

Test Report No:
2350790R-RFUSV01S-A

TEST REPORT

FCC Rules&Regulations

Product Name	VX3 HD Outdoor Camera
Brand Name	resideo
Model No.	CAMWE-WO
FCC ID	CFS8DLCAMWEWO1
Applicant's Name / Address	Ademco Inc. 2 Corporate Center Drive, Suite 100, Melville, New York 11747, United States
Manufacturer's Name / Address	XAVi Technologies Corporation 22 F., No. 69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241561, Taiwan (R.O.C.)
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	<i>Amelia Wu</i> Amelia Wu
Approved By	<i>Rueyuan Lin</i> Rueyuan Lin
Date of Receipt	May 29, 2023
Date of Issue	Aug. 31, 2023
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V0.1-Draft	Initial issue of report	Aug. 31, 2023

Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	AC Power Line Conducted Emission	PASS	-
4	Occupied Bandwidth & DTS Bandwidth	PASS	-
5	Maximum Conducted Output Power	PASS	-
6	Maximum Power Spectral Density	PASS	-
7	Antenna Port Conducted Emission	PASS	-
8	Transmitter Radiated Spurious Emission	PASS	-

Comments and Explanations

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	2400 ~ 2483.5 MHz	
Operating Frequency	IEEE 802.11b/g IEEE 802.11n/ac (20 MHz)	2412 ~ 2462 MHz
	IEEE 802.11n/ac (40 MHz)	2422 ~ 2452 MHz
Channel Number	IEEE 802.11b/g IEEE 802.11n/ac (20 MHz)	11 Channels
	IEEE 802.11n/ac (40 MHz)	7 Channels
Type of Modulation	IEEE 802.11b	DSSS-DBPSK, DQPSK, CCK
	IEEE 802.11g/n	OFDM-BPSK, QPSK, 16QAM, 64QAM
	IEEE 802.11ac	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM

Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Rating
1	SWITCHING POWER SUPPLY (Adapter)	KLEC	KL-WA120100-E	INPUT: 100-240V, 50/60Hz 0.5A OUTPUT: 12.0V, 1.0A

Antenna Information						
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)	Maximum Antenna Gain (dBi)	Directional Gain (dBi)
0	LYNwave	ALX18M052AA3	Embedded	1.80	2.30	5.06
1	Xavi	LED ante	PCB	2.30		

For IEEE 802.11b/g: (1TX/1RX)

Only Ant. 1 can be used as transmitting/receiving functions.

For IEEE 802.11n/ac: (2TX, 2RX)

Both Ant. 0 and Ant. 1 can be used as transmitting/receiving antennas, and them can transmit/receive signal simultaneously.

1.2. EUT Information

EUT Power Type	From Adapter / PoE			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming

1.3. Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.4. Testing Location Information

Testing Location Information		
Test Laboratory : DEKRA Testing and Certification Co., Ltd.		
1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958	
2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958	
Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
AC Conduction Emission	HC-SR02	Igor Tseng	23 / 58	2023/06/08
RF Conducted Emission	HC-SR12	Clemens Fang	22 / 65	2023/06/08
Radiated Emission	HC-CB04	Cyril Yang Scott Chang	21 ~21.5 / 59~63	2023/06/06~2023/06/09

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Test Item	Uncertainty
AC Power Line Conducted Emission	± 2.34 dB
Occupied Bandwidth & DTS Bandwidth	± 282.55 Hz
Maximum Conducted Output Power	± 1.16 dB
Maximum Power Spectral Density	± 2.47 dB
Antenna Port Conducted Emission	± 2.47 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz

1.6. List of Test Equipment

HC-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2022/12/19	2023/12/18
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2022/09/28	2023/09/27
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2023/06/02	2024/06/01
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz-2500 MHz	2022/08/15	2023/08/14
EMI Testing System	AUDIX	e3 210616 dekra V9	HC-SR02	N/A	N/A	N/A

HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2022/11/02	2023/11/01
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2022/11/02	2023/11/01
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2022/11/02	2023/11/01
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2022/07/13	2023/07/12

HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2022/09/29	2023/09/28
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2022/06/14	2023/06/13
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18E N	1G-18GHz	2022/11/15	2023/11/14
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2023/02/13	2024/02/12
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2023/04/07	2024/04/06
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2022/07/04	2023/07/03
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2022/09/27	2023/09/26
Coaxial Cable(10m)	Suhner	SF102_SF104	HC-CB04	30M-18 GHz	2022/08/08	2023/08/07
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB04_1	18G-40 GHz	2022/08/14	2023/08/13
EMI Test Receiver	R&S	ESR7	102260	10 Hz-7 GHz	2022/12/01	2023/11/30
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2022/10/21	2023/10/20
Radiated Software	AUDIX	e3 V9	HC-CB04_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 120V/60Hz

2.2. Test Channel Mode

Test Software	TeraTerm
---------------	----------

Modulation	Frequency (MHz)	Power Setting
802.11b	2412	106
	2437	116
	2462	114
802.11g	2412	74
	2437	97
	2462	83
802.11ac (20 MHz)	2412	71/83
	2437	95/107
	2462	79/91
802.11ac (40 MHz)	2422	67/79
	2437	77/89
	2452	65/77

2.3. Duty Cycle

Modulation	On Times (ms)	On+Off Times (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	12.350	12.800	96.48	0.155	0.081
802.11g	2.060	2.220	92.79	0.325	0.485
802.11ac (20 MHz)	1.920	2.080	92.31	0.348	0.521
802.11ac (40 MHz)	0.940	1.110	84.68	0.722	1.064



2.4. The Worst Case Measurement Configuration

Tests Item	AC Power Line Conducted Emission
Test Condition	AC power line conducted measurement for line and neutral
Operating Mode	Transmit
1	EUT + Adapter
2	EUT + PoE

Tests Item	Occupied Bandwidth & DTS Bandwidth Maximum Conducted Output Power Maximum Power Spectral Density Antenna Port Conducted Emission
Test Condition	Conducted measurement at transmit chains

Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Transmit
1	EUT + Adapter
2	EUT + PoE
Operating Mode > 1GHz	Transmit

The EUT was performed at X axis, Y axis and Z axis position for transmitter radiated spurious emission test. The worst case was found at Z axis, so the measurement will follow this same test configuration.

Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11ac mode for HT20/HT40 and 802.11ac mode for VHT20/VHT40, therefore investigated worst case to representative mode in test report.

2.5. Tested System Details

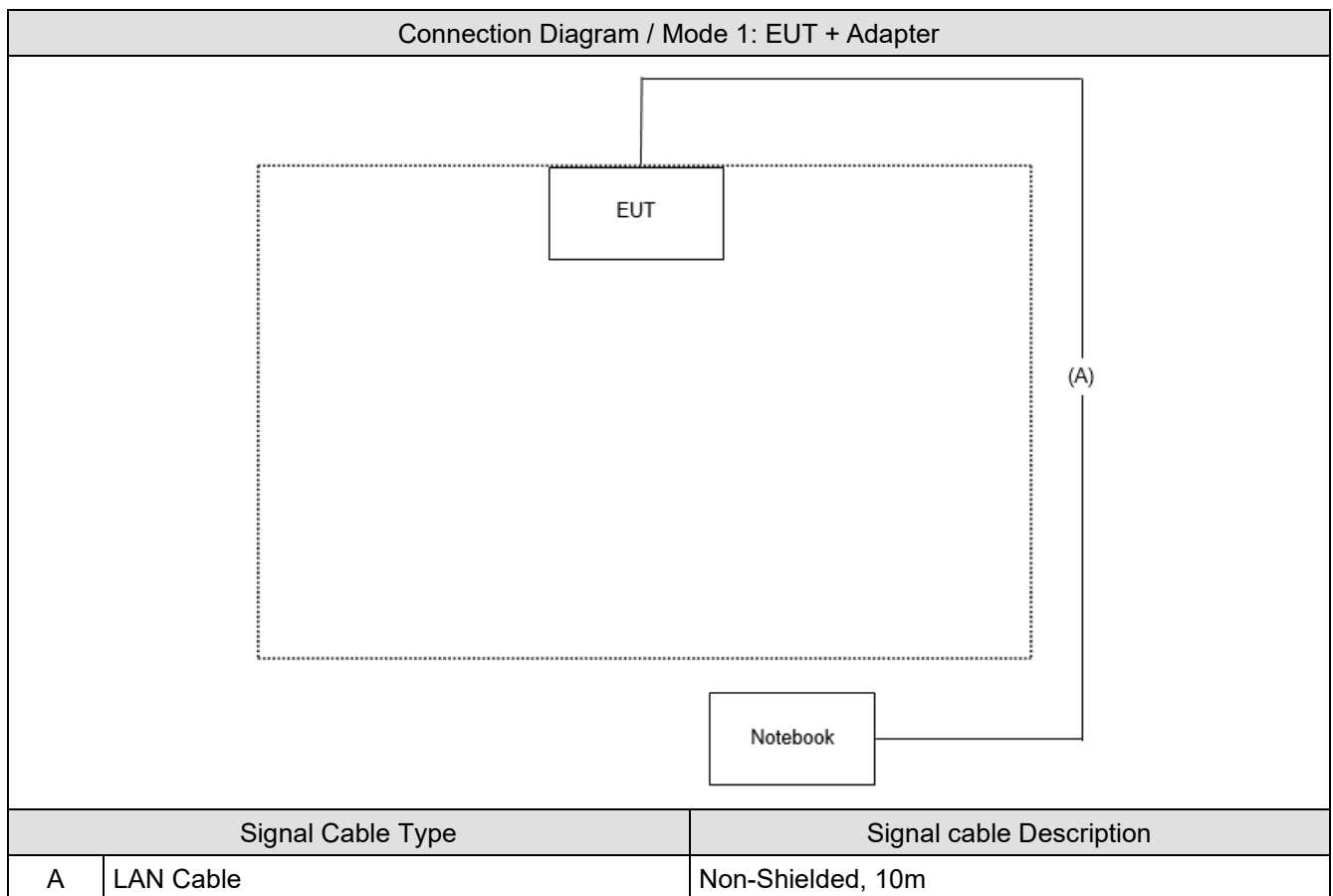
Mode 1: EUT + Adapter

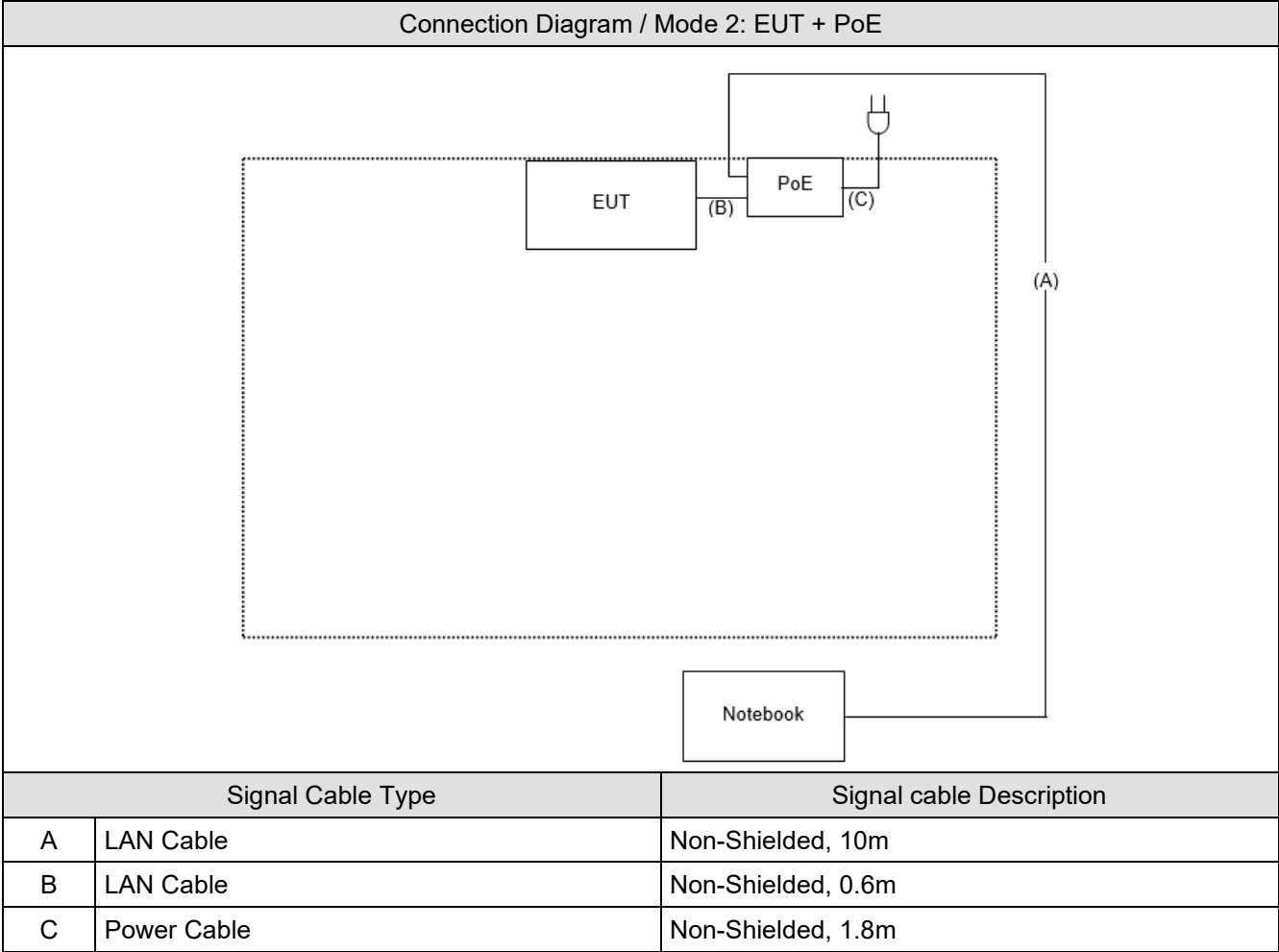
No.	Equipment	Brand Name	Model No.	Serial No.	FCC ID
1	Notebook	DELL	Latitude E6320	8611271467	SDoC

Mode 2: EUT + PoE

No.	Equipment	Brand Name	Model No.	Serial No.	FCC ID
1	Notebook	DELL	Latitude E6320	8611271467	SDoC
2	PoE	BulletPoE	BPI100-H	2205190176	SDoC

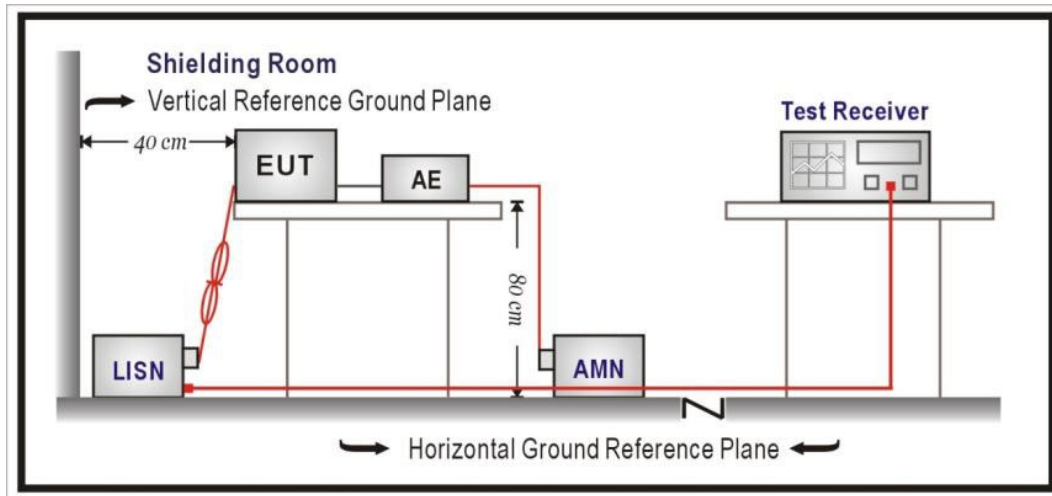
2.6. Configuration of Tested System





3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.3. Test Procedure

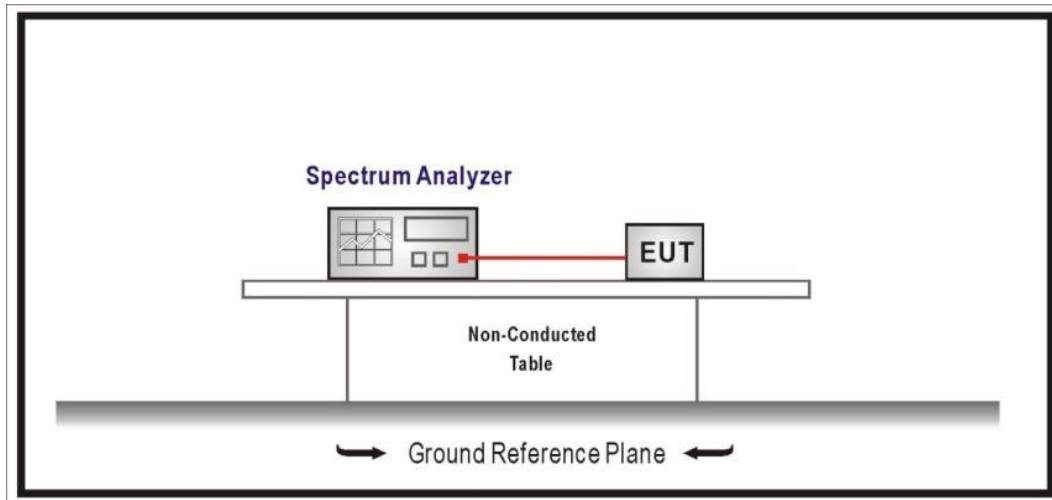
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. Occupied Bandwidth & DTS Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 0.50 MHz.

Occupied Bandwidth: NA

4.3. Test Procedures

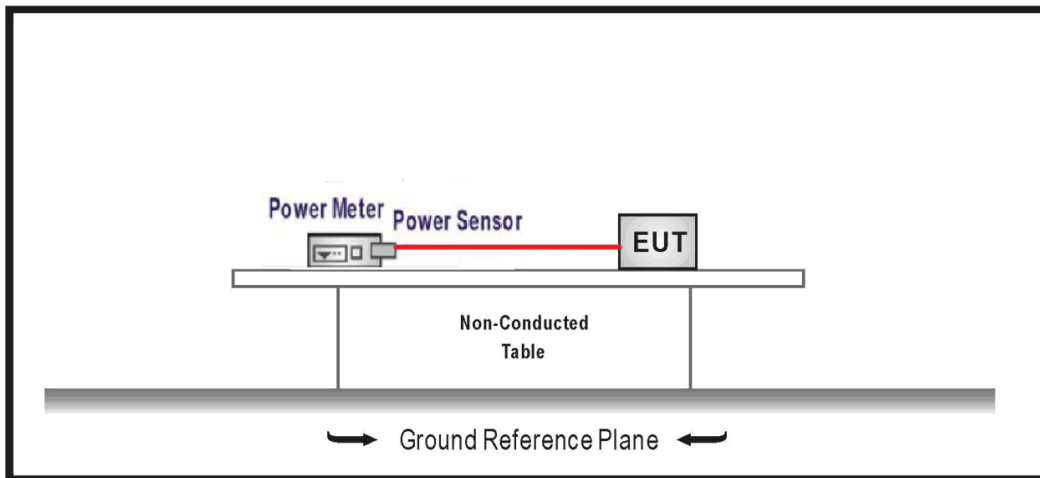
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of Occupied Bandwidth & DTS Bandwidth

Refer as Appendix B

5. Maximum Conducted Output Power

5.1. Test Setup



5.2. Test Limit

The maximum conducted output power shall be less 30 dBm (1 Watt).

5.3. Test Procedures

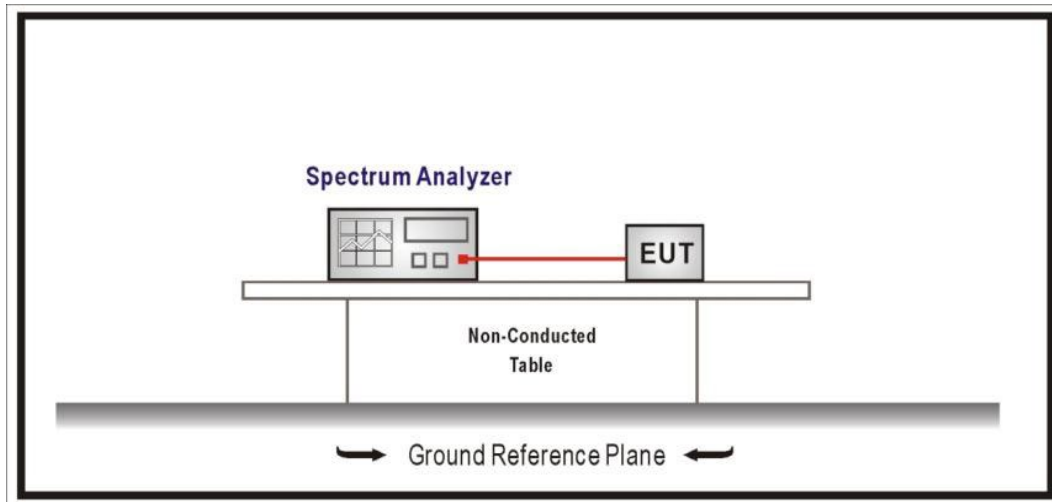
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Maximum Power Spectral Density

6.1. Test Setup



6.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.3. Test Procedures

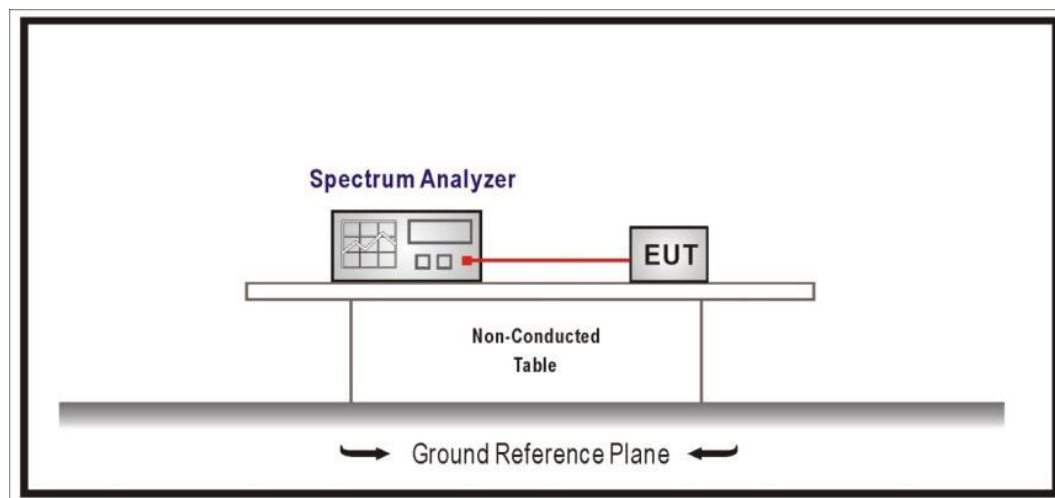
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

7. Antenna Port Conducted Emission

7.1. Test Setup



7.2. Test Limit

RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30

Remarks:

1. In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limit.
2. If the transmitter complies with the conducted power limit based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

7.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

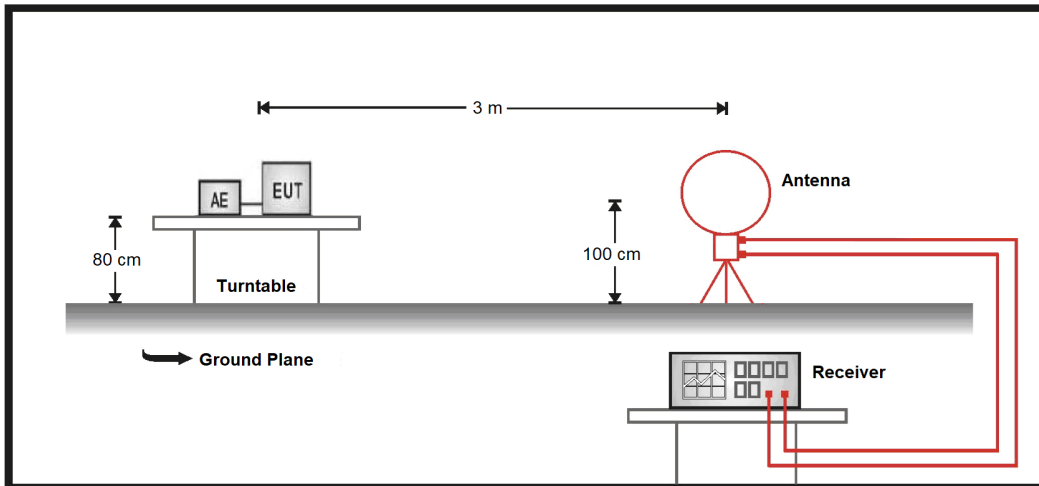
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

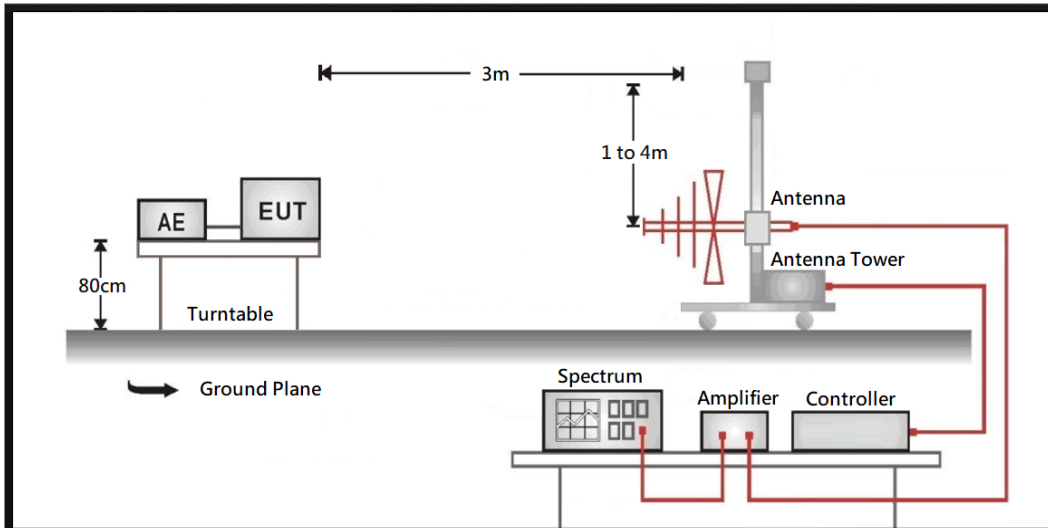
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

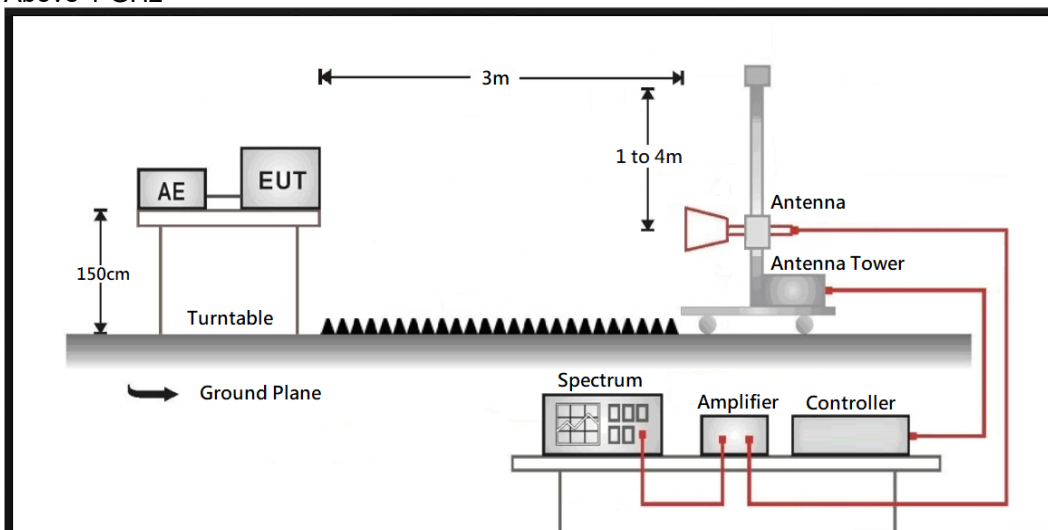
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



8.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

8.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

On any frequency or frequencies from 9 kHz(include The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

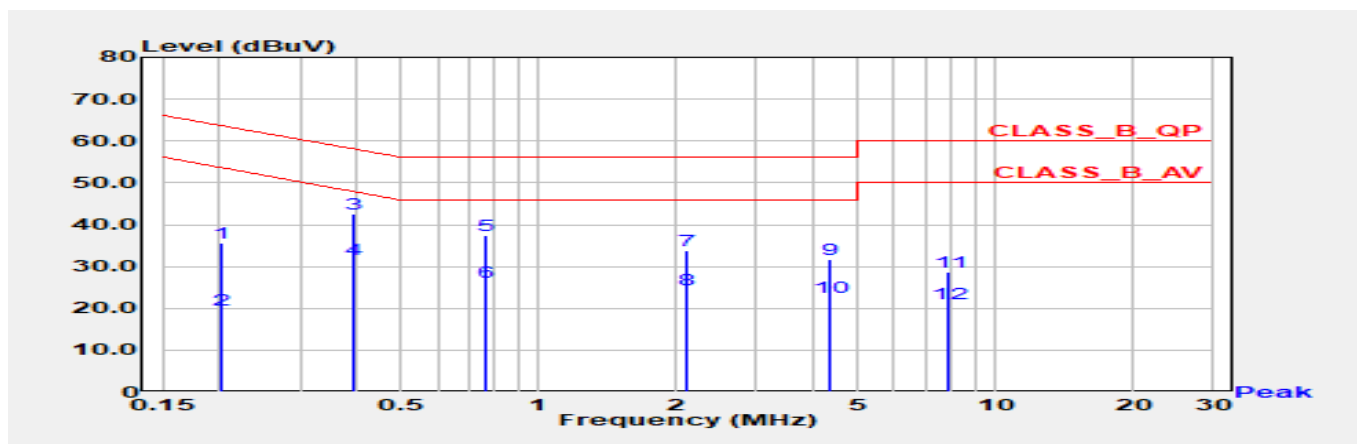
The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

8.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode	Mode 1: EUT + Adapter	Phase	Line
Test Condition	802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

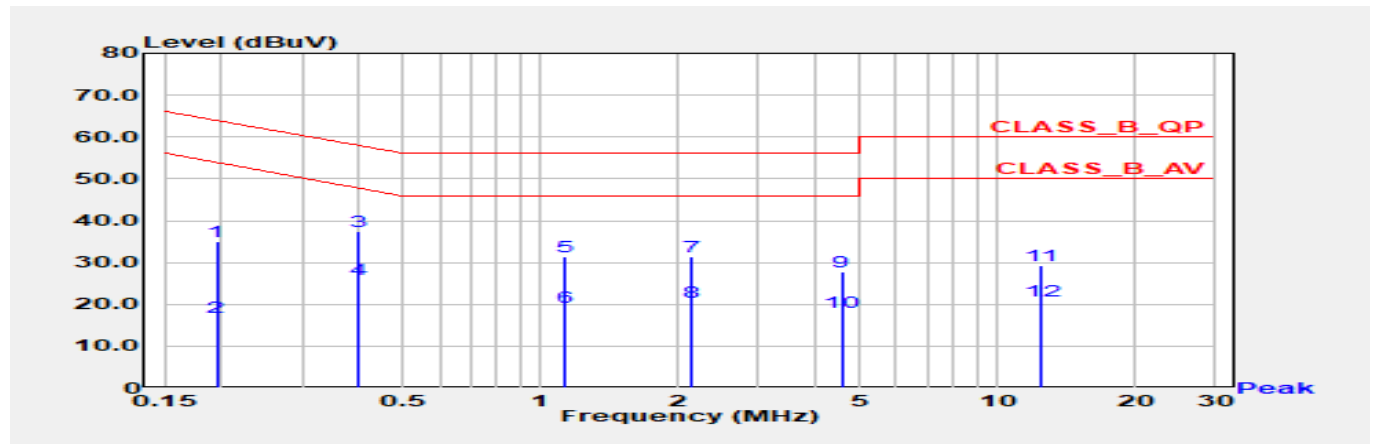


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.202	35.58	63.54	-27.95	25.71	9.87	QP
2	0.202	19.61	53.54	-33.93	9.74	9.87	AV
*3	0.395	42.56	57.95	-15.39	32.68	9.88	QP
*4	0.395	31.84	47.95	-16.11	21.96	9.88	AV
5	0.764	37.28	56.00	-18.72	27.37	9.91	QP
6	0.764	26.30	46.00	-19.70	16.39	9.91	AV
7	2.121	33.85	56.00	-22.15	23.86	9.99	QP
8	2.121	24.54	46.00	-21.46	14.55	9.99	AV
9	4.321	31.74	56.00	-24.26	21.65	10.09	QP
10	4.321	22.62	46.00	-23.38	12.53	10.09	AV
11	7.919	28.82	60.00	-31.18	18.62	10.20	QP
12	7.919	21.01	50.00	-28.99	10.81	10.20	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Test Mode	Mode 1: EUT + Adapter	Phase	Neutral
Test Condition	802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

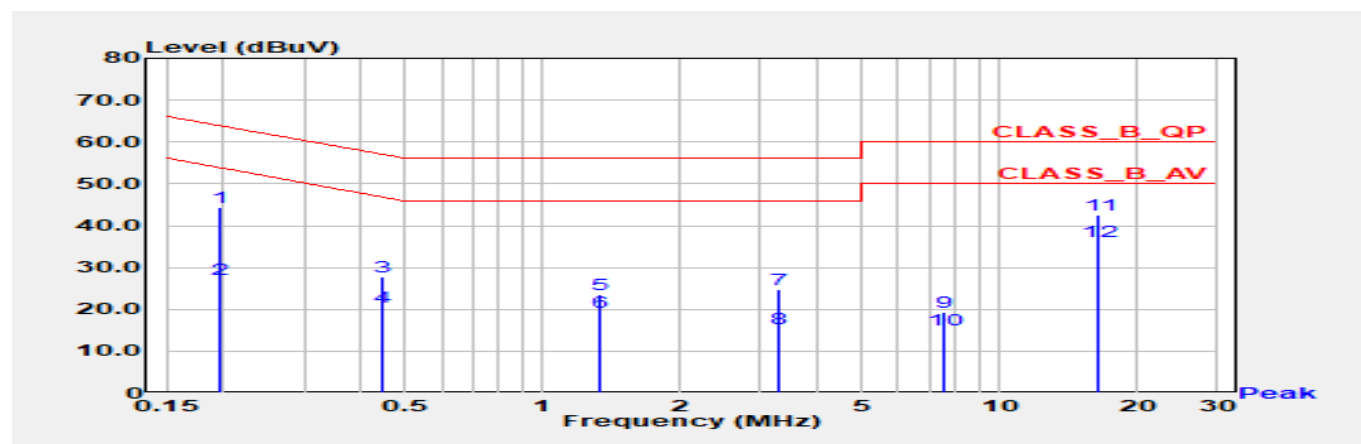


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.195	35.07	63.82	-28.75	25.22	9.85	QP
2	0.195	16.79	53.82	-37.03	6.94	9.85	AV
*3	0.397	37.46	57.91	-20.45	27.59	9.87	QP
*4	0.397	25.85	47.91	-22.05	15.98	9.87	AV
5	1.124	31.33	56.00	-24.67	21.40	9.93	QP
6	1.124	19.37	46.00	-26.63	9.44	9.93	AV
7	2.125	31.37	56.00	-24.63	21.40	9.97	QP
8	2.125	20.49	46.00	-25.51	10.52	9.97	AV
9	4.553	27.71	56.00	-28.29	17.65	10.06	QP
10	4.553	18.08	46.00	-27.92	8.02	10.06	AV
11	12.381	29.25	60.00	-30.75	19.02	10.23	QP
12	12.381	20.70	50.00	-29.30	10.46	10.23	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Test Mode	Mode 2: EUT + PoE	Phase	Line
Test Condition	802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

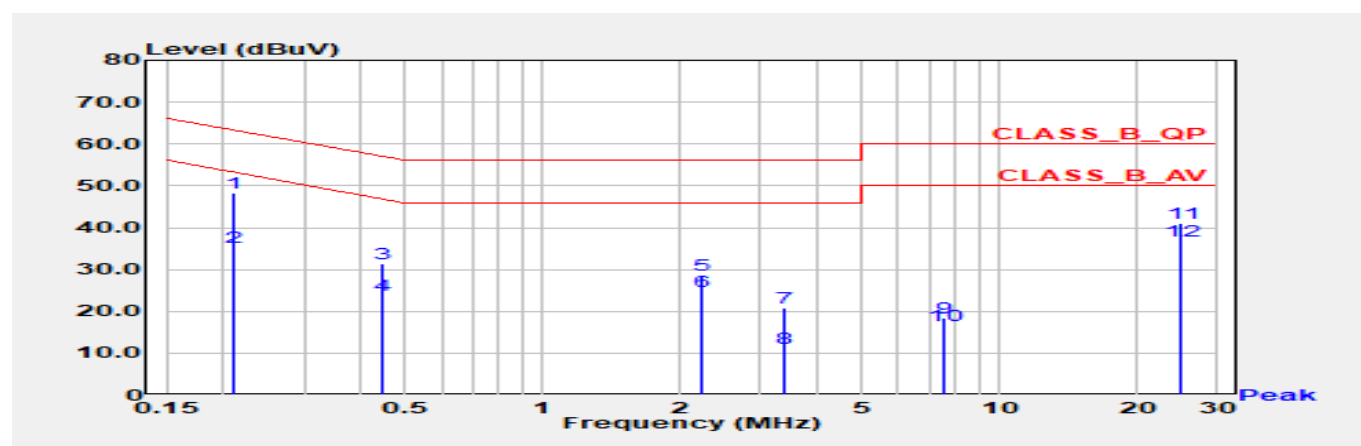


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
1	0.197	44.44	63.73	-19.28	34.57	9.87	QP
2	0.197	27.20	53.73	-26.53	17.32	9.87	AV
3	0.447	27.70	56.93	-29.23	17.81	9.89	QP
4	0.447	20.55	46.93	-26.38	10.66	9.89	AV
5	1.340	23.58	56.00	-32.42	13.63	9.95	QP
6	1.340	19.41	46.00	-26.59	9.46	9.95	AV
7	3.266	24.67	56.00	-31.33	14.63	10.04	QP
8	3.266	15.47	46.00	-30.53	5.43	10.04	AV
9	7.591	19.29	60.00	-40.71	9.10	10.19	QP
10	7.591	15.18	50.00	-34.82	4.99	10.19	AV
*11	16.525	42.68	60.00	-17.32	32.30	10.37	QP
*12	16.525	36.08	50.00	-13.92	25.70	10.37	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Test Mode	Mode 2: EUT + PoE	Phase	Neutral
Test Condition	802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz		



No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.211	48.26	63.18	-14.91	38.41	9.86	QP
2	0.211	35.29	53.18	-17.89	25.43	9.86	AV
3	0.447	31.51	56.93	-25.42	21.64	9.88	QP
4	0.447	23.78	46.93	-23.15	13.91	9.88	AV
5	2.233	28.64	56.00	-27.36	18.66	9.98	QP
6	2.233	24.89	46.00	-21.11	14.91	9.98	AV
7	3.383	20.83	56.00	-35.17	10.81	10.02	QP
8	3.383	11.23	46.00	-34.77	1.21	10.02	AV
9	7.591	18.38	60.00	-41.62	8.23	10.15	QP
10	7.591	16.61	50.00	-33.39	6.47	10.15	AV
11	25.007	40.92	60.00	-19.08	30.50	10.42	QP
*12	25.007	36.81	50.00	-13.19	26.39	10.42	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

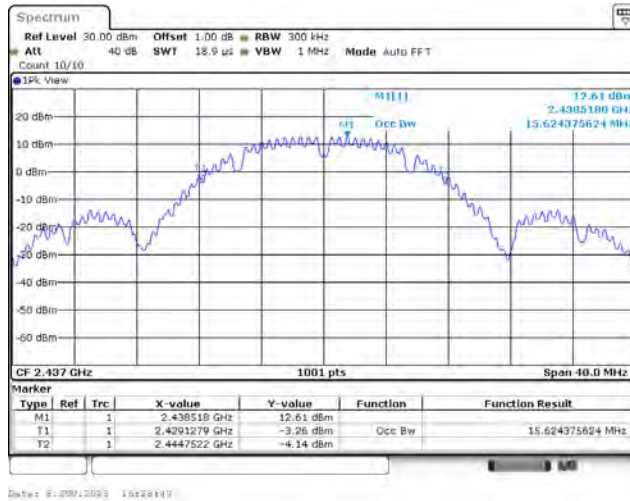
Appendix B.1 Test Result of Occupied Bandwidth

Modulation	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
		Ant. 1	
802.11b	2412	15.304	-
	2437	15.624	-
	2462	15.384	-
802.11g	2412	16.823	-
	2437	18.941	-
	2462	16.703	-

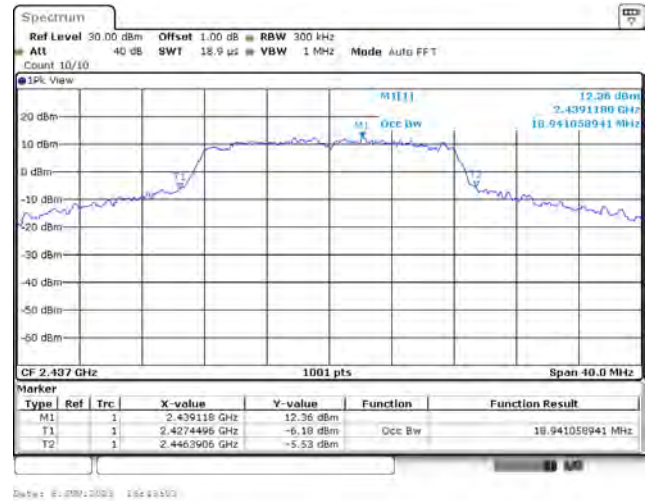
Modulation	Frequency (MHz)	Occupied Bandwidth (MHz)		Limit (MHz)
		Ant. 0	Ant. 1	
802.11ac (20 MHz)	2412	17.822	17.902	-
	2437	17.902	18.421	-
	2462	17.662	17.822	-
802.11ac (40 MHz)	2422	36.283	36.363	-
	2437	36.283	36.523	-
	2452	36.443	36.443	-

Spectrum plot of maximum value

802.11b / Ant. 1 / 2437 MHz



802.11g / Ant. 1 / 2437 MHz



802.11ac (20 MHz) / Ant. 1 / 2437 MHz



802.11ac (40 MHz) / Ant. 1 / 2437 MHz



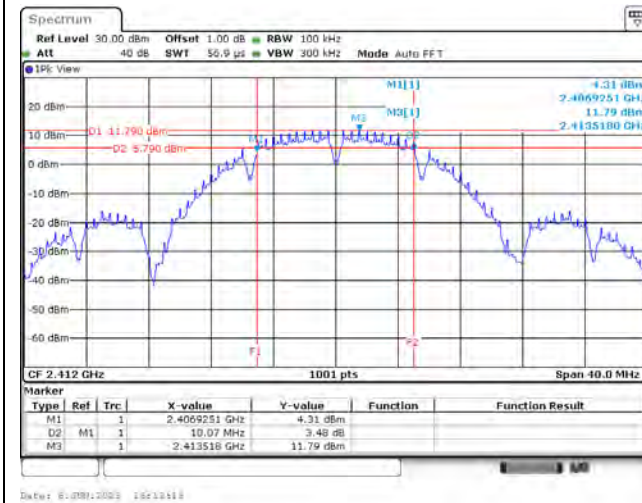
Appendix B.2 Test Result of DTS Bandwidth

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	Result
		Ant. 1		
802.11b	2412	10.070	≥ 0.50	Pass
	2437	10.070	≥ 0.50	Pass
	2462	10.070	≥ 0.50	Pass
802.11g	2412	15.624	≥ 0.50	Pass
	2437	16.024	≥ 0.50	Pass
	2462	15.664	≥ 0.50	Pass

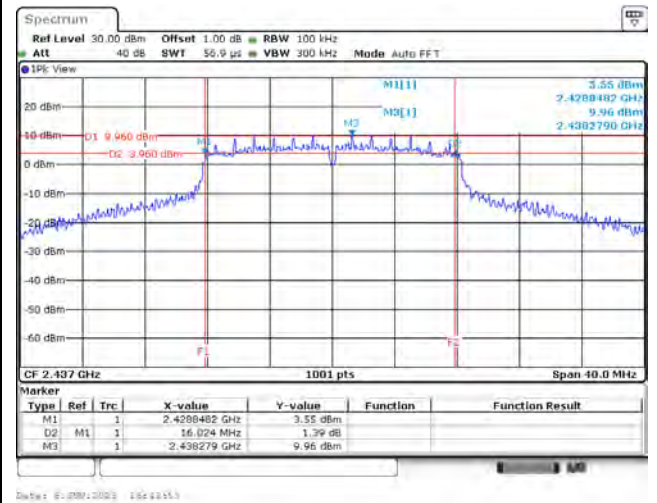
Modulation	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
		Ant. 0	Ant. 1		
802.11ac (20 MHz)	2412	16.783	15.664	≥ 0.50	Pass
	2437	15.784	15.904	≥ 0.50	Pass
	2462	16.024	16.663	≥ 0.50	Pass
802.11ac (40 MHz)	2422	35.165	35.085	≥ 0.50	Pass
	2437	35.085	35.085	≥ 0.50	Pass
	2452	35.085	35.085	≥ 0.50	Pass

Spectrum plot of worst value

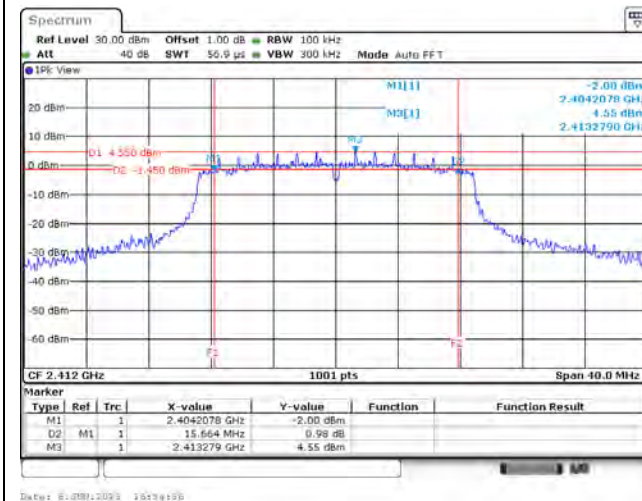
802.11b / Ant. 1 / 2412 MHz



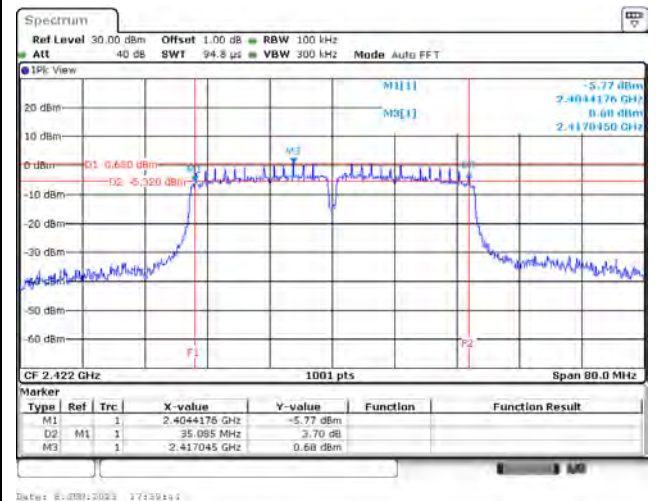
802.11g / Ant. 1 / 2437 MHz



802.11ac (20 MHz) / Ant. 1 / 2412 MHz



802.11ac (40 MHz) / Ant. 1 / 2422 MHz



Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
802.11b	2412	21.49	≤ 30.00	Pass
	2437	22.78	≤ 30.00	Pass
	2462	22.18	≤ 30.00	Pass
802.11g	2412	17.62	≤ 30.00	Pass
	2437	20.91	≤ 30.00	Pass
	2462	18.35	≤ 30.00	Pass

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 0	Ant. 1	Total		
802.11ac (20 MHz)	2412	15.54	15.83	18.70	≤ 30.00	Pass
	2437	19.52	19.94	22.75	≤ 30.00	Pass
	2462	16.21	16.92	19.59	≤ 30.00	Pass
802.11ac (40 MHz)	2422	14.84	15.21	18.04	≤ 30.00	Pass
	2437	16.38	17.14	19.79	≤ 30.00	Pass
	2452	13.63	14.42	17.05	≤ 30.00	Pass

Appendix D. Test Result of Maximum Power Spectral Density

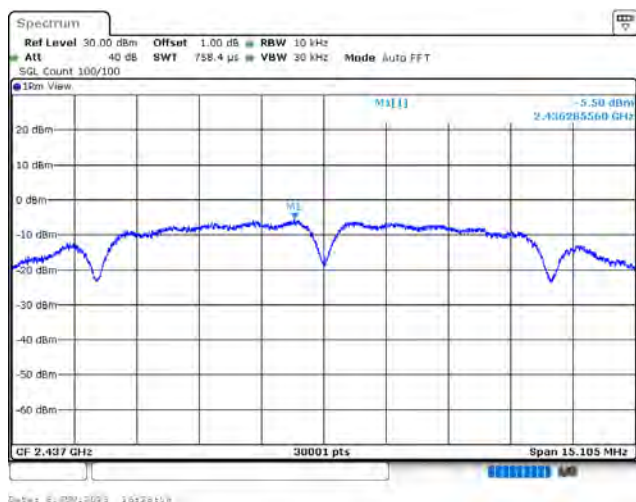
Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)		Limit (dBm / 3kHz)	Result
		Ant. 1	Total		
802.11b	2412	-6.480	-6.325	≤ 8.00	Pass
	2437	-5.500	-5.345	≤ 8.00	Pass
	2462	-6.180	-6.025	≤ 8.00	Pass
802.11g	2412	-9.750	-9.425	≤ 8.00	Pass
	2437	-7.380	-7.055	≤ 8.00	Pass
	2462	-10.570	-10.245	≤ 8.00	Pass

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)			Limit (dBm / 3kHz)	Result
		Ant. 0	Ant. 1	Total		
802.11ac (20 MHz)	2412	-13.350	-12.550	-9.574	≤ 8.00	Pass
	2437	-9.930	-10.620	-6.903	≤ 8.00	Pass
	2462	-12.970	-12.080	-9.144	≤ 8.00	Pass
802.11ac (40 MHz)	2422	-15.500	-16.790	-12.365	≤ 8.00	Pass
	2437	-14.240	-13.200	-9.957	≤ 8.00	Pass
	2452	-18.360	-17.770	-14.323	≤ 8.00	Pass

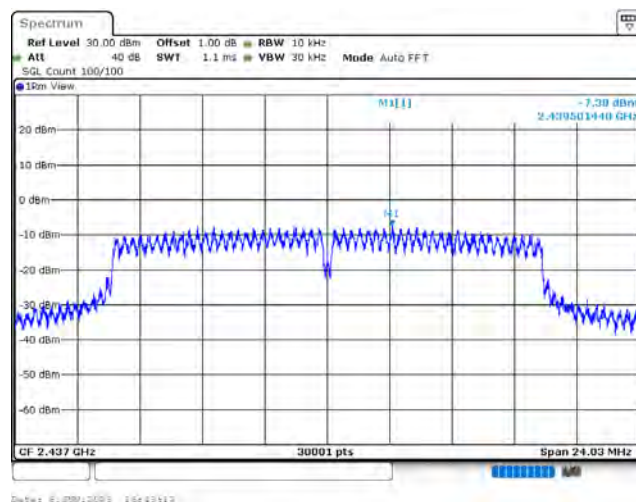
Note: Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 1.10.

Spectrum plot of worst value

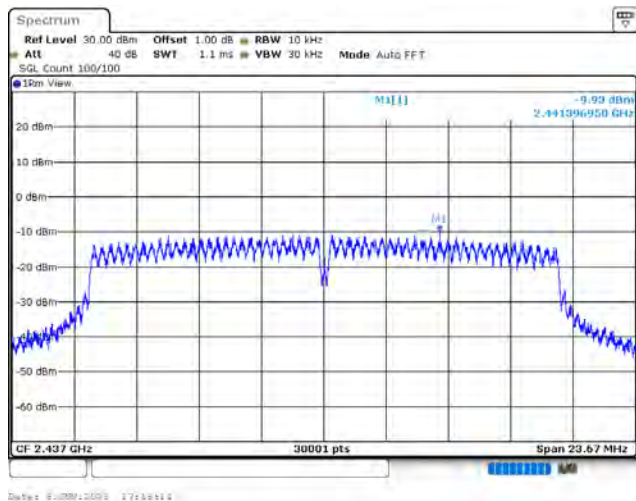
802.11b / Ant. 1 / 2437 MHz



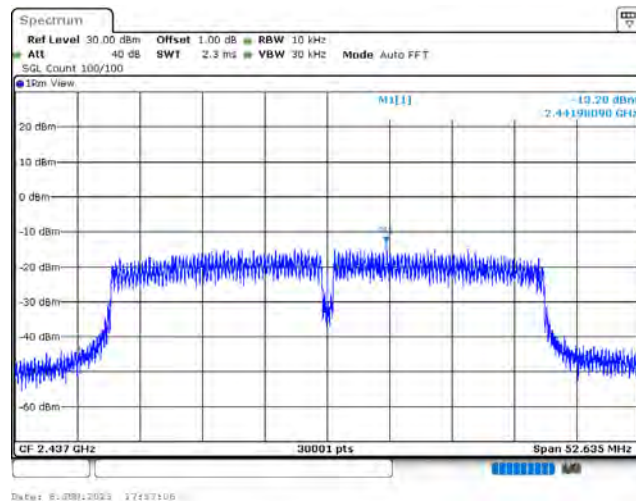
802.11g / Ant. 1 / 2437 MHz



802.11ac (20 MHz) / Ant. 0 / 2437 MHz

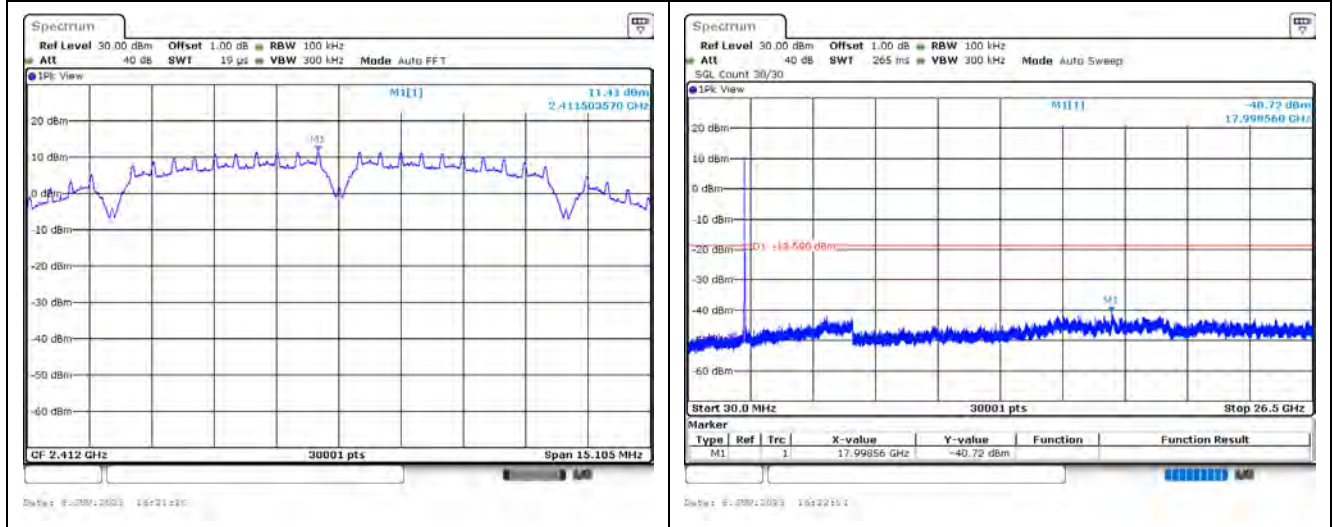


802.11ac (40 MHz) / Ant. 1 / 2437 MHz

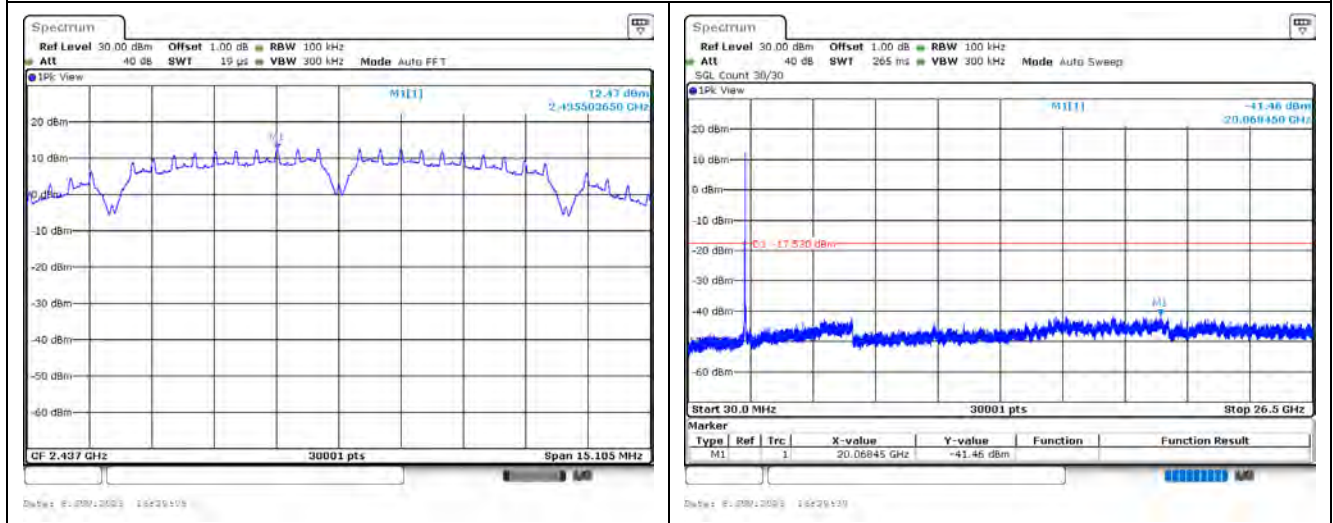


Appendix E. Test Result of Antenna Port Conducted Emission

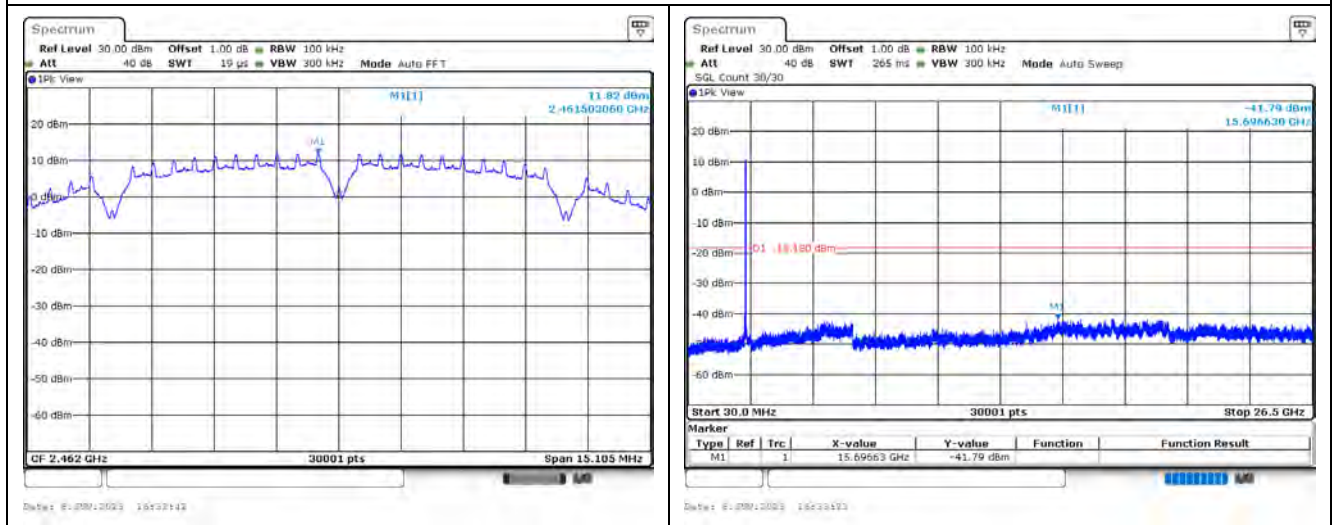
802.11b / Ant. 1 / 2412 MHz



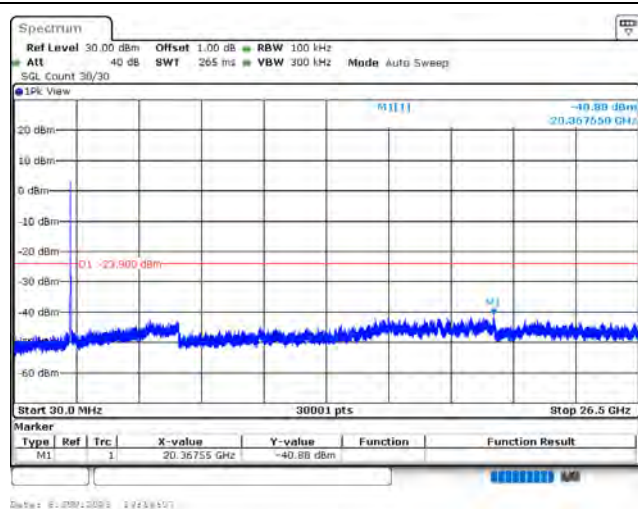
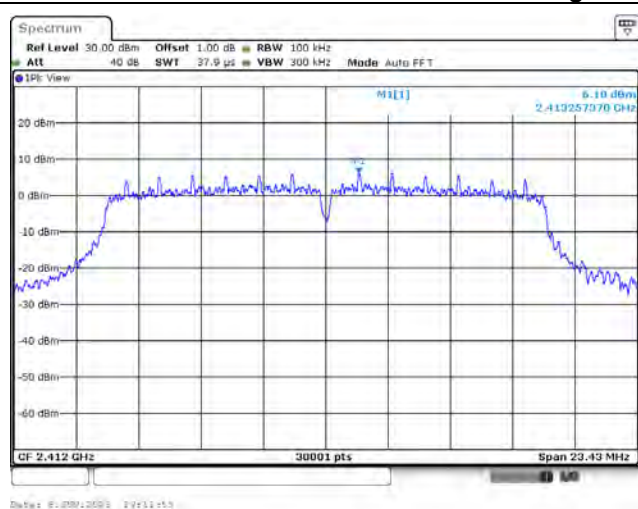
802.11b / Ant. 1 / 2437 MHz



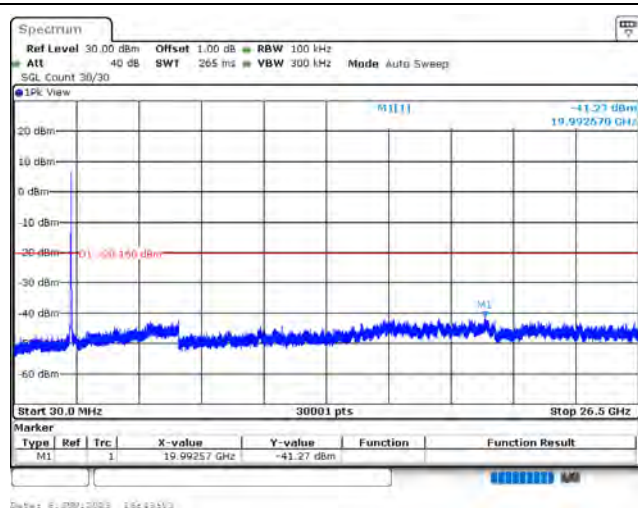
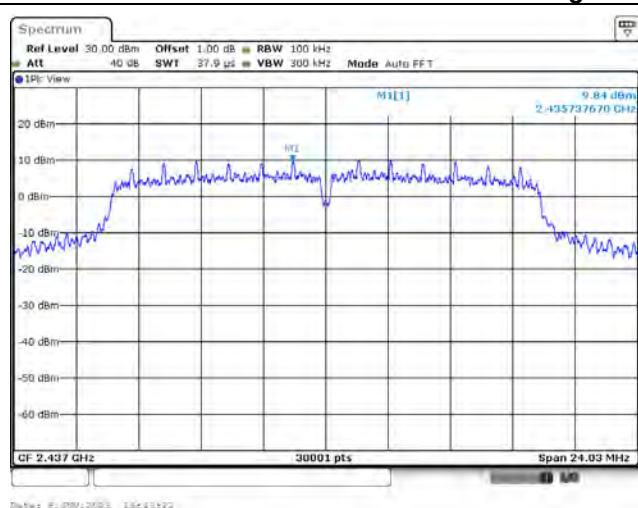
802.11b / Ant. 1 / 2462 MHz



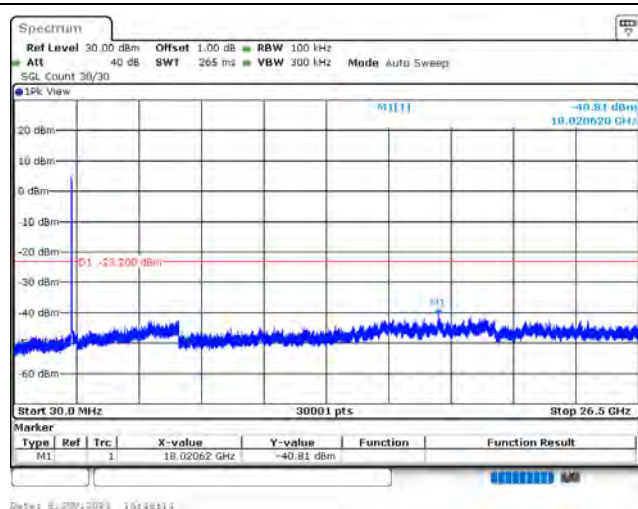
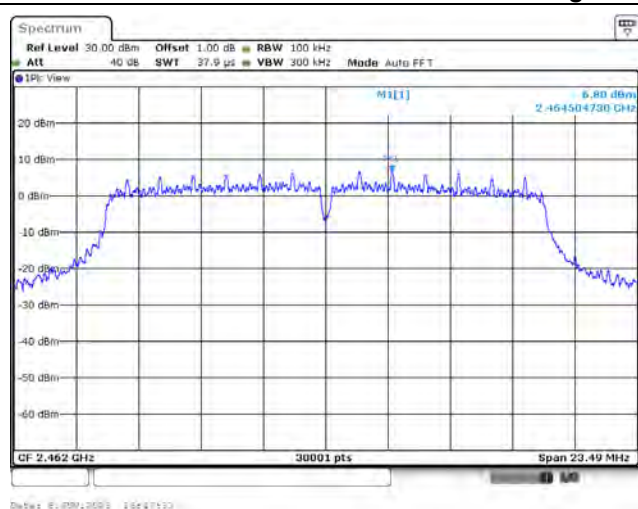
802.11g / Ant. 1 / 2412 MHz



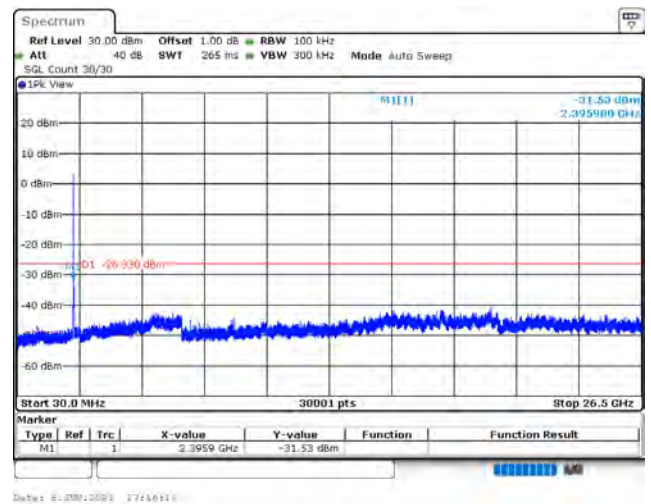
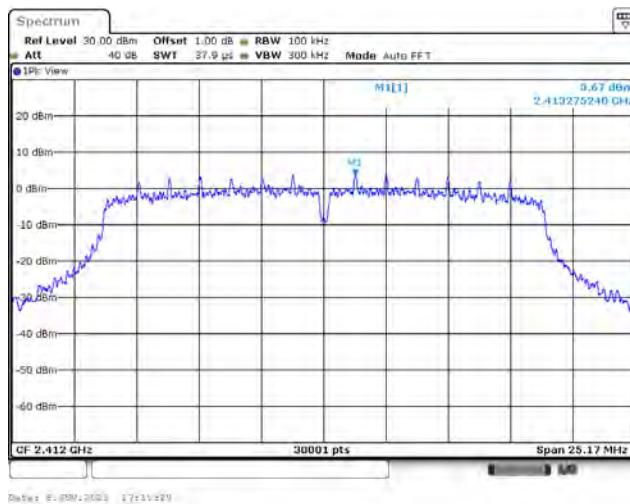
802.11g / Ant. 1 / 2437 MHz



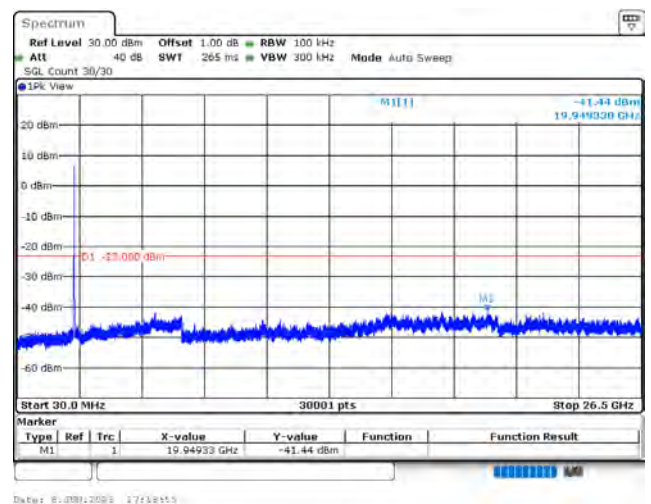
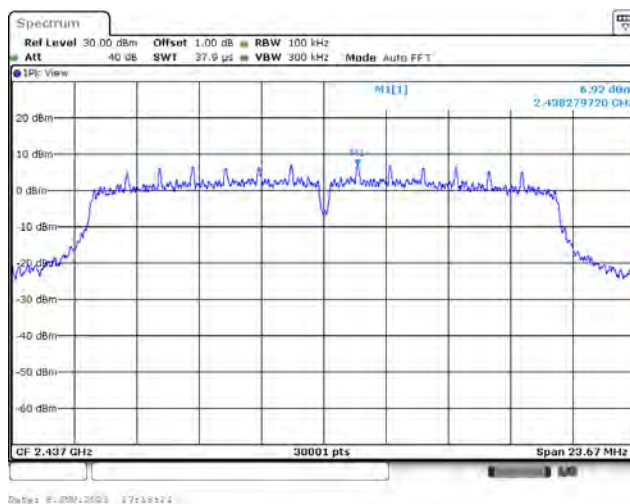
802.11g / Ant. 1 / 2462 MHz



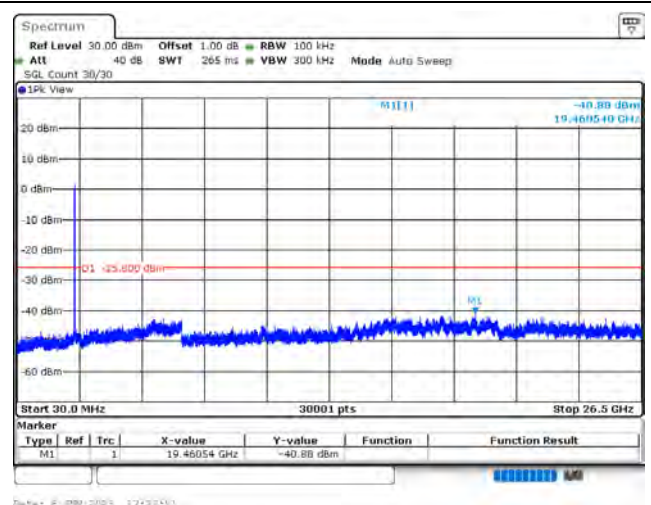
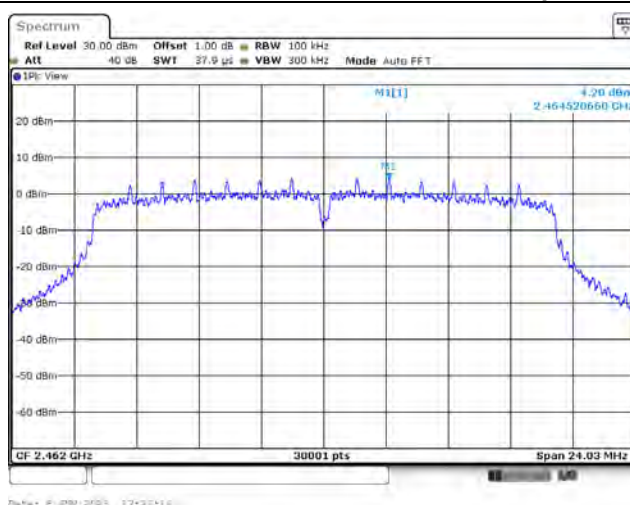
802.11ac (20 MHz) / Ant. 0 / 2412 MHz



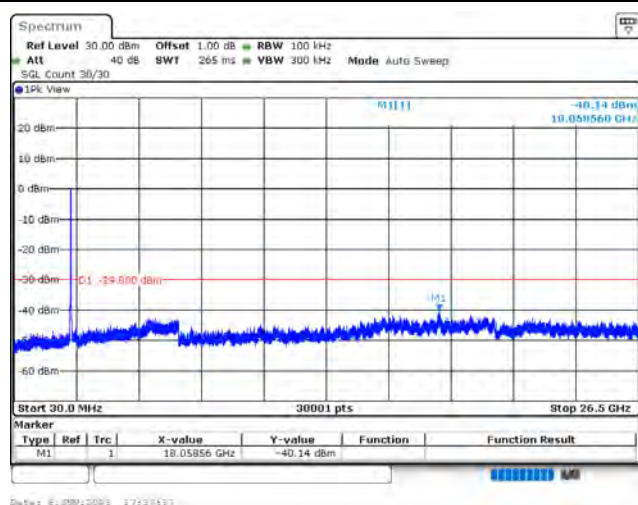
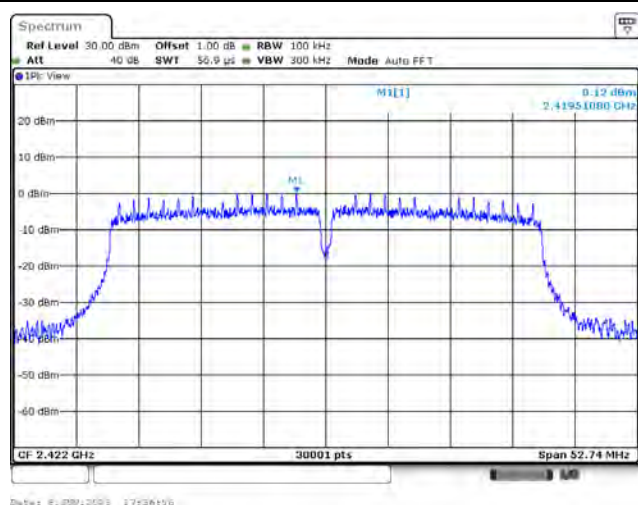
802.11ac (20 MHz) / Ant. 0 / 2437 MHz



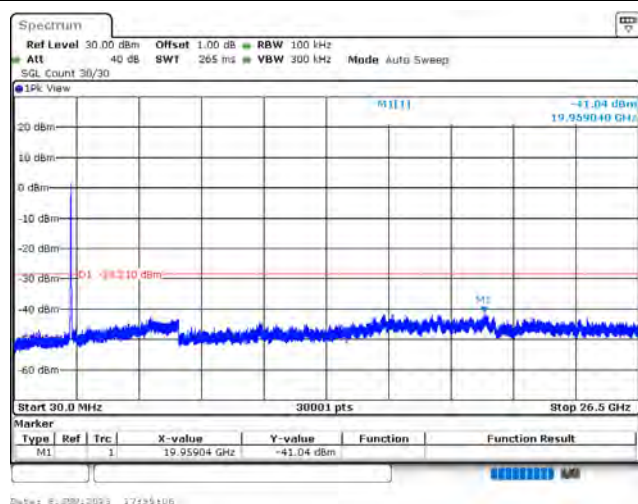
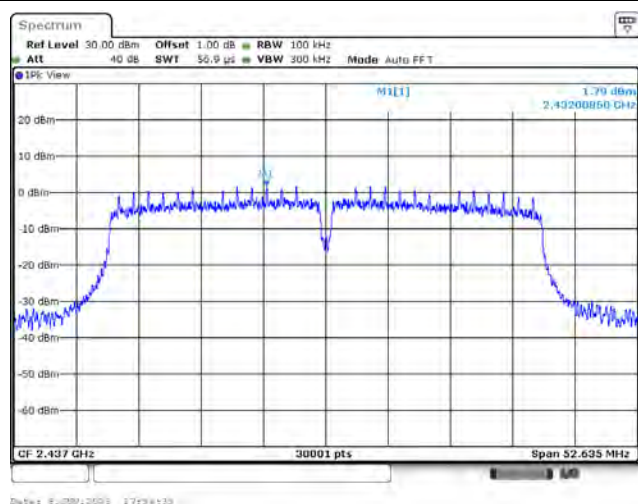
802.11ac (20 MHz) / Ant. 0 / 2462 MHz



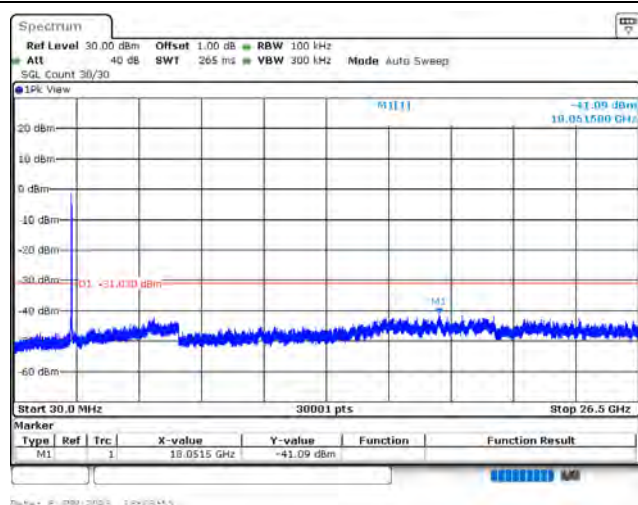
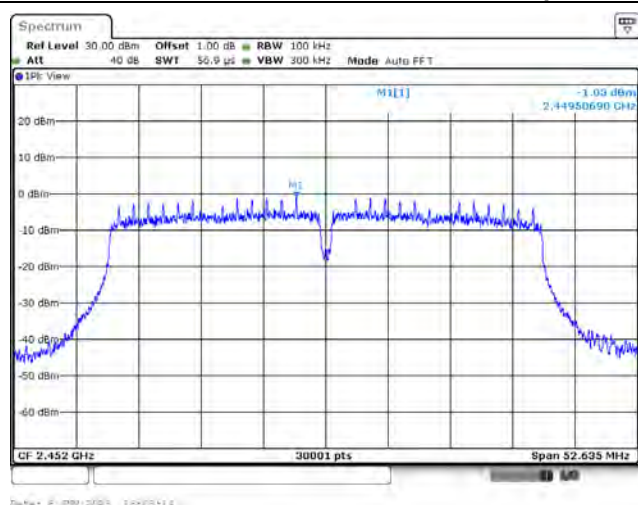
802.11ac (40 MHz) / Ant. 0 / 2422 MHz



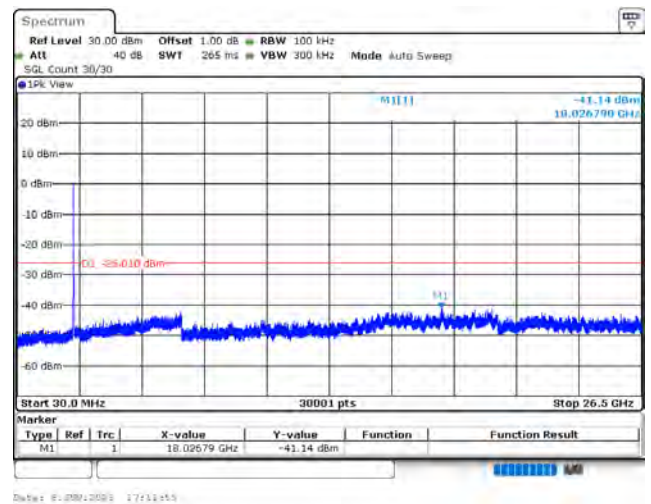
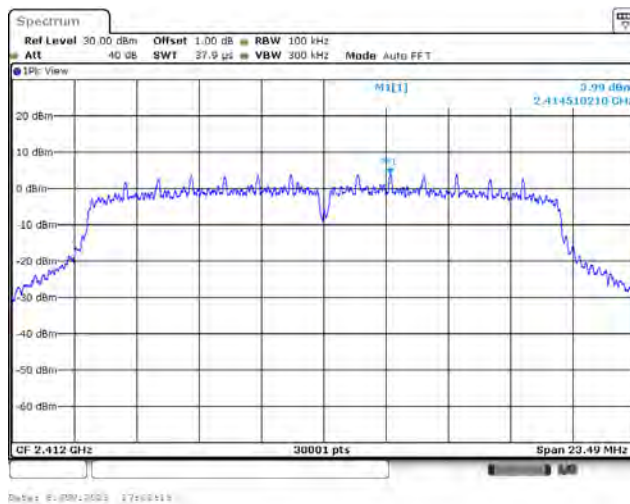
802.11ac (40 MHz) / Ant. 0 / 2437 MHz



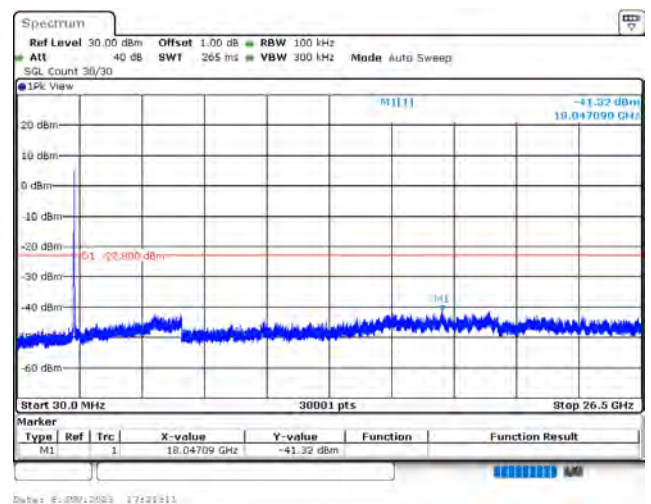
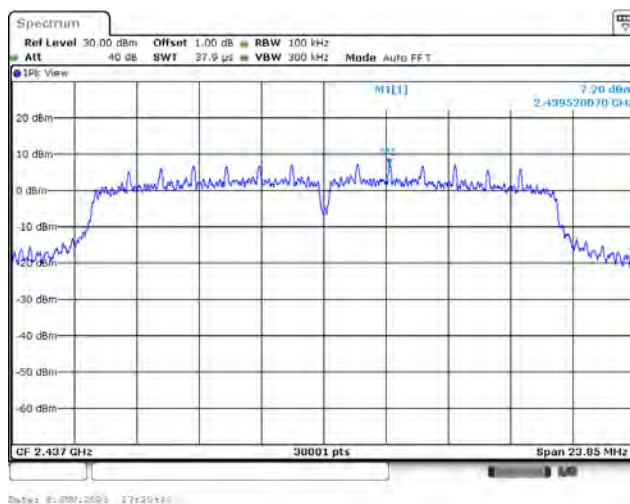
802.11ac (40 MHz) / Ant. 0 / 2452 MHz



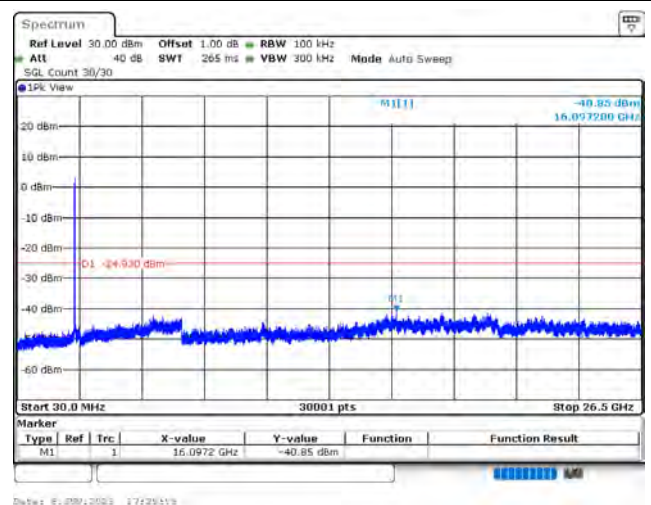
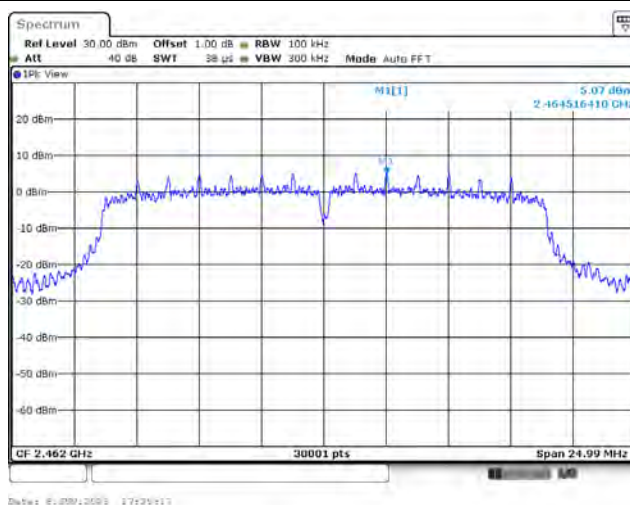
802.11ac (20 MHz) / Ant. 1 / 2412 MHz



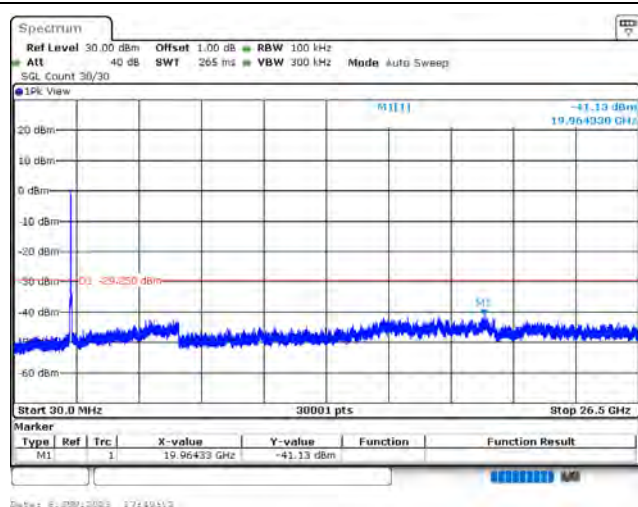
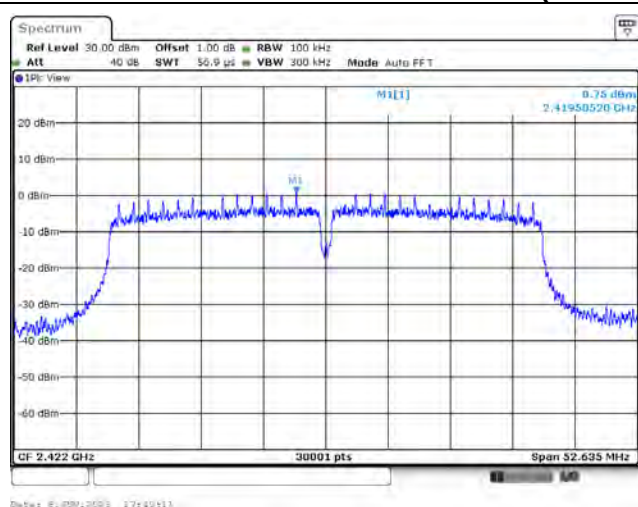
802.11ac (20 MHz) / Ant. 1 / 2437 MHz



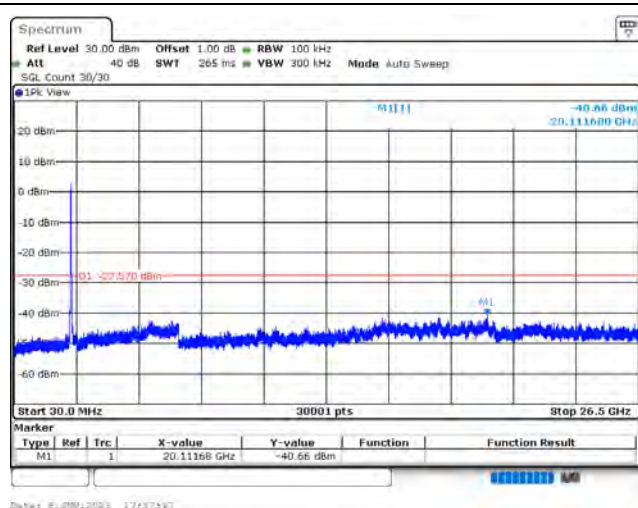
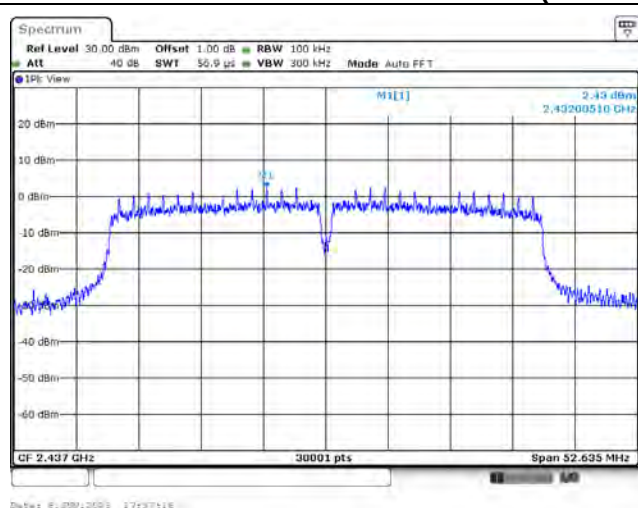
802.11ac (20 MHz) / Ant. 1 / 2462 MHz



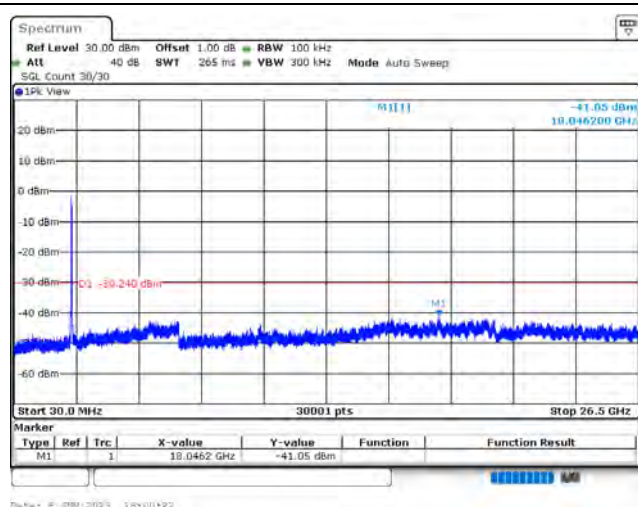
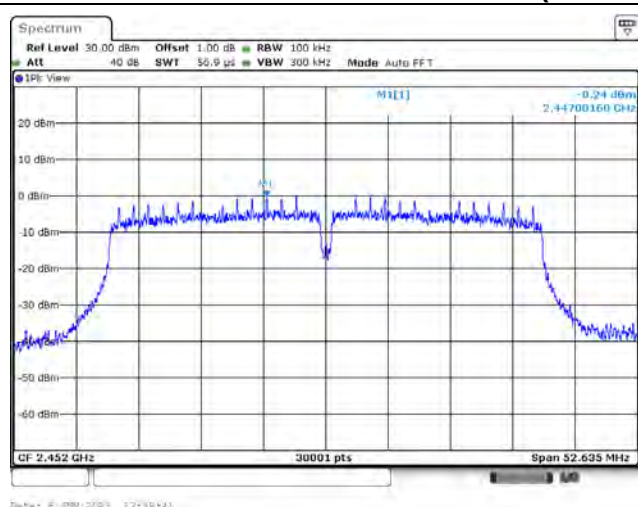
802.11ac (40 MHz) / Ant. 1 / 2422 MHz



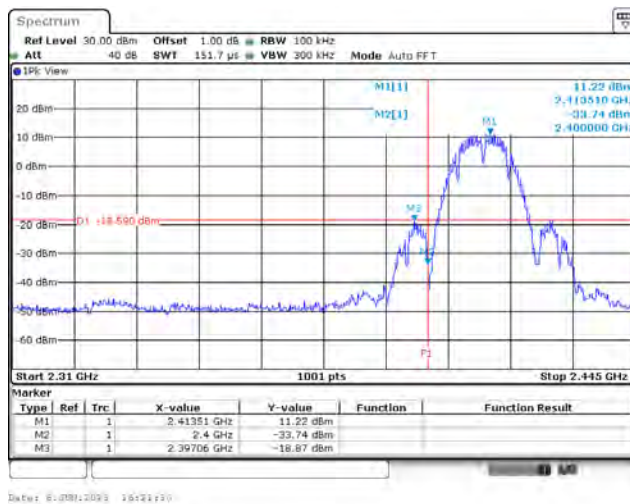
802.11ac (40 MHz) / Ant. 1 / 2437 MHz



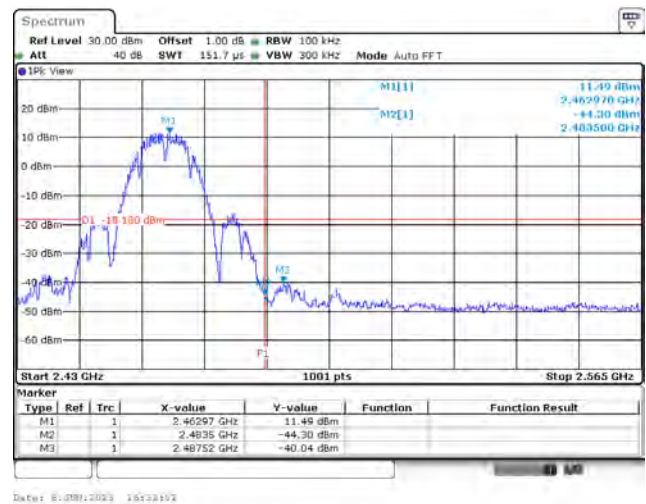
802.11ac (40 MHz) / Ant. 1 / 2452 MHz



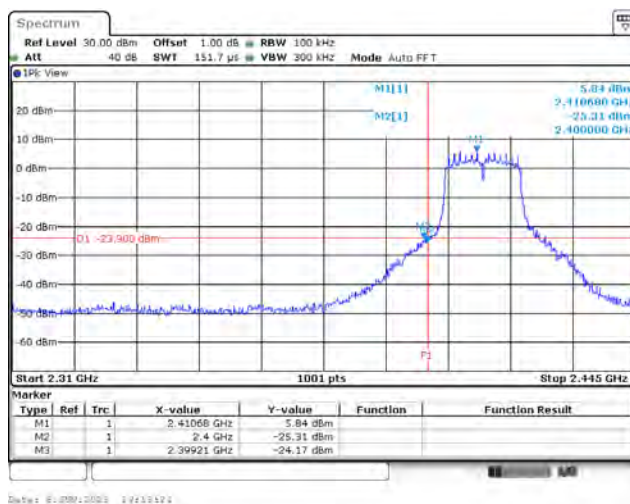
802.11b / Ant. 1 / 2412 MHz (Band Edge)



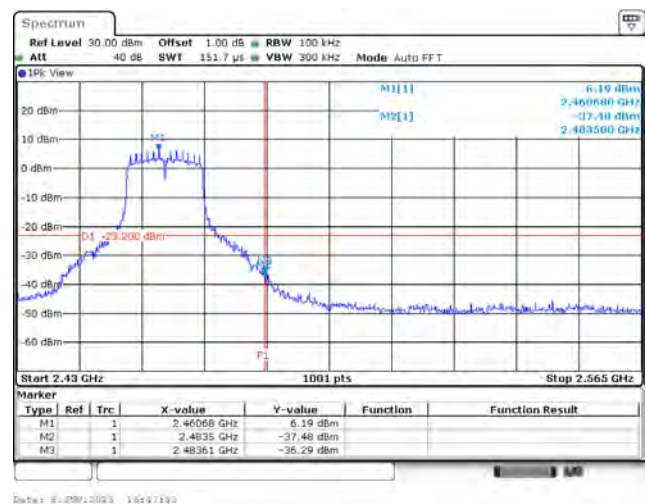
802.11b / Ant. 1 / 2462 MHz (Band Edge)



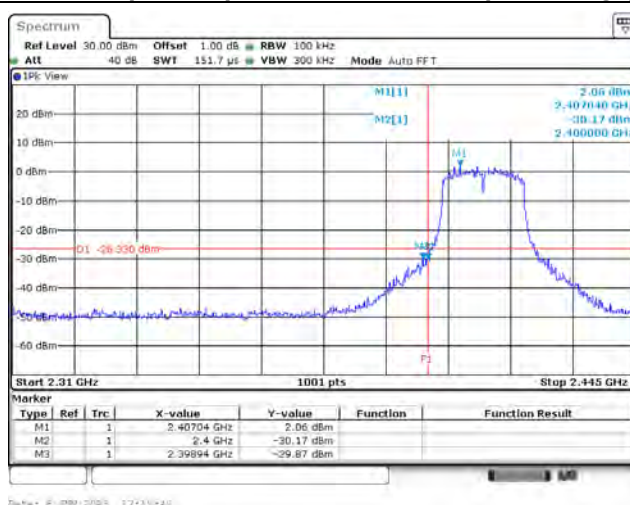
802.11g / Ant. 1 / 2412 MHz (Band Edge)



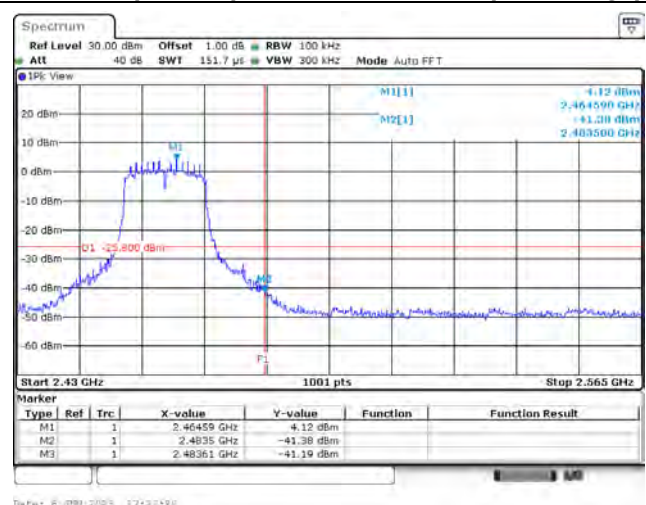
802.11g / Ant. 1 / 2462 MHz (Band Edge)

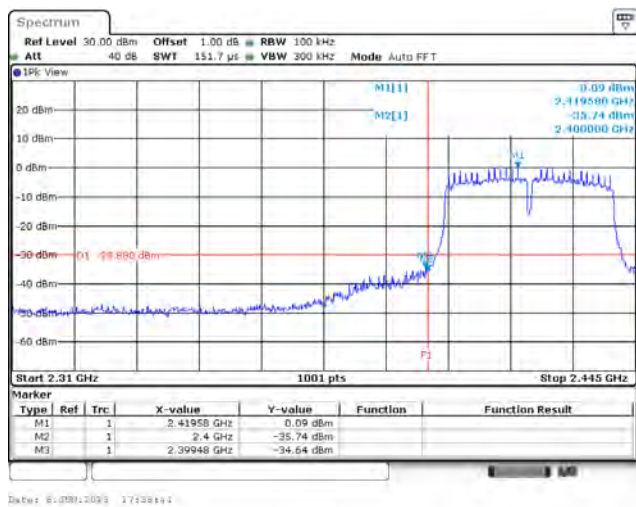
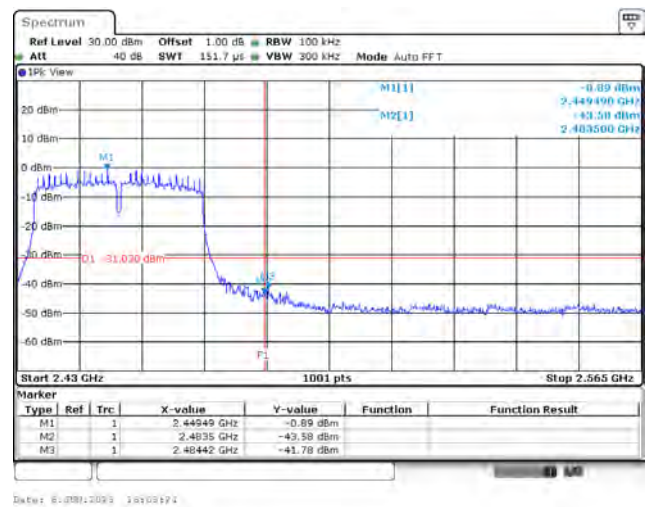
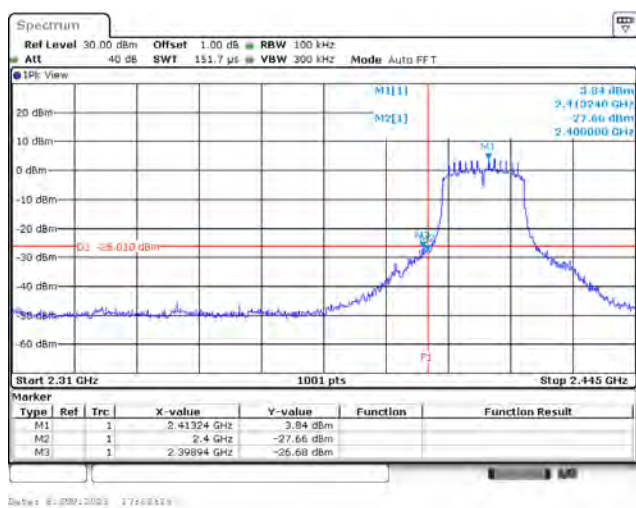
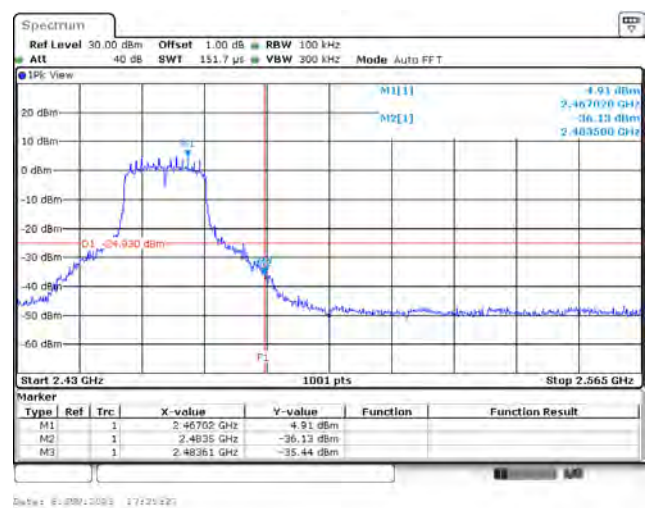
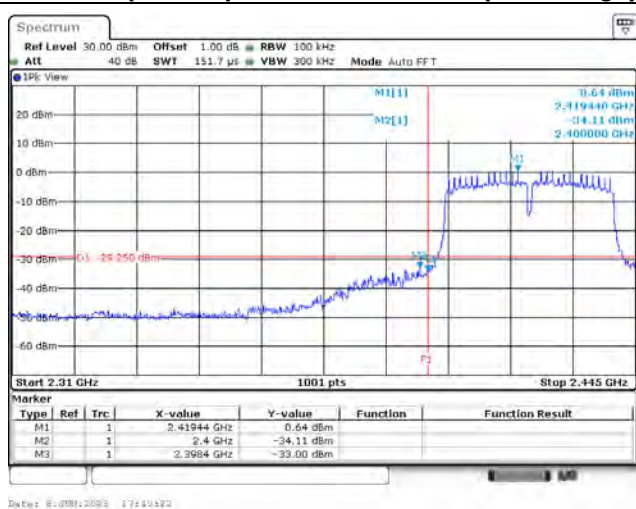
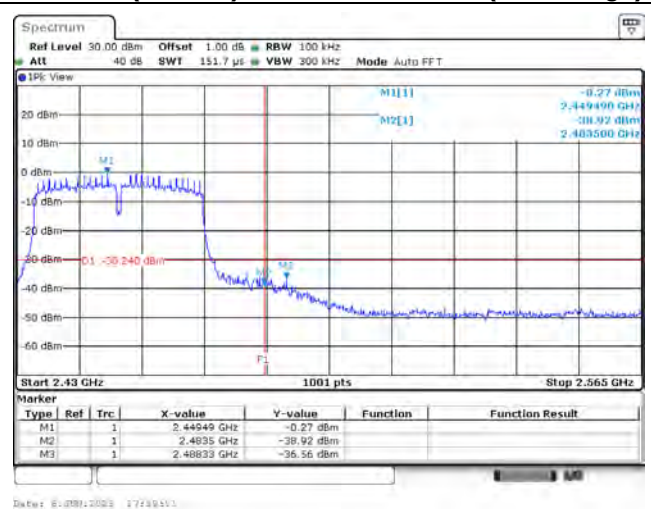


802.11ac (20 MHz) / Ant. 0 / 2412 MHz (Band Edge)



802.11ac (20 MHz) / Ant. 0 / 2462 MHz (Band Edge)



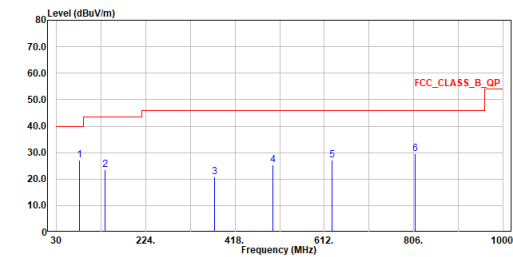
802.11ac (40 MHz) / Ant. 0 / 2422 MHz (Band Edge)

802.11ac (40 MHz) / Ant. 0 / 2452 MHz (Band Edge)

802.11ac (20 MHz) / Ant. 1 / 2412 MHz (Band Edge)

802.11ac (20 MHz) / Ant. 1 / 2462 MHz (Band Edge)

802.11ac (40 MHz) / Ant. 1 / 2422 MHz (Band Edge)

802.11ac (40 MHz) / Ant. 1 / 2452 MHz (Band Edge)


Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

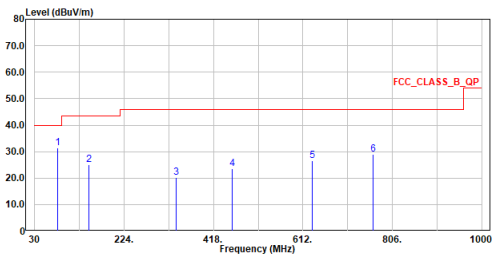
Mode 1: EUT + Adapter

Site :HC-CB04
Condition :3m Horizontal
Mode :LF_ac40_TX_2437MHz(Adapter)
Test by :Scott



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

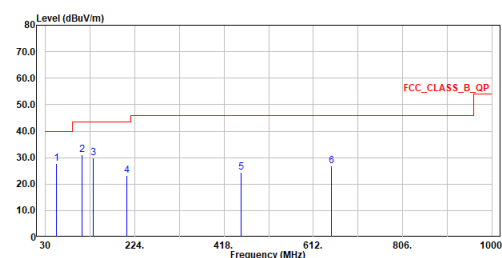
Site :HC-CB04
Condition :3m Vertical
Mode :LF_ac40_TX_2437MHz(Adapter)
Test by :Scott



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Mode 2: EUT + PoE

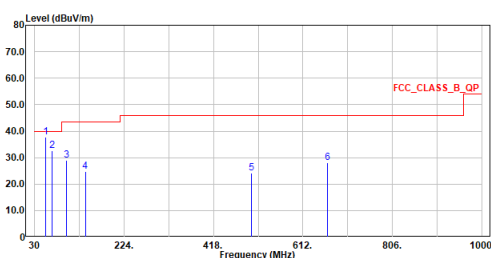
Site :HC-CB04
Condition :3m Horizontal
Mode :LF_ac40_TX_2437MHz(PoE)
Test by :Scott



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	54.444	27.90	40.00	-12.10	30.94	-3.04	QP
2	109.928	31.23	43.50	-12.27	37.46	-6.23	QP
3	134.566	29.89	43.50	-13.61	34.07	-4.18	QP
4	207.316	23.36	43.50	-20.14	30.21	-6.85	QP
5	454.666	24.40	46.00	-21.60	23.12	1.28	QP
6	651.867	26.79	46.00	-19.21	21.52	5.27	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m Vertical
Mode :LF_ac40_TX_2437MHz(PoE)
Test by :Scott

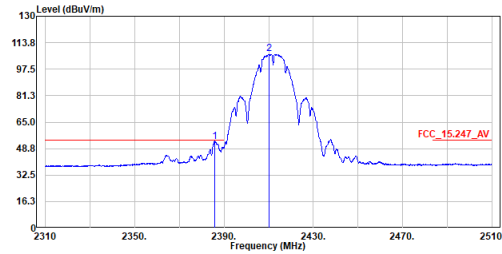


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	53.571	37.66	40.00	-2.34	40.55	-2.89	QP
2	68.606	32.61	40.00	-7.39	36.84	-4.23	QP
3	98.967	29.04	43.50	-14.46	37.26	-8.22	QP
4	139.998	24.82	43.50	-18.68	28.79	-3.97	QP
5	499.965	24.21	46.00	-21.79	22.20	2.01	QP
6	665.738	28.07	46.00	-17.93	22.84	5.23	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Above 1 GHz

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril

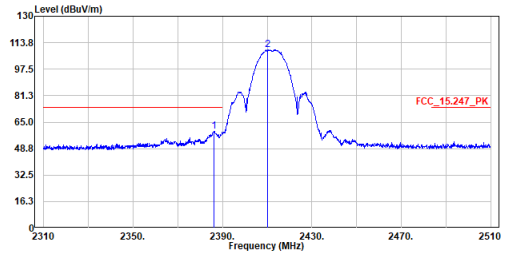


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2385.700	52.93	54.00	-1.07	40.62	12.31	Average
2	2410.300	106.70	-----	-----	94.26	12.44	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril

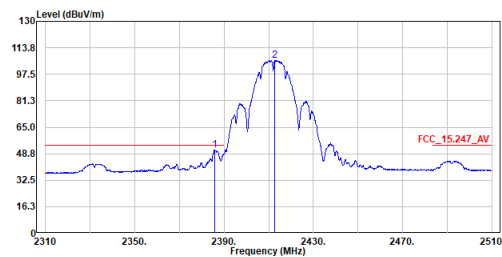


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2386.100	59.36	74.00	-14.64	47.05	12.31	Peak
2	2410.300	109.35	-----	-----	96.91	12.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril

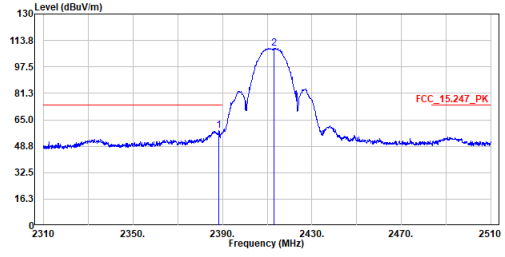


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2385.800	51.21	54.00	-2.79	38.90	12.31	Average
2	2412.800	106.08	-----	-----	93.64	12.44	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril

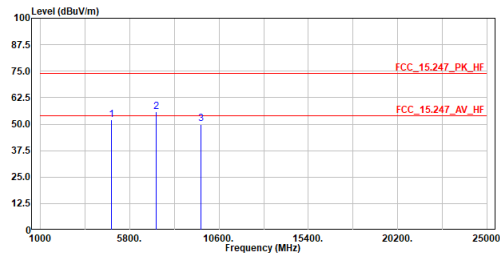


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2388.500	58.19	74.00	-15.81	45.87	12.32	Peak
2	2413.000	108.85	-----	-----	96.41	12.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril

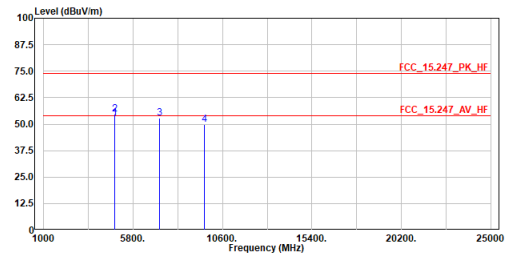


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	52.22	74.00	-21.78	68.08	-15.86	Peak
2	7236.000	56.03	74.00	-17.97	66.44	-10.41	Peak
3	9648.000	50.00	74.00	-24.00	56.42	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril

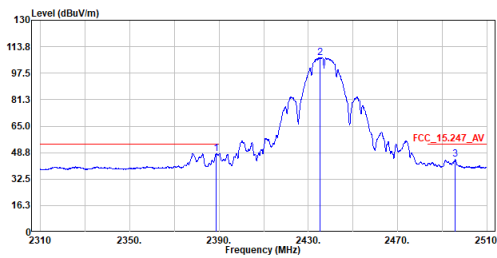


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	52.70	54.00	-1.30	68.56	-15.86	Average
2	4824.000	54.60	74.00	-19.40	70.46	-15.86	Peak
3	7236.000	52.78	74.00	-21.22	63.19	-10.41	Peak
4	9648.000	49.65	74.00	-24.35	56.07	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril

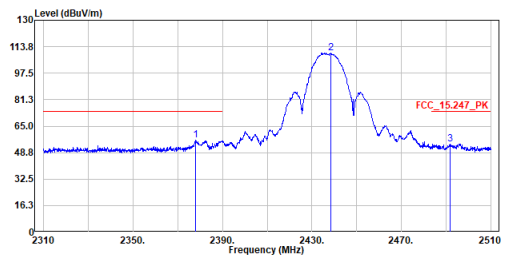


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.800	48.29	54.00	-5.71	35.97	12.32	Average
2	2435.300	107.16	-----	-----	94.60	12.56	Average
3	2495.800	44.66	54.00	-9.34	31.79	12.87	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril

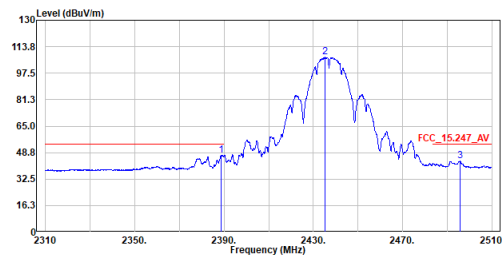


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2378.000	56.24	74.00	-17.76	43.97	12.27	Peak
2	2438.400	109.71	-----	-----	97.13	12.58	Peak
3	2491.800	54.05	74.00	-19.95	41.19	12.86	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril

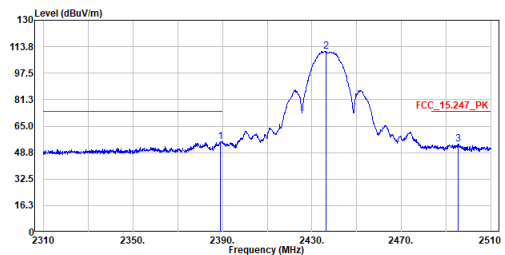


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.800	47.13	54.00	-6.87	34.81	12.32	Average
2	2435.300	107.20	-----	-----	94.64	12.56	Average
3	2495.700	43.51	54.00	-10.49	30.64	12.87	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril

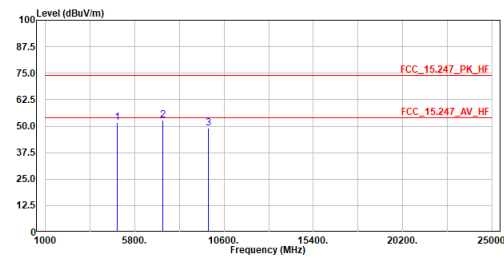


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.200	55.63	74.00	-18.37	43.31	12.32	Peak
2	2436.200	110.74	-----	-----	98.17	12.57	Peak
3	2495.500	54.05	74.00	-19.95	41.18	12.87	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril

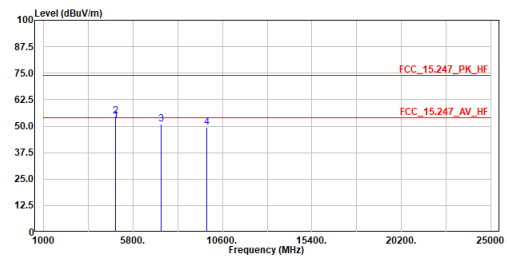


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	51.72	74.00	-22.28	67.39	-15.67	Peak
2	7311.000	52.88	74.00	-21.12	63.15	-10.27	Peak
3	9748.000	48.96	74.00	-25.04	55.23	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril

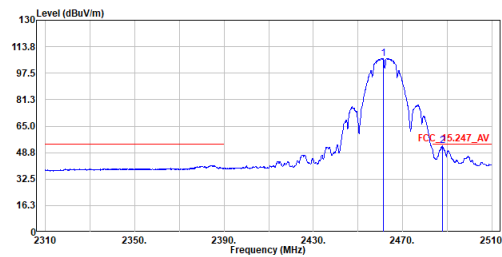


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	52.62	54.00	-1.38	68.29	-15.67	Average
2	4874.000	54.56	74.00	-19.44	70.23	-15.67	Peak
3	7311.000	51.12	74.00	-22.88	61.39	-10.27	Peak
4	9748.000	49.47	74.00	-24.53	55.74	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril

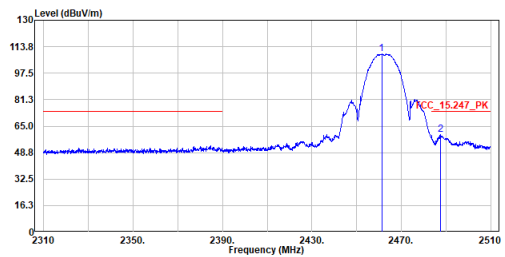


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2461.300	106.61	-----	-----	93.91	12.70	Average
2	2487.800	52.89	54.00	-1.11	40.06	12.83	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril

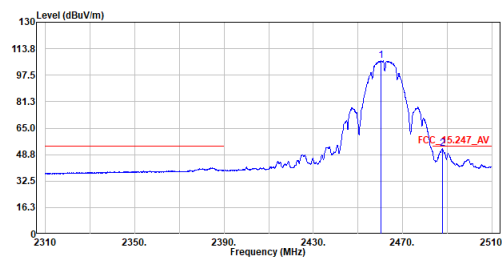


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2461.200	109.24	-----	-----	96.54	12.70	Peak
2	2487.400	59.75	74.00	-14.25	46.92	12.83	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril

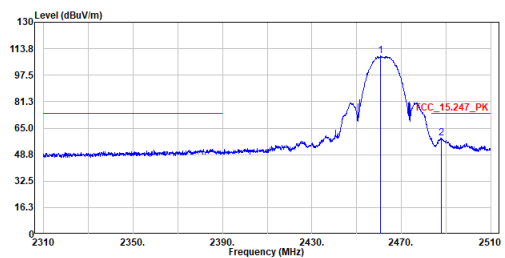


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.300	106.33	-----	-----	93.63	12.70	Average
2	2487.900	52.53	54.00	-1.47	39.70	12.83	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril

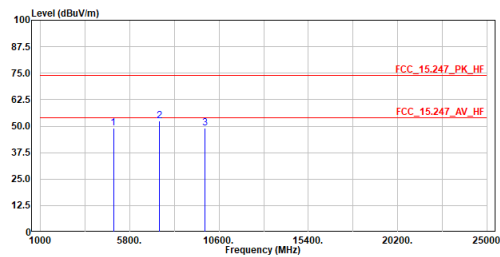


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.700	109.39	-----	-----	96.69	12.70	Peak
2	2488.000	58.97	74.00	-15.03	46.13	12.84	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril

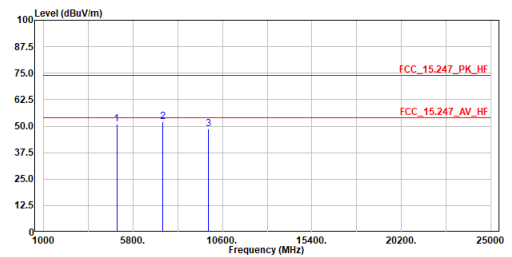


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	49.11	74.00	-24.89	64.61	-15.50	Peak
2	7386.000	52.28	74.00	-21.72	62.41	-10.13	Peak
3	9848.000	49.14	74.00	-24.86	55.26	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril

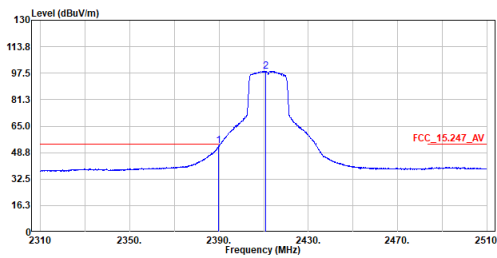


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	51.00	74.00	-23.00	66.50	-15.50	Peak
2	7386.000	52.06	74.00	-21.94	62.19	-10.13	Peak
3	9848.000	48.78	74.00	-25.22	54.90	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril

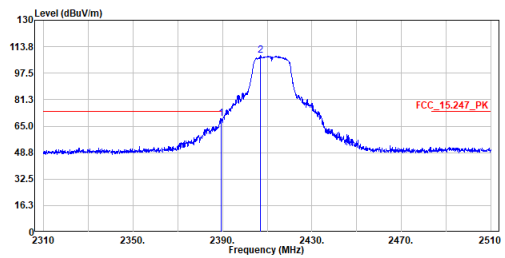


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	52.90	54.00	-1.10	40.58	12.32	Average
2	2410.800	98.74	-----	-----	86.30	12.44	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril

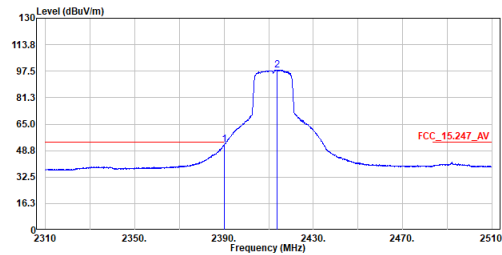


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.500	69.70	74.00	-4.30	57.38	12.32	Peak
2	2407.000	108.39	-----	-----	95.98	12.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril

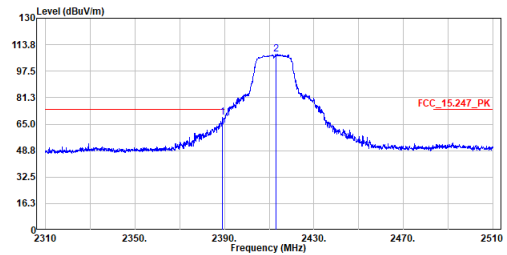


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	52.48	54.00	-1.52	40.16	12.32	Average
2	2413.700	98.20	-----	-----	85.75	12.45	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril

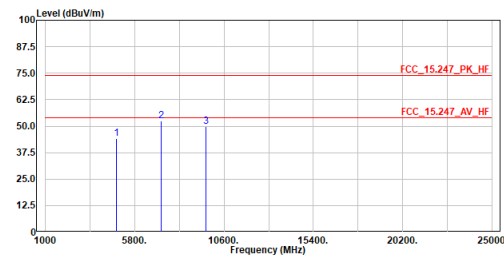


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.000	69.33	74.00	-4.67	57.01	12.32	Peak
2	2413.200	107.90	-----	-----	95.46	12.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril

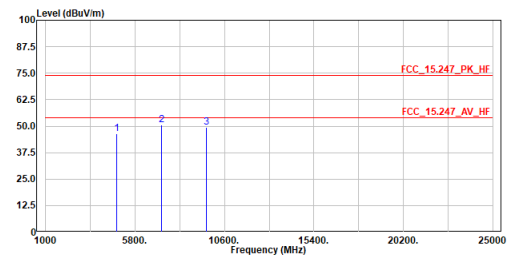


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	44.31	74.00	-29.69	60.17	-15.86	Peak
2	7236.000	52.49	74.00	-21.51	62.90	-10.41	Peak
3	9648.000	49.80	74.00	-24.20	56.22	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril

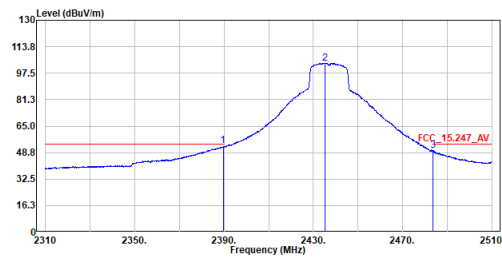


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	46.53	74.00	-27.47	62.39	-15.86	Peak
2	7236.000	50.65	74.00	-23.35	61.06	-10.41	Peak
3	9648.000	49.60	74.00	-24.40	56.02	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril

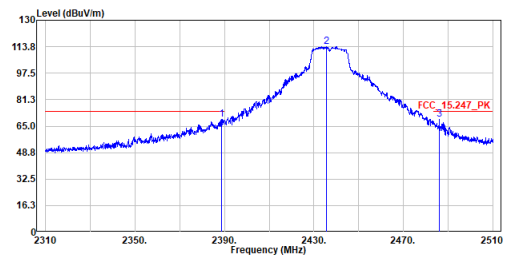


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.600	52.81	54.00	-1.19	40.49	12.32	Average
2	2435.300	103.73	-----	-----	91.17	12.56	Average
3	2483.600	50.02	54.00	-3.98	37.21	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril

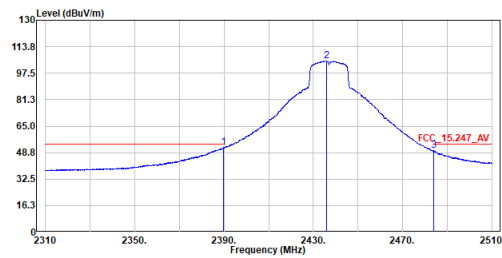


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.600	69.32	74.00	-4.68	57.00	12.32	Peak
2	2435.700	113.75	-----	-----	101.19	12.56	Peak
3	2486.100	68.95	74.00	-5.05	56.13	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril

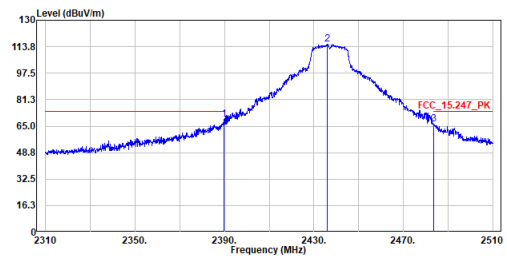


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	51.76	54.00	-2.24	39.44	12.32	Average
2	2435.800	104.91	-----	-----	92.35	12.56	Average
3	2483.900	49.81	54.00	-4.19	36.99	12.82	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril

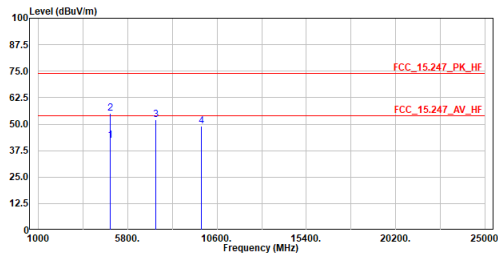


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	69.40	74.00	-4.60	57.08	12.32	Peak
2	2435.900	115.43	-----	-----	102.87	12.56	Peak
3	2483.700	66.41	74.00	-7.59	53.59	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril

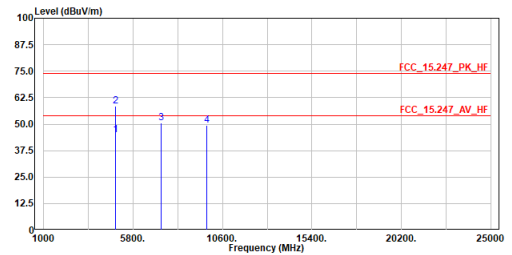


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	42.23	54.00	-11.77	57.90	-15.67	Average
2	4874.000	55.19	74.00	-18.81	70.86	-15.67	Peak
3	7311.000	51.92	74.00	-22.08	62.19	-10.27	Peak
4	9748.000	48.88	74.00	-25.12	55.15	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril

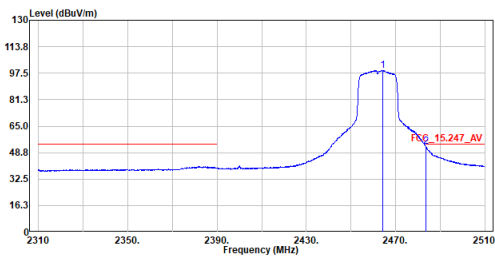


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	44.92	54.00	-9.08	60.59	-15.67	Average
2	4874.000	58.58	74.00	-15.42	74.25	-15.67	Peak
3	7311.000	50.51	74.00	-23.49	60.78	-10.27	Peak
4	9748.000	49.52	74.00	-24.48	55.79	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril

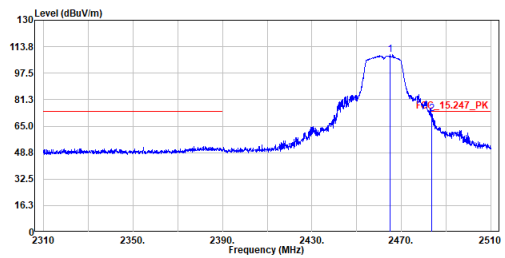


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2464.000	99.12	54.00	45.12	86.40	12.72	Average
2	2483.600	52.30	54.00	-1.70	39.49	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril

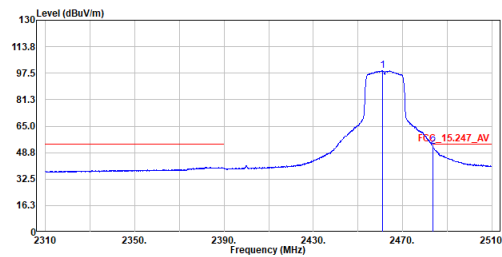


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2465.100	109.15	74.00	35.15	96.42	12.73	Peak
2	2483.700	72.81	74.00	-1.19	59.99	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril

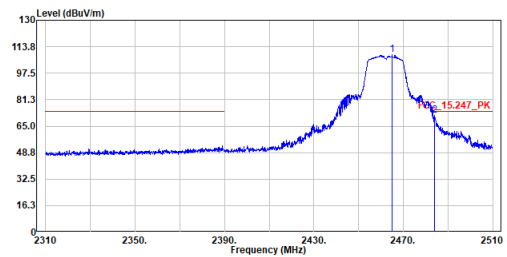


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.900	99.06	-----	-----	86.36	12.70	Average
2	2483.600	52.43	54.00	-1.57	39.62	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril

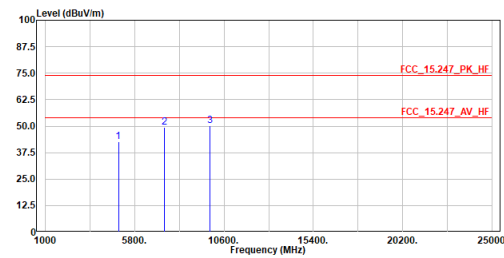


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2465.000	108.79	-----	-----	96.06	12.73	Peak
2	2483.900	71.75	74.00	-2.25	58.93	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril

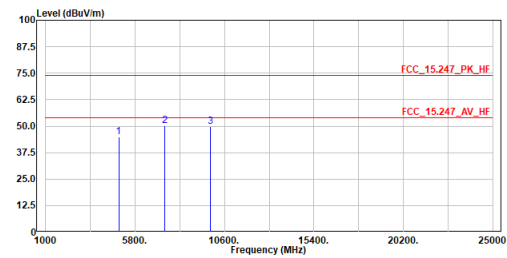


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	42.66	74.00	-31.34	58.16	-15.50	Peak
2	7386.000	49.29	74.00	-24.71	59.42	-10.13	Peak
3	9848.000	50.03	74.00	-23.97	56.15	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril

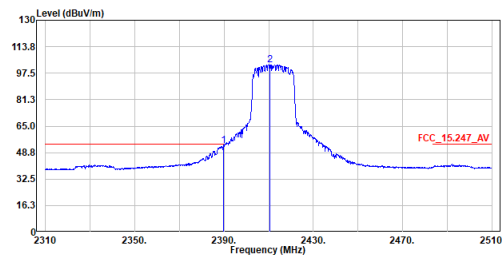


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	45.07	74.00	-28.93	60.57	-15.50	Peak
2	7386.000	50.01	74.00	-23.99	60.14	-10.13	Peak
3	9848.000	49.97	74.00	-24.03	56.09	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

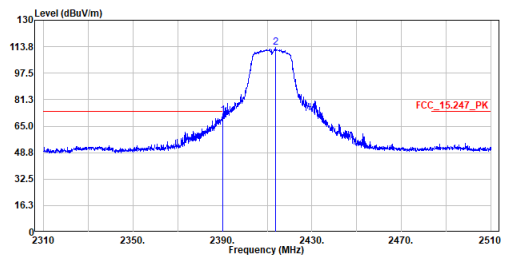
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.700	52.97	54.00	-1.03	40.65	12.32	Average
2	2410.500	102.65	-----	-----	90.21	12.44	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

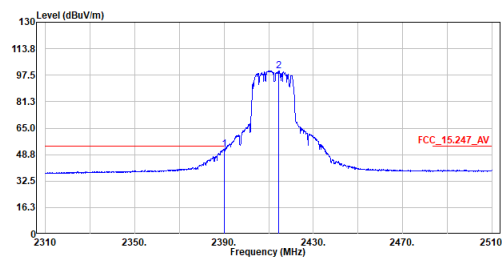
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	71.78	74.00	-2.22	59.46	12.32	Peak
2	2413.600	113.16	-----	-----	100.71	12.45	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

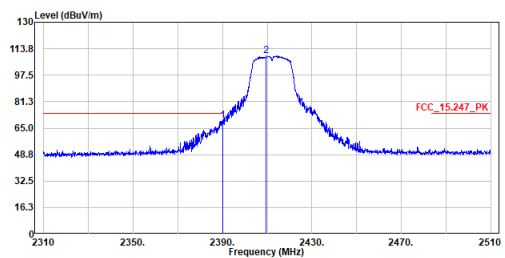
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	52.08	54.00	-1.92	39.76	12.32	Average
2	2414.500	100.10	-----	-----	87.64	12.46	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

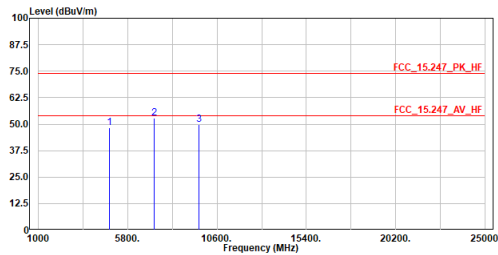
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	69.45	74.00	-4.55	57.13	12.32	Peak
2	2409.600	109.55	-----	-----	97.11	12.44	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril

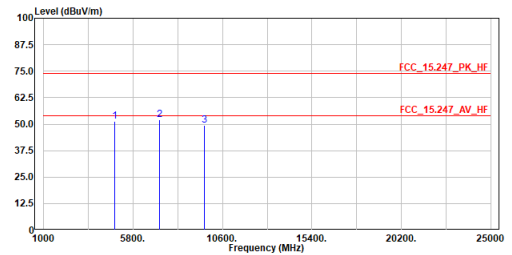


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	48.30	74.00	-25.70	64.16	-15.86	Peak
2	7236.000	52.82	74.00	-21.18	63.23	-10.41	Peak
3	9648.000	49.74	74.00	-24.26	56.16	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril

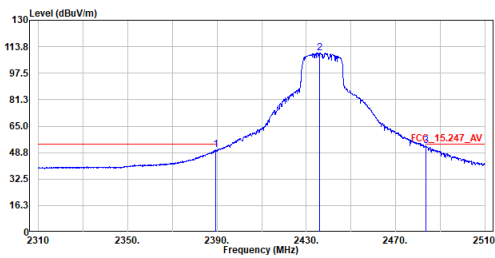


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4824.000	51.22	74.00	-22.78	67.08	-15.86	Peak
2	7236.000	51.91	74.00	-22.09	62.32	-10.41	Peak
3	9648.000	49.40	74.00	-24.60	55.82	-6.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril

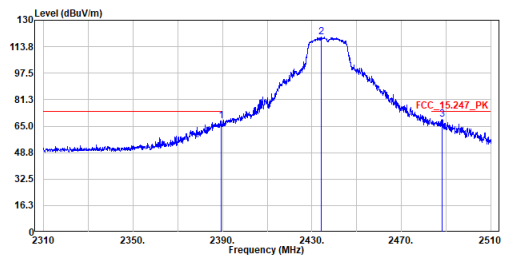


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.500	50.48	54.00	-3.52	38.16	12.32	Average
2	2436.100	110.04	-----	-----	97.48	12.56	Average
3	2483.600	52.98	54.00	-1.02	40.17	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril

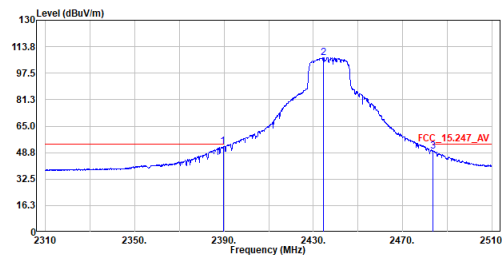


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.300	68.20	74.00	-5.80	55.88	12.32	Peak
2	2434.100	119.63	-----	-----	107.07	12.56	Peak
3	2488.100	69.30	74.00	-4.70	56.46	12.84	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril

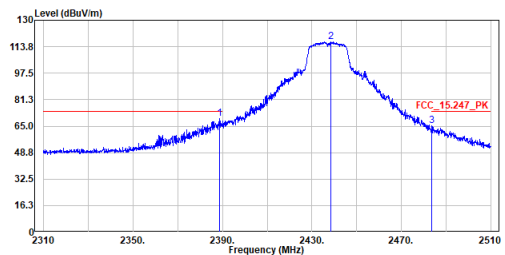


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.600	52.47	54.00	-1.53	40.15	12.32	Average
2	2434.600	106.93	-----	-----	94.37	12.56	Average
3	2483.600	49.71	54.00	-4.29	36.90	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril

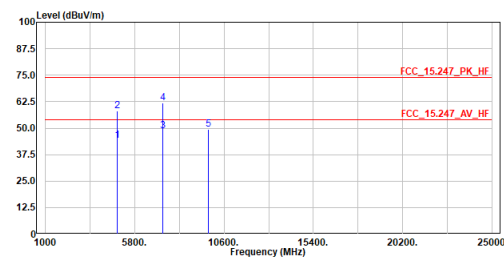


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.800	69.47	74.00	-4.53	57.15	12.32	Peak
2	2438.300	116.69	-----	-----	104.11	12.58	Peak
3	2483.600	65.44	74.00	-8.56	52.63	12.81	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril

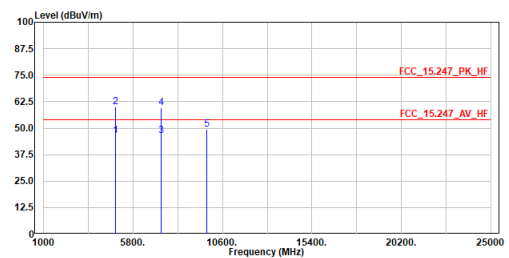


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	44.08	54.00	-9.92	59.75	-15.67	Average
2	4874.000	58.10	74.00	-15.90	73.77	-15.67	Peak
3	7311.000	48.69	54.00	-5.31	58.96	-10.27	Average
4	7311.000	61.75	74.00	-12.25	72.02	-10.27	Peak
5	9748.000	49.50	74.00	-24.50	55.77	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril

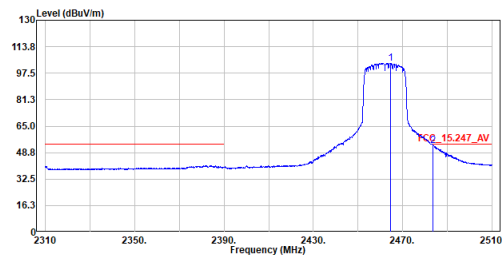


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	46.32	54.00	-7.68	61.99	-15.67	Average
2	4874.000	60.07	74.00	-13.93	75.74	-15.67	Peak
3	7311.000	46.45	54.00	-7.55	56.72	-10.27	Average
4	7311.000	59.53	74.00	-14.47	69.80	-10.27	Peak
5	9748.000	49.53	74.00	-24.47	55.80	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril

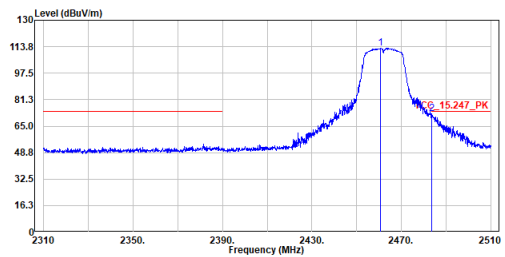


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2464.600	103.73	-----	-----	91.01	12.72	Average
2	2483.600	52.88	54.00	-1.12	40.07	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril

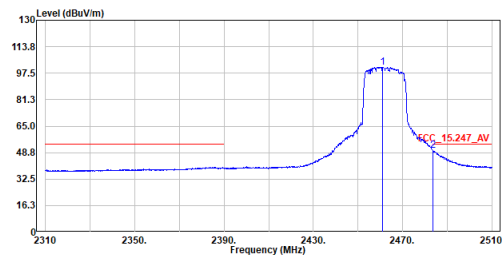


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.500	112.75	-----	-----	100.05	12.70	Peak
2	2483.700	72.36	74.00	-1.64	59.54	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril

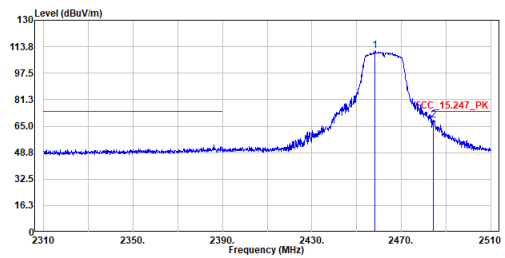


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2461.100	101.28	-----	-----	88.58	12.70	Average
2	2483.600	49.89	54.00	-4.11	37.08	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril

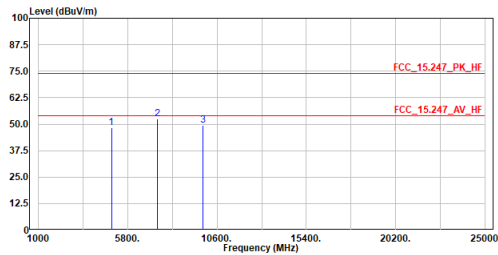


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2458.300	111.23	-----	-----	98.55	12.68	Peak
2	2484.400	68.48	74.00	-5.52	55.66	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril

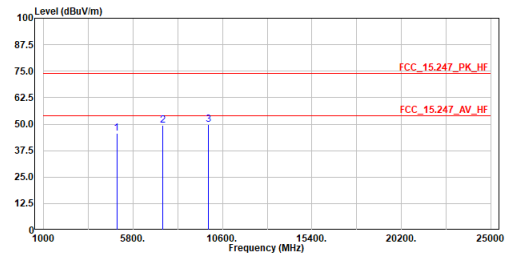


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	48.30	74.00	-25.70	63.80	-15.50	Peak
2	7386.000	52.57	74.00	-21.43	62.70	-10.13	Peak
3	9848.000	49.35	74.00	-24.65	55.47	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril

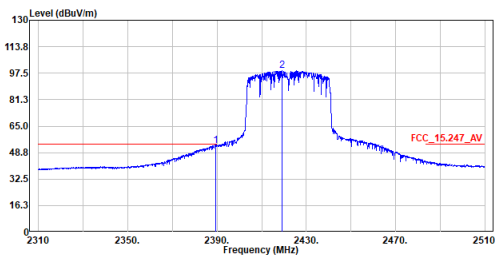


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	45.66	74.00	-28.34	61.16	-15.50	Peak
2	7386.000	49.33	74.00	-24.67	59.46	-10.13	Peak
3	9848.000	49.90	74.00	-24.10	56.02	-6.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril

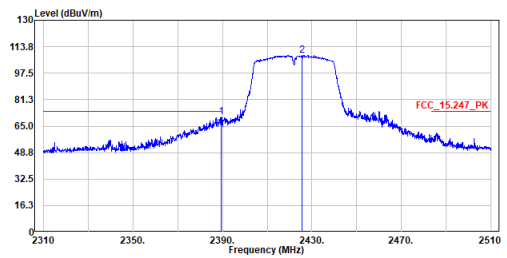


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.300	52.81	54.00	-1.19	40.49	12.32	Average
2	2419.100	99.01	-----	-----	86.53	12.48	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril

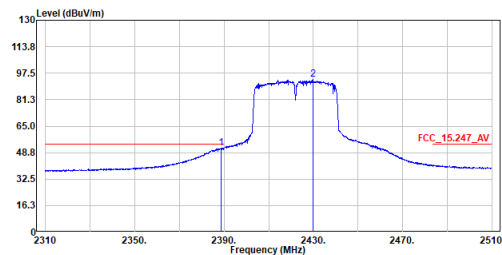


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.400	70.80	74.00	-3.20	58.48	12.32	Peak
2	2425.700	108.60	-----	-----	96.08	12.52	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril

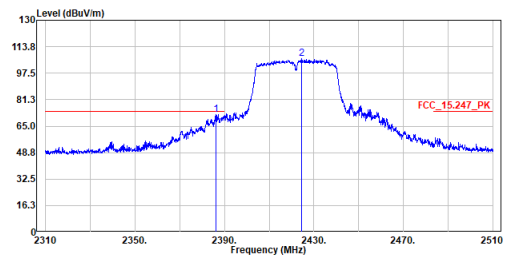


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.700	51.73	54.00	-2.27	39.41	12.32	Average
2	2429.900	93.69	-----	-----	81.16	12.53	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril

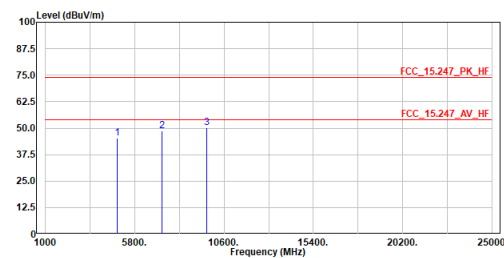


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2386.300	72.17	74.00	-1.83	59.85	12.32	Peak
2	2424.500	106.26	-----	-----	93.75	12.51	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril

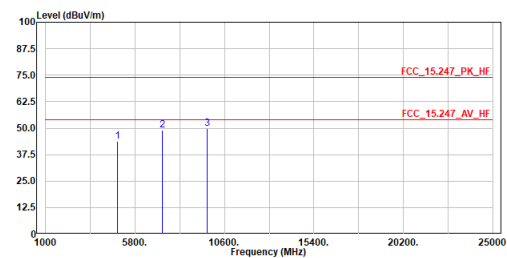


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4844.000	45.28	74.00	-28.72	61.07	-15.79	Peak
2	7266.000	48.52	74.00	-25.48	58.88	-10.36	Peak
3	9688.000	50.10	74.00	-23.90	56.46	-6.36	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril

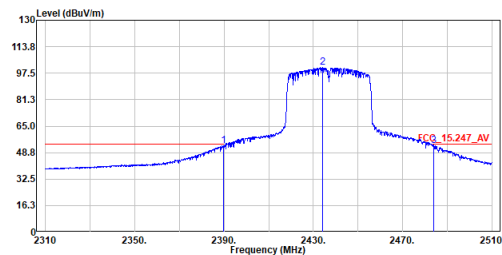


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4844.000	43.84	74.00	-30.16	59.63	-15.79	Peak
2	7266.000	48.91	74.00	-25.09	59.27	-10.36	Peak
3	9688.000	49.88	74.00	-24.12	56.24	-6.36	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril

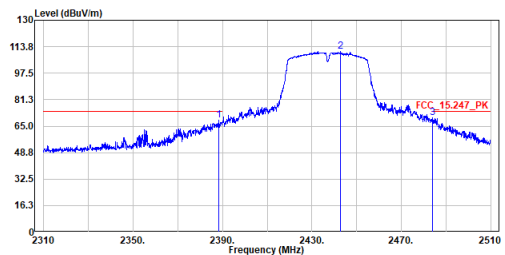


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.800	52.98	54.00	-1.02	40.66	12.32	Average
2	2434.200	100.89	-----	-----	88.33	12.56	Average
3	2483.900	52.99	54.00	-1.01	40.17	12.82	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril

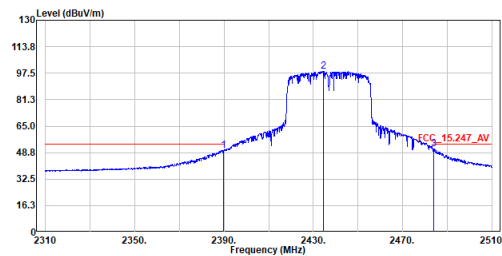


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.400	68.72	74.00	-5.28	56.40	12.32	Peak
2	2442.900	110.86	-----	-----	98.25	12.61	Peak
3	2483.800	70.09	74.00	-3.91	57.27	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril

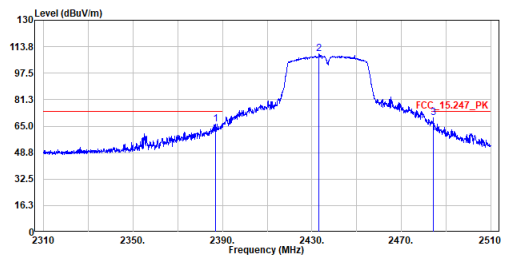


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	50.21	54.00	-3.79	37.89	12.32	Average
2	2434.400	98.69	-----	-----	86.13	12.56	Average
3	2483.800	51.17	54.00	-2.83	38.35	12.82	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril

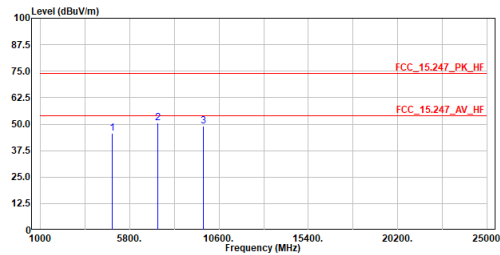


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2386.800	66.47	74.00	-7.53	54.15	12.32	Peak
2	2433.200	109.25	-----	-----	96.69	12.56	Peak
3	2484.300	70.14	74.00	-3.86	57.32	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril

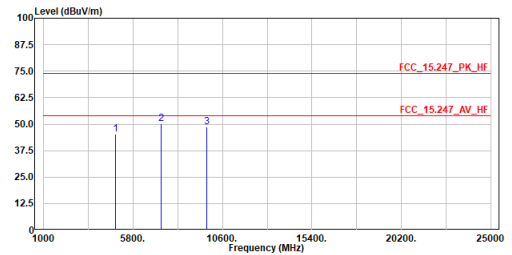


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	45.82	74.00	-28.18	61.49	-15.67	Peak
2	7311.000	50.55	74.00	-23.45	60.82	-10.27	Peak
3	9748.000	49.14	74.00	-24.86	55.41	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril

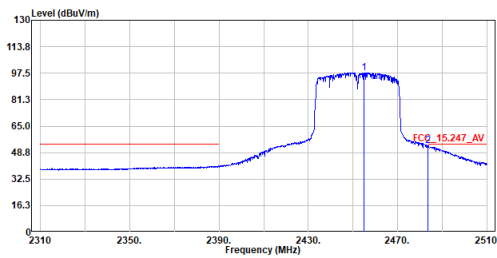


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4874.000	45.39	74.00	-28.61	61.06	-15.67	Peak
2	7311.000	50.17	74.00	-23.83	60.44	-10.27	Peak
3	9748.000	48.84	74.00	-25.16	55.11	-6.27	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril

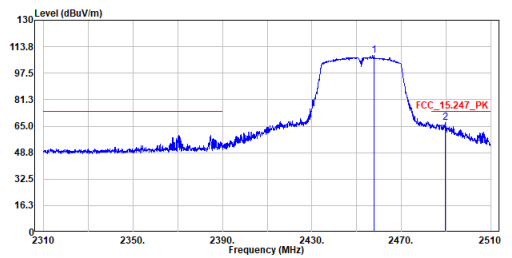


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2455.100	97.85	-----	-----	85.19	12.66	Average
2	2483.600	52.86	54.00	-1.14	40.05	12.81	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril

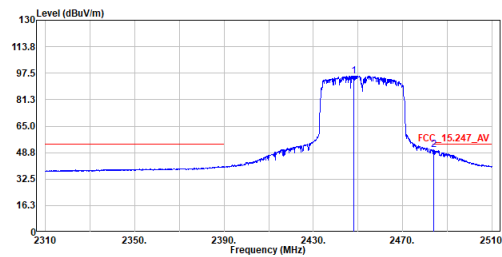


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2457.700	108.24	-----	-----	95.56	12.68	Peak
2	2489.800	67.08	74.00	-6.92	54.23	12.85	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril

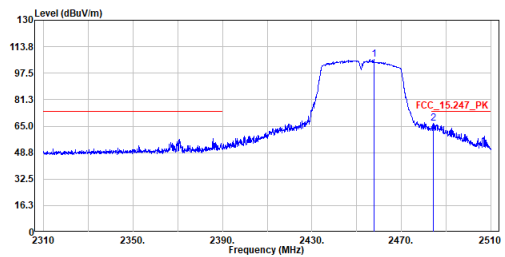


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2448.200	95.78	-----	-----	83.14	12.64	Average
2	2483.800	50.30	54.00	-3.70	37.48	12.82	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril

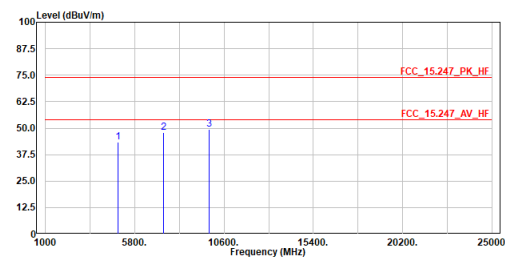


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2457.700	105.87	-----	-----	93.19	12.68	Peak
2	2484.200	66.51	74.00	-7.49	53.69	12.82	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril

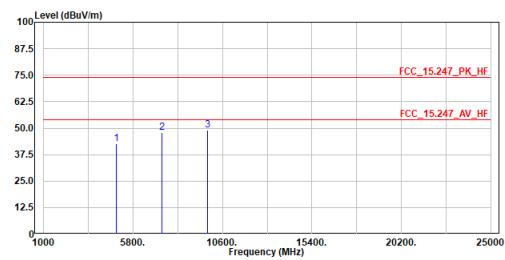


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4904.000	43.26	74.00	-30.74	58.83	-15.57	Peak
2	7356.000	47.97	74.00	-26.03	58.16	-10.19	Peak
3	9808.000	49.56	74.00	-24.44	55.74	-6.18	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4904.000	42.73	74.00	-31.27	58.30	-15.57	Peak
2	7356.000	47.92	74.00	-26.08	58.11	-10.19	Peak
3	9808.000	49.05	74.00	-24.95	55.23	-6.18	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.