

RF TEST REPORT

FCC ID: 2ABLK-GS2027E

Test Report No.....: RF260414004-01-004

Product(s) Name.....: GigaSpire BLAST

Model(s).....: 7u4 GS2027E

Trade Mark.....: 

Applicant.....: Calix Inc.

Address.....: 1 Santana West 3155 Olsen Drive, Suite 450, San Jose, CA 95117 United States

Receipt Date.....: 2026.04.14

Test Date.....: 2026.04.14~2026.05.07

Issued Date.....: 2026.06.12

Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
ANSI C63.10:2020

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

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History of this test report

Original Report Issue Date: 2026.06.12

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Calix Inc.

1 Santana West 3155 Olsen Drive, Suite 450, San Jose, CA 95117 United States

1.2 Manufacturer

Calix Inc.

1 Santana West 3155 Olsen Drive, Suite 450, San Jose, CA 95117 United States

1.3 Basic Description of Equipment Under Test

Sample No.	POC260414004-S003, POC260414004-S004	
Product Name	GigaSpire BLAST	
Model Name	7u4 GS2027E	
Model difference	/	
Trade Mark	Calix	
Power Supply	DC 12V from adapter	
Adapter1 Information	AMS200A-1202000FU-3 Input:100-240V~50/60Hz 0.8A Max Output:12V/2.0A	
Adapter2 Information	MS-V2000R120-024Q0-US Input:100-240V~50/60Hz 0.7A Max Output:12V/2.0A	
Operating Temperature	0°C-45°C	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11BE40: 28.80dBm(0.759W)
	5725MHz ~5850MHz	802.11BE20: 29.07dBm(0.807W)
Product Type	IEEE 802.11a/n/ac/ax/be: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz	
Modulation	OFDM, OFDMA	
Antenna gain	Ant0: 4.3dBi, Ant1: 3.4dBi	
Directional gain (No beamforming)	6.5dBi(from the antenna report)	
Directional gain (Beamforming)	6.5dBi(from the antenna report)	
Antenna type	PCB Antenna	
Data Rate (Mbps)	IEEE 802.11a mode : 6/9/12/18/24/36/48/54 IEEE 802.11n mode : up to 300 IEEE 802.11ac mode : up to 1733.33 IEEE 802.11ax mode : up to 2401.96 IEEE 802.11be mode : up to 4323.53	

Type of Device	Master device (Indoor AP for 5150MHz~5250MHz)
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Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac /ax /be (20MHz)	5180-5240	36-48
5725-5850		5745-5825	149-165
5150-5250	802.11n /ac /ax /be (40MHz)	5190-5230	38-46
5725-5850		5755-5795	151-159
5150-5250	802.11ac /ax /be (80MHz)	5210	42
5725-5850		5775	155

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
☒ 802.11a	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11n(20MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11n(40MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ac(20MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ac(40MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ac(80MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ax(20MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ax(40MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11ax(80MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11be(20MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11be(40MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
☒ 802.11be(80MHz)	Operating mode	☐	1TX	☐	2TX	☒ 2TX	☐ 4TX		
Beamforming gain: 6.5dB									

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Test item	Standard	Results	Remarks
AC Power Conducted Emission	15.207 15.407(b)	Pass	Meet the requirement of the limit
Radiated Emission	15.205(a) 15.209(a) 15.407(b)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note
Spectrum Bandwidth	15.407(a) 15.407(e)	Pass	Meet the requirement of the limit
Conducted Output Power	15.407(a)	Pass	Meet the requirement of the limit
Power Spectral Density	15.407(a)	Pass	Meet the requirement of the limit
Dynamic Frequency Selection (DFS)	15.407(h)	NA	NA
Note: The EUT has 2 PCB antennas arrangement which was permanently attached.			

Note:

- (1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX BE20 Mode Channel 157 is found to be the worst case and recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~18GHz and 18GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (4) For radiated emission, pre-scan beamforming mode and non-beamforming mode, worst case for non-beamforming mode is recorded.
- (5) For 802.11be mode support full RU/MRU mode.
- (6) Due to similar modulation. The power settings of HT20/HT40,VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80, EHT20/EHT40/EHT80. Evaluated HEW20/HEW40/HEW80, EHT20/EHT40/EHT80 mode only.

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

ANSI C63.10:2020

2.3 Test Instruments

Radiated Emission							
No.	Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2026/2/27	2027/2/26
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2028/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2026/2/27	2027/2/26
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2026/2/27	2027/2/26
5	Horn Antenna	Schwarzbeck	BBHA 9120 D	02670	JLE028	2025/4/12	2028/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2026/4/8	2027/4/7
7	Horn Antenna	Schwarzbeck	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	Schwarzbeck	FMZB1519B	00029	JLE030	2024/7/15	2027/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2026/2/27	2027/2/26
10	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
Conducted Emission							
1	LISN	Rohde&Schwarz	ENV216	100075	JLE002	2026/2/27	2027/2/26
2	ISN	Schwarzbeck	CATE 5 8158	#171	JLE003	2026/2/27	2027/2/26
3	ISN	Schwarzbeck	CAT 3 8158	00187	JLE032	2026/2/27	2027/2/26
4	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2026/2/27	2027/2/26
5	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2026/2/27	2027/2/26
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE020	2026/4/8	2027/4/7
7	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
RF Conducted Emissions							
1	MXA Signal Analyzer	Keysight	N9010A	MY51440158	JLE087	2025/9/15	2026/9/14
2	MXA Signal	Agilent	N9020A	MY522200	JLE090	2026/1/19	2027/1/18

	Analyzer			22			
3	RF Control Unit	dsusoft	JS0806-2	21G8060449	JLE053	2026/2/27	2027/2/26
4	power supply unit	dsusoft	JS0806-4ADC	N/A	JLE055	2026/2/27	2027/2/26
5	VXG Signal Generator	Keysight	M9384B	MY61270787	JLE051	2025/6/10	2026/6/9
6	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2026/2/27	2027/2/26
7	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002 K50-11606 4-Dt	JLE054	2026/2/27	2027/2/26
8	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				

Operation Mode

The EUT was supplied by and it was run in TX mode that was controlled by Master provided RF testing program. The worst case test result was showed in the report.

2.4 Test Condition

Test Item	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	23.2°C, 49% RH	AC 120V/60Hz	Keith Huang
Radiated Emission	23.1°C, 51% RH	AC 120V/60Hz	Keith Huang
Spectrum Bandwidth	23.6°C, 53% RH	DC 12V	Lemon He
Conducted Power	23.6°C, 53% RH	DC 12V	Lemon He
Power Spectral Density	23.6°C, 53% RH	DC 12V	Lemon He

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

The applicant declares the operating environment of EUT as below:

Normal conditions: 12V DC, 0~45°C

2.5 Duty Cycle of Test Signal

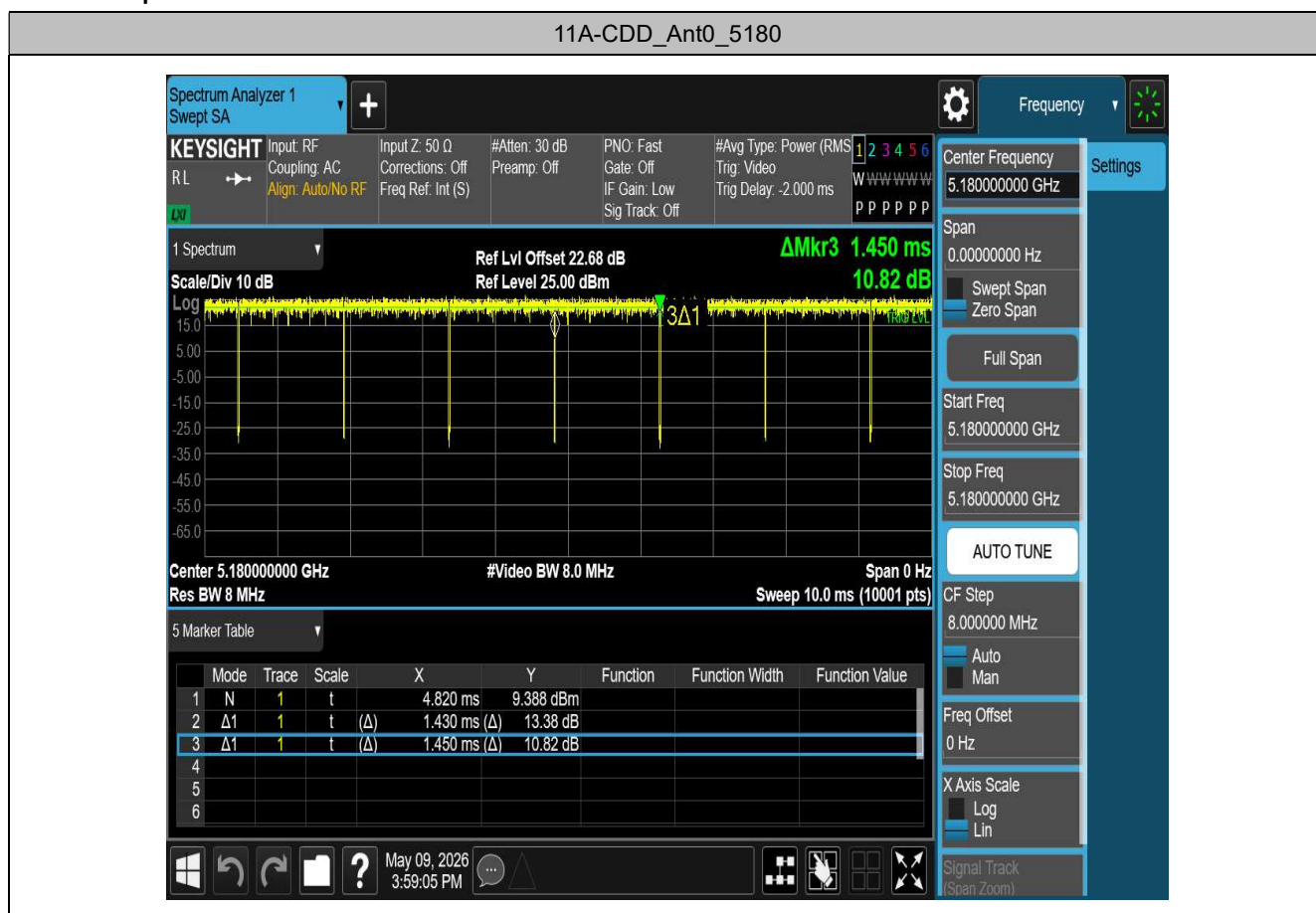
If duty cycle is $\geq 98\%$, duty factor is not required.

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

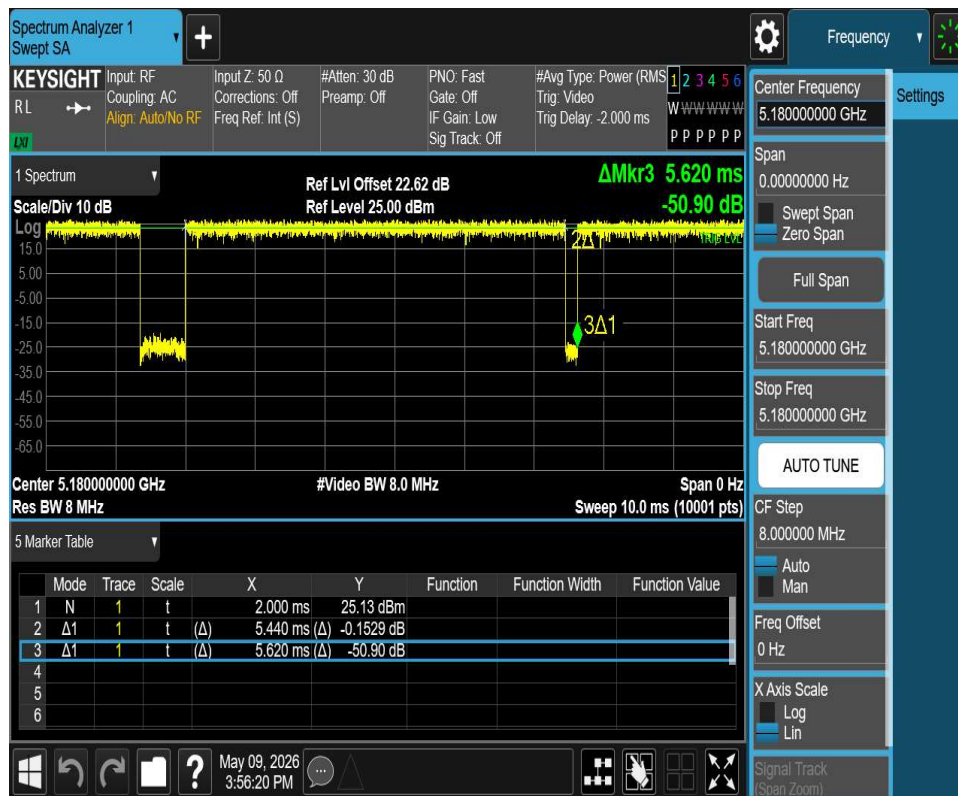
All the duty factor of other test mode 240 has been considered.

Test Mode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	5180	1.43	1.45	98.62
11AX20MIMO	5180	5.44	5.62	96.80
11AX40MIMO	5190	5.45	5.46	99.82
11AX80MIMO	5210	5.44	5.46	99.63
11BE20MIMO	5180	5.45	5.52	98.73
11BE40MIMO	5190	5.46	5.47	99.82
11BE80MIMO	5210	5.45	5.47	99.63

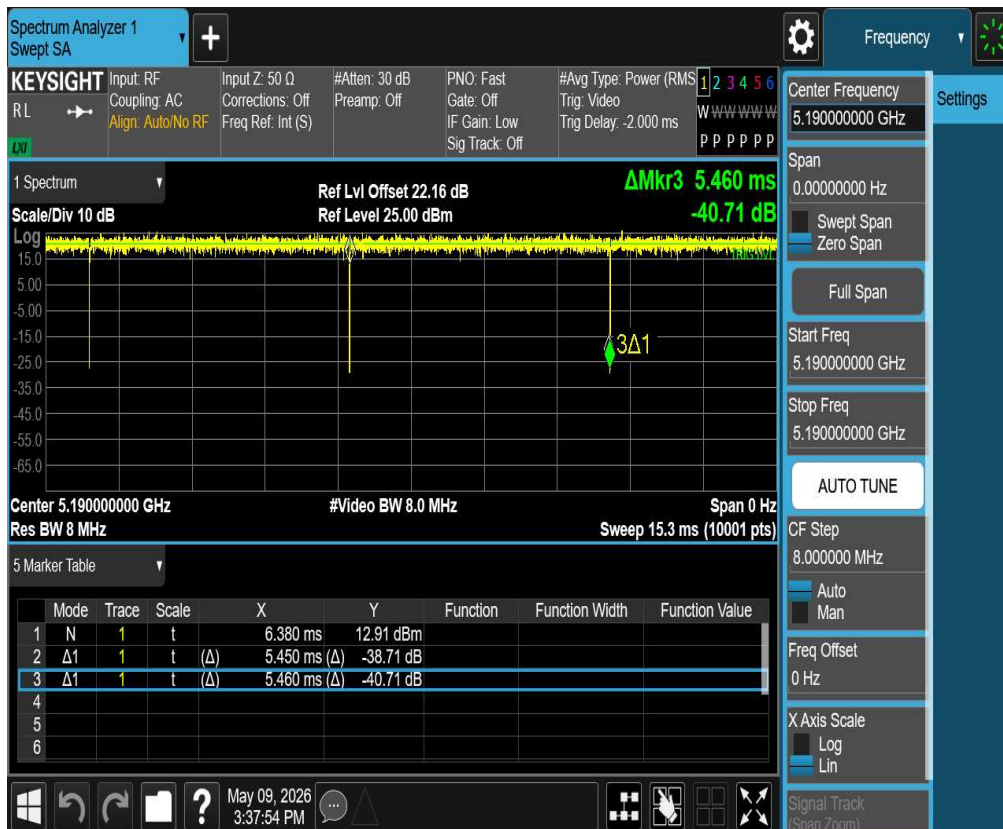
Test Graphs



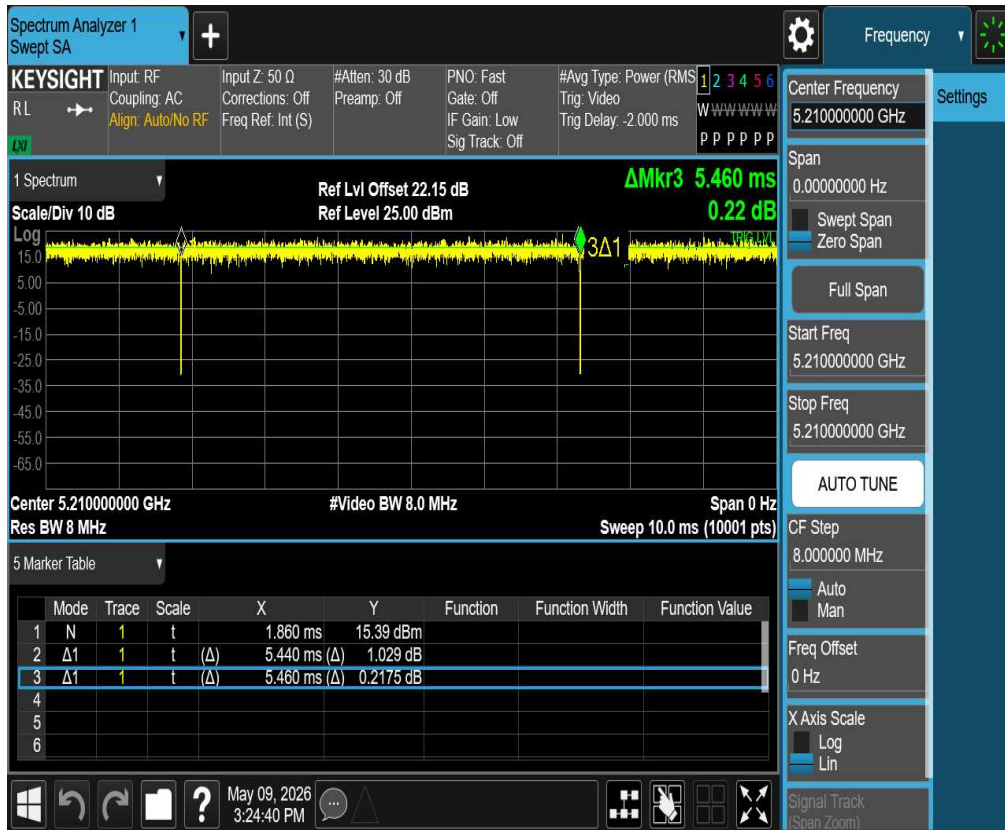
11AX20MIMO_Ant0_5180



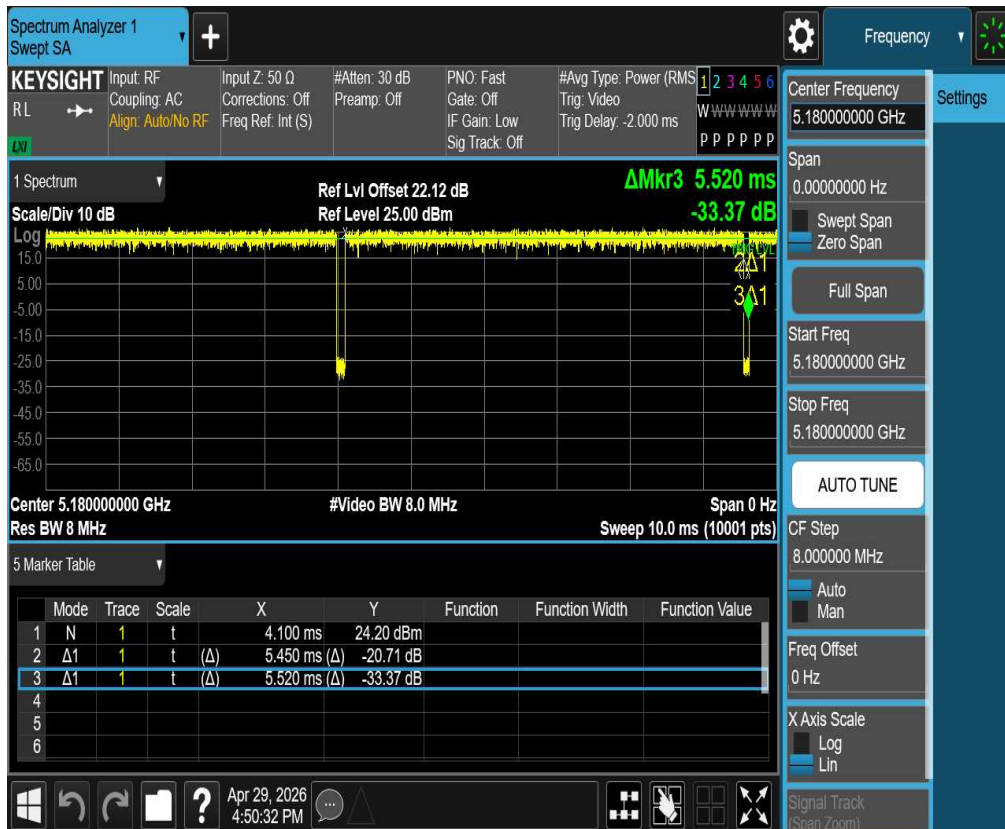
11AX40MIMO_Ant0_5190



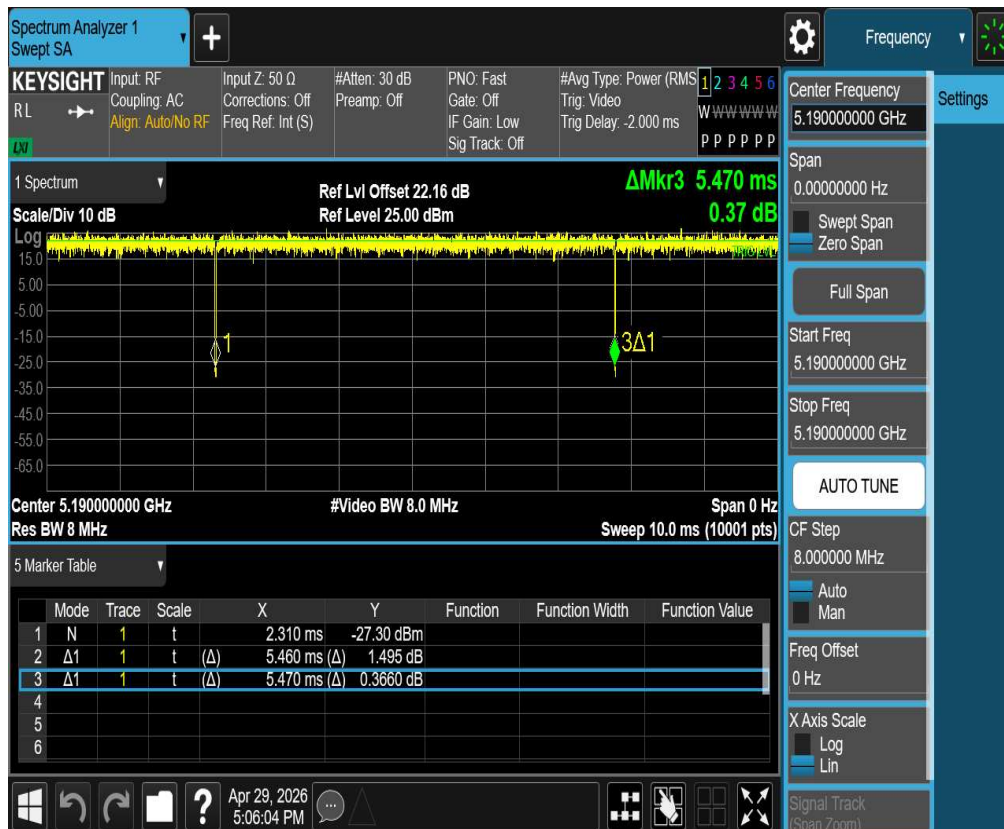
11AX80MIMO_Ant0_5210



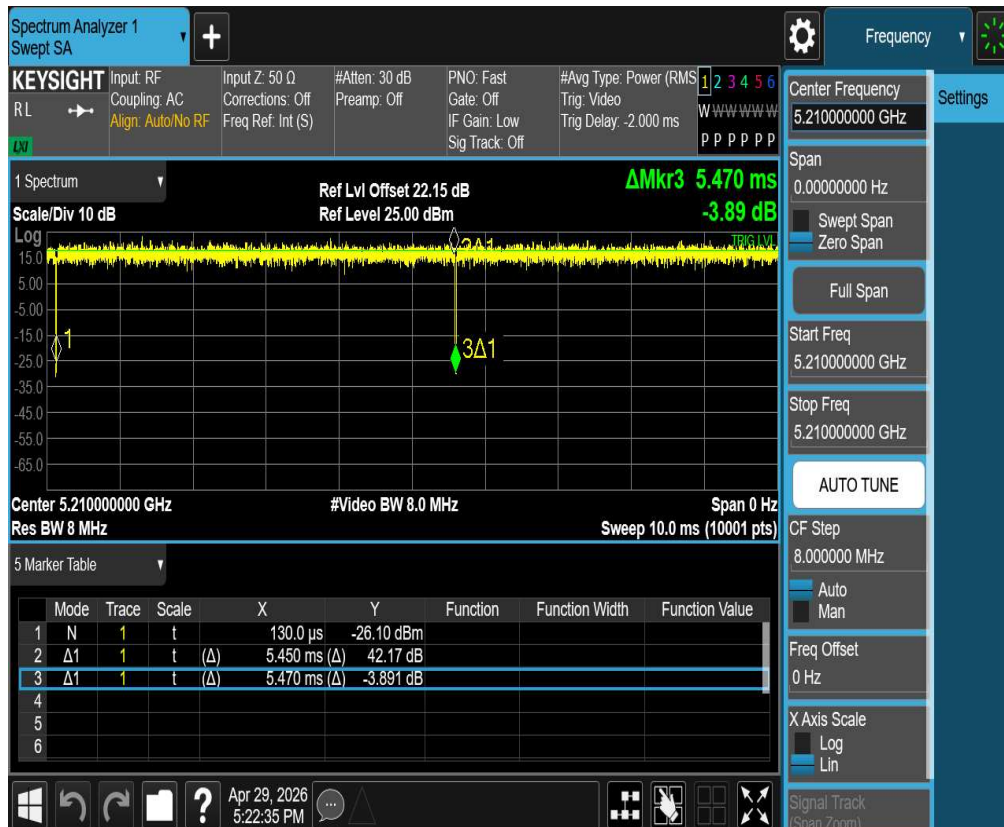
11BE20MIMO_Ant0_5180



11BE40MIMO_Ant0_5190



11BE80MIMO_Ant0_5210



2.6 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	±102kHz
RF power conducted	±0.243dB
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
Conducted emission(9kHz~30MHz) AC main	±2.68dB
Radiated emission(9kHz~30MHz)	±3.50dB
Radiated emission (30MHz~1GHz)	±4.20dB
Radiated emission (1GHz~18GHz)	±5.10dB
Radiated emission (18GHz~40GHz)	±5.26dB

2.7 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

2.8 SUPPORT UNITS

None

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.

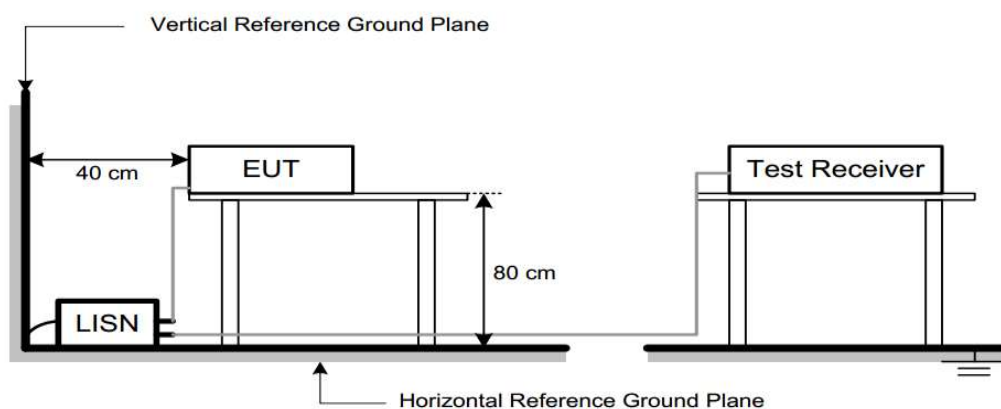
2. The lower limit shall apply at the transition frequencies.

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

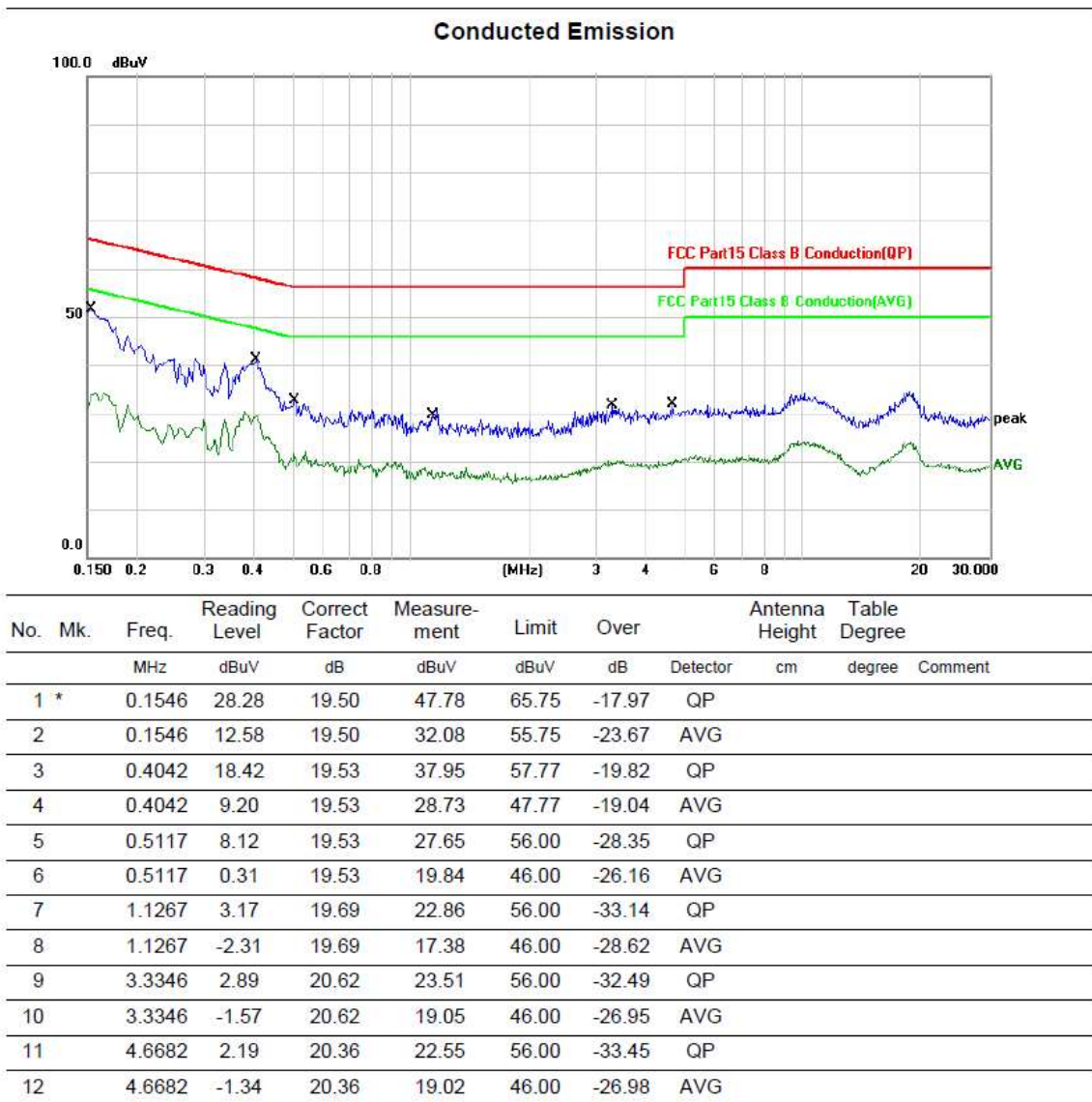
Note:

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
4. The TX BE20MIMO Mode Channel 157 is found to be the worst case and recorded.

MS-V2000R120-024Q0-US

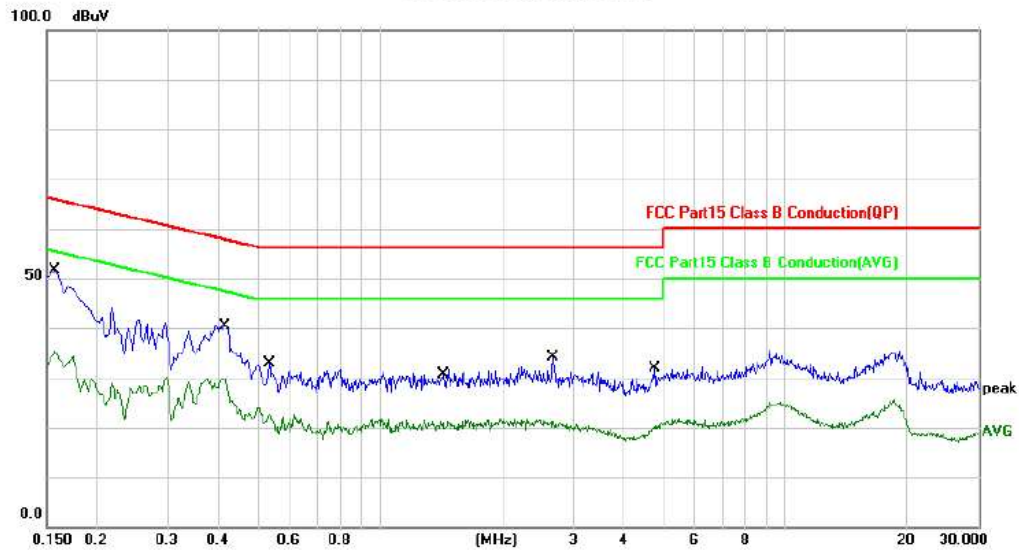
150kHz~30MHz	TX BE20MIMO Channel 157
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Line



Neutral

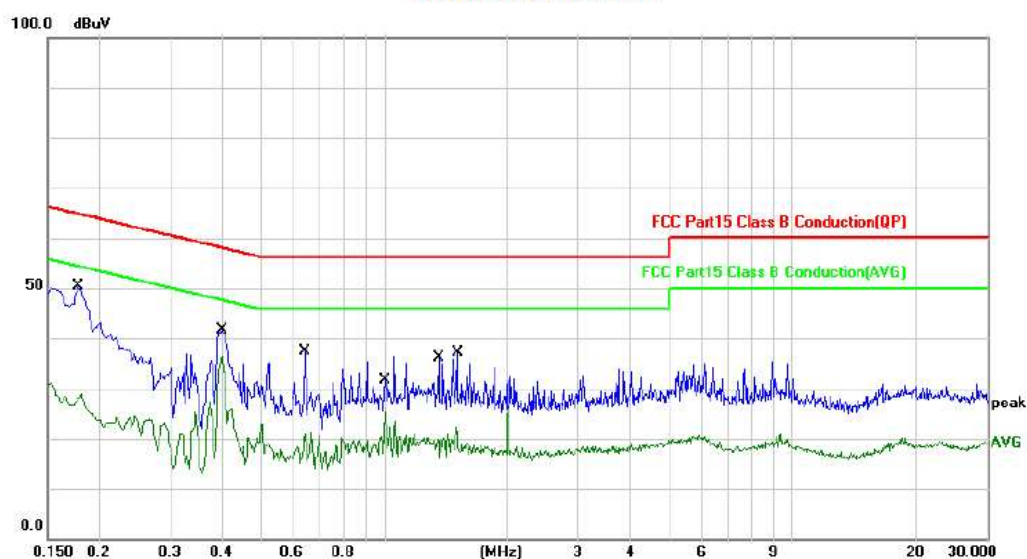
Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		0.1556	28.00	19.70	47.70	65.70	-18.00	QP		
2		0.1556	13.49	19.70	33.19	55.70	-22.51	AVG		
3		0.4125	18.10	19.72	37.82	57.60	-19.78	QP		
4 *		0.4125	10.09	19.72	29.81	47.60	-17.79	AVG		
5		0.5383	8.46	19.75	28.21	56.00	-27.79	QP		
6		0.5383	2.58	19.75	22.33	46.00	-23.67	AVG		
7		1.4355	5.72	20.03	25.75	56.00	-30.25	QP		
8		1.4355	0.47	20.03	20.50	46.00	-25.50	AVG		
9		2.6661	4.51	20.48	24.99	56.00	-31.01	QP		
10		2.6661	-0.37	20.48	20.11	46.00	-25.89	AVG		
11		4.7935	2.60	20.37	22.97	56.00	-33.03	QP		
12		4.7935	-0.91	20.37	19.46	46.00	-26.54	AVG		

Line

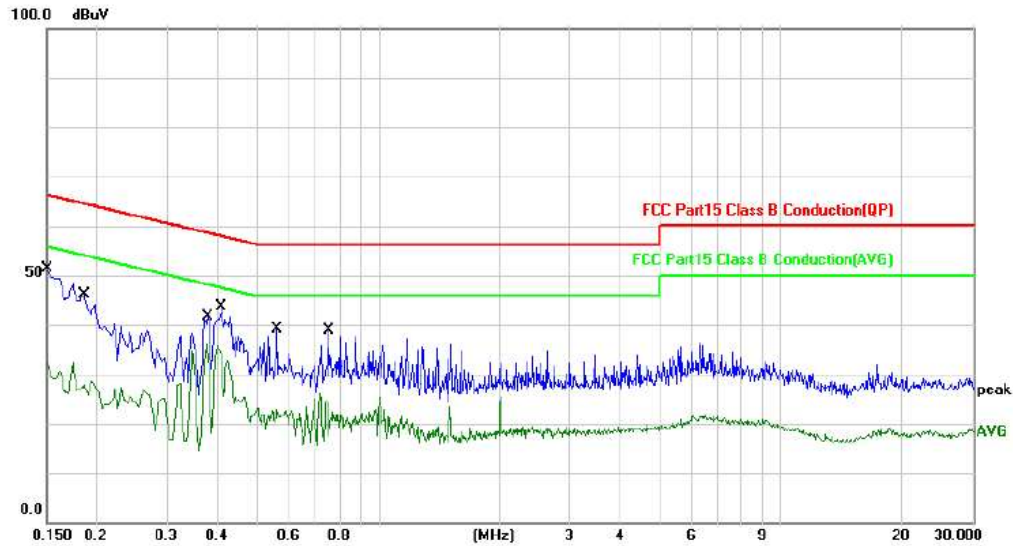
Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		0.1806	19.48	19.53	39.01	64.46	-25.45	QP		
2		0.1806	3.71	19.53	23.24	54.46	-31.22	AVG		
3		0.4000	20.41	19.53	39.94	57.85	-17.91	QP		
4 *		0.4000	16.17	19.53	35.70	47.85	-12.15	AVG		
5		0.6393	5.46	19.55	25.01	56.00	-30.99	QP		
6		0.6393	0.58	19.55	20.13	46.00	-25.87	AVG		
7		1.0120	7.24	19.66	26.90	56.00	-29.10	QP		
8		1.0120	2.22	19.66	21.88	46.00	-24.12	AVG		
9		1.3563	5.16	19.76	24.92	56.00	-31.08	QP		
10		1.3563	-0.28	19.76	19.48	46.00	-26.52	AVG		
11		1.5144	5.25	19.82	25.07	56.00	-30.93	QP		
12		1.5144	-0.65	19.82	19.17	46.00	-26.83	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		0.1520	26.76	19.70	46.46	65.89	-19.43	QP		
2		0.1520	9.11	19.70	28.81	55.89	-27.08	AVG		
3		0.1838	22.67	19.70	42.37	64.31	-21.94	QP		
4		0.1838	6.62	19.70	26.32	54.31	-27.99	AVG		
5		0.3790	20.07	19.71	39.78	58.30	-18.52	QP		
6 *		0.3790	10.90	19.71	30.61	48.30	-17.69	AVG		
7		0.4088	19.38	19.72	39.10	57.67	-18.57	QP		
8		0.4088	9.34	19.72	29.06	47.67	-18.61	AVG		
9		0.5690	8.56	19.75	28.31	56.00	-27.69	QP		
10		0.5690	2.00	19.75	21.75	46.00	-24.25	AVG		
11		0.7536	9.91	19.80	29.71	56.00	-26.29	QP		
12		0.7536	1.89	19.80	21.69	46.00	-24.31	AVG		

3.2 Radiated Emission

3.2.1 Limit

1) Limit of radiated emission measurement:

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	$2400/\text{F}(\text{kHz})$	-
0.490 – 1.705	30	$24000/\text{F}(\text{kHz})$	-
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 $\text{dB}\mu\text{V} = 20 \log$ 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.

2) Limit of unwanted emission out of the restricted bands:

Frequency(MHz)	EIRP Limit(dBm/MHz)	Equivalent Field Strength at 3m($\text{dB}\mu\text{V/m}$)
5150-5250	-27	68.2
5250-5350	-27	68.2
5470-5725	-27	68.2
5725-5850	-27 NOTE (2)	68.2
	10 NOTE (2)	105.2
	15.6 NOTE (2)	110.8
	27 NOTE (2)	122.2

Note: (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d=3\text{m}$

(2) According to 15.407(b)(4)(i), all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

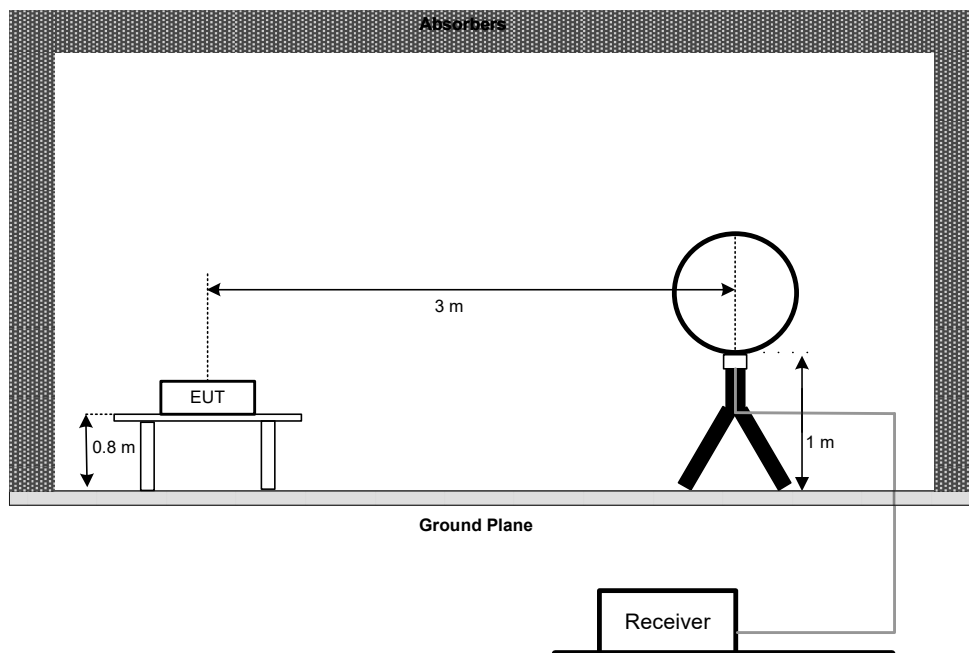
3.2.2 Test Procedure

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	

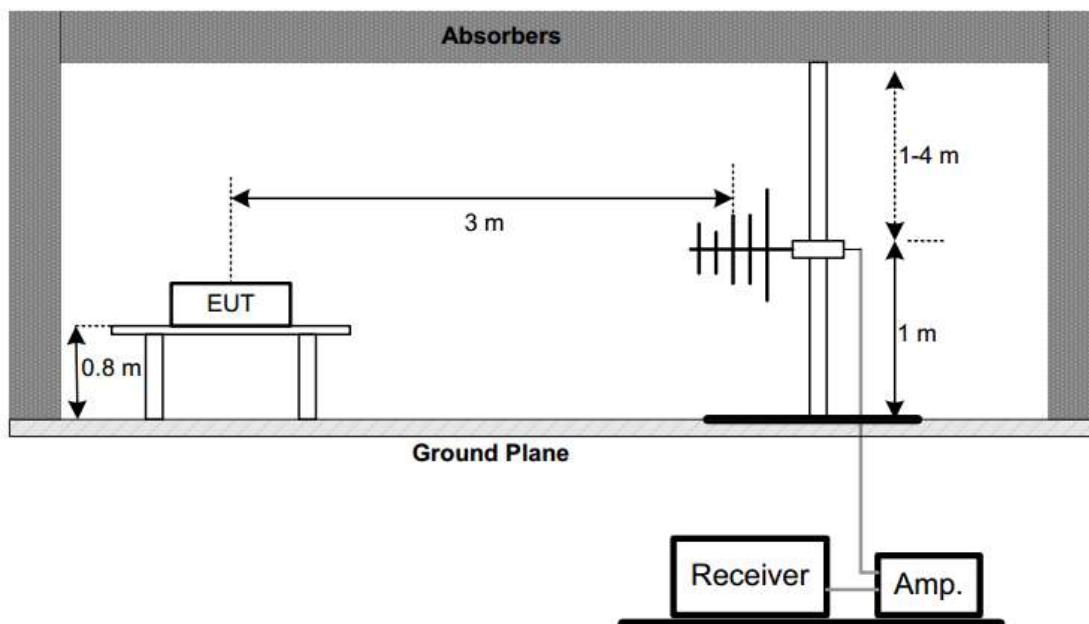
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance 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)
- c) 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 detects 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

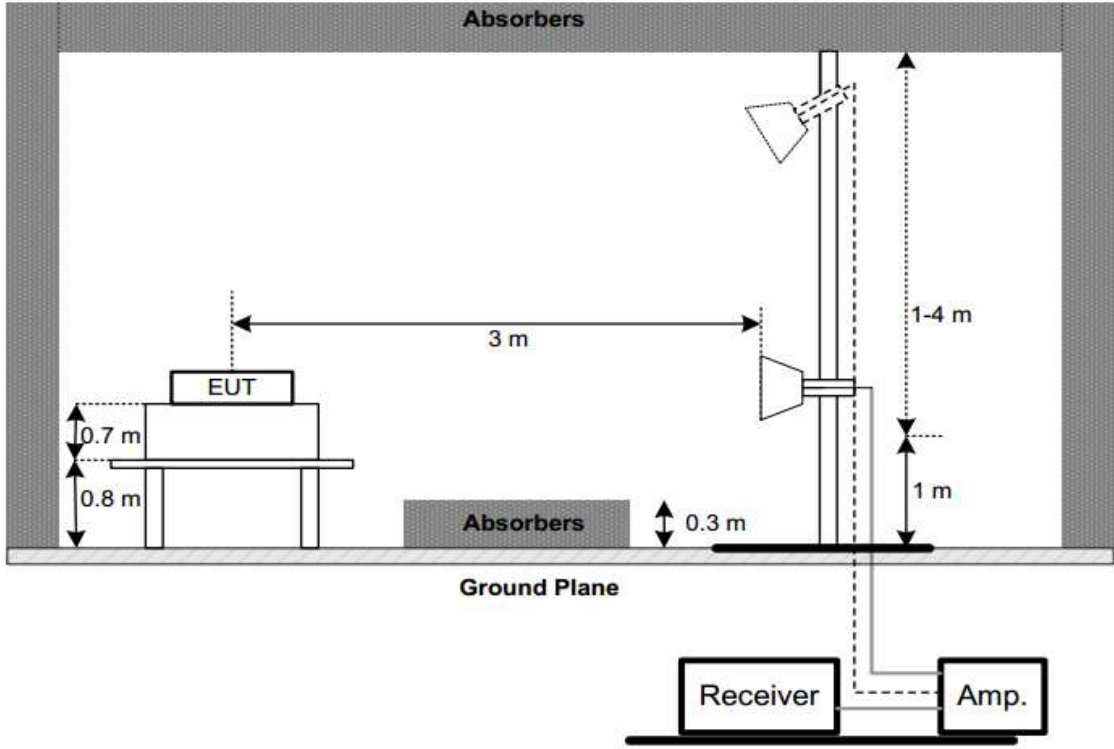
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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.

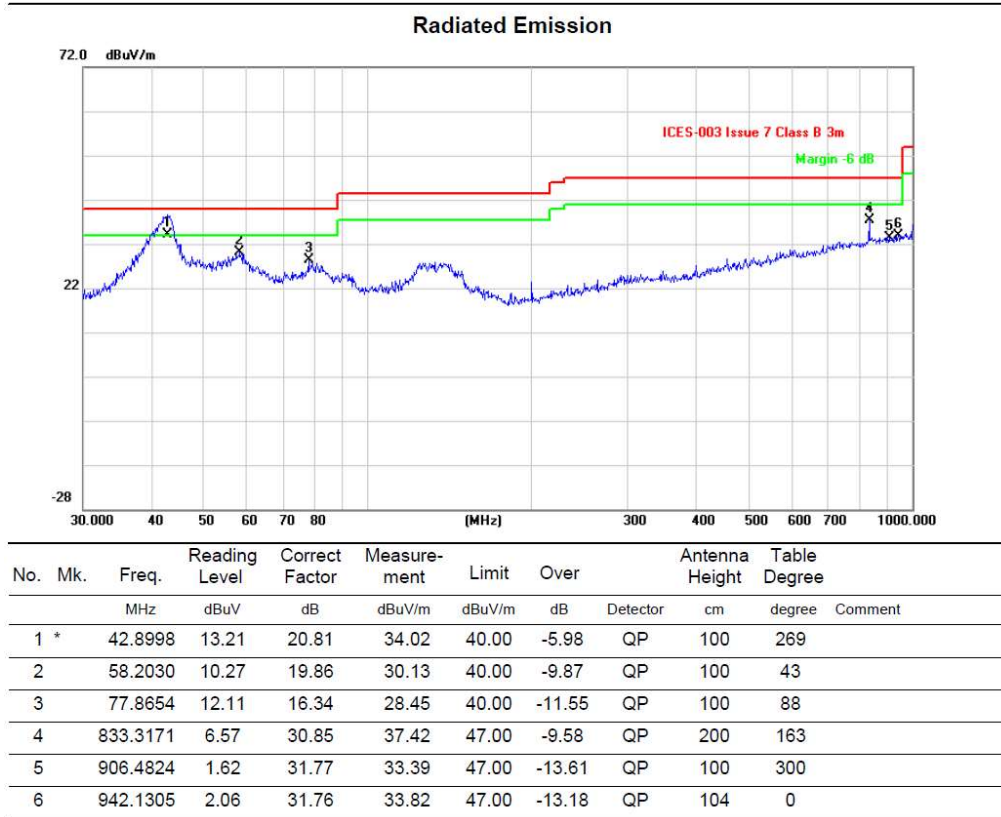
2) Radiated emission: 30MHz-1GHz

Note:

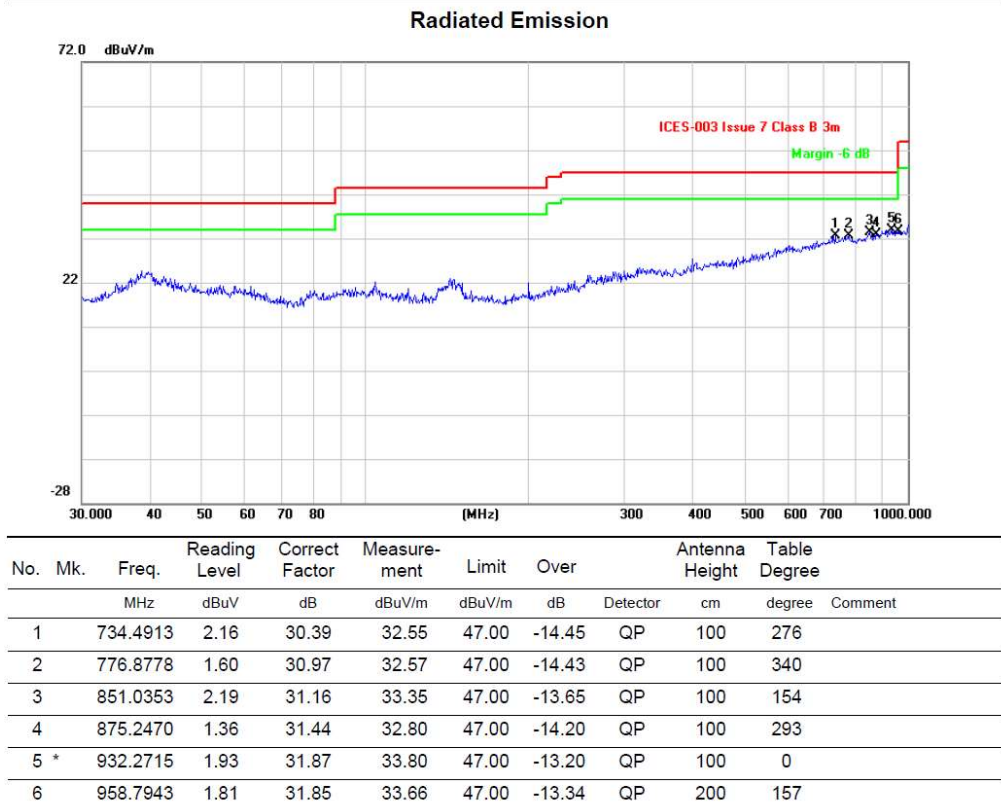
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX BE20MIMO Channel 157 is found to be the worst case and recorded.

MS-V2000R120-024Q0-US

Test Mode	TX BE20 Mode Channel 157	Polarization	Vertical
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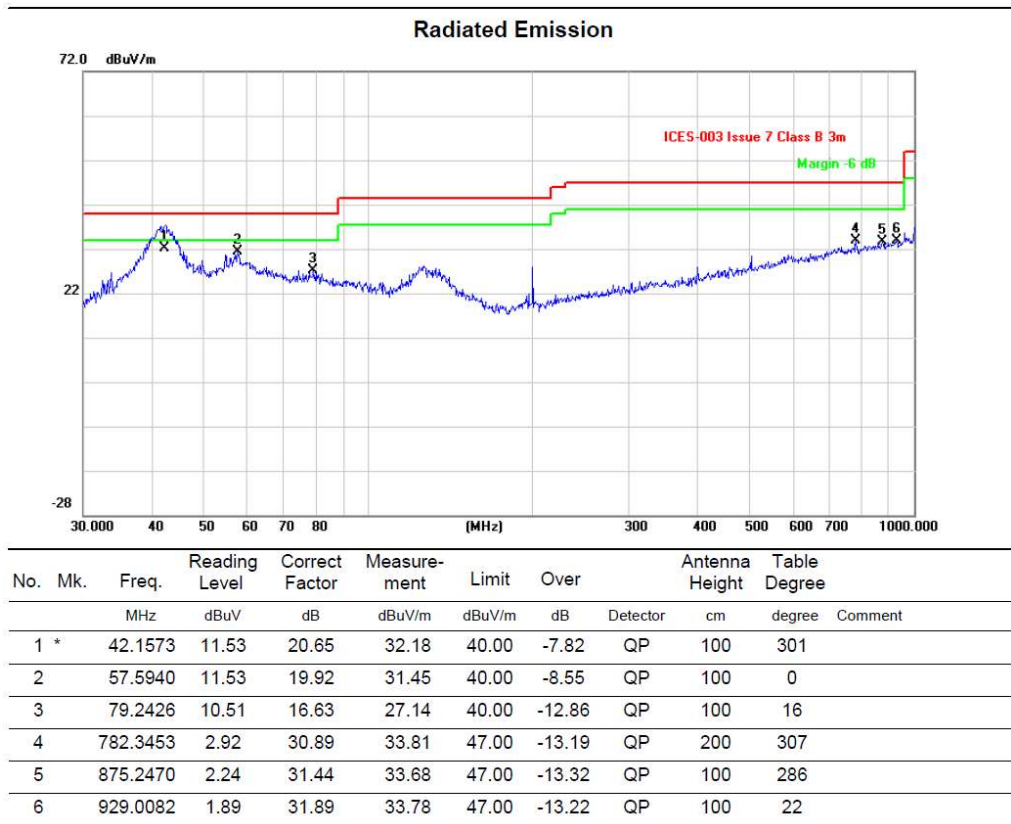


Test Mode	TX BE20 Mode Channel 157	Polarization	Horizontal
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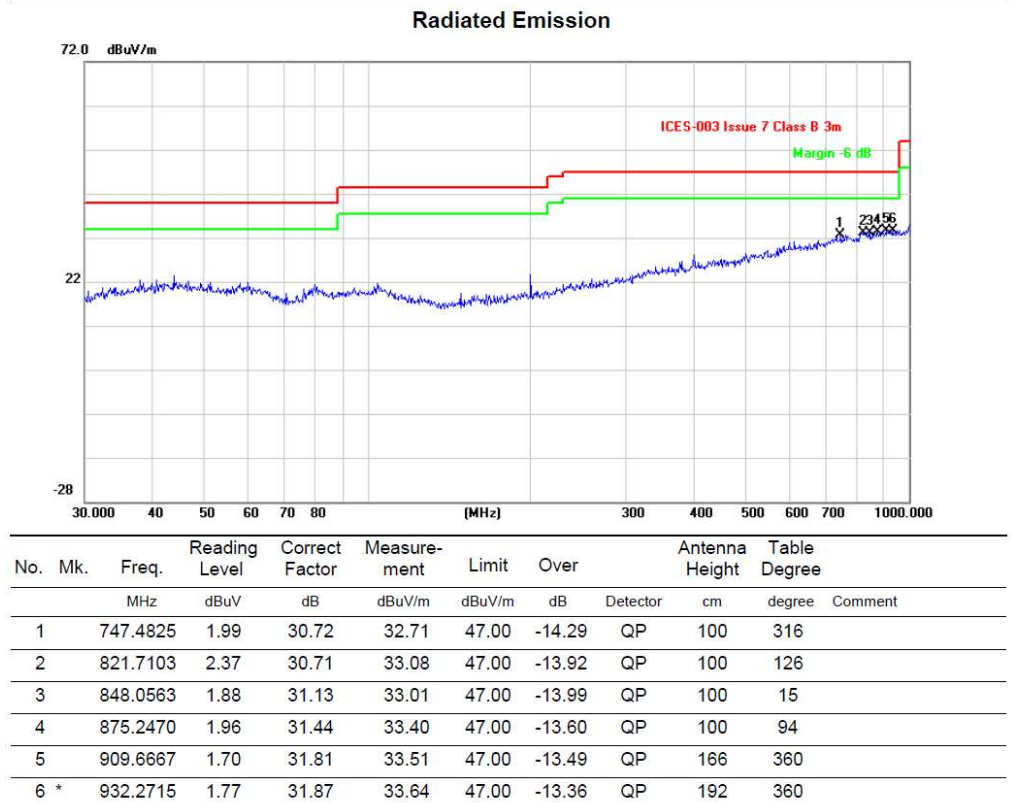


AMS200A-1202000FU-3

Test Mode	TX BE20 Mode Channel 157	Polarization	Vertical
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Test Mode	TX BE20 Mode Channel 157	Polarization	Horizontal
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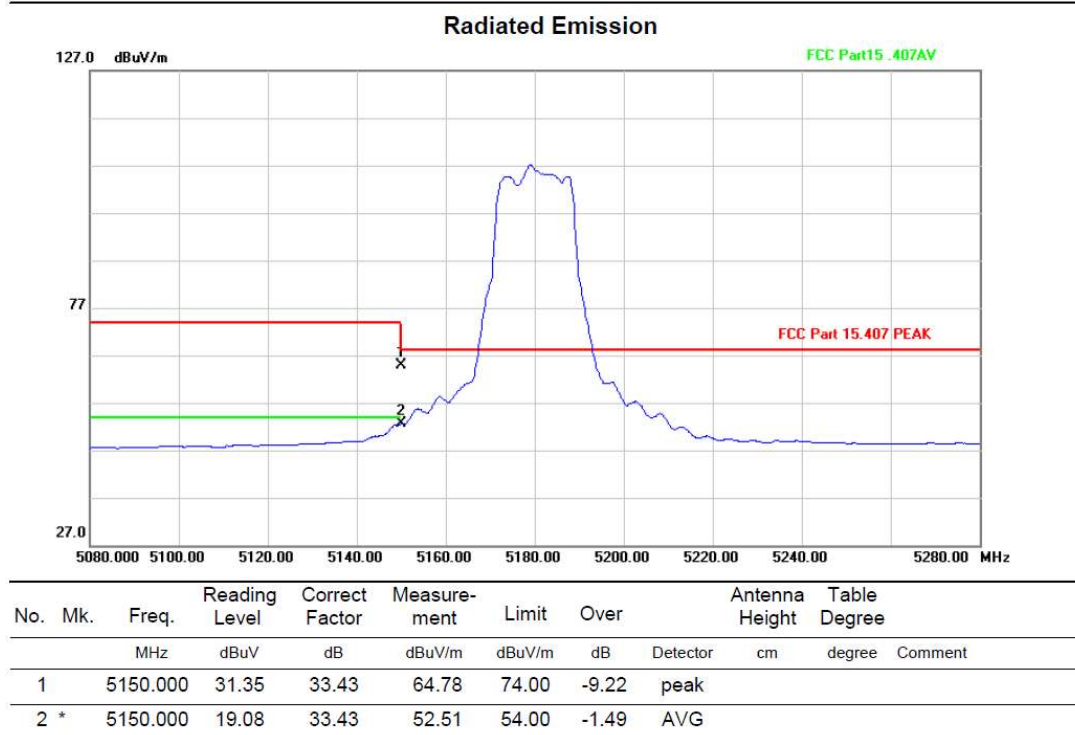
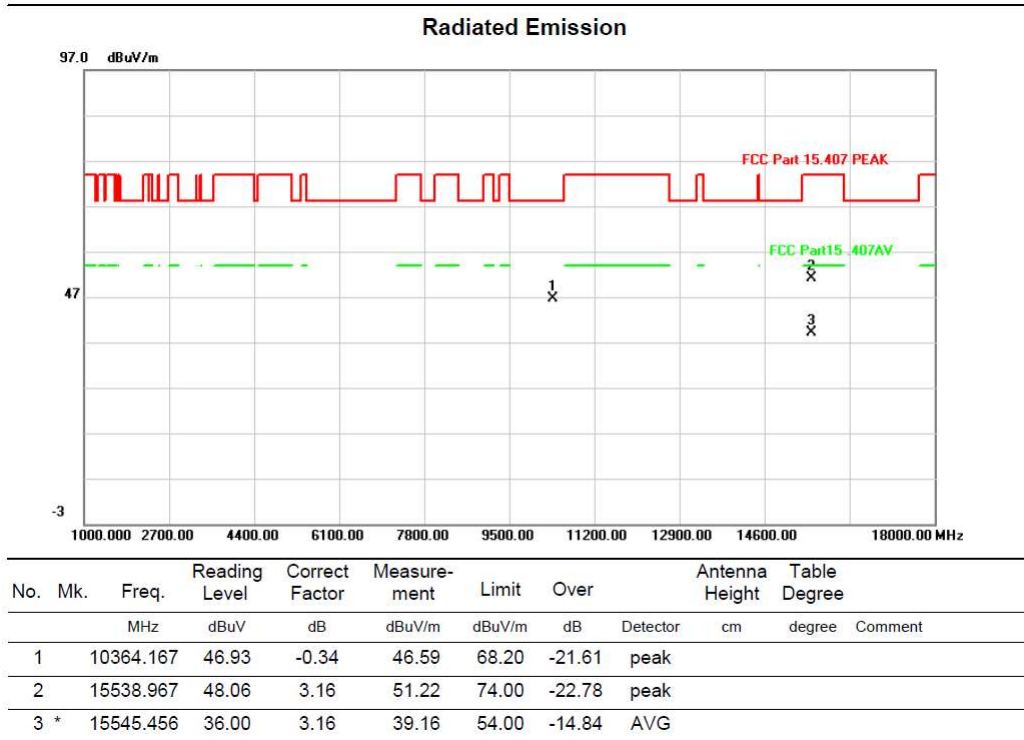
3) Radiated emission: Above 1GHz

Note:

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

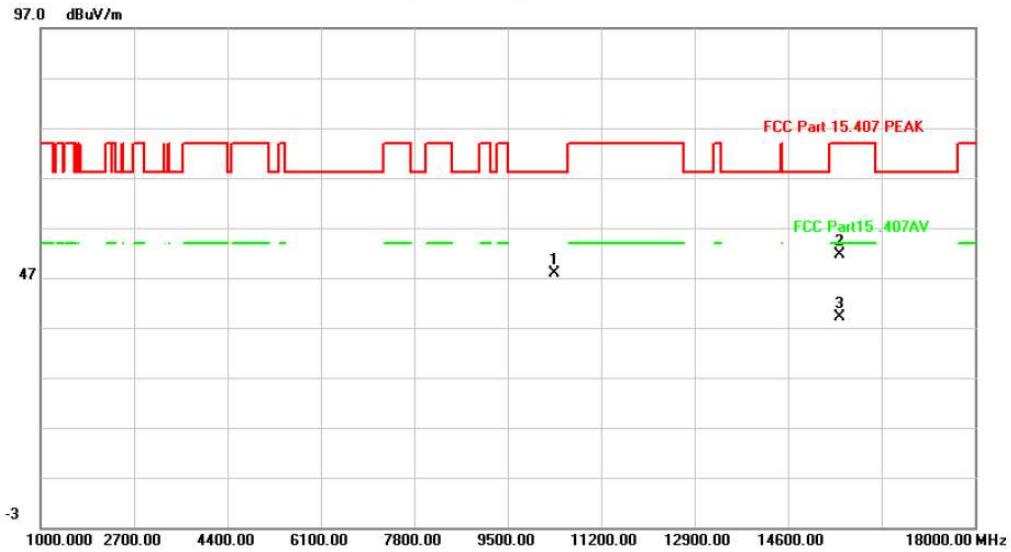
3. Above 1GHz (1GHz~18GHz)	Test mode:11A-CDD	Test Channel:36
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VERTICAL



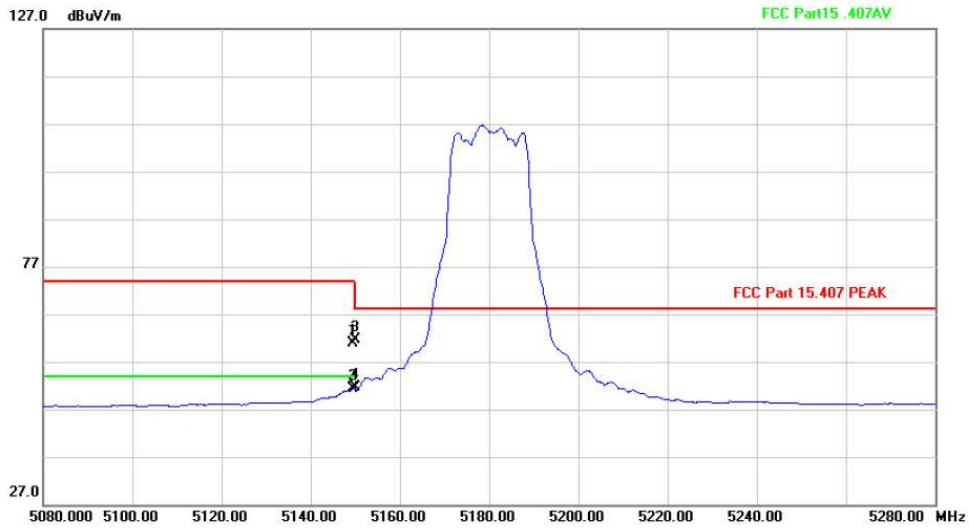
HORIZONTALA

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		10361.133	48.26	-0.34	47.92	68.20	-20.28	peak		
2		15536.700	48.38	3.16	51.54	74.00	-22.46	peak		
3 *		15545.106	35.92	3.16	39.08	54.00	-14.92	AVG		

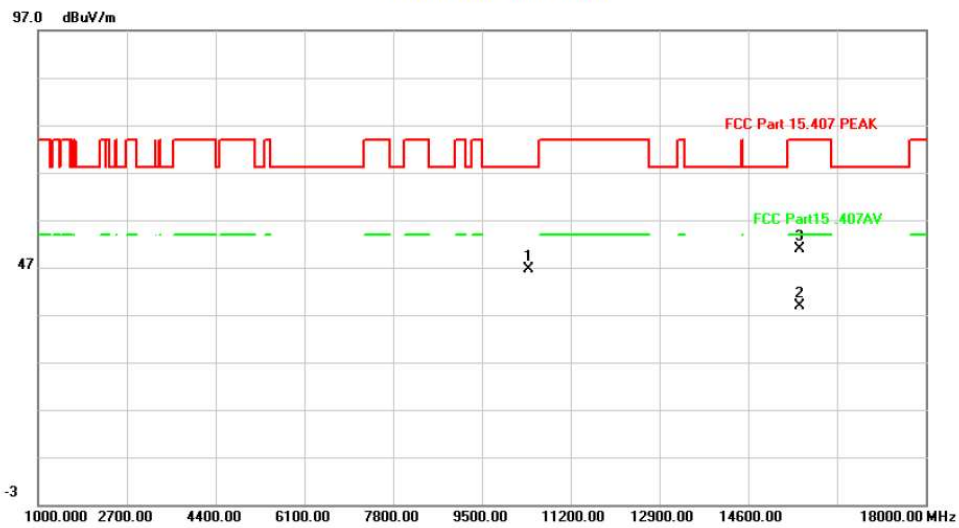
Radiated Emission



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		5149.400	27.35	33.43	60.78	74.00	-13.22	peak		
2		5149.400	17.88	33.43	51.31	54.00	-2.69	AVG		
3		5150.000	28.32	33.43	61.75	74.00	-12.25	peak		
4 *		5150.000	18.18	33.43	51.61	54.00	-2.39	AVG		

VERTICAL

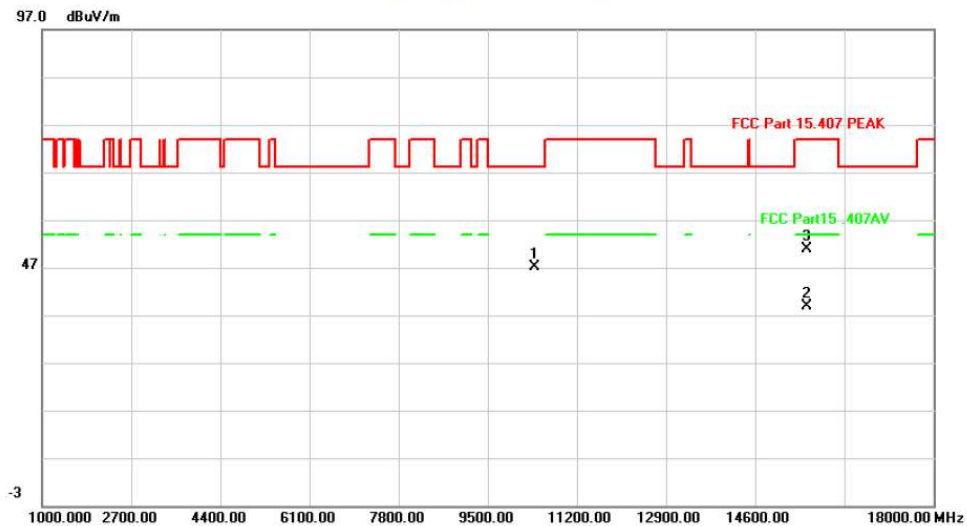
Radiated Emission



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		10402.133	47.02	-0.35	46.67	68.20	-21.53	peak		
2 *		15589.855	35.69	3.15	38.84	54.00	-15.16	AVG		
3		15597.333	47.69	3.15	50.84	74.00	-23.16	peak		

HORIZONTAL

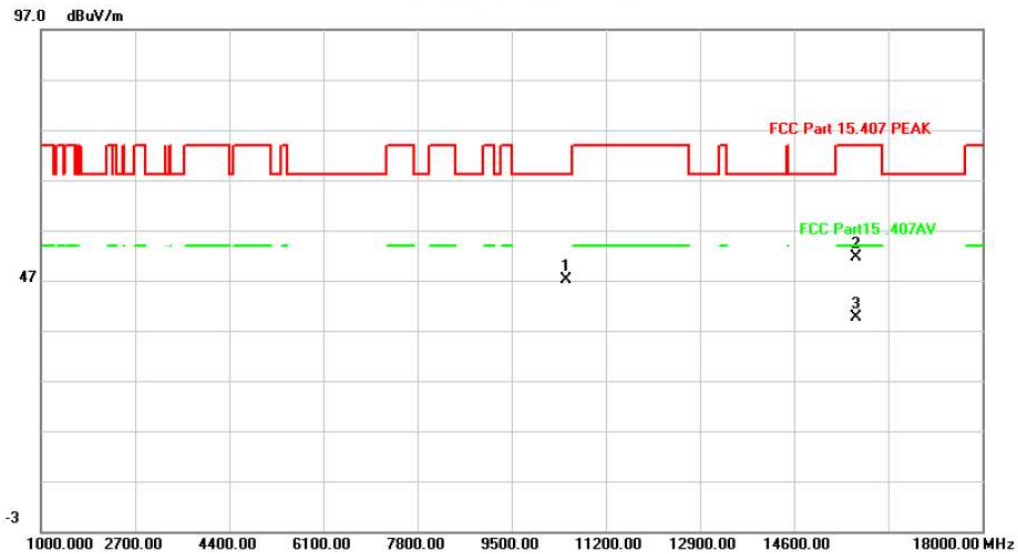
Radiated Emission



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		10401.767	47.36	-0.35	47.01	68.20	-21.19	peak		
2 *		15587.416	35.83	3.15	38.98	54.00	-15.02	AVG		
3		15590.533	47.69	3.15	50.84	74.00	-23.16	peak		

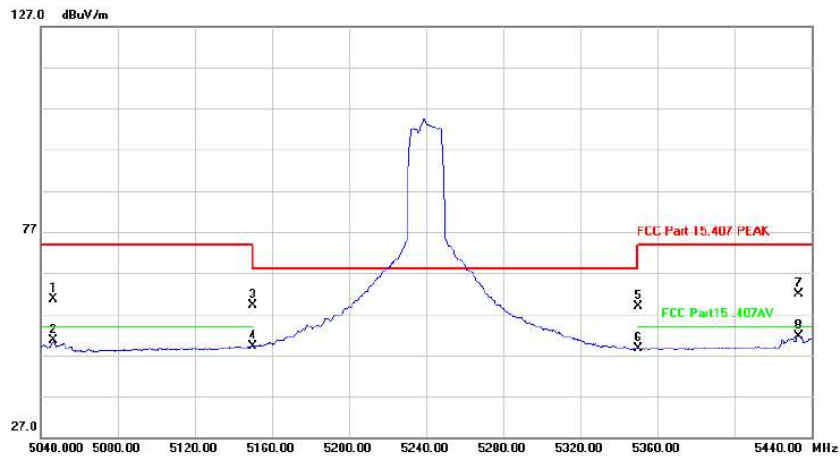
VERTICAL

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		10479.200	47.44	-0.37	47.07	68.20	-21.13	peak		
2		15715.200	48.57	3.14	51.71	74.00	-22.29	peak		
3 *		15716.932	36.42	3.14	39.56	54.00	-14.44	AVG		

Radiated Emission



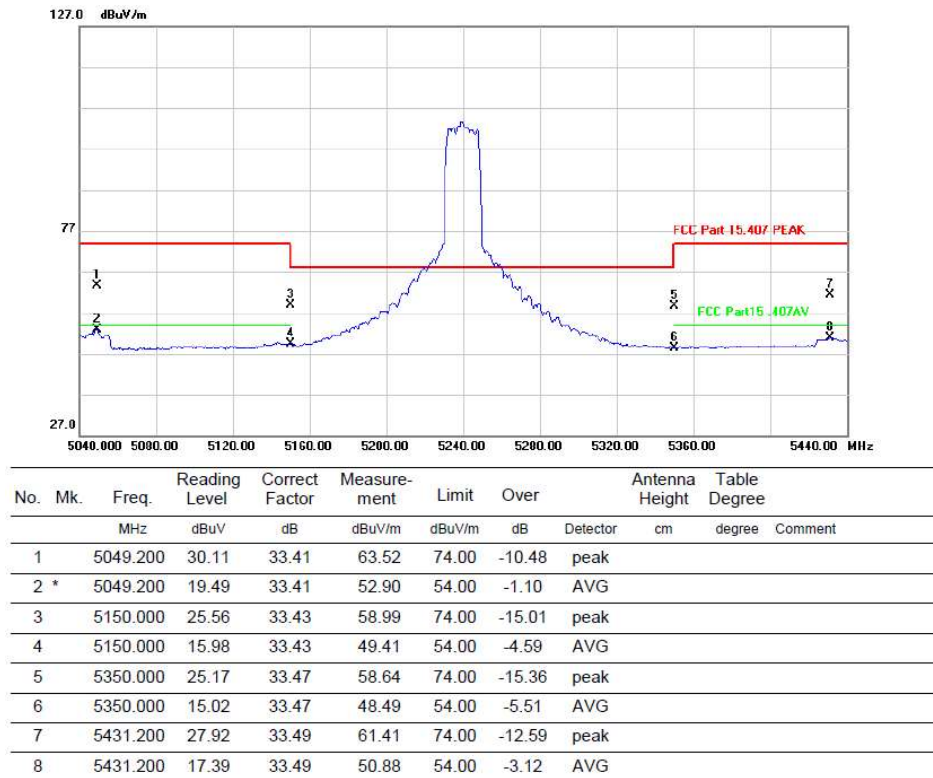
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5046.800	27.25	33.41	60.66	74.00	-13.34	peak		
2		5046.800	17.10	33.41	50.51	54.00	-3.49	AVG		
3		5150.000	25.65	33.43	59.08	74.00	-14.92	peak		
4		5150.000	15.79	33.43	49.22	54.00	-4.78	AVG		
5		5350.000	25.41	33.47	58.88	74.00	-15.12	peak		
6		5350.000	15.09	33.47	48.56	54.00	-5.44	AVG		
7		5433.200	28.40	33.49	61.89	74.00	-12.11	peak		
8 *		5433.200	18.15	33.49	51.64	54.00	-2.36	AVG		

HORIZONTALA

Radiated Emission

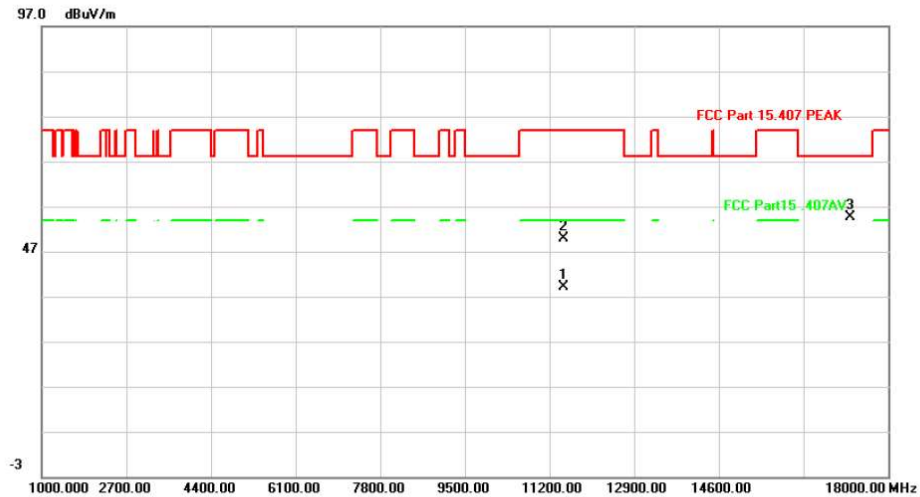


Radiated Emission



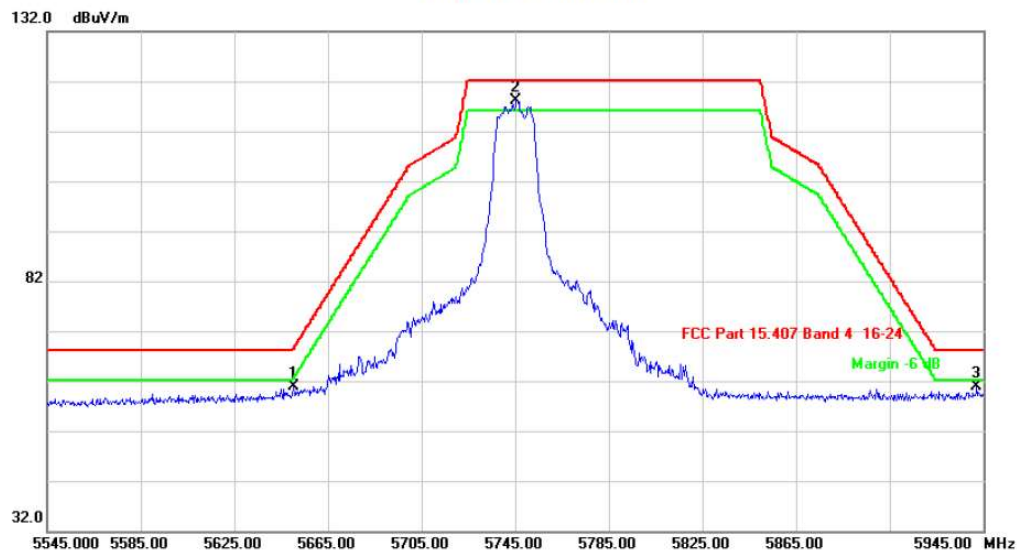
VERTICAL

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
1		11491.453	35.95	3.28	39.23	54.00	-14.77	AVG	
2		11491.500	46.71	3.28	49.99	74.00	-24.01	peak	
3 *		17235.500	47.91	6.79	54.70	68.20	-13.50	peak	

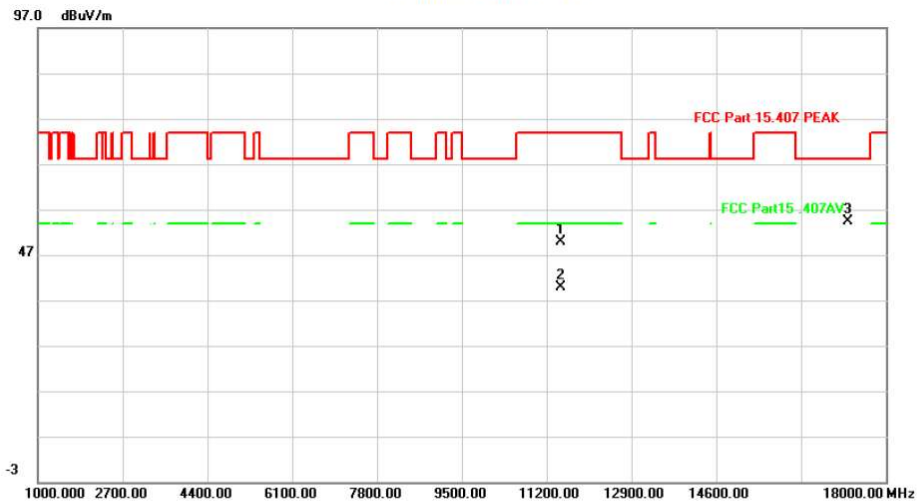
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		5650.200	27.05	33.77	60.82	68.35	-7.53	peak	
2 *		5745.400	84.25	33.94	118.19	122.20	-4.01	peak	
3		5942.200	26.54	34.30	60.84	68.20	-7.36	peak	

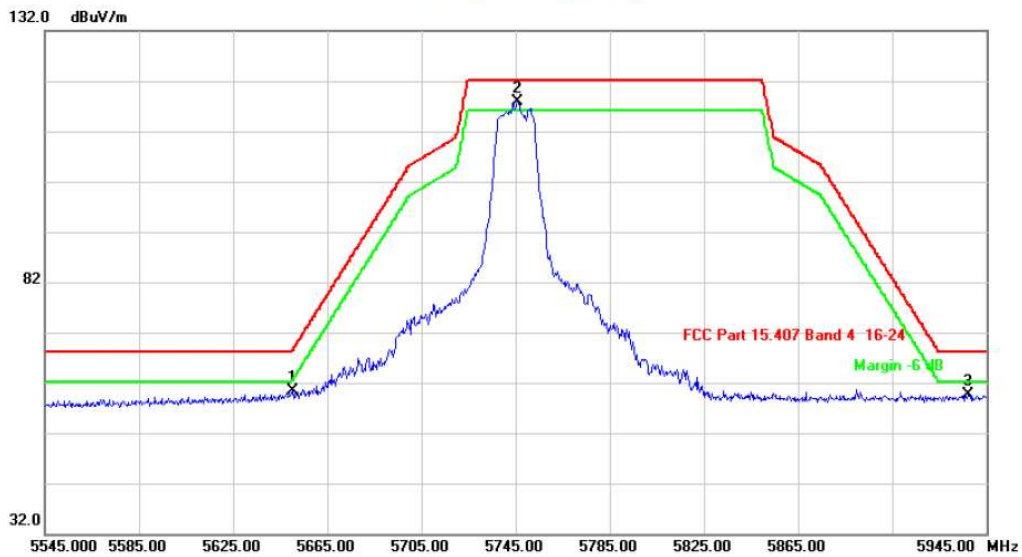
HORIZONTALA

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		11489.567	46.50	3.28	49.78	74.00	-24.22	peak		
2		11491.734	36.62	3.29	39.91	54.00	-14.09	A/VG		
3 *		17235.500	47.52	6.79	54.31	68.20	-13.89	peak		

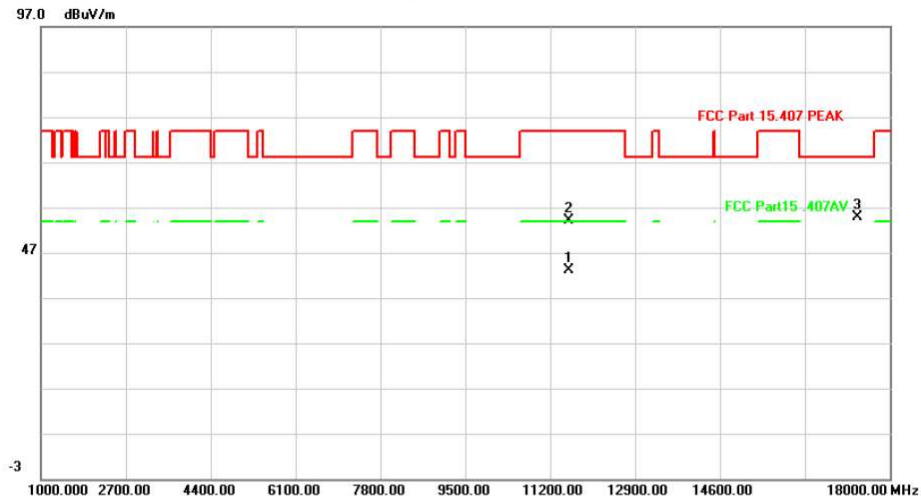
Radiated Emission



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		5650.200	26.49	33.77	60.26	68.35	-8.09	peak		
2 *		5745.800	84.06	33.94	118.00	122.20	-4.20	peak		
3		5937.400	25.41	34.29	59.70	68.20	-8.50	peak		

VERTICAL

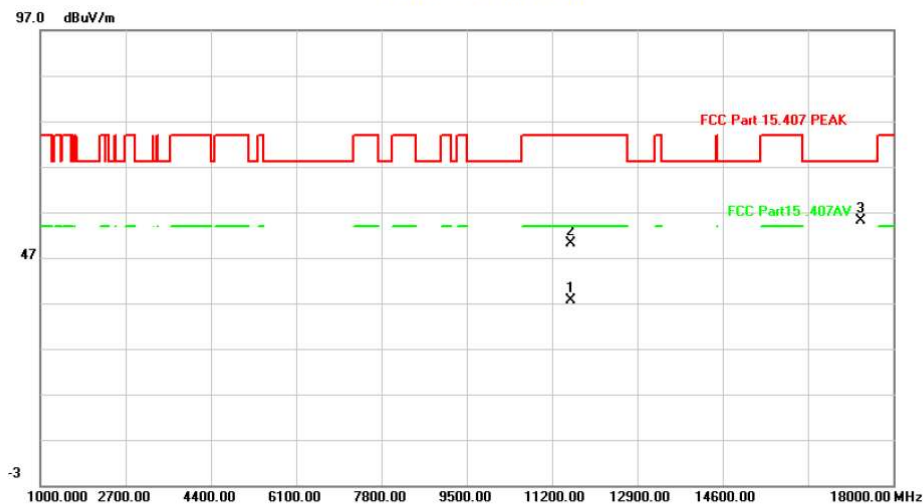
Radiated Emission



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	*	11570.228	40.09	3.01	43.10	54.00	-10.90	AVG		
2		11570.600	51.14	3.00	54.14	74.00	-19.86	peak		
3		17352.867	47.52	7.47	54.99	68.20	-13.21	peak		

HORIZONTAL

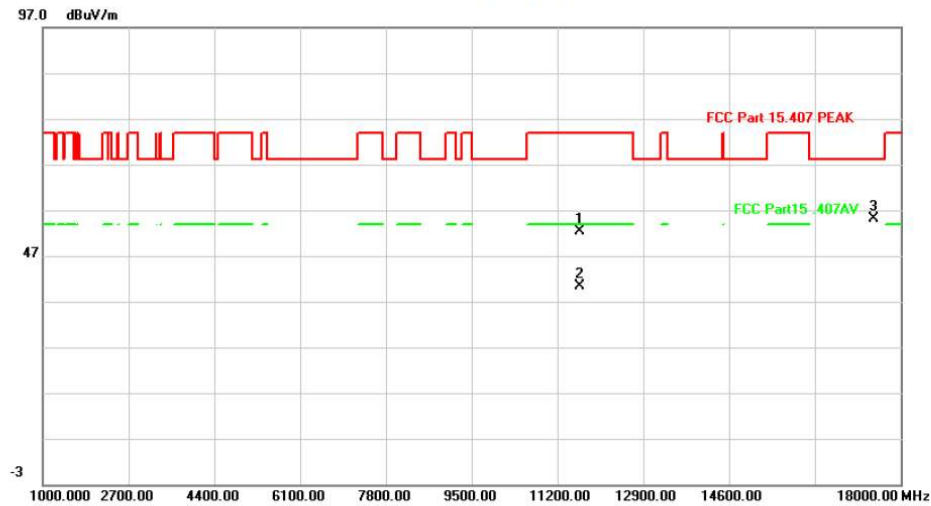
Radiated Emission



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		11569.941	34.55	3.01	37.56	54.00	-16.44	AVG		
2		11572.867	47.22	2.99	50.21	74.00	-23.79	peak		
3	*	17355.500	47.60	7.48	55.08	68.20	-13.12	peak		

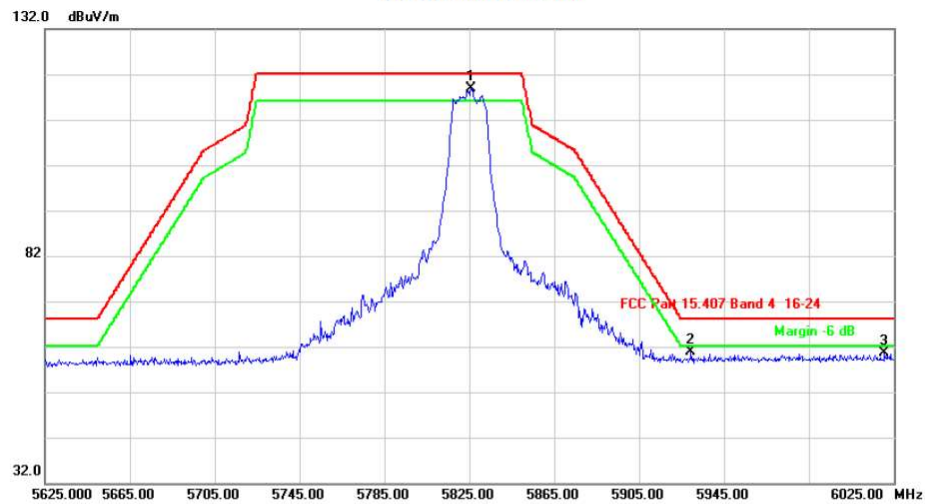
VERTICAL

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		11651.067	49.71	2.65	52.36	74.00	-21.64	peak		
2		11651.115	37.82	2.65	40.47	54.00	-13.53	AVG		
3 *		17475.850	46.97	8.18	55.15	68.20	-13.05	peak		

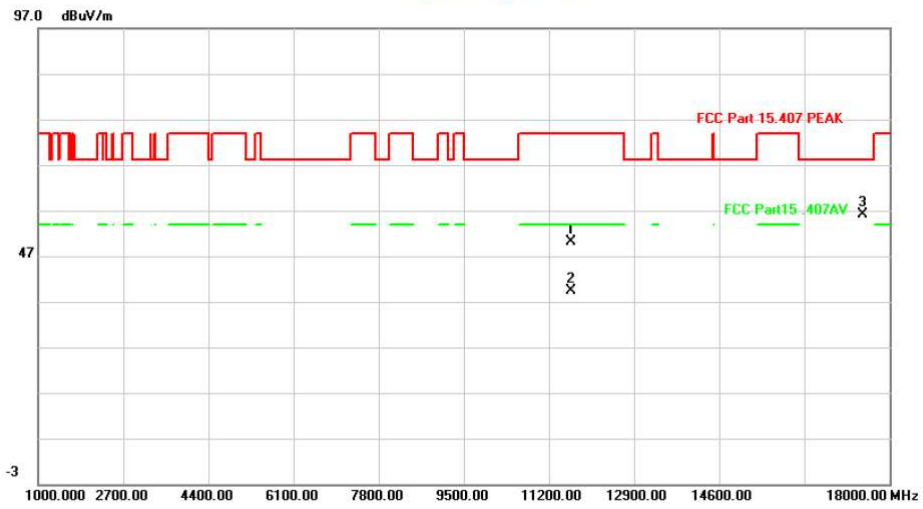
Radiated Emission



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 *		5825.800	84.69	34.09	118.78	122.20	-3.42	peak		
2		5929.400	26.55	34.27	60.82	68.20	-7.38	peak		
3		6020.600	26.10	34.45	60.55	68.20	-7.65	peak		

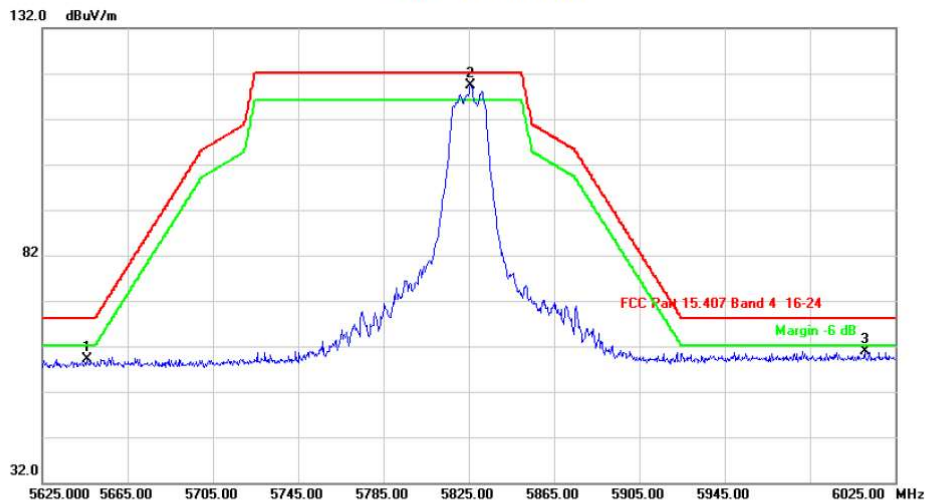
HORIZONTALA

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		11650.450	47.54	2.66	50.20	74.00	-23.80	peak		
2		11651.237	36.80	2.65	39.45	54.00	-14.55	AVG		
3	*	17475.500	48.04	8.18	56.22	68.20	-11.98	peak		

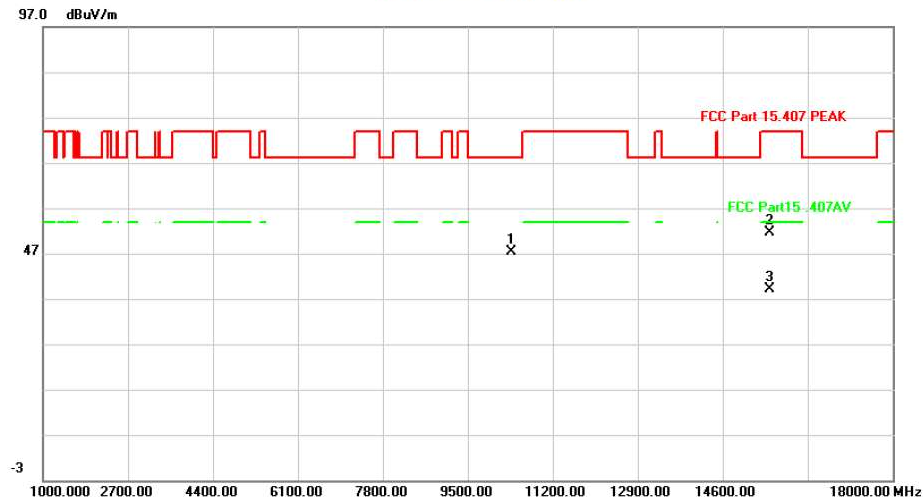
Radiated Emission



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		5645.800	25.47	33.76	59.23	68.20	-8.97	peak		
2	*	5825.800	85.25	34.09	119.34	122.20	-2.86	peak		
3		6010.600	26.42	34.43	60.85	68.20	-7.35	peak		

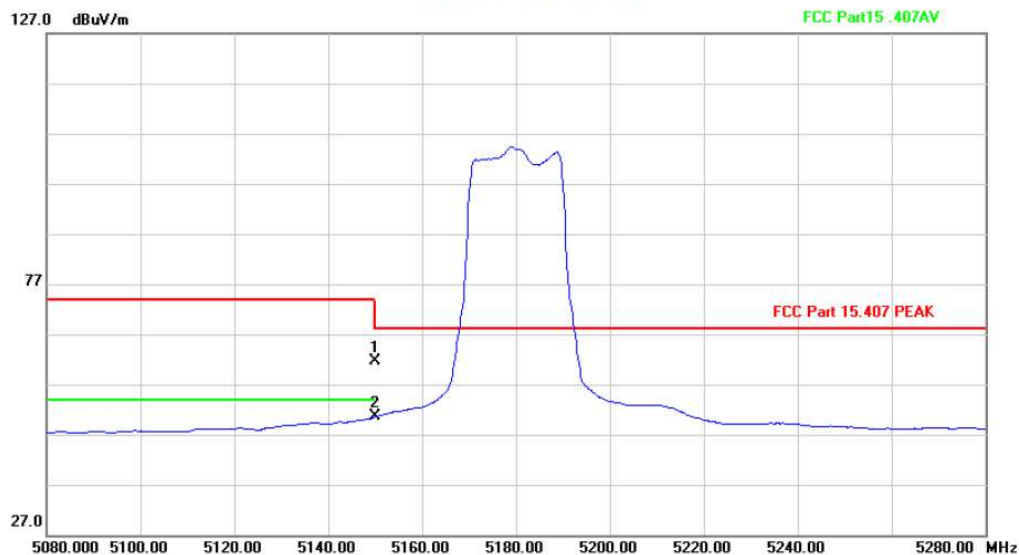
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB			
1		10365.300	47.71	-0.34	47.37	68.20	-20.83	peak		
2		15540.667	48.54	3.16	51.70	74.00	-22.30	peak		
3	*	15547.788	35.99	3.16	39.15	54.00	-14.85	AVG		

Radiated Emission



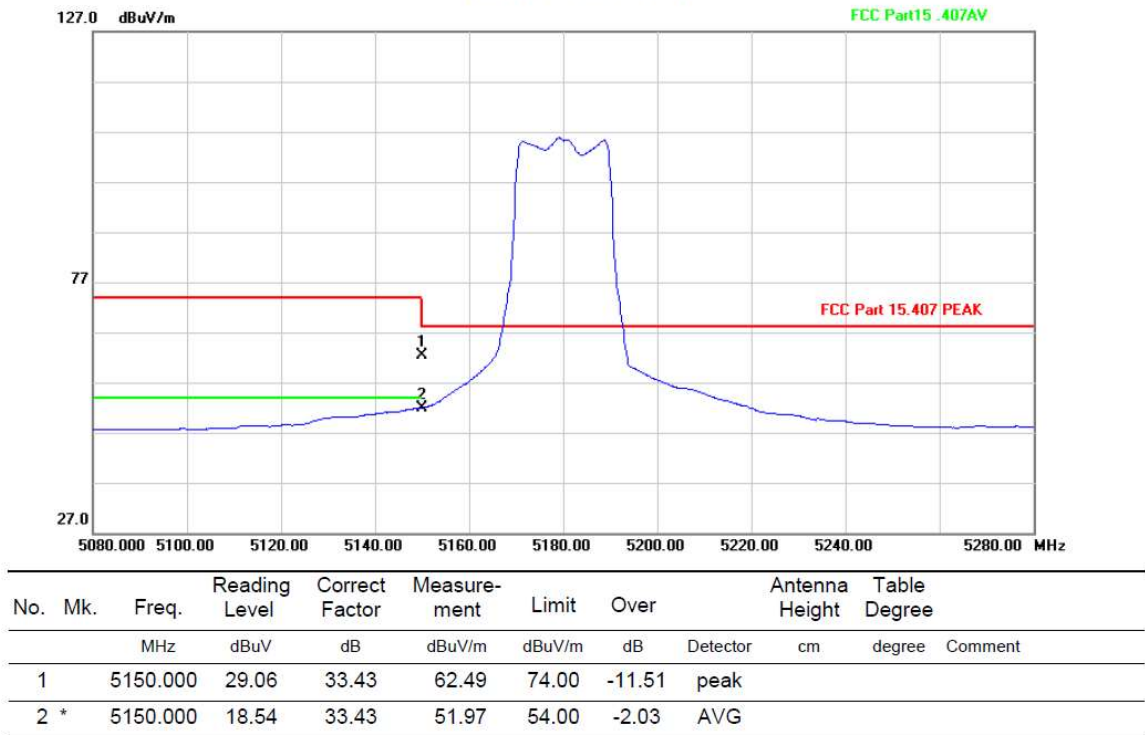
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB			
1		5150.000	28.32	33.43	61.75	74.00	-12.25	peak		
2	*	5150.000	17.08	33.43	50.51	54.00	-3.49	AVG		

HORIZONTALA

Radiated Emission

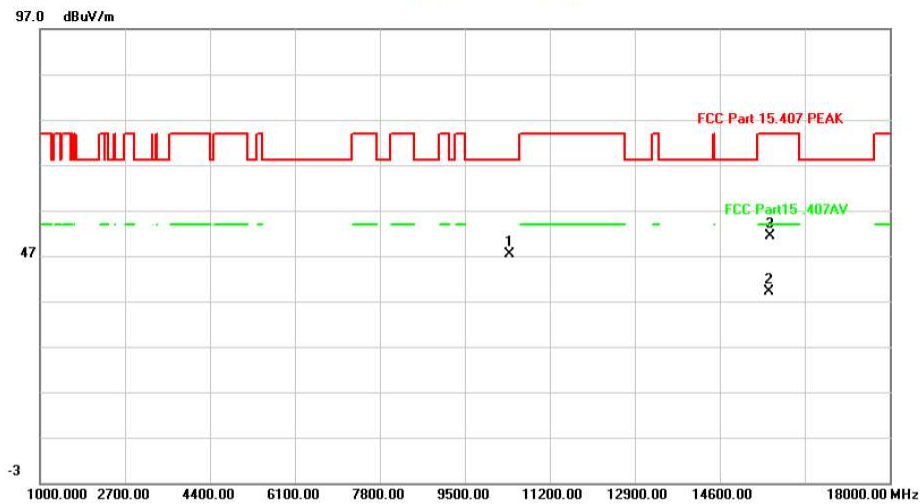


Radiated Emission



VERTICAL

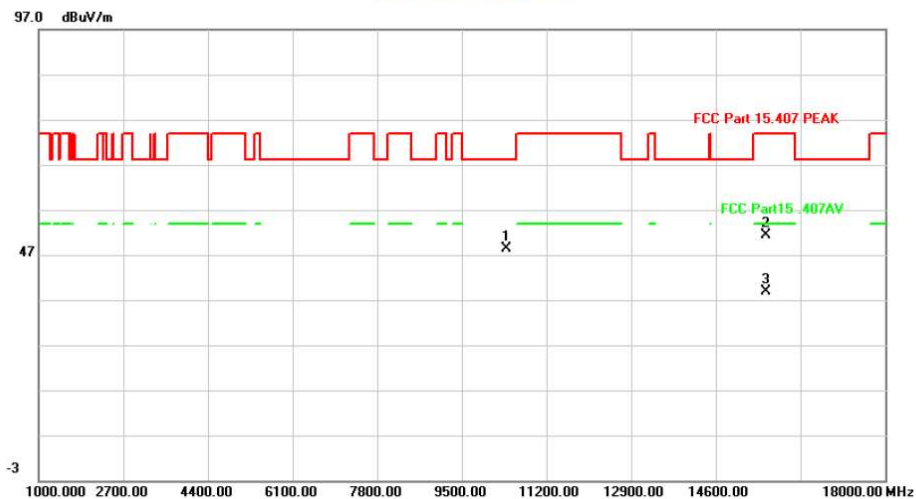
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10403.833	47.83	-0.35	47.48	68.20	-20.72	peak		
2 *		15596.357	35.87	3.15	39.02	54.00	-14.98	AVG		
3		15600.733	48.27	3.15	51.42	74.00	-22.58	peak		

HORIZONTAL

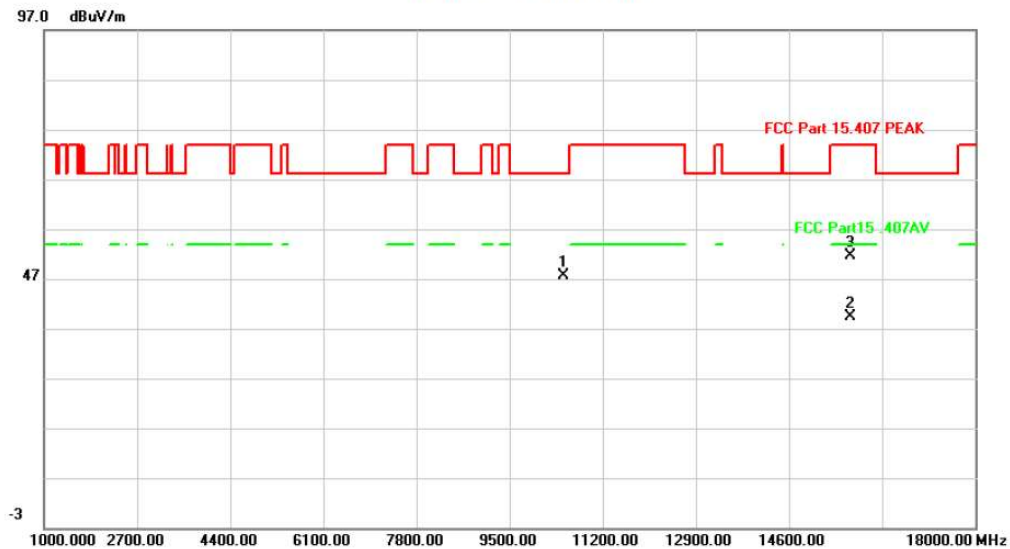
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10402.133	48.62	-0.35	48.27	68.20	-19.93	peak		
2		15604.133	48.23	3.15	51.38	74.00	-22.62	peak		
3 *		15609.884	35.72	3.15	38.87	54.00	-15.13	AVG		

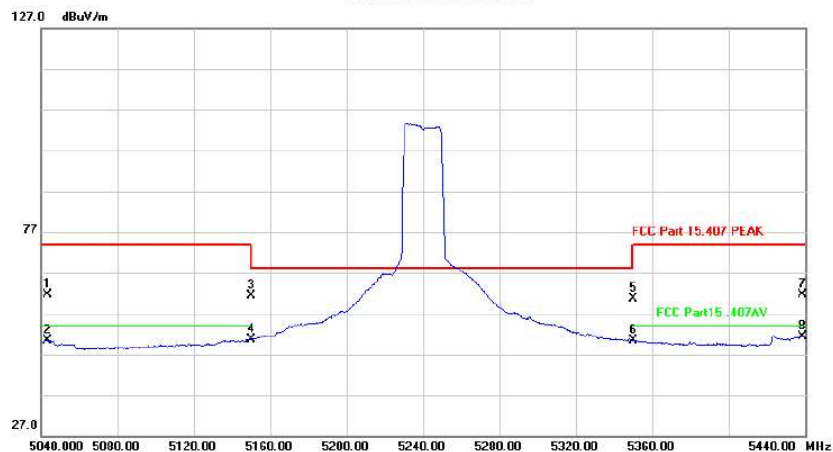
VERTICAL

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		10488.267	48.11	-0.38	47.73	68.20	-20.47	peak		
2 *		15714.574	36.36	3.14	39.50	54.00	-14.50	AVG		
3		15720.633	48.60	3.14	51.74	74.00	-22.26	peak		

Radiated Emission



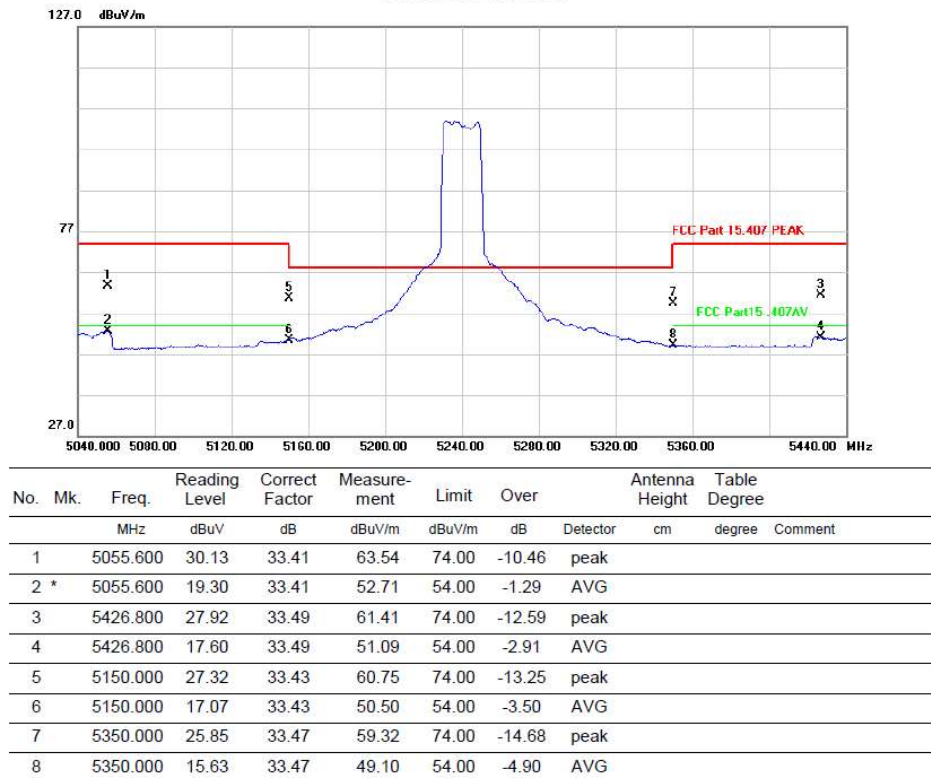
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5043.200	28.12	33.41	61.53	74.00	-12.47	peak		
2		5043.200	17.07	33.41	50.48	54.00	-3.52	AVG		
3		5150.000	28.03	33.43	61.46	74.00	-12.54	peak		
4		5150.000	17.28	33.43	50.71	54.00	-3.29	AVG		
5		5350.000	27.17	33.47	60.64	74.00	-13.36	peak		
6		5350.000	16.80	33.47	50.27	54.00	-3.73	AVG		
7		5438.400	28.26	33.49	61.75	74.00	-12.25	peak		
8 *		5438.400	17.99	33.49	51.48	54.00	-2.52	AVG		

HORIZONTALA

Radiated Emission

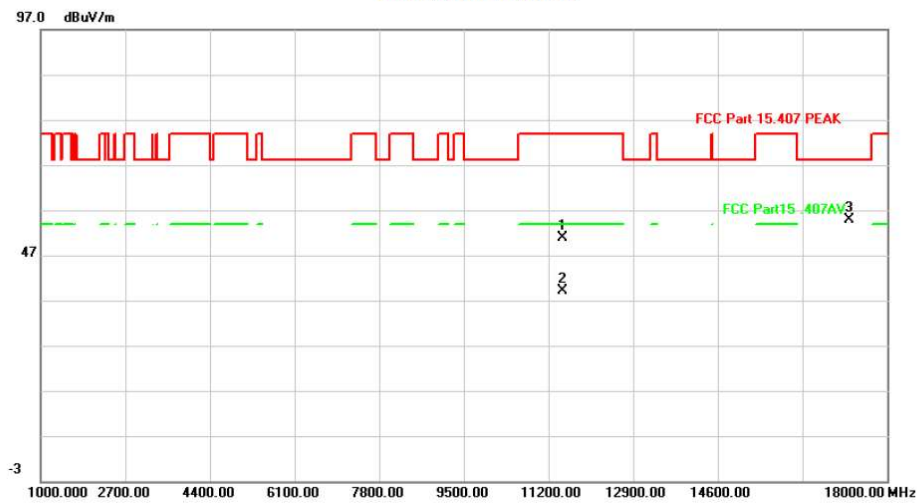


Radiated Emission



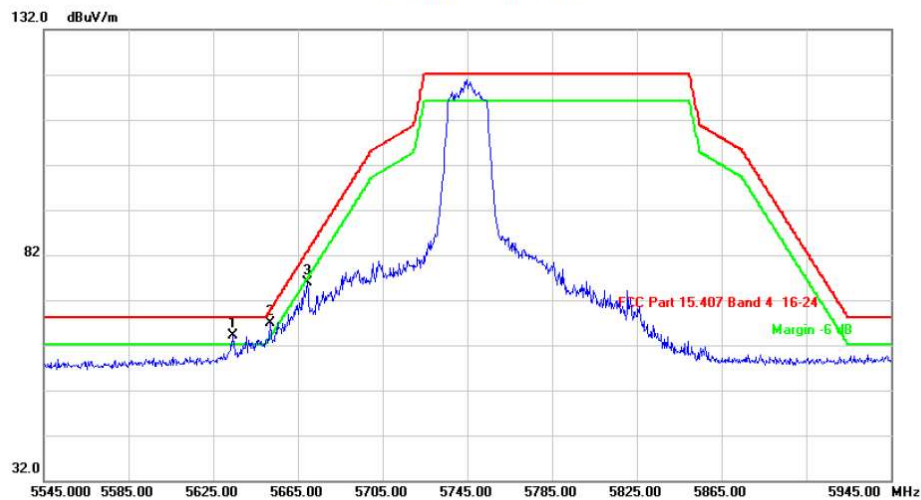
VERTICAL

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
1		11490.233	47.71	3.28	50.99	74.00	-23.01	peak	
2		11491.016	35.90	3.28	39.18	54.00	-14.82	AVG	
3	*	17235.500	48.03	6.79	54.82	68.20	-13.38	peak	

Radiated Emission



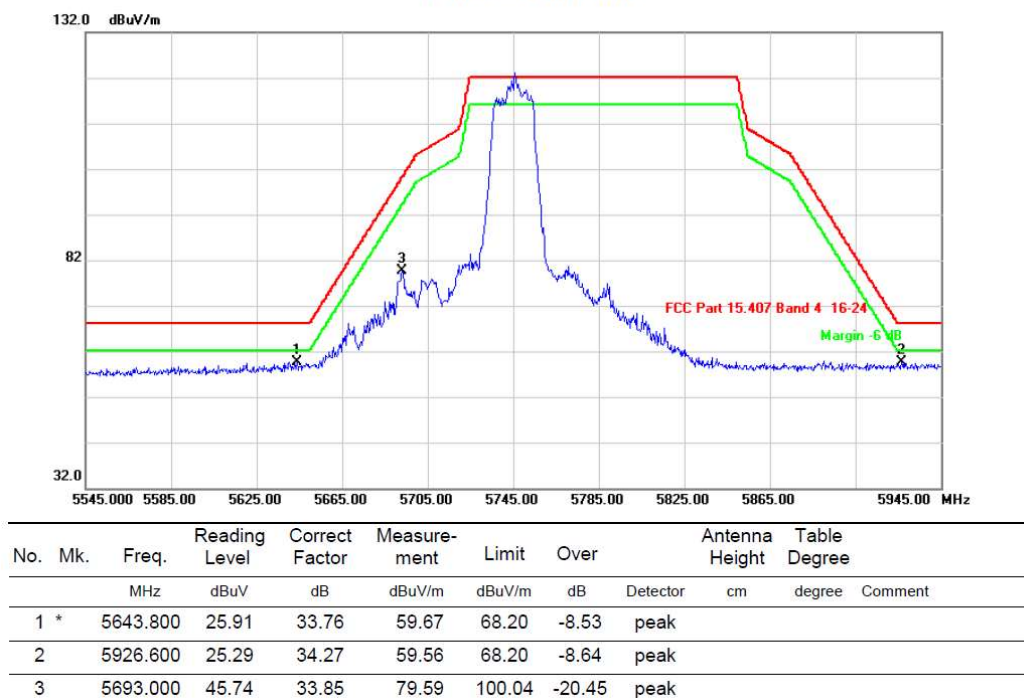
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1	!	5634.200	30.41	33.74	64.15	68.20	-4.05	peak	
2	*	5651.800	33.12	33.77	66.89	69.54	-2.65	peak	
3		5669.400	42.01	33.80	75.81	82.59	-6.78	peak	

HORIZONTALA

Radiated Emission

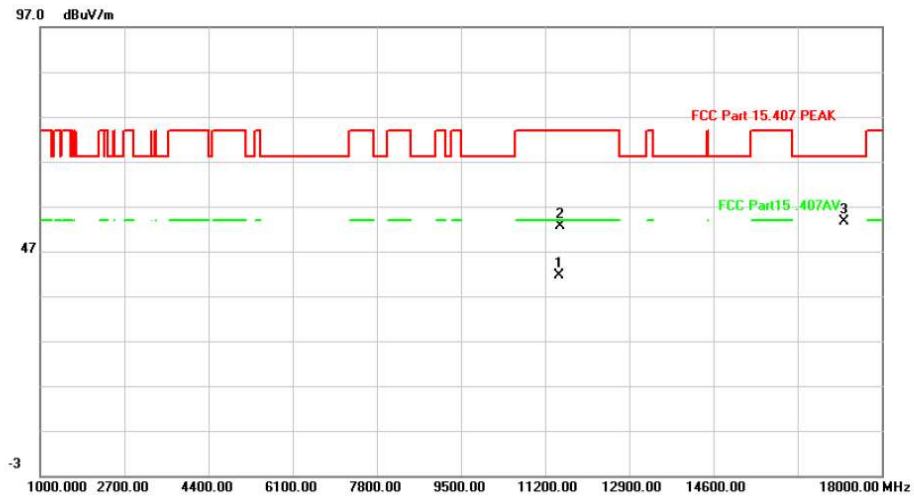


Radiated Emission



VERTICAL

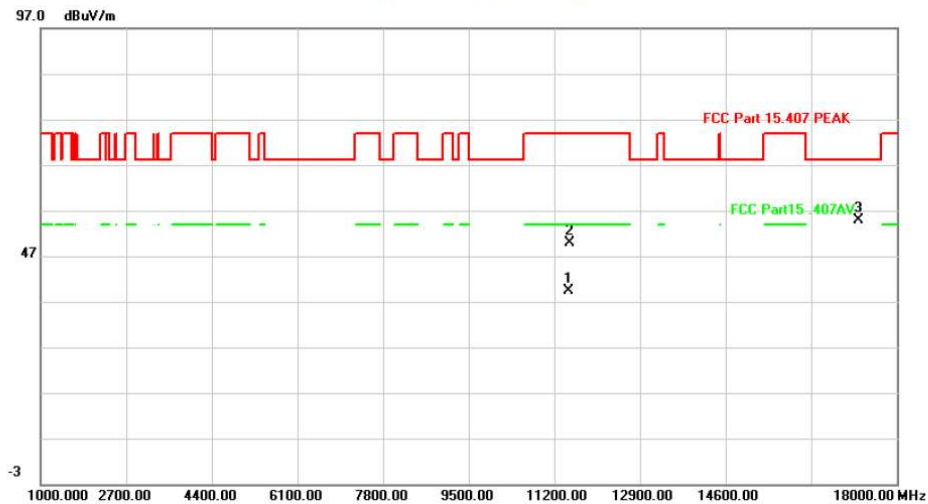
Radiated Emission



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 *		11490.338	38.23	3.28	41.51	54.00	-12.49	AVG		
2		11495.233	49.29	3.30	52.59	74.00	-21.41	peak		
3		17235.000	46.92	6.79	53.71	68.20	-14.49	peak		

HORIZONTAL

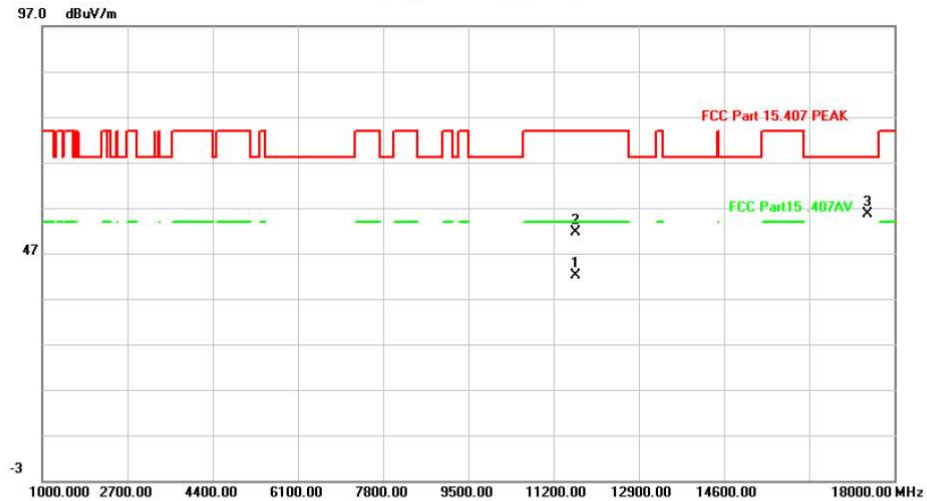
Radiated Emission



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		11489.763	36.03	3.28	39.31	54.00	-14.69	AVG		
2		11496.367	46.57	3.30	49.87	74.00	-24.13	peak		
3 *		17235.500	48.05	6.79	54.84	68.20	-13.36	peak		

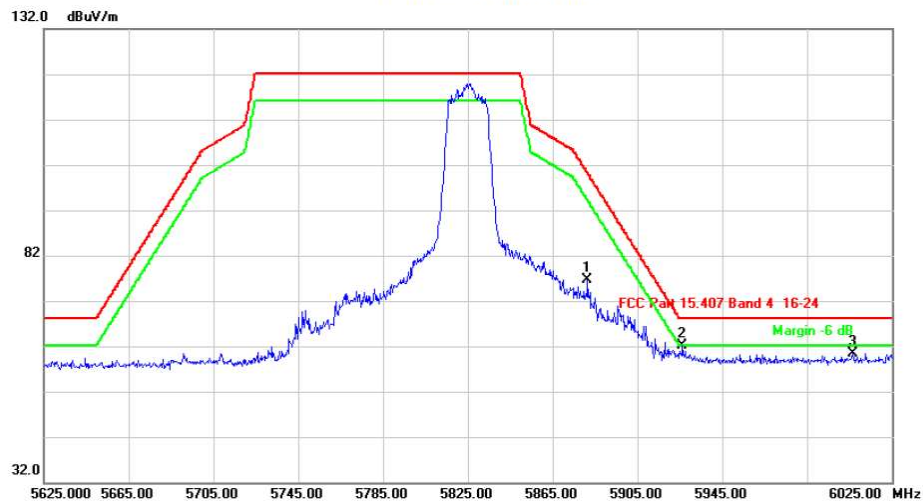
VERTICAL

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
1	*	11650.829	39.39	2.66	42.05	54.00	-11.95	AVG	
2		11652.767	49.03	2.65	51.68	74.00	-22.32	peak	
3		17475.000	47.38	8.18	55.56	68.20	-12.64	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
1		5881.400	42.55	34.19	76.74	100.45	-23.71	peak	
2	*	5926.200	27.91	34.27	62.18	68.20	-6.02	peak	
3		6006.600	26.07	34.42	60.49	68.20	-7.71	peak	