td>40.34</td><td>33.02</td><td>10.18</td><td>32.88</td><td>0.57</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>4960.00</td><td>39.40</td><td>74.00</td><td>-34.60</td><td>28.51</td><td>33.02</td><td>10.18</td><td>32.88</td><td>0.57</td><td>--</td><td>AVERAGE</td></tr><tr><td>3</td><td>7440.00</td><td>52.33</td><td>74.00</td><td>-21.67</td><td>59.50</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.69</td><td>290</td><td>106 PEAK</td></tr><tr><td>4</td><td>7440.00</td><td>45.00</td><td>54.00</td><td>-9.00</td><td>52.25</td><td>36.24</td><td>14.72</td><td>58.90</td><td>0.69</td><td>290</td><td>106 AVERAGE</td></tr><tr><td>5</td><td>11590.00</td><td>48.81</td><td>74.00</td><td>-25.19</td><td>53.65</td><td>38.56</td><td>18.35</td><td>62.12</td><td>0.37</td><td>--</td><td>PEAK</td></tr><tr><td>6</td><td>11590.00</td><td>38.20</td><td>54.00</td><td>-15.80</td><td>43.04</td><td>38.56</td><td>18.35</td><td>62.12</td><td>0.37</td><td>--</td><td>AVERAGE</td></tr><tr><td>7</td><td>17385.00</td><td>53.04</td><td>68.20</td><td>-15.16</td><td>48.68</td><td>38.50</td><td>23.26</td><td>57.85</td><td>0.45</td><td>291</td><td>350 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4960.00	51.23	74.00	-22.77	40.34	33.02	10.18	32.88	0.57	--	PEAK	2	4960.00	39.40	74.00	-34.60	28.51	33.02	10.18	32.88	0.57	--	AVERAGE	3	7440.00	52.33	74.00	-21.67	59.50	36.24	14.72	58.90	0.69	290	106 PEAK	4	7440.00	45.00	54.00	-9.00	52.25	36.24	14.72	58.90	0.69	290	106 AVERAGE	5	11590.00	48.81	74.00	-25.19	53.65	38.56	18.35	62.12	0.37	--	PEAK	6	11590.00	38.20	54.00	-15.80	43.04	38.56	18.35	62.12	0.37	--	AVERAGE	7	17385.00	53.04	68.20	-15.16	48.68	38.50	23.26	57.85	0.45	291	350 PEAK
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Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz	
	5725-5850_802.11ac_VHT40_CH159_5795MHz	
Pol.	Horizontal	Vertical
1G ~3G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL
3G ~7G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL



Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz	
	5725-5850_802.11ac_VHT40_CH159_5795MHz	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_240828 VERTICAL