

Prüfbericht-Nr.: <i>Test report no.:</i>	CN24XGL3 002	Auftrags-Nr.: <i>Order no.:</i>	168485882	Seite 1 von 24 Page 1 of 24
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024-05-22	
Auftraggeber: <i>Client:</i>	Anhui Wenxiang Information Technology Co.,Ltd. Wenxiang Technology Park, South West Fengming Avenue, Wanjiang Jiangnan Emerging Industry Concentration Zone, Chizhou, Anhui, China			
Prüfgegenstand: <i>Test item:</i>	Portable Recording and Broadcasting Host			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	WX-AX60, WX-AX70, WX-AX80, WX-AX90, WX-***** (* = 0-9, a-z, A-Z, "-", "/", or blank)			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 RSS-247 Issue 3 August 2023 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-06-27	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003726002-009			
Prüfzeitraum: <i>Testing period:</i>	2024-07-26 - 2024-10-18			
Ort der Prüfung: <i>Place of testing:</i>	Refer to section 2.1			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	 Hardy Suo		genehmigt von: <i>authorized by:</i>	 Lin Lin
Datum: <i>Date:</i>	2025-07-29		Ausstellungsdatum: <i>Issue date:</i>	2025-07-29
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	FCC ID: 2BLCSWX-AX, IC: 33002-WXAX, HVIN: WX-AX This report is for 2.4GHz generic and 2.4GHz Wi-Fi.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet			
* Legend:	P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested			
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Anmerkungen
Remarks

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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 2.4GHz generic

Appendix B: Test Results of 2.4GHz Wi-Fi

Appendix C: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

SHANGHAI ATBL TECHNOLOGY CO., LTD.

5-6/F., Unit 1, No 8, Free Trade One Life Science and Sci-Tech Industrial Park, No. 160, Basheng Road, Pudong New District, Shanghai City, People's Republic of China

Company Number: 27371, CAB identifier: CN0116

TÜV Rheinland (Shenzhen) Co., Ltd. Subcontracts all tests to SHANGHAI ATBL TECHNOLOGY CO., LTD. The tests at the test sites have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
Spectrum Analyzer	Agilent	N9020A	MY51110027	2024.08.19	2025.08.18
Signal Generator	Agilent	N5182B	MY57301570	2024.08.19	2025.08.18
Signal Generator	Agilent	N5173B	MY61250105	2024.08.19	2025.08.18
WIDEBAND RADIO COMMUNICATION TESTER	RS	CMW500	109925	2024.08.19	2025.08.18
Power sensor	CESHEN	SMU-1003	DGATBL-W07	2024.08.19	2025.08.18
Temperature/ Humidity Meter	Ji Yu	MC501	/	/	/
Spreader	WCS	Cesheng	2021.11.04.01	2024.08.19	2025.08.18
DC POWER SUPPLY	LONGWEI	TPR3003-2D	170300313	2024.08.19	2025.08.18
DIGITAL multimeter	VICTOR	VC890D	092632592	2024.08.19	2025.08.18
Unwanted Emission Testing					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
Spectrum Analyzer	Keysight	N9020A	MY51285460	2024-08-09	2025-08-08
Spectrum analyzer	R&S	FSV40-N	102126	2024-08-17	2025-08-16
BiLog Antenna	SCHAFFNER	CBL6112B	2740	2024-08-17	2025-08-16
Horn Antenna	Schwarzbeck	BBHA 9120D	2800	2024-08-12	2025-08-11
Amplifier (25MHz-1GHz)	Ce Shen	DLNA-20-1000	/	2024-09-02	2025-09-01
Amplifier (1-18GHz)	Ce Shen	DLNA-1000-18000	CSKJLNA2308 13B	2024-09-02	2025-09-01
Horn Antenna (18-40GHz)	SCHWA RZBECK	AH-1804	E064	202-08-25	2025-08-24
Receiver	R&S	ESPI3	100440	2024-09-02	2025-09-01
Conducted Emission on AC Mains					
Equipment	Manufacturer	Model	Serial No	Equipment Number	Cal. until
EMI Test Receiver	R&S	ESPI3	101163	DGATBL-E022	2025.01.03

LISN	R&S	ENV216	102282	DGATBL-E024	2025.08.18
LISN	/	NNB-111	13835240	DGATBL-E025	2025.08.18
CE Cable	RUIWEI	RW2350-3.8A-2M+10dB	N/A	DGATBL-E047	2025.08.15
ISN	SCHWA RZBECK	CAT 3	140	DGATBL-E056	2025.03.27
ISN	SCHWA RZBECK	CAT 6	247	DGATBL-E057	2025.03.27
Temperature & Humidity	Parkoo	JR-609	N/A	DGATBL-E028	2025.08.18
Testing Software	FALA	EZ-EMC		DGATBL-E052	N/A

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	±4.17 dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	± 3.70 dB / ± 3.30 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

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2.7 Status of Facility Used for Testing

The SHANGHAI ATBL TECHNOLOGY CO., LTD. Test facility located at 5-6/F., Unit 1, No 8, Free Trade One Life Science and Sci-Tech Industrial Park, No. 160, Basheng Road, Pudong New District, Shanghai City, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a Portable Recording and Broadcasting Host which supports 2.4GHz Generic (for connecting with wireless MIC), 5GHz Generic (for connecting with wireless camera), 2.4G/5GHz Wi-Fi wireless technologies.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Portable Recording and Broadcasting Host
Type Designation:	WX-AX60, WX-AX70, WX-AX80, WX-AX90, WX-***** (* = 0-9, a-z, A-Z, "-", "/", or blank) Remark: WX-AX70, WX-AX80, WX-AX90, WX-***** (* = 0-9, a-z, A-Z, "-", "/", or blank) are the same with the model: WX-AX60 in circuitry and electrical, mechanical and physical construction.
Operating Voltage:	DC 48V via AC/DC Adapter
Testing Voltage:	AC 120V, 60Hz (Power supply to AC/DC Adapter)
Operating Temperature Range:	0 °C ~ +40 °C
Technical Specification of 2.4GHz Generic (for connecting with wireless MIC)	
Operating Frequency:	2402 MHz to 2480 MHz
Type of Modulation:	GFSK
Channel Number:	40 channels
Channel Separation:	2MHz
Data Rate:	1Mbps
Antenna Type:	External Antenna
Antenna Number:	1
Antenna Gain:	1.29 dBi (Provided by the Client)
The type of wideband data transmission equipment:	DTS
Technical Specification of 2.4GHz Wi-Fi 802.11 b/g/n	
Operating Frequency	2412 - 2462 MHz for 802.11 b/g/n HT20 2422 - 2452 MHz for 802.11 n HT40
Type of Modulation	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Channel Number	11 channels for 802.11 b/g/n HT20 7 channels for 802.11 n HT40
Channel Separation	5 MHz
Antenna Type:	External Antenna
Antenna Number:	2

Antenna Gain:	1.29 dBi (Provided by the Client)
---------------	-----------------------------------

Table 4: RF Channel and Frequency of 2.4GHz generic

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

Table 5: RF Channel and Frequency of 2.4GHz Wi-Fi 802.11 b/g/n

RF Channel	802.11 b/g/n (HT20)	802.11 b/g/n (HT40)
	Frequency (MHz)	Frequency (MHz)
01	2412	
02	2417	
03	2422	2422
04	2427	2427
05	2432	2432
06	2437	2437
07	2442	2442
08	2447	2447
09	2452	2452
10	2457	
11	2462	

3.3 Independent Operation Modes

The basic operation modes are:

A. On, 2.4GHz generic transmitting mode

- 1) Low Channel
- 2) Middle Channel
- 3) High Channel

B. On, 2.4GHz Wi-Fi transmitting mode

- 4) Low Channel
- 5) Middle Channel
- 6) High Channel

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|------------------------------|-------------------------|
| - Application Form | - User Manual |
| - ID Label and Location Info | - Operation Description |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10:2020.

According to clause 3.1, all tests were performed on model WX-AX60 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Remark
Laptops	Redmi	JYU4371CN	/

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

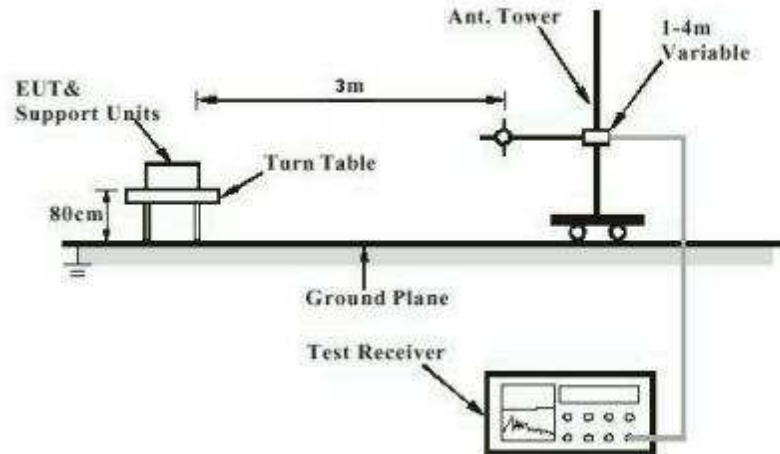


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

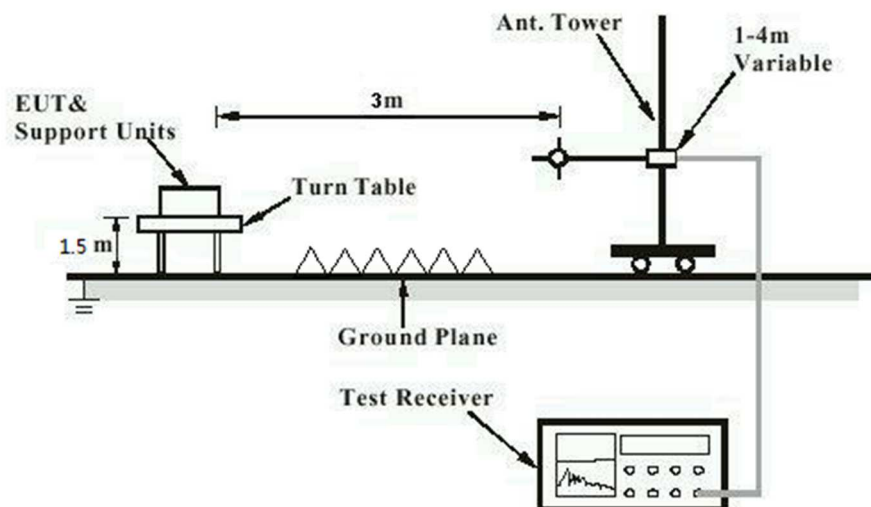


Diagram of Measurement Configuration for Mains Conduction Measurement

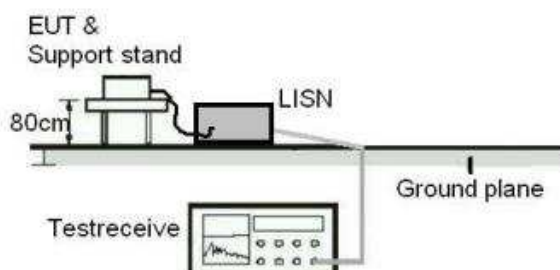
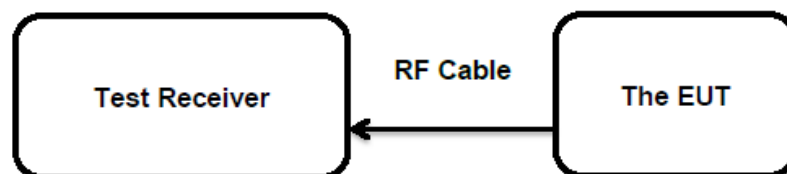


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.247(b)(4) and Part 15.203
RSS-Gen Clause 6.8

According to the manufacturer declared, the EUT has external antennas, the directional gain of antenna is 1.29 dBi, and the antenna connector is designed unique, prefer to EUT photos for details. Therefore the EUT is considered sufficient to comply with the provision.

Therefore the EUT is considered sufficient to comply with the provision.

5.1.2 Maximum Peak Conducted Output Power

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(b)(1)&(3) RSS-247 Clause 5.4(b)&(d)
Basic standard	: ANSI C63.10:2020
Limits	: FHSS < 0.125 Watts, DSSS < 1.0 Watts
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.3 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For details refer to following test result.

Table 7: Test Result of Maximum Peak Conducted Output Power, 2.4GHz generic

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
2.4GHz Generic	2402	8.42	0.0070	< 1.0
	2440	8.09	0.0064	
	2480	7.87	0.0061	
Maximum Measured Value		8.42	0.0070	
Max. e.i.r.p.=8.42dBm+1.29dBi=9.71dBm, which is less than 36dBm=4W.				

Table 8: Test Result of Maximum Peak Conducted Output Power, 2.4GHz Wi-Fi

Test Mode	Data Rate	Test Channel (MHz)	Measured Peak Power		Limit (W)
			(dBm)	(W)	
802.11b	1 Mbps	2412	4.03	0.0025	< 1.0
		2437	2.31	0.0017	
		2462	2.73	0.0019	
802.11g	6 Mbps	2412	9.79	0.0095	
		2437	9.40	0.0087	
		2462	9.31	0.0085	
802.11n (HT20)	MCS0	2412	9.80	0.0095	
		2437	9.08	0.0081	
		2462	9.14	0.0082	
802.11n (HT40)	MCS0	2422	9.78	0.0095	
		2437	8.57	0.0072	
		2452	9.32	0.0086	
Maximum Measured Value			9.80	0.0095	
Max. e.i.r.p.=9.80dBm+1.29dBi=11.09dBm, which is less than 36dBm=4W.					

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Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): 1.29 dBi max.

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5.1.3 Conducted Power Spectral Density

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(e) RSS-247 Clause 5.2(b)
Basic standard	: ANSI C63.10:2020
Limits	: < 8 dBm / 3kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.3 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A, B.

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5.1.4 6dB Bandwidth

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(a)(2) RSS-247 Clause 5.2(a)
Basic standard	: ANSI C63.10:2020
Limits	: > 500 KHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.3 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A, B.

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5.1.5 99% Bandwidth

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(a) RSS-Gen Clause 6.7
Basic standard	: ANSI C63.10:2020
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.3 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A, B.

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5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(d) RSS-247 Clause 5.5
Basic standard	: ANSI C63.10:2020
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.3 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A, B.

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5.1.7 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	: ANSI C63.10:2020
Limits	: Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Section 8.9 & 8.10
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2024-07-26 - 2024-10-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A, B.

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5.1.8 Conducted Emission on AC Mains

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.207(a) RSS-Gen Section 8.8
Basic standard	: ANSI C63.10:2020
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-08-01
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
Earthing	: Not connected
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A, B.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix C.

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Appendix A: Test Results of 2.4GHz Generic

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Appendix A.1: Test Results of 99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0126
BLE 1M	19	2440	1.0284
BLE 1M	39	2480	1.0293

Test Graphs

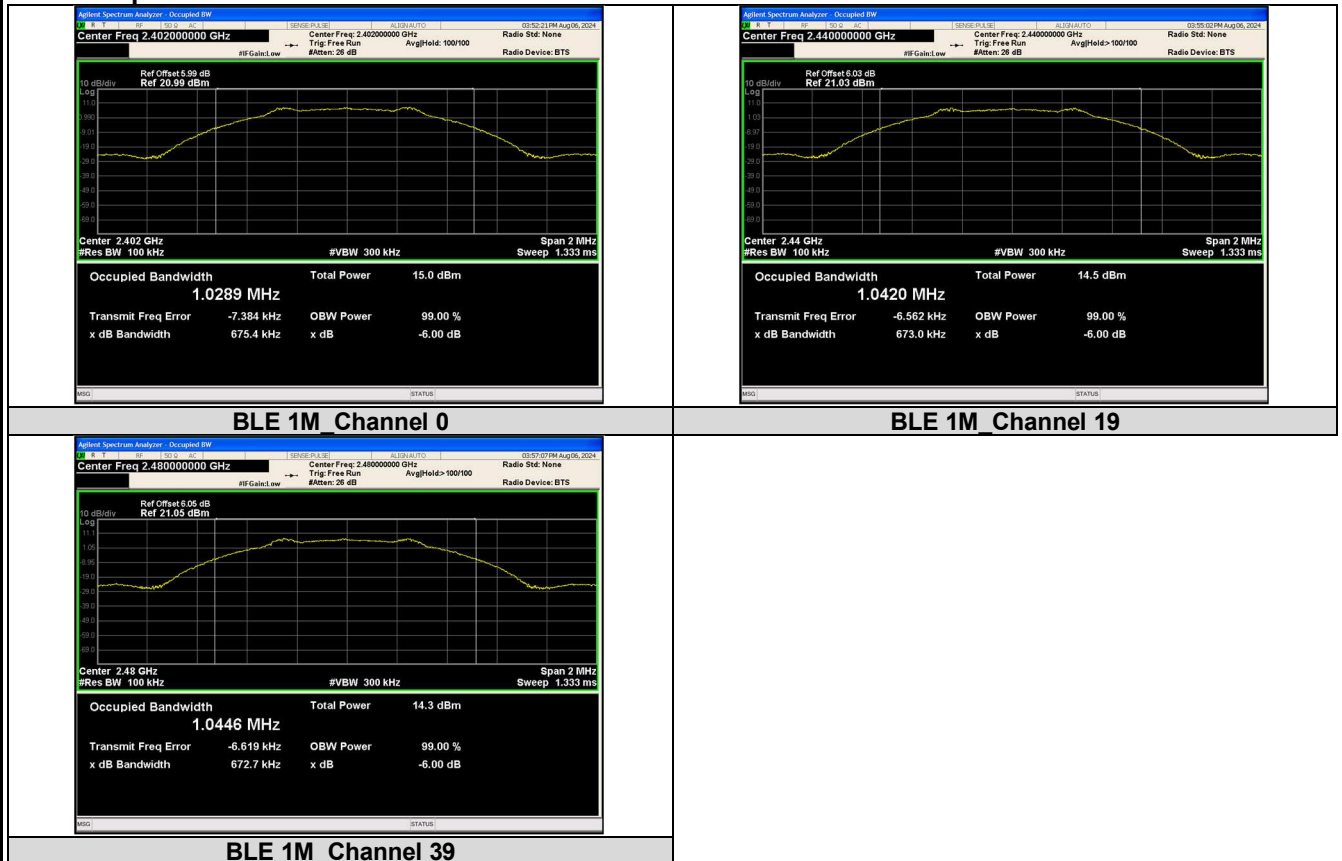


Appendix A.2: Test Results of 6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6754	≥0.5	PASS
	19	2440	0.6730		PASS
	39	2480	0.6727		PASS

Test Graphs

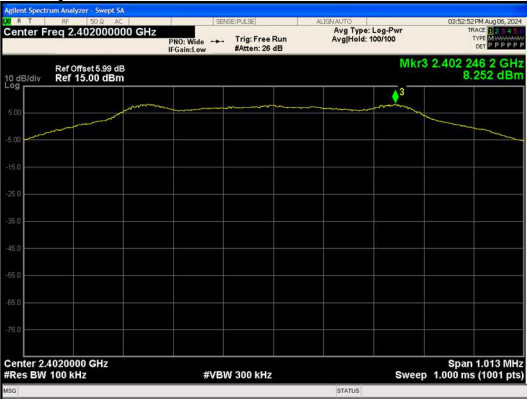
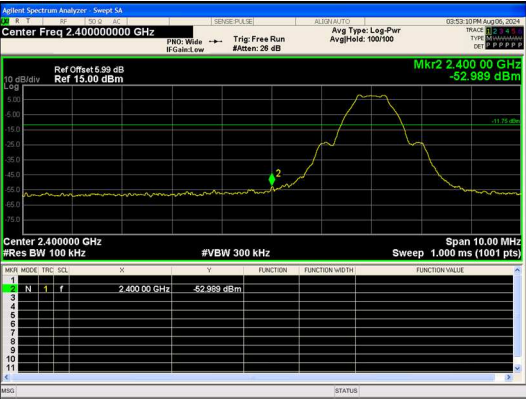
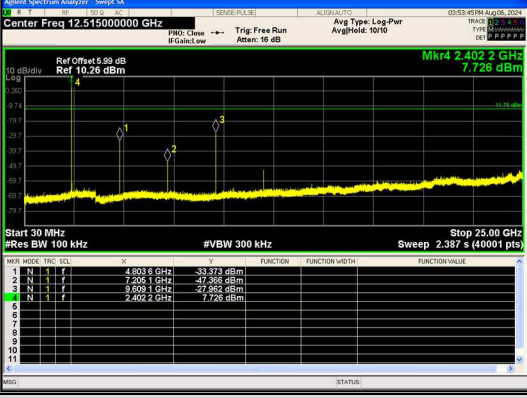


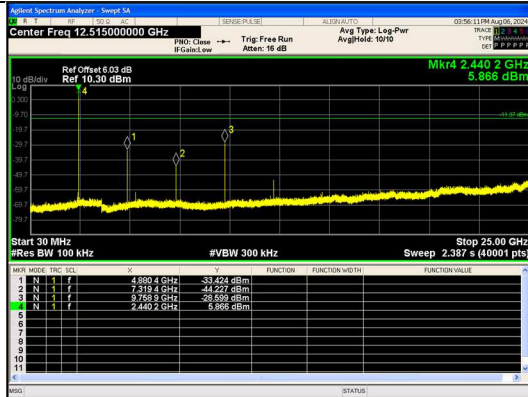
Appendix A.3: Test Results of Conducted Out of Band Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-52.989	-11.75	-41.239	PASS
		4803.64	-33.373	-11.75	-21.623	PASS
		7205.13	-47.366	-11.75	-35.616	PASS
		9609.12	-27.962	-11.75	-16.212	PASS
	19	4880.42	-33.424	-11.97	-21.454	PASS
		7319.37	-44.227	-11.97	-32.257	PASS
		9758.94	-28.599	-11.97	-16.629	PASS
	39	2483.50	-56.702	-12.4	-44.302	PASS
		4960.33	-33.386	-12.4	-20.986	PASS
		7439.22	-44.607	-12.4	-32.207	PASS
		9921.24	-29.750	-12.4	-17.350	PASS

Test Graphs

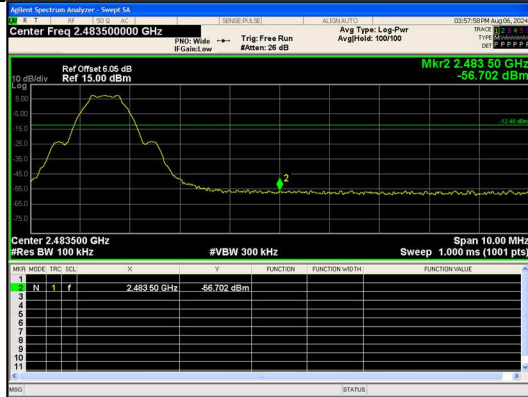
	
In-Band Reference Level BLE 1M_Channel 0	Out Of Band Emission BLE 1M_Channel 0
	
30.0 MHz - 25000.0 MHz BLE 1M_Channel 0	In-Band Reference Level BLE 1M_Channel 19



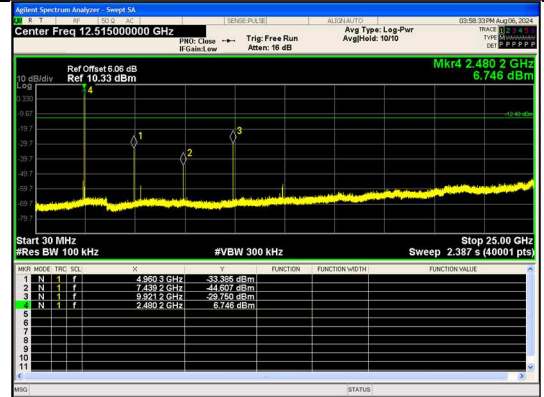
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



Out Of Band Emission
BLE 1M_Channel 39



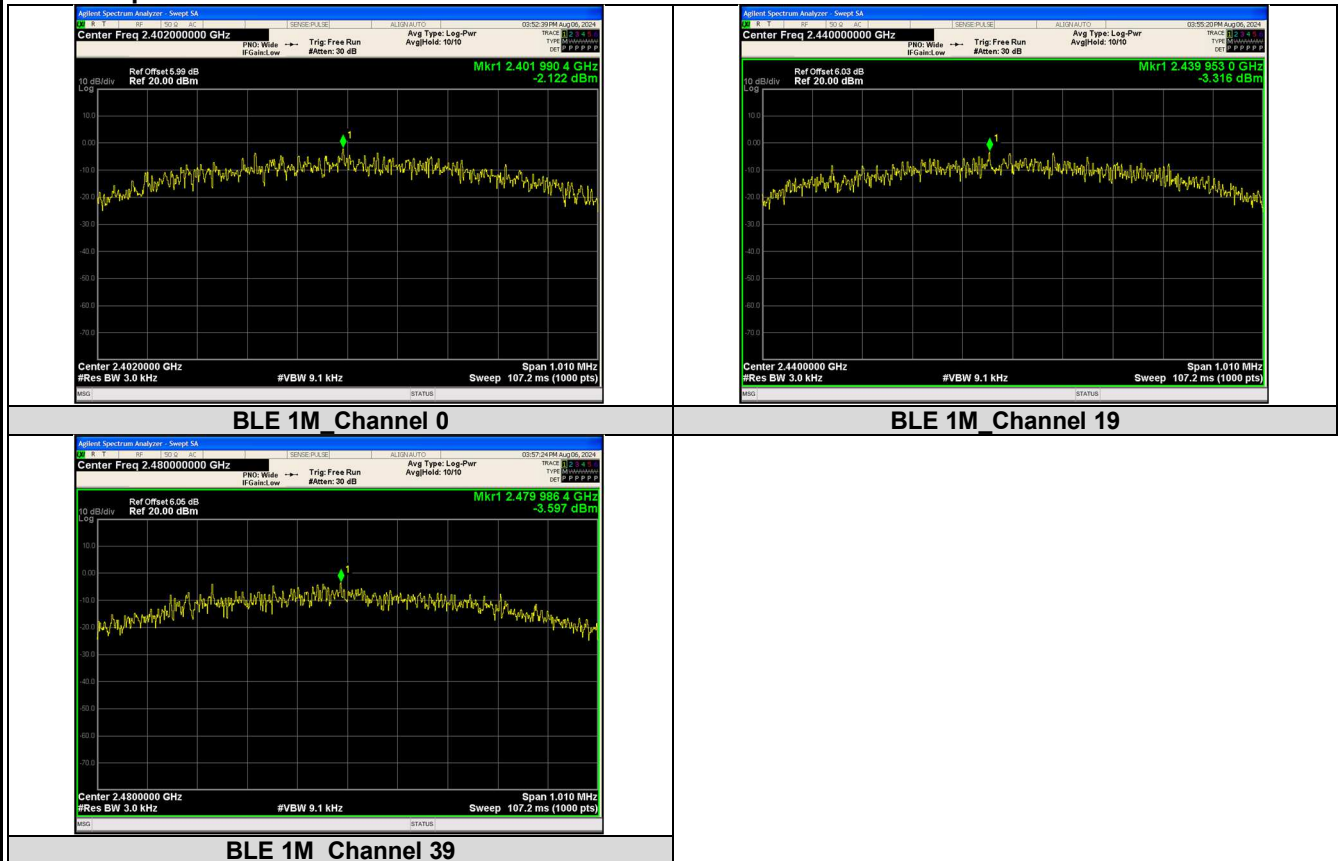
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39

Appendix A.4: Test Results of Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-2.122	≤8	PASS
BLE 1M	19	-3.316	≤8	PASS
BLE 1M	39	-3.597	≤8	PASS

Test Graphs



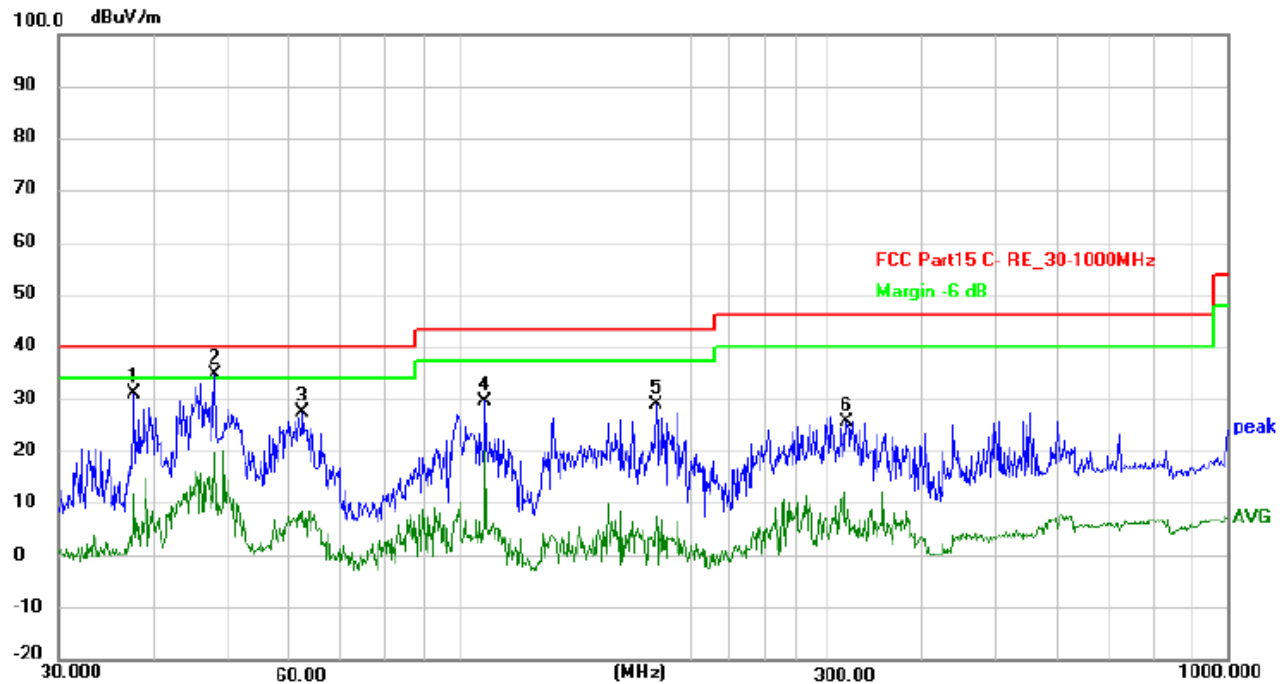
Appendix A.5: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

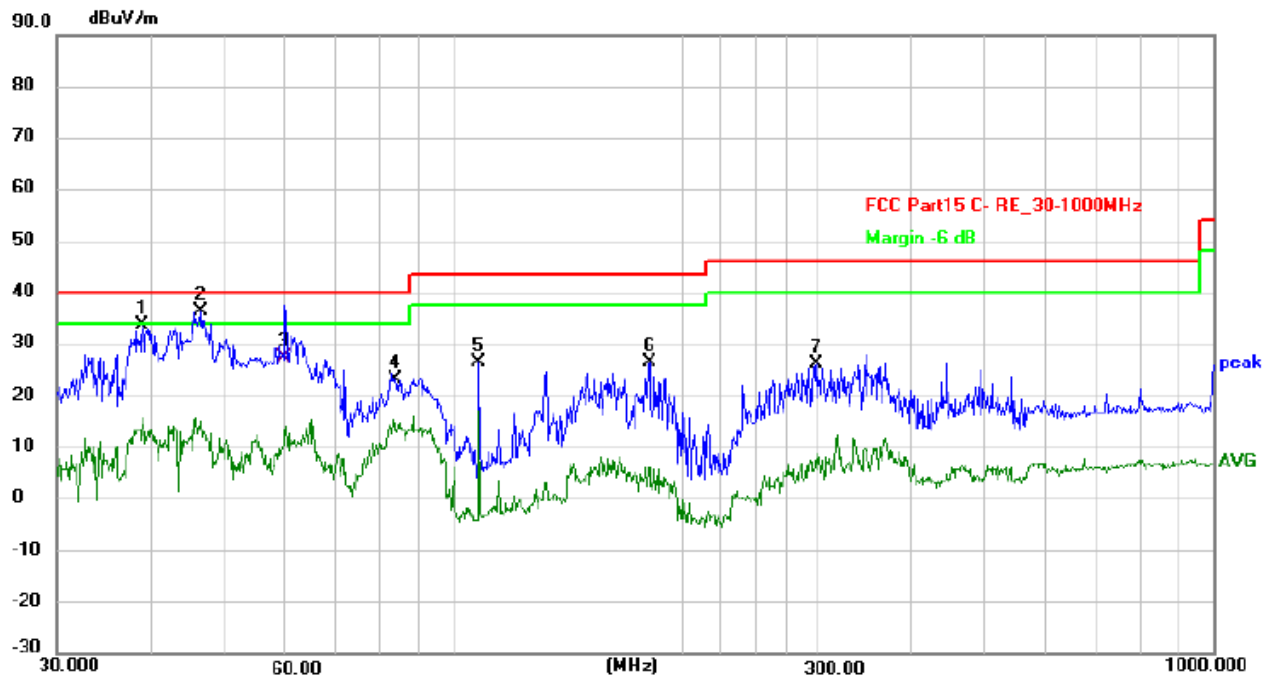
30 MHz - 1GHz

2402MHz, ANT Polarization: Horizontal



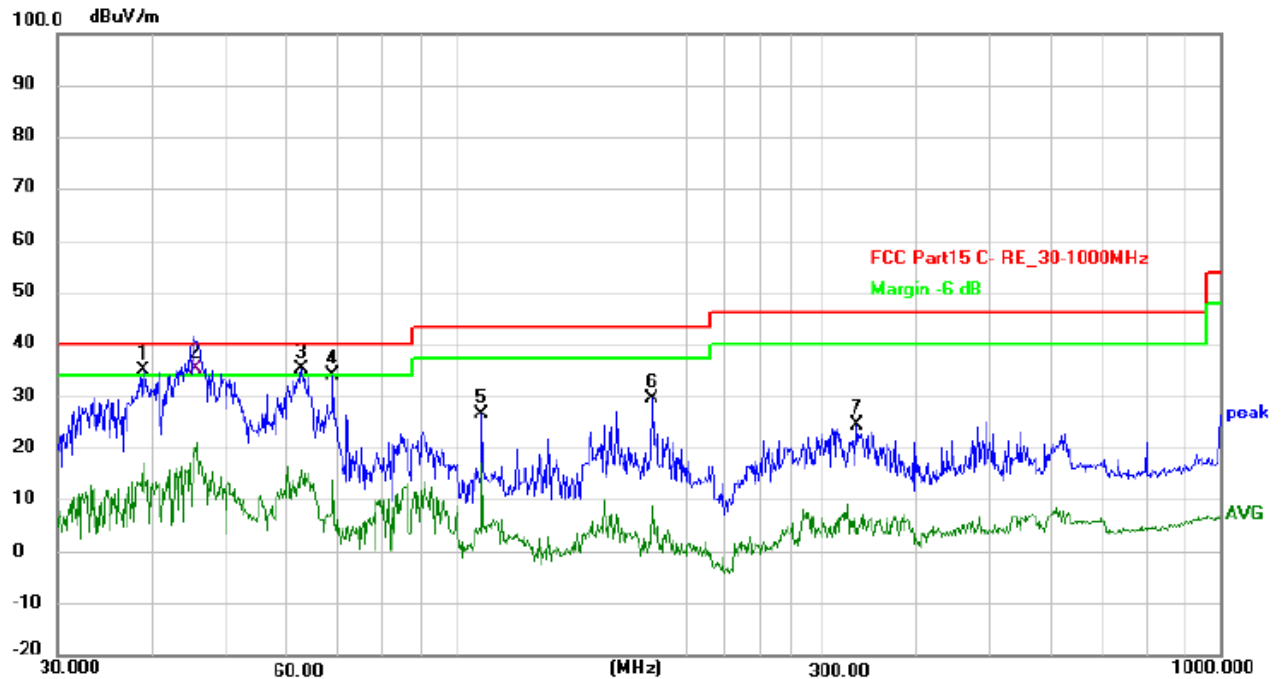
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	37.6797	60.76	-29.55	31.21	40.00	-8.79	peak			P	
2 *	47.9940	63.62	-28.94	34.68	40.00	-5.32	peak			P	
3	62.4313	57.19	-29.69	27.50	40.00	-12.50	peak			P	
4	107.8877	62.10	-32.50	29.60	43.50	-13.90	peak			P	
5	180.0164	60.10	-30.94	29.16	43.50	-14.34	peak			P	
6	318.8170	53.76	-28.00	25.76	46.00	-20.24	peak			P	

2402MHz, ANT Polarization: Vertical



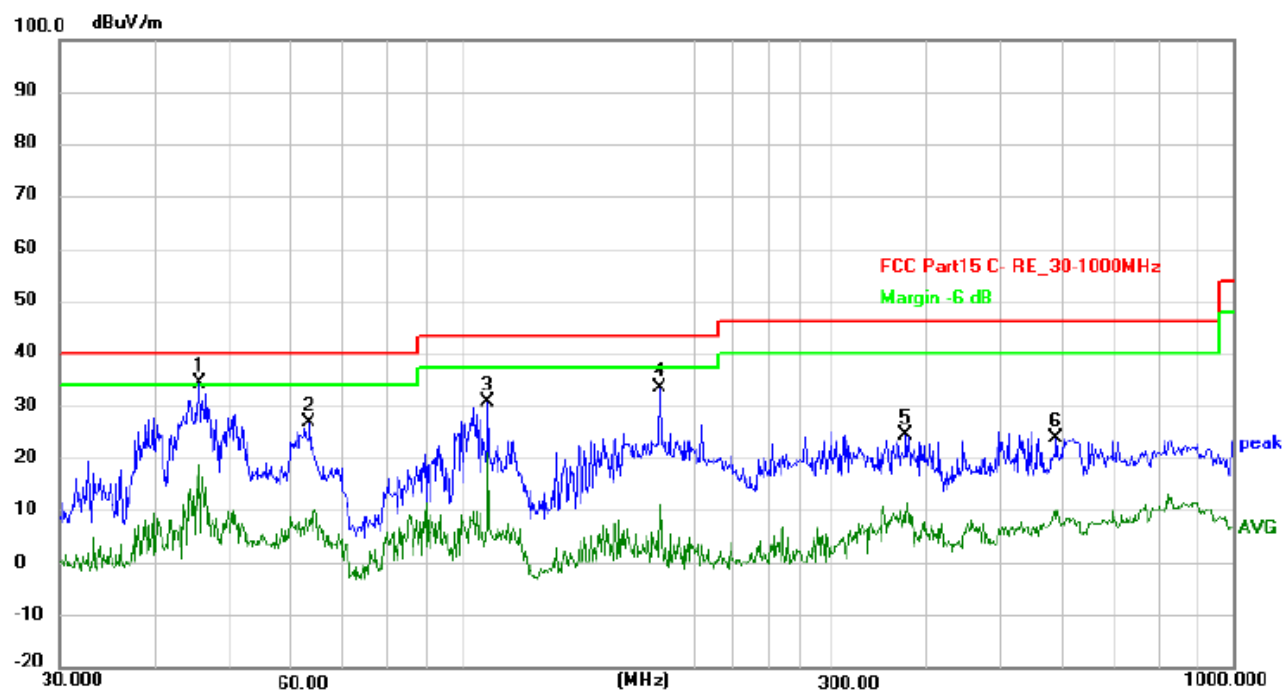
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	38.8877	63.29	-29.48	33.81	40.00	-6.19	peak			P	
2 *	46.5030	65.27	-28.94	36.33	40.00	-3.67	peak			P	
3	60.0638	56.95	-29.38	27.57	40.00	-12.43	QP	150	108	P	
4	83.8155	58.16	-34.95	23.21	40.00	-16.79	peak			P	
5	107.8876	59.13	-32.50	26.63	43.50	-16.87	peak			P	
6	180.6487	57.61	-31.00	26.61	43.50	-16.89	peak			P	
7	300.3672	54.89	-28.64	26.25	46.00	-19.75	peak			P	

2440MHz, ANT Polarization: Horizontal



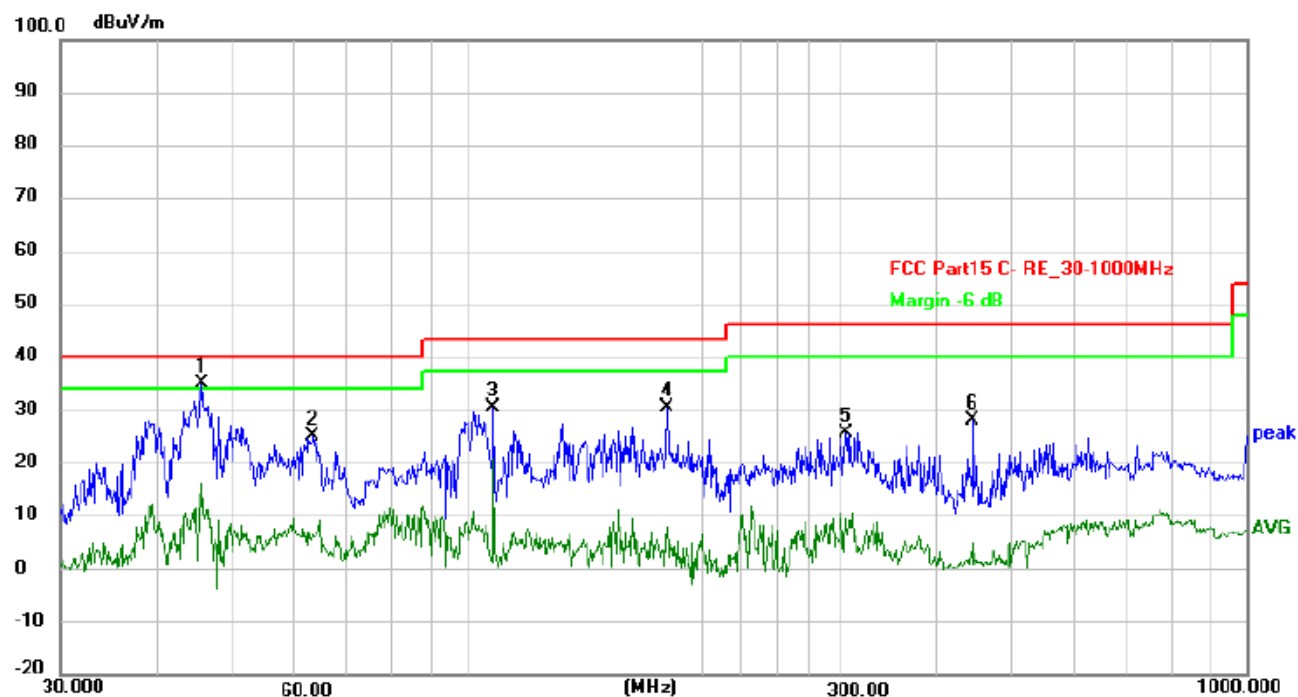
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 !	38.8877	64.53	-29.48	35.05	40.00	-4.95	peak			P	
2 *	45.6266	64.23	-28.96	35.27	40.00	-4.73	QP	150	82	P	
3 !	62.6505	64.96	-29.70	35.26	40.00	-4.74	peak			P	
4 !	68.8721	65.11	-30.89	34.22	40.00	-5.78	peak			P	
5	107.8876	59.29	-32.50	26.79	43.50	-16.71	peak			P	
6	180.0164	60.46	-30.94	29.52	43.50	-13.98	peak			P	
7	333.6865	52.33	-27.68	24.65	46.00	-21.35	peak			P	

2440MHz, ANT Polarization: Vertical



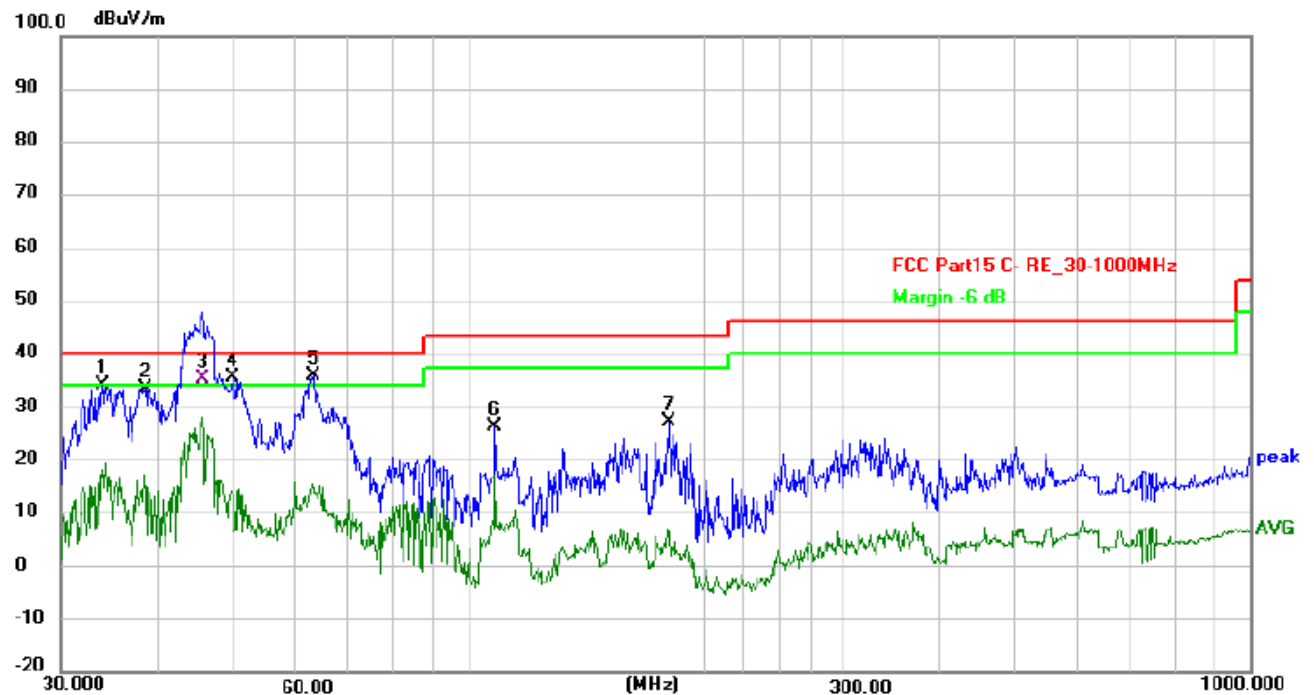
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	45.5348	63.49	-28.97	34.52	40.00	-5.48	peak			P	
2	63.3132	56.72	-29.74	26.98	40.00	-13.02	peak			P	
3	107.8877	63.25	-32.50	30.75	43.50	-12.75	peak			P	
4	180.0164	64.41	-30.94	33.47	43.50	-10.03	peak			P	
5	375.9385	51.25	-26.72	24.53	46.00	-21.47	peak			P	
6	588.9050	45.36	-21.43	23.93	46.00	-22.07	peak			P	

2480MHz, ANT Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	45.5347	64.02	-28.97	35.05	40.00	-4.95	peak			P	
2	63.3132	54.76	-29.74	25.02	40.00	-14.98	peak			P	
3	107.8876	62.92	-32.50	30.42	43.50	-13.08	peak			P	
4	180.0164	61.45	-30.94	30.51	43.50	-12.99	peak			P	
5	305.6800	54.28	-28.52	25.76	46.00	-20.24	peak			P	
6	444.8514	52.85	-24.60	28.25	46.00	-17.75	peak			P	

2480MHz, ANT Polarization: Vertical

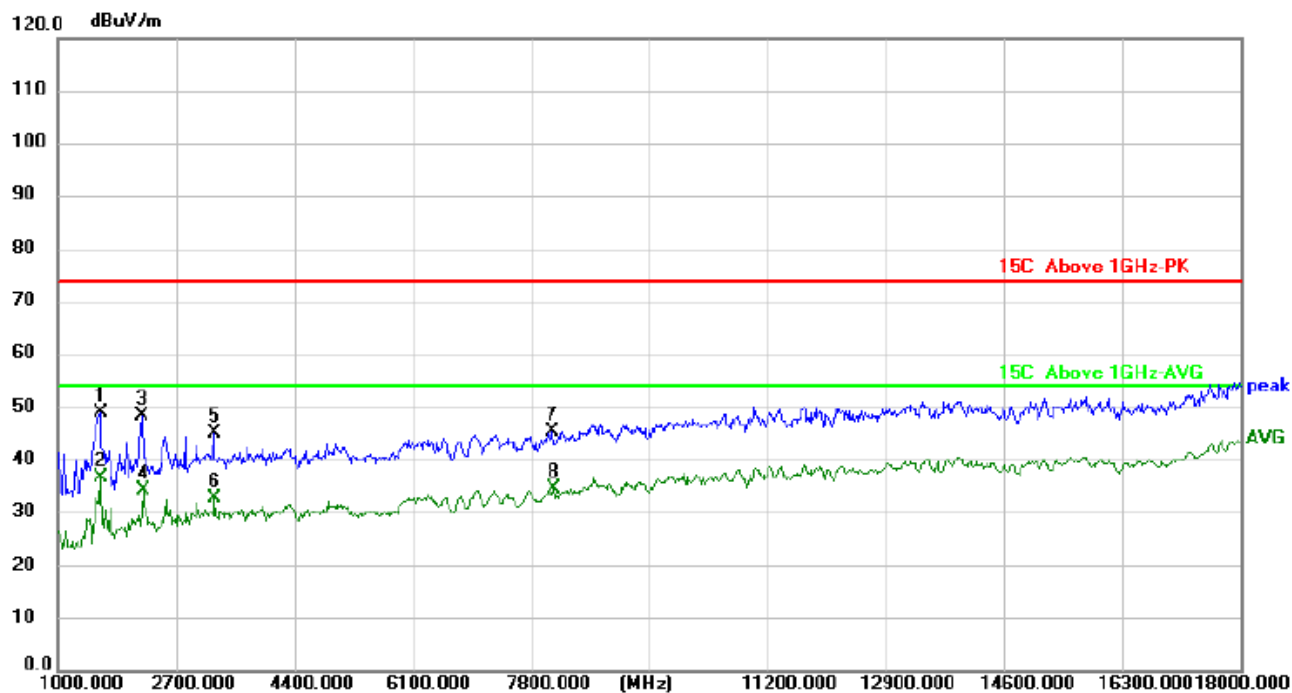


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 !	33.9172	64.01	-29.71	34.30	40.00	-5.70	peak			P	
2	38.4810	62.99	-29.52	33.47	40.00	-6.53	peak			P	
3 !	45.6198	64.25	-28.96	35.29	40.00	-4.71	QP	150	0	P	
4 !	49.7066	64.54	-28.87	35.67	40.00	-4.33	peak			P	
5 *	63.3132	65.72	-29.74	35.98	40.00	-4.02	peak			P	
6	107.8876	58.79	-32.50	26.29	43.50	-17.21	peak			P	
7	180.0164	58.16	-30.94	27.22	43.50	-16.28	peak			P	

1GHz - 18GHz

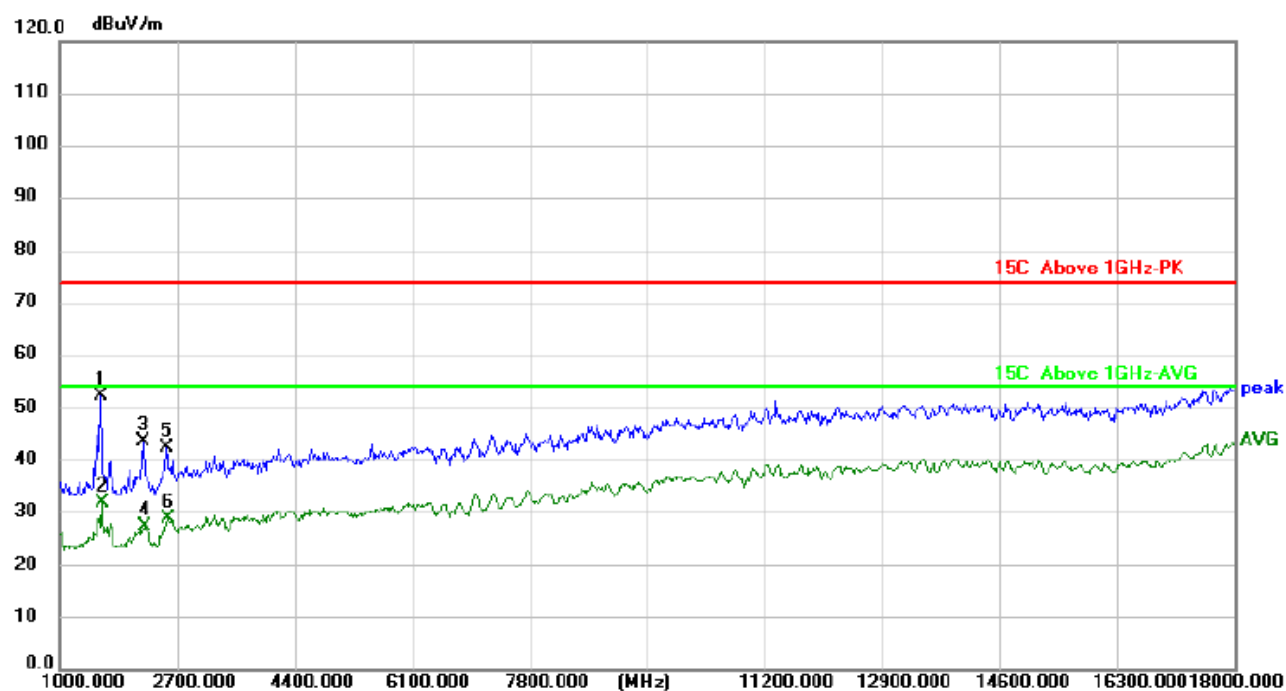
Note: The highest waveform in the figure is Fundamental.

2402MHz, ANT Polarization: Horizontal



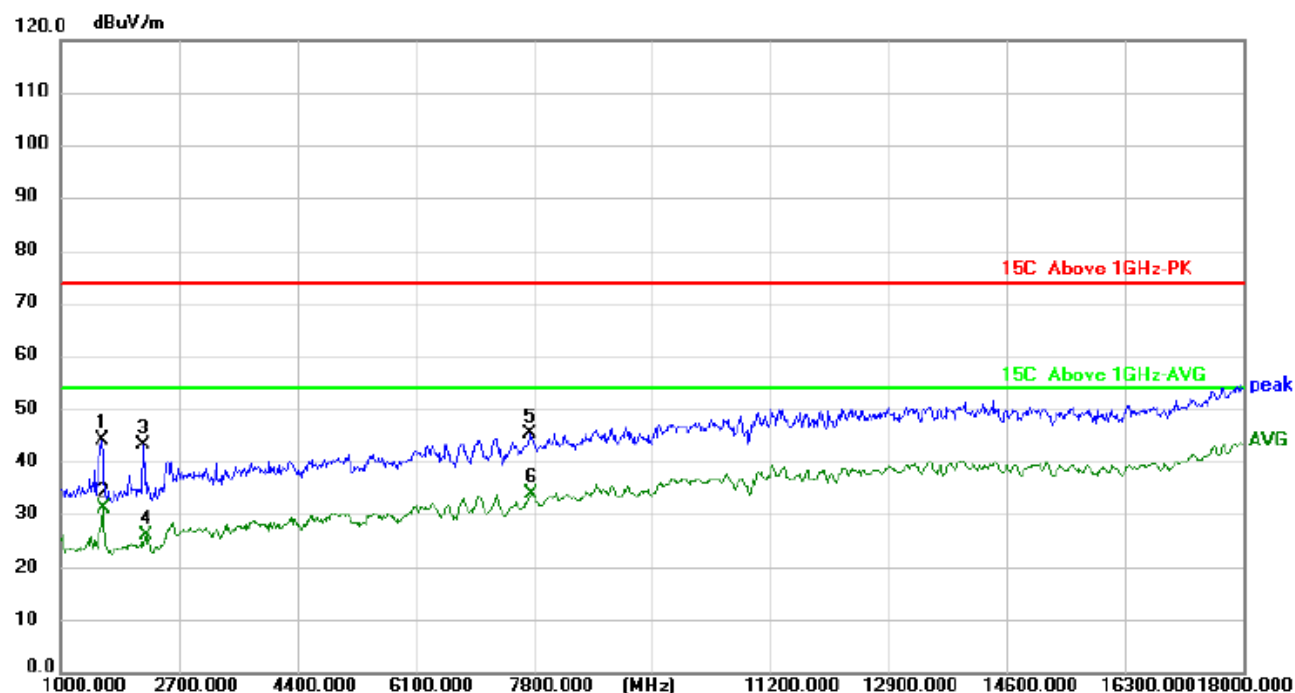
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1612.000	67.64	-18.68	48.96	74.00	-25.04	peak			P	
2 *	1612.000	55.41	-18.68	36.73	54.00	-17.27	AVG			P	
3	2207.000	64.07	-15.67	48.40	74.00	-25.60	peak			P	
4	2224.000	50.11	-15.62	34.49	54.00	-19.51	AVG			P	
5	3244.000	56.73	-11.50	45.23	74.00	-28.77	peak			P	
6	3261.000	44.49	-11.51	32.98	54.00	-21.02	AVG			P	
7	8106.000	43.52	2.01	45.53	74.00	-28.47	peak			P	
8	8123.000	32.47	2.05	34.52	54.00	-19.48	AVG			P	

2402MHz, ANT Polarization: Vertical



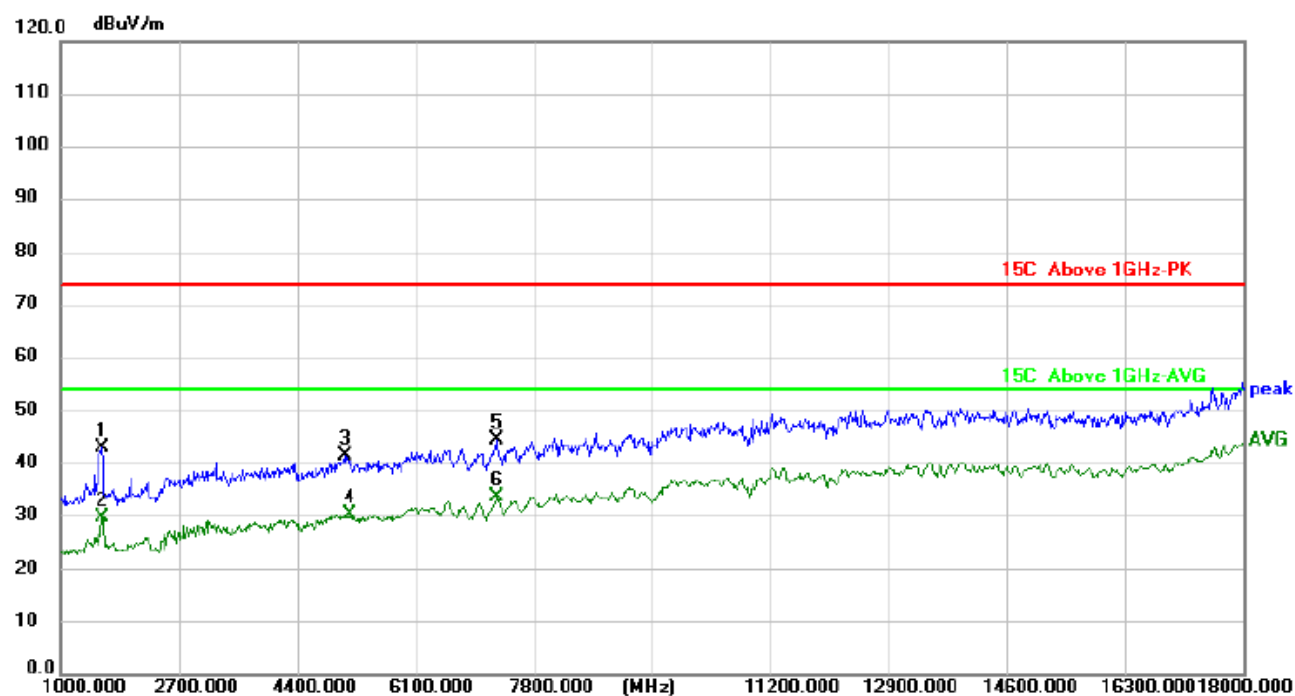
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	1595.000	71.08	-18.73	52.35	74.00	-21.65	peak			P	
2	1612.000	50.65	-18.68	31.97	54.00	-22.03	AVG			P	
3	2207.000	59.28	-15.67	43.61	74.00	-30.39	peak			P	
4	2224.000	43.20	-15.62	27.58	54.00	-26.42	AVG			P	
5	2547.000	56.87	-14.37	42.50	74.00	-31.50	peak			P	
6	2564.000	43.28	-14.29	28.99	54.00	-25.01	AVG			P	

2440MHz, ANT Polarization: Horizontal



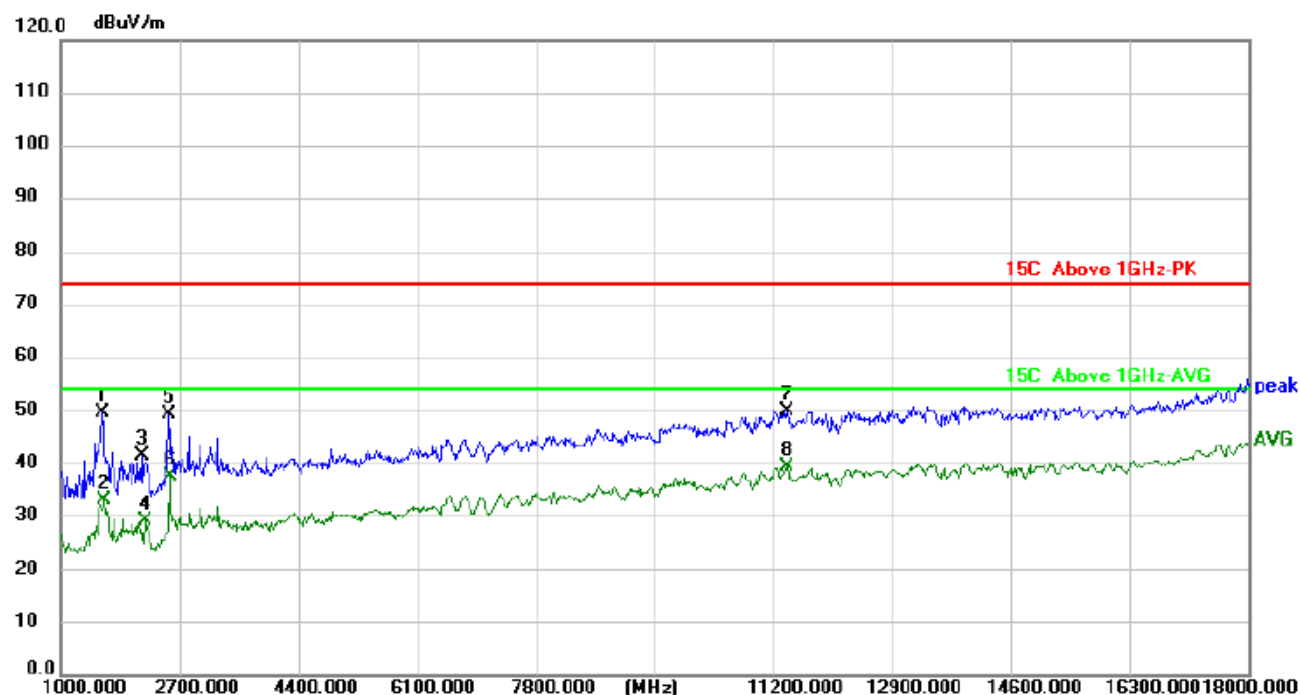
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1595.000	63.00	-18.73	44.27	74.00	-29.73	peak			P	
2	1612.000	50.13	-18.68	31.45	54.00	-22.55	AVG			P	
3	2190.000	59.16	-15.76	43.40	74.00	-30.60	peak			P	
4	2224.000	41.78	-15.62	26.16	54.00	-27.84	AVG			P	
5	7732.000	44.21	1.21	45.42	74.00	-28.58	peak			P	
6 *	7766.000	32.78	1.29	34.07	54.00	-19.93	AVG			P	

2440MHz, ANT Polarization: Vertical



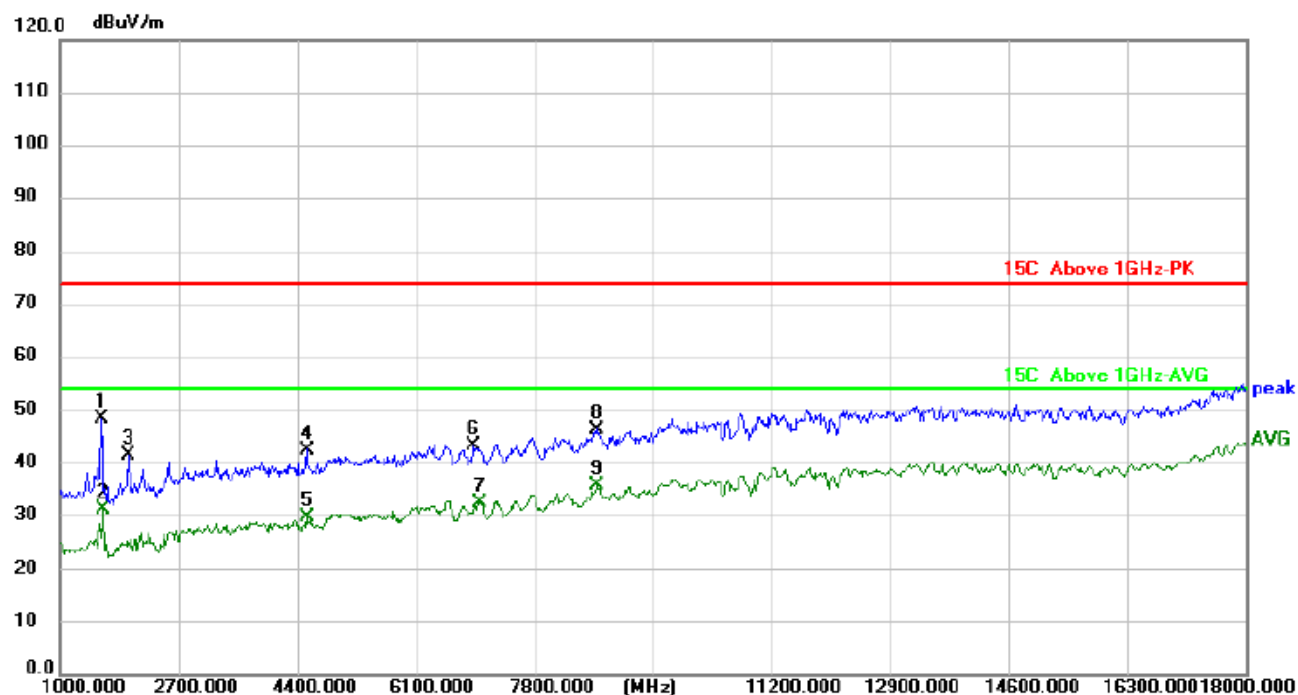
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1595.000	61.67	-18.73	42.94	74.00	-31.06	peak			P	
2	1595.000	48.65	-18.73	29.92	54.00	-24.08	AVG			P	
3	5080.000	47.16	-5.49	41.67	74.00	-32.33	peak			P	
4	5148.000	35.73	-5.40	30.33	54.00	-23.67	AVG			P	
5	7256.000	44.13	0.32	44.45	74.00	-29.55	peak			P	
6 *	7273.000	33.31	0.34	33.65	54.00	-20.35	AVG			P	

2480MHz, ANT Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1595.000	68.33	-18.73	49.60	74.00	-24.40	peak			P	
2	1629.000	51.66	-18.64	33.02	54.00	-20.98	AVG			P	
3	2156.000	57.58	-16.00	41.58	74.00	-32.42	peak			P	
4	2207.000	44.77	-15.67	29.10	54.00	-24.90	AVG			P	
5	2547.000	63.81	-14.37	49.44	74.00	-24.56	peak			P	
6	2564.000	51.99	-14.29	37.70	54.00	-16.30	AVG			P	
7	11387.000	41.49	8.44	49.93	74.00	-24.07	peak			P	
8 *	11387.000	30.92	8.44	39.36	54.00	-14.64	AVG			P	

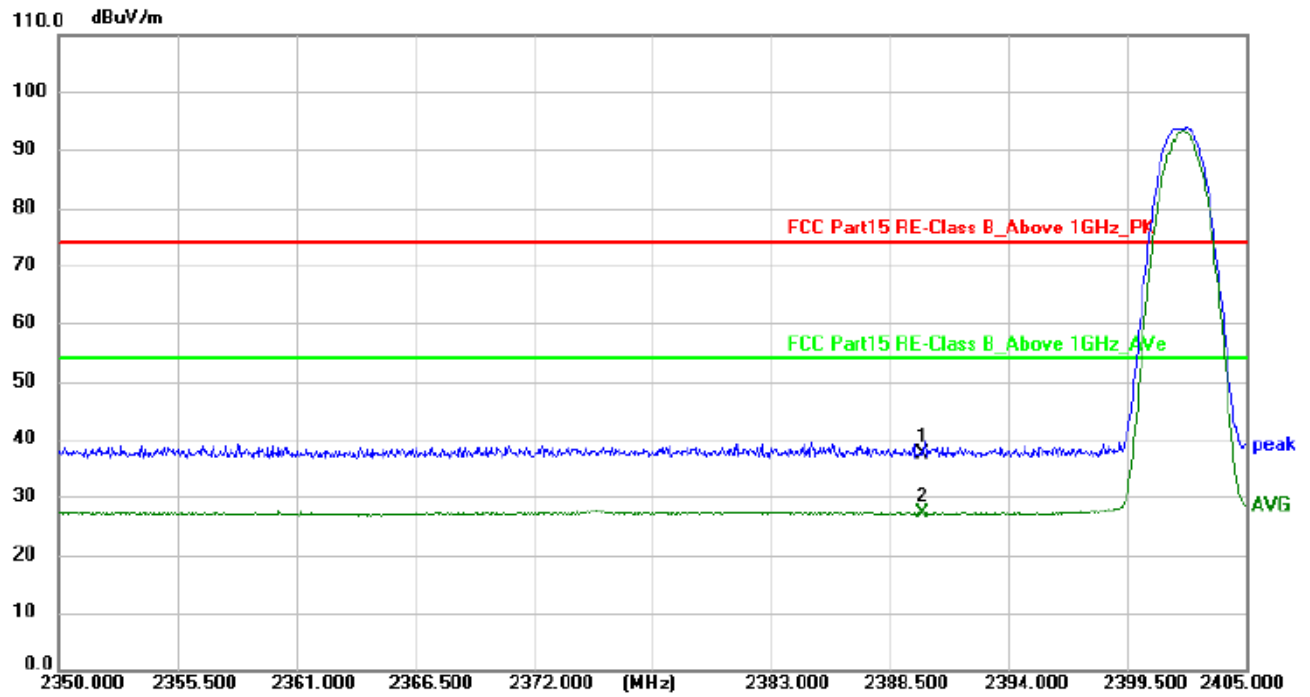
2480MHz, ANT Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1595.000	67.11	-18.73	48.38	74.00	-25.62	peak			P	
2	1629.000	49.88	-18.64	31.24	54.00	-22.76	AVG			P	
3	1986.000	58.82	-17.20	41.62	74.00	-32.38	peak			P	
4	4536.000	49.56	-6.96	42.60	74.00	-31.40	peak			P	
5	4536.000	36.96	-6.96	30.00	54.00	-24.00	AVG			P	
6	6933.000	43.57	-0.34	43.23	74.00	-30.77	peak			P	
7	7018.000	32.75	-0.07	32.68	54.00	-21.32	AVG			P	
8	8684.000	43.15	3.35	46.50	74.00	-27.50	peak			P	
9 *	8701.000	32.40	3.40	35.80	54.00	-18.20	AVG			P	

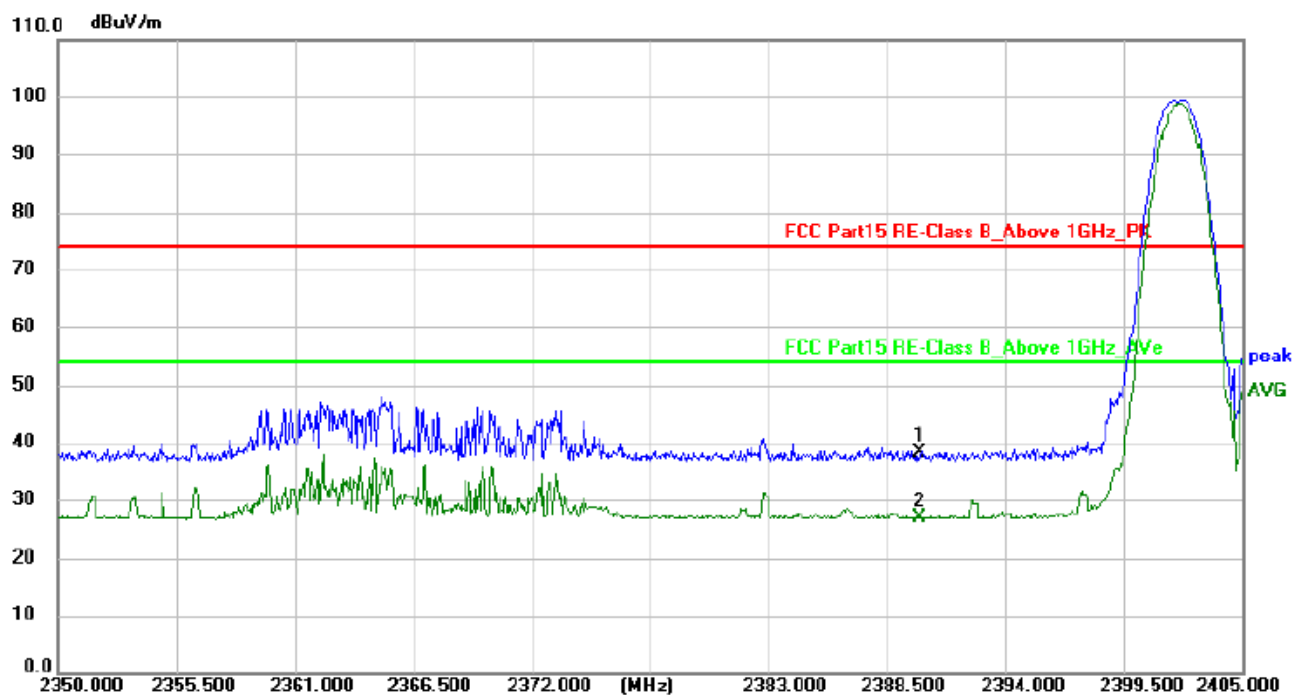
Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

2402MHz, ANT Polarization: Horizontal



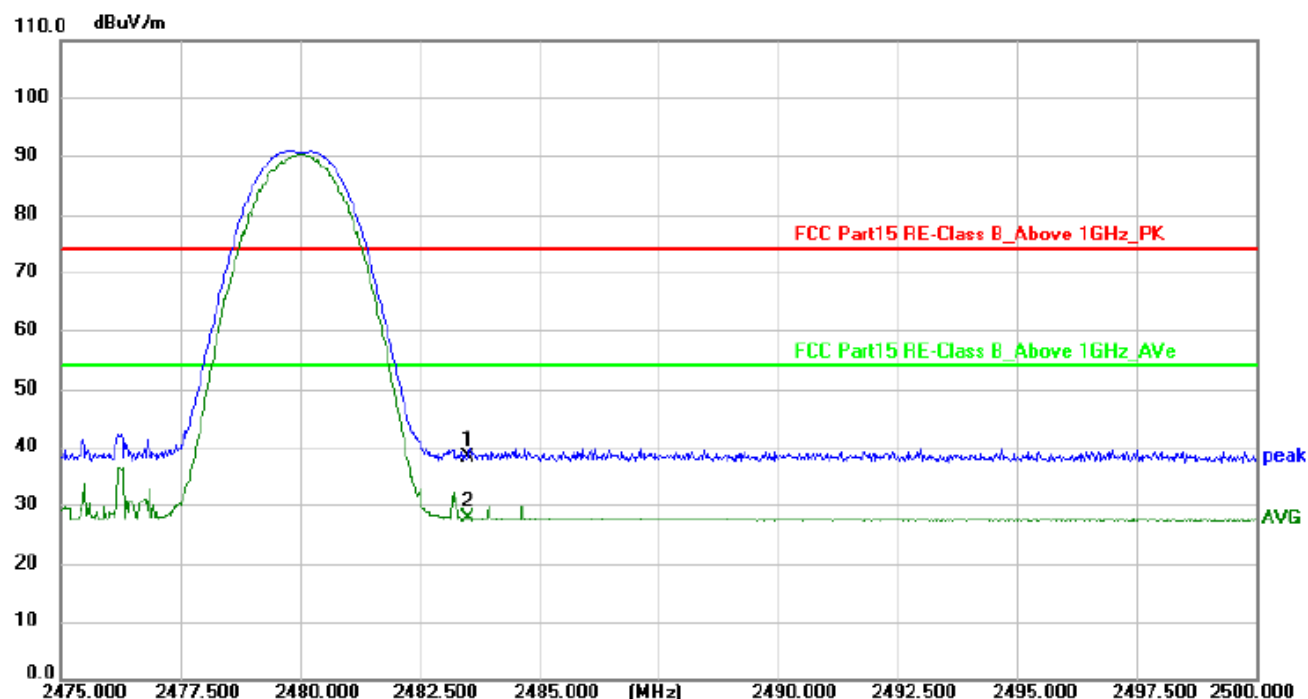
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2390.000	60.45	-22.81	37.64	74.00	-36.36	peak	150	360	P	
2 *	2390.000	50.06	-22.81	27.25	54.00	-26.75	RMS			P	

2402MHz, ANT Polarization: Vertical



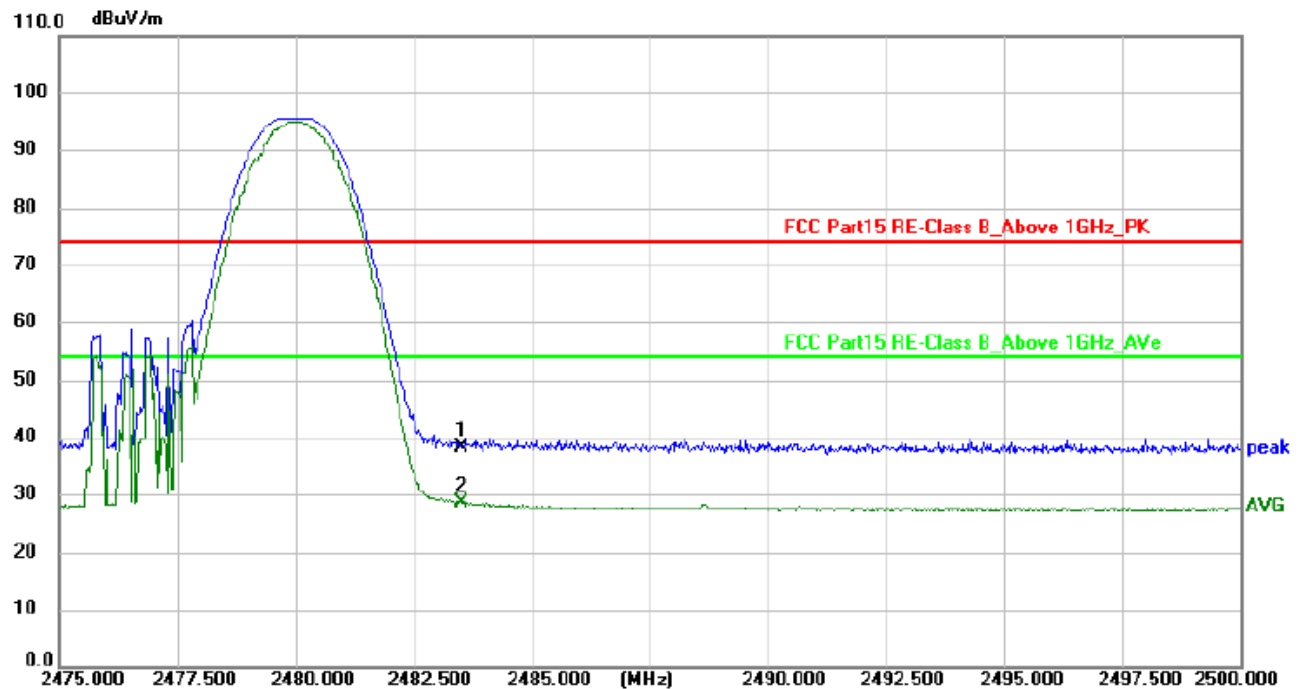
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2390.000	61.07	-22.81	38.26	74.00	-35.74	peak	150	0	P	
2 *	2389.985	50.02	-22.82	27.20	54.00	-26.80	AVG	150	0	P	

2480MHz, ANT Polarization: Horizontal



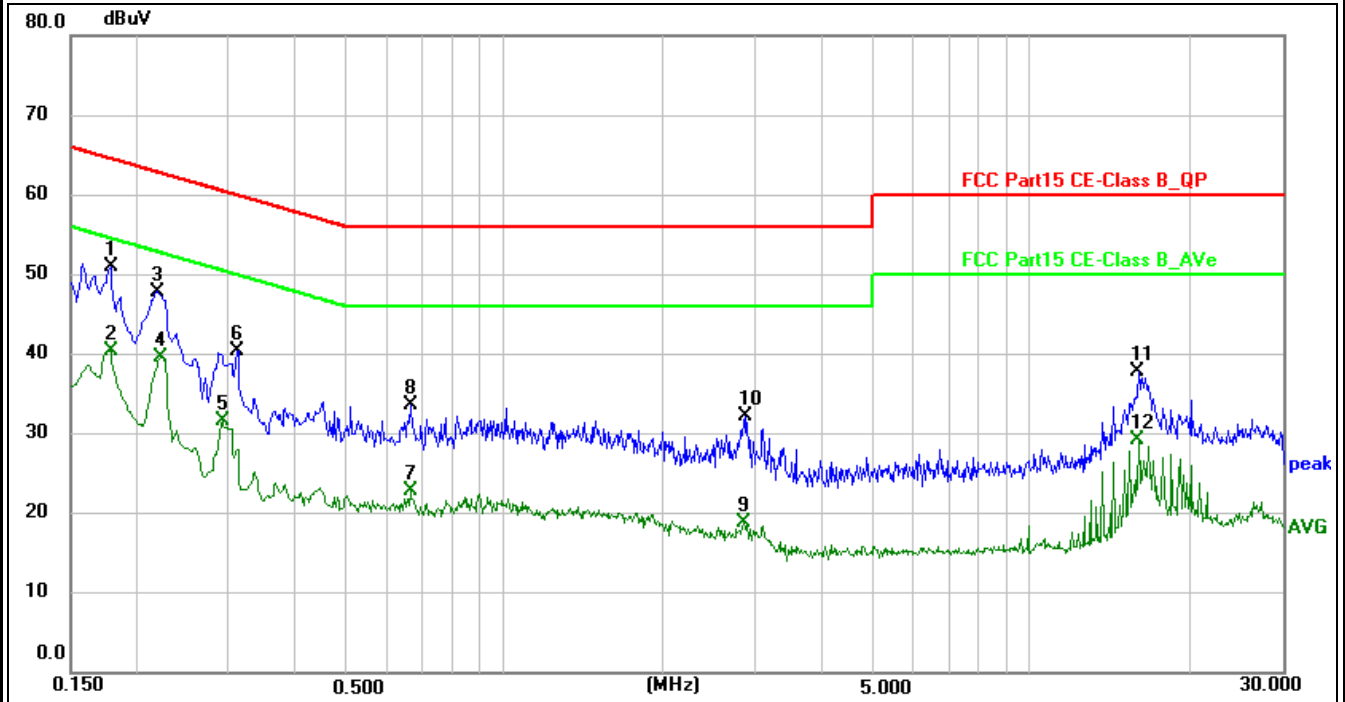
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	60.89	-22.59	38.30	74.00	-35.70	peak	150	360	P	
2 *	2483.500	50.56	-22.59	27.97	54.00	-26.03	AVG	150	360	P	

2480MHz, ANT Polarization: Vertical



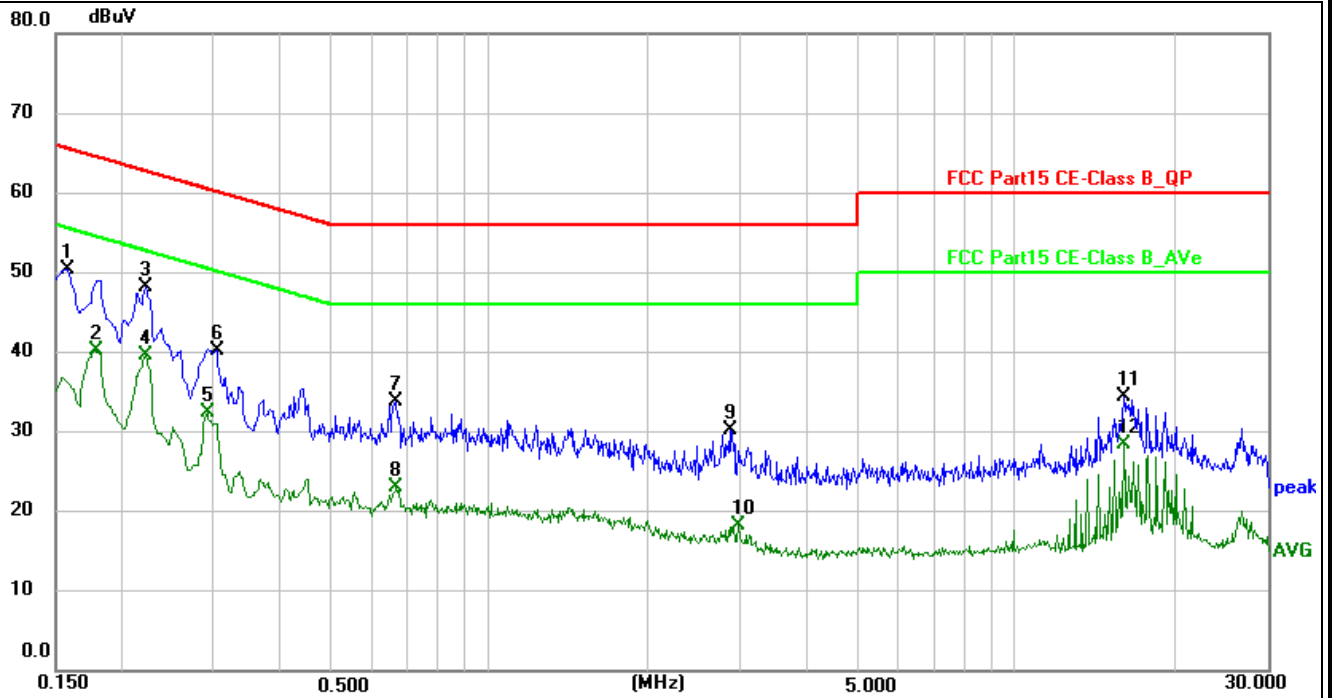
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	61.02	-22.59	38.43	74.00	-35.57	peak	150	0	P	
2 *	2483.500	51.33	-22.59	28.74	54.00	-25.26	AVG	150	0	P	

Appendix A.7: Test Plots of Conducted Emission on AC Mains



Site:		Phase:N	Temperature(C):22(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	Humidity(%):51%
EUT:	Portable Recording and Broadcasting Host		2024/8/2 10:06:07
M/N.:	WX-AX60	Power Rating:	AC120V/60Hz
Mode:	On, Wireless link	Test Engineer:	Neou

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	31.65	19.33	50.98	64.58	-13.60	peak
2	0.1780	21.13	19.33	40.46	54.58	-14.12	AVG
3	0.2180	28.55	19.33	47.88	62.89	-15.01	peak
4 *	0.2220	20.32	19.33	39.65	52.74	-13.09	AVG
5	0.2900	12.27	19.37	31.64	50.52	-18.88	AVG
6	0.3100	20.96	19.37	40.33	59.97	-19.64	peak
7	0.6620	3.36	19.39	22.75	46.00	-23.25	AVG
8	0.6660	14.30	19.39	33.69	56.00	-22.31	peak
9	2.8460	-0.68	19.45	18.77	46.00	-27.23	AVG
10	2.8580	12.80	19.45	32.25	56.00	-23.75	peak
11	16.0459	18.16	19.57	37.73	60.00	-22.27	peak
12	16.0459	9.67	19.57	29.24	50.00	-20.76	AVG



Site:		Phase:N	Temperature(C):22(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	Humidity(%):51%
EUT:	Portable Recording and Broadcasting Host		2024/8/2 10:06:07
M/N.:	WX-AX60	Power Rating:	AC120V/60Hz
Mode:	On, Wireless link	Test Engineer:	Neou

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	31.09	19.32	50.41	65.57	-15.16	peak
2	0.1780	20.86	19.32	40.18	54.58	-14.40	AVG
3	0.2220	28.84	19.32	48.16	62.74	-14.58	peak
4 *	0.2220	20.24	19.32	39.56	52.74	-13.18	AVG
5	0.2900	13.07	19.33	32.40	50.52	-18.12	AVG
6	0.3020	20.83	19.33	40.16	60.19	-20.03	peak
7	0.6660	14.50	19.39	33.89	56.00	-22.11	peak
8	0.6660	3.71	19.39	23.10	46.00	-22.90	AVG
9	2.8620	10.72	19.43	30.15	56.00	-25.85	peak
10	2.9700	-1.16	19.43	18.27	46.00	-27.73	AVG
11	16.0500	14.87	19.59	34.46	60.00	-25.54	peak
12	16.0500	8.81	19.59	28.40	50.00	-21.60	AVG

Appendix B: Test Results of 2.4GHz WIFI

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Appendix B.1: Test Results of Conducted Output Power

Test Result

Conducted Output Power

Mode	Channel	Ant. 0 (dBm)	Ant. 1 (dBm)	Total(MIMO) (dBm)	Total(MIMO) (W)	Limit (dBm)	Result
IEEE 802.11b	1	1.07	0.96	4.026	0.0025	≤30	PASS
	6	0.82	-3.07	2.307	0.0017	≤30	PASS
	11	1.52	-3.43	2.725	0.0019	≤30	PASS
IEEE 802.11g	1	7.28	6.22	9.793	0.0095	≤30	PASS
	6	7.05	5.61	9.400	0.0087	≤30	PASS
	11	7.13	5.27	9.309	0.0085	≤30	PASS
IEEE 802.11n_20	1	7.07	6.49	9.800	0.0095	≤30	PASS
	6	6.67	5.37	9.079	0.0081	≤30	PASS
	11	6.91	5.17	9.137	0.0082	≤30	PASS
IEEE 802.11n_40	3	7.28	6.18	9.775	0.0095	≤30	PASS
	6	7.22	2.84	8.571	0.0072	≤30	PASS
	9	7.01	5.47	9.318	0.0085	≤30	PASS

ISED EIRP

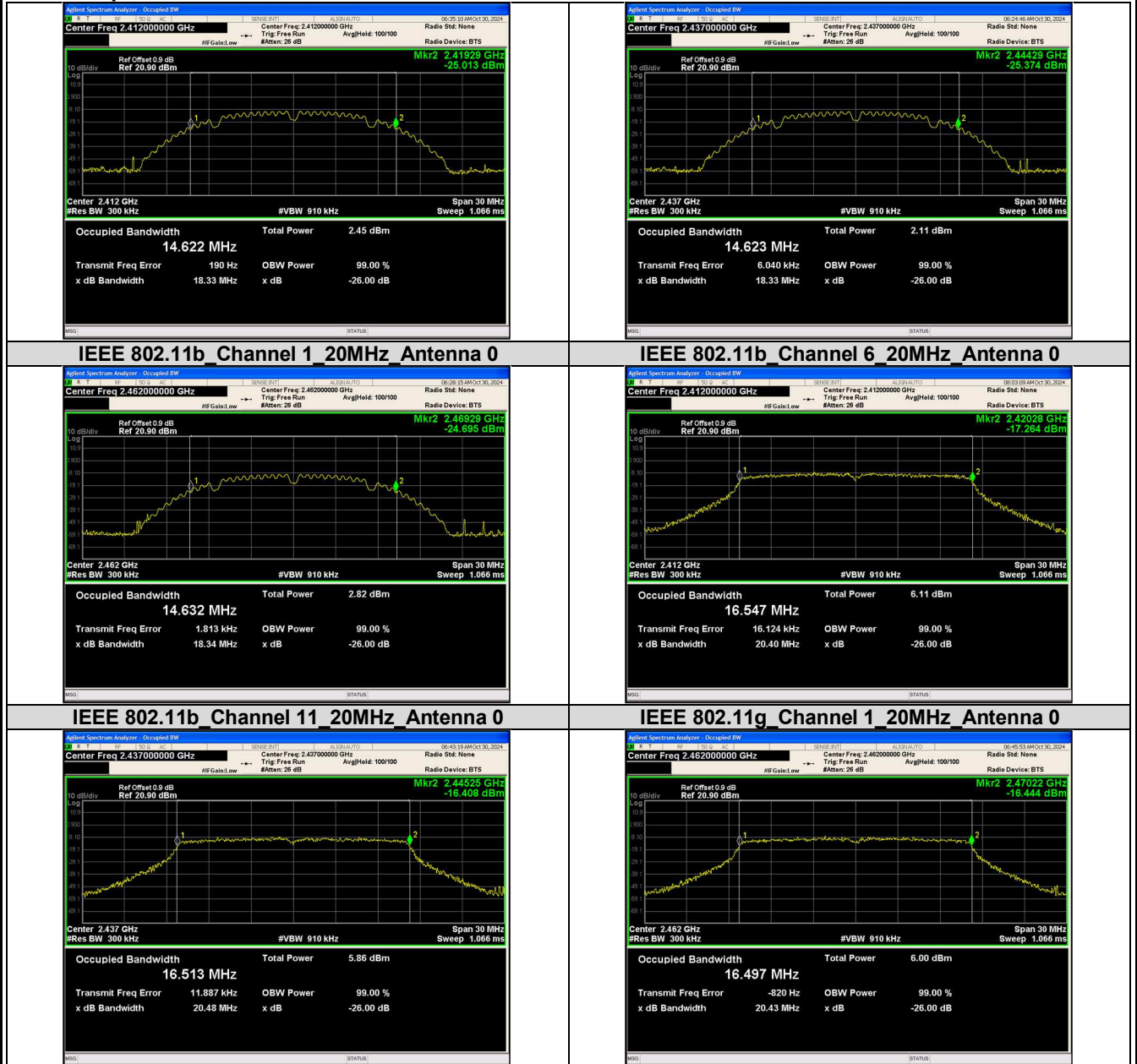
Mode	Channel	Ant. 0 (dBm)	Ant. 1 (dBm)	Total(MIMO) (dBm)	Total(MIMO) (W)	Limit (dBm)	Result
IEEE 802.11b	1	2.36	2.25	5.316	0.0034	≤36.02	PASS
	6	2.11	-1.78	3.597	0.0023	≤36.02	PASS
	11	2.81	-2.14	4.015	0.0025	≤36.02	PASS
IEEE 802.11g	1	8.57	7.51	11.083	0.0128	≤36.02	PASS
	6	8.34	6.90	10.690	0.0117	≤36.02	PASS
	11	8.42	6.56	10.599	0.0115	≤36.02	PASS
IEEE 802.11n_20	1	8.36	7.78	11.090	0.0129	≤36.02	PASS
	6	7.96	6.66	10.369	0.0109	≤36.02	PASS
	11	8.20	6.46	10.427	0.0110	≤36.02	PASS
IEEE 802.11n_40	3	8.57	7.47	11.065	0.0128	≤36.02	PASS
	6	8.51	4.13	9.861	0.0097	≤36.02	PASS
	9	8.30	6.76	10.608	0.0115	≤36.02	PASS

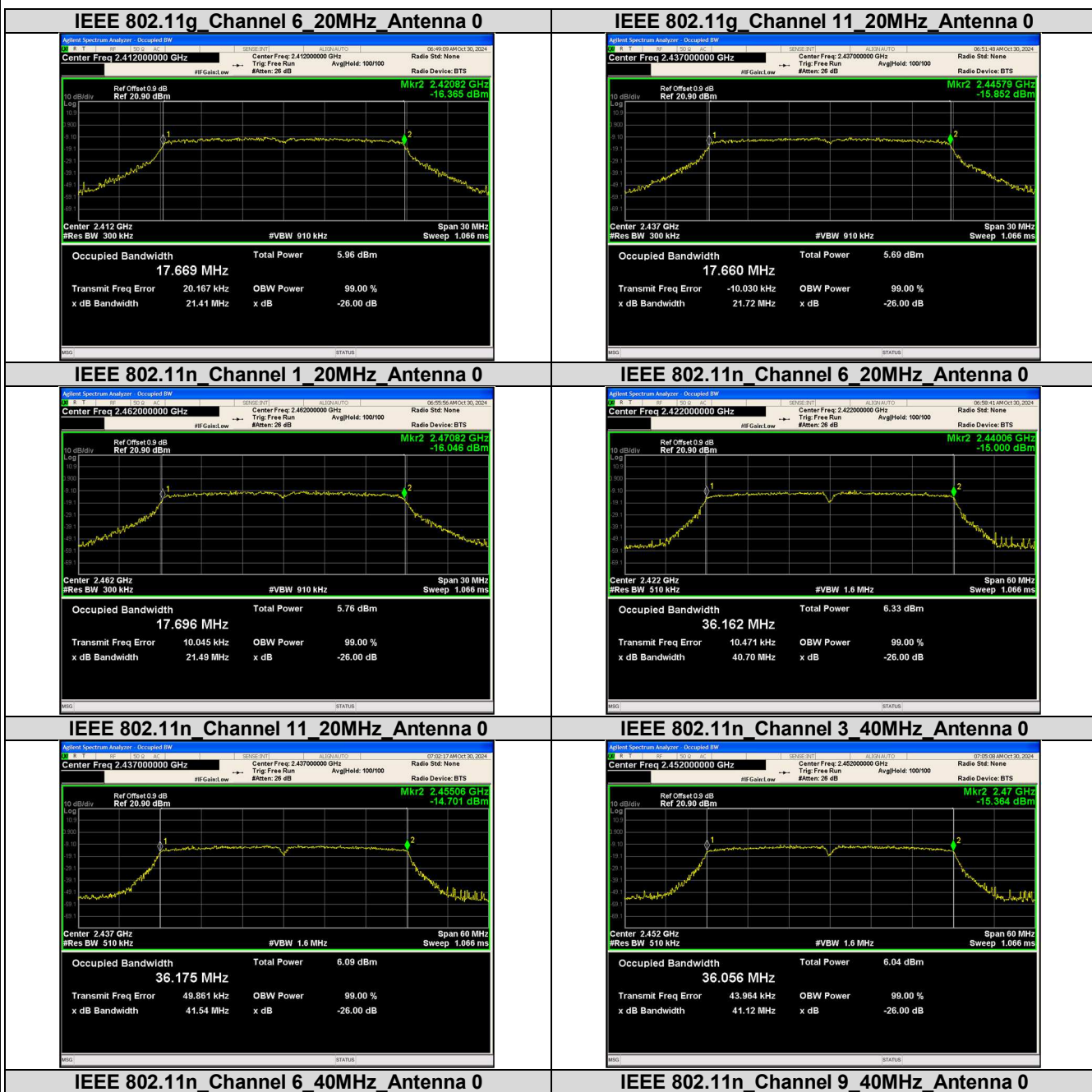
Appendix B.2: Test Results of 99% Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	14.622
	6		2437	14.623
	11		2462	14.632
IEEE 802.11g	1		2412	16.547
	6		2437	16.513
	11		2462	16.497
IEEE 802.11n_20	1		2412	17.669
	6		2437	17.660
	11		2462	17.696
IEEE 802.11n_40	3		2422	36.162
	6		2437	36.175
	9		2452	36.056

Test Graphs



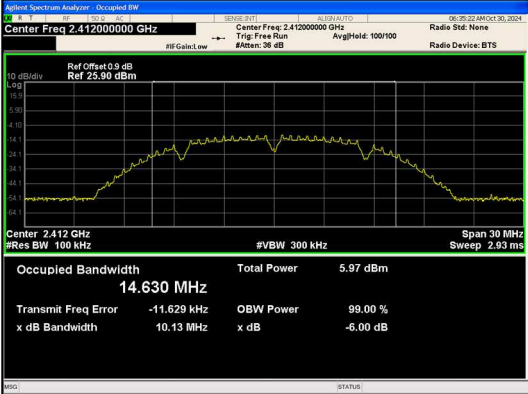
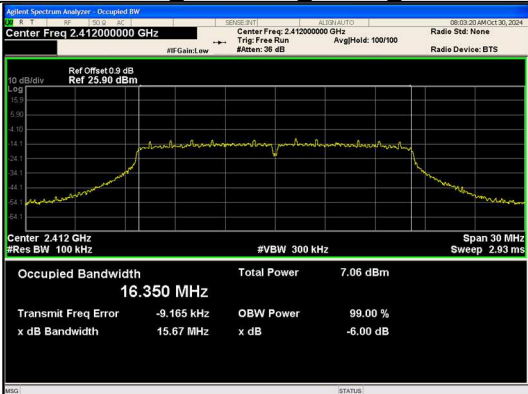


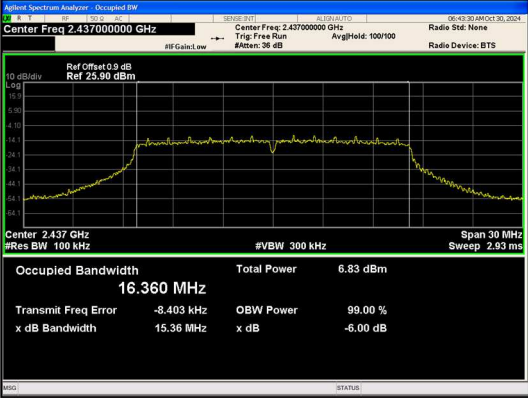
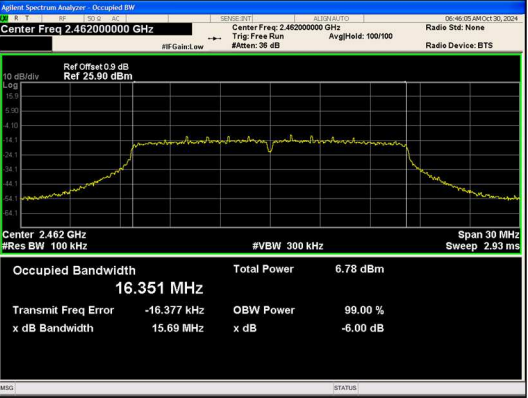
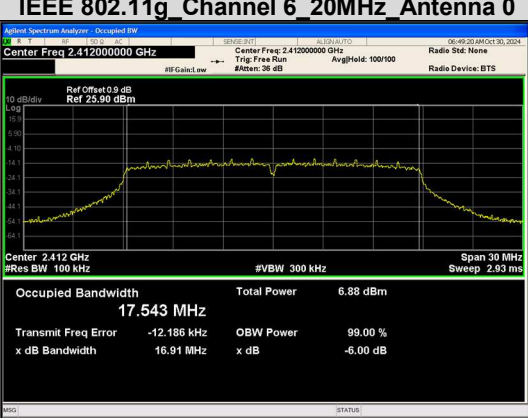
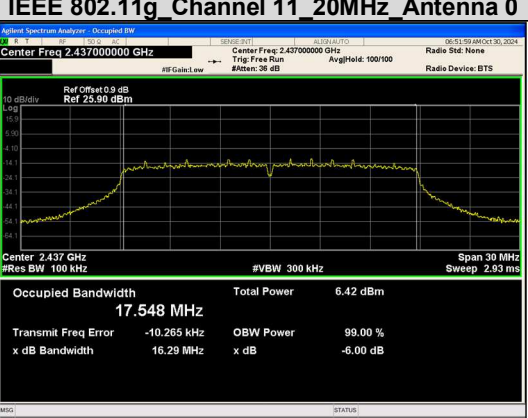
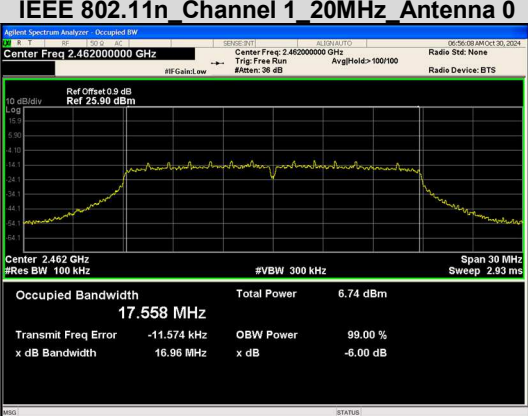
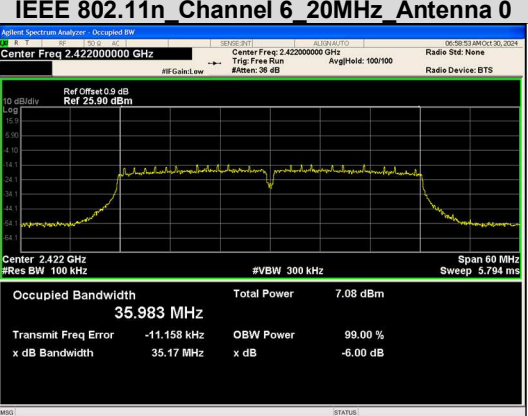
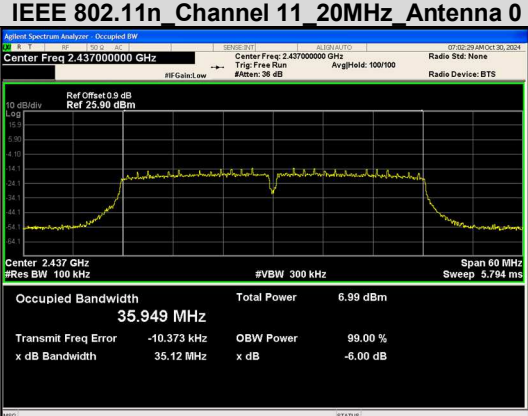
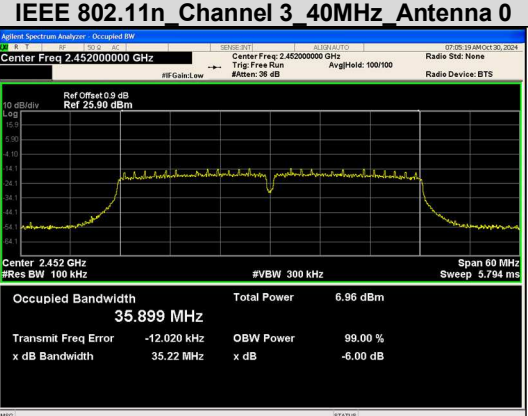
Appendix B.3: Test Results of 6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	10.13	≥0.5	PASS
	6		2437	10.13		PASS
	11		2462	10.12		PASS
IEEE 802.11g	1		2412	15.67		PASS
	6		2437	15.36		PASS
	11		2462	15.69		PASS
IEEE 802.11n_20	1		2412	16.91		PASS
	6		2437	16.29		PASS
	11		2462	16.96		PASS
IEEE 802.11n_40	3		2422	35.17		PASS
	6		2437	35.12		PASS
	9		2452	35.22		PASS

Test Graphs

 IEEE 802.11b Channel 1 20MHz Antenna 0	 IEEE 802.11b Channel 6 20MHz Antenna 0
 IEEE 802.11b Channel 11 20MHz Antenna 0	 IEEE 802.11g Channel 1 20MHz Antenna 0

 IEEE 802.11g Channel 6 20MHz Antenna 0	 IEEE 802.11g Channel 11 20MHz Antenna 0
 IEEE 802.11n Channel 1 20MHz Antenna 0	 IEEE 802.11n Channel 6 20MHz Antenna 0
 IEEE 802.11n Channel 11 20MHz Antenna 0	 IEEE 802.11n Channel 3 40MHz Antenna 0
 IEEE 802.11n Channel 6 40MHz Antenna 0	 IEEE 802.11n Channel 9 40MHz Antenna 0

Appendix B.4: Test Results of Conducted Out of Band Emission

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2396.32	-52.183	-30.75	-21.433	PASS
			2400.00	-52.571	-30.75	-21.821	PASS
			4808.80	-53.927	-30.75	-23.177	PASS
			7235.80	-51.597	-30.75	-20.847	PASS
			9637.70	-53.146	-30.75	-22.396	PASS
	6		24774.8	-37.784	-30.75	-7.034	PASS
			4883.89	-53.436	-31.01	-22.426	PASS
			7310.83	-51.952	-31.01	-20.942	PASS
			9762.80	-52.455	-31.01	-21.445	PASS
			24799.8	-38.324	-31.01	-7.314	PASS
	11		2483.50	-55.380	-30.23	-25.150	PASS
			4933.93	-52.359	-30.23	-22.129	PASS
			7385.89	-52.923	-30.23	-22.693	PASS
			9837.86	-52.884	-30.23	-22.654	PASS
			24749.8	-38.151	-30.23	-7.921	PASS
IEEE 802.11g	1		904.75	-53.620	-30.29	-23.330	PASS
			2400.00	-49.264	-30.29	-18.974	PASS
			4883.89	-52.420	-30.53	-21.890	PASS
	6		7310.83	-52.344	-30.53	-21.814	PASS
			9762.80	-52.627	-30.53	-22.097	PASS
			24774.8	-37.939	-30.53	-7.409	PASS
	11		2483.50	-54.343	-30.61	-23.733	PASS
			4933.93	-52.950	-30.61	-22.340	PASS
			7385.89	-52.130	-30.61	-21.520	PASS
			9862.88	-51.998	-30.61	-21.389	PASS
			24849.9	-38.339	-30.61	-7.729	PASS
IEEE 802.11n_20	1		2400.00	-46.589	-31.01	-15.579	PASS
			4808.83	-53.948	-31.01	-22.938	PASS
			7235.77	-52.564	-31.01	-21.554	PASS
			9637.70	-52.984	-31.01	-21.974	PASS
			24874.9	-36.849	-31.01	-5.839	PASS
	6		4883.89	-53.300	-31.05	-22.250	PASS
			7310.83	-52.323	-31.05	-21.273	PASS
			9737.78	-52.946	-31.05	-21.896	PASS
			24874.9	-38.290	-31.05	-7.240	PASS
			2483.50	-53.630	-31.16	-22.470	PASS
	11		4933.93	-53.195	-31.16	-22.035	PASS
			7385.89	-51.135	-31.16	-19.975	PASS
			9837.86	-52.432	-31.16	-21.272	PASS
			24749.8	-36.650	-31.16	-5.490	PASS
IEEE 802.11n_40	3		2400.00	-50.277	-33.5	-16.777	PASS
			4883.89	-51.950	-33.5	-18.450	PASS
			7285.81	-51.103	-33.5	-17.603	PASS
			9687.74	-53.251	-33.5	-19.751	PASS
			24950.0	-38.522	-33.5	-5.022	PASS
	6		4883.89	-53.118	-33.52	-19.598	PASS
			7285.81	-50.995	-33.52	-17.475	PASS
			9762.80	-52.857	-33.52	-19.337	PASS
			24699.8	-38.479	-33.52	-4.959	PASS
			2483.50	-53.998	-33.68	-20.318	PASS
	9		4933.93	-52.003	-33.68	-18.323	PASS
			7385.89	-51.705	-33.68	-18.025	PASS
			9837.86	-52.460	-33.68	-18.780	PASS
			24749.8	-38.346	-33.68	-4.666	PASS

Test Graphs