

RF TEST REPORT

FCC ID: O86-FLEX12C

Test Report No.....: RF251020010-01-001
Product(s) Name.....: Tablet
Model(s).....: Flex 12C
Trade Mark.....: /
Applicant.....: MobileDemand, LC
Address.....: 1501 Boyson Square Drive, Suite 101, Hiawatha, IA 52233,USA
Receipt Date.....: 2025.12.04
Test Date.....: 2025.12.04~2026.01.26
Issued Date.....: 2026.01.27
Standards.....: 47 CFR FCC Part 15, Subpart C(Section 15.247)
ANSI C63.10:2020
Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
Lemon He	Black Ding	Tim Zhang	
Lemon He	Black Ding	Tim Zhang	

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History of this test report

Original Report Issue Date: 2026.01.27

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

MobileDemand, LC

1501 Boyson Square Drive, Suite 101, Hiawatha, IA 52233,USA

1.2 Manufacturer

MobileDemand, LC

1501 Boyson Square Drive, Suite 101, Hiawatha, IA 52233,USA

1.3 Basic Description of Equipment Under Test

Product No.	POC251020010-S001	
Equipment Name	Tablet	
Model Name	Flex 12C	
Model difference	/	
Test model	Flex 12C	
Trade Mark	/	
Power Supply	DC 7.7V from battery or DC 12V/3A from adapter	
Adapter Information	Model: GQ36-120300-AU Input: 100-240V~50/60Hz 1.0A Max Output: 12.0V===3.0A	
Operate temperature	0°C-45°C	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band and Conducted Output Power (Max power)	2400MHz ~ 2483.5MHz	●IEEE 802.11b ant2:16.18dBm(0.0415W)
Product Type	IEEE 802.11b: WLAN (SISO) IEEE 802.11g: WLAN(SISO) IEEE 802.11n: WLAN(SISO) IEEE 802.11ax: WLAN(SISO)	
Nominal Bandwidth	20MHz / 40MHz	
Modulation	IEEE 802.11b: DSSS IEEE 802.11g/n: OFDM IEEE 802.11ax: OFDMA	
Data Rate (Mbps)	IEEE 802.11b mode : 1/2/5.5/11 IEEE 802.11g mode : 6/9/12/18/24/36/48/54 IEEE 802.11n mode : up to 300 IEEE 802.11ax mode : up to 2400	
Antenna gain	Main ANT(Ant 2): 2.13dBi AUX ANT(Ant 1): 2.07dBi	
Antenna type	FPC_PIFA Antenna	

Note:

For more detailed features description, please refer to the manufacturer's or the User's manual of the EUT.

Eleven channels are provided for 802.11b, 802.11g, 802.11n20, 802.11ax20:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	01	2412MHz	07	2442MHz
	02	2417MHz	08	2447MHz
	03	2422MHz	09	2452MHz
	04	2427MHz	10	2457MHz
	05	2432MHz	11	2462MHz
	06	2437MHz	/	/

Seven channels are provided for 802.11n40MHz, 802.11ax40:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	03	2422 MHz	07	2442MHz
	04	2427MHz	08	2447MHz
	05	2432MHz	09	2452MHz
	06	2437MHz	/	/

Note: For 802.11ax mode only support full RU mode.

1.4 Transmit Operating Mode

Transmit Operating Mode				Transmit Multiple Antennas			
☒	Operating mode 1 (single antenna)			☒	1TX		
☐	Operating mode 2 (multiple antenna, no beam forming)			☐	2TX	☐	3TX ☐ 4TX
☐	Operating mode 3 (multiple antenna, with beam forming)			☐	2TX	☐	3TX ☐ 4TX
☒	802.11b	Operating mode	☒ 1TX ☐ 2TX	☐	3TX		
☒	802.11g	Operating mode	☒ 1TX ☐ 2TX	☐	3TX		
☒	802.11n(20MHz)	Operating mode	☒ 1TX ☐ 2TX	☐	3TX	☐	4TX
☒	802.11n(40MHz)	Operating mode	☒ 1TX ☐ 2TX	☐	3TX	☐	4TX
☒	802.11ax(20MHz)	Operating mode	☒ 1TX ☐ 2TX	☐	3TX	☐	4TX
☒	802.11ax(40MHz)	Operating mode	☒ 1TX ☐ 2TX	☐	3TX	☐	4TX

Note: This device have 2 antennas but support the SISO transmission mode only.

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Test item	FCC Clause	Results	Remarks
AC Power Conducted Emission	15.207	Pass	Meet the requirement of the limit
Radiated Emission and Band Edge Measurement	15.205/15.209 /15.247(d)	Pass	Meet the requirement of the limit
Spurious Emission at Antenna Port	15.247(d)	Pass	Meet the requirement of the limit
6dB Bandwidth	15.247(a)(2)	Pass	Meet the requirement of the limit
Maximum Conducted Power	15.247(b)	Pass	Meet the requirement of the limit
Power Spectral Density	15.247(e)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note
Note: The EUT has an external antenna arrangement which was permanently attached.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart C (Section 15.247)

KDB 558074 D01 15.247 Meas Guidance v05r02

ANSI C63.10:2020

2.3 Test Instruments

Radiated Emissions							
No.	Equipment	Manufacturer	Type No.	Serial No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2025/3/1	2026/2/28
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2026/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2025/3/1	2026/2/28
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2025/3/1	2026/2/28
5	Horn Antenna	SCHWARZBEC K	BBHA 9120 D	02670	JLE028	2025/4/12	2026/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2025/4/15	2026/4/14
7	Horn Antenna	SCHWARZBEC K	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	SCHWARZBEC K	FMZB15 19B	00029	JLE030	2024/7/15	2027/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2025/3/1	2026/2/28
10	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
RF Conducted Emission							
1	MXA Signal Analyzer	Keysight	N9021B	MY60080 169	JLE050	2025/3/1	2026/2/28
2	RF Control Unit	dsusoft	JS0806-2	21G8060 449	JLE053	2025/3/1	2026/2/28
3	power supply unit	dsusoft	JS0806-4 ADC	N/A	JLE055	2025/3/1	2026/2/28
4	VXG Signal Generator	Keysight	N5182B	MY59100 855	JLE068	2025/4/15	2026/4/14
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101 282	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.000 2K50-116 064-Dt	JLE054	2025/3/1	2026/2/28
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				
Conducted Emission							
1	LISN	Rohde&Schwarz	ENV216	100075	JLE002	2025/3/1	2026/2/28
2	ISN	Schwarzbeck	CATE 5 8158	#171	JLE003	2025/2/21	2026/2/20
3	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2025/3/1	2026/2/28
4	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2025/3/1	2026/2/28
5	Temp&Humidity Recorder	Meideshi	JR900	/	JLE020	2025/4/15	2026/4/14
6	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				

2.4 Test Mode

Test Items	Mode	Data Rate	Channel
AC Power Conducted Emission	802.11b	6Mbps	6
Radiated Emission and Band Edge Measurement	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20	MCS0	01/06/11
	802.11n40	MCS0	03/06/09
	802.11ax20	MCS0	01/06/11
	802.11ax40	MCS0	03/06/09
Spurious Emission at Antenna Port	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20	MCS0	01/06/11
	802.11n40	MCS0	03/06/09
	802.11ax20	MCS0	01/06/11
	802.11ax40	MCS0	03/06/09
6dB Bandwidth	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20	MCS0	01/06/11
	802.11n40	MCS0	03/06/09
	802.11ax20	MCS0	01/06/11
	802.11ax40	MCS0	03/06/09
Maximum Conducted Power	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20	MCS0	01/06/11
	802.11n40	MCS0	03/06/09
	802.11ax20	MCS0	01/06/11
	802.11ax40	MCS0	03/06/09
Power Spectral Density	802.11b	1Mbps	01/06/11
	802.11g	6Mbps	01/06/11
	802.11n20	MCS0	01/06/11
	802.11n40	MCS0	03/06/09
	802.11ax20	MCS0	01/06/11
	802.11ax40	MCS0	03/06/09

Note1: For AC Power Conducted Emission and Radiated Emission below 1GHz, only worst case was recorded.

2.5 Test Condition

Applicable to	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	24.8°C, 48% RH	AC 120V/60Hz	Keith Huang
Radiated Emission and Band Edge Measurement	23.6°C, 56% RH	AC 120V/60Hz	Lemon He
Spurious Emission at Antenna Port	23.6°C, 53% RH	AC 120V/60Hz	Freedom Zhuo
6dB Bandwidth	23.6°C, 53% RH	AC 120V/60Hz	Freedom Zhuo
Maximum Conducted Power	23.6°C, 53% RH	AC 120V/60Hz	Freedom Zhuo
Power Spectral Density	23.6°C, 53% RH	AC 120V/60Hz	Freedom Zhuo

Note: Adapter supply voltage AC 120V/60Hz.

The applicant declare the operating environment of EUT as below:

Normal conditions: AC 120V/60Hz, 0~45°C

2.6 Duty Cycle of Test Signal

If duty cycle is $\geq 98\%$, duty factor is not required.

If duty cycle is $< 98\%$, duty factor shall be considered.

All the duty factor of other test mode have been considered.

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
11B	Ant1	2412	8.35	8.61	96.98	0.13
	Ant2	2412	8.36	8.40	99.52	0.02
	Ant1	2437	8.36	8.61	97.10	0.13
	Ant2	2437	8.36	8.39	99.64	0.02
	Ant1	2462	8.35	8.61	96.98	0.13
	Ant2	2462	8.35	8.40	99.40	0.03
11G	Ant1	2412	1.05	1.31	80.15	0.96
	Ant2	2412	0.19	0.23	82.61	0.83
	Ant1	2437	1.04	1.15	90.43	0.44
	Ant2	2437	0.19	0.24	79.17	1.01
	Ant1	2462	2.09	2.17	96.31	0.16
	Ant2	2462	0.20	0.24	83.33	0.79
11N20SISO	Ant1	2412	4.02	4.07	98.77	0.05
	Ant2	2412	4.02	4.07	98.77	0.05
	Ant1	2437	4.02	4.07	98.77	0.05
	Ant2	2437	4.02	4.07	98.77	0.05
	Ant1	2462	4.01	4.06	98.77	0.05
	Ant2	2462	4.02	4.07	98.77	0.05
11N40SISO	Ant1	2422	3.99	4.04	98.76	0.05
	Ant2	2422	4.00	4.04	99.01	0.04
	Ant1	2437	3.99	4.04	98.76	0.05
	Ant2	2437	4.00	4.04	99.01	0.04
	Ant1	2452	3.99	4.04	98.76	0.05
	Ant2	2452	3.99	4.04	98.76	0.05
11AX20SISO	Ant1	2412	0.28	0.33	84.85	0.71
	Ant2	2412	0.27	0.32	84.38	0.74
	Ant1	2437	0.27	0.32	84.38	0.74
	Ant2	2437	0.27	0.32	84.38	0.74
	Ant1	2462	0.27	0.32	84.38	0.74
	Ant2	2462	0.27	0.32	84.38	0.74
11AX40SISO	Ant1	2422	1.03	1.29	79.84	0.98
	Ant2	2422	0.19	0.24	79.17	1.01
	Ant1	2437	1.03	1.29	79.84	0.98
	Ant2	2437	0.18	0.22	81.82	0.87
	Ant1	2452	1.03	1.29	79.84	0.98

	Ant2	2452	0.18	0.22	81.82	0.87
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11B_Ant2_2437



11B_Ant1_2462



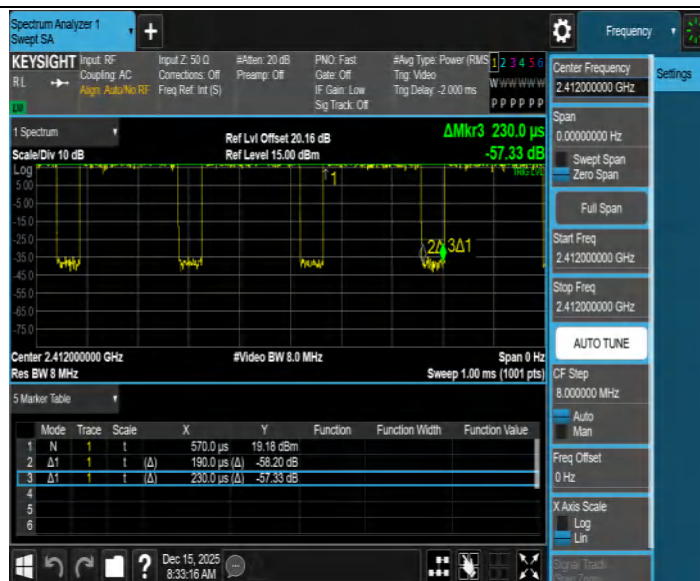
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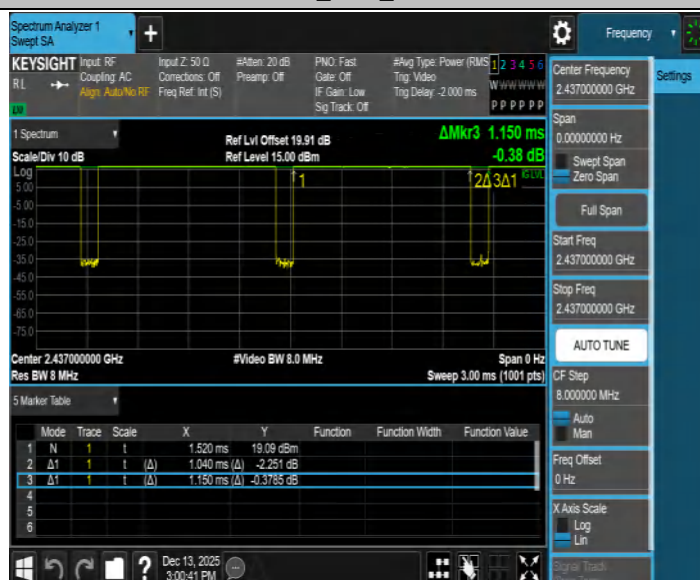
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11G_Ant2_2412



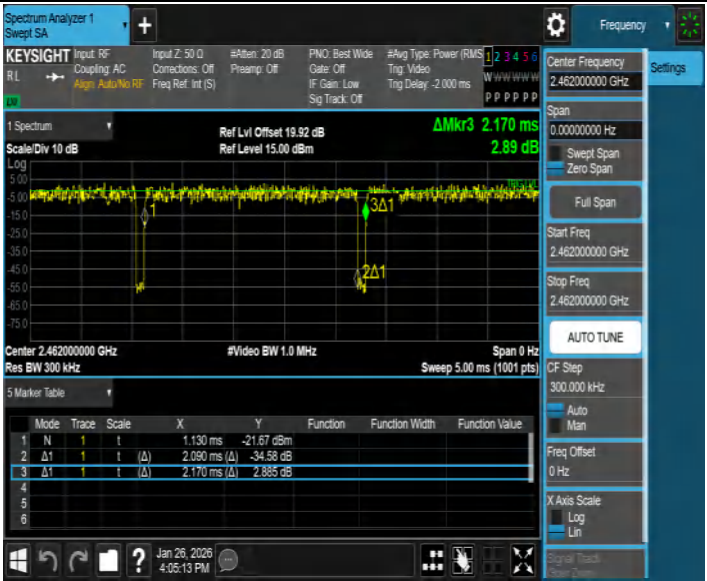
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11G_Ant2_2437



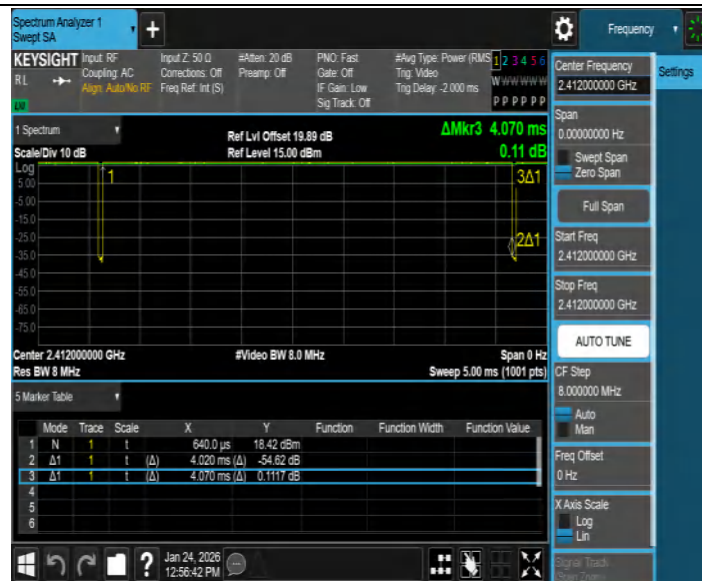
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11G_Ant2_2462



11N20SISO_Ant1_2412



11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



11N20SISO_Ant2_2462



11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



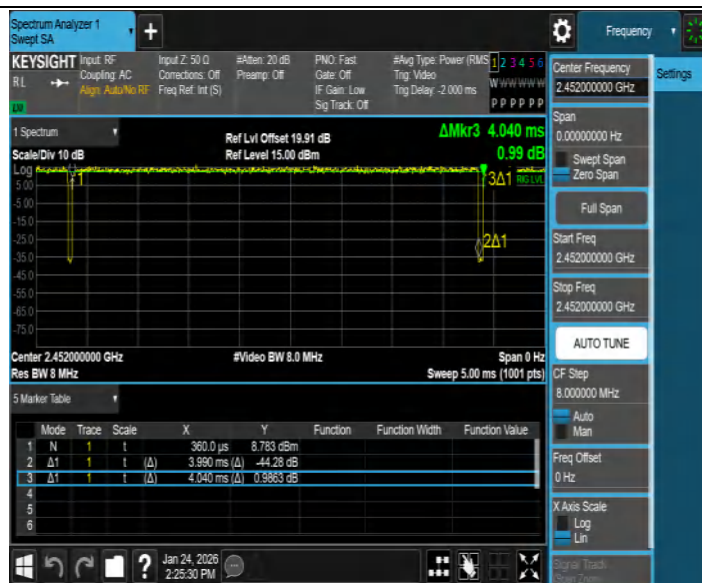
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11N40SISO_Ant2_2452



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11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant2_2437



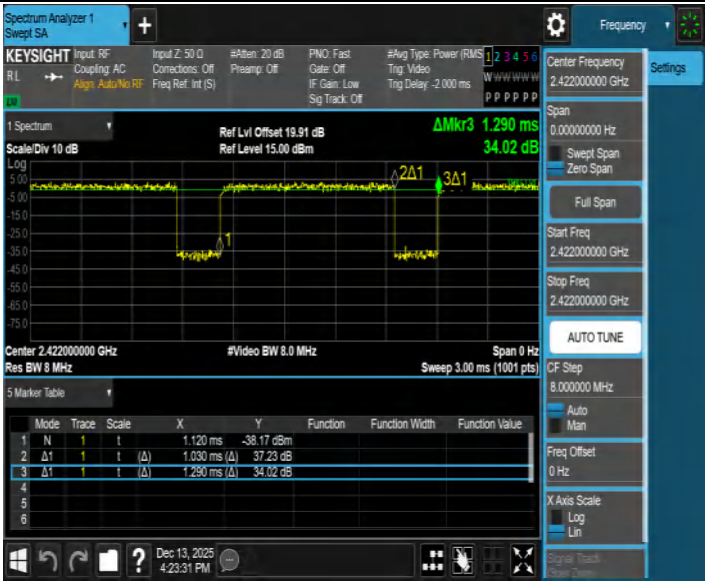
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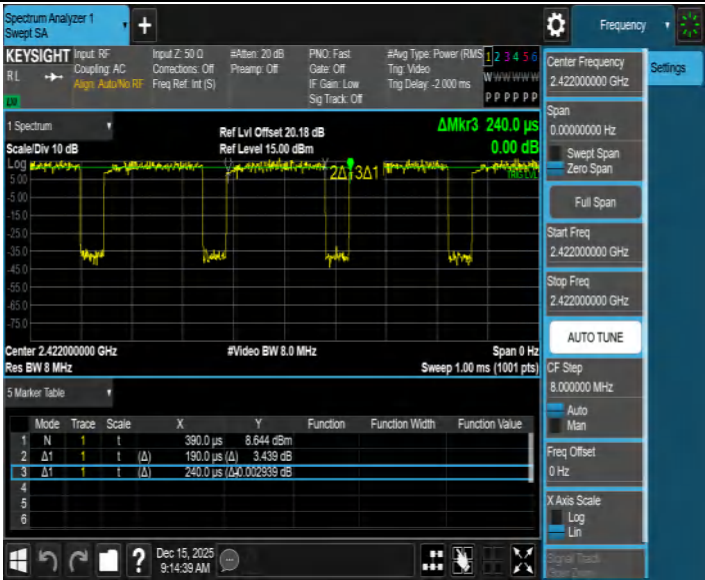
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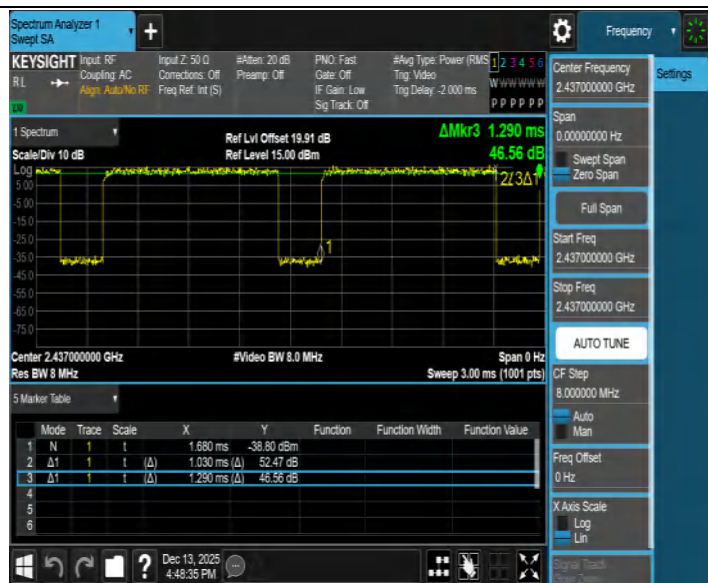
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11AX40SISO_Ant2_2422



11AX40SISO_Ant1_2437

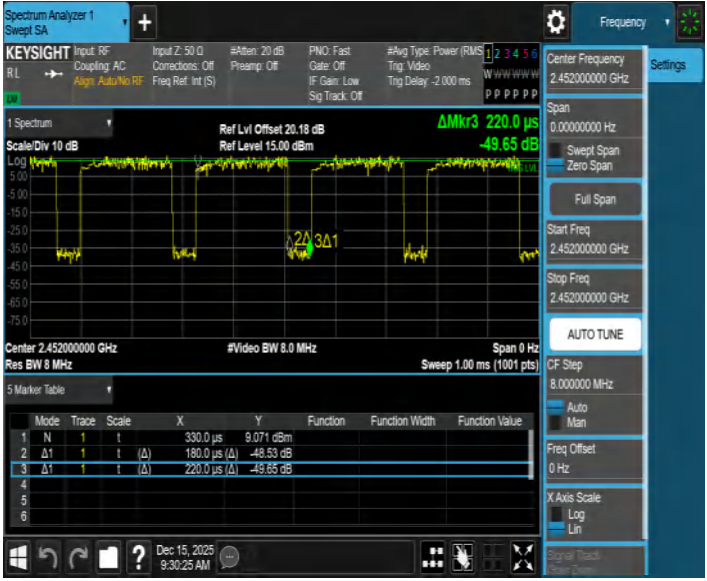


11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452





2.7 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 143.88\text{kHz}$
Power Spectral Density	$\pm 0.743\text{dB}$
Conducted Spurious Emission	$\pm 1.328\text{dB}$
RF power conducted	$\pm 0.384\text{dB}$
Conducted emission(9kHz~30MHz) AC main	$\pm 2.72\text{dB}$
Radiated emission(9kHz~30MHz)	$\pm 2.66\text{dB}$
Radiated emission (30MHz~1GHz)	$\pm 4.62\text{dB}$
Radiated emission (1GHz~18GHz)	$\pm 4.86\text{dB}$
Radiated emission (18GHz~40GHz)	$\pm 3.80\text{dB}$

2.8 Test Location

Company:	Shenzhen Haiyun Standard Technical CO., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier	CN0145
A2LA Certificate Number	6823.01
Telephone:	0755-26024411

2.9 Description of Support Units

No.	Equipment	Model	Manufacturer	Series No
1	Earphone	/	/	/
2	Hard drive	/	Kingston	/
3	U-Disk	KN524721	Kingston	/
4	Router	E1630	ZTE	548216345
5	Monitor	CH6100	CHANGHONG	C62310547

3. Test Procedure And Results

3.1 AC Power Line Conducted Emission

3.1.1 Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

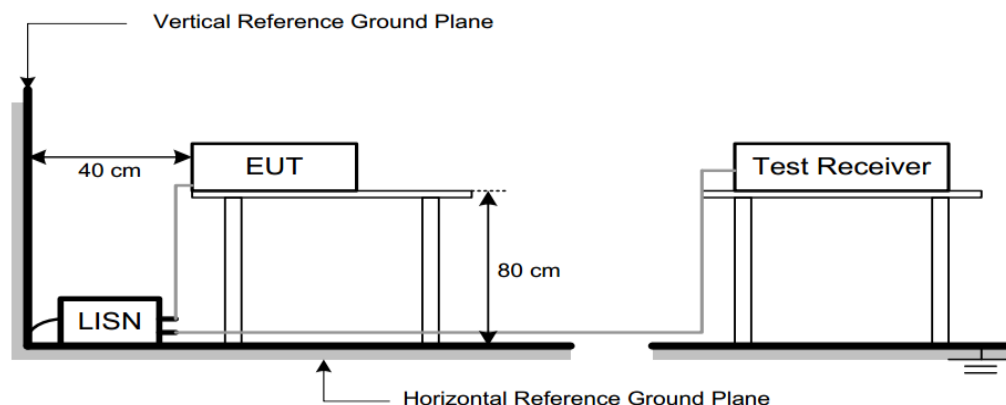
3.1.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☐ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme

Note: ● : Test ○ : No Test

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

3.1.3 Test Setup



3.1.4 Test Result

Note:

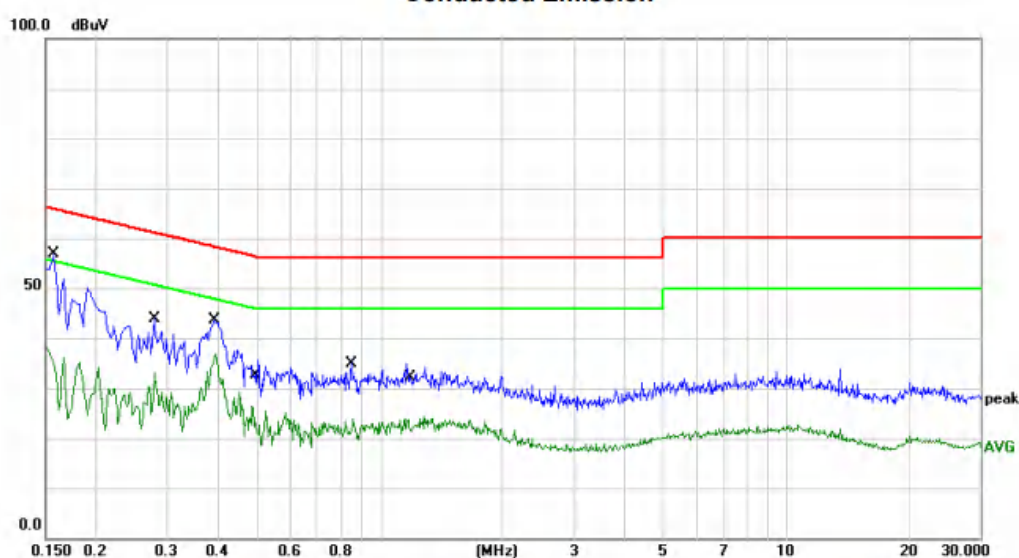
1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading + Correct Factor.
3. Over = Measurement – Limit

We only recorded the data of the worst mode. Please see the following:

150kHz~30MHz	Worst Case Operating Mode: 11B Channel 6
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Line

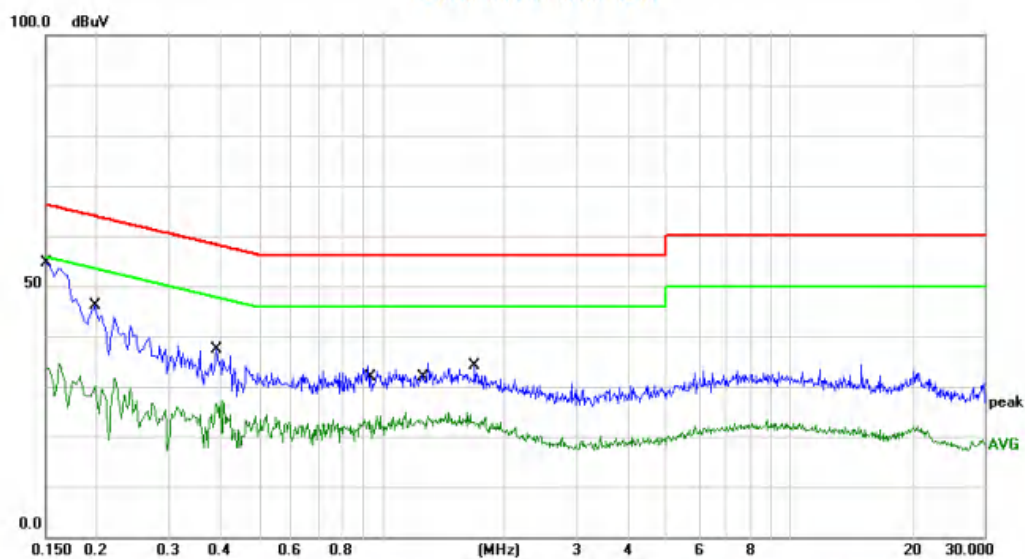
Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	0.1556	31.41	19.50	50.91	65.70	-14.79	QP		
2		0.1556	12.62	19.50	32.12	55.70	-23.58	AVG		
3		0.2765	20.15	19.52	39.67	60.92	-21.25	QP		
4		0.2765	9.60	19.52	29.12	50.92	-21.80	AVG		
5		0.3914	21.36	19.52	40.88	58.03	-17.15	QP		
6		0.3914	13.57	19.52	33.09	48.03	-14.94	AVG		
7		0.4930	10.21	19.53	29.74	56.12	-26.38	QP		
8		0.4930	2.36	19.53	21.89	46.12	-24.23	AVG		
9		0.8543	7.11	19.61	26.72	56.00	-29.28	QP		
10		0.8543	0.78	19.61	20.39	46.00	-25.61	AVG		
11		1.1858	7.52	19.71	27.23	56.00	-28.77	QP		
12		1.1858	1.98	19.71	21.69	46.00	-24.31	AVG		

Neutral

Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	0.1501	31.71	19.70	51.41	65.99	-14.58	QP		
2		0.1501	13.58	19.70	33.28	55.99	-22.71	AVG		
3		0.1965	22.07	19.70	41.77	63.76	-21.99	QP		
4		0.1965	7.58	19.70	27.28	53.76	-26.48	AVG		
5		0.3940	13.52	19.71	33.23	57.98	-24.75	QP		
6		0.3940	5.83	19.71	25.54	47.98	-22.44	AVG		
7		0.9343	7.61	19.86	27.47	56.00	-28.53	QP		
8		0.9343	2.18	19.86	22.04	46.00	-23.96	AVG		
9		1.2850	7.98	19.97	27.95	56.00	-28.05	QP		
10		1.2850	2.96	19.97	22.93	46.00	-23.07	AVG		
11		1.6970	7.27	20.15	27.42	56.00	-28.58	QP		
12		1.6970	2.56	20.15	22.71	46.00	-23.29	AVG		

3.2 Radiated Emission and Band Edge

3.2.1 Limit

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequency (MHz)	Distance Meters(m)	Field Strength Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 – 0.49	300	$2400/F(\text{kHz})$	-
0.490 – 1.705	30	$24000/F(\text{kHz})$	-
1.705 – 30	30	30	-
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Note: (1) Emission level $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.2.2 Test Procedure

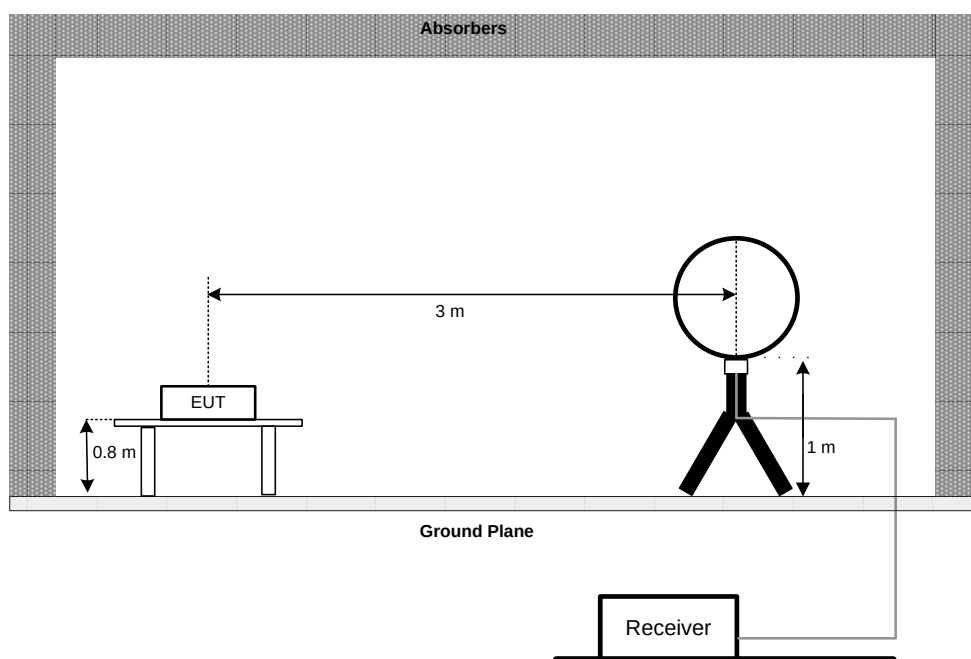
Test Method	
☐ Conducted Measurement	☒ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- The measuring distance of 3 m or 1.5m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

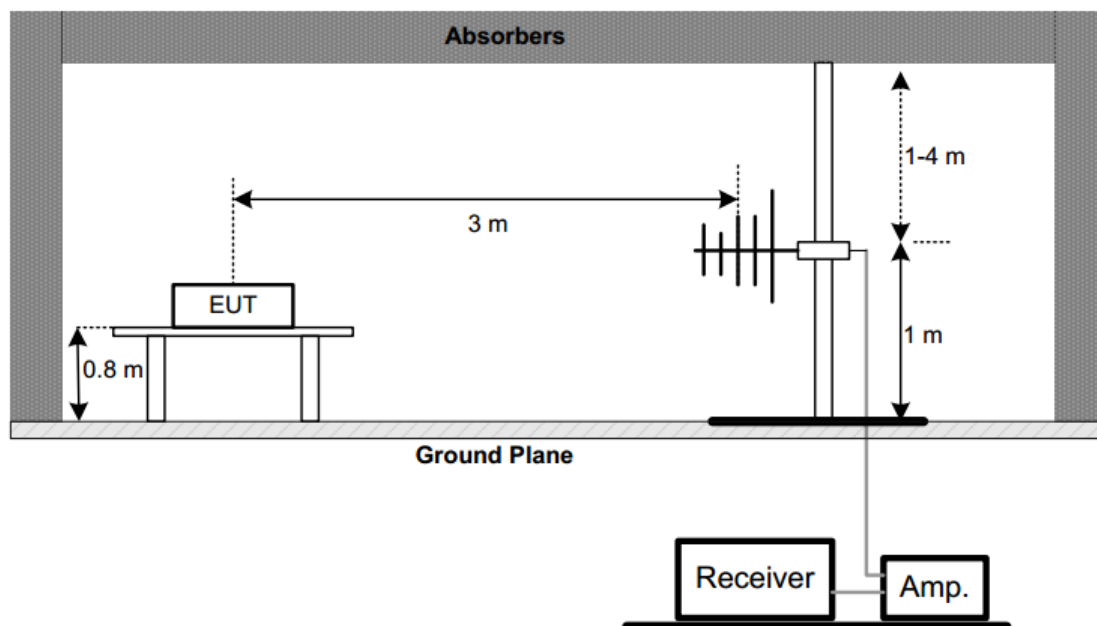
- d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e) The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f) The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g) All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- h) All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i) For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.2.3 Test Setup

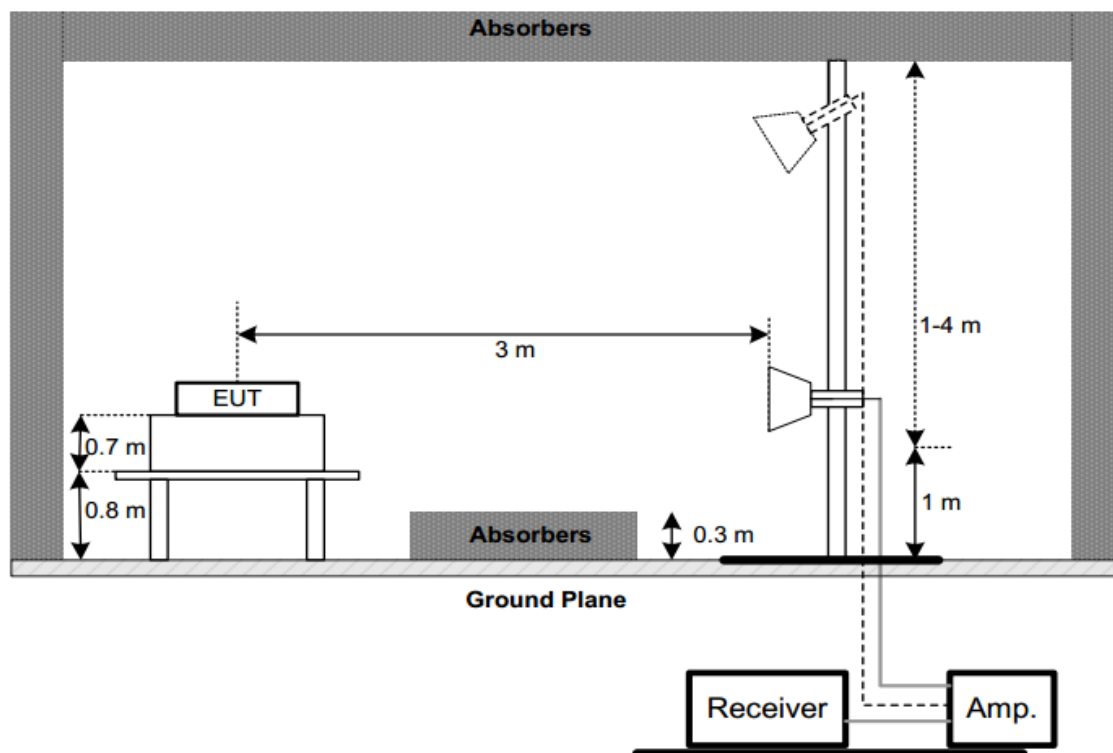
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(B) Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



(C) Radiated Emission Test Set-Up Frequency Above 1 GHz



3.2.4 Test Result

1) Radiated emission: 9kHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

2) Radiated emission: 30MHz-1G

Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

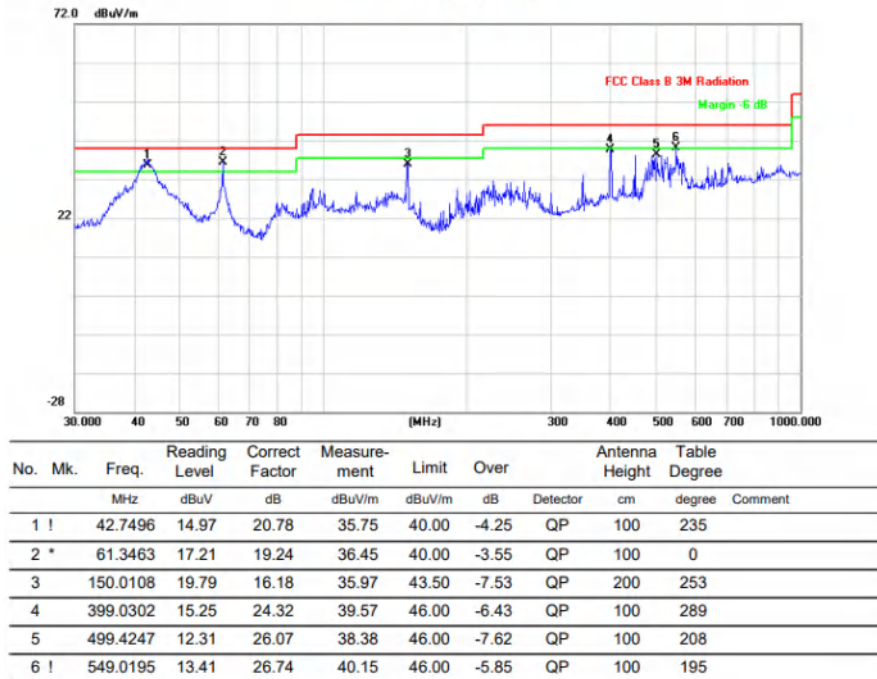
We only recorded the data of the worst mode. Please see the following:

Below 1G (30MHz~1GHz)

Worst Case Operating Mode: 11G Channel 6

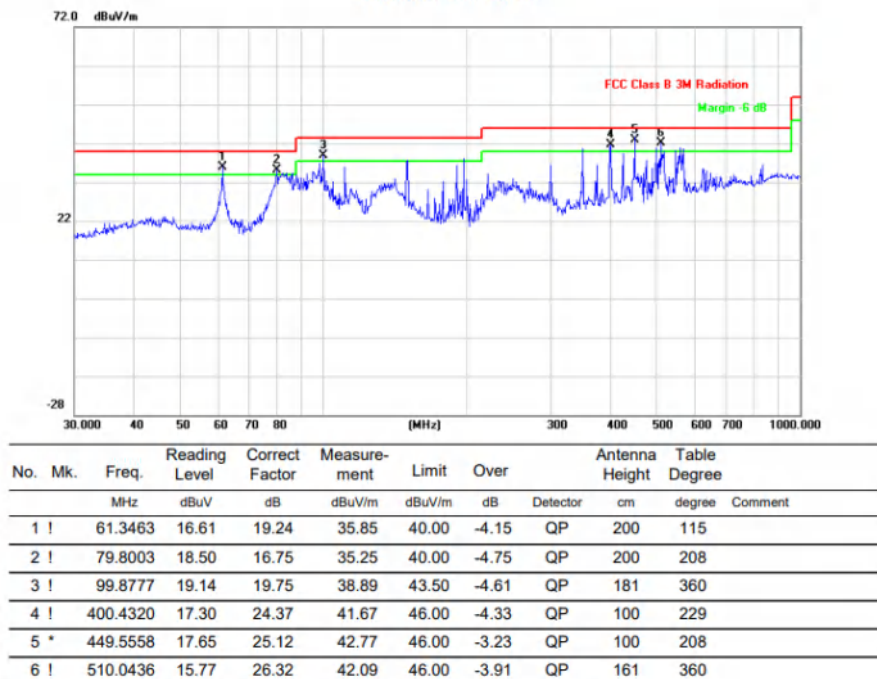
VERTICAL

Radiated Emission



HORIZONTAL

Radiated Emission



3) Radiated emission: Above 1G

Note:

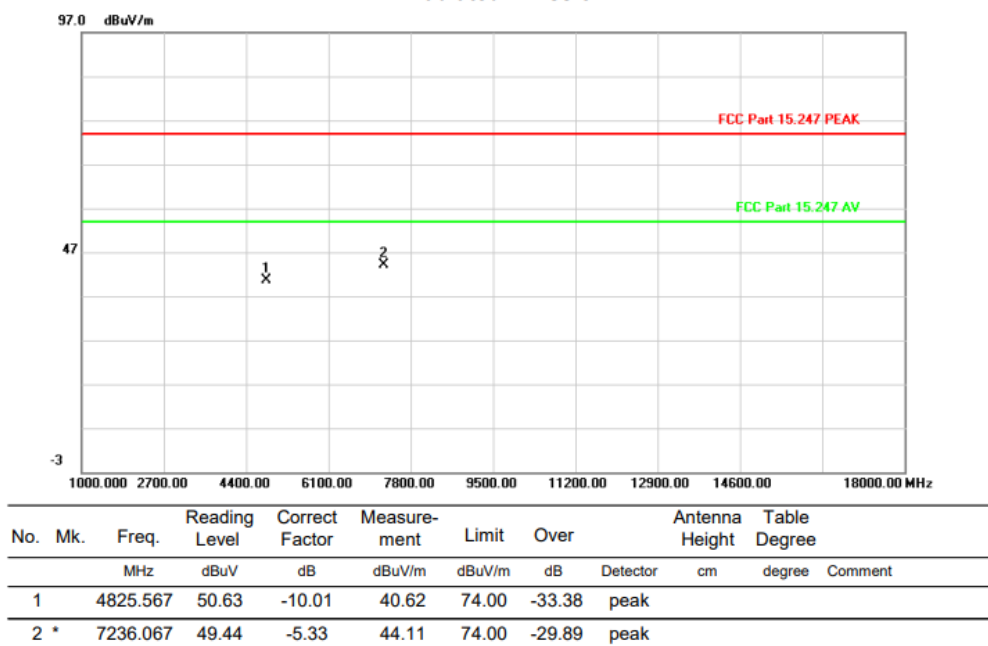
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

Both the main antenna(ant2) and the auxiliary antenna(ant1) have be tested, and found that the main antenna(ant2) performed the worst. Recorded the data of the worst mode as below:

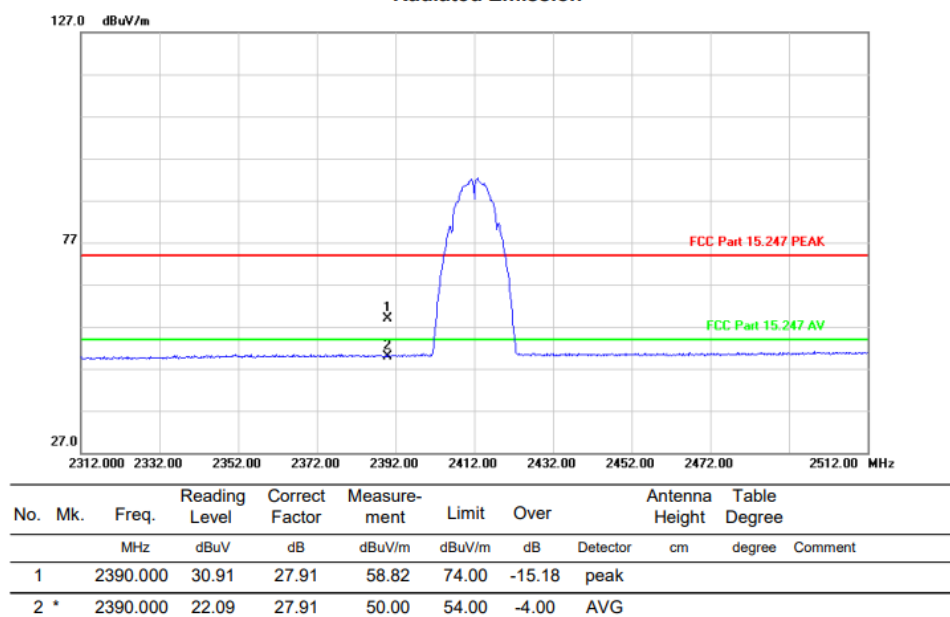
Above 1G (1GHz~18GHz)	Test mode:11B ANT2	Test Channel:1
-----------------------	--------------------	----------------

VERTICAL

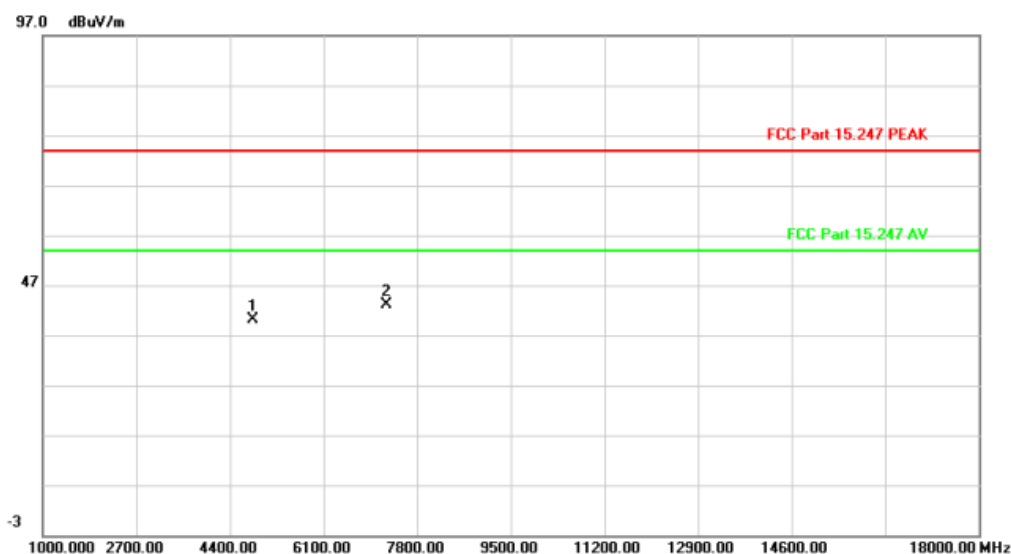
Radiated Emission



Radiated Emission

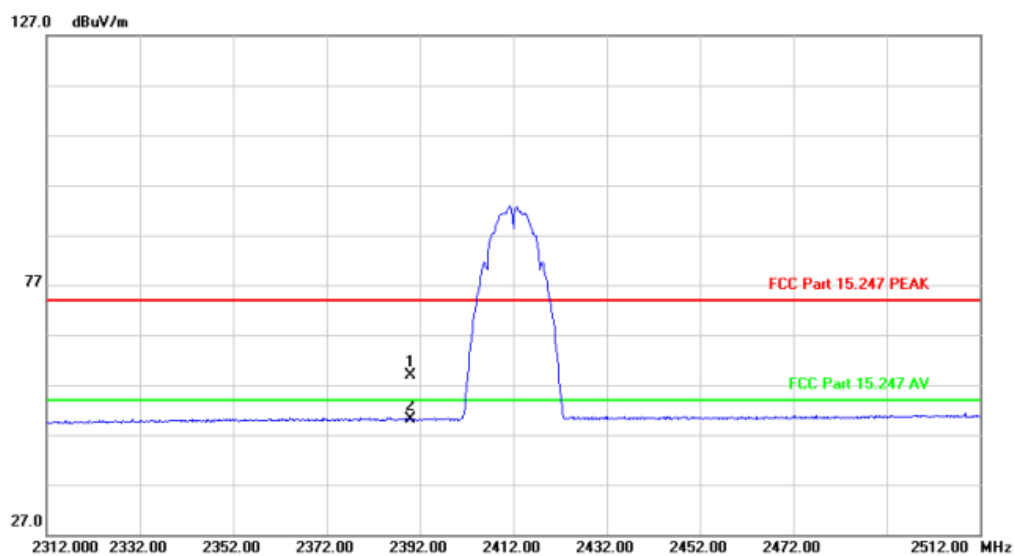


HORIZONTALA Radiated Emission



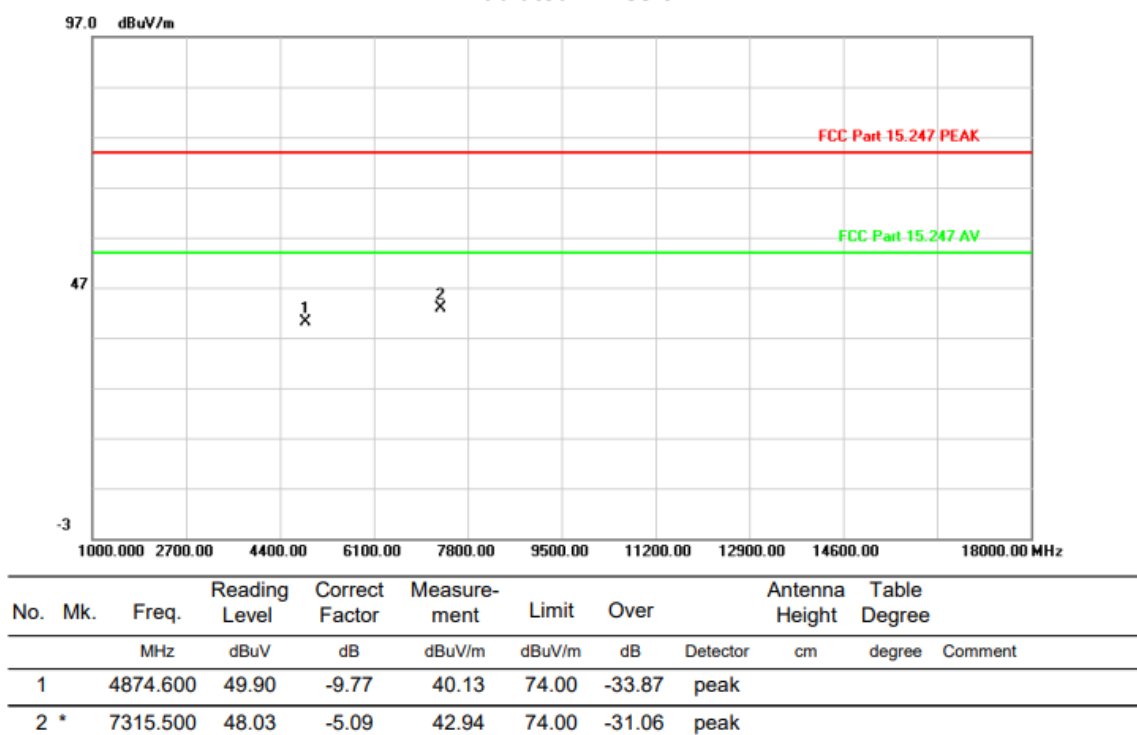
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.067	50.18	-10.02	40.16	74.00	-33.84	peak		
2	*	7241.267	48.57	-5.32	43.25	74.00	-30.75	peak		

Radiated Emission

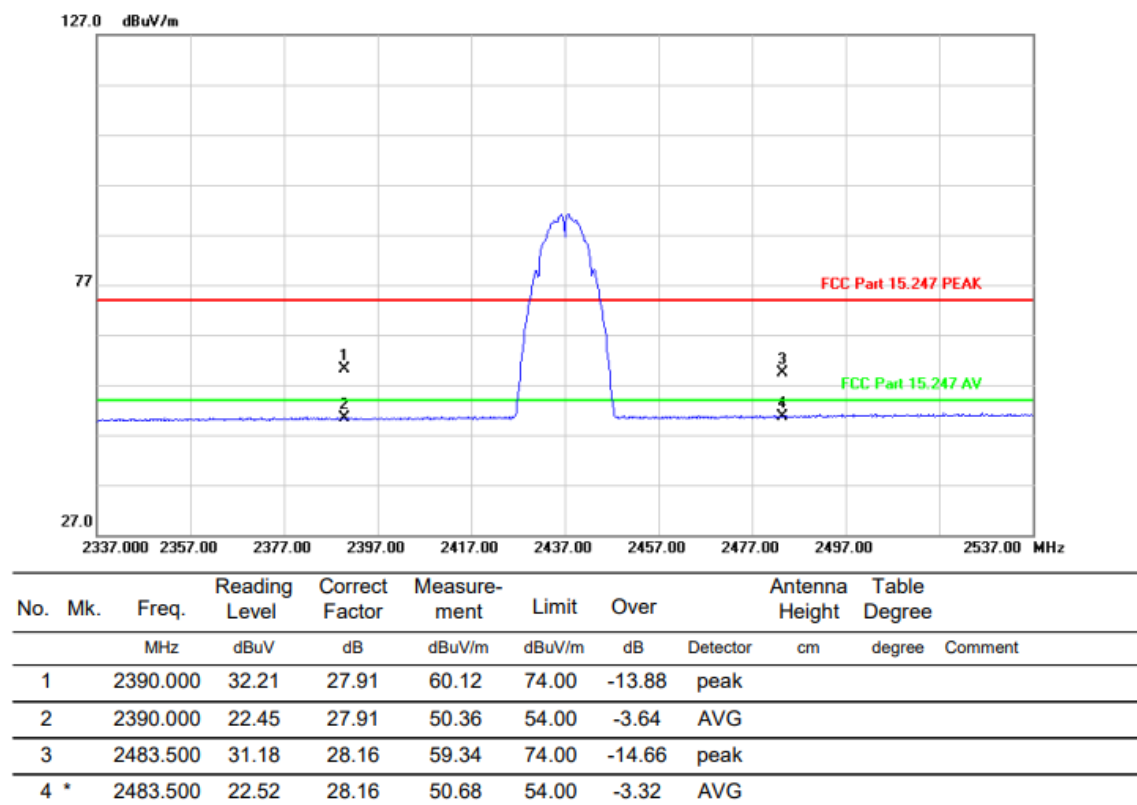


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.91	27.91	58.82	74.00	-15.18	peak		
2	*	2390.000	22.22	27.91	50.13	54.00	-3.87	AVG		

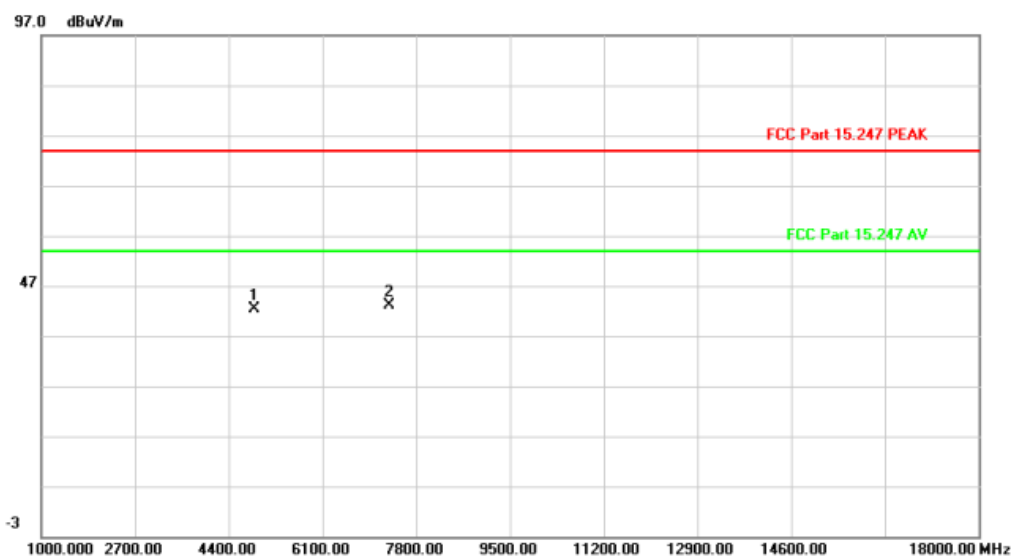
VERTICAL Radiated Emission



Radiated Emission

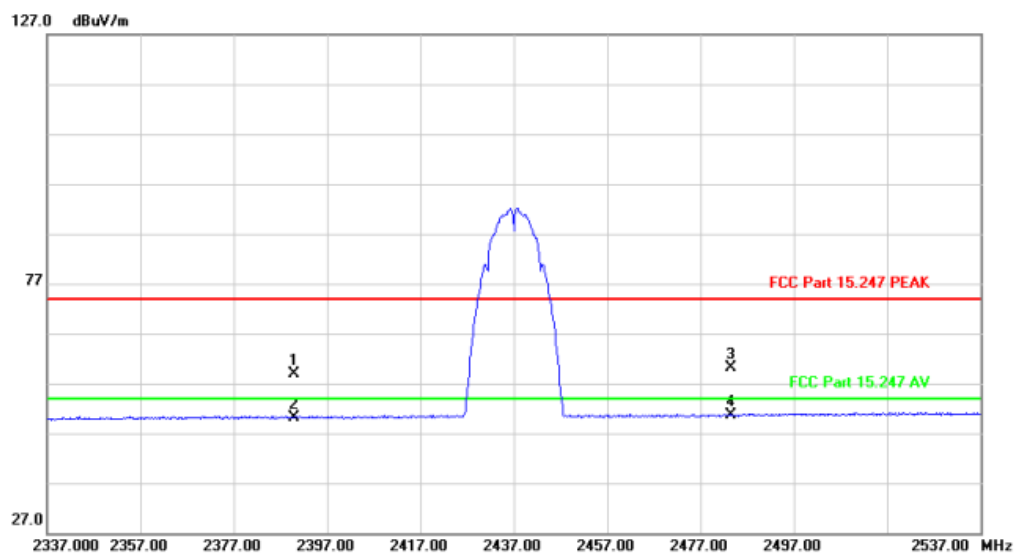


HORIZONTALA Radiated Emission

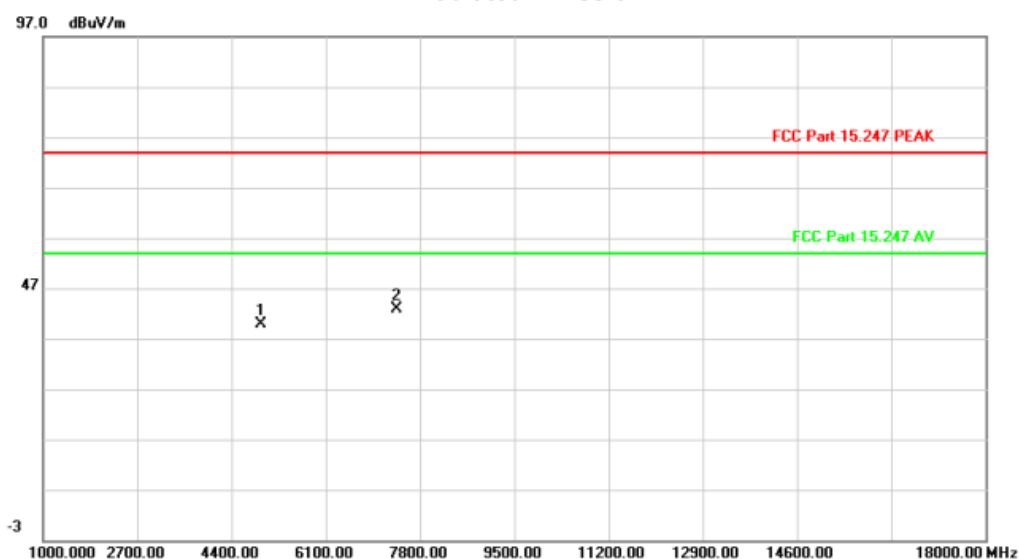


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4867.500	52.17	-9.80	42.37	74.00	-31.63	peak		
2	*	7311.300	48.15	-5.10	43.05	74.00	-30.95	peak		

Radiated Emission

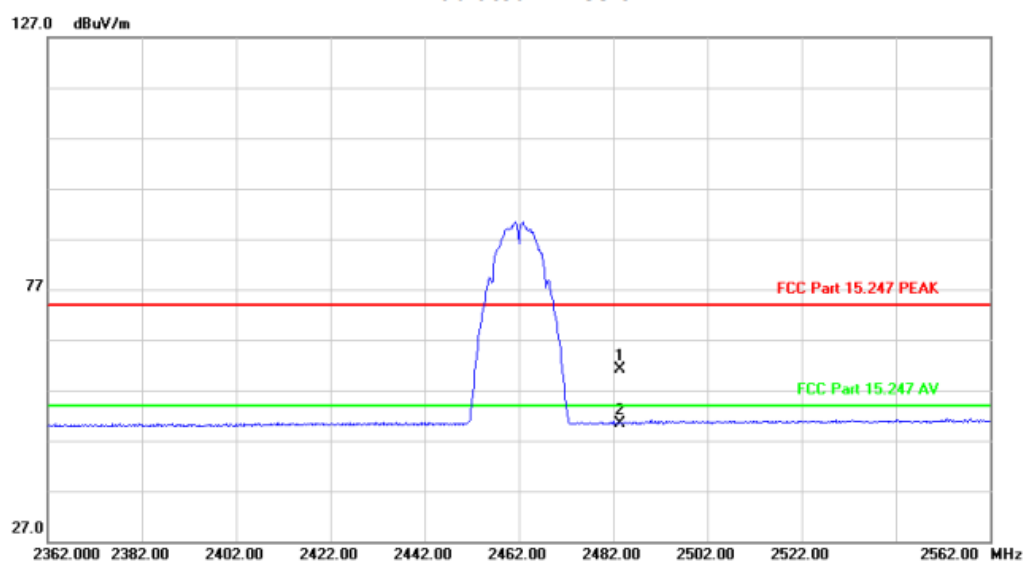


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.91	27.91	58.82	74.00	-15.18	peak		
2		2390.000	22.15	27.91	50.06	54.00	-3.94	AVG		
3		2483.500	31.99	28.16	60.15	74.00	-13.85	peak		
4	*	2483.500	22.39	28.16	50.55	54.00	-3.45	AVG		

VERTICAL
Radiated Emission

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4923.600	49.37	-9.52	39.85	74.00	-34.15	peak		
2 *		7386.267	47.68	-4.87	42.81	74.00	-31.19	peak		

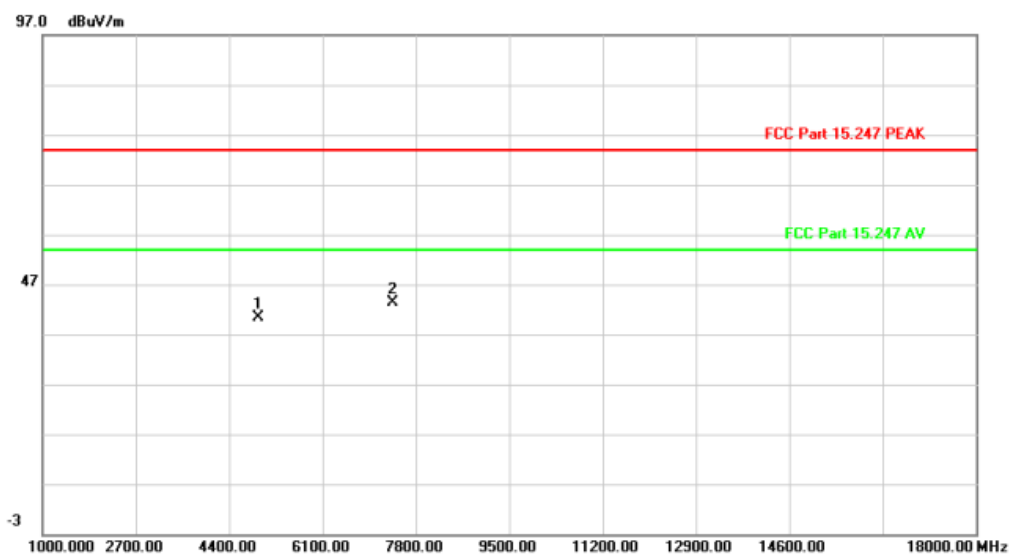
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	32.99	28.16	61.15	74.00	-12.85	peak		
2 *		2483.500	22.21	28.16	50.37	54.00	-3.63	AVG		

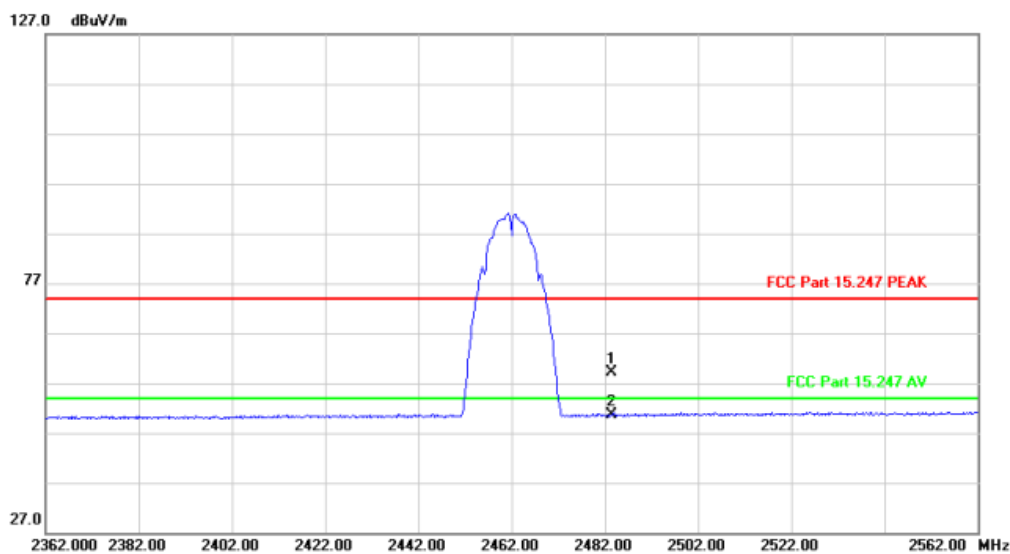
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.567	49.93	-9.52	40.41	74.00	-33.59	peak		
2	*	7388.033	48.19	-4.86	43.33	74.00	-30.67	peak		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	30.99	28.16	59.15	74.00	-14.85	peak		
2	*	2483.500	22.45	28.16	50.61	54.00	-3.39	AVG		

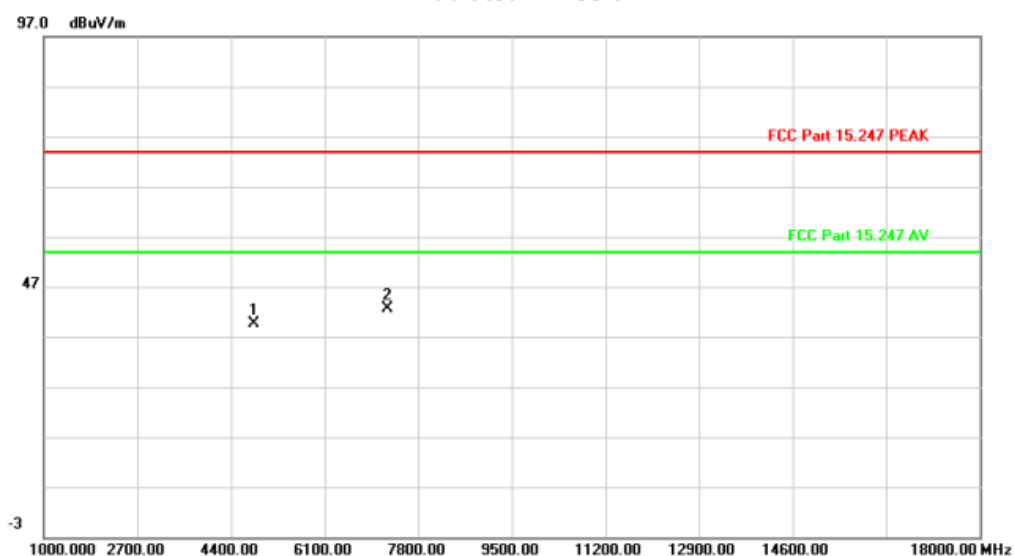
Above 1G (1GHz~18GHz)

Test mode:11G ANT2

Test Channel:1

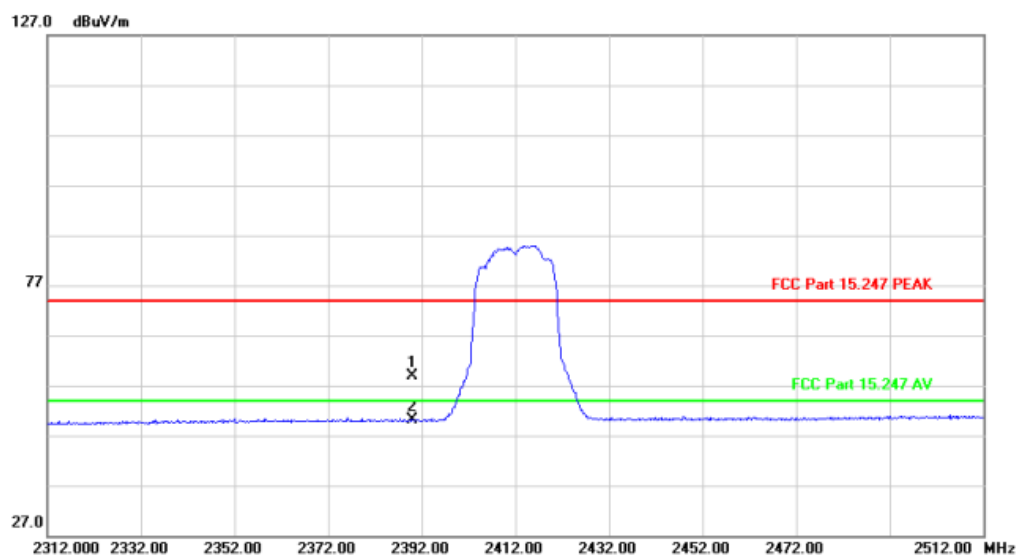
VERTICAL

Radiated Emission



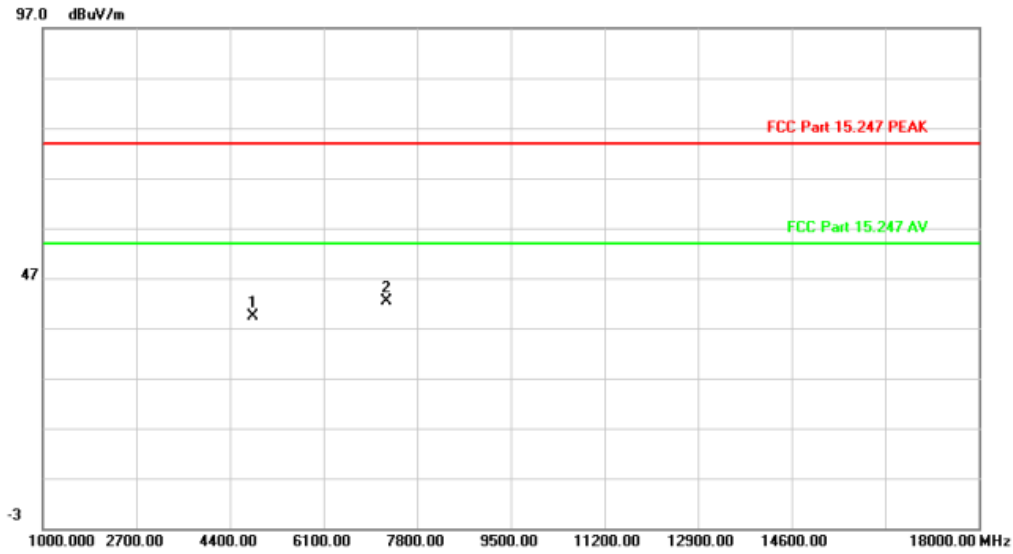
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.300	49.54	-10.02	39.52	74.00	-34.48	peak		
2	*	7236.850	47.85	-5.33	42.52	74.00	-31.48	peak		

Radiated Emission



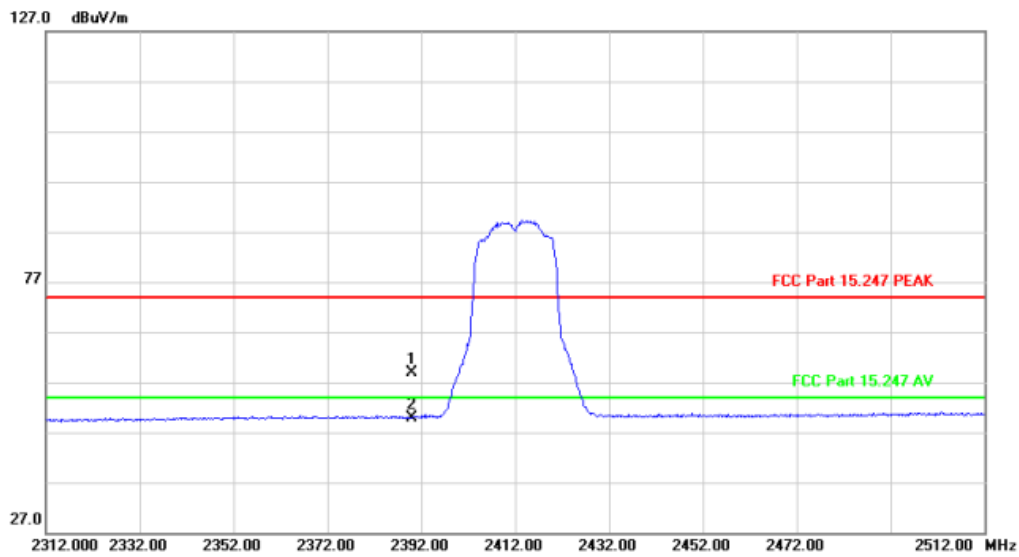
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.88	27.91	58.79	74.00	-15.21	peak		
2	*	2390.000	22.14	27.91	50.05	54.00	-3.95	AVG		

HORIZONTAL Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.850	49.32	-10.02	39.30	74.00	-34.70	peak		
2 *		7241.833	47.67	-5.31	42.36	74.00	-31.64	peak		

Radiated Emission

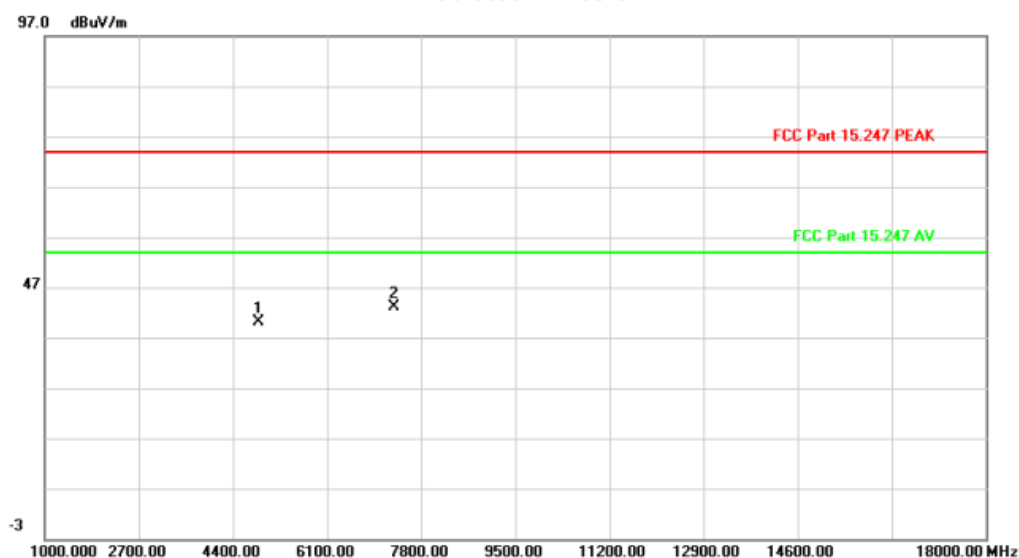


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.91	27.91	58.82	74.00	-15.18	peak		
2 *		2390.000	21.97	27.91	49.88	54.00	-4.12	AVG		

Above 1G (1GHz~18GHz)

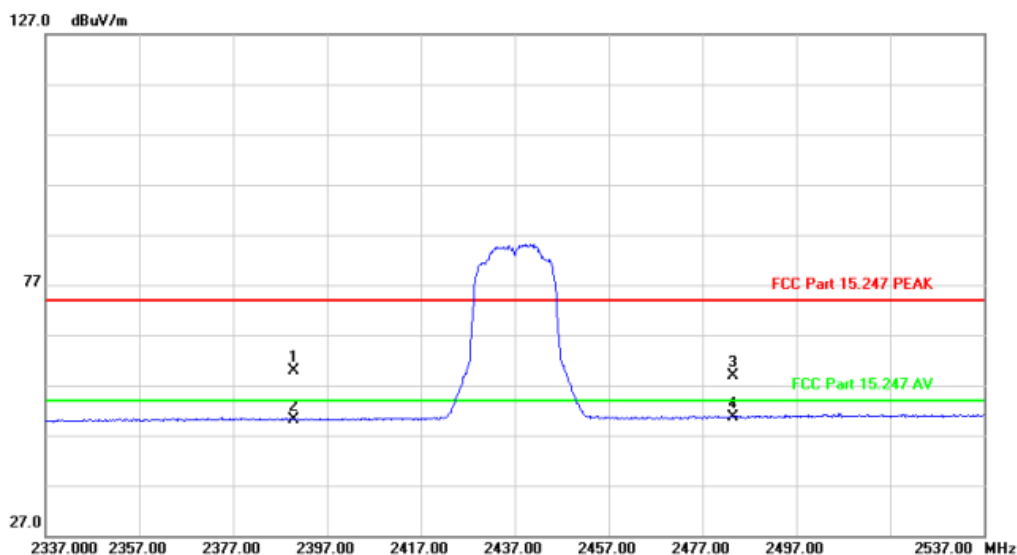
Test mode:11G ANT2

Test Channel:6

VERTICAL
Radiated Emission

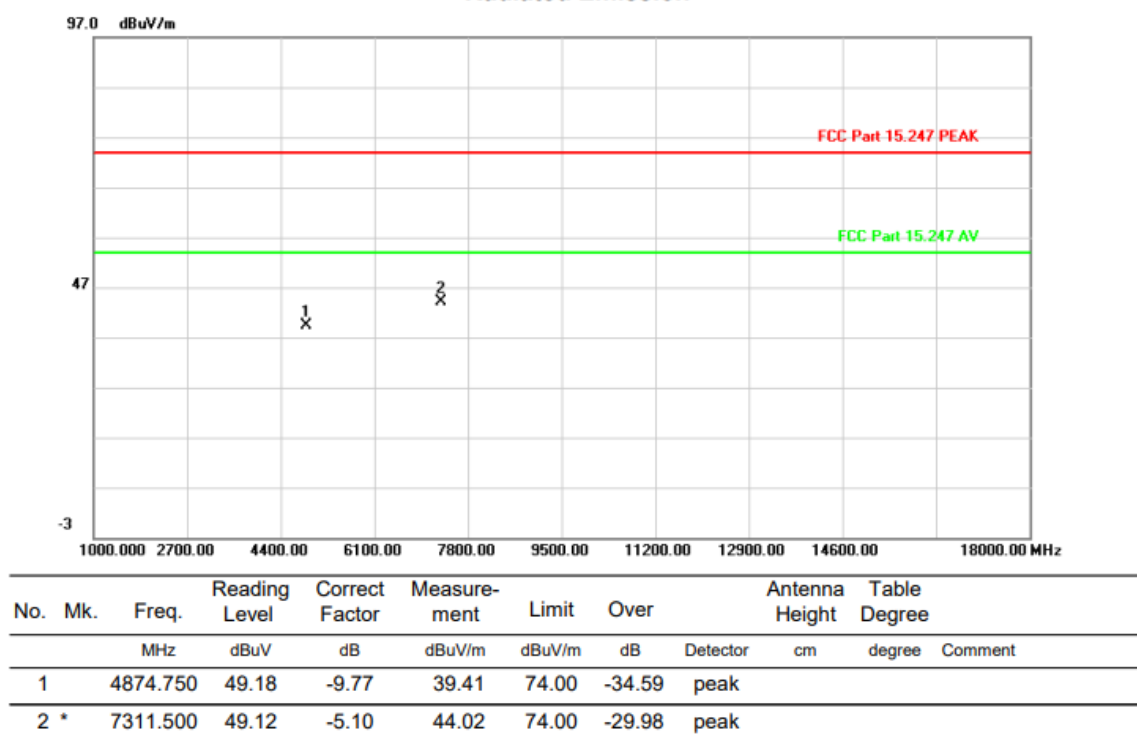
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4872.033	49.81	-9.78	40.03	74.00	-33.97	peak		
2	*	7311.330	48.22	-5.10	43.12	74.00	-30.88	peak		

Radiated Emission

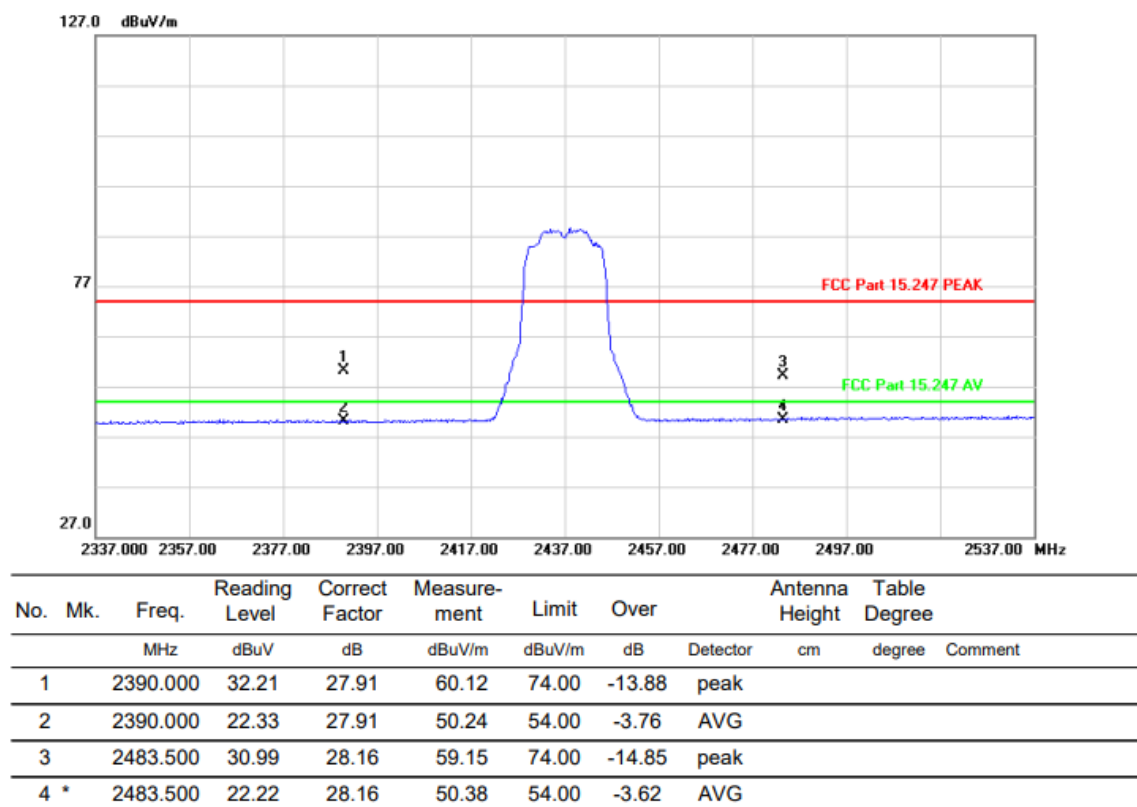


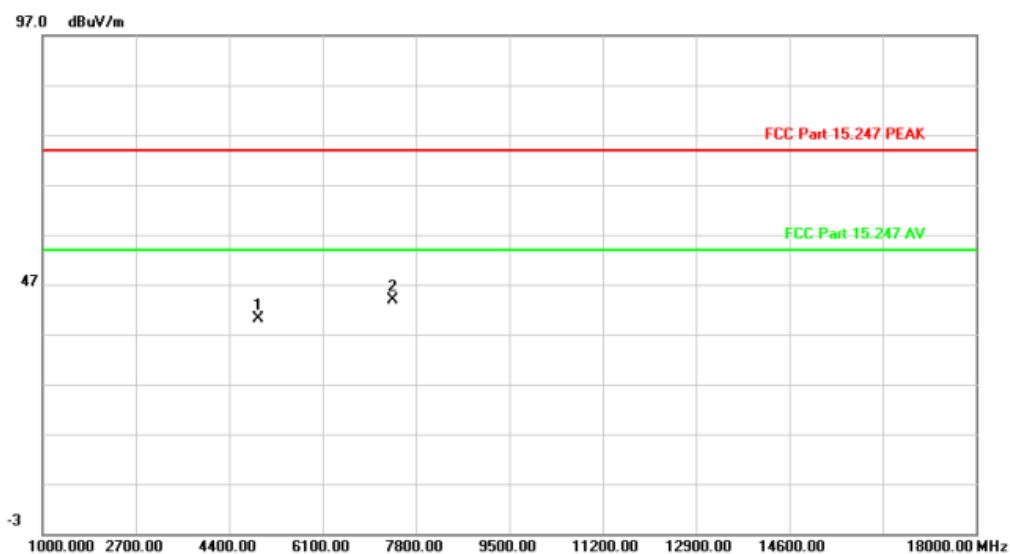
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	31.91	27.91	59.82	74.00	-14.18	peak		
2		2390.000	22.23	27.91	50.14	54.00	-3.86	AVG		
3		2483.500	30.65	28.16	58.81	74.00	-15.19	peak		
4	*	2483.500	22.52	28.16	50.68	54.00	-3.32	AVG		

HORIZONTALA Radiated Emission



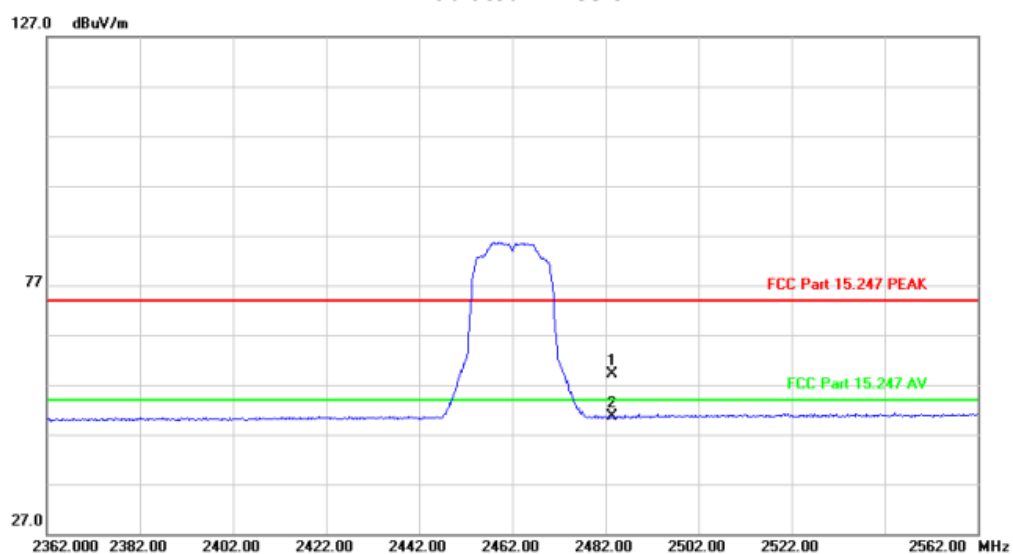
Radiated Emission



VERTICAL
Radiated Emission

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4925.867	49.59	-9.51	40.08	74.00	-33.92	peak		
2 *		7391.433	48.63	-4.85	43.78	74.00	-30.22	peak		

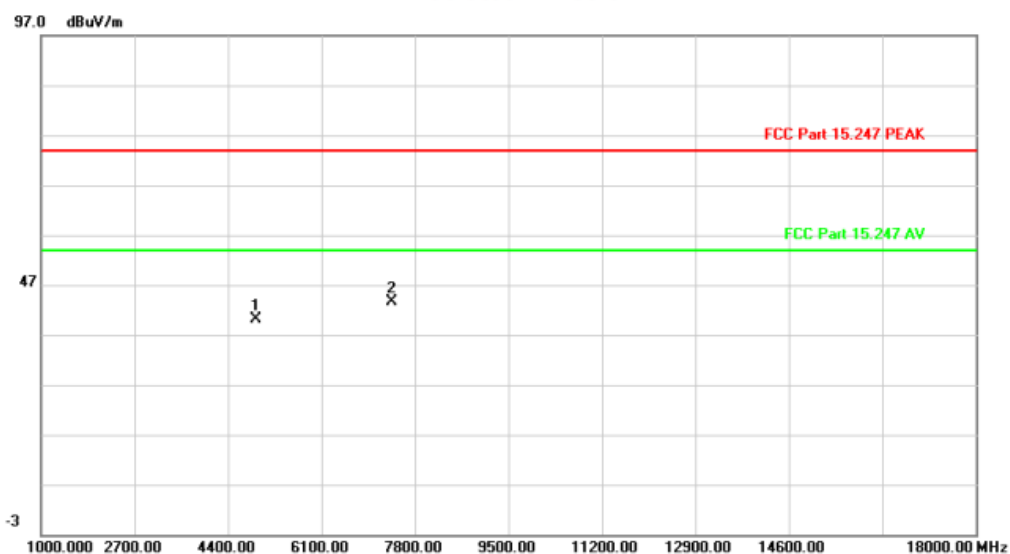
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	30.99	28.16	59.15	74.00	-14.85	peak		
2 *		2483.500	22.37	28.16	50.53	54.00	-3.47	AVG		

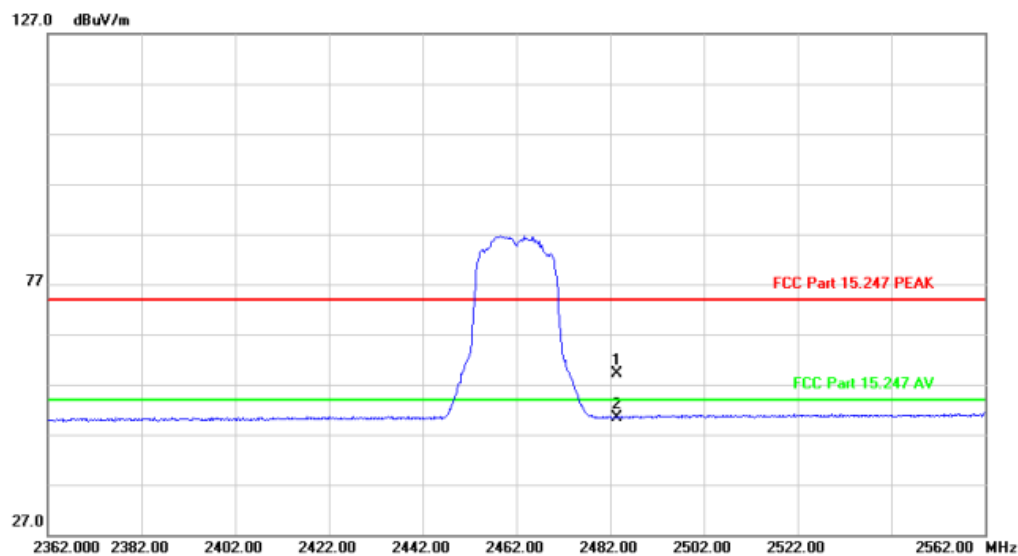
HORIZONTALA

Radiated Emission



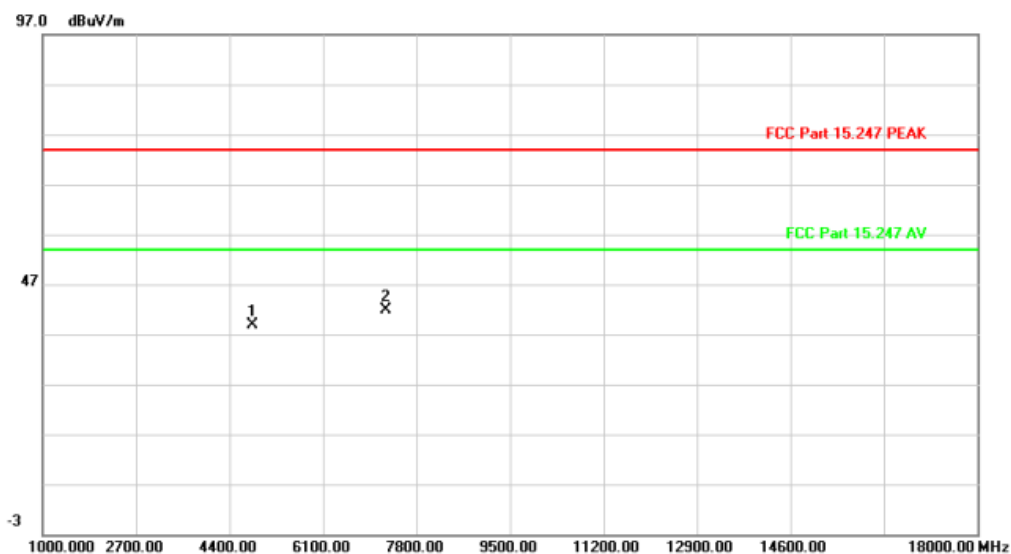
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4916.233	49.73	-9.56	40.17	74.00	-33.83	peak		
2	*	7382.367	48.43	-4.88	43.55	74.00	-30.45	peak		

Radiated Emission



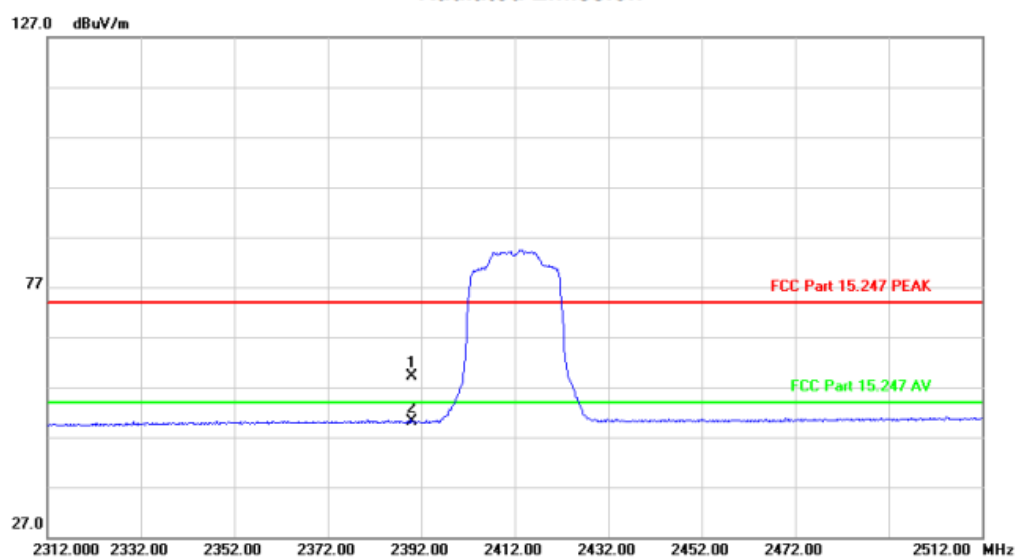
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	30.99	28.16	59.15	74.00	-14.85	peak		
2	*	2483.500	22.32	28.16	50.48	54.00	-3.52	AVG		

VERTICAL Radiated Emission



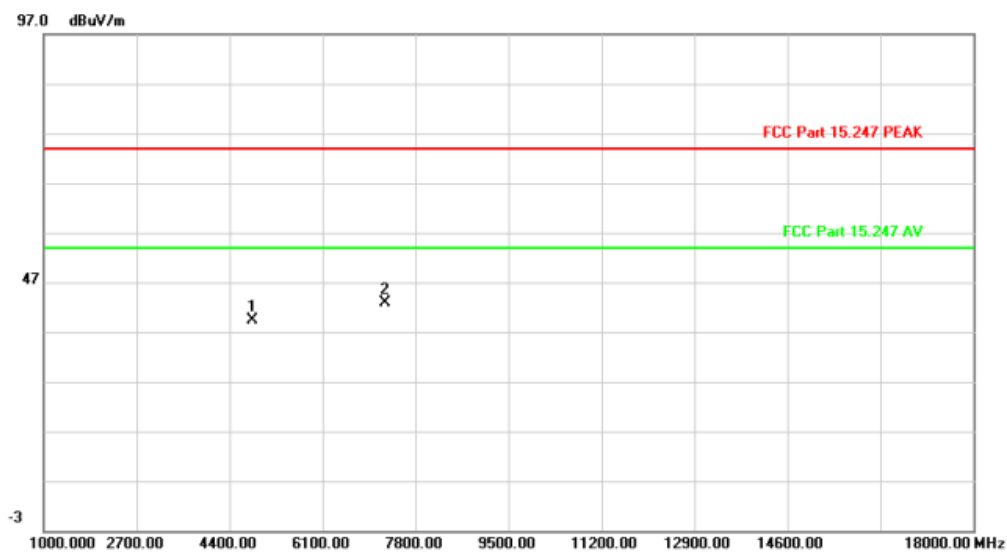
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.850	48.90	-10.02	38.88	74.00	-35.12	peak		
2 *		7236.500	47.19	-5.33	41.86	74.00	-32.14	peak		

Radiated Emission



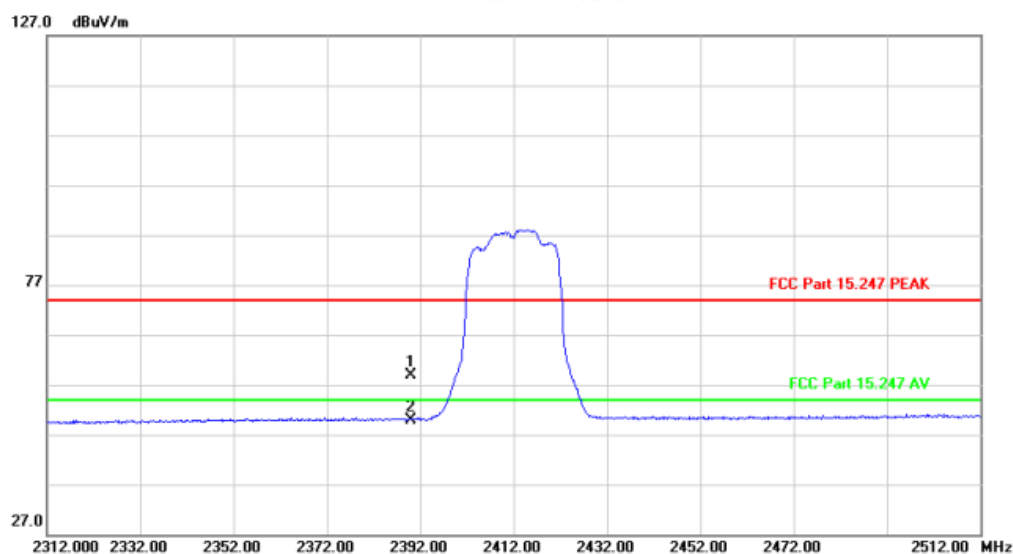
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	31.21	27.91	59.12	74.00	-14.88	peak		
2 *		2390.000	22.17	27.91	50.08	54.00	-3.92	AVG		

HORIZONTALA Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.750	49.46	-10.02	39.44	74.00	-34.56	peak		
2	*	7236.953	48.22	-5.33	42.89	74.00	-31.11	peak		

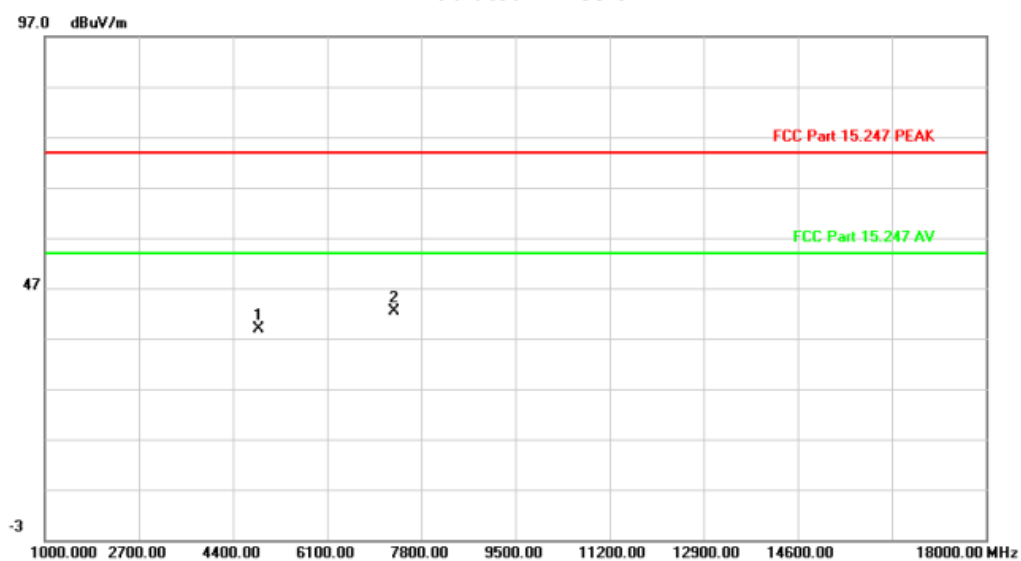
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.99	27.91	58.90	74.00	-15.10	peak		
2	*	2390.000	21.89	27.91	49.80	54.00	-4.20	AVG		

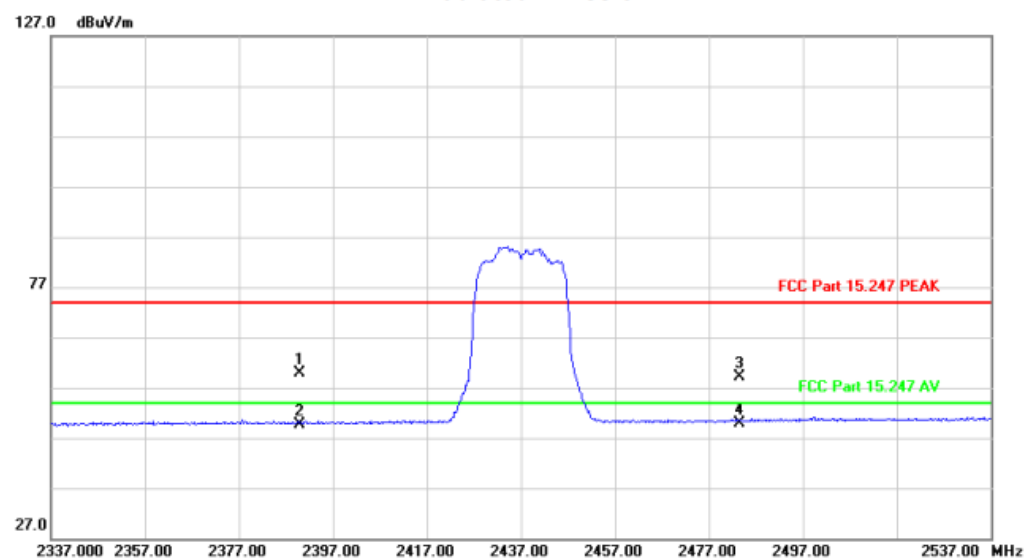
VERTICAL

Radiated Emission



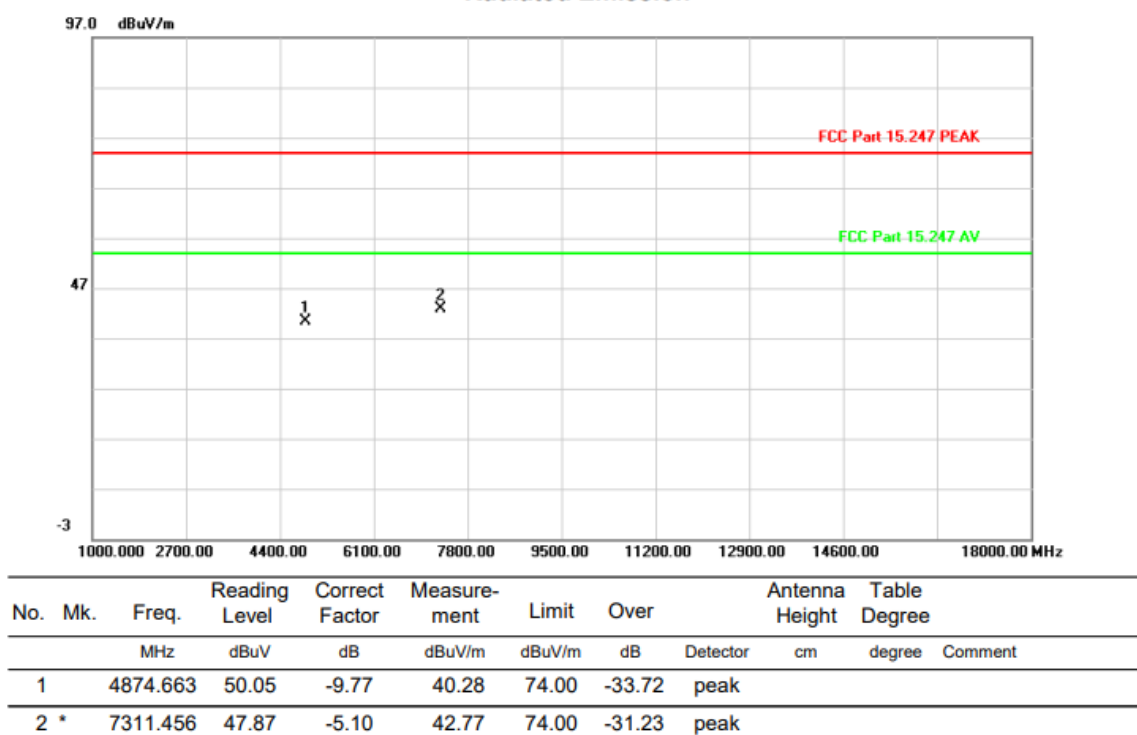
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.966	48.67	-9.77	38.90	74.00	-35.10	peak		
2 *		7313.865	47.42	-5.09	42.33	74.00	-31.67	peak		

Radiated Emission

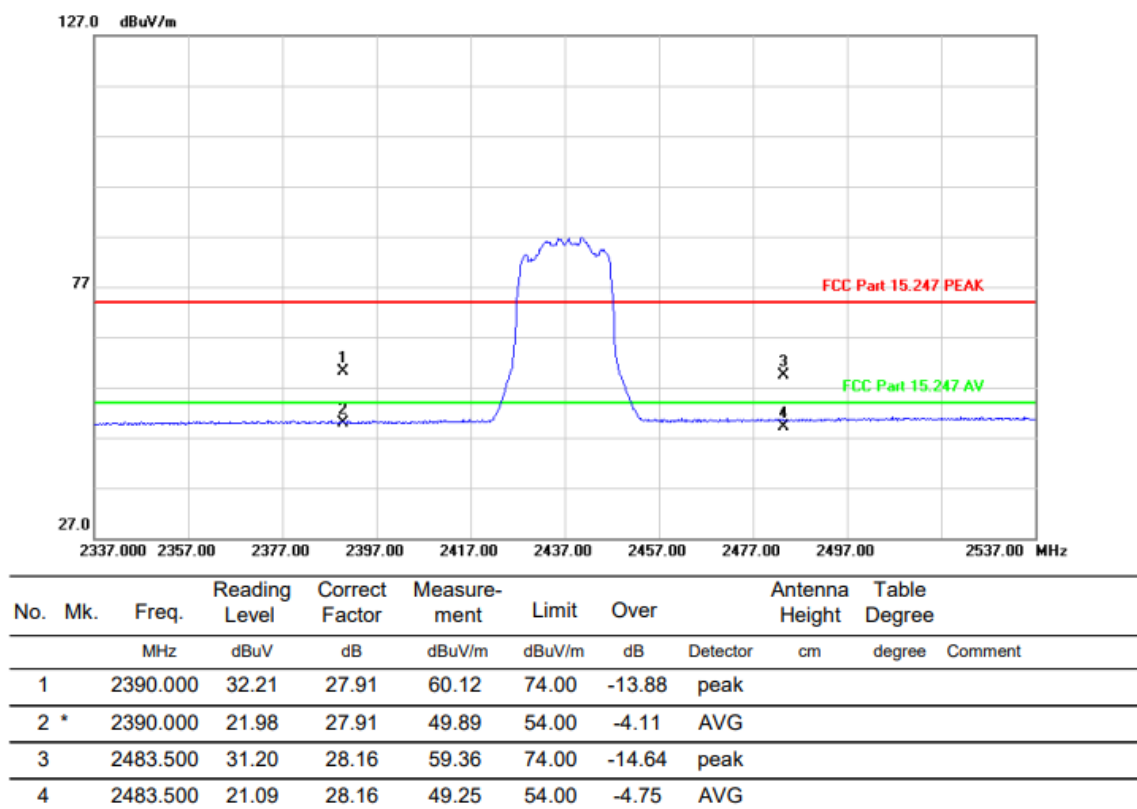


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	31.96	27.91	59.87	74.00	-14.13	peak		
2		2390.000	21.72	27.91	49.63	54.00	-4.37	AVG		
3		2483.500	31.07	28.16	59.23	74.00	-14.77	peak		
4 *		2483.500	21.82	28.16	49.98	54.00	-4.02	AVG		

HORIZONTALA Radiated Emission

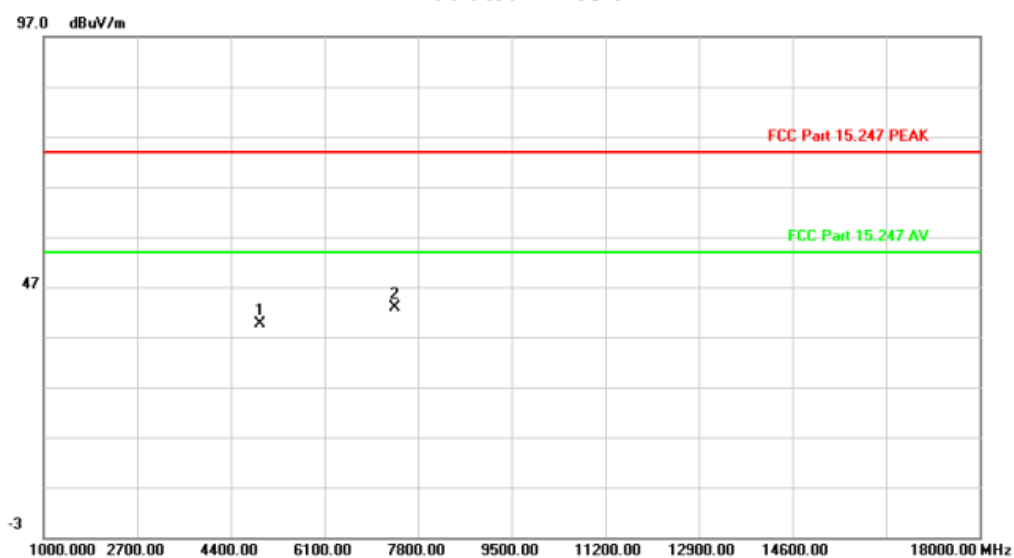


Radiated Emission



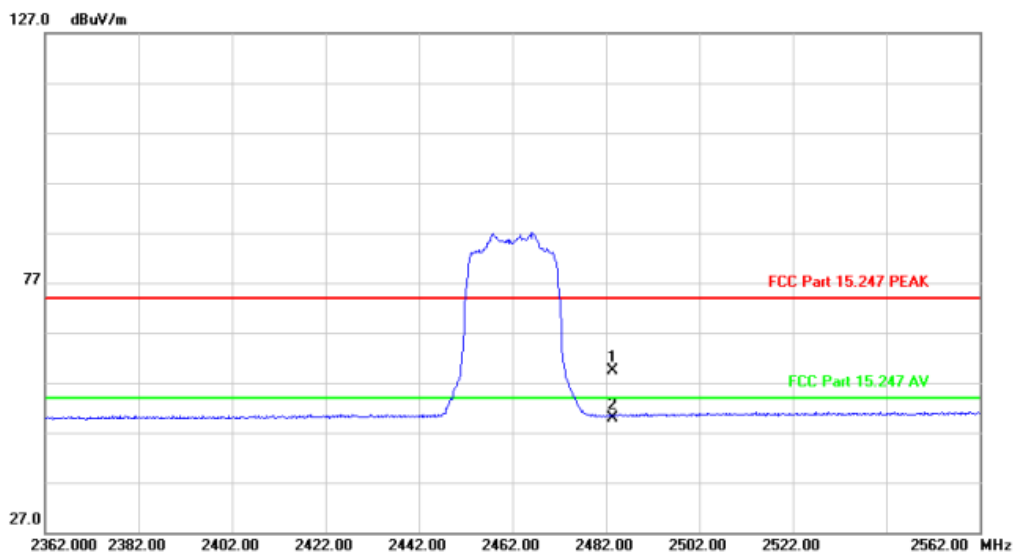
VERTICAL

Radiated Emission



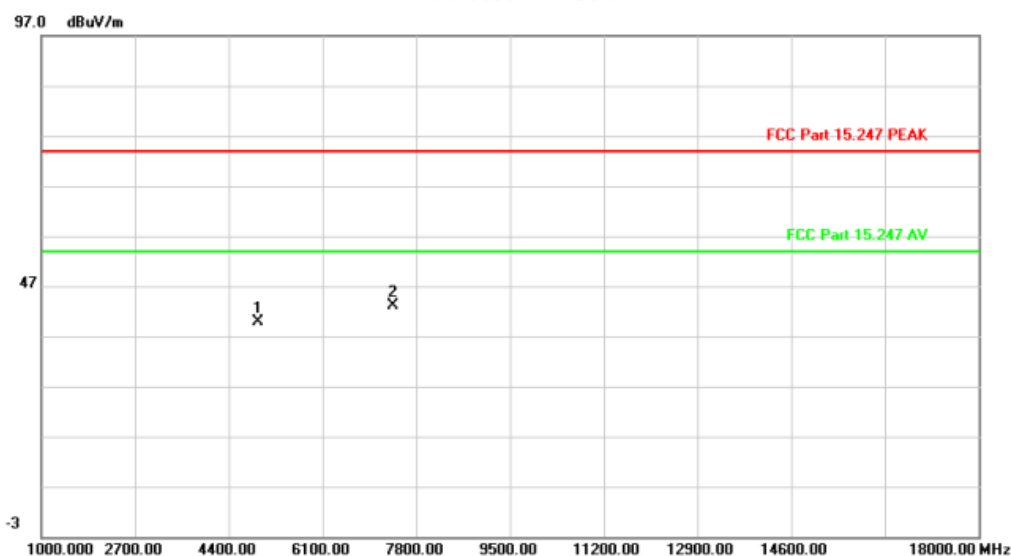
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4925.856	49.04	-9.51	39.53	74.00	-34.47	peak		
2	*	7386.850	47.67	-4.87	42.80	74.00	-31.20	peak		

Radiated Emission



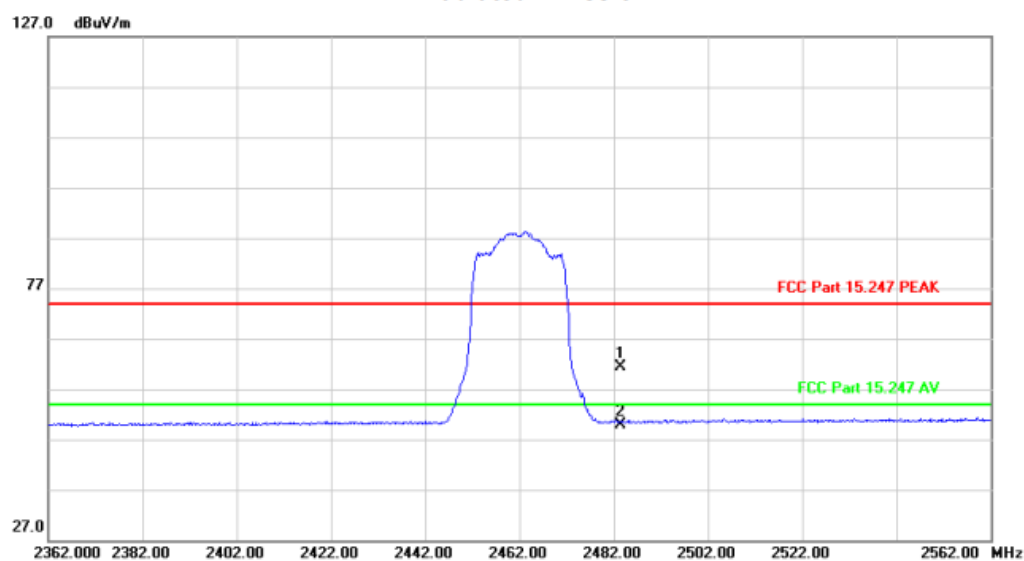
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	31.15	28.16	59.31	74.00	-14.69	peak		
2	*	2483.500	21.60	28.16	49.76	54.00	-4.24	AVG		

HORIZONTALA Radiated Emission



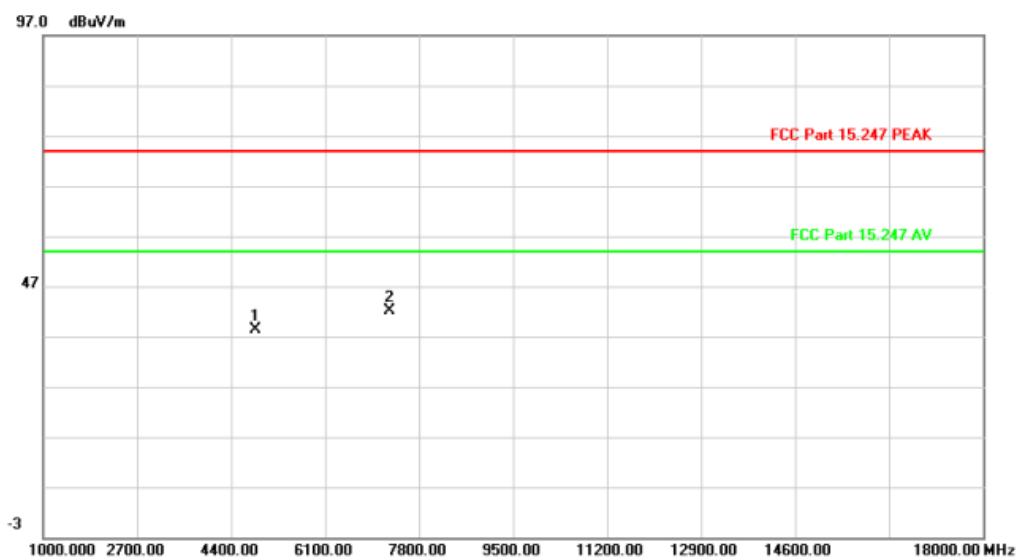
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.850	49.34	-9.52	39.82	74.00	-34.18	peak		
2	*	7386.564	47.97	-4.87	43.10	74.00	-30.90	peak		

Radiated Emission



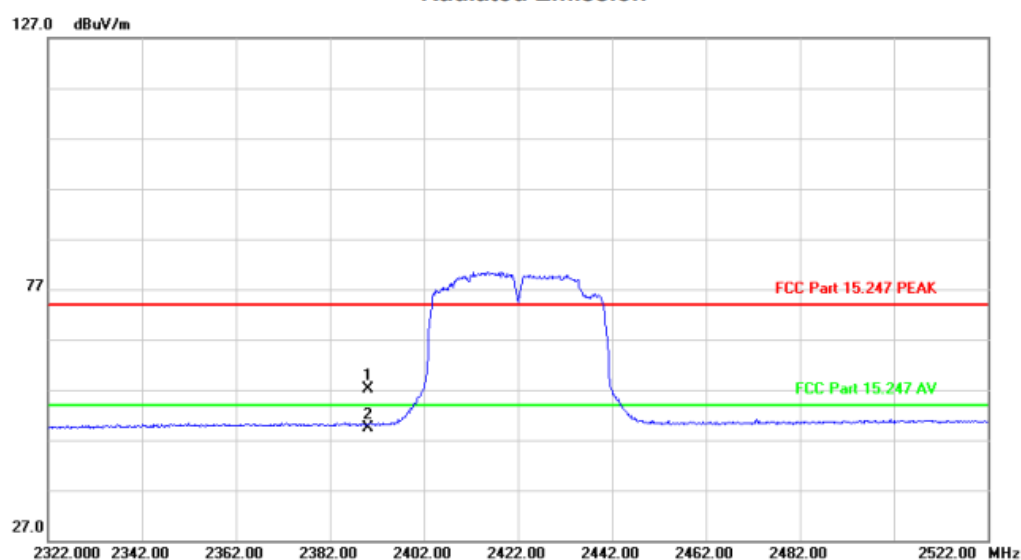
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	33.22	28.16	61.38	74.00	-12.62	peak		
2	*	2483.500	21.60	28.16	49.76	54.00	-4.24	AVG		

VERTICAL Radiated Emission



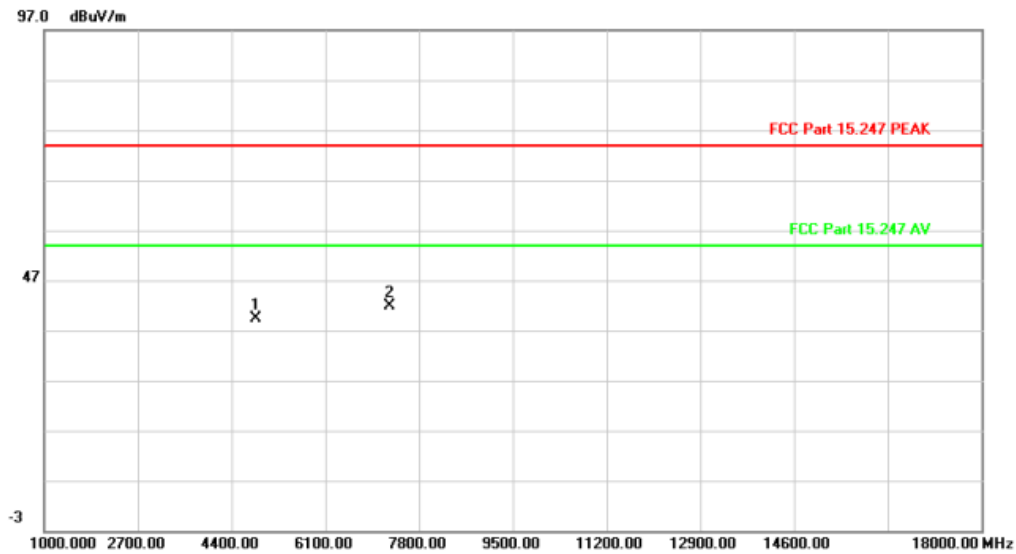
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.965	48.18	-9.92	38.26	74.00	-35.74	peak		
2 *		7267.863	47.38	-5.23	42.15	74.00	-31.85	peak		

Radiated Emission



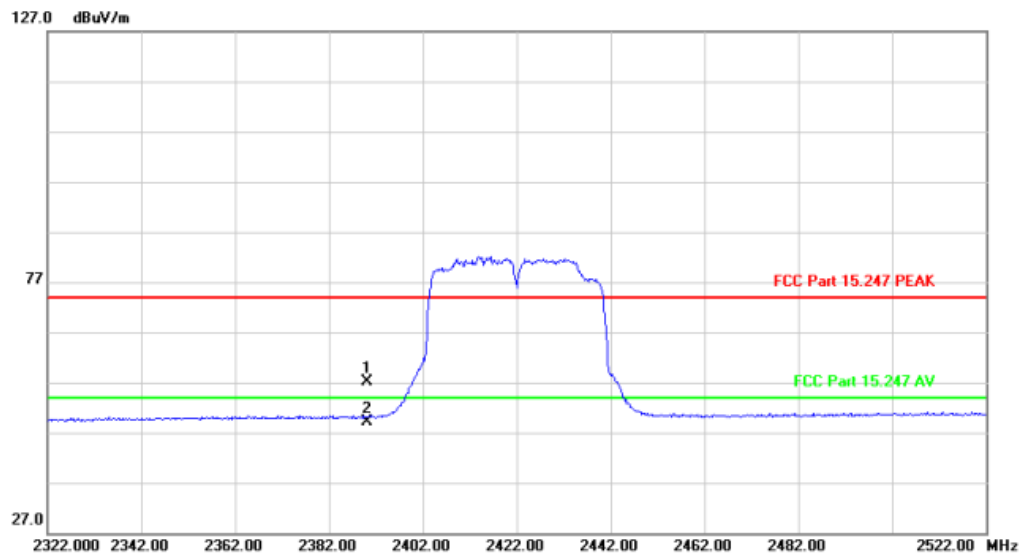
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	29.32	27.91	57.23	74.00	-16.77	peak		
2 *		2390.000	21.45	27.91	49.36	54.00	-4.64	AVG		

HORIZONTALA Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.865	49.32	-9.92	39.40	74.00	-34.60	peak		
2	*	7269.455	47.04	-5.23	41.81	74.00	-32.19	peak		

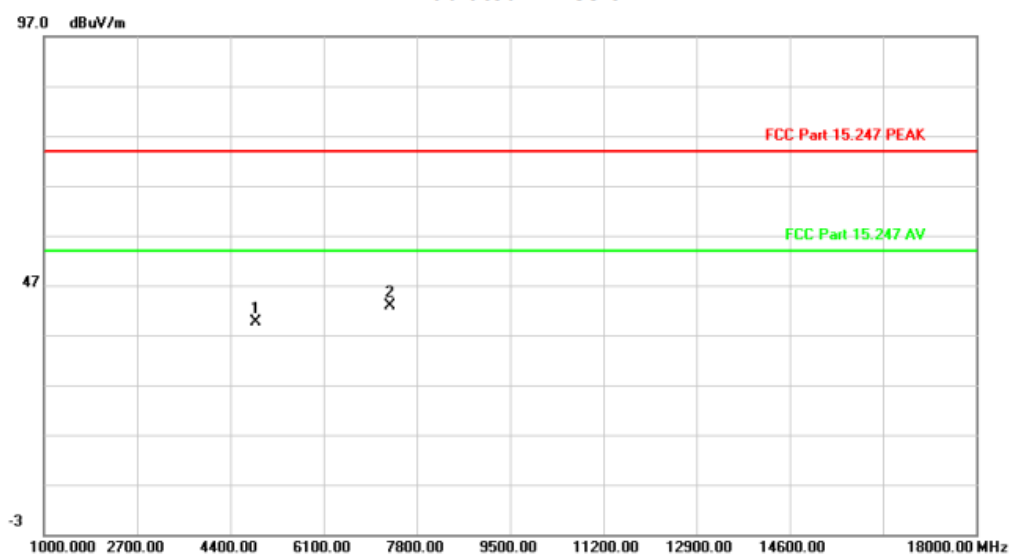
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	29.30	27.91	57.21	74.00	-16.79	peak		
2	*	2390.000	21.33	27.91	49.24	54.00	-4.76	AVG		

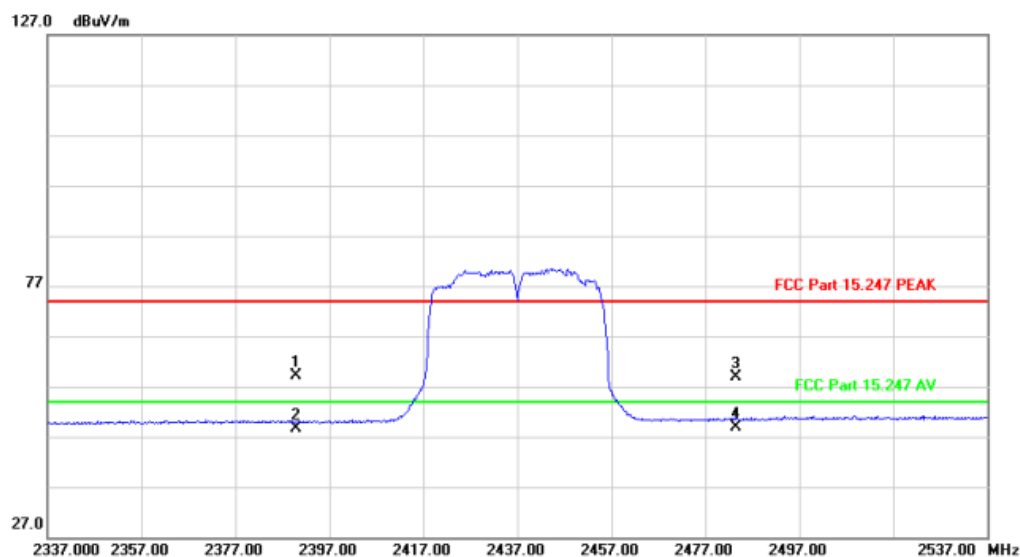
VERTICAL

Radiated Emission



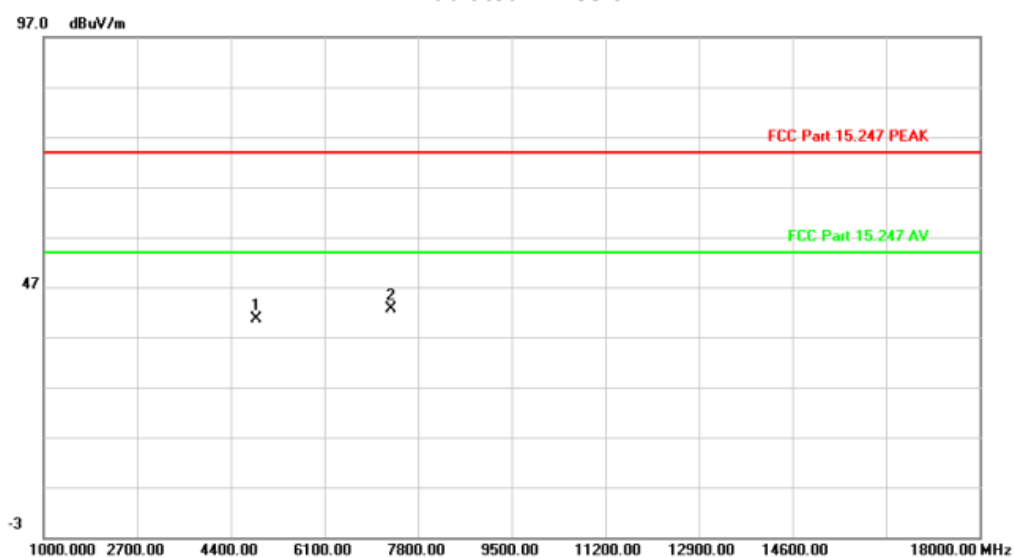
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4873.423	49.39	-9.77	39.62	74.00	-34.38	peak		
2	*	7312.446	48.08	-5.10	42.98	74.00	-31.02	peak		

Radiated Emission



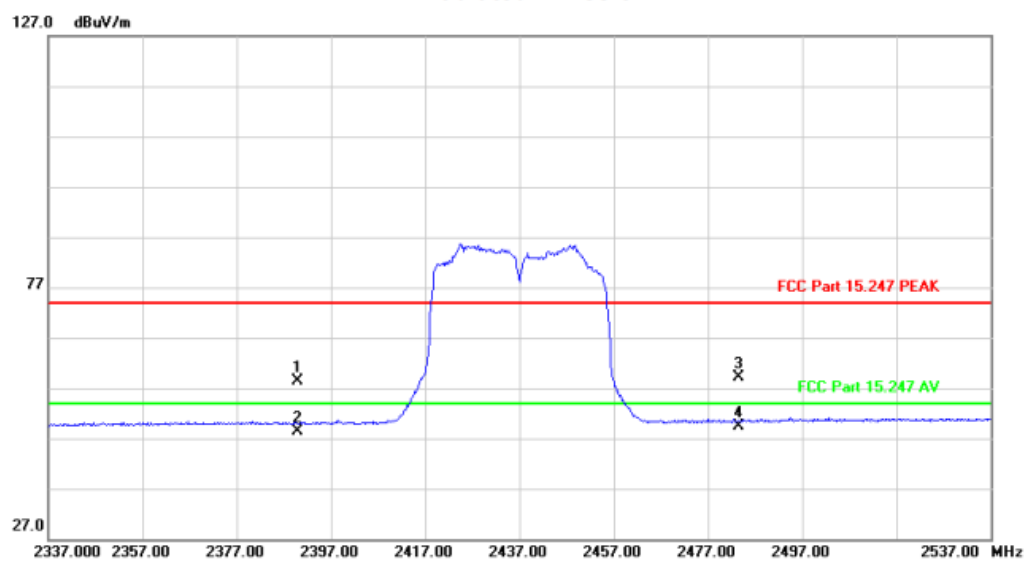
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	31.21	27.91	59.12	74.00	-14.88	peak		
2		2390.000	20.65	27.91	48.56	54.00	-5.44	AVG		
3		2483.500	30.82	28.16	58.98	74.00	-15.02	peak		
4	*	2483.500	20.71	28.16	48.87	54.00	-5.13	AVG		

HORIZONTALA Radiated Emission

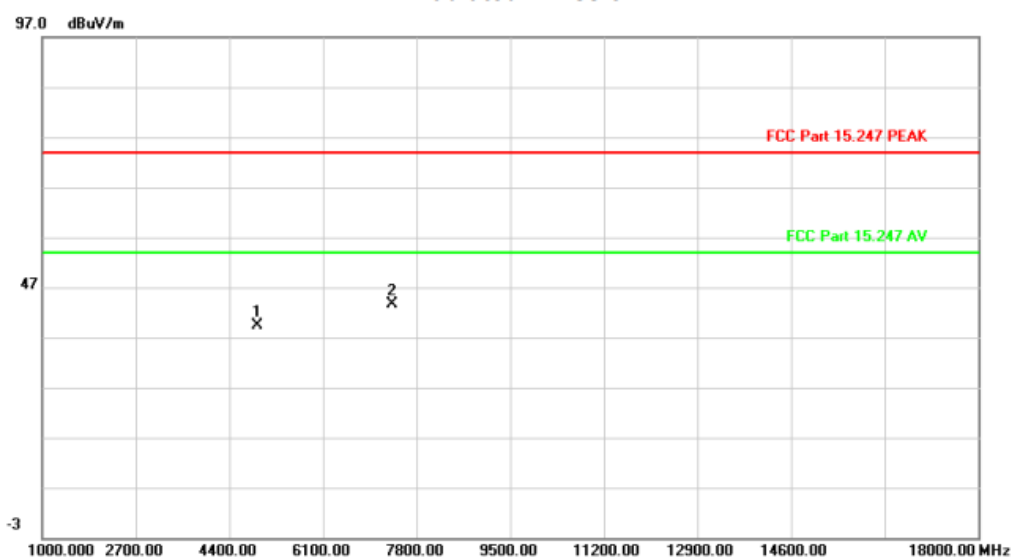


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.567	50.35	-9.77	40.58	74.00	-33.42	peak		
2	*	7313.745	47.83	-5.09	42.74	74.00	-31.26	peak		

Radiated Emission

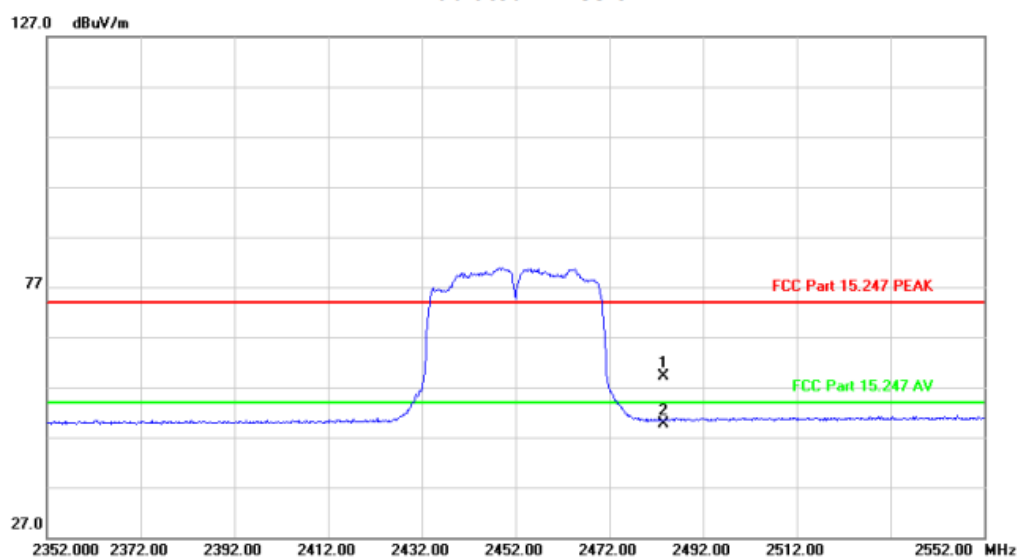


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	30.55	27.91	58.46	74.00	-15.54	peak		
2		2390.000	20.41	27.91	48.32	54.00	-5.68	AVG		
3		2483.500	30.95	28.16	59.11	74.00	-14.89	peak		
4	*	2483.500	21.15	28.16	49.31	54.00	-4.69	AVG		

VERTICAL
Radiated Emission

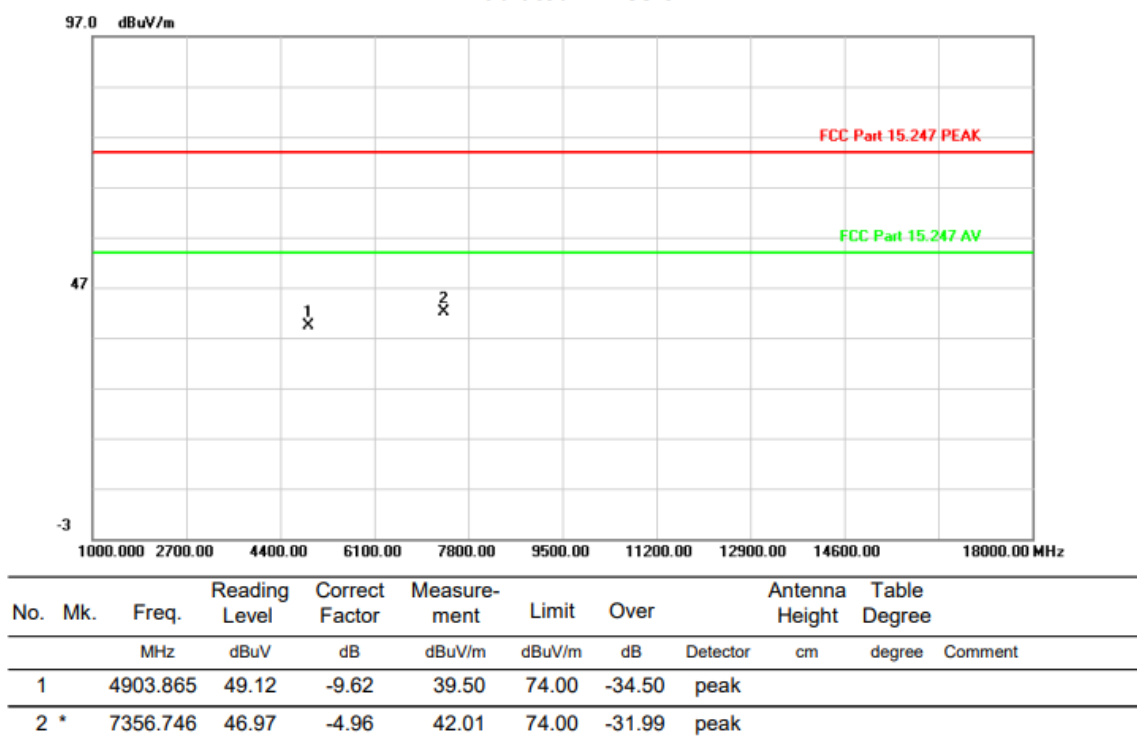
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4905.864	48.89	-9.61	39.28	74.00	-34.72	peak		
2	*	7356.855	48.49	-4.96	43.53	74.00	-30.47	peak		

Radiated Emission

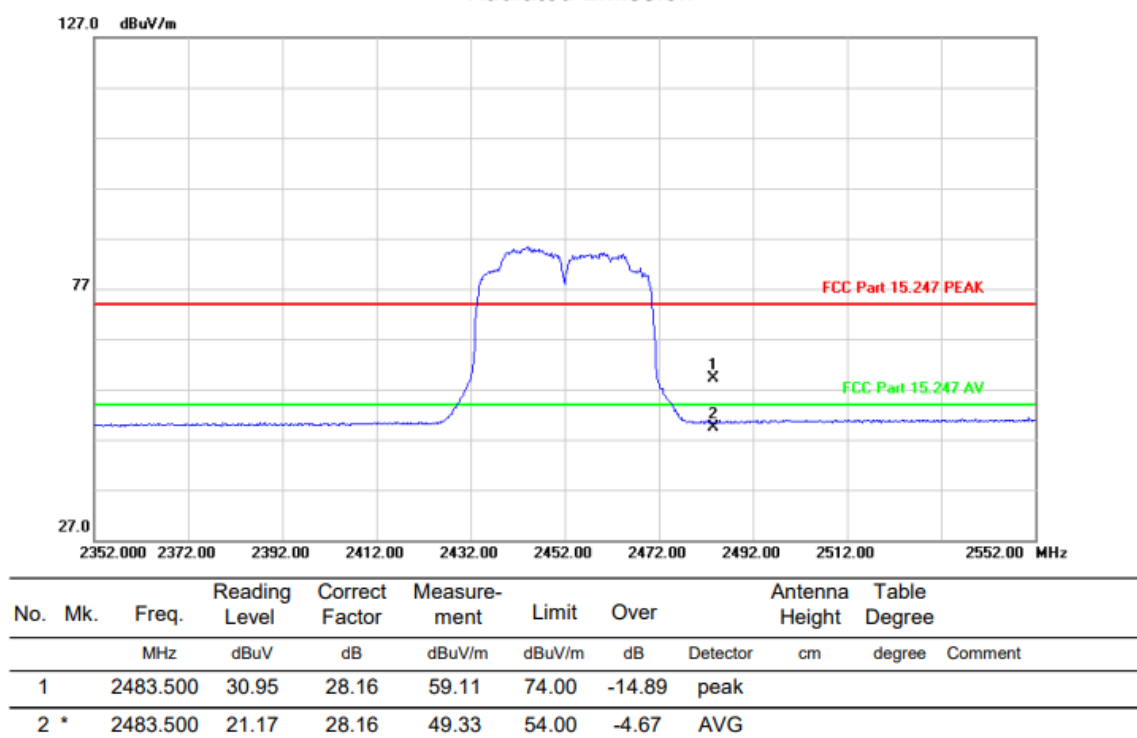


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	30.97	28.16	59.13	74.00	-14.87	peak		
2	*	2483.500	21.39	28.16	49.55	54.00	-4.45	AVG		

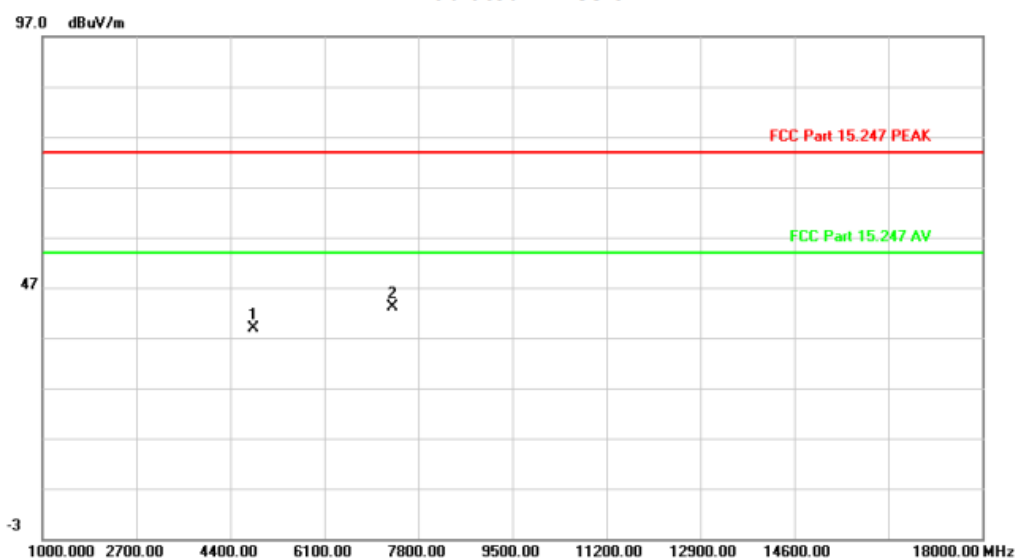
HORIZONTAL Radiated Emission



Radiated Emission

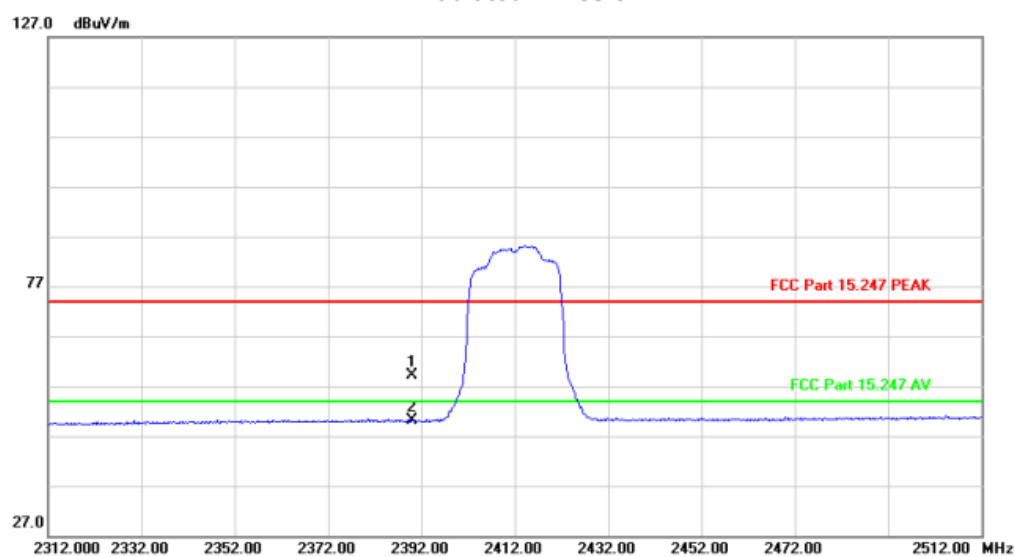


VERTICAL Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.767	48.90	-10.02	38.88	74.00	-35.12	peak		
2 *		7341.567	48.24	-5.01	43.23	74.00	-30.77	peak		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	31.25	27.91	59.16	74.00	-14.84	peak		
2 *		2390.000	22.21	27.91	50.12	54.00	-3.88	AVG		