

RF TEST REPORT

FCC ID: 2ATI2-RIGEL3PRO

Test Report No.....: RF260120744-02-002

Product(s) Name.....: Overhead golf launch monitor

Model(s).....: Rigel3 Pro, Rigel3 Plus, Rigel3 Lite, Rigel2 Pro, Rigel2 Lite

Trade Mark.....: GOLFJOY

Applicant.....: SHENZHEN GREENJOY TECHNOLOGY CO.,LTD

Address.....: 2606, UnitA, Building11, Shenzhen Bay Technology and Science
Eco-Park, Nanshan, Shenzhen, China

Receipt Date.....: 2026.01.16

Test Date.....: 2026.01.18 ~ 2026.03.26

Issued Date.....: 2026.03.27

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: 2026.03.27

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

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

SHENZHEN GREENJOY TECHNOLOGY CO.,LTD

2606, UnitA, Building11, Shenzhen Bay Technology and Science Eco-Park, Nanshan, Shenzhen, China

1.2 Manufacturer

SHENZHEN GREENJOY TECHNOLOGY CO.,LTD

2606, UnitA, Building11, Shenzhen Bay Technology and Science Eco-Park, Nanshan, Shenzhen, China

1.3 Basic Description of Equipment Under Test

Sample No.	POC260120744-S001, POC260120744-S002	
Product name	Overhead golf launch monitor	
Model name	Rigel3 Pro, Rigel3 Plus, Rigel3 Lite, Rigel2 Pro, Rigel2 Lite	
Test model	Rigel3 Pro, Rigel3 Plus	
Model difference	Rigel3 Plus is based on Rigel3 Pro, but it has removed the AI acceleration card circuit board, Rigel3 Lite, Rigel2 Pro, Rigel2 Lite and Rigel3 Plus only the model name is different.	
Trade Mark	GOLFJOY	
Power supply	DC 24V from adapter	
Adapter information	Model name: GM95-240375-F Input: 100-240V~, 50-60Hz, 2.5A Output: 24.0V==3.75A; 90.0W	
Operating Temperature	-10℃~45℃	
EUT Stage	○ Product Unit	●Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11ac40: 16.68dBm(0.047W)
	5725MHz ~5850MHz	802.11a: 15.51dBm(0.036W)
Product Type	IEEE 802.11a/n/ac: WLAN (SISO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz	
Modulation	OFDM	
Antenna gain	2.03dBi	
Antenna type	Integrated Antenna	
Data Rate (Mbps)	IEEE 802.11a mode: 6/9/12/18/24/36/48/54 IEEE 802.11n mode: up to 150 IEEE 802.11ac mode: up to 433.3	

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

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
Note: The EUT has one Integrated antenna arrangement which was permanently attached.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

ANSI C63.10:2020

2.3 Test Instruments

No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
Radiated Emission							
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	2025/4/15	2026/4/14
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	Filter	dsusoft	ZBSF6-C5170-5330-544	07227557	/	N/A	N/A
11	Filter	dsusoft	ZBSF6-C5495-5705-1309	07227558	/	N/A	N/A
12	Filter	dsusoft	ZBSF6-C5745-5830-1310	07227559	/	N/A	N/A
13	Filter	dsusoft	ZBSF6-C2400-2483.5-543	07227559	/	N/A	N/A
14	10dB attenuator	dsusoft	10dB	/	/	N/A	N/A
15	Filter	dsusoft	ZBSF6-C3000-18000-174	07227597	/	N/A	N/A
16	Filter	dsusoft	ZBSF6-C6500-18000-547	07227595	/	N/A	N/A
17	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	2025/4/15	2026/4/14
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 Analyzer	Agilent	N9020A	MY52220022	JLE090	2026/1/19	2027/1/18
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	N5182B	MY59100855	JLE068	2025/4/15	2026/4/14
6	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2026/2/27	2027/2/26
7	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K5 0-116064-Dt	JLE054	2026/2/27	2027/2/26
8	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				

2.4 Operation 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	☐	3TX	☐	4TX
☒	802.11n(20MHz)	Operating mode	☒	1TX	☐	2TX	☐	3TX	☐	4TX
☒	802.11n(40MHz)	Operating mode	☒	1TX	☐	2TX	☐	3TX	☐	4TX
☒	802.11ac(20MHz)	Operating mode	☒	1TX	☐	2TX	☐	3TX	☐	4TX
☒	802.11ac(40MHz)	Operating mode	☒	1TX	☐	2TX	☐	3TX	☐	4TX
☒	802.11ac(80MHz)	Operating mode	☒	1TX	☐	2TX	☐	3TX	☐	4TX

Note: All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.

2.5 Test Condition

Test Item	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	24.6°C, 49% RH	AC 120V/60Hz	Keith Huang
Radiated Emission	23.9°C, 50% RH	AC 120V/60Hz	Keith Huang
Spectrum Bandwidth	23.2°C, 46% RH	DC 24V	Lemon He
Conducted Power	23.2°C, 46% RH	DC 24V	Lemon He
Power Spectral Density	23.2°C, 46% RH	DC 24V	Lemon He

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 24V DC, -10°C~45°C

2.6 Duty Cycle of Test Signal

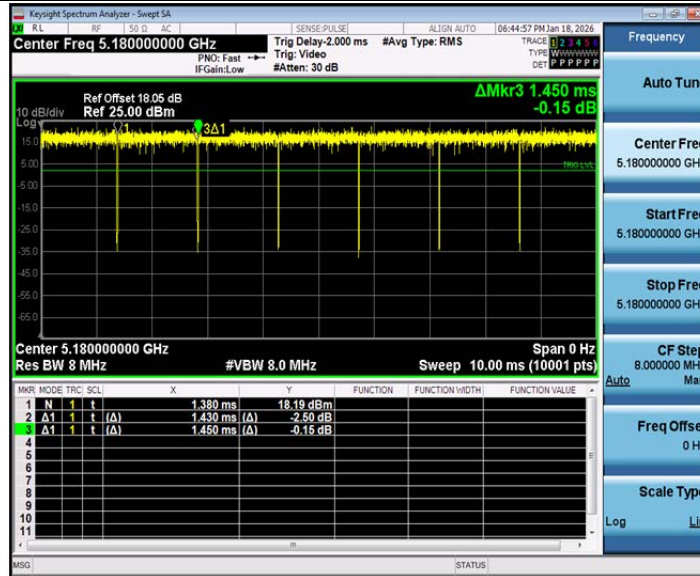
If duty cycle is $\geq 98\%$, duty factor is not required.

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

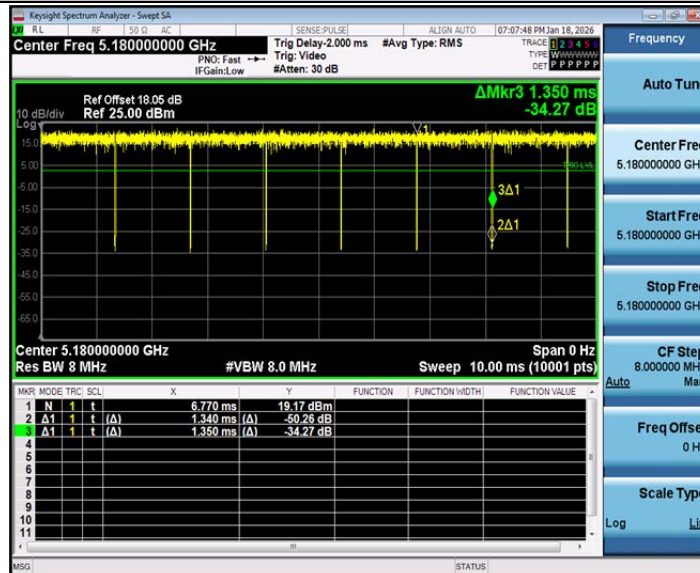
All the duty factor of other test mode have been considered.

Test Mode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	5180	1.43	1.45	98.62
11N20SISO	5180	1.34	1.35	99.26
11N40SISO	5190	0.18	0.20	90.00
11AC20SISO	5180	1.34	1.36	98.53
11AC40SISO	5190	0.67	0.68	98.53
11AC80SISO	5210	0.30	0.31	96.77
11A	5745	1.43	1.45	98.62
11N20SISO	5745	0.17	0.19	89.47
11N40SISO	5755	0.10	0.11	90.91
11AC20SISO	5745	1.05	1.06	99.06
11AC40SISO	5755	0.56	0.57	98.25
11AC80SISO	5775	0.33	0.35	94.29

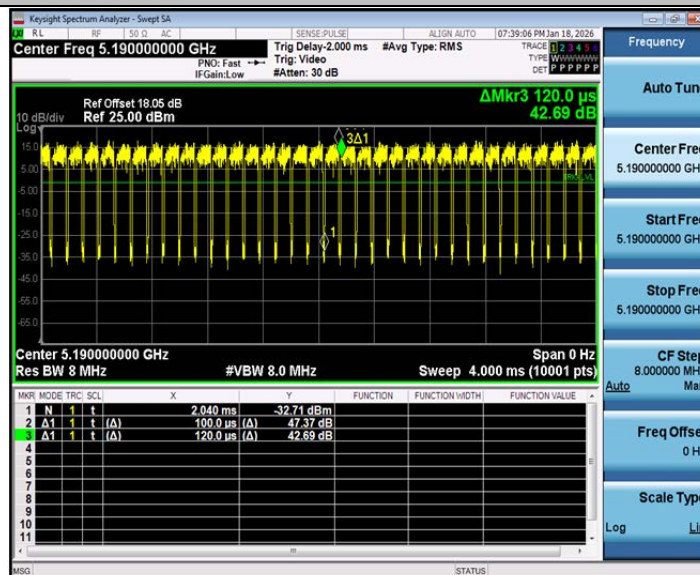
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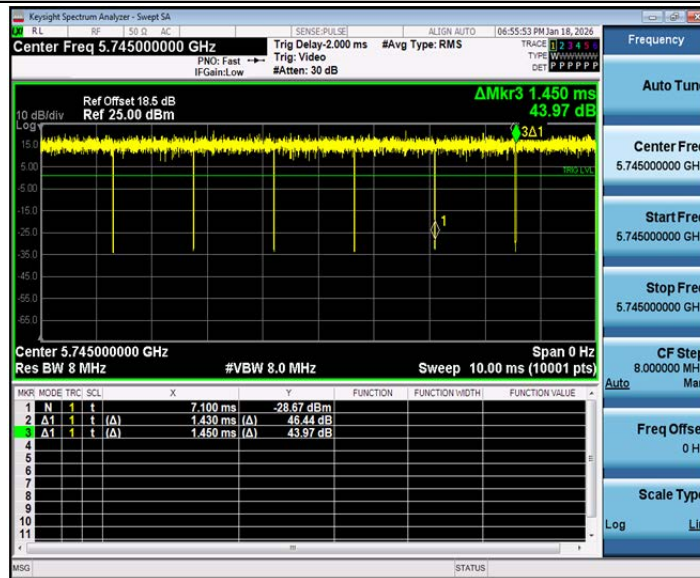
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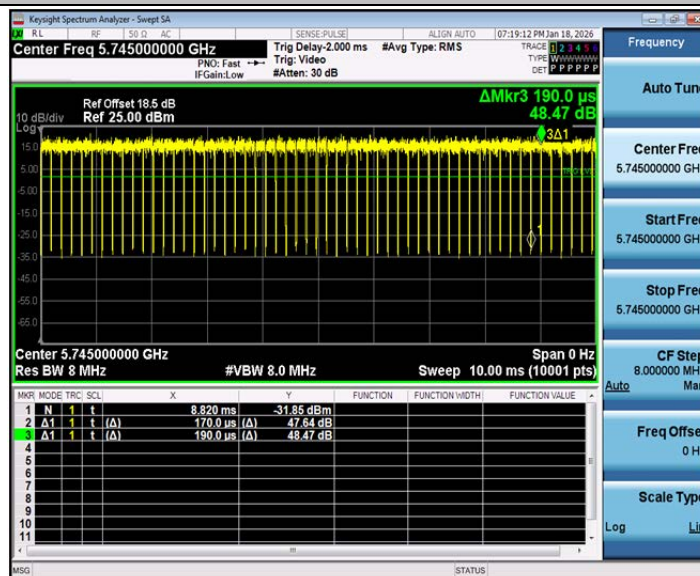
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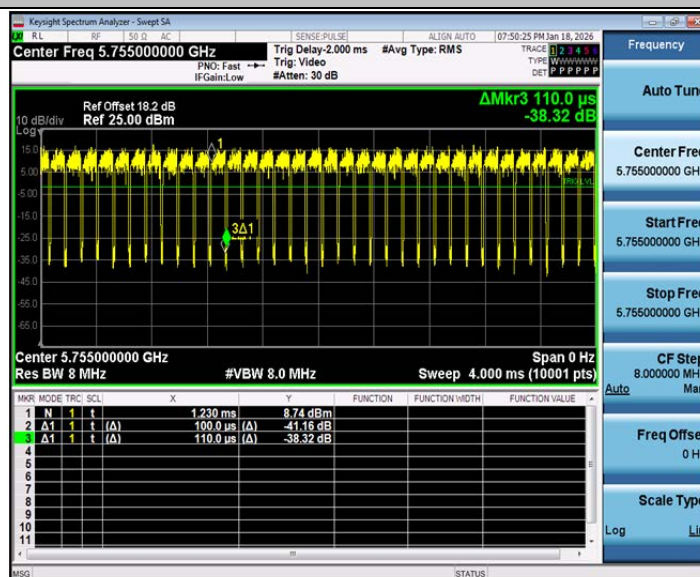
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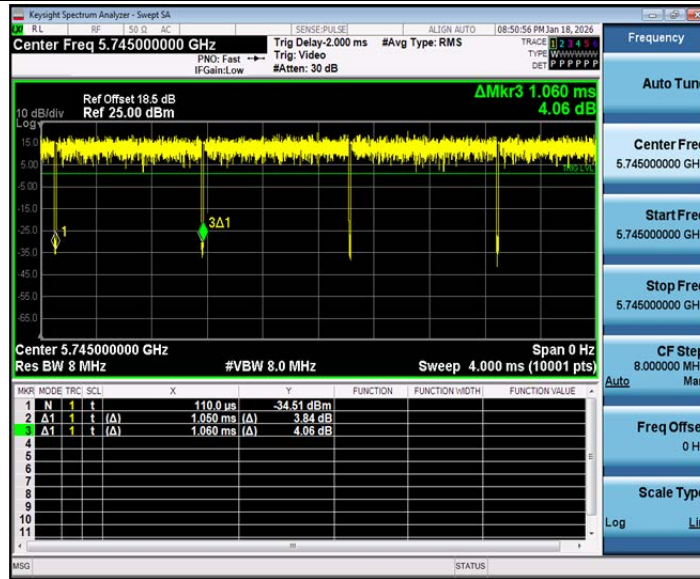
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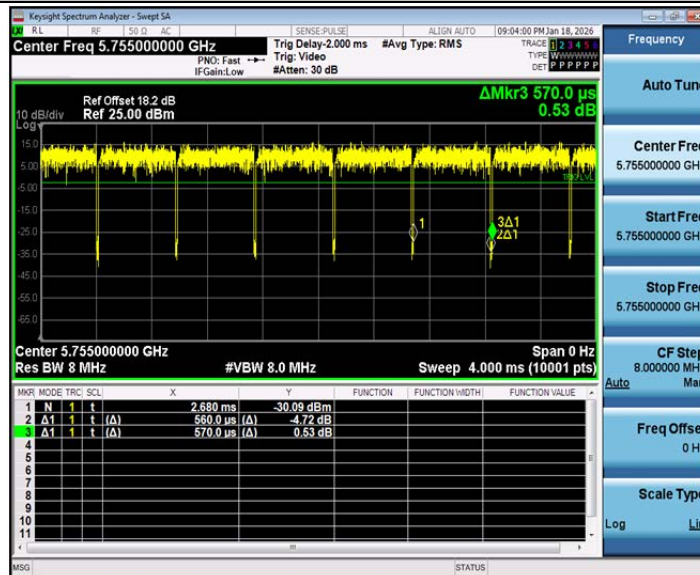
11N40SISO_Ant1_5755



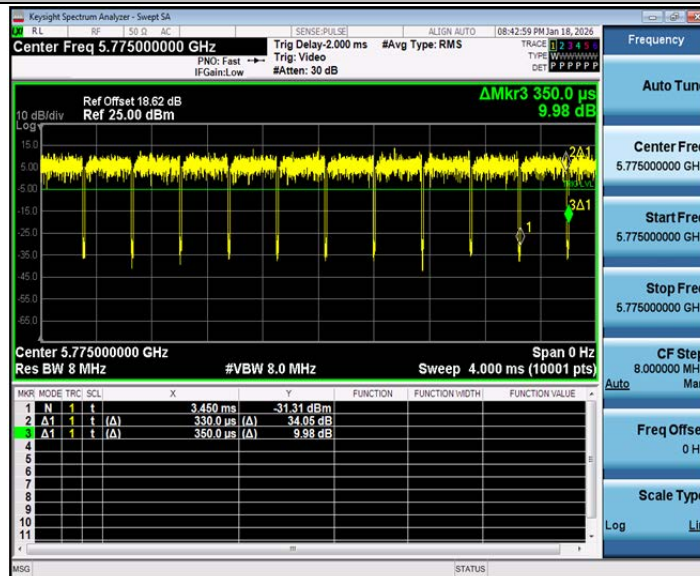
11AC20SISO_Ant1_5745



11AC40SISO_Ant1_5755



11AC80SISO_Ant1_5775



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

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
FCC Designation Number	CN1340
CAB identifier:	CN0145
A2LA Certificate Number:	6823.01

2.9 SUPPORT UNITS

No.	Equipment	Model	Manufacturer	Series No
1	PC	M4500T	Thinkpad	M032004854IT

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.

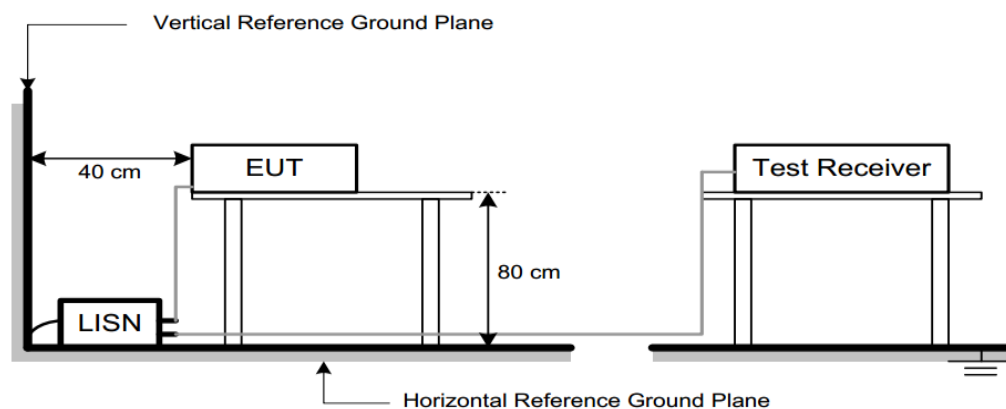
2. The lower limit shall apply at the transition frequencies.

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

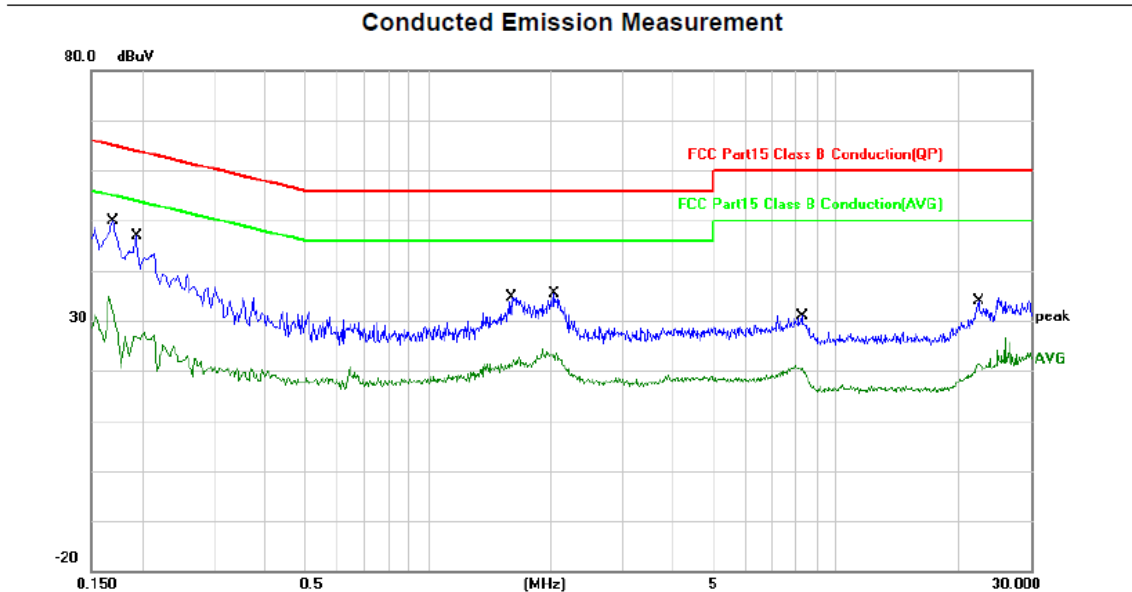
Note:

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 11AC40 Mode Channel 46 is found to be the worst case and recorded.

For Rigel3 Pro

150kHz~30MHz	TX 11AC40 Channel 46
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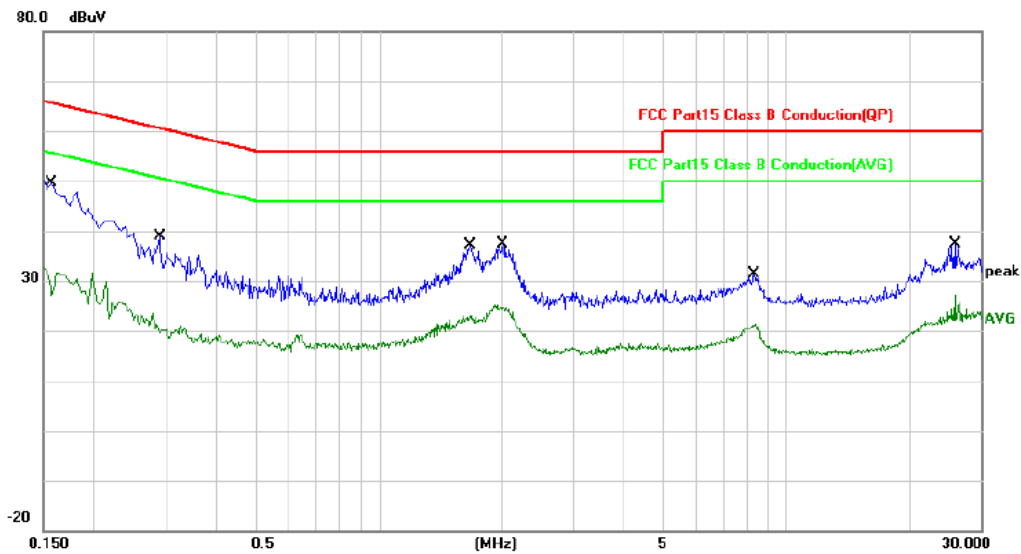
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1700	24.60	19.48	44.08	64.96	-20.88	QP	
2		0.1700	8.67	19.48	28.15	54.96	-26.81	AVG	
3		0.1940	21.43	19.51	40.94	63.86	-22.92	QP	
4		0.1940	6.04	19.51	25.55	53.86	-28.31	AVG	
5		1.6060	7.73	19.62	27.35	56.00	-28.65	QP	
6		1.6060	1.21	19.62	20.83	46.00	-25.17	AVG	
7		2.0500	9.33	19.66	28.99	56.00	-27.01	QP	
8		2.0500	2.65	19.66	22.31	46.00	-23.69	AVG	
9		8.2540	3.75	20.11	23.86	60.00	-36.14	QP	
10		8.2540	-1.56	20.11	18.55	50.00	-31.45	AVG	
11		22.3300	5.73	20.94	26.67	60.00	-33.33	QP	
12		22.3300	-0.17	20.94	20.77	50.00	-29.23	AVG	

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	26.09	19.50	45.59	65.57	-19.98	QP	
2		0.1580	8.99	19.50	28.49	55.57	-27.08	AVG	
3		0.2900	9.90	19.54	29.44	60.52	-31.08	QP	
4		0.2900	-0.26	19.54	19.28	50.52	-31.24	AVG	
5		1.6780	12.52	19.62	32.14	56.00	-23.86	QP	
6		1.6780	2.19	19.62	21.81	46.00	-24.19	AVG	
7		2.0180	10.24	19.69	29.93	56.00	-26.07	QP	
8		2.0180	3.87	19.69	23.56	46.00	-22.44	AVG	
9		8.3580	4.46	20.11	24.57	60.00	-35.43	QP	
10		8.3580	-0.78	20.11	19.33	50.00	-30.67	AVG	
11		25.9100	8.30	21.07	29.37	60.00	-30.63	QP	
12		25.9100	5.30	21.07	26.37	50.00	-23.63	AVG	

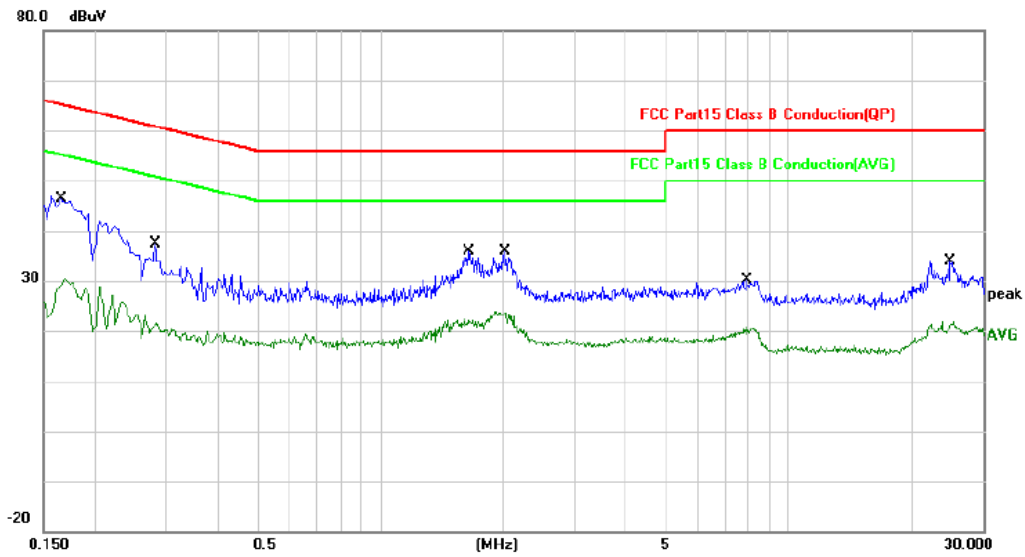
For Rigel3 Plus

150kHz~30MHz

TX 11AC40 Channel 46

Line

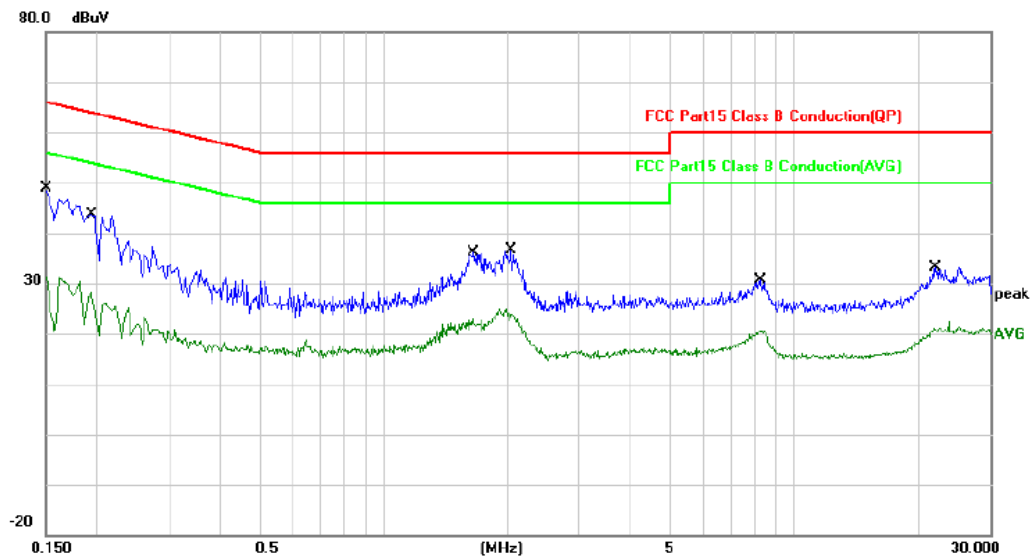
Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1677	24.41	19.48	43.89	65.07	-21.18	QP	
2		0.1677	8.67	19.48	28.15	55.07	-26.92	AVG	
3		0.2820	9.45	19.52	28.97	60.76	-31.79	QP	
4		0.2820	-0.24	19.52	19.28	50.76	-31.48	AVG	
5		1.6500	9.56	19.62	29.18	56.00	-26.82	QP	
6		1.6500	1.67	19.62	21.29	46.00	-24.71	AVG	
7		2.0300	9.19	19.66	28.85	56.00	-27.15	QP	
8		2.0300	3.17	19.66	22.83	46.00	-23.17	AVG	
9		7.9180	3.51	20.10	23.61	60.00	-36.39	QP	
10		7.9180	-1.32	20.10	18.78	50.00	-31.22	AVG	
11		24.9980	4.63	21.04	25.67	60.00	-34.33	QP	
12		24.9980	-0.95	21.04	20.09	50.00	-29.91	AVG	

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1516	26.21	19.51	45.72	65.91	-20.19	QP	
2		0.1516	8.94	19.51	28.45	55.91	-27.46	AVG	
3		0.1945	20.34	19.54	39.88	63.84	-23.96	QP	
4		0.1945	4.76	19.54	24.30	53.84	-29.54	AVG	
5		1.6540	11.19	19.61	30.80	56.00	-25.20	QP	
6		1.6540	2.06	19.61	21.67	46.00	-24.33	AVG	
7		2.0500	10.10	19.70	29.80	56.00	-26.20	QP	
8		2.0500	3.22	19.70	22.92	46.00	-23.08	AVG	
9		8.2820	4.14	20.11	24.25	60.00	-35.75	QP	
10		8.2820	-0.94	20.11	19.17	50.00	-30.83	AVG	
11		22.1060	5.19	20.93	26.12	60.00	-33.88	QP	
12		22.1060	-0.64	20.93	20.29	50.00	-29.71	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	$2400/F(\text{kHz})$	-
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.

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

Frequency(MHz)	EIRP Limit(dBm/MHz)	Equivalent Field Strength at 3m($\text{dB}\mu\text{V}/\text{m}$)
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.

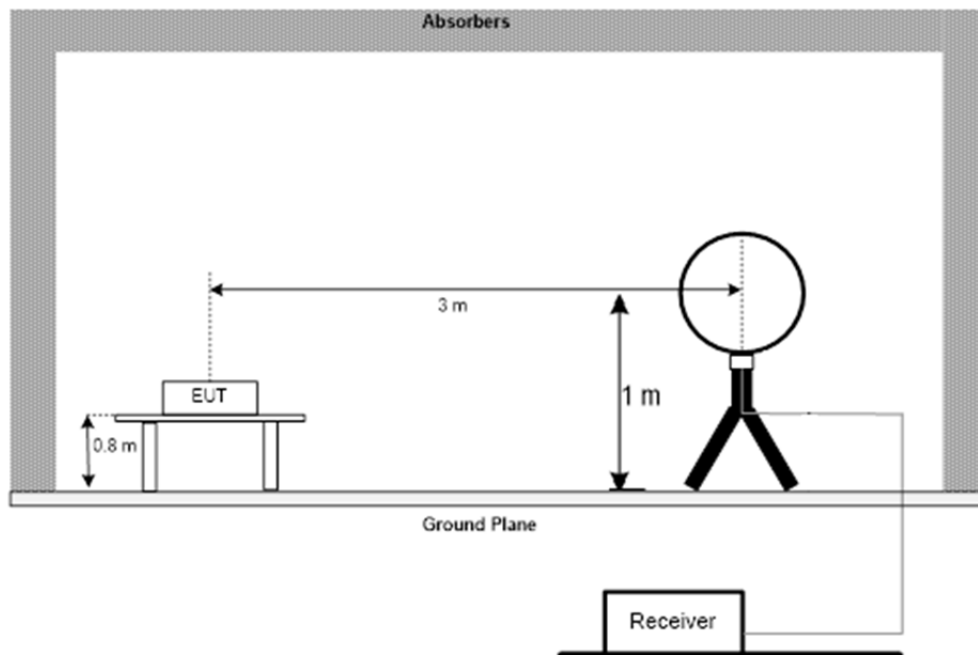
3.2.2 Test Procedure

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	

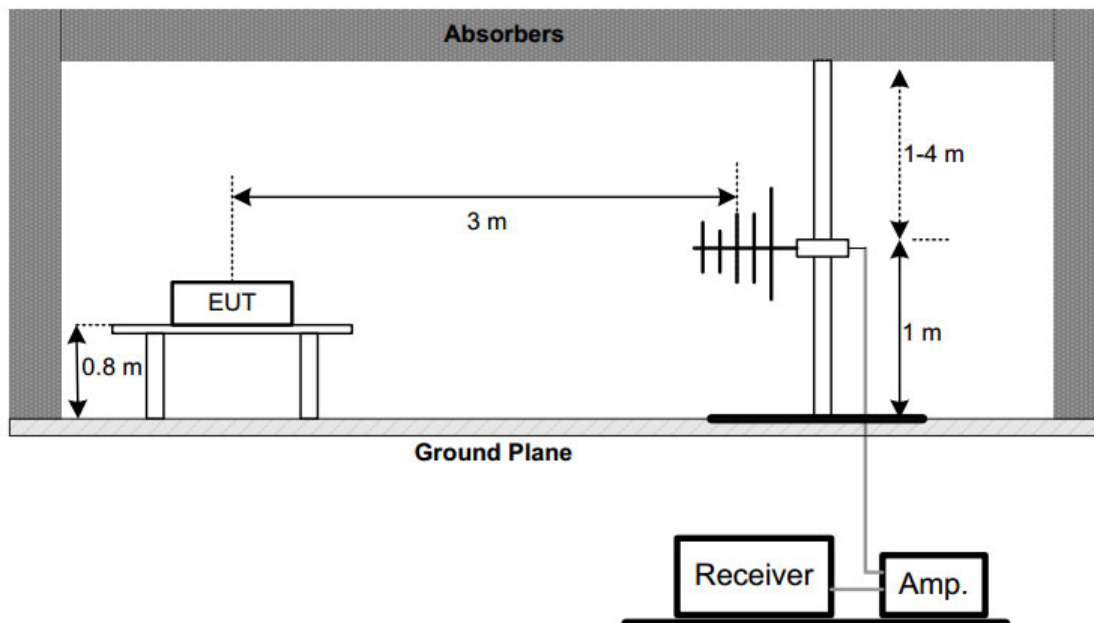
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

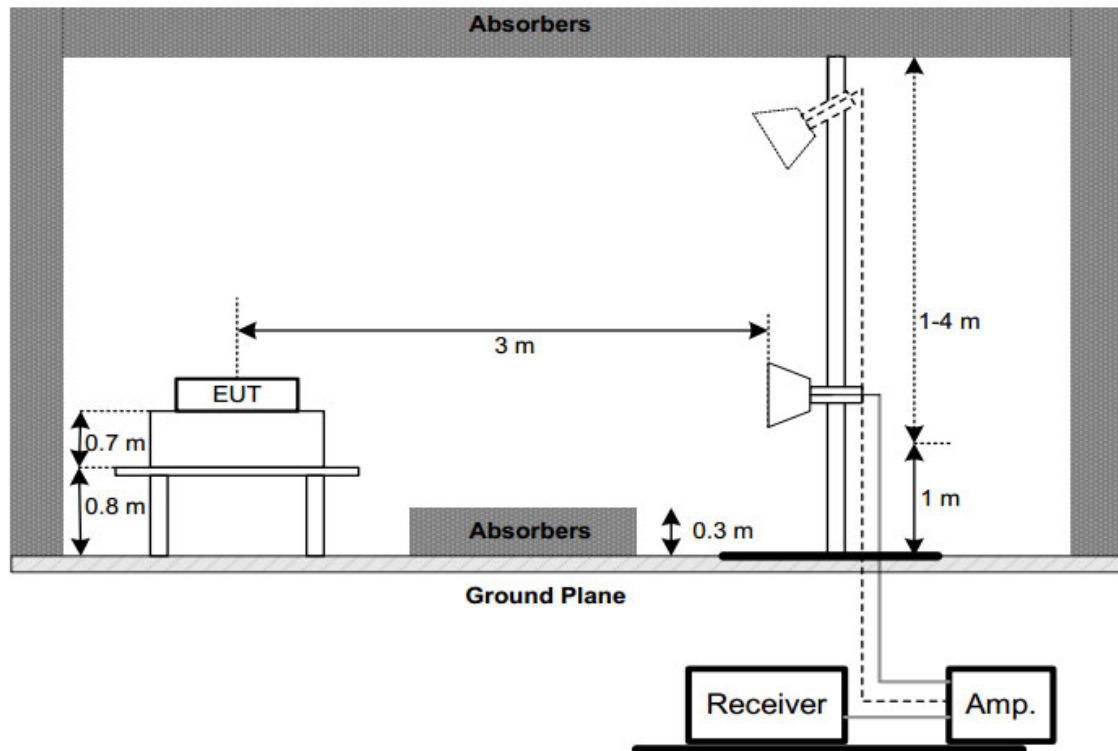
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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

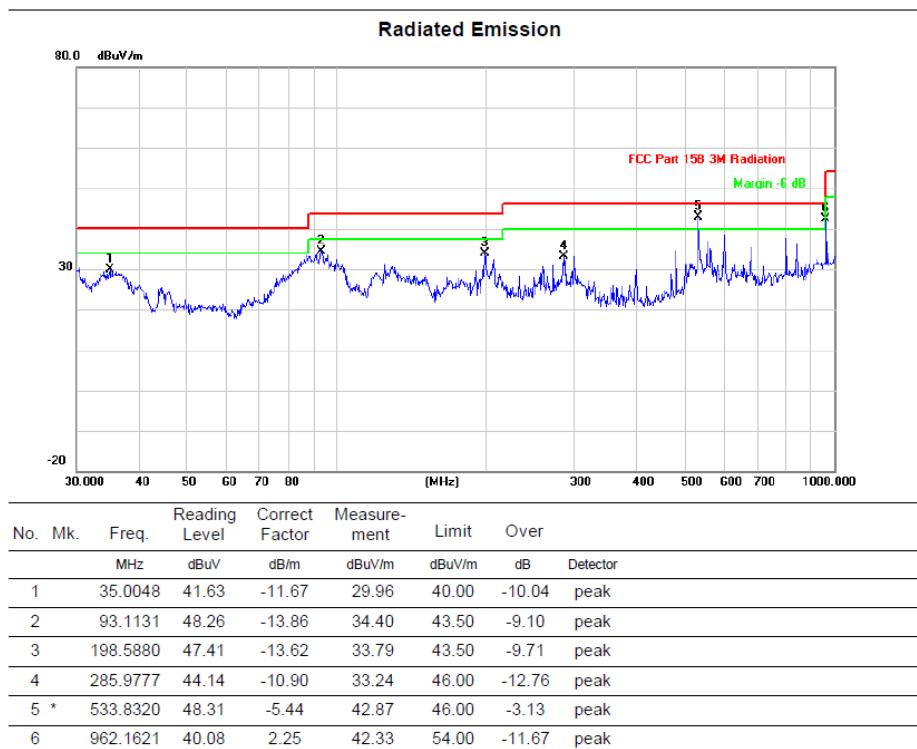
The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

2) Radiated emission: 30MHz-1GHz

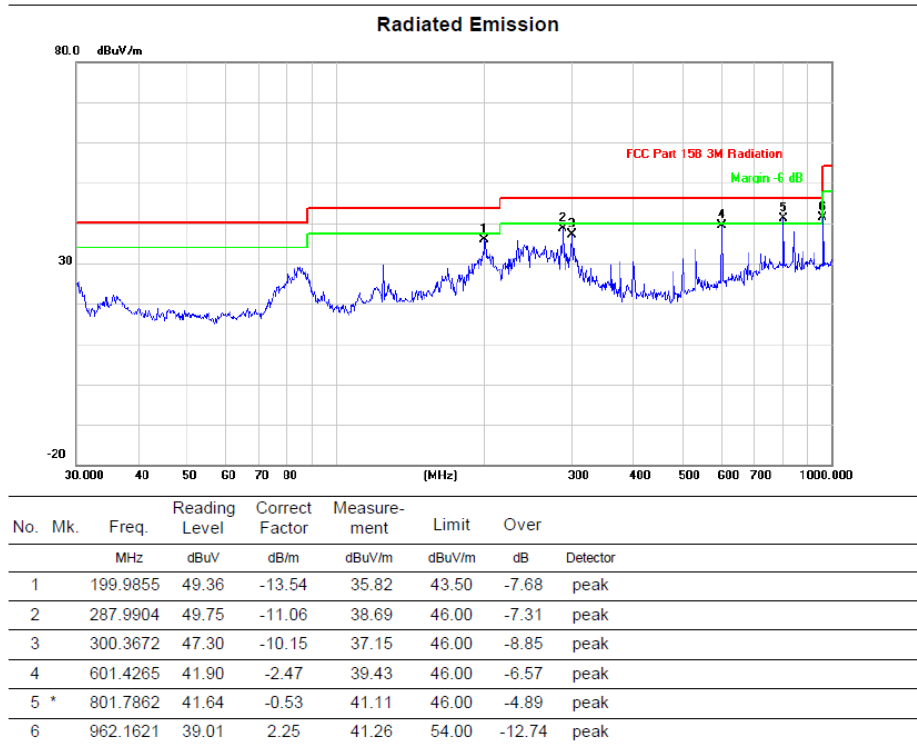
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX 11AC40 Channel 46 is found to be the worst case and recorded.

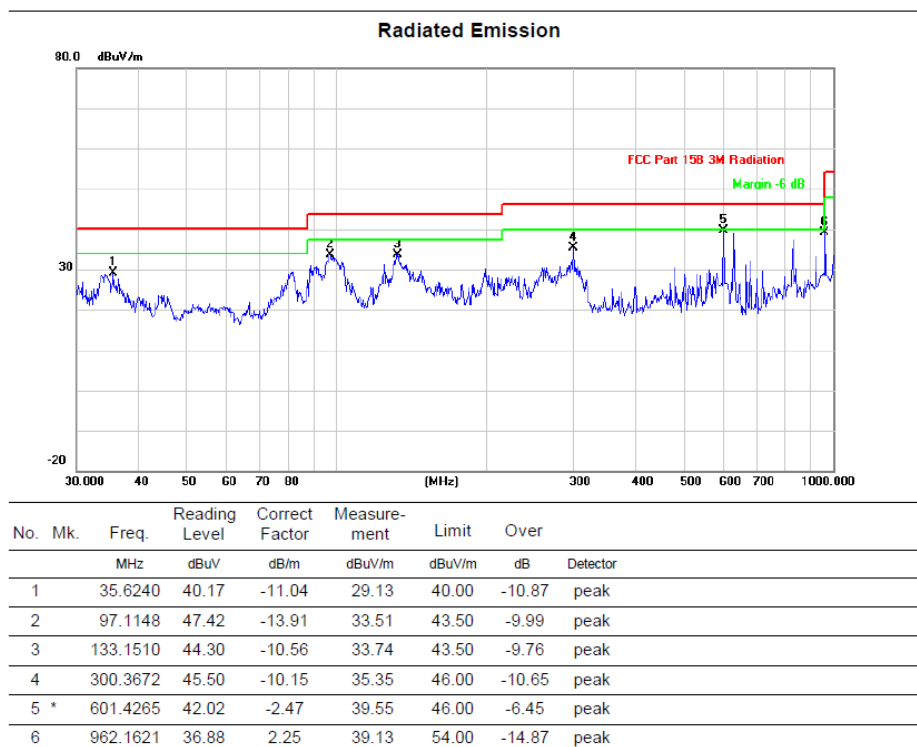
VERTICAL



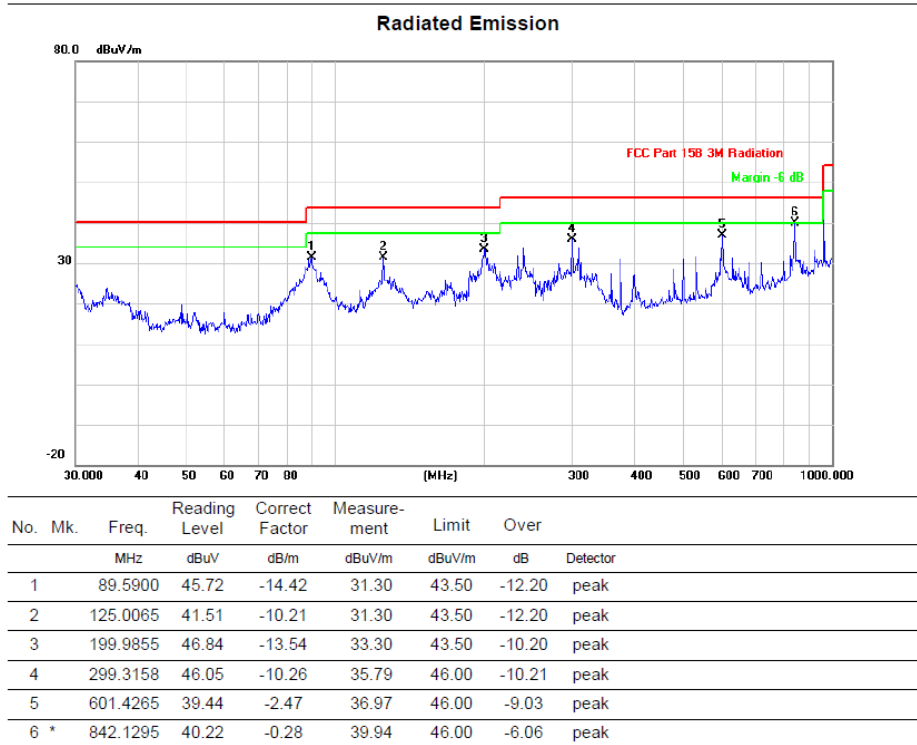
HORIZONTAL



VERTICAL



HORIZONTAL



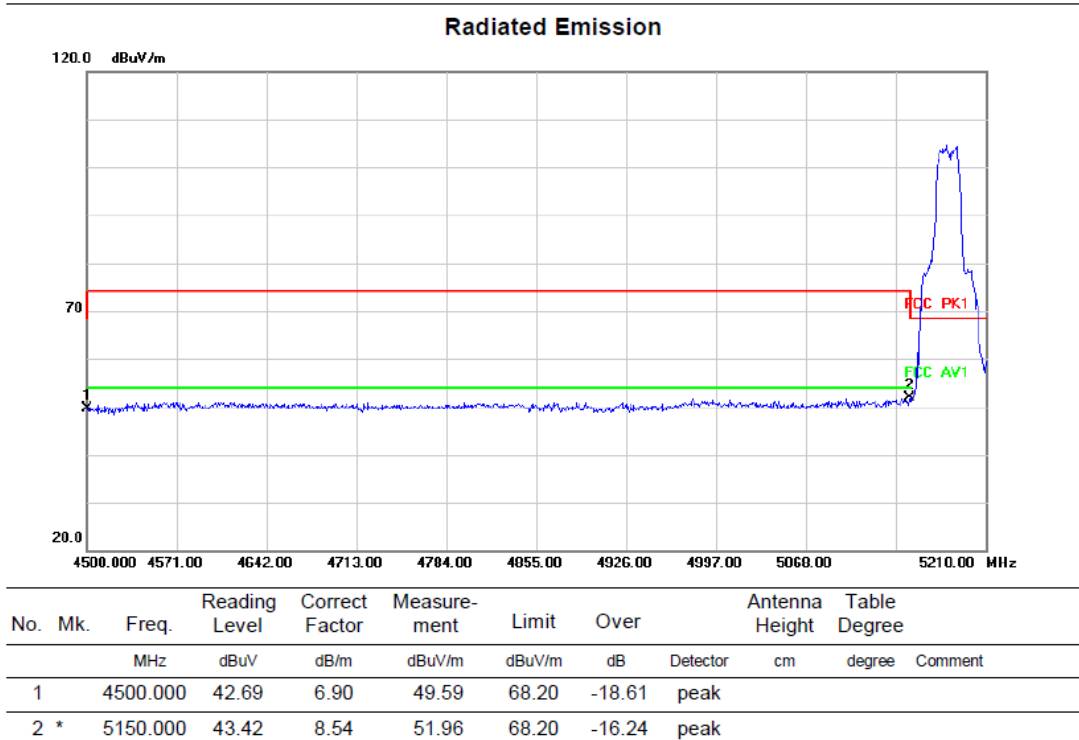
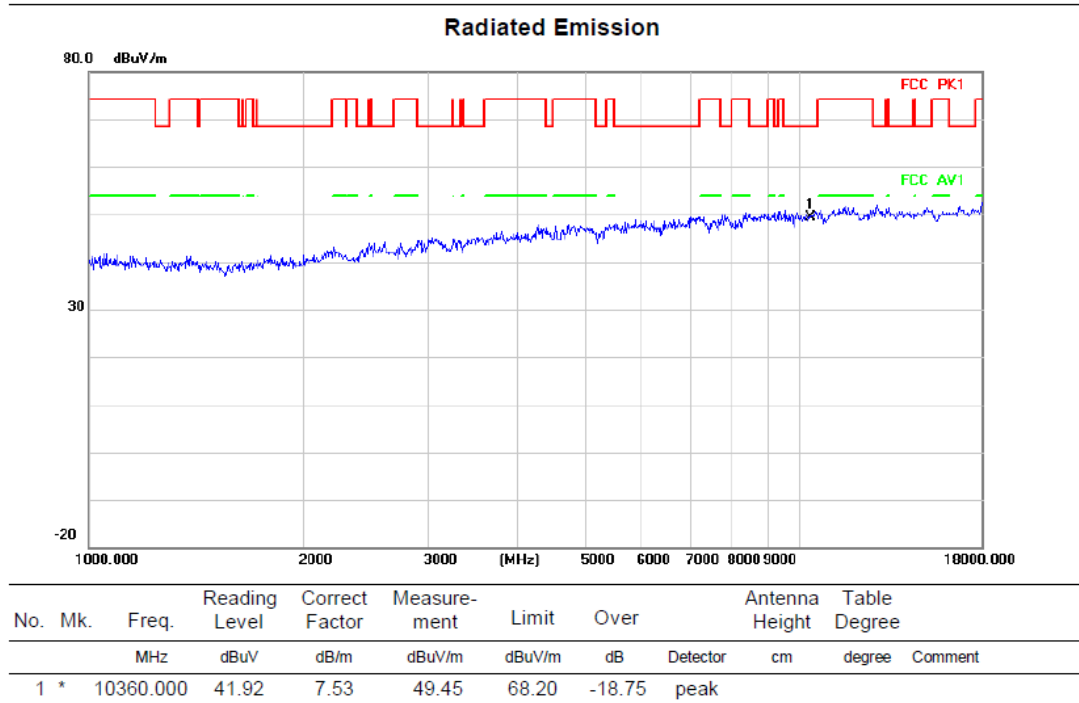
3) Radiated emission: Above 1GHz

Note:

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

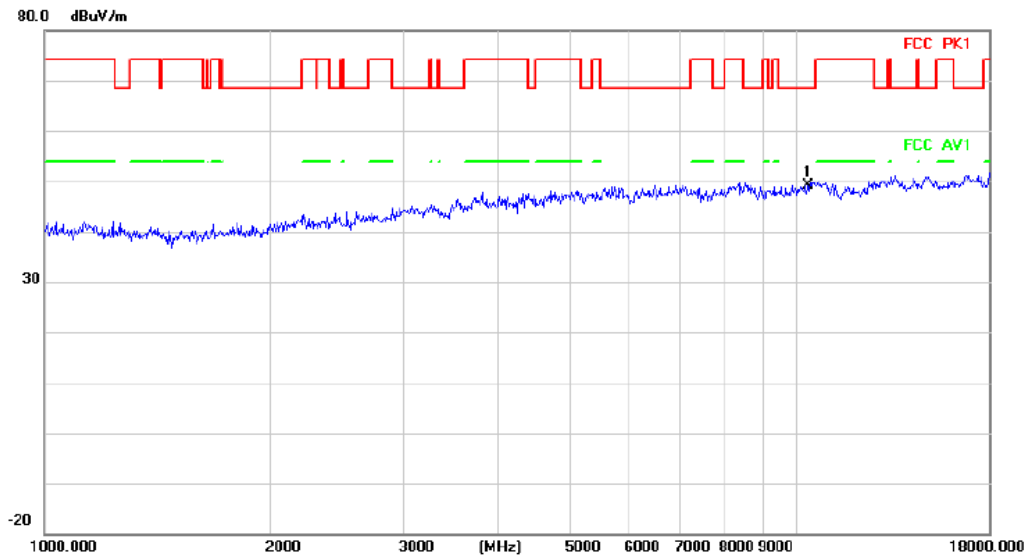
Above 1GHz (1GHz~18GHz)	Test mode:11A	Test Channel:36
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VERTICAL



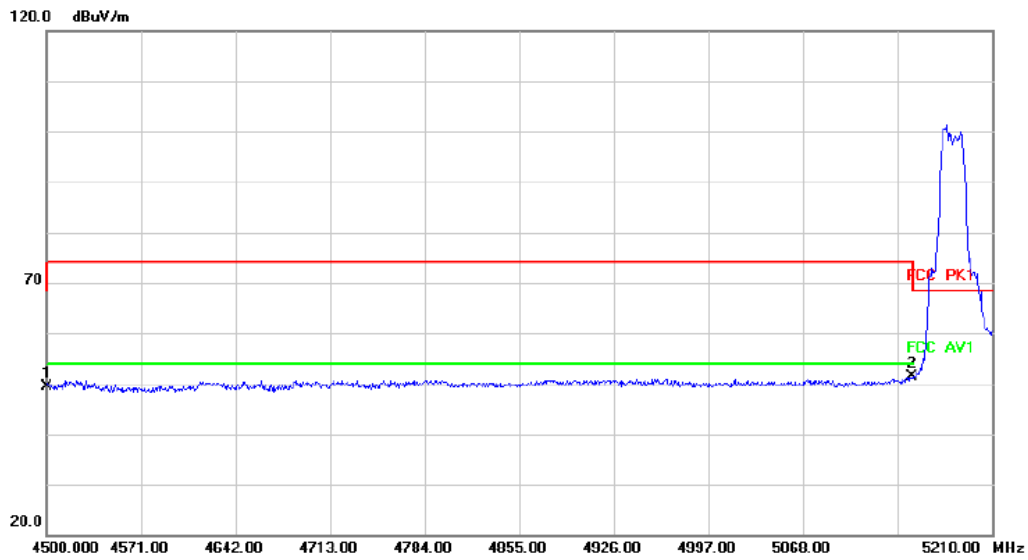
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10360.000	41.57	7.53	49.10	68.20	-19.10	peak	

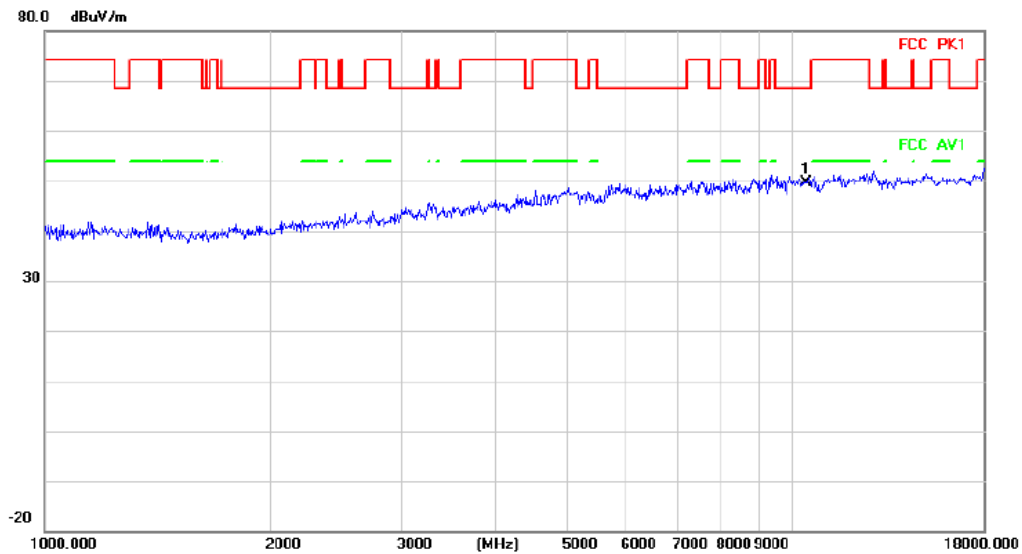
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	42.53	6.90	49.43	68.20	-18.77	peak	
2	*	5150.000	42.92	8.54	51.46	68.20	-16.74	peak	

VERTICAL

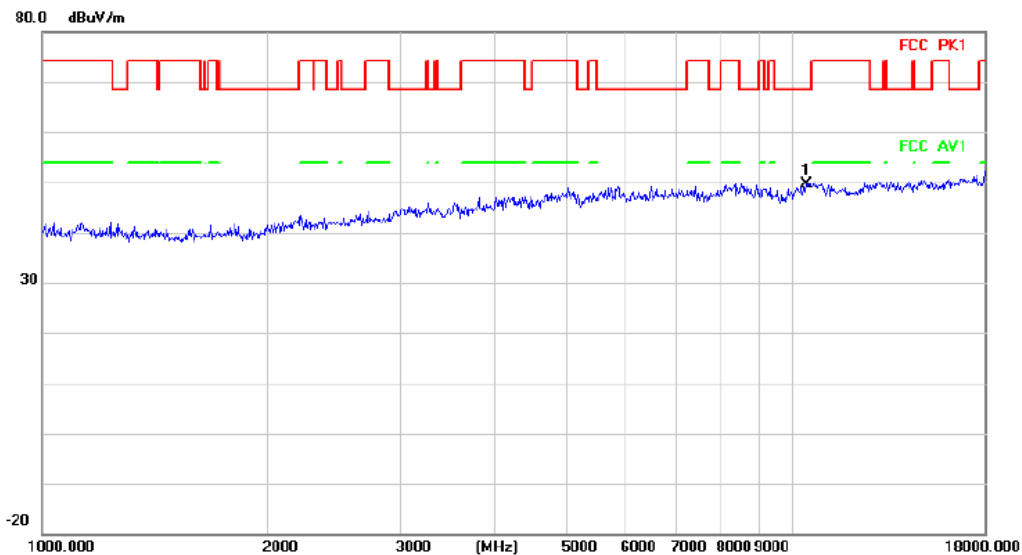
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	42.05	7.69	49.74	68.20	-18.46	peak	

HORIZONTAL

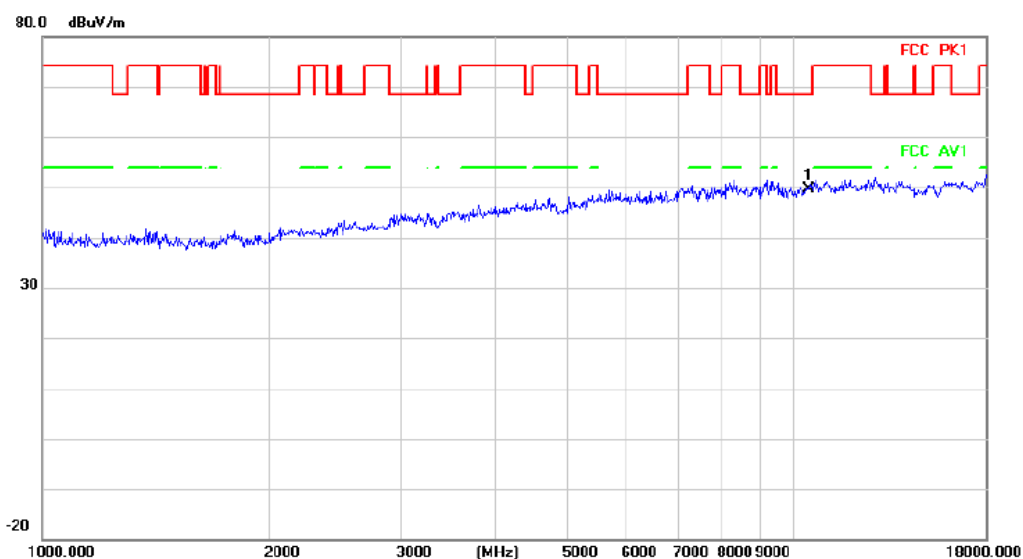
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	41.94	7.69	49.63	68.20	-18.57	peak	

VERTICAL

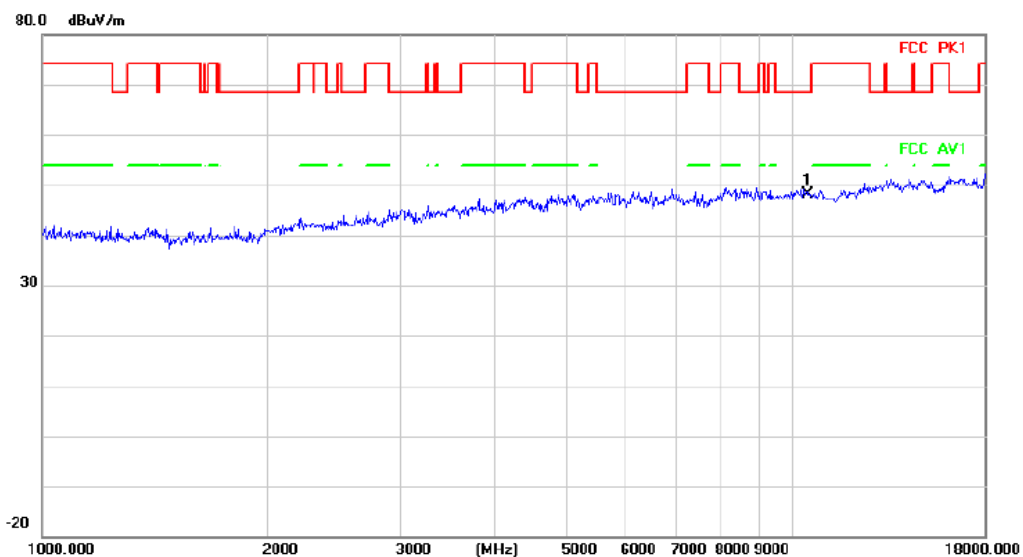
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10480.000	41.72	7.94	49.66	68.20	-18.54	peak	

HORIZONTAL

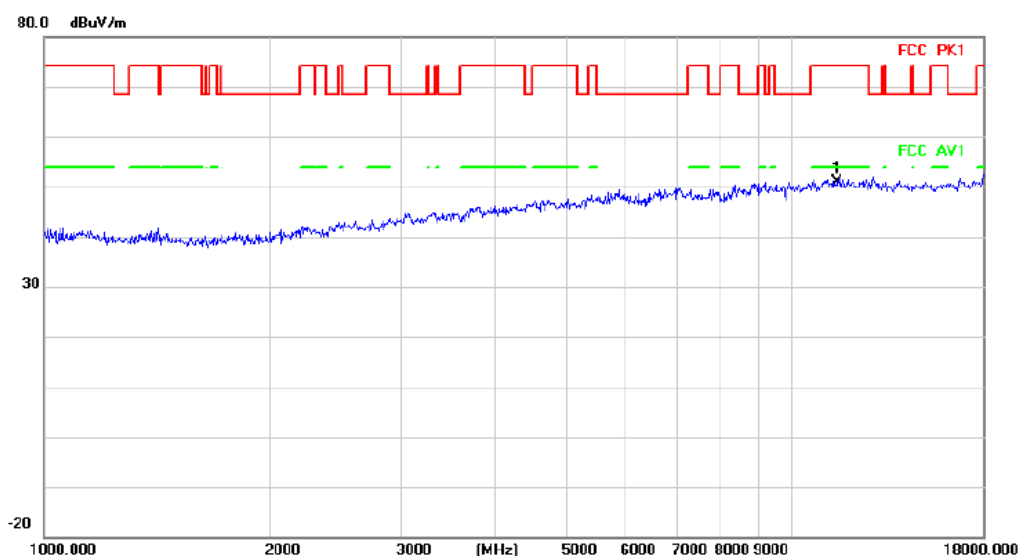
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10480.000	40.24	7.94	48.18	68.20	-20.02	peak	

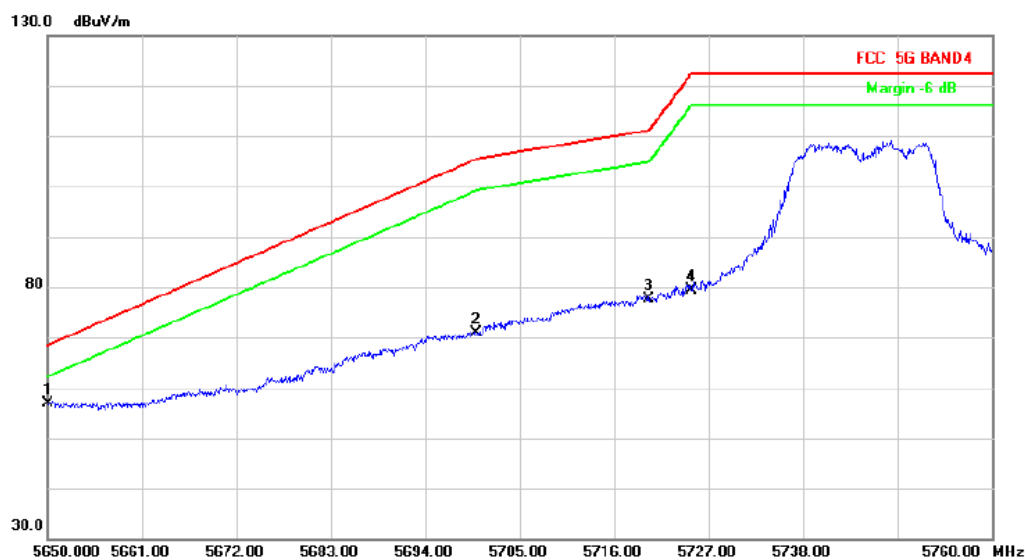
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	42.58	8.26	50.84	74.00	-23.16	peak	

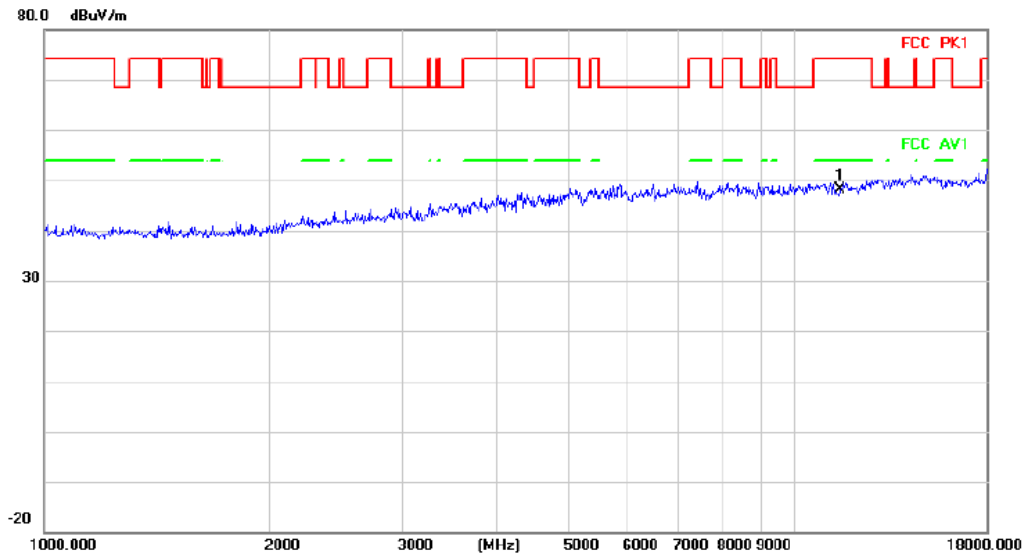
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	48.55	8.22	56.77	68.20	-11.43	peak	
2		5700.000	62.42	8.50	70.92	105.20	-34.28	peak	
3		5720.000	69.38	8.32	77.70	110.80	-33.10	peak	
4		5725.000	71.09	8.28	79.37	122.20	-42.83	peak	

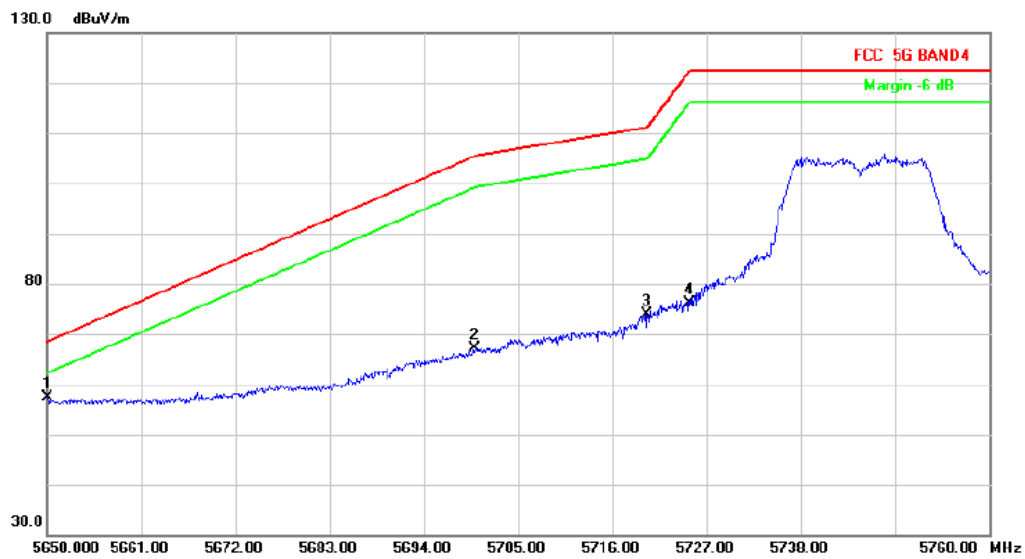
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	39.81	8.26	48.07	74.00	-25.93	peak	

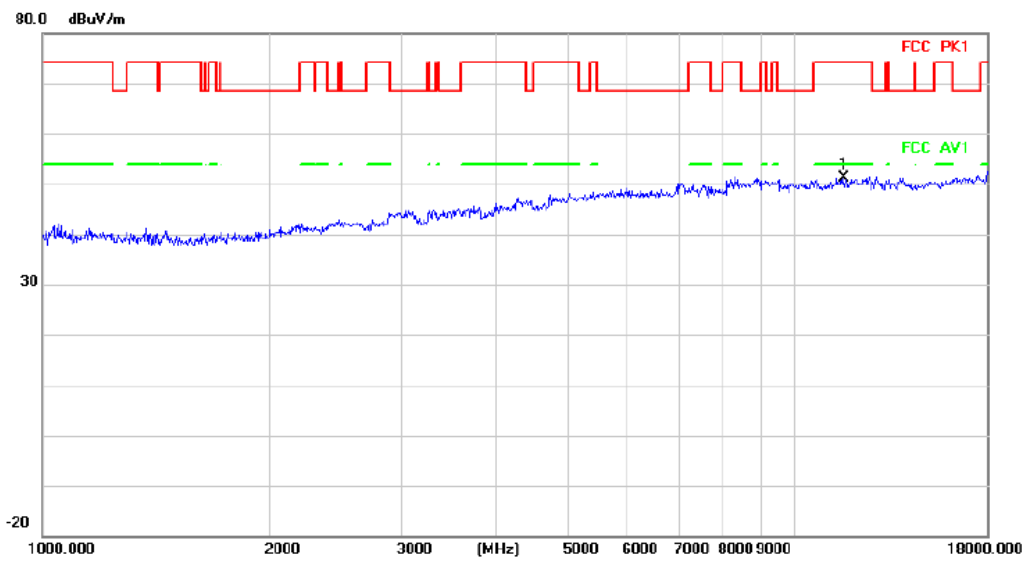
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	49.06	8.22	57.28	68.20	-10.92	peak	
2		5700.000	58.73	8.50	67.23	105.20	-37.97	peak	
3		5720.000	65.54	8.32	73.86	110.80	-36.94	peak	
4		5725.000	67.89	8.28	76.17	122.20	-46.03	peak	

VERTICAL

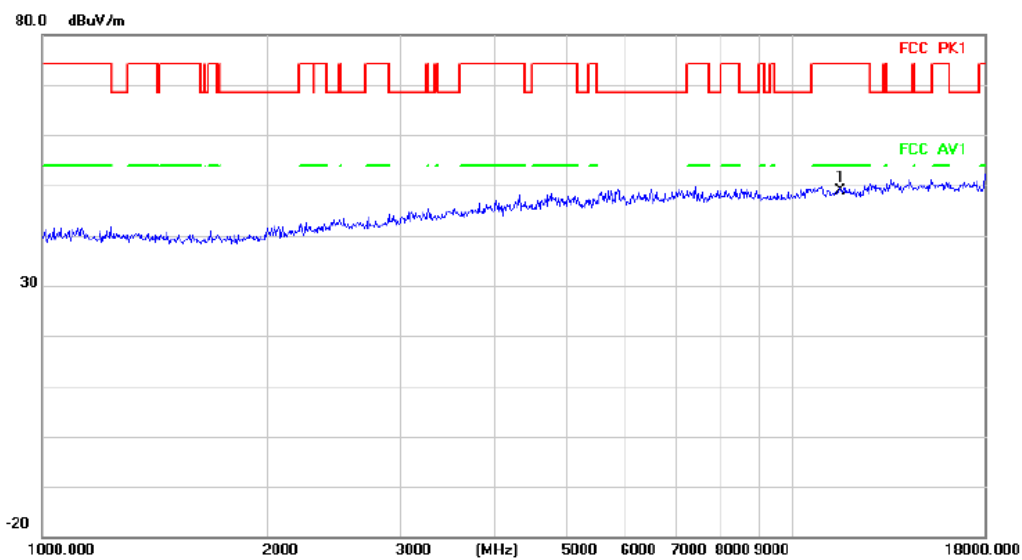
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	43.07	8.09	51.16	74.00	-22.84	peak		

HORIZONTAL

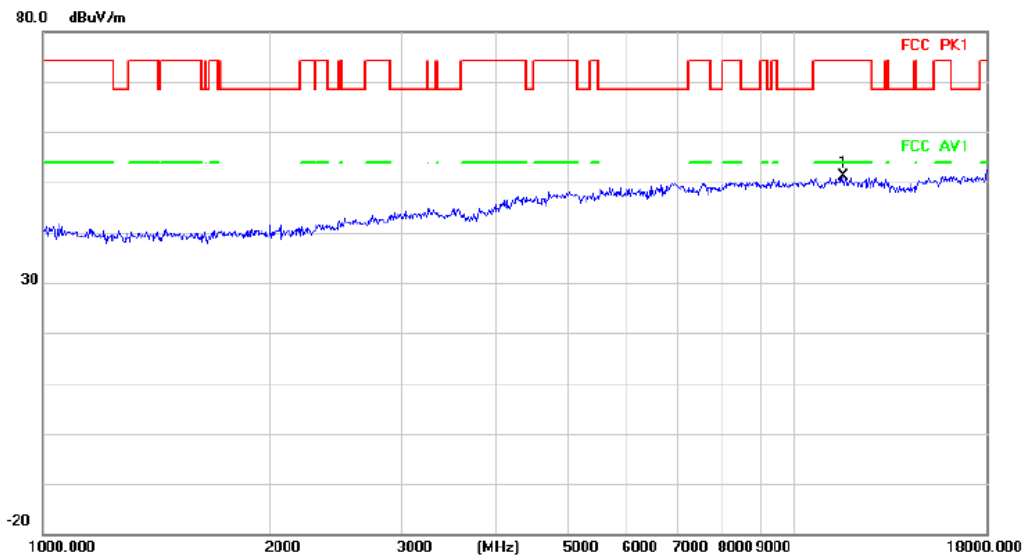
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	40.69	8.09	48.78	74.00	-25.22	peak		

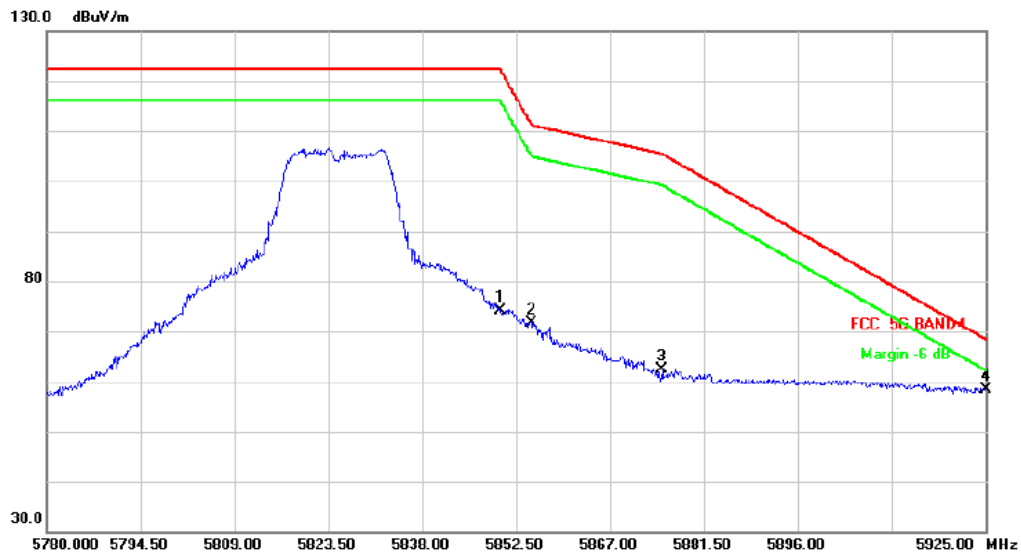
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11650.000	43.24	7.92	51.16	74.00	-22.84	peak		

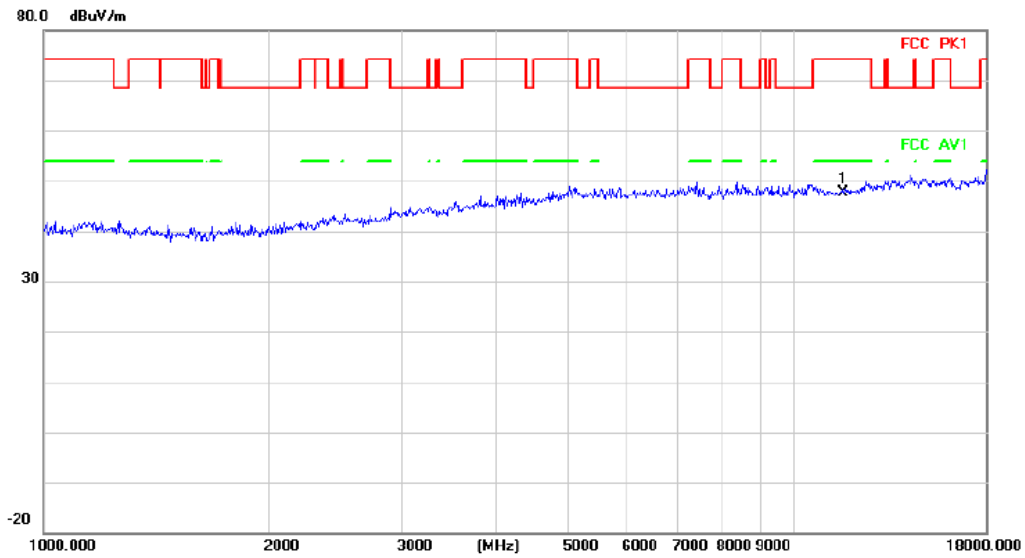
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	64.75	9.29	74.04	122.20	-48.16	peak		
2		5855.000	62.38	9.22	71.60	110.80	-39.20	peak		
3		5875.000	53.36	8.96	62.32	105.20	-42.88	peak		
4	*	5925.000	49.39	8.96	58.35	68.20	-9.85	peak		

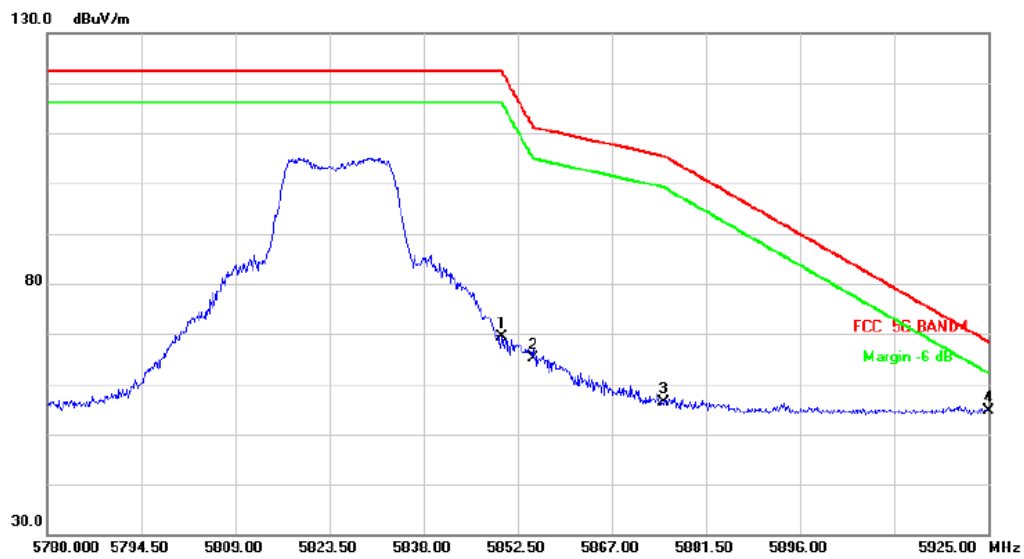
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11650.000	39.62	7.92	47.54	74.00	-26.46	peak		

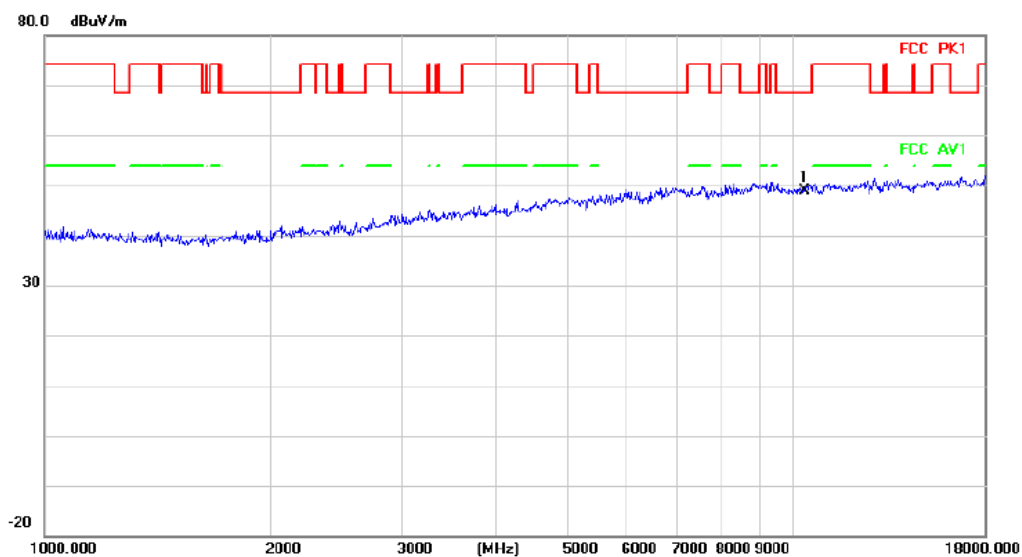
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	60.15	9.29	69.44	122.20	-52.76	peak		
2		5855.000	55.98	9.22	65.20	110.80	-45.60	peak		
3		5875.000	47.37	8.96	56.33	105.20	-48.87	peak		
4	*	5925.000	45.61	8.96	54.57	68.20	-13.63	peak		

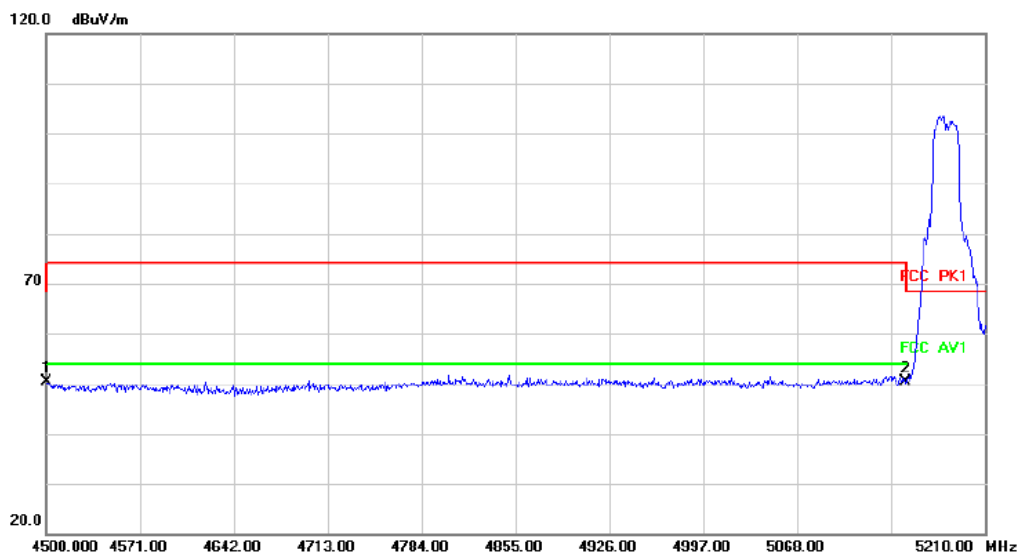
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.000	41.42	7.53	48.95	68.20	-19.25	peak		

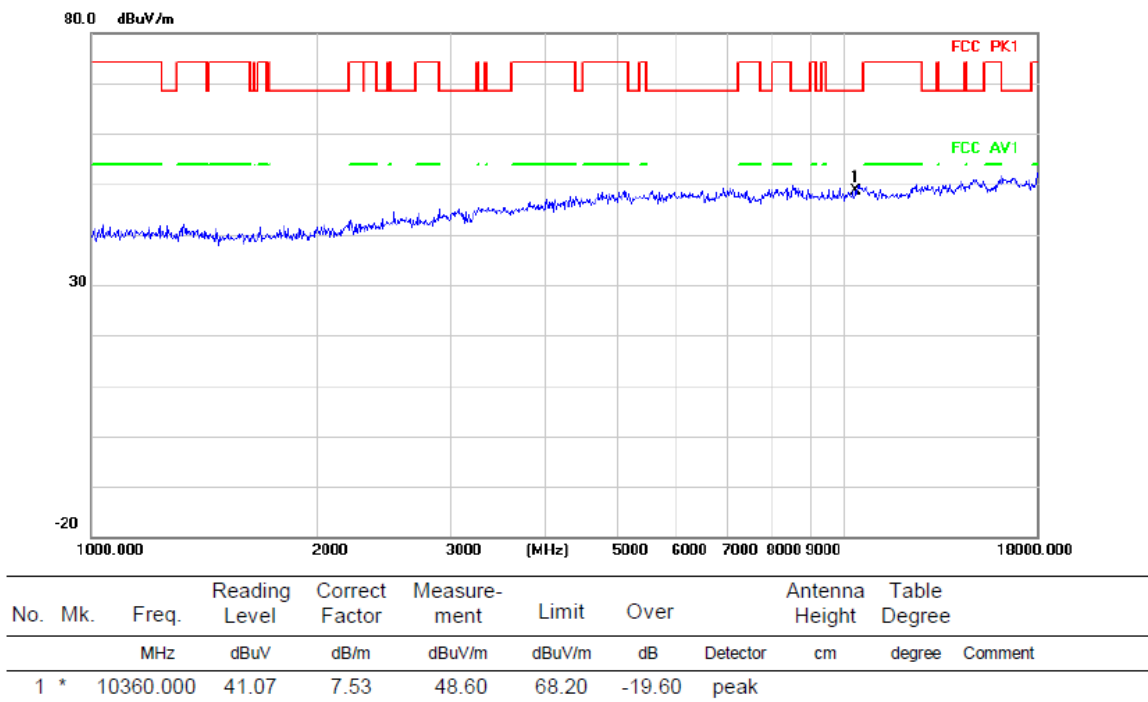
Radiated Emission



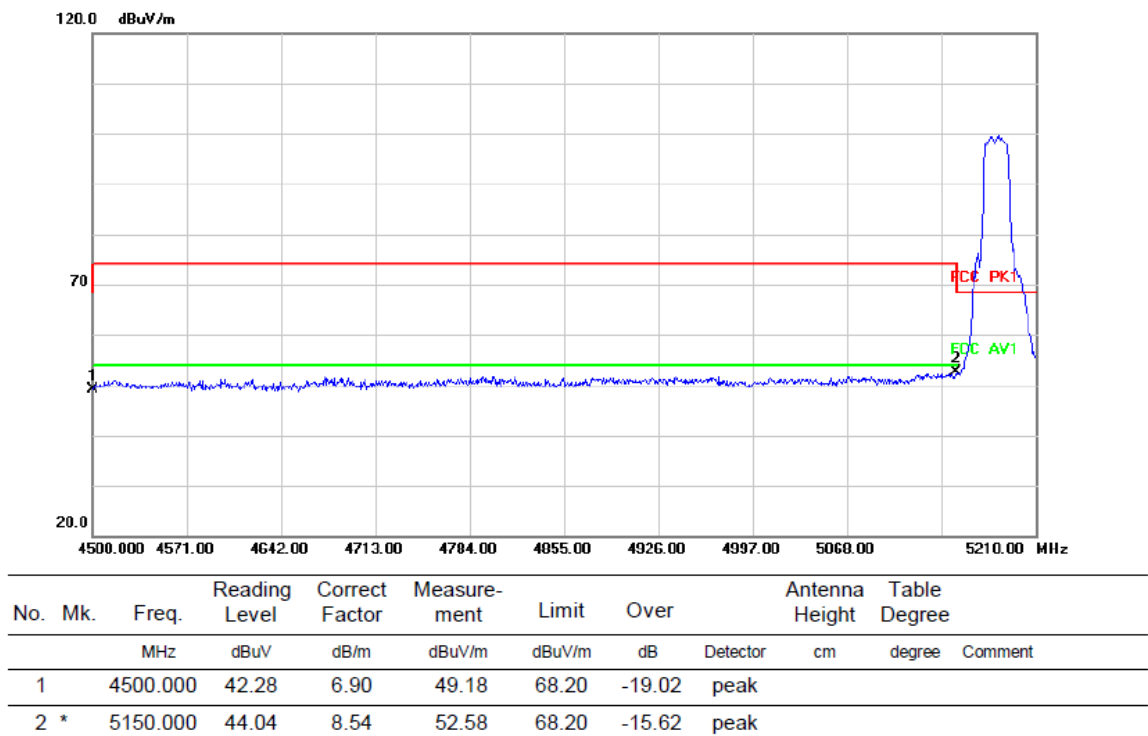
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4500.000	43.41	6.90	50.31	68.20	-17.89	peak		
2		5150.000	41.72	8.54	50.26	68.20	-17.94	peak		

HORIZONTAL

Radiated Emission

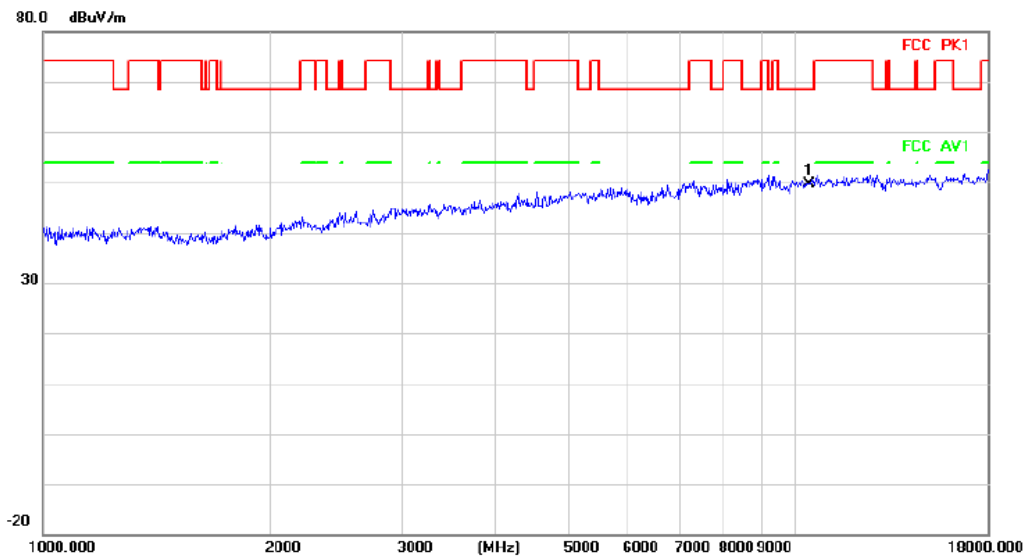


Radiated Emission



VERTICAL

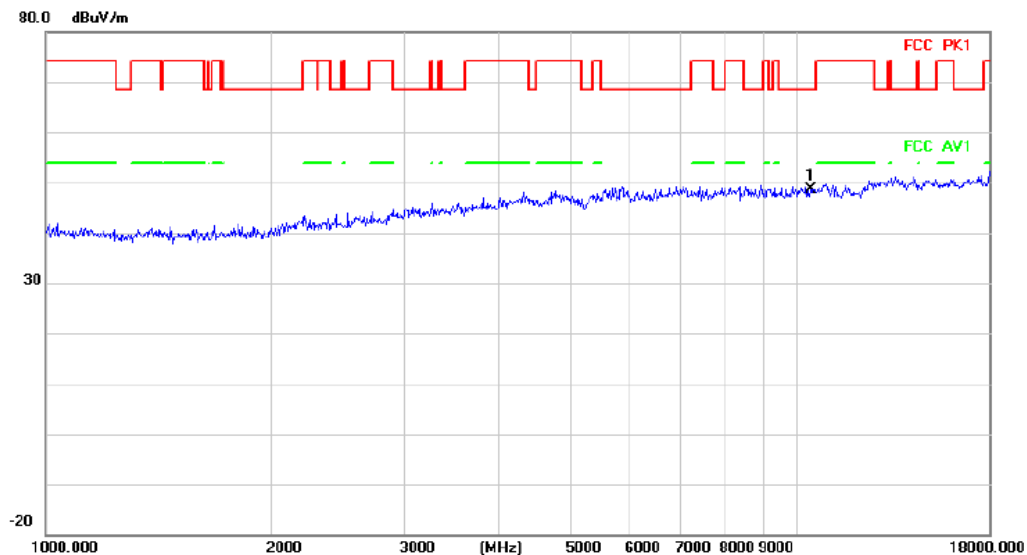
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	42.05	7.69	49.74	68.20	-18.46	peak	

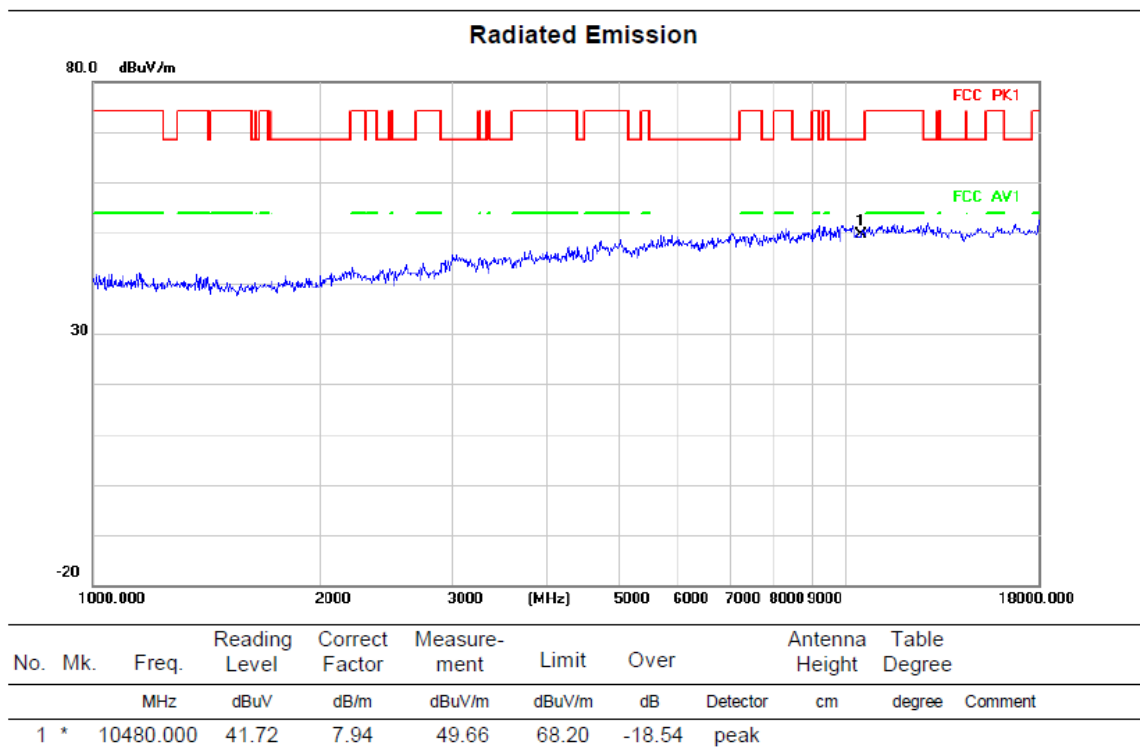
HORIZONTAL

Radiated Emission

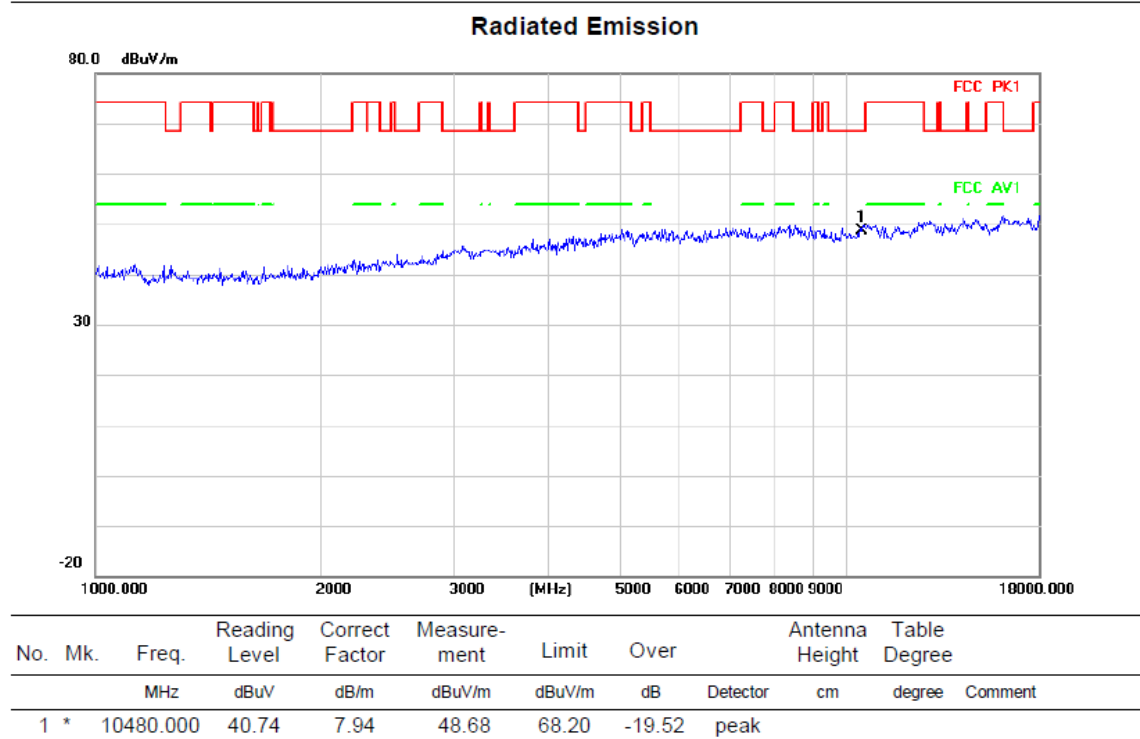


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	40.94	7.69	48.63	68.20	-19.57	peak	

VERTICAL

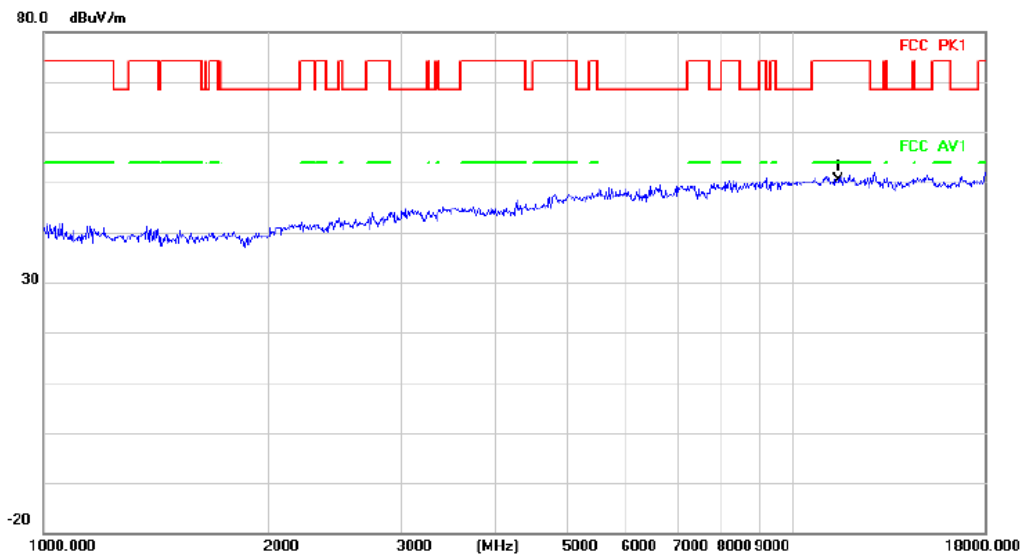


HORIZONTAL



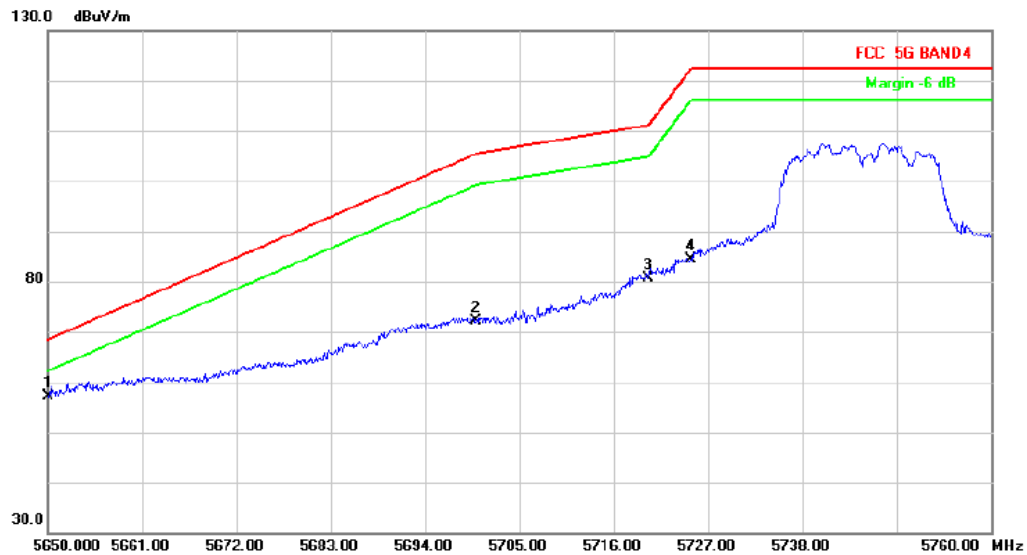
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	42.08	8.26	50.34	74.00	-23.66	peak	

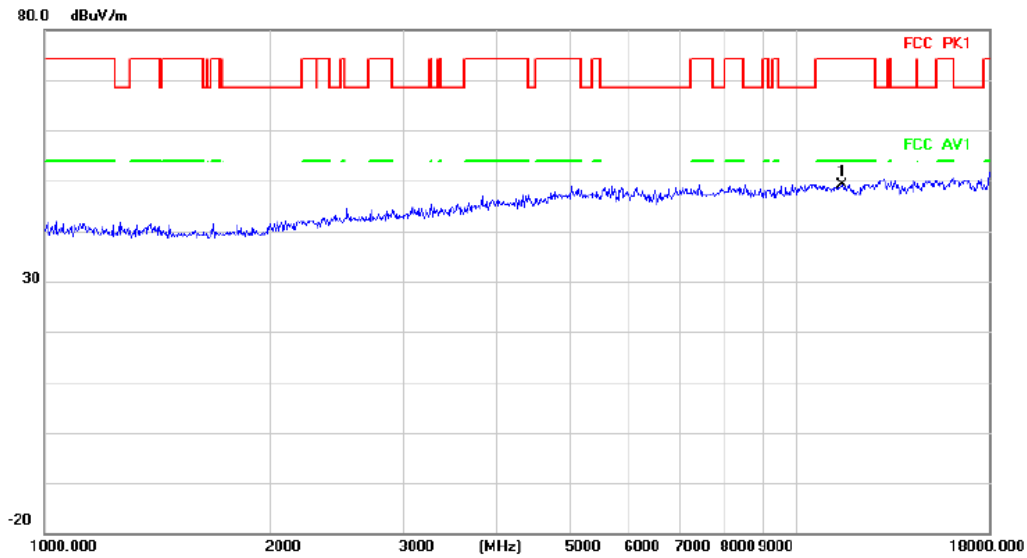
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	48.84	8.22	57.06	68.20	-11.14	peak	
2		5700.000	63.55	8.50	72.05	105.20	-33.15	peak	
3		5720.000	72.34	8.32	80.66	110.80	-30.14	peak	
4		5725.000	76.22	8.28	84.50	122.20	-37.70	peak	

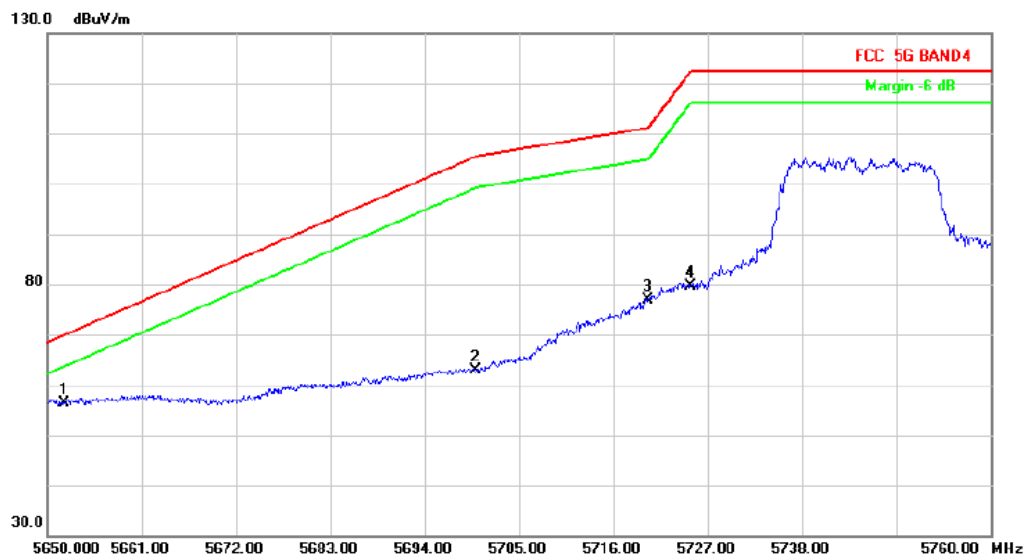
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	40.81	8.26	49.07	74.00	-24.93	peak	

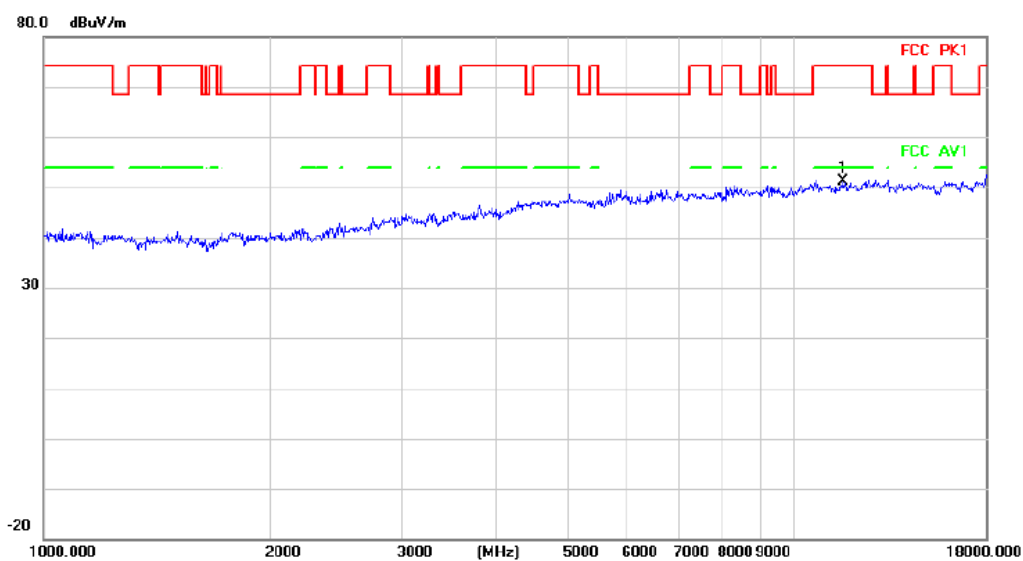
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5652.000	48.23	8.23	56.46	69.69	-13.23	peak	
2		5700.000	54.39	8.50	62.89	105.20	-42.31	peak	
3		5720.000	68.45	8.32	76.77	110.80	-34.03	peak	
4		5725.000	71.35	8.28	79.63	122.20	-42.57	peak	

VERTICAL

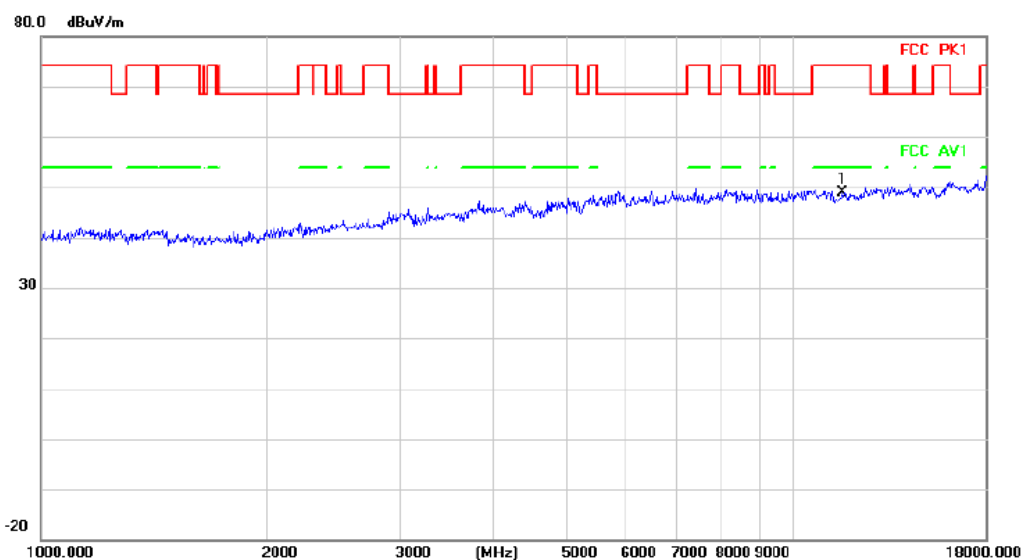
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	43.07	8.09	51.16	74.00	-22.84	peak		

HORIZONTAL

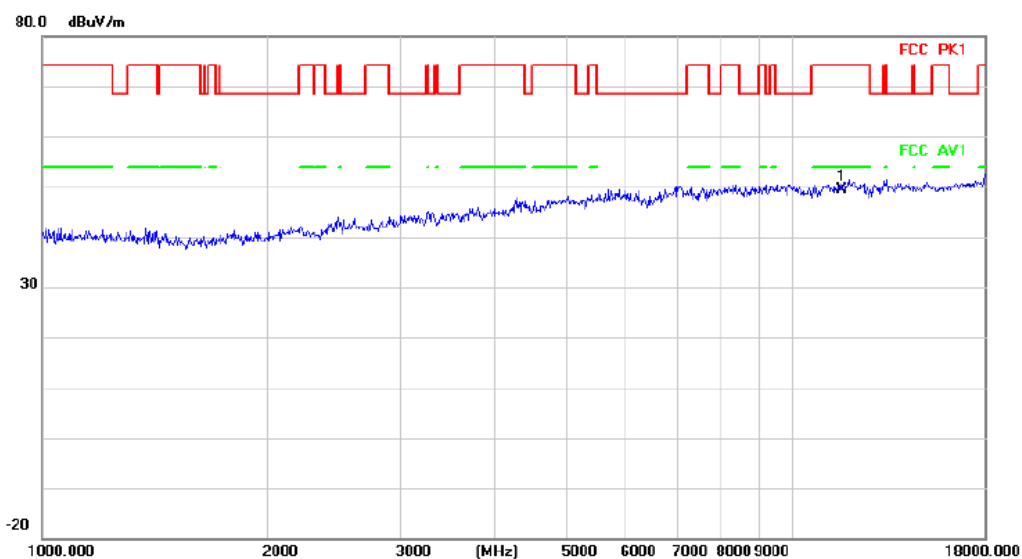
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	40.69	8.09	48.78	74.00	-25.22	peak		

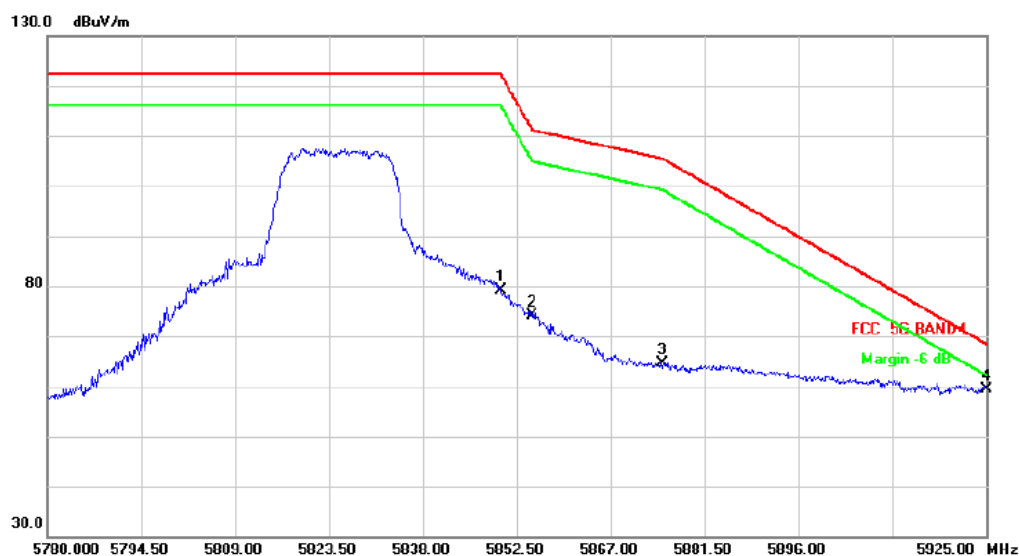
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11650.000	41.46	7.92	49.38	74.00	-24.62	peak	

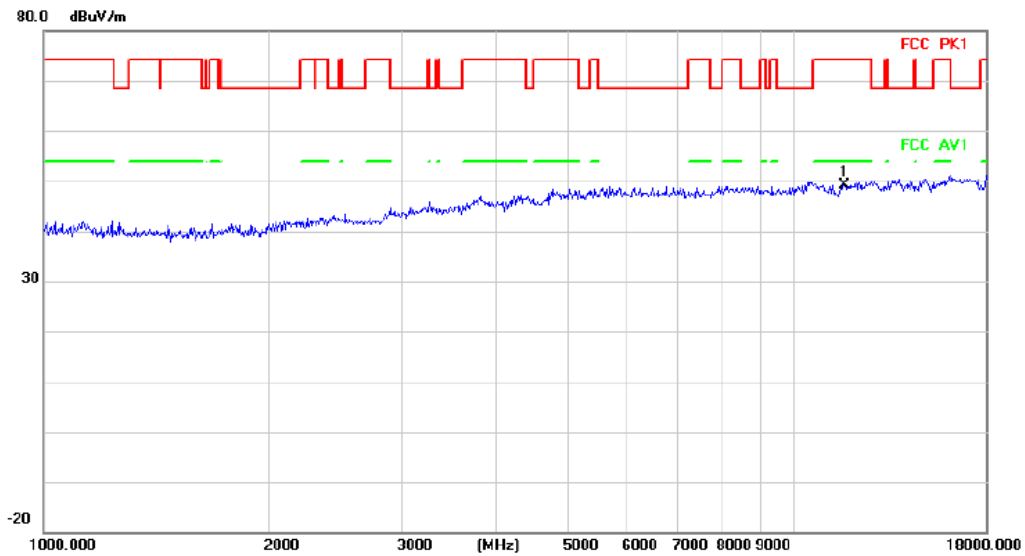
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	69.77	9.29	79.06	122.20	-43.14	peak	
2		5855.000	64.91	9.22	74.13	110.80	-36.67	peak	
3		5875.000	55.63	8.96	64.59	105.20	-40.61	peak	
4	*	5925.000	50.42	8.96	59.38	68.20	-8.82	peak	

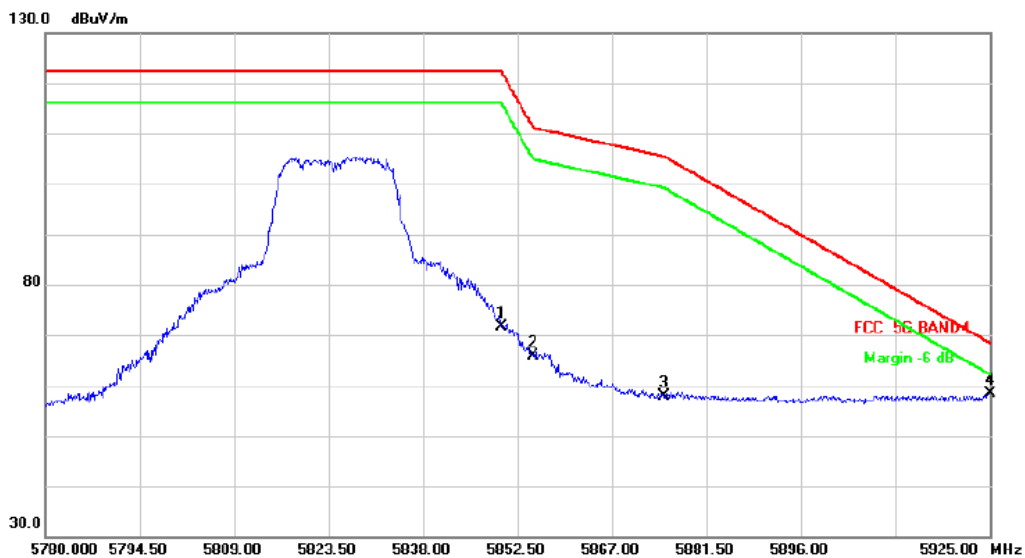
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	41.12	7.92	49.04	74.00	-24.96	peak			

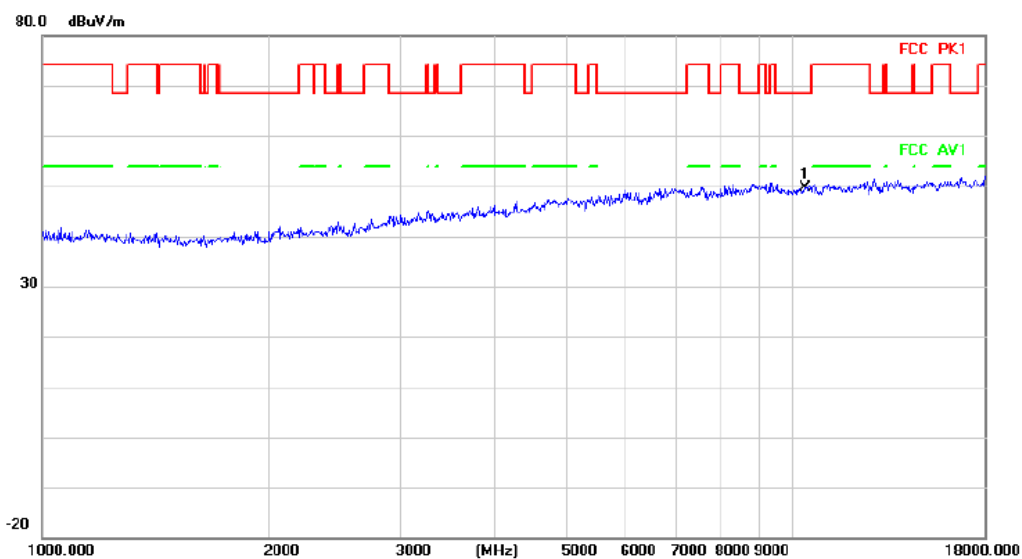
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	62.46	9.29	71.75	122.20	-50.45	peak			
2		5855.000	56.77	9.22	65.99	110.80	-44.81	peak			
3		5875.000	48.95	8.96	57.91	105.20	-47.29	peak			
4	*	5925.000	49.50	8.96	58.46	68.20	-9.74	peak			

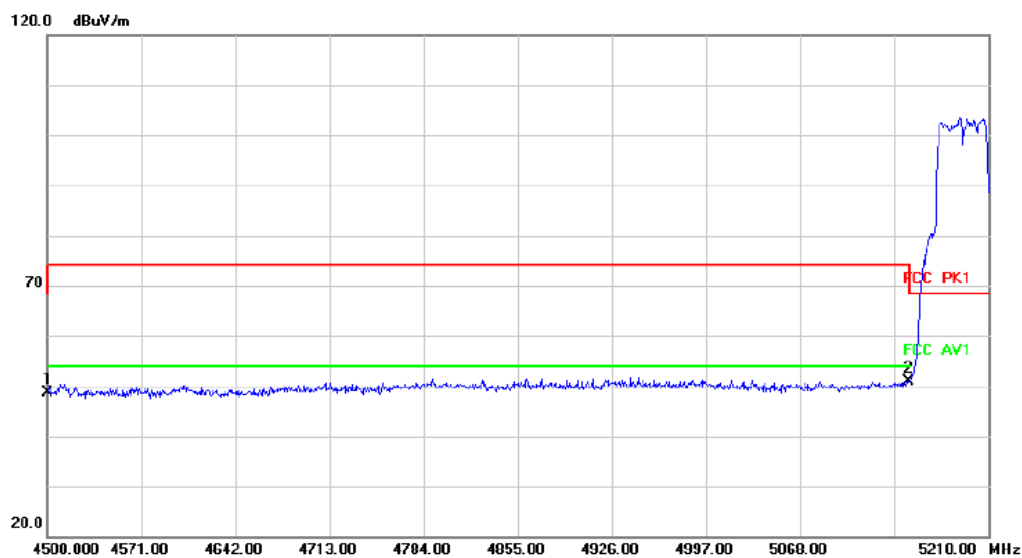
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.000	41.90	7.61	49.51	68.20	-18.69	peak		

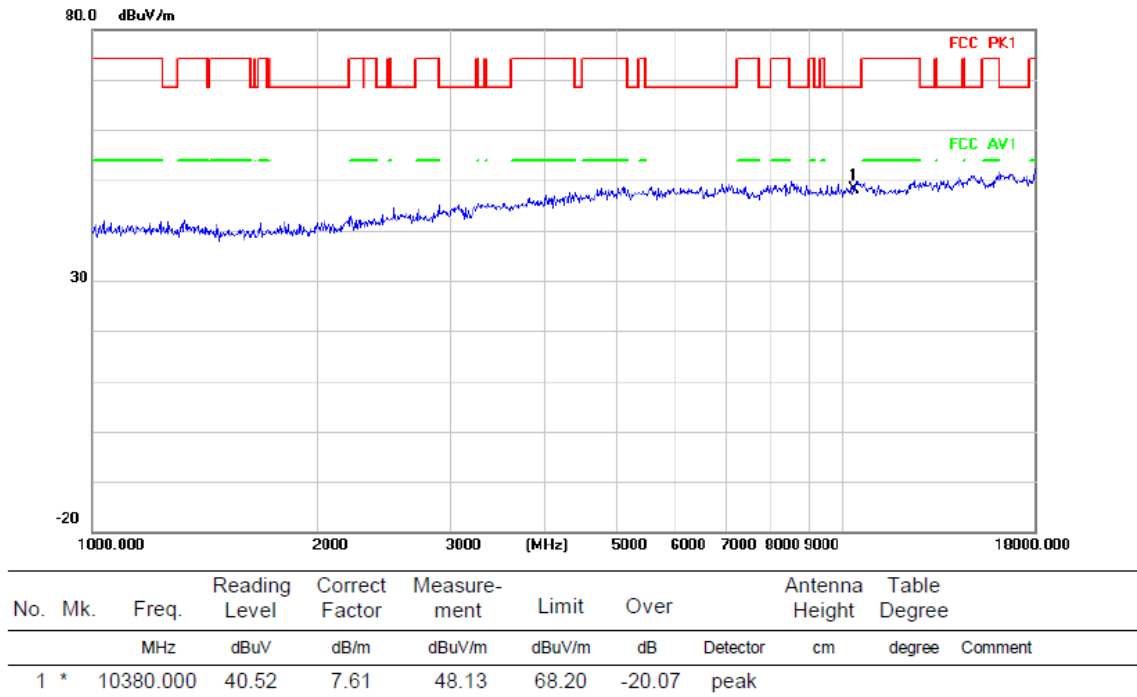
Radiated Emission



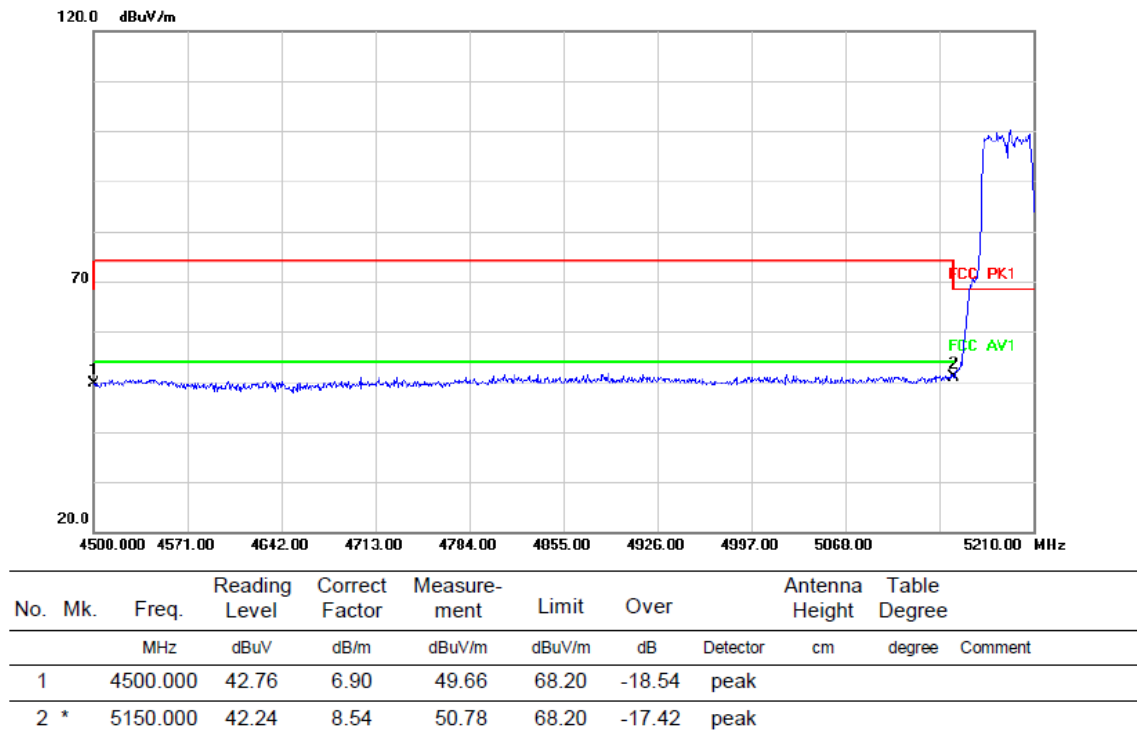
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	41.61	6.90	48.51	68.20	-19.69	peak		
2	*	5150.000	42.43	8.54	50.97	68.20	-17.23	peak		

HORIZONTAL

Radiated Emission

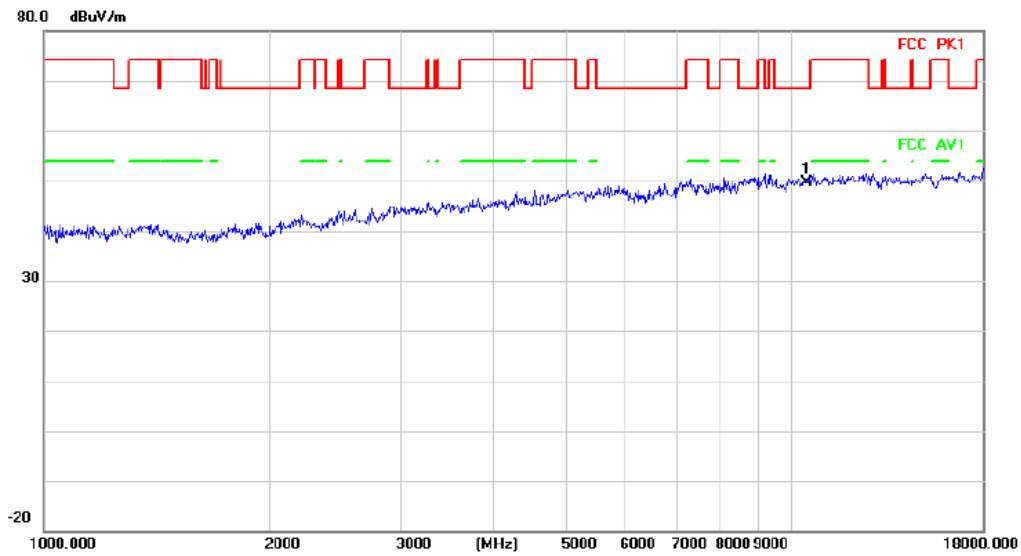


Radiated Emission



VERTICAL

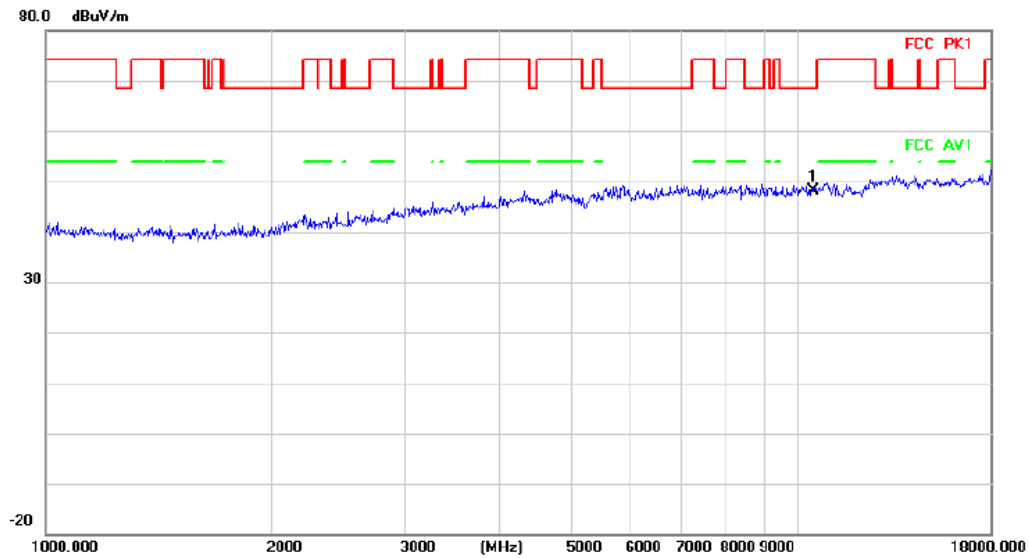
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10460.000	41.78	7.88	49.66	68.20	-18.54	peak	

HORIZONTAL

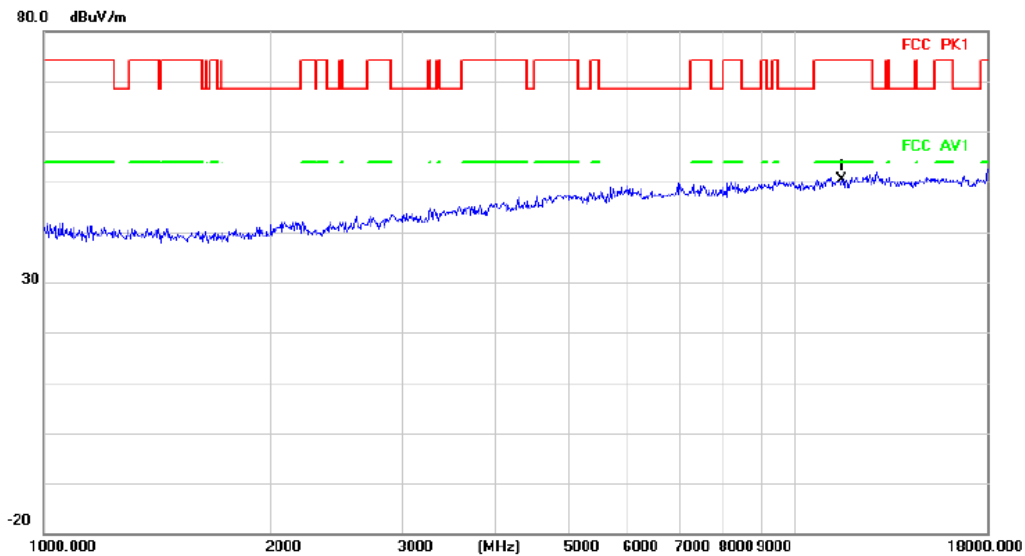
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10460.000	40.30	7.88	48.18	68.20	-20.02	peak	

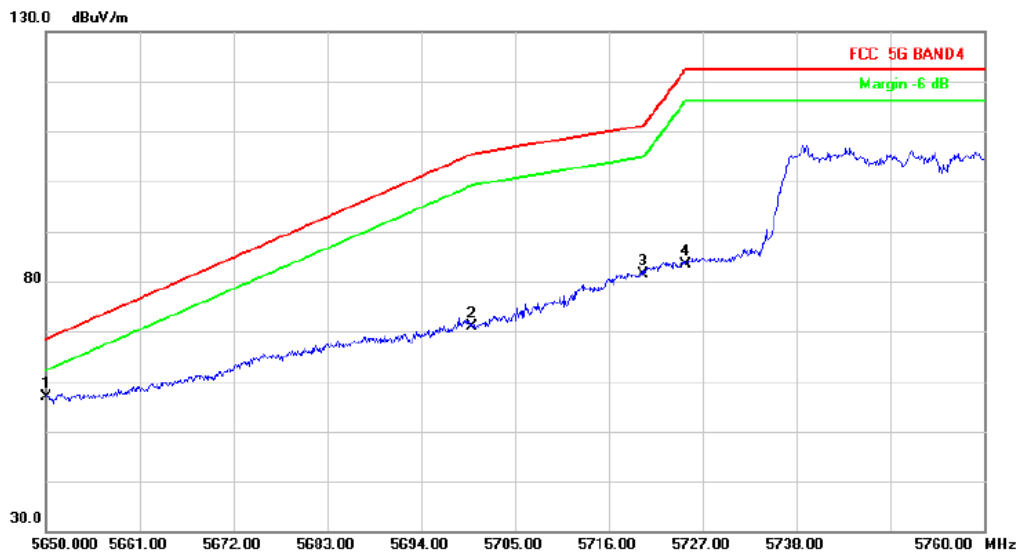
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11510.000	42.10	8.26	50.36	74.00	-23.64	peak		

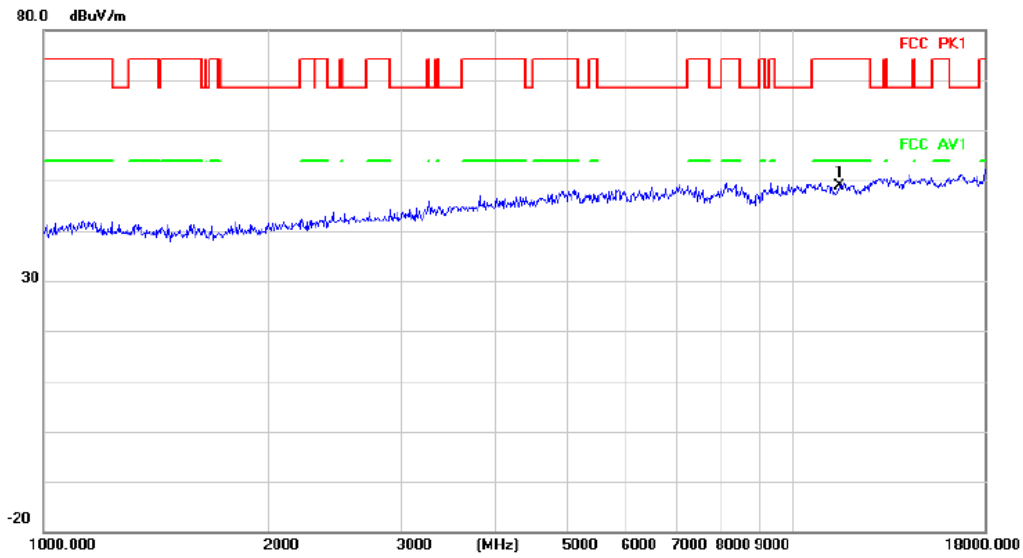
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5650.000	48.60	8.22	56.82	68.20	-11.38	peak		
2		5700.000	62.32	8.50	70.82	105.20	-34.38	peak		
3		5720.000	73.07	8.32	81.39	110.80	-29.41	peak		
4		5725.000	75.11	8.28	83.39	122.20	-38.81	peak		

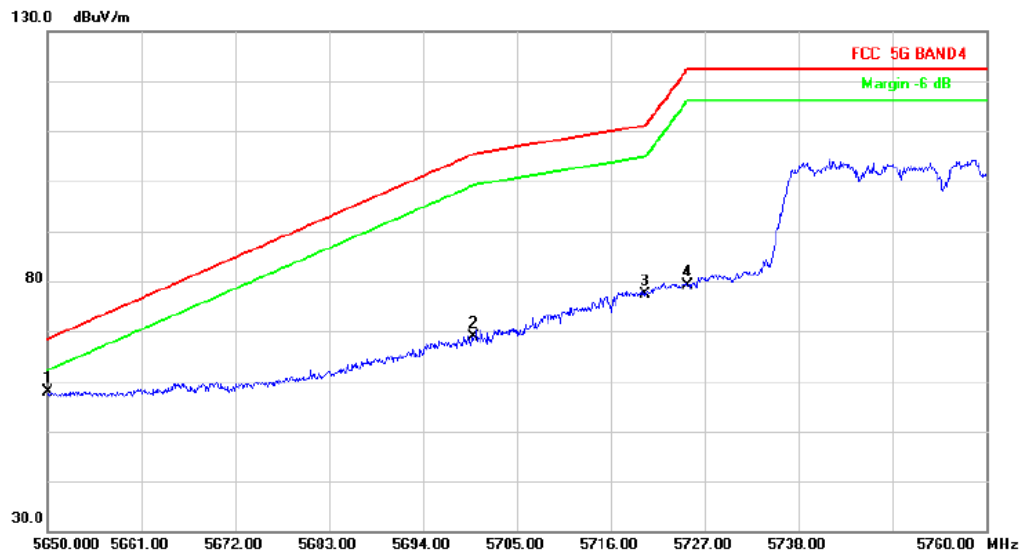
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11510.000	40.55	8.26	48.81	74.00	-25.19	peak	

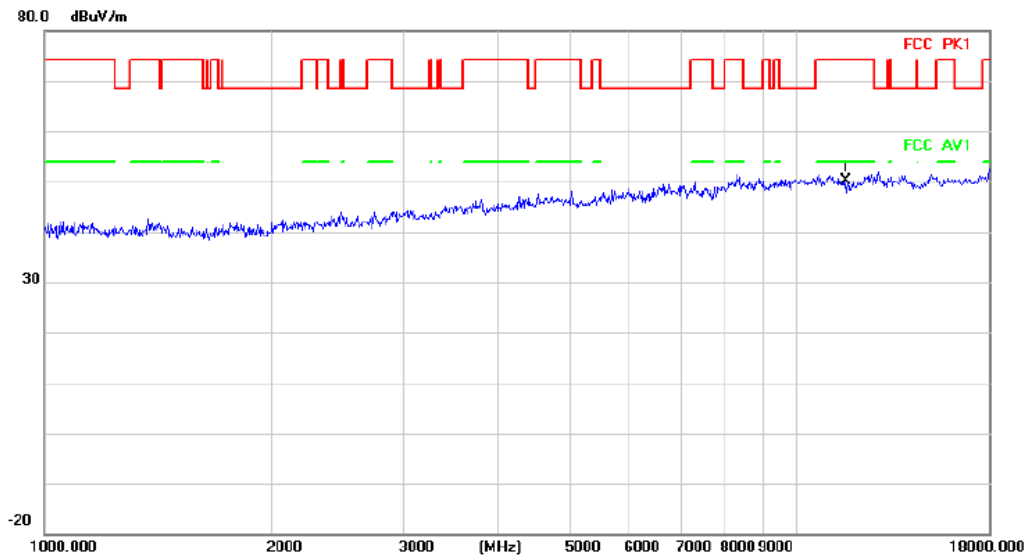
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	49.73	8.22	57.95	68.20	-10.25	peak	
2		5700.000	60.40	8.50	68.90	105.20	-36.30	peak	
3		5720.000	69.10	8.32	77.42	110.80	-33.38	peak	
4		5725.000	70.73	8.28	79.01	122.20	-43.19	peak	

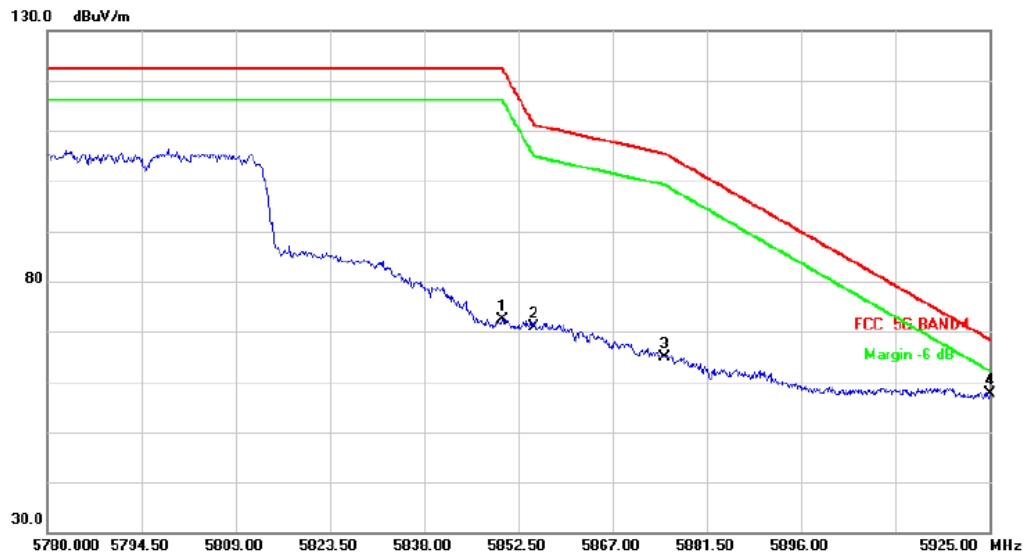
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11590.000	42.12	8.04	50.16	74.00	-23.84	peak		

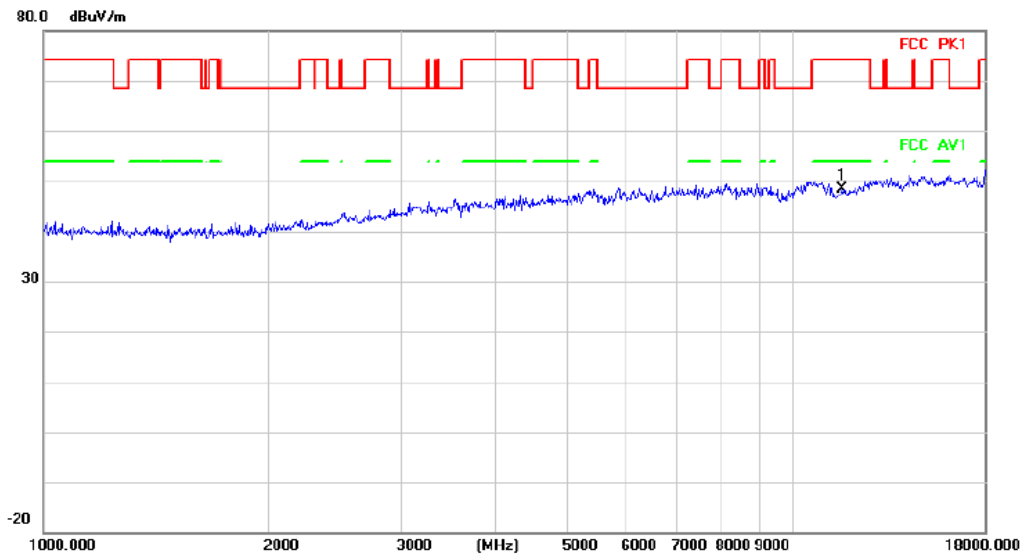
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	62.98	9.29	72.27	122.20	-49.93	peak		
2		5855.000	61.71	9.22	70.93	110.80	-39.87	peak		
3		5875.000	56.00	8.96	64.96	105.20	-40.24	peak		
4	*	5925.000	48.61	8.96	57.57	68.20	-10.63	peak		

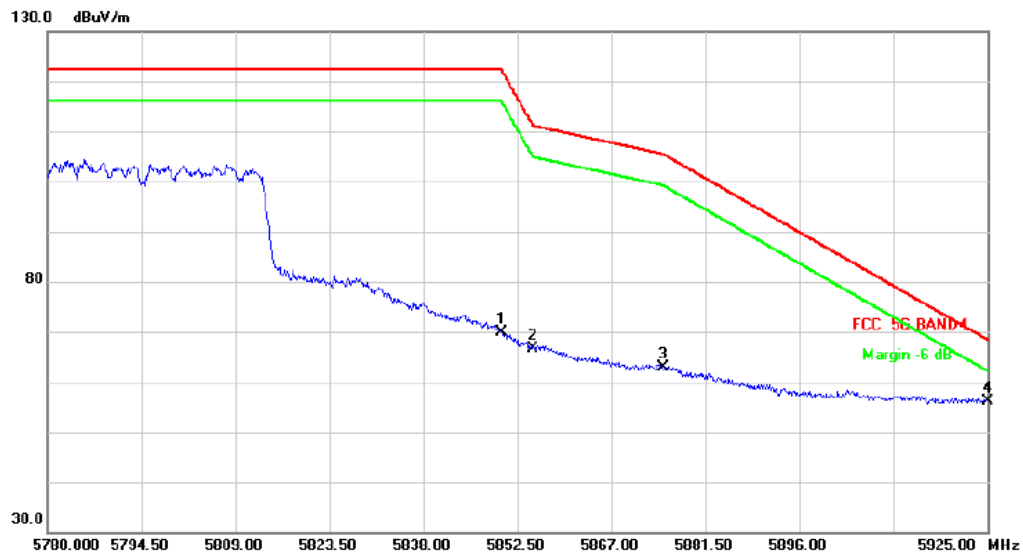
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11590.000	40.24	8.04	48.28	74.00	-25.72	peak	

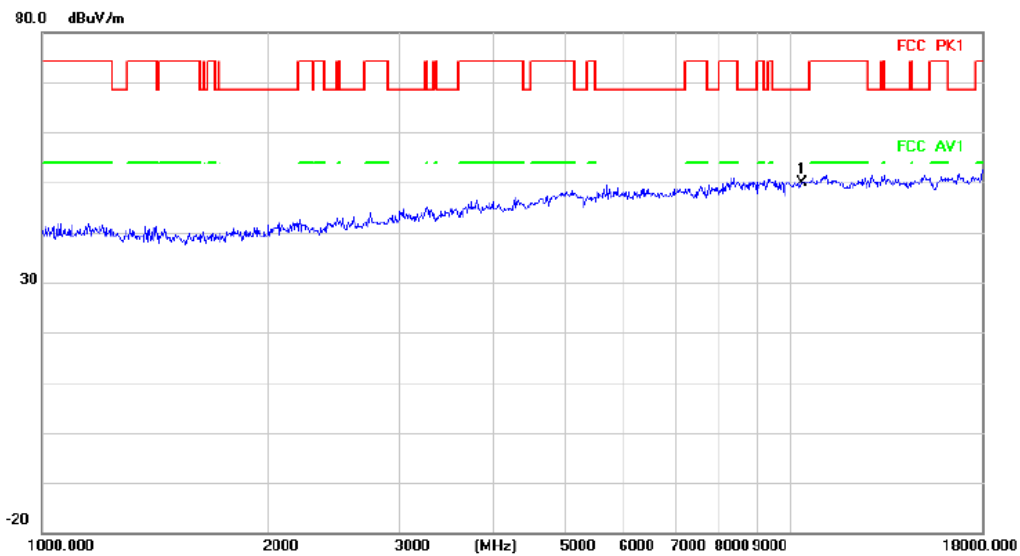
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	60.65	9.29	69.94	122.20	-52.26	peak	
2		5855.000	57.51	9.22	66.73	110.80	-44.07	peak	
3		5875.000	53.84	8.96	62.80	105.20	-42.40	peak	
4	*	5925.000	47.16	8.96	56.12	68.20	-12.08	peak	

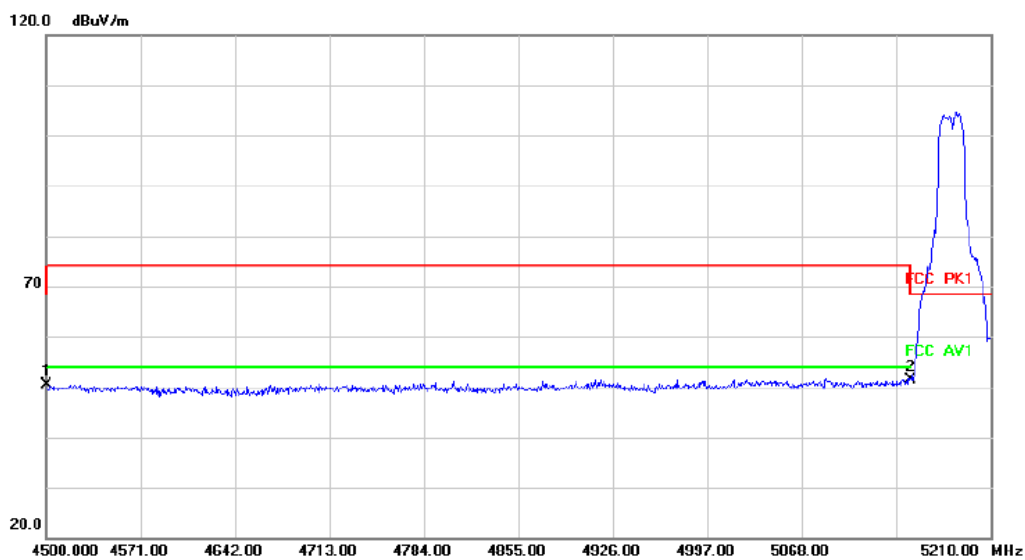
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10360.000	42.42	7.53	49.95	68.20	-18.25	peak	

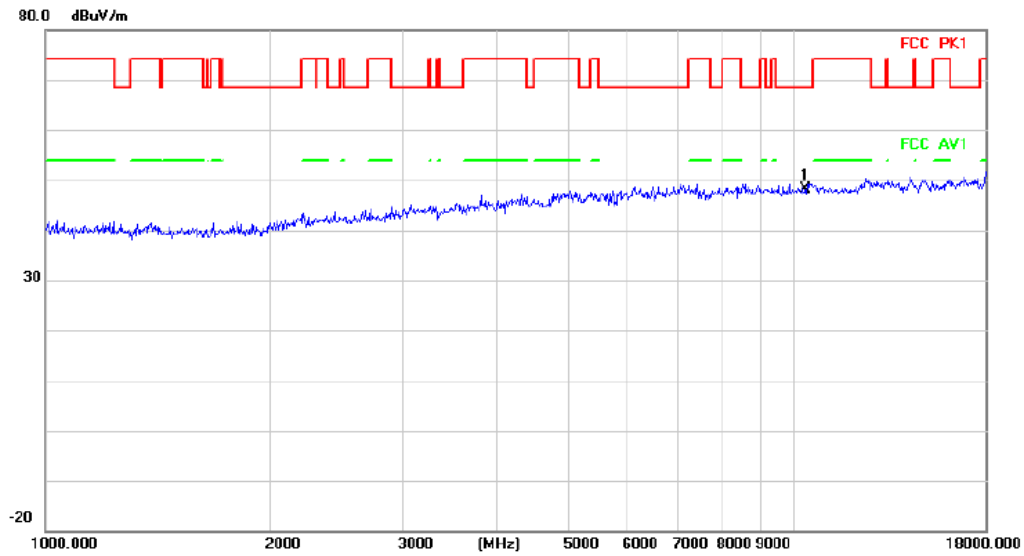
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	42.51	7.90	50.41	68.20	-17.79	peak	
2	*	5150.000	41.96	9.54	51.50	68.20	-16.70	peak	

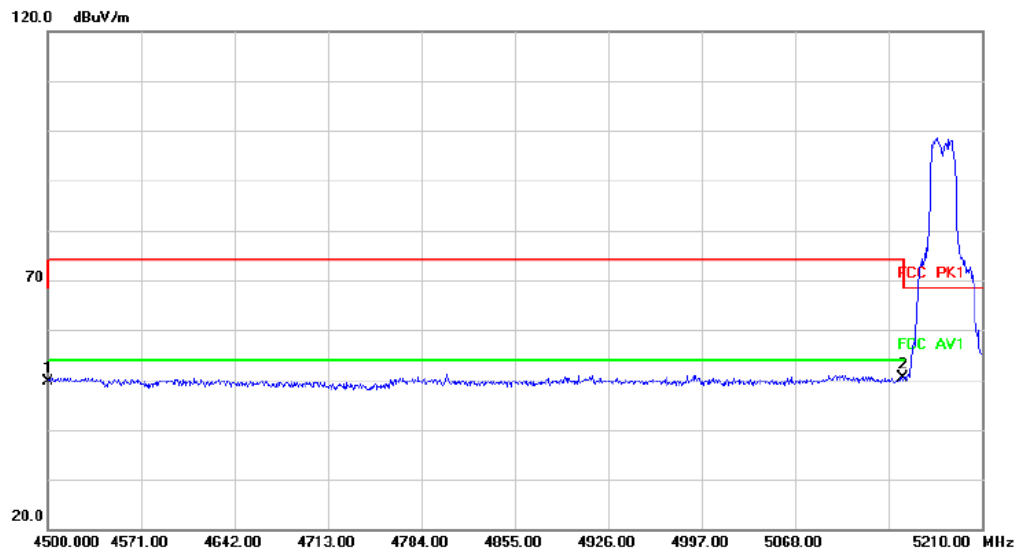
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10360.000	40.57	7.53	48.10	68.20	-20.10	peak	

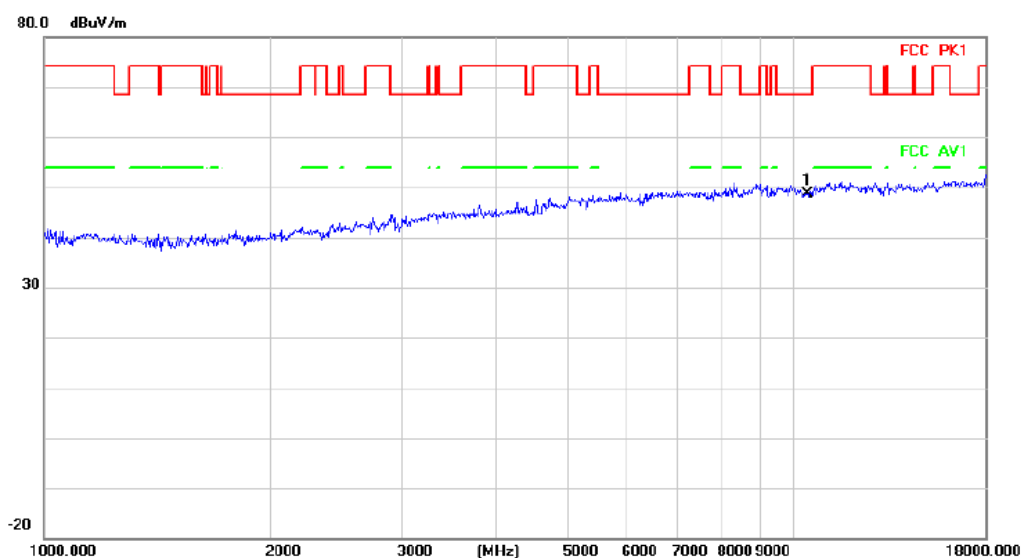
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	41.83	7.90	49.73	68.20	-18.47	peak	
2	*	5150.000	40.96	9.54	50.50	68.20	-17.70	peak	

VERTICAL

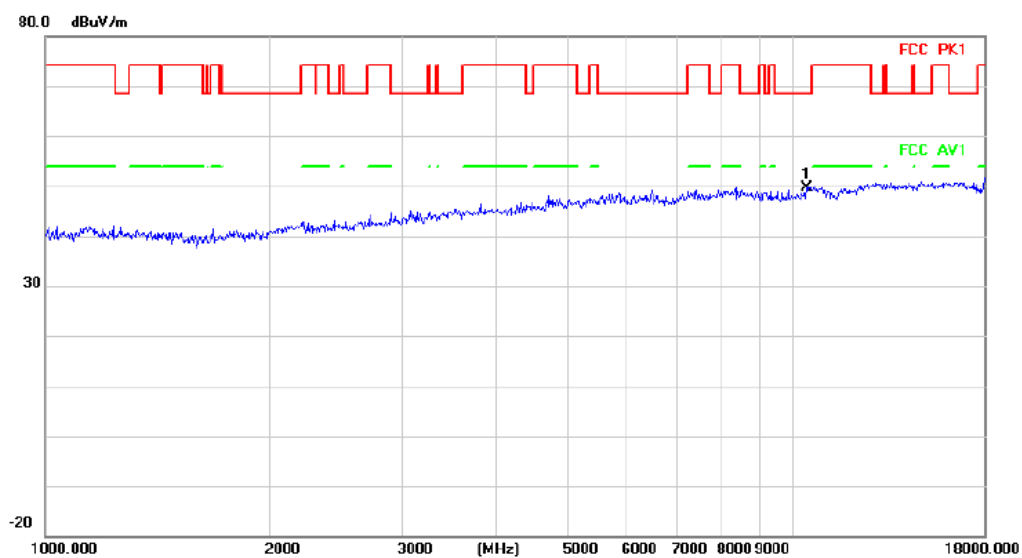
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	41.05	7.69	48.74	68.20	-19.46	peak	

HORIZONTAL

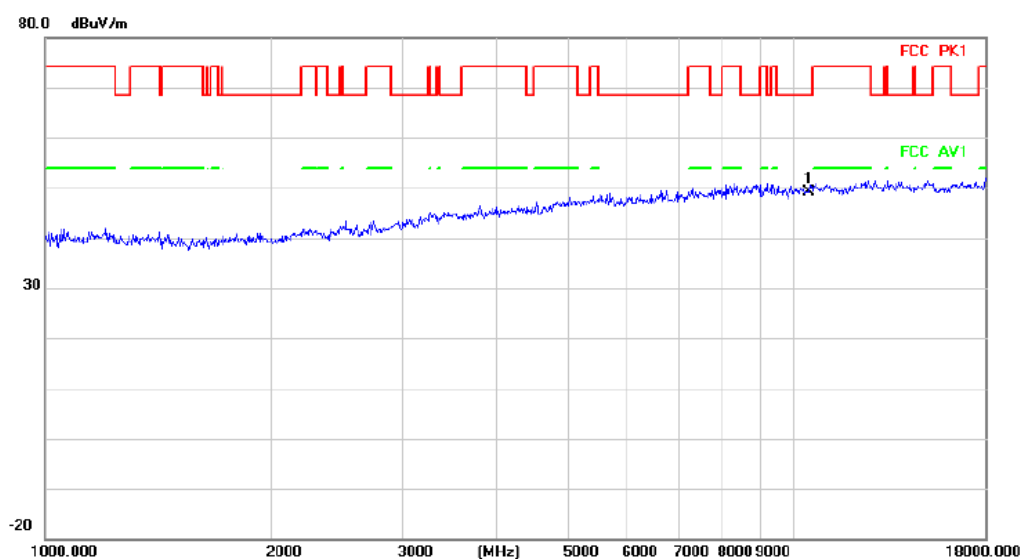
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10400.000	41.94	7.69	49.63	68.20	-18.57	peak	

VERTICAL

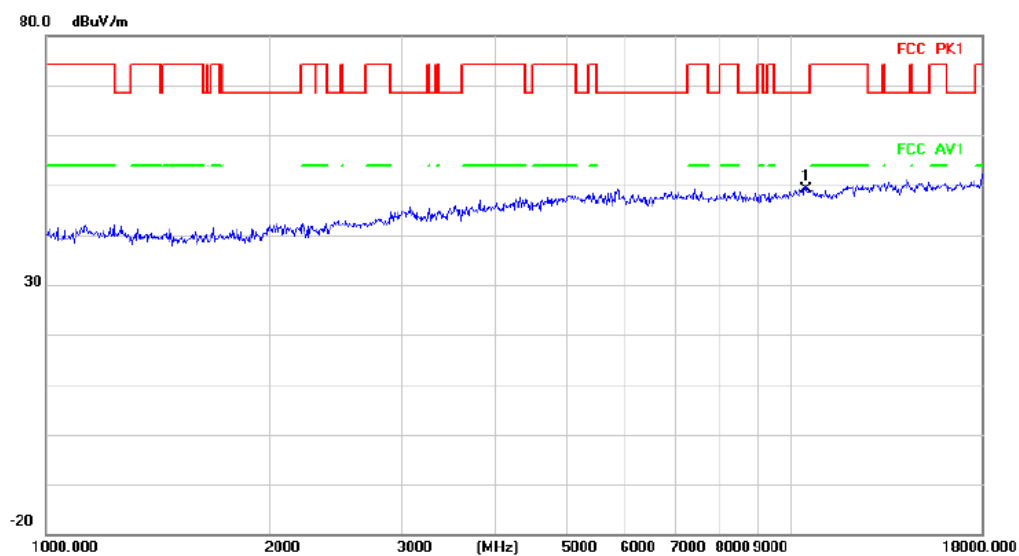
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10480.000	41.22	7.94	49.16	68.20	-19.04	peak		

HORIZONTAL

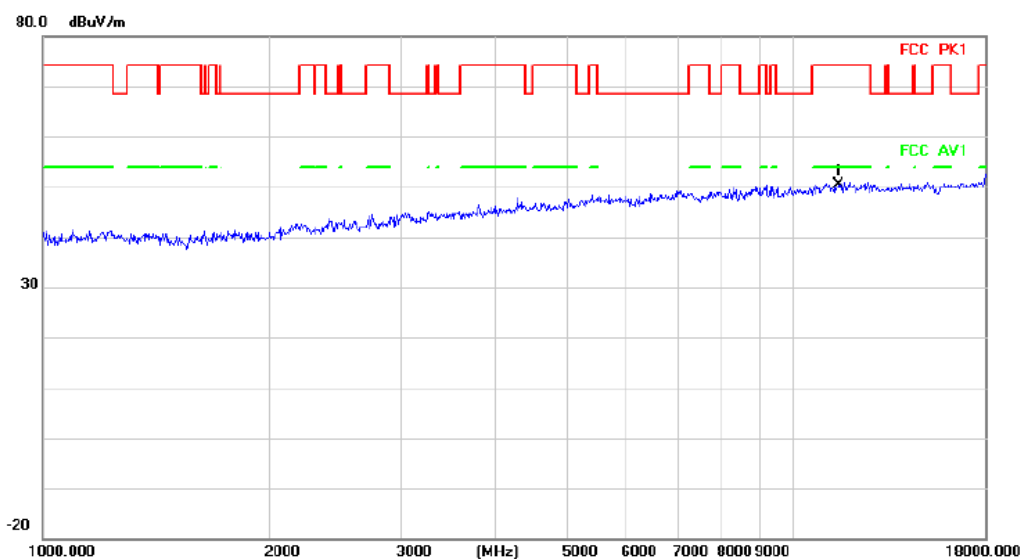
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10480.000	41.24	7.94	49.18	68.20	-19.02	peak		

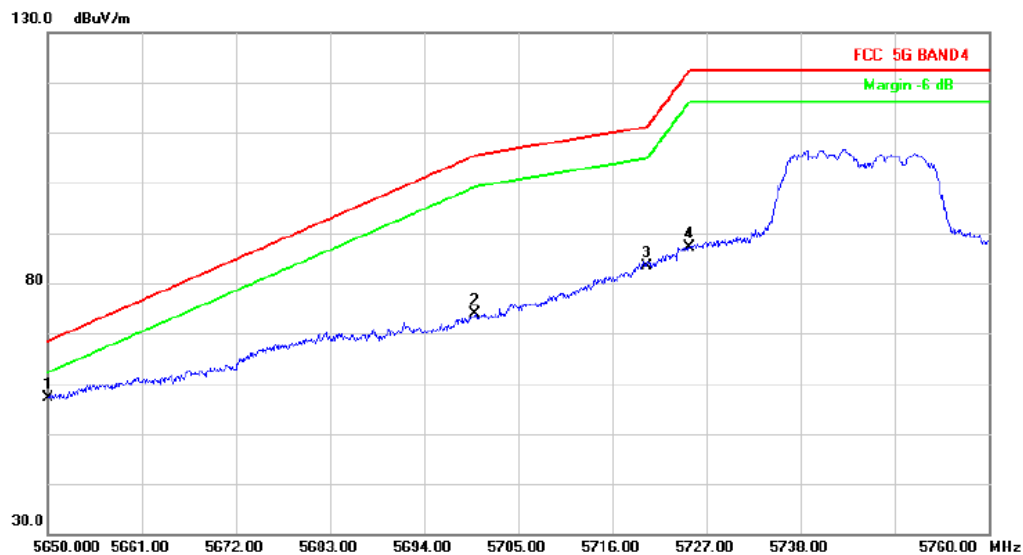
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	42.08	8.26	50.34	74.00	-23.66	peak	

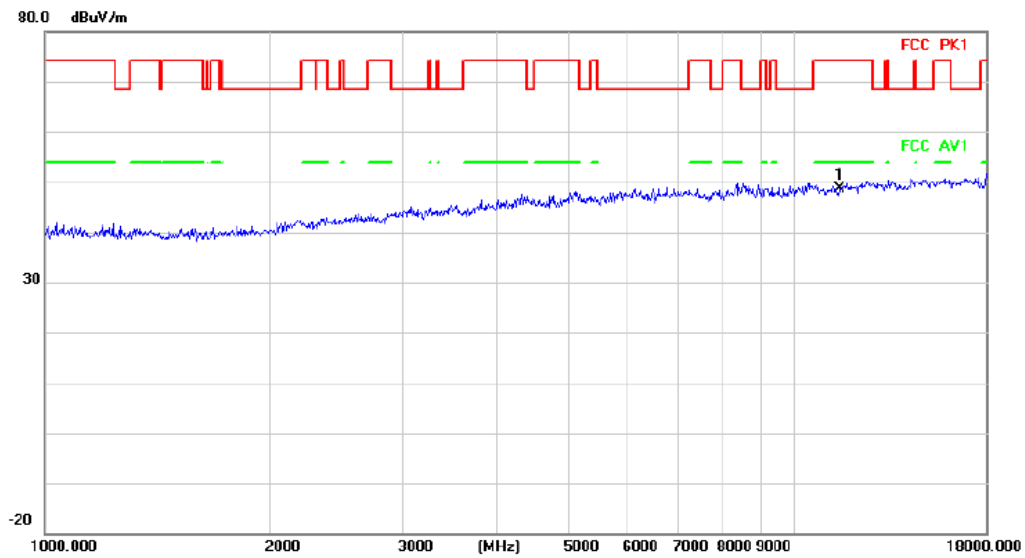
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	47.82	9.22	57.04	68.20	-11.16	peak	
2		5700.000	64.42	9.50	73.92	105.20	-31.28	peak	
3		5720.000	74.13	9.32	83.45	110.80	-27.35	peak	
4		5725.000	77.82	9.28	87.10	122.20	-35.10	peak	

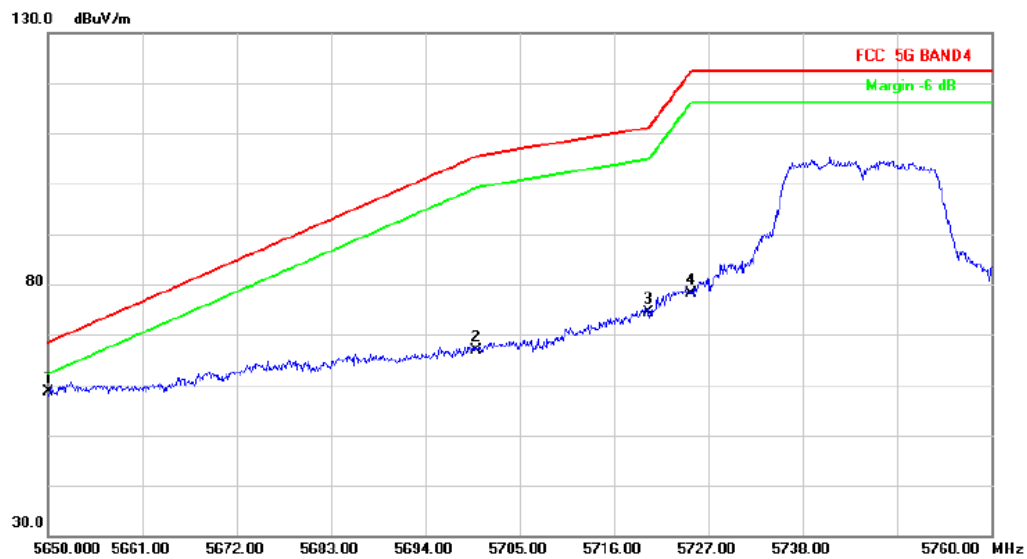
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	11490.000	40.31	8.26	48.57	74.00	-25.43	peak		

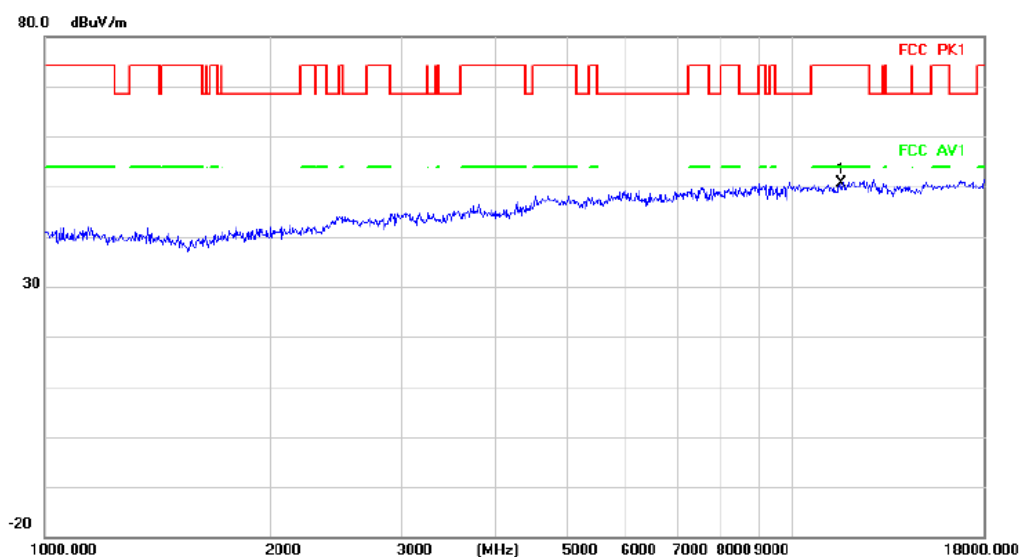
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5650.000	49.47	9.22	58.69	68.20	-9.51	peak		
2		5700.000	57.32	9.50	66.82	105.20	-38.38	peak		
3		5720.000	65.12	9.32	74.44	110.80	-36.36	peak		
4		5725.000	68.94	9.28	78.22	122.20	-43.98	peak		

VERTICAL

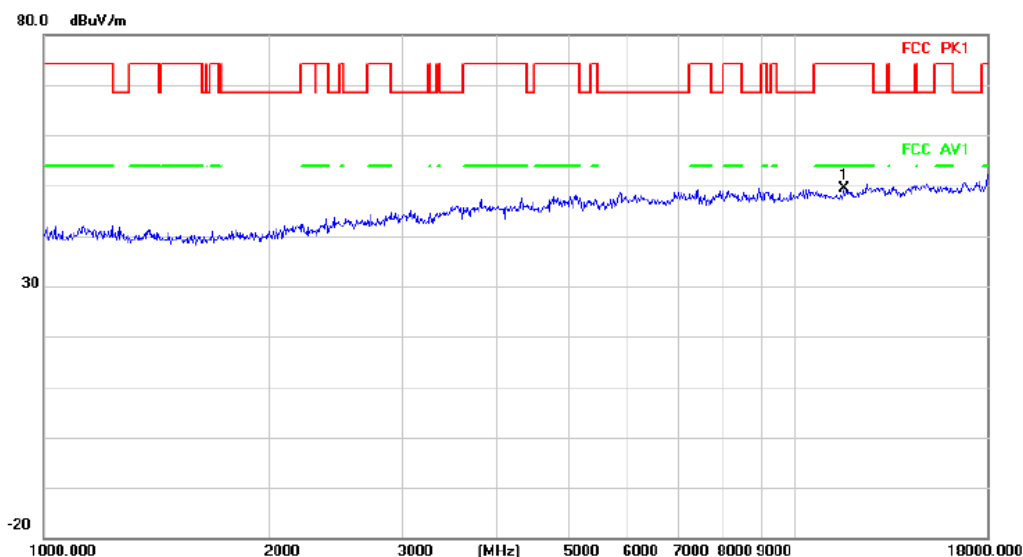
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	42.57	8.09	50.66	74.00	-23.34	peak		

HORIZONTAL

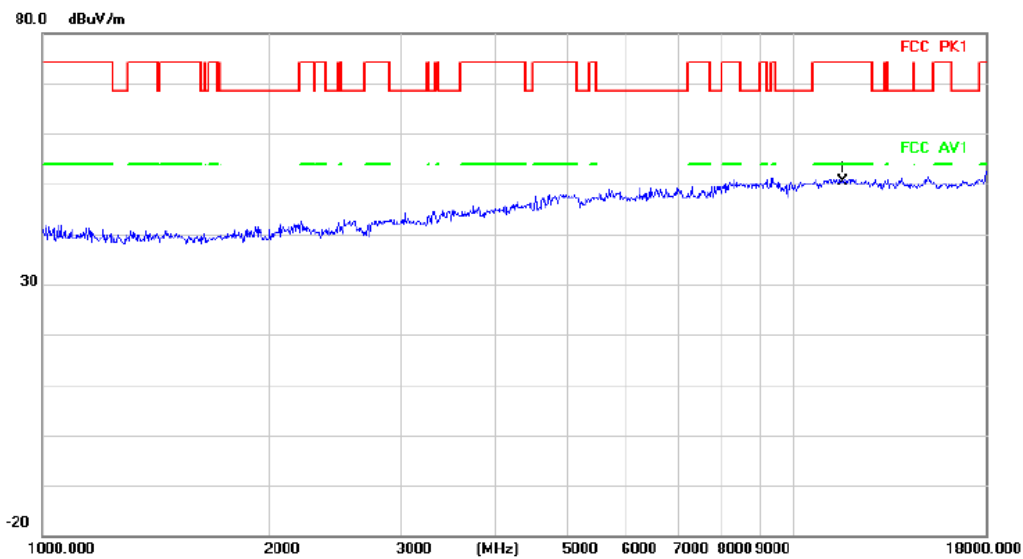
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11570.000	41.19	8.09	49.28	74.00	-24.72	peak		

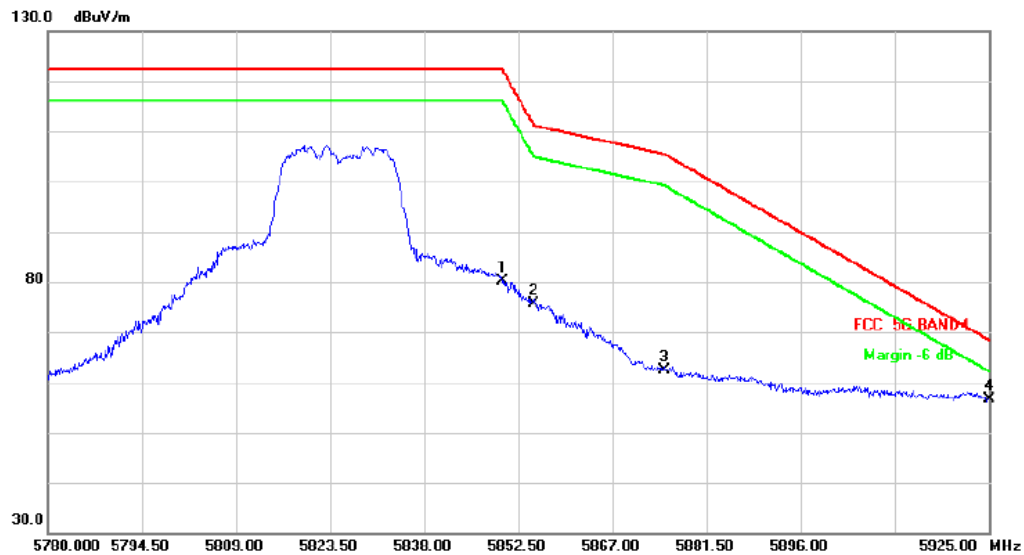
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11650.000	42.46	7.92	50.38	74.00	-23.62	peak		

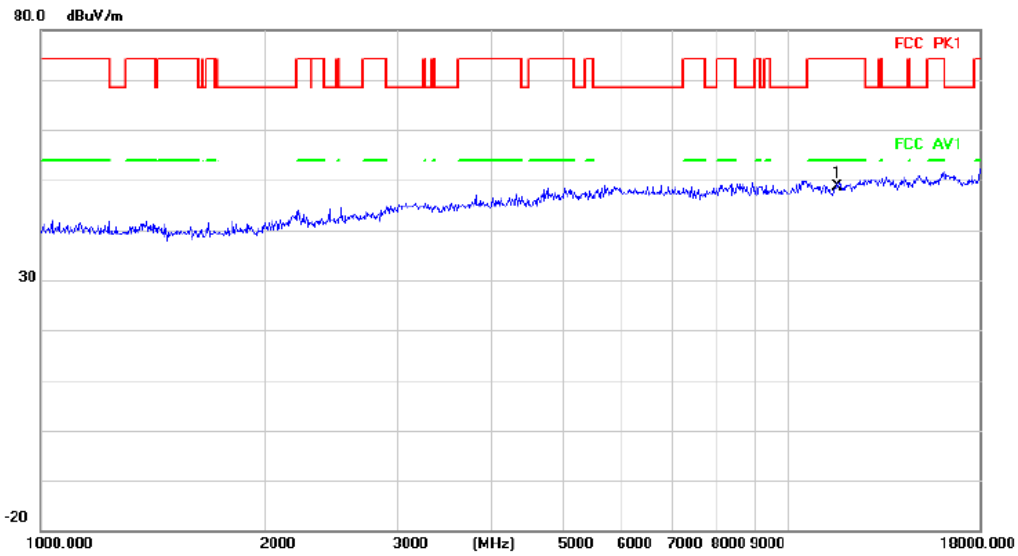
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	69.90	10.29	80.19	122.20	-42.01	peak		
2		5855.000	65.49	10.22	75.71	110.80	-35.09	peak		
3		5875.000	52.53	9.96	62.49	105.20	-42.71	peak		
4	*	5925.000	46.71	9.96	56.67	68.20	-11.53	peak		

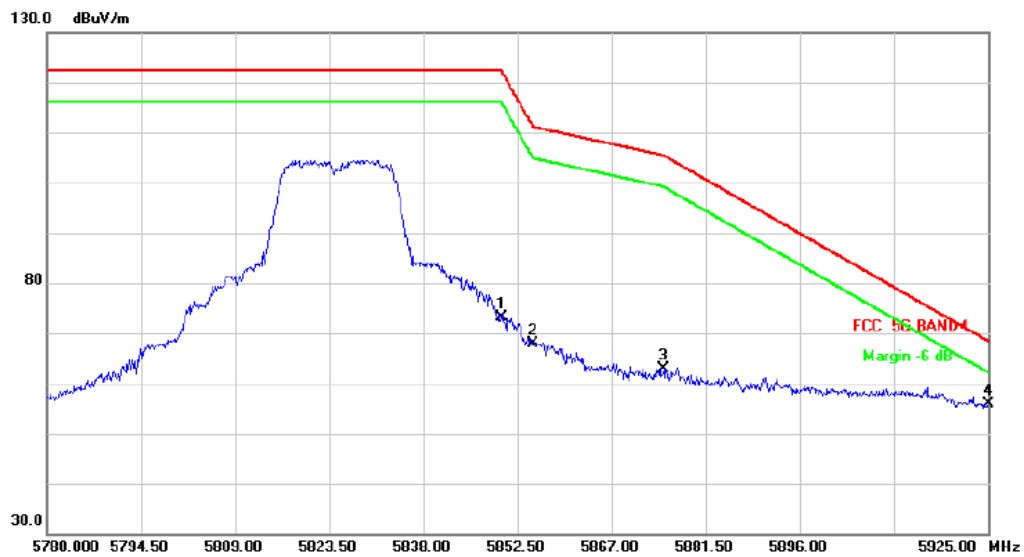
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11650.000	40.62	7.92	48.54	74.00	-25.46	peak	

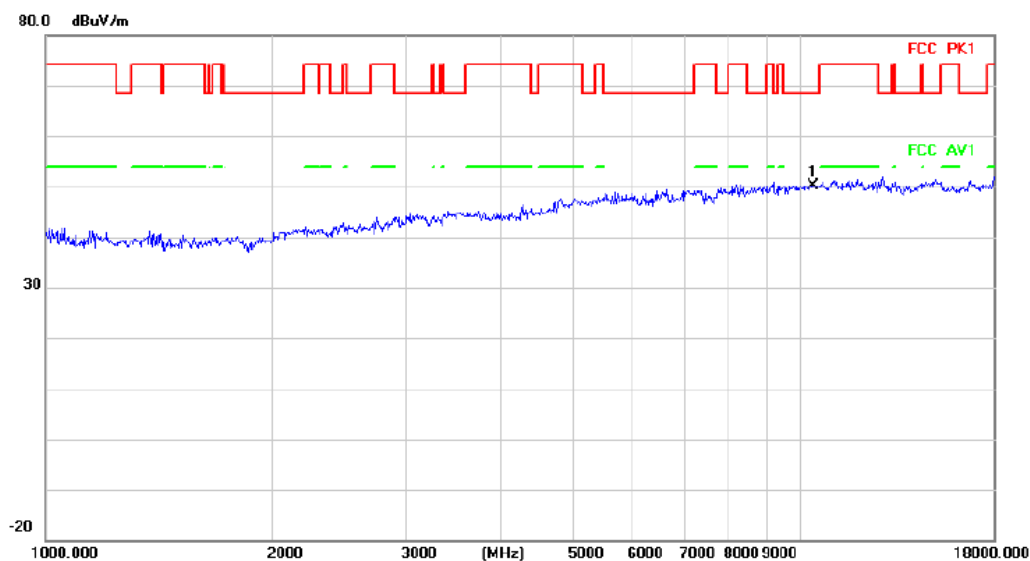
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	62.91	10.29	73.20	122.20	-49.00	peak	
2		5855.000	57.56	10.22	67.78	110.80	-43.02	peak	
3		5875.000	52.92	9.96	62.88	105.20	-42.32	peak	
4	*	5925.000	45.97	9.96	55.93	68.20	-12.27	peak	

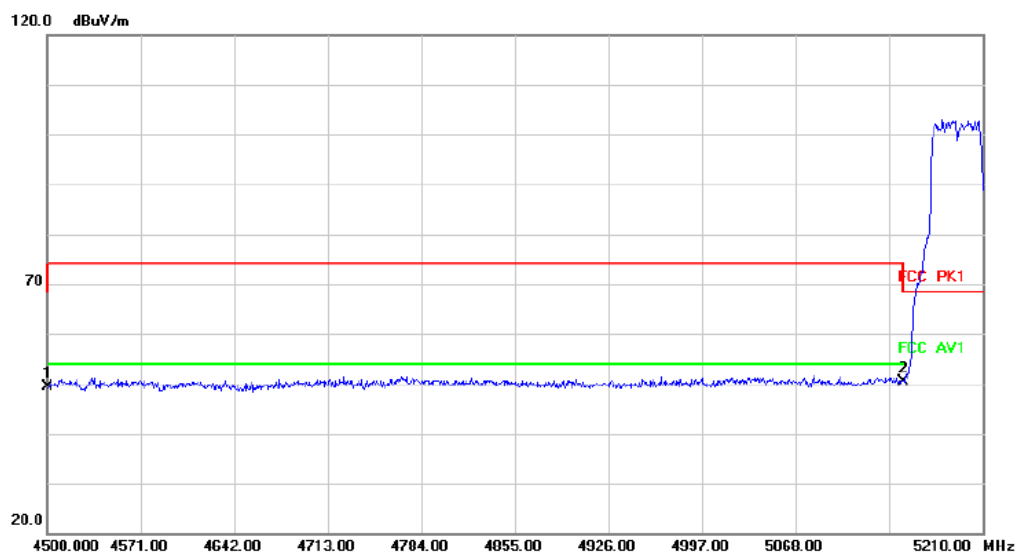
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.000	42.40	7.61	50.01	68.20	-18.19	peak		

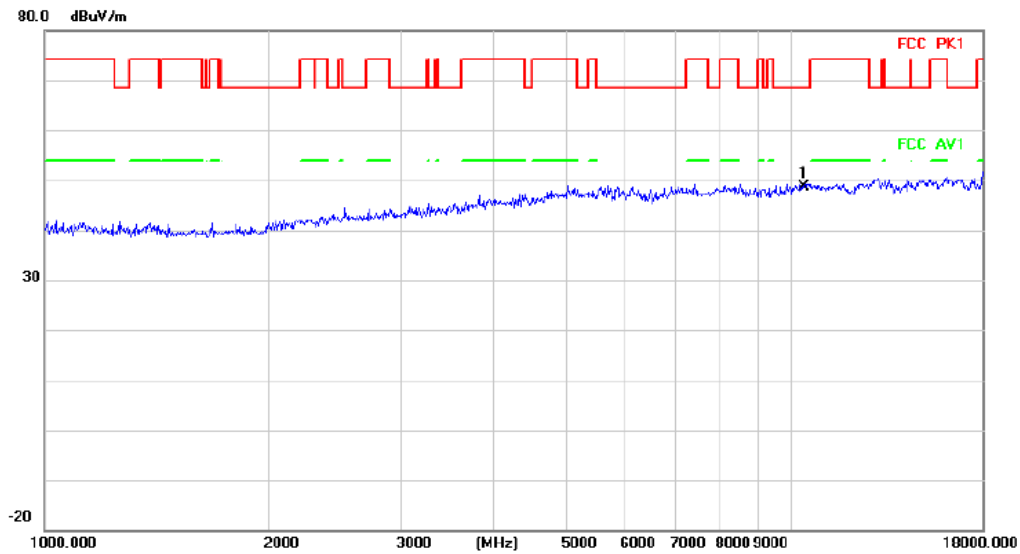
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	41.40	7.90	49.30	68.20	-18.90	peak		
2	*	5150.000	40.75	9.54	50.29	68.20	-17.91	peak		

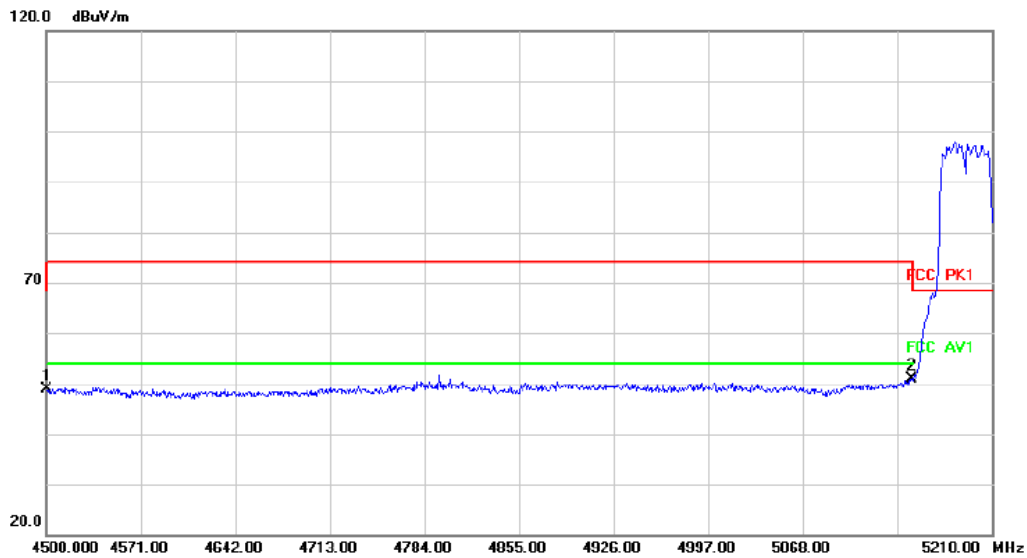
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10380.000	41.02	7.61	48.63	68.20	-19.57 peak		

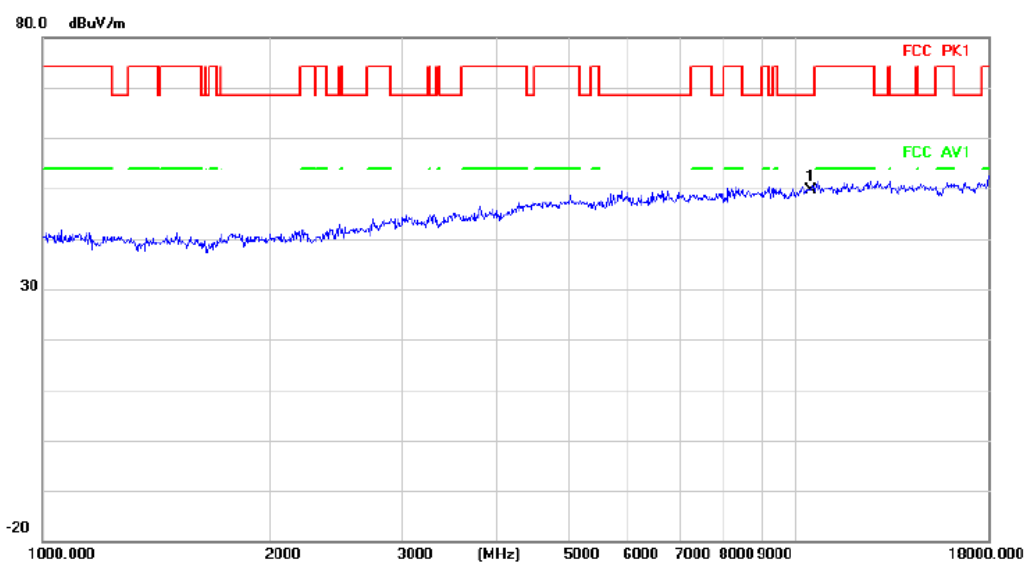
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	41.07	7.90	48.97	68.20	-19.23 peak		
2	*	5150.000	41.27	9.54	50.81	68.20	-17.39 peak		

VERTICAL

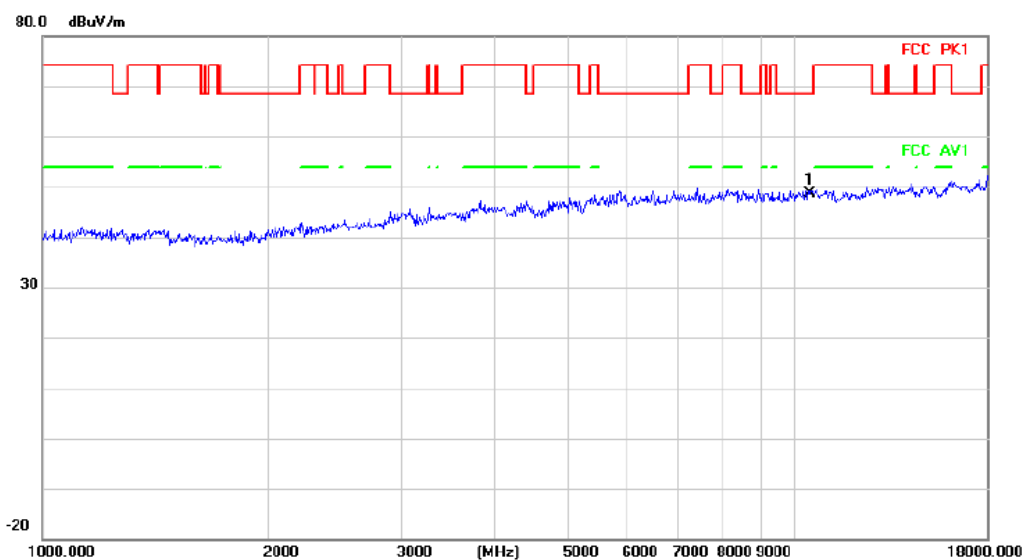
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10460.000	41.78	7.88	49.66	68.20	-18.54	peak		

HORIZONTAL

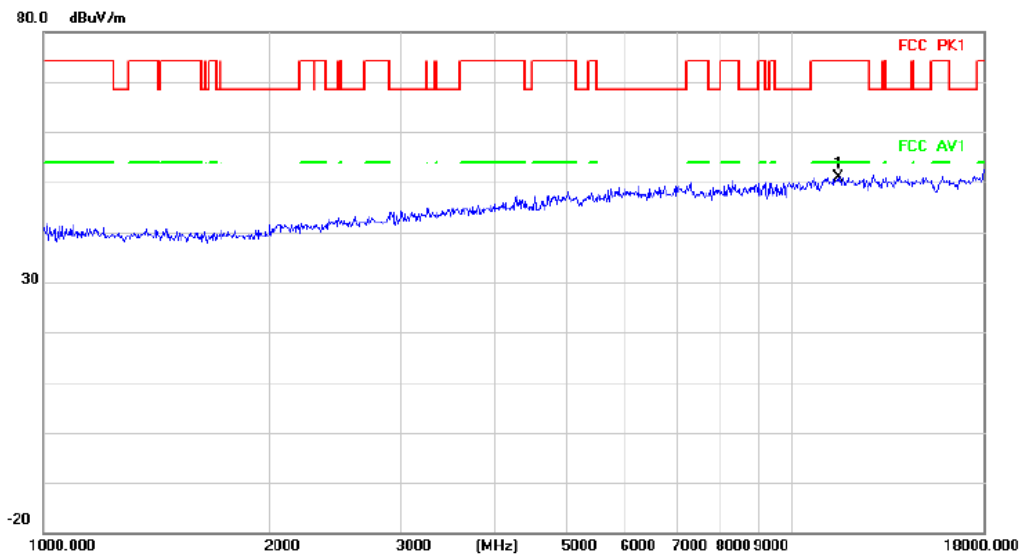
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10460.000	40.80	7.88	48.68	68.20	-19.52	peak		

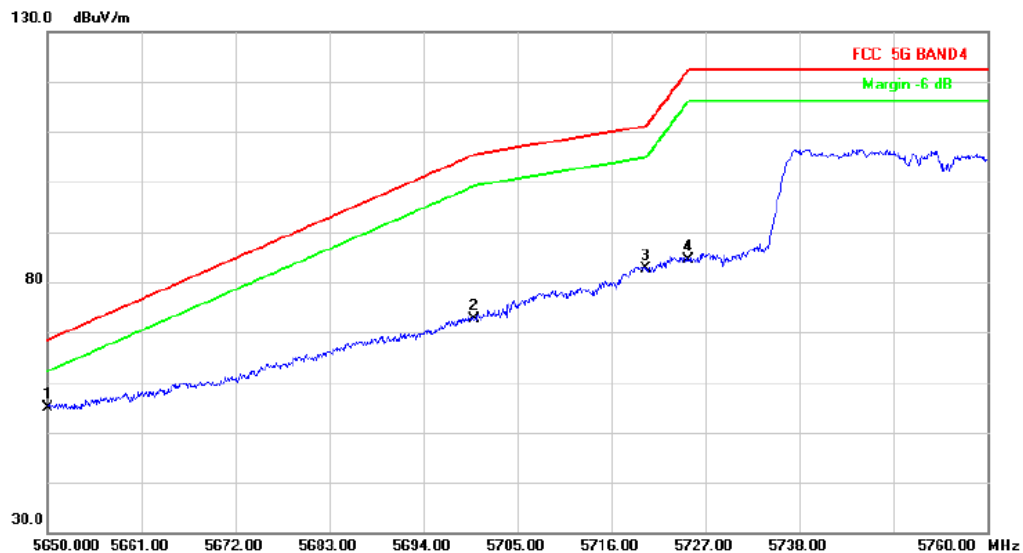
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11510.000	42.60	8.26	50.86	74.00	-23.14	peak	

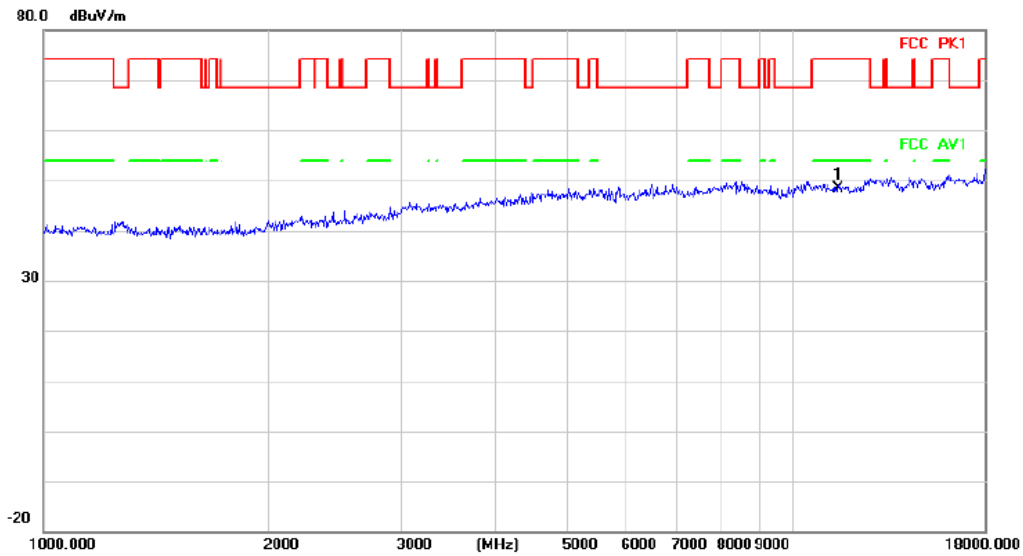
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	45.70	9.22	54.92	68.20	-13.28	peak	
2		5700.000	63.24	9.50	72.74	105.20	-32.46	peak	
3		5720.000	73.36	9.32	82.68	110.80	-28.12	peak	
4		5725.000	75.01	9.28	84.29	122.20	-37.91	peak	

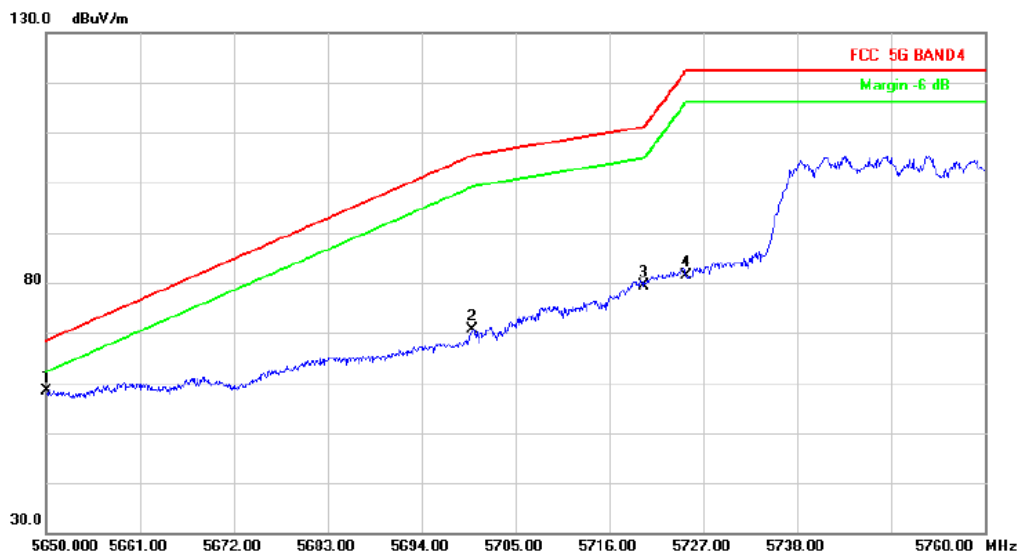
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11510.000	40.05	8.26	48.31	74.00	-25.69	peak	

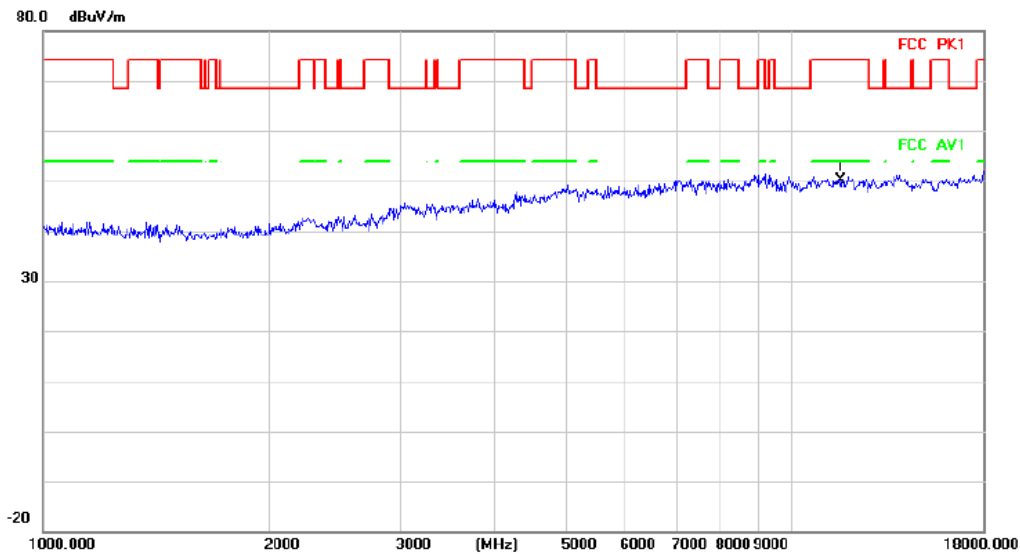
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	49.16	9.22	58.38	68.20	-9.82	peak	
2		5700.000	61.19	9.50	70.69	105.20	-34.51	peak	
3		5720.000	70.13	9.32	79.45	110.80	-31.35	peak	
4		5725.000	72.11	9.28	81.39	122.20	-40.81	peak	

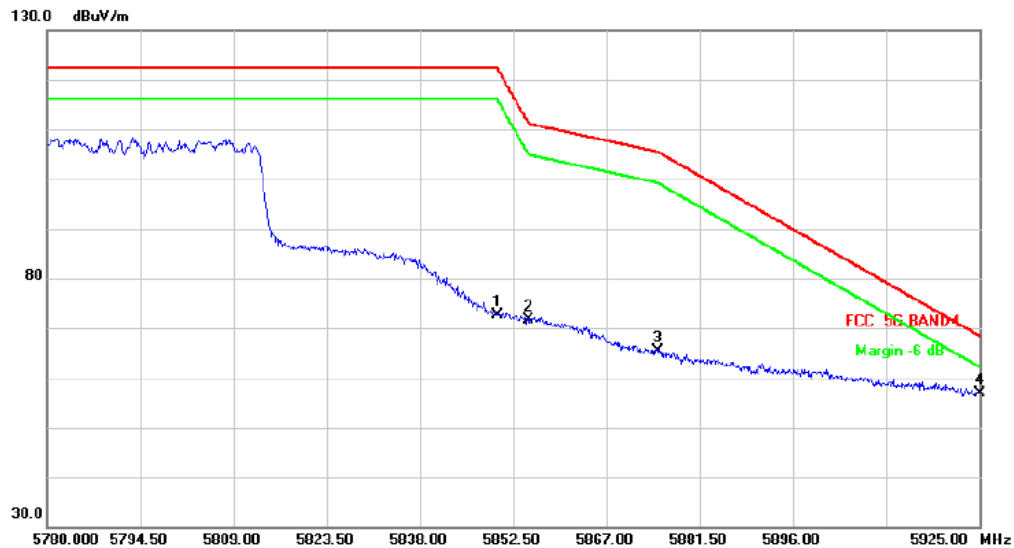
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11590.000	42.12	8.04	50.16	74.00	-23.84	peak		

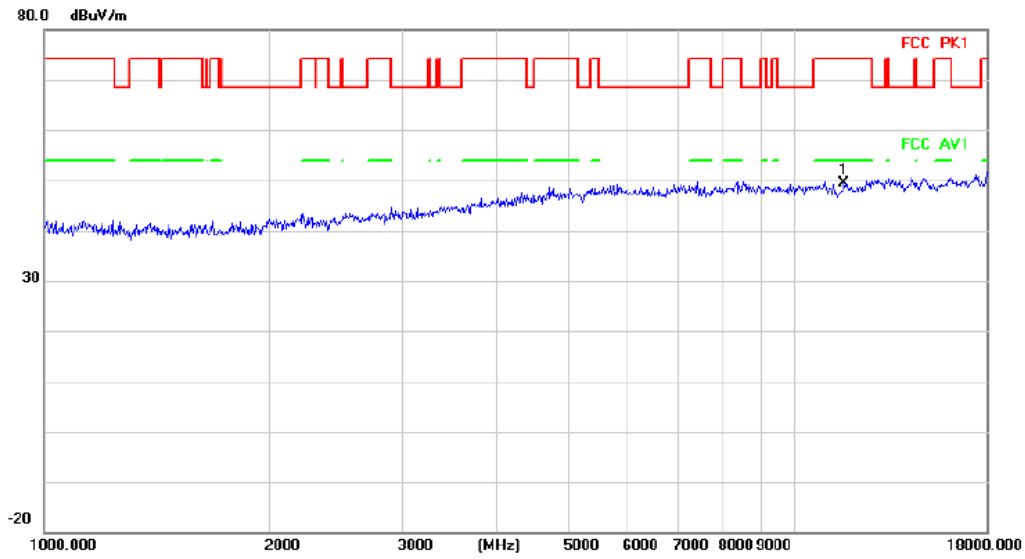
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	62.29	10.29	72.58	122.20	-49.62	peak		
2		5855.000	61.31	10.22	71.53	110.80	-39.27	peak		
3		5875.000	55.54	9.96	65.50	105.20	-39.70	peak		
4	*	5925.000	46.82	9.96	56.78	68.20	-11.42	peak		

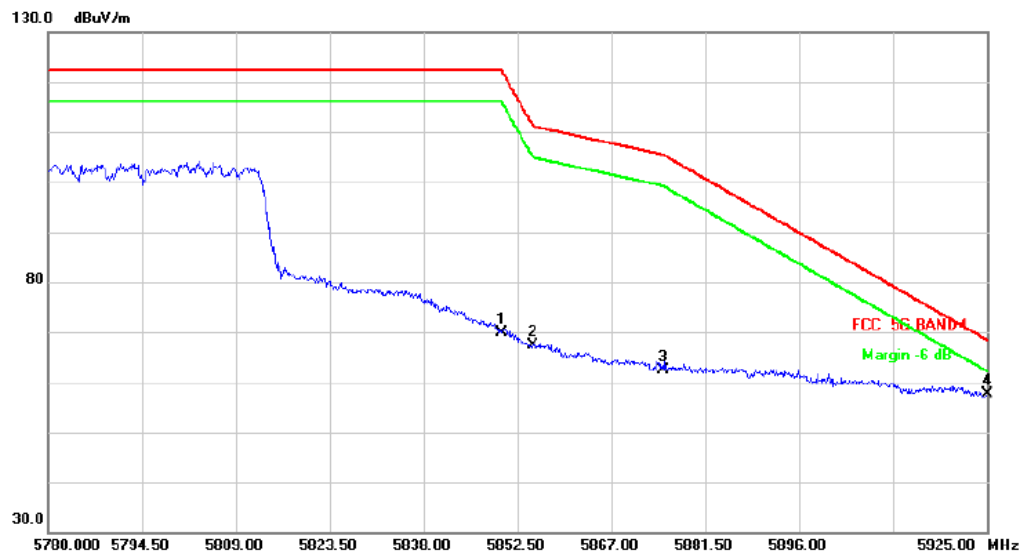
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11590.000	41.24	8.04	49.28	74.00	-24.72	peak	

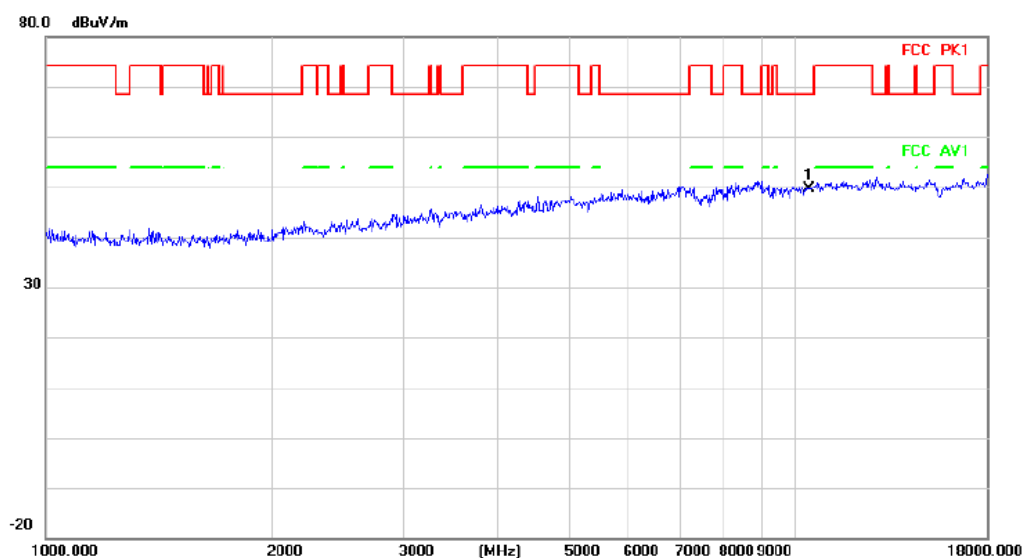
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	59.52	10.29	69.81	122.20	-52.39	peak	
2		5855.000	57.20	10.22	67.42	110.80	-43.38	peak	
3		5875.000	52.52	9.96	62.48	105.20	-42.72	peak	
4	*	5925.000	47.60	9.96	57.56	68.20	-10.64	peak	

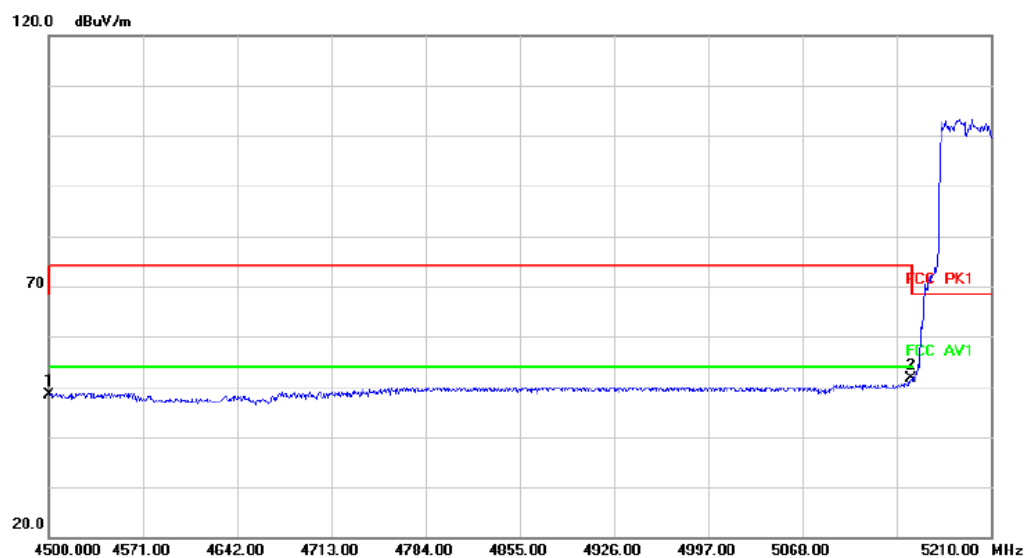
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10420.000	41.98	7.76	49.74	68.20	-18.46	peak	

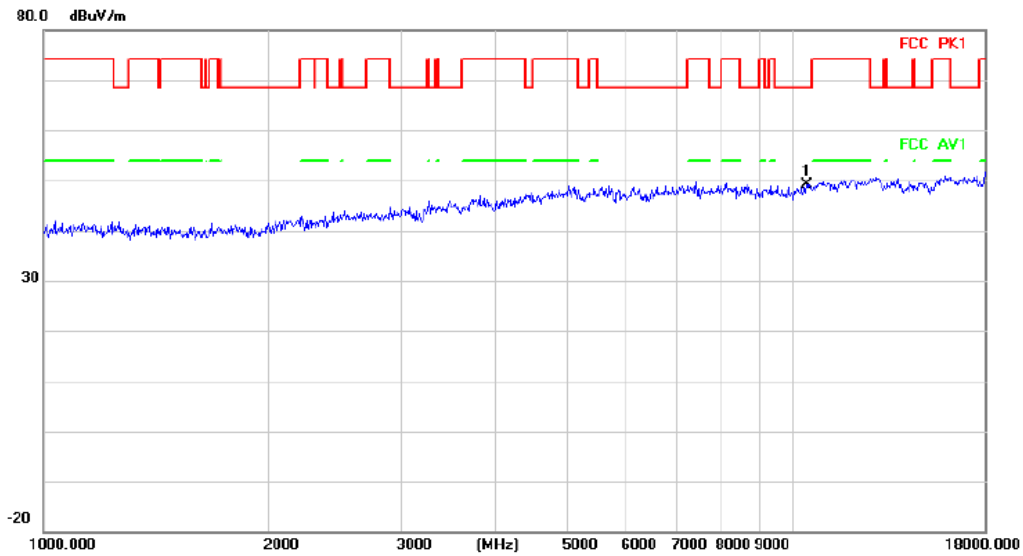
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	40.36	7.90	48.26	68.20	-19.94	peak	
2	*	5150.000	42.21	9.54	51.75	68.20	-16.45	peak	

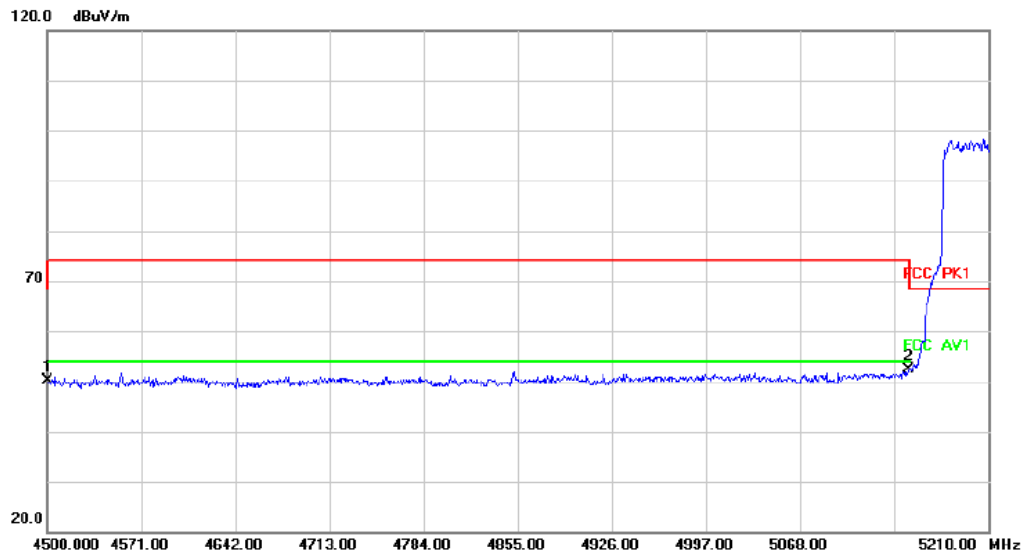
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10420.000	41.37	7.76	49.13	68.20	-19.07	peak	

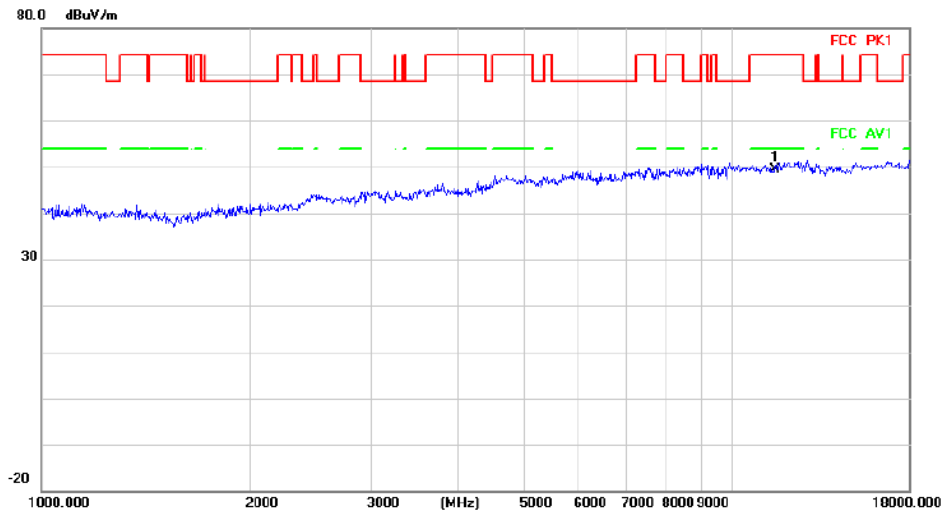
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	42.32	7.90	50.22	68.20	-17.98	peak	
2	*	5150.000	42.93	9.54	52.47	68.20	-15.73	peak	

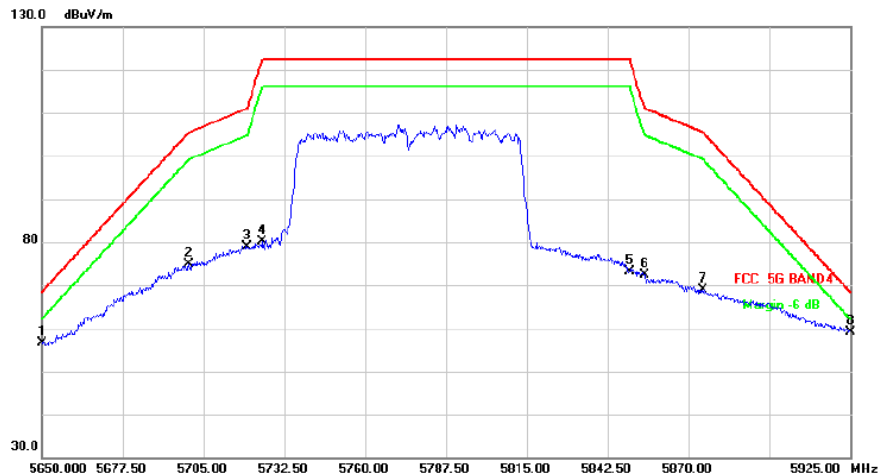
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11550.000	41.13	8.15	49.28	74.00	-24.72	peak		

Radiated Emission



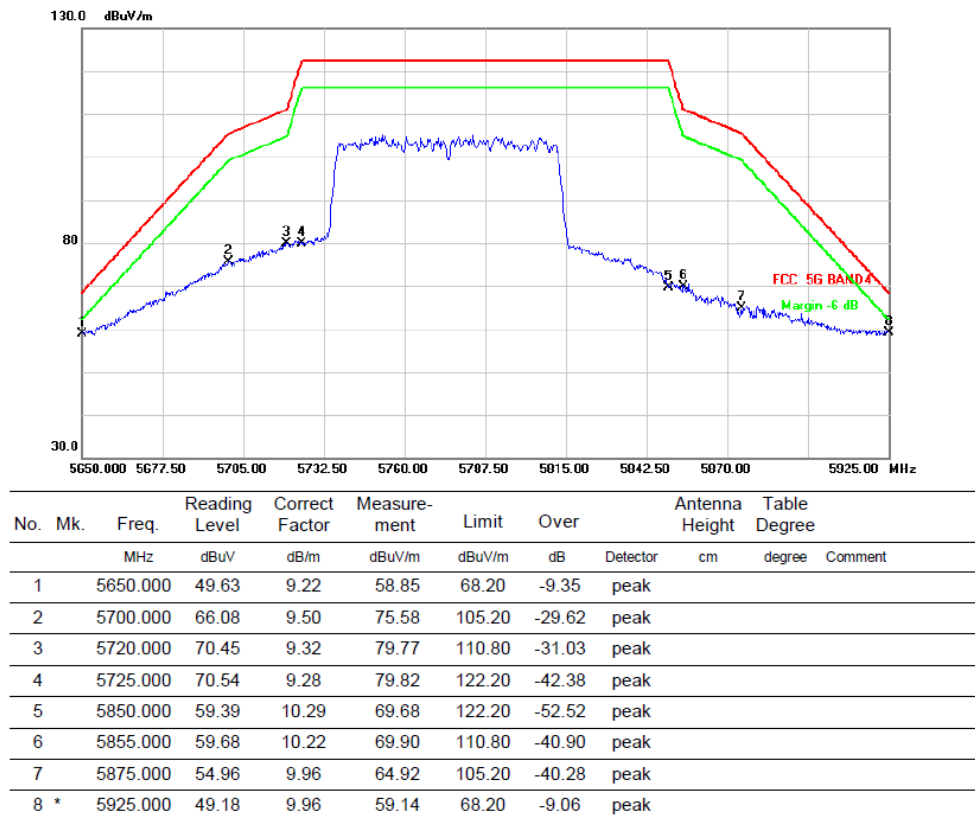
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5650.000	47.32	9.22	56.54	68.20	-11.66	peak		
2		5700.000	65.35	9.50	74.85	105.20	-30.35	peak		
3		5720.000	69.66	9.32	78.98	110.80	-31.82	peak		
4		5725.000	70.90	9.28	80.18	122.20	-42.02	peak		
5		5850.000	62.90	10.29	73.19	122.20	-49.01	peak		
6		5855.000	62.18	10.22	72.40	110.80	-38.40	peak		
7		5875.000	59.04	9.96	69.00	105.20	-36.20	peak		
8	*	5925.000	49.25	9.96	59.21	68.20	-8.99	peak		

HORIZONTAL

Radiated Emission



Radiated Emission



The high frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

3.3 Spectrum Bandwidth

3.3.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
15.407(e)	26 dB Bandwidth	-	5470-5725
	26 dB Bandwidth	-	5725-5850
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

3.3.2 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 EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

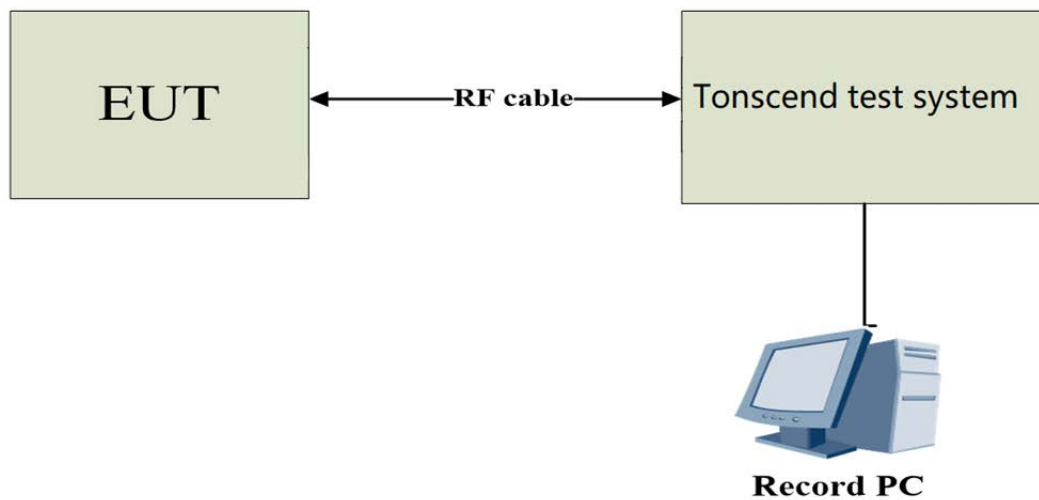
Centre Frequency	The centre frequency of the channel under test
RBW	$\geq 1\% \times \text{Nominal Channel Bandwidth}$
VBW	$\geq 3 \times \text{RBW}$
Frequency span	$2 \times \text{Nominal Channel Bandwidth}$
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

Centre Frequency	The centre frequency of the channel under test
RBW	100 kHz
VBW	300 kHz
Frequency span	$2 \times \text{Nominal Channel Bandwidth}$
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

- c) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.
- d) Use the -26/-6dB bandwidth function of the spectrum analyser to measure the -26/-6dB Bandwidth of the EUT. This value shall be recorded.
- e) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.3.3 Test Setup



3.3.4 Test Result

26 dB Bandwidth

Test Mode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.680	5170.240	5189.920	---	---
11A	Ant1	5200	19.560	5190.240	5209.800	---	---
11A	Ant1	5240	19.720	5230.080	5249.800	---	---
11A	Ant1	5745	19.880	5735.040	5754.920	---	---
11A	Ant1	5785	19.480	5775.320	5794.800	---	---
11A	Ant1	5825	19.520	5815.200	5834.720	---	---
11N20SISO	Ant1	5180	20.280	5169.960	5190.240	---	---
11N20SISO	Ant1	5200	20.120	5189.920	5210.040	---	---
11N20SISO	Ant1	5240	20.120	5230.080	5250.200	---	---
11N20SISO	Ant1	5745	20.280	5734.720	5755.000	---	---
11N20SISO	Ant1	5785	20.320	5774.960	5795.280	---	---
11N20SISO	Ant1	5825	20.240	5814.880	5835.120	---	---
11N40SISO	Ant1	5190	40.000	5170.000	5210.000	---	---
11N40SISO	Ant1	5230	40.080	5209.920	5250.000	---	---
11N40SISO	Ant1	5755	40.240	5734.840	5775.080	---	---
11N40SISO	Ant1	5795	40.560	5774.680	5815.240	---	---
11AC20SISO	Ant1	5180	19.920	5170.040	5189.960	---	---
11AC20SISO	Ant1	5200	20.200	5189.840	5210.040	---	---
11AC20SISO	Ant1	5240	20.080	5229.960	5250.040	---	---
11AC20SISO	Ant1	5745	20.240	5734.840	5755.080	---	---
11AC20SISO	Ant1	5785	20.040	5774.920	5794.960	---	---
11AC20SISO	Ant1	5825	20.160	5814.960	5835.120	---	---
11AC40SISO	Ant1	5190	40.400	5169.840	5210.240	---	---
11AC40SISO	Ant1	5230	40.080	5209.920	5250.000	---	---
11AC40SISO	Ant1	5755	40.320	5734.760	5775.080	---	---
11AC40SISO	Ant1	5795	40.480	5774.600	5815.080	---	---
11AC80SISO	Ant1	5210	80.800	5169.520	5250.320	---	---
11AC80SISO	Ant1	5775	81.440	5733.720	5815.160	---	---

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745



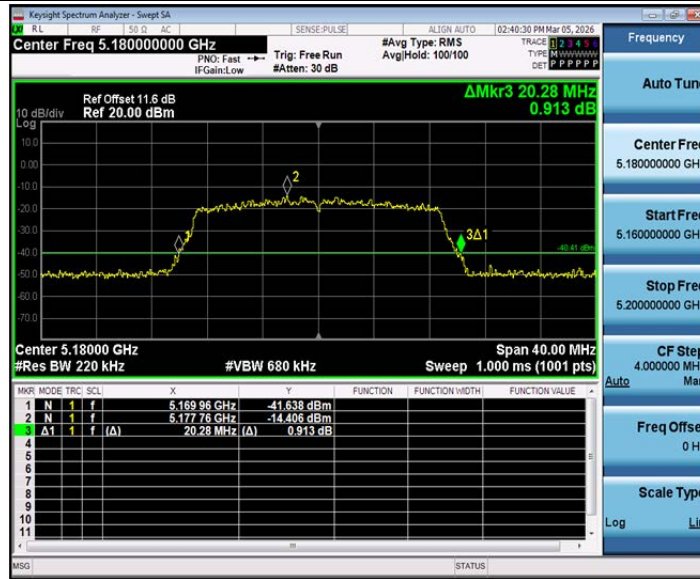
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



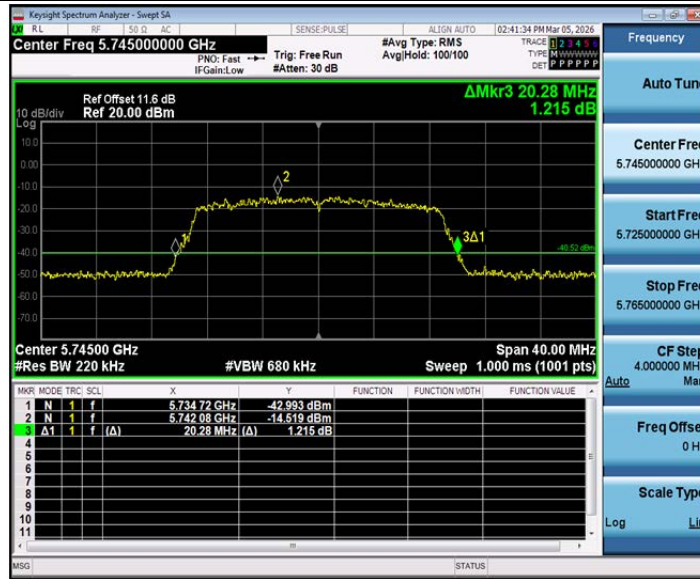
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



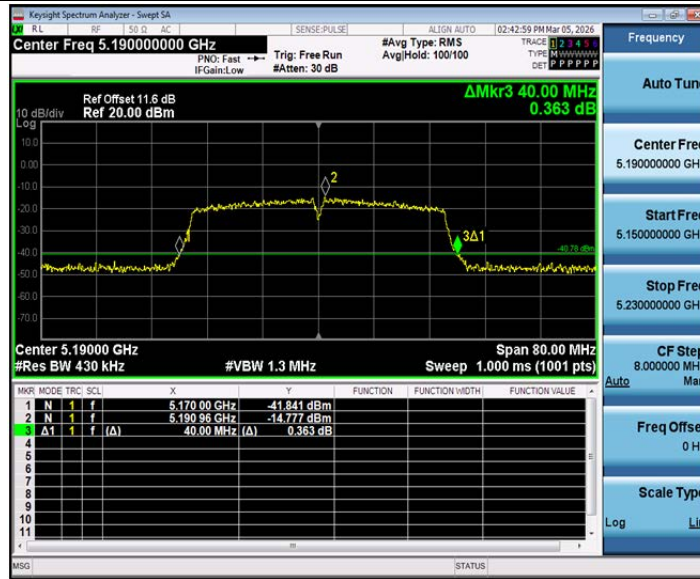
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



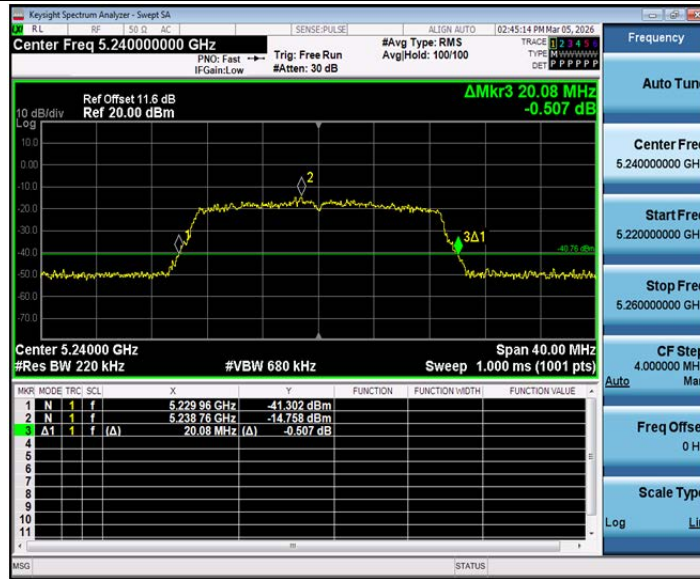
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11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



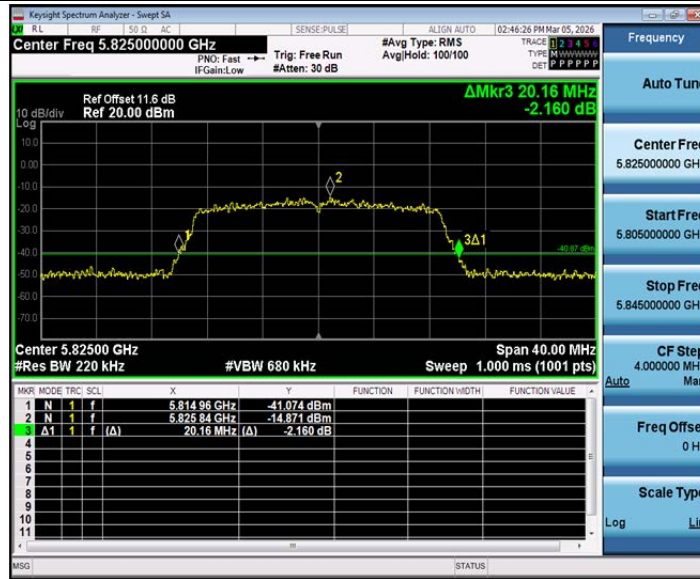
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

