

RF TEST REPORT

FCC ID: 2A70H-EA-XRN-7B004

Test Report No.....: RF240314002-03-002

Product(s) Name.....: Industrial touch all-in-one PC

Model(s).....: EA-XRN-7B004

Trade Mark.....: N/A

Applicant.....: Shenzhen Tengtek Technology Co., Ltd

Address.....: Room 1202, Building 160, East Lisongkuang Community, Gongming
Street, Guangming District, Shenzhen, China 518106

Receipt Date.....: 2024.03.24

Test Date.....: 2024.03.26~2024.04.11

Issued Date.....: 2024.04.15

Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
ANSI C63.10:2013

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

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Table of Contents

History of this test report.....	4
1. General Information	5
1.1 Applicant.....	5
1.2 Manufacturer	5
1.3 Basic Description of Equipment Under Test.....	5
2. Summary of Test Results	7
2.1 Summary of Test Items	7
2.2 Application of Standard	7
2.3 Test Instruments.....	8
2.4 Operation Mode	9
2.5 Test Condition	9
2.6 Duty Cycle of Test Signal	9
2.7 Measurement Uncertainty	13
2.8 Test Location	13
2.9 SUPPORT UNITS	13
2.10 Deviation from Standards	13
2.11 Abnormalities from Standard Conditions	13
3. Test Procedure And Results	14
3.1 AC Power Line Conducted Emission.....	14
3.1.1 Limit	14
3.1.2 Test Procedure	14
3.1.3 Test Setup.....	14
3.1.4 Test Result.....	15
3.2 Radiated Emission.....	17
3.2.1 Limit	17
3.2.2 Test Procedure	18
3.2.3 Test Setup.....	19
3.2.4 Test Result.....	20
3.3 Spectrum Bandwidth	110
3.3.1 Limit	110

3.3.2	Test Procedure	110
3.3.3	Test Setup.....	111
3.3.4	Test Result.....	112
3.4	Conducted Output Power	184
3.4.1	Limit	184
3.4.2	Test Procedure	184
3.4.3	Test Setup.....	184
3.4.4	Table of Parameters of Text Software Setting.....	185
3.4.5	The Result.....	187
3.5	Power Spectral Density	189
3.5.1	Limit	189
3.5.2	Test Procedure	189
3.5.3	Test Setup.....	190
3.5.4	The Result.....	191

History of this test report

Original Report Issue Date: 2024.04.15

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Shenzhen Tengtek Technology Co., Ltd

Room 1202, Building 160, East Lisongkuang Community, Gongming Street, Guangming District, Shenzhen, China 518106

1.2 Manufacturer

Shenzhen Tengtek Technology Co., Ltd

Room 1202, Building 160, East Lisongkuang Community, Gongming Street, Guangming District, Shenzhen, China 518106

1.3 Basic Description of Equipment Under Test

Product No.	POC240314002-S003	
Equipment Name	Industrial touch all-in-one PC	
Model Name	EA-XRN-7B004	
Trade Mark	N/A	
Power Supply	DC 12V From Adapter	
Adapter Information	Model: HKA09012070-7U Input: 100-240V~, 50/60Hz 1.5A Output: 12V===7.0A, 84.0W	
Operating Temperature	0℃-45℃	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11a: 9.95dBm(0.010W)
	5250MHz ~5350MHz	802.11a: 8.84dBm(0.008W)
	5470MHz ~5725MHz	802.11ac40: 8.91dBm(0.008W)
	5725MHz ~5850MHz	802.11ac20: 11.62dBm(0.015W)
Product Type	IEEE 802.11a/n/ac: WLAN (SISO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz	
Modulation	OFDM	
Antenna gain	2.51dBi	
Antenna type	External antenna	
Data Rate (Mbps)	IEEE 11a mode : 6/9/12/18/24/36/48/54 IEEE 11n mode : up to 150 IEEE 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
5250-5350		5260-5320	52-64
5470-5725		5500-5700	100-140
5725-5850		5745-5825	149-165
5150-5250	802.11n /ac (40MHz)	5190-5230	38-46
5250-5350		5270-5310	54-62
5470-5725		5510-5670	102-134
5725-5850		5755-5795	151-159
5150-5250	802.11ac (80MHz)	5210	42
5250-5350		5290	58
5470-5725		5530-5610	106-122
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
Dynamic Frequency Selection (DFS)	15.407(h)	Pass	See the report RF240314002-03-003 for details
Note: The EUT has an external antenna and the antenna connector is designed RP-SMA antenna interface.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

ANSI C63.10:2013

2.3 Test Instruments

Radiated Emissions						
No.	Equipment	Manufacturer	Type No.	Serial No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	Test receiver	Rohde&Schwarz	ESU	100184	2023/5/3	2024/5/2
2	MXA Signal Analyzer	Keysight	N9010A	MY51440158	2023/4/22	2024/4/21
3	Log periodic antenna	Schwarzbeck	VULB 9168	1151	2023/5/4	2024/5/3
4	Low frequency amplifier	/	LNA 0920N	2014	2023/5/3	2024/5/2
5	High frequency amplifier	Schwarzbeck	BBV 9718	284	2023/5/3	2024/5/2
6	Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1273	2023/5/4	2024/5/3
7	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
8	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	2023/7/16	2024/7/15
9	Loop Antenna	SCHWARZBECK	FMZB1519 B	00029	2023/7/16	2024/7/15
10	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	2023/5/3	2024/5/2
13	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2			
Conducted Emission						
1	LISN	Rohde&Schwarz	ENV216	100075	2023/5/3	2024/5/2
2	ISN	Schwarzbeck	CATE 5 8158	#171	2023/5/3	2024/5/2
3	Test receiver	Rohde&Schwarz	ESCI	100718	2023/5/3	2024/5/2
4	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	2023/5/3	2024/5/2
5	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
6	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2			
RF Conducted Emission						
1	MXA Signal Analyzer	Keysight	N9021B	MY60080169	2023/4/23	2024/4/22
2	RF Control Unit	dsusoft	JS0806-2	21G8060449	2023/4/23	2024/4/22
3	power supply unit	dsusoft	JS0806-4ADC	N/A	2023/4/23	2024/4/22
4	VXG Signal Generator	Keysight	M9384B	MY61270787	2023/4/23	2024/4/22
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	2023/4/23	2024/4/22
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002 K50-116064-Dt	2023/4/23	2024/4/22
7	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	25°C, 53% RH	AC 120V/60Hz	Freedom Zhuo
Radiated Emission	24°C, 51% RH	AC 120V/60Hz	Freedom Zhuo
Spectrum Bandwidth	24.4°C, 53% RH	DC 12V	Albert Fan
Conducted Power	24.4°C, 53% RH	DC 12V	Albert Fan
Power Spectral Density	24.4°C, 53% RH	DC 12V	Albert Fan

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 12V DC, 0~45°C

2.6 Duty Cycle of Test Signal

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

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

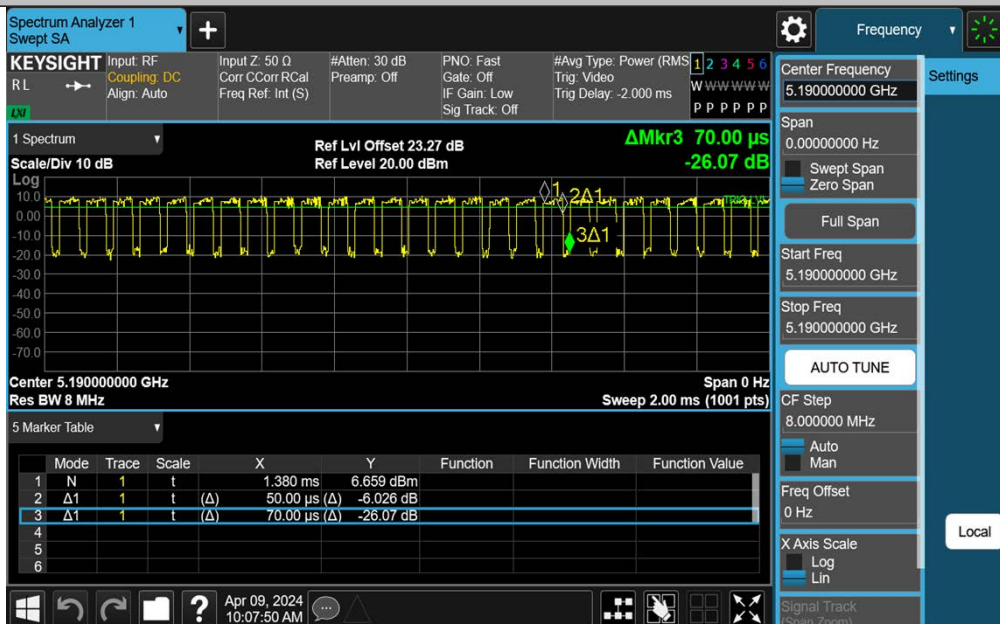
All the duty factor of other test mode have been considered.

Test Mode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	5180	2.06	2.08	99.04
11N20	5180	1.92	1.94	98.97
11N40	5190	0.05	0.07	71.43
11AC20	5180	0.05	0.07	71.43
11AC40	5190	0.06	0.08	75.00
11AC80	5210	0.12	0.15	80.00

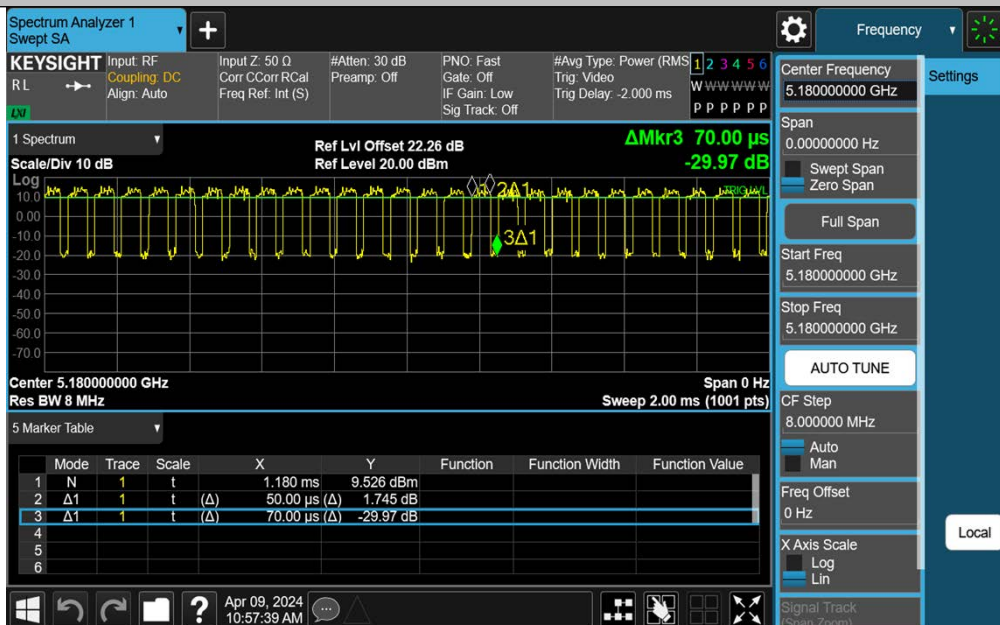
Test Graphs



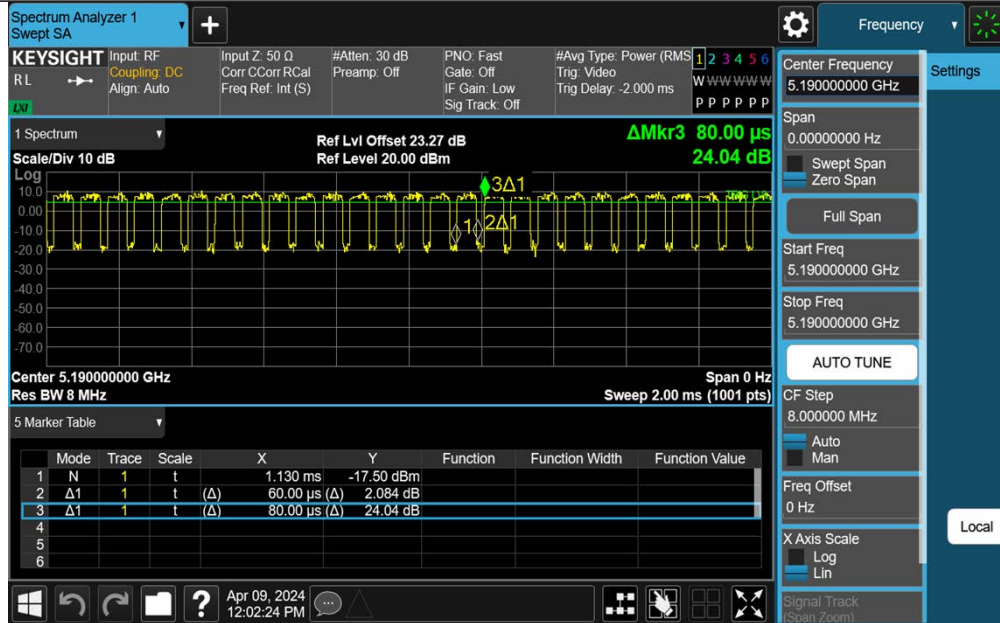
11N40_5190



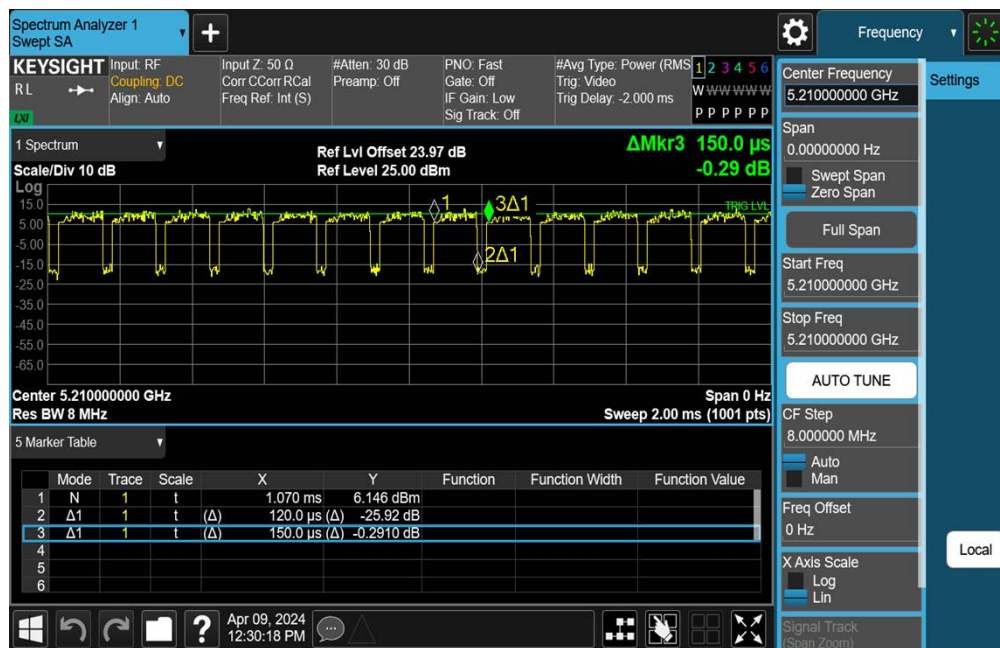
11AC20_5180



11AC40_5190



11AC80_5210



2.7 Measurement Uncertainty

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

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

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

2.8 Test Location

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

2.9 SUPPORT UNITS

No.	Equipment	Model	Manufacturer	Series No
1	Displayer	T24S-28	LENOVO	M032004854IT
2	Mouse	DOK-680U	LENOVO	701E8328
3	Earphone	E1	LENOVO	/
4	USB Disk	32GB	Kingston	/
5	Keyboard	SK-8827	LENOVO	21R1ADL

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.

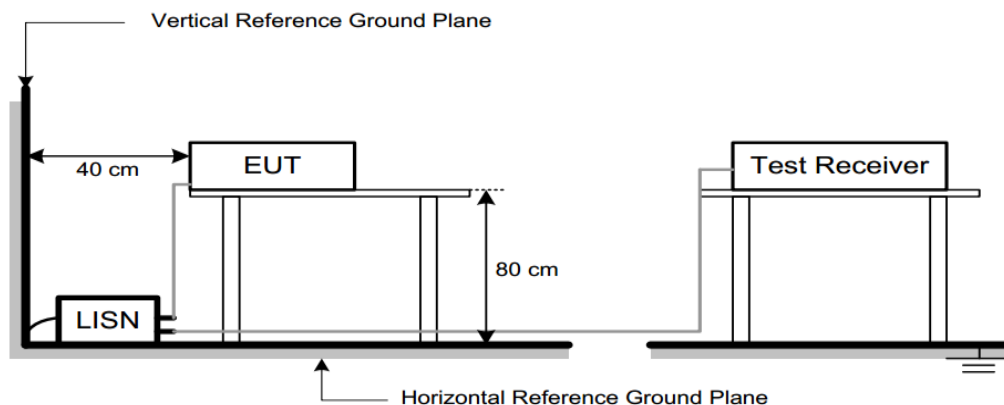
2. The lower limit shall apply at the transition frequencies.

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



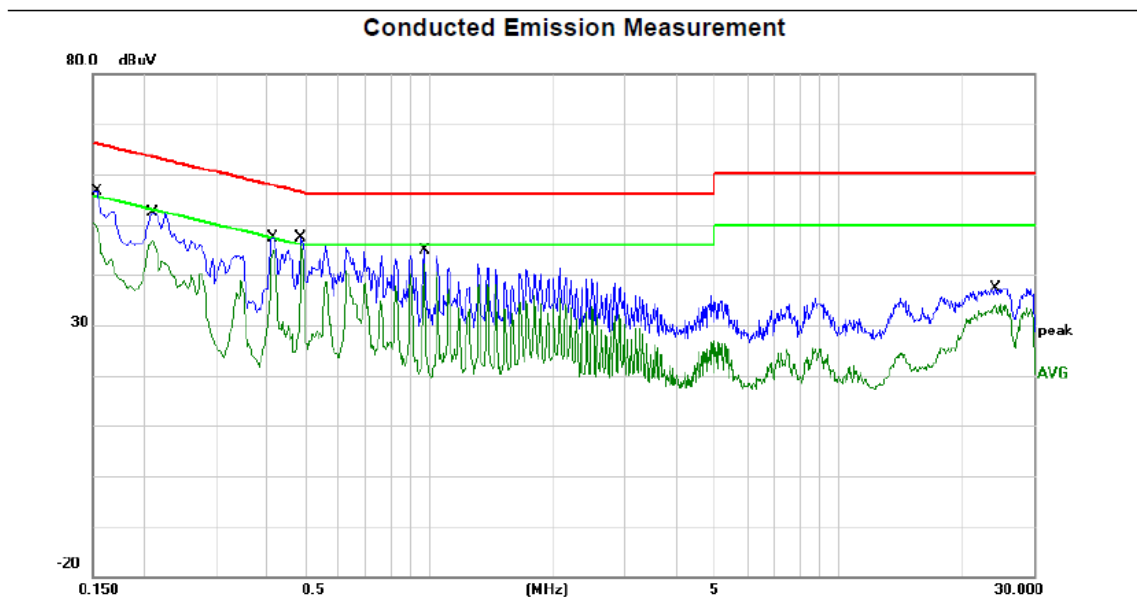
3.1.4 Test Result

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 AC20 Mode Channel 165 is found to be the worst case and recorded.

150kHz~30MHz	TX AC20 Channel 165
--------------	---------------------

Line



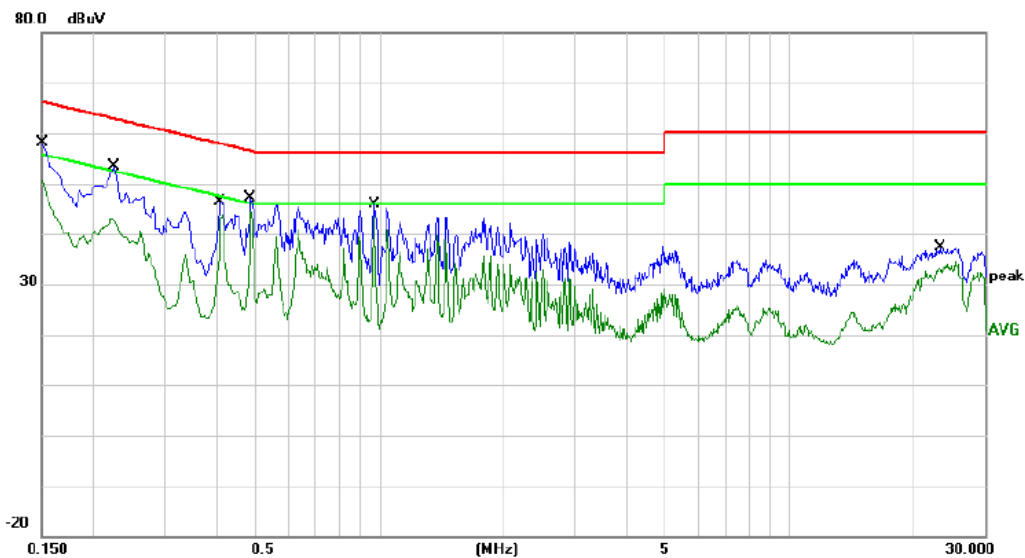
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1540	32.57	20.06	52.63	65.78	-13.15	QP	
2		0.1540	27.16	20.06	47.22	55.78	-8.56	AVG	
3		0.2100	25.47	19.99	45.46	63.21	-17.75	QP	
4		0.2100	20.75	19.99	40.74	53.21	-12.47	AVG	
5		0.4140	24.46	20.34	44.80	57.57	-12.77	QP	
6		0.4140	23.33	20.34	43.67	47.57	-3.90	AVG	
7		0.4860	24.57	20.23	44.80	56.24	-11.44	QP	
8 *		0.4860	25.34	20.23	45.57	46.24	-0.67	AVG	
9		0.9740	24.11	20.03	44.14	56.00	-11.86	QP	
10		0.9740	22.82	20.03	42.85	46.00	-3.15	AVG	
11		24.1820	14.33	20.05	34.38	60.00	-25.62	QP	
12		24.1820	11.20	20.05	31.25	50.00	-18.75	AVG	

150kHz~30MHz

TX AC20 Channel 165

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	35.90	20.30	56.20	66.00	-9.80	QP	
2		0.1500	30.92	20.30	51.22	56.00	-4.78	AVG	
3		0.2260	28.92	20.19	49.11	62.60	-13.49	QP	
4		0.2260	22.21	20.19	42.40	52.60	-10.20	AVG	
5		0.4100	24.65	20.22	44.87	57.65	-12.78	QP	
6		0.4100	23.42	20.22	43.64	47.65	-4.01	AVG	
7		0.4860	25.04	20.06	45.10	56.24	-11.14	QP	
8 *		0.4860	24.40	20.06	44.46	46.24	-1.78	AVG	
9		0.9740	24.73	20.02	44.75	56.00	-11.25	QP	
10		0.9740	23.54	20.02	43.56	46.00	-2.44	AVG	
11		23.3180	14.46	20.02	34.48	60.00	-25.52	QP	
12		23.3180	12.58	20.02	32.60	50.00	-17.40	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 $\text{dB}\mu\text{V} = 20 \log$ 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.

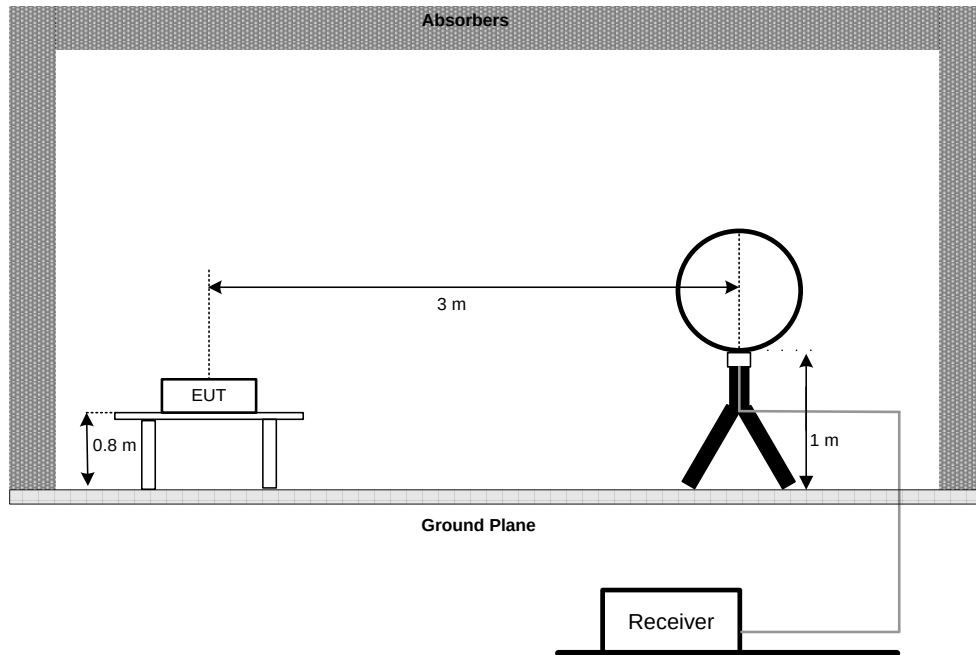
3.2.2 Test Procedure

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	

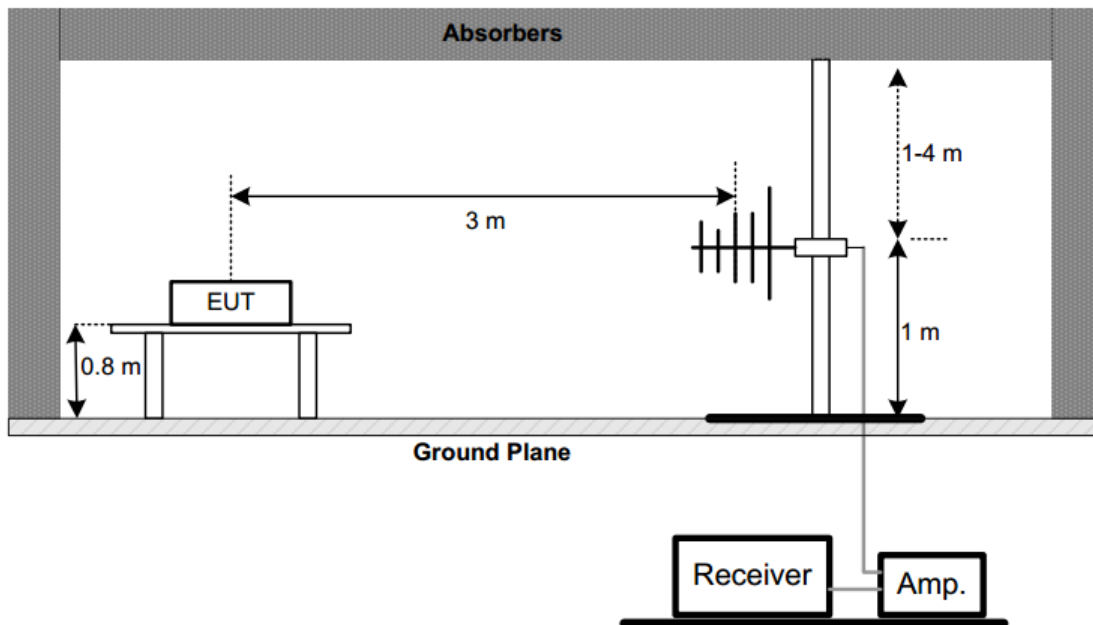
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

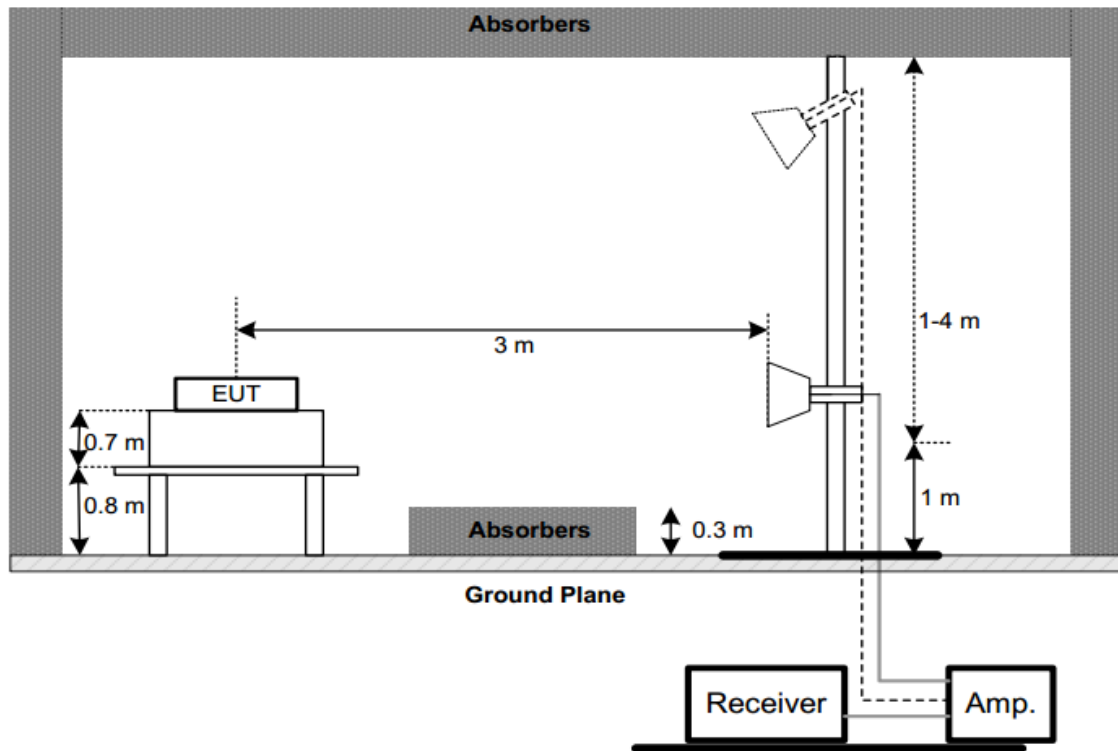
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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-1G

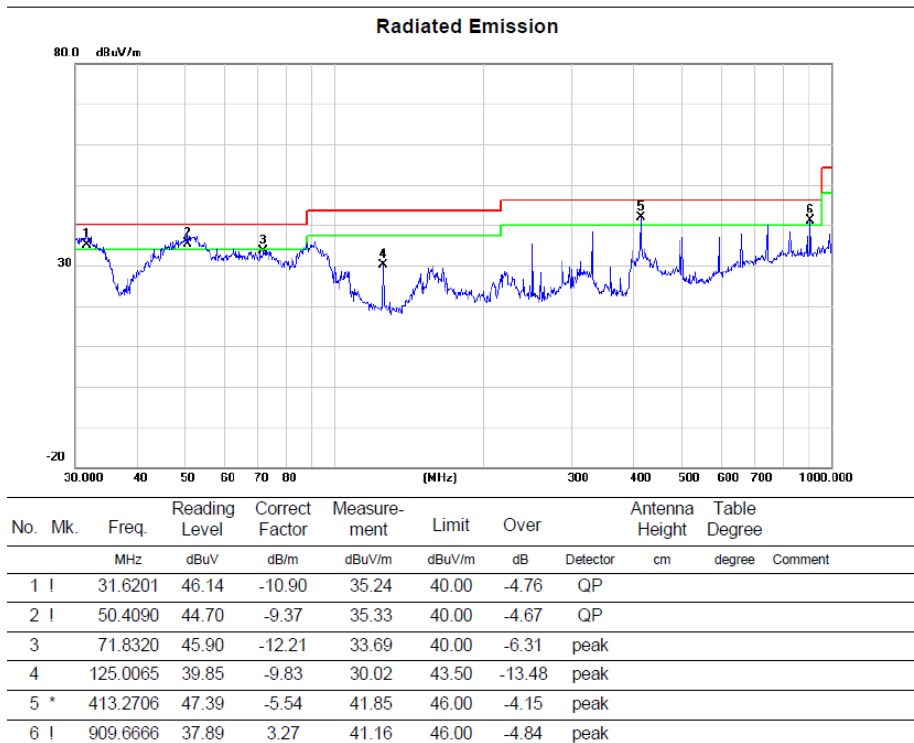
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX AC20 Mode Channel 165 is found to be the worst case and recorded.

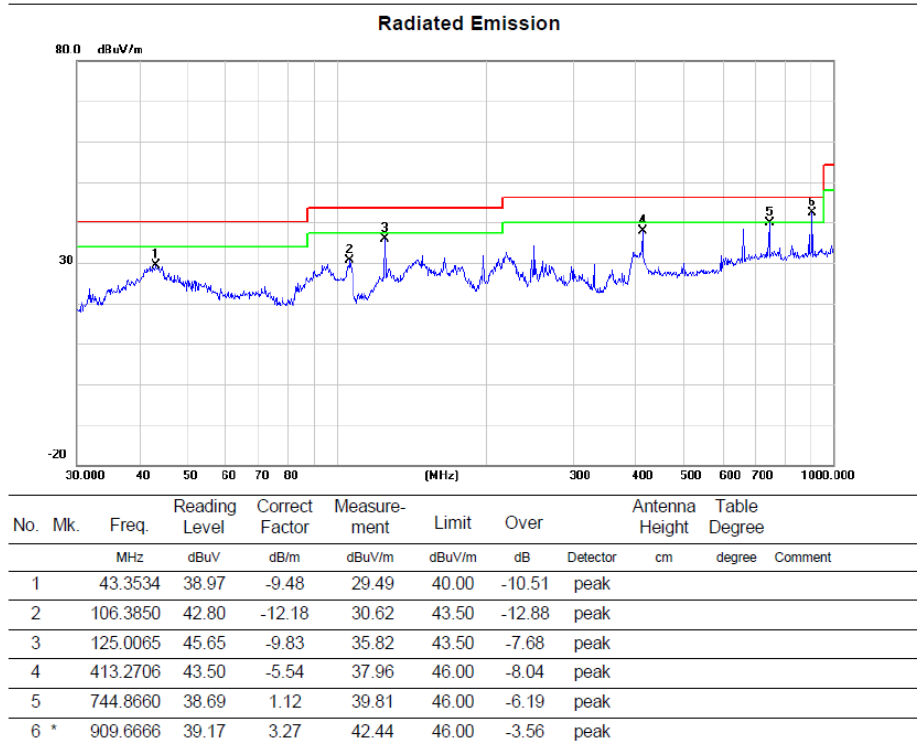
Below 1G (30MHz~1GHz)

TX AC20 Channel 165

VERTICAL



HORIZONTAL



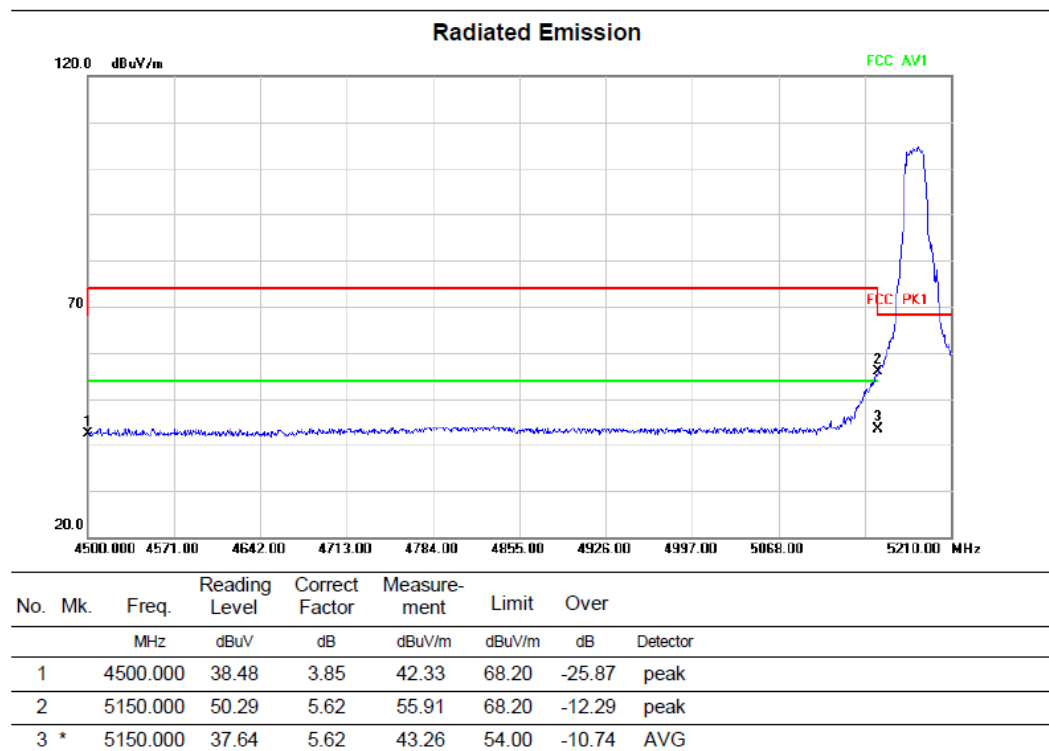
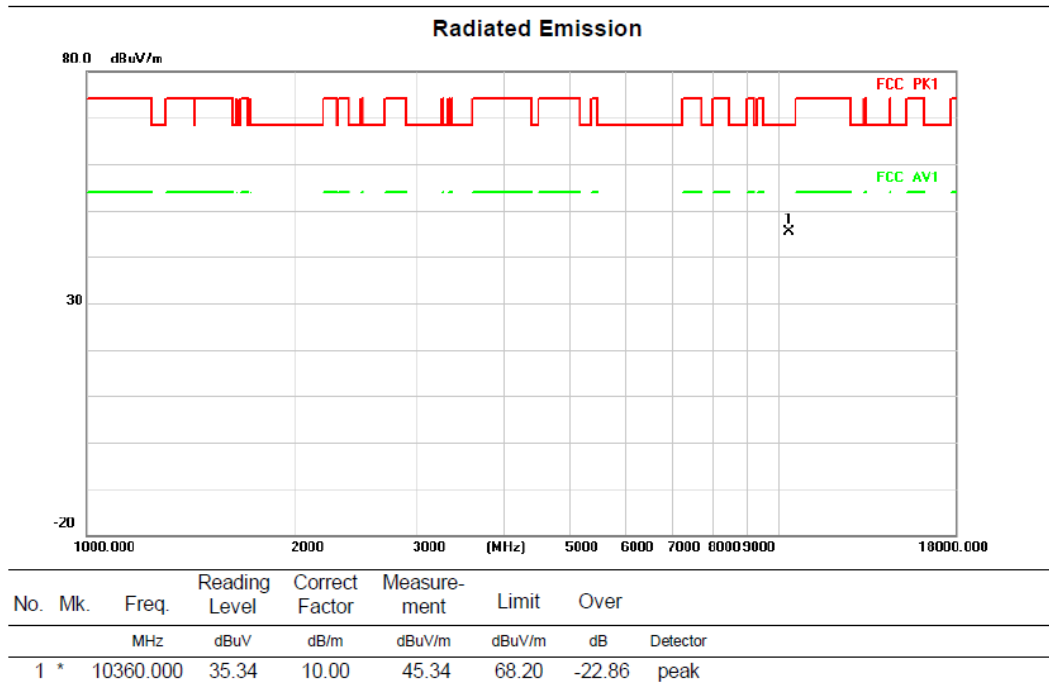
3) Radiated emission: Above 1G

Note:

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

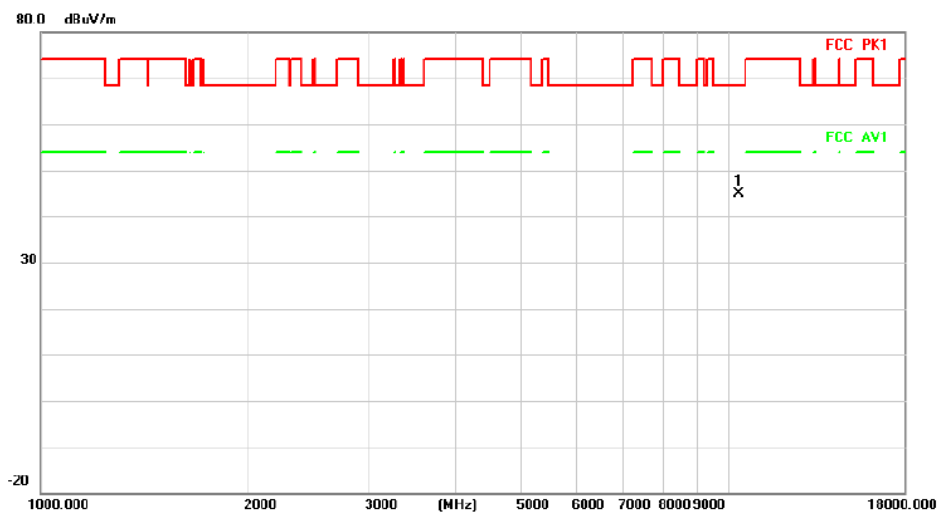
Above 1G (1GHz~18GHz)	Test mode:11A	Test Channel:36
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VERTICAL



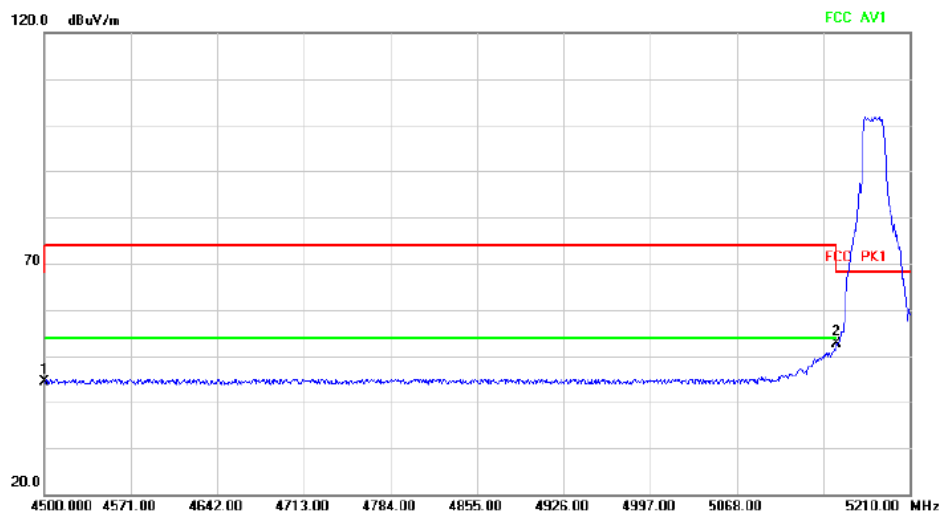
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10360.000	34.89	10.00	44.89	68.20	-23.31	peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4500.000	40.46	3.85	44.31	68.20	-23.89	peak
2	*	5150.000	47.09	5.62	52.71	68.20	-15.49	peak

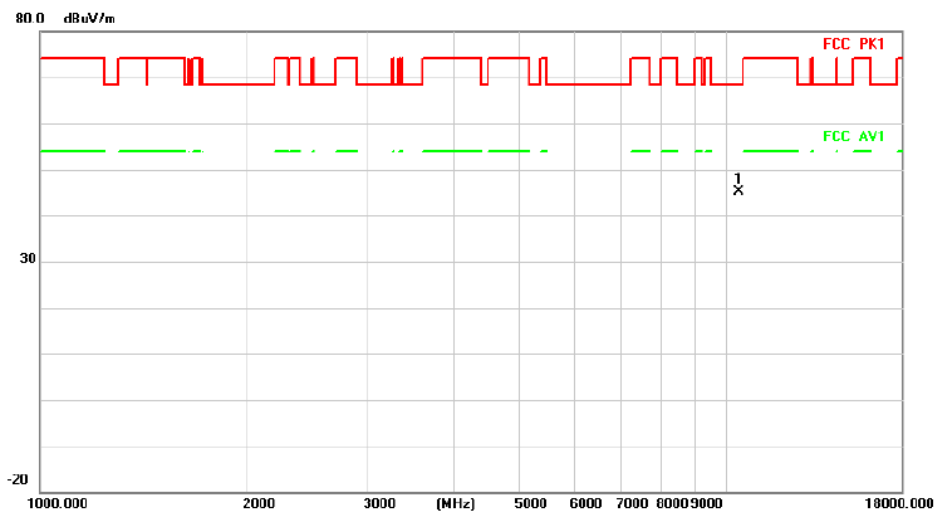
Above 1G (1GHz~18GHz)

Test mode: 11A

Test Channel:40

VERTICAL

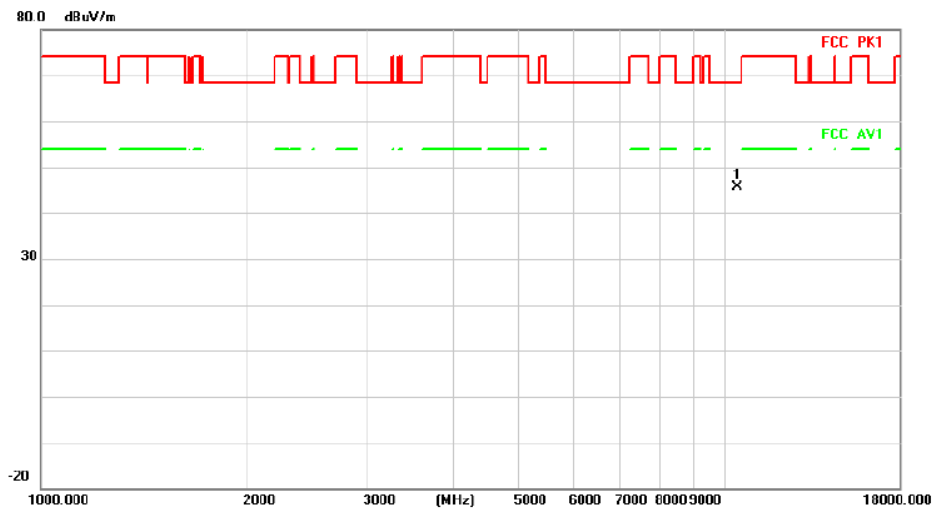
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10400.000	35.14	10.00	45.14	68.20	-23.06 peak

HORIZONTAL

Radiated Emission



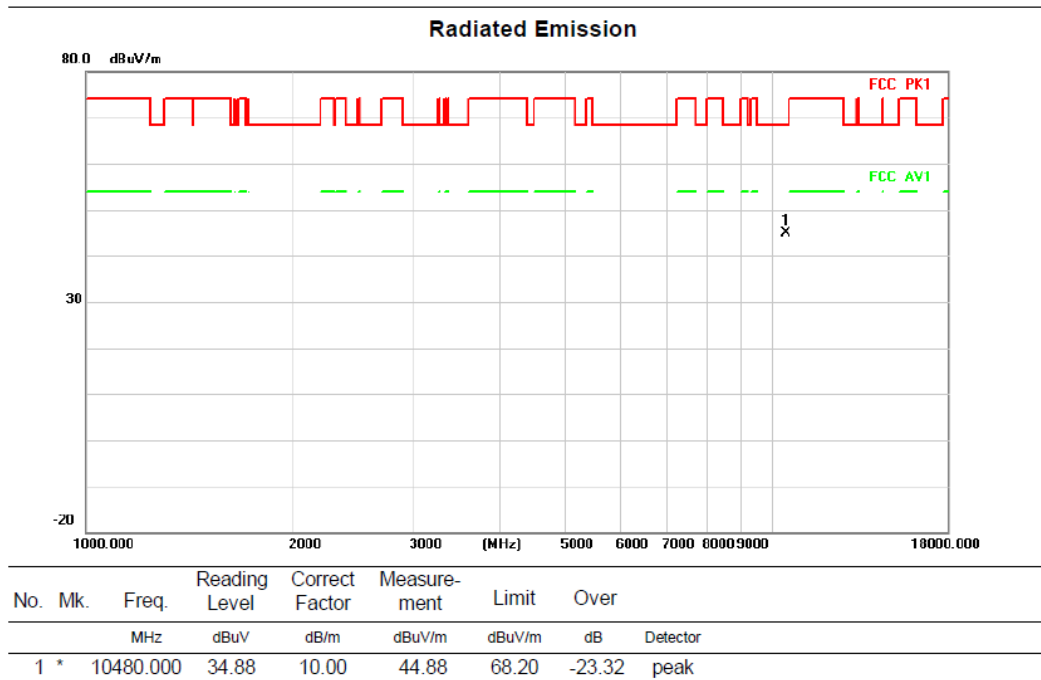
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10400.000	35.71	10.00	45.71	68.20	-22.49 peak

Above 1G (1GHz~18GHz)

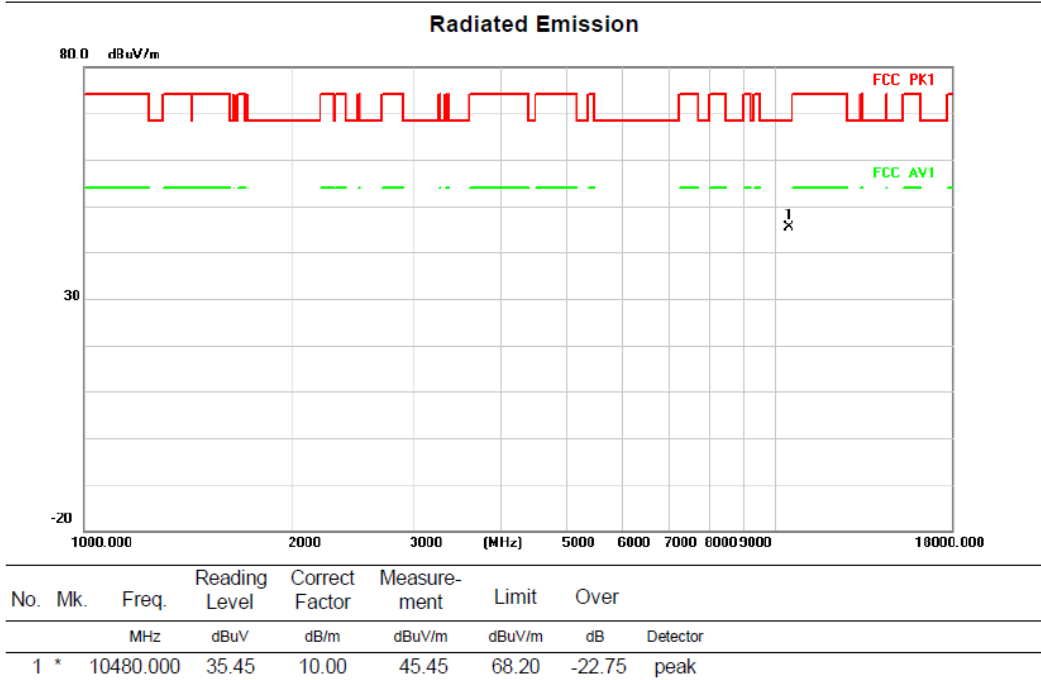
Test mode: 11A

Test Channel:48

VERTICAL



HORIZONTAL



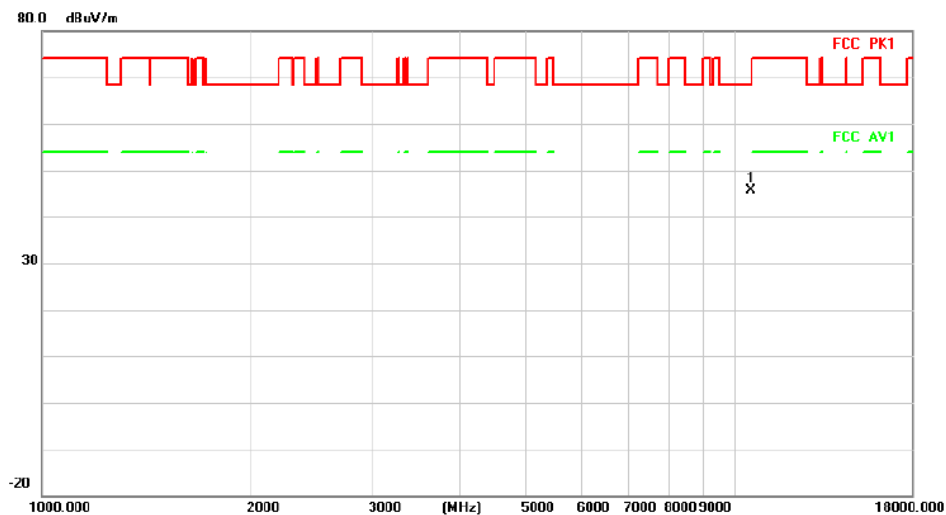
Above 1G (1GHz~18GHz)

Test mode: 11A

Test Channel:52

VERTICAL

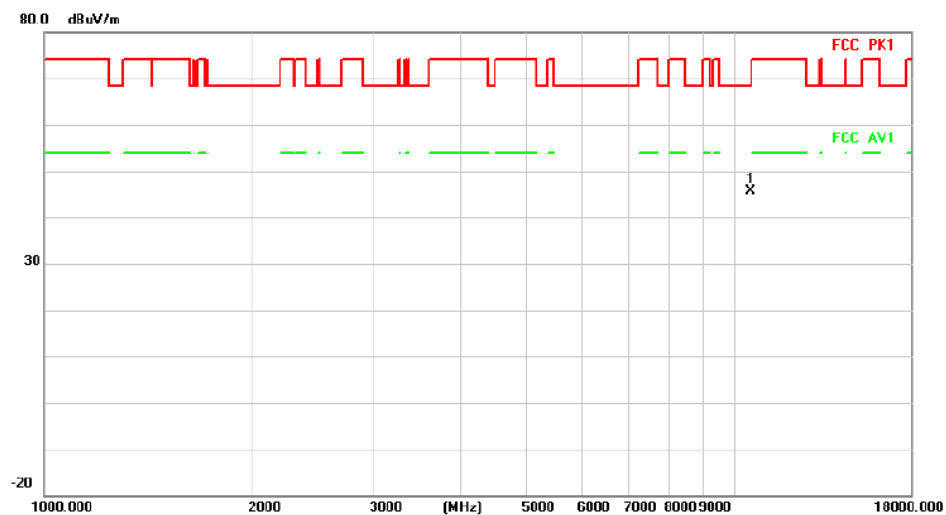
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10520.000	35.74	10.00	45.74	68.20	-22.46 peak

HORIZONTAL

Radiated Emission



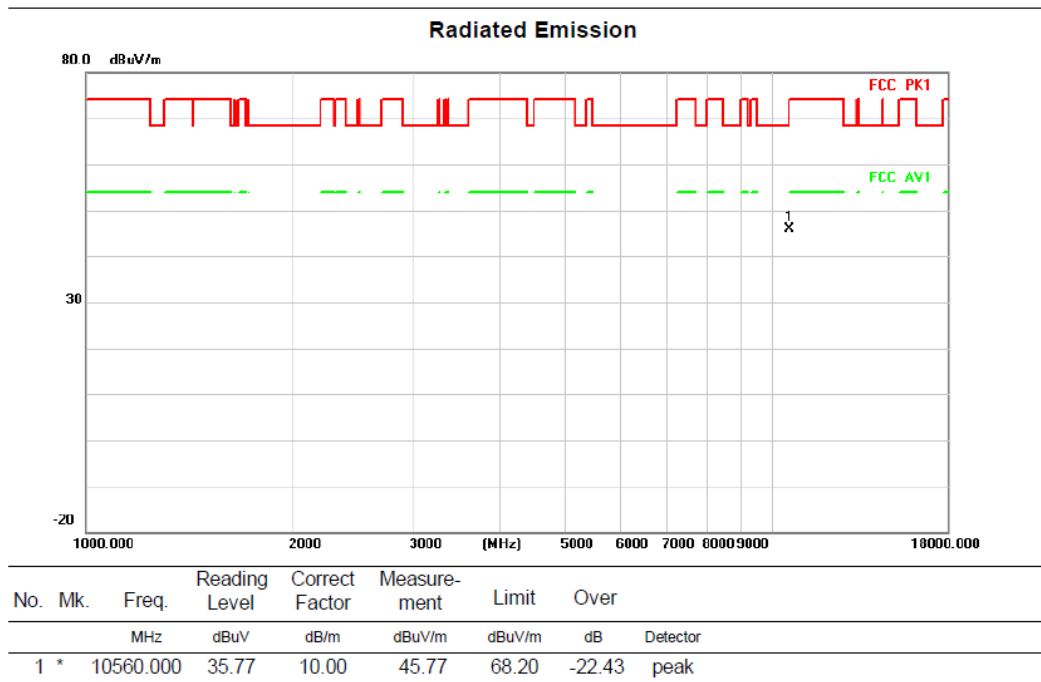
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10520.000	35.55	10.00	45.55	68.20	-22.65 peak

Above 1G (1GHz~18GHz)

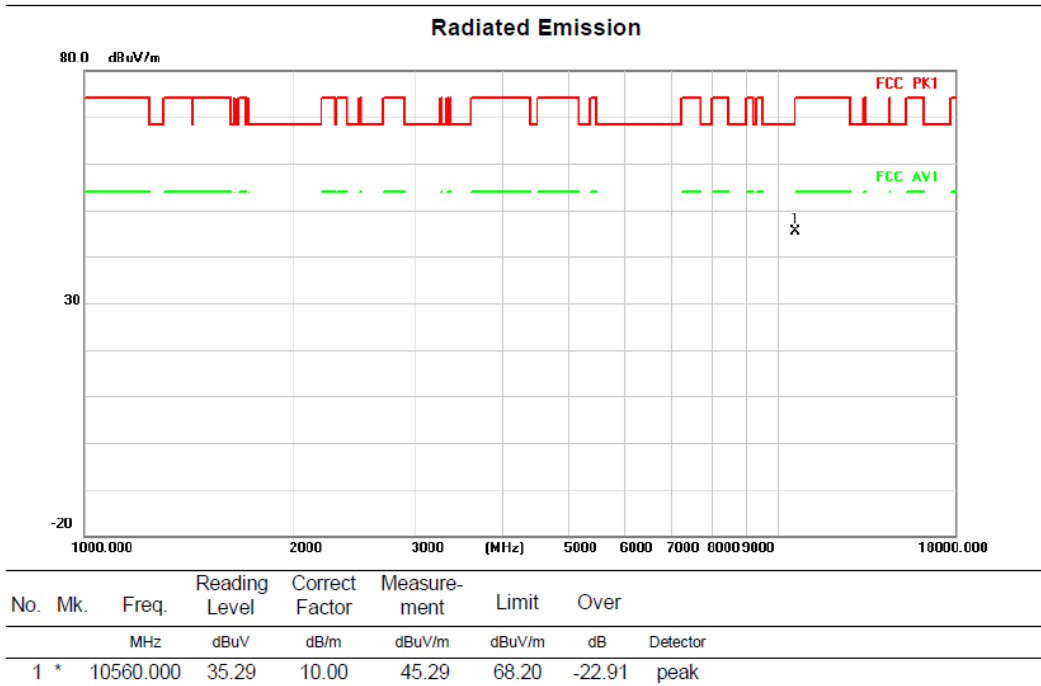
Test mode: 11A

Test Channel:56

VERTICAL



HORIZONTAL



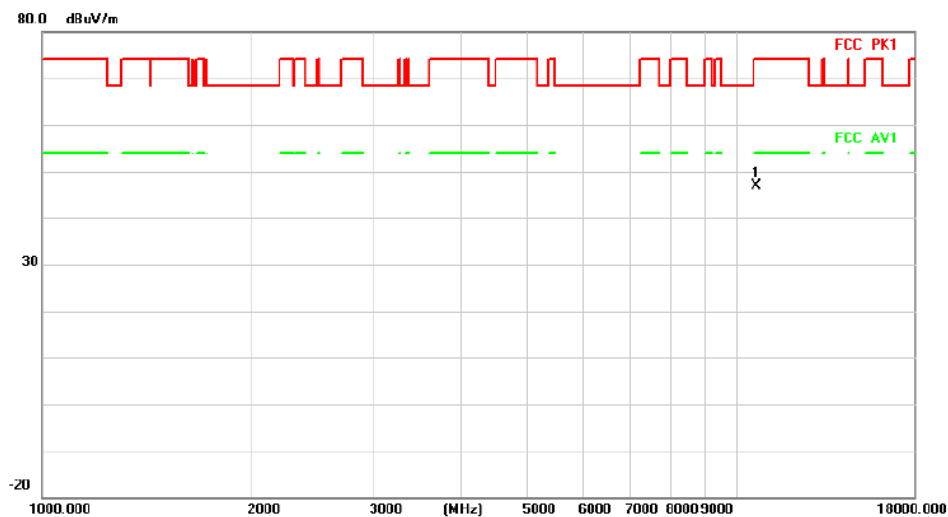
Above 1G (1GHz~18GHz)

Test mode: 11A

Test Channel:64

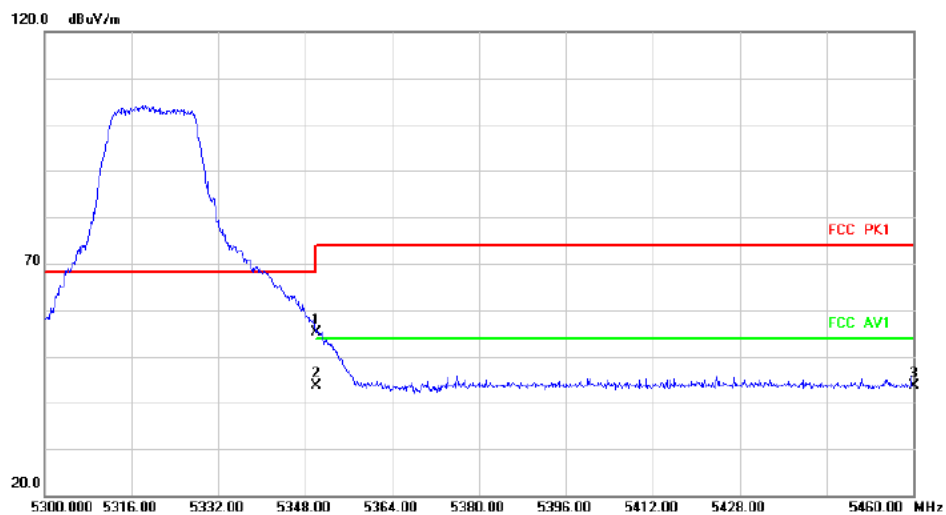
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10640.000	36.90	10.00	46.90	74.00	-27.10 peak

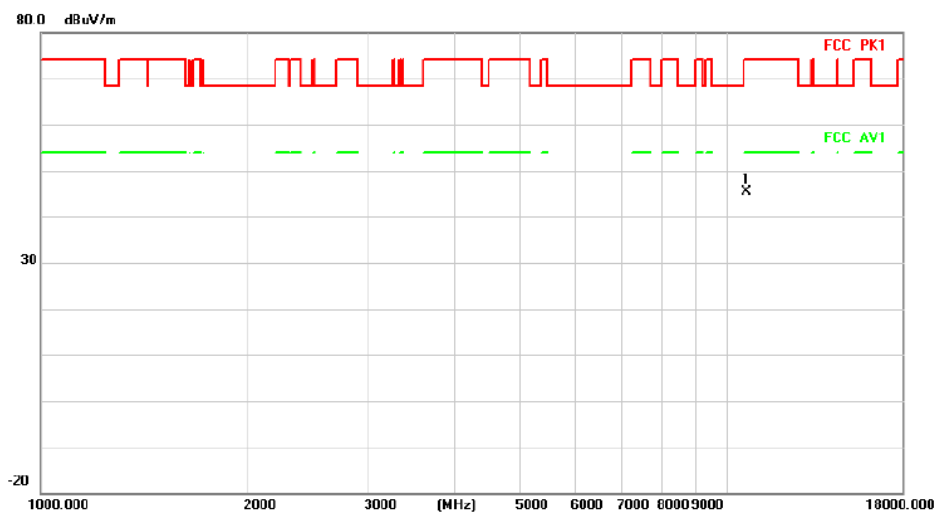
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	50.74	4.44	55.18	68.20	-13.02 peak
2	*	5350.000	39.31	4.44	43.75	54.00	-10.25 AVG
3		5460.000	39.01	4.51	43.52	68.20	-24.68 peak

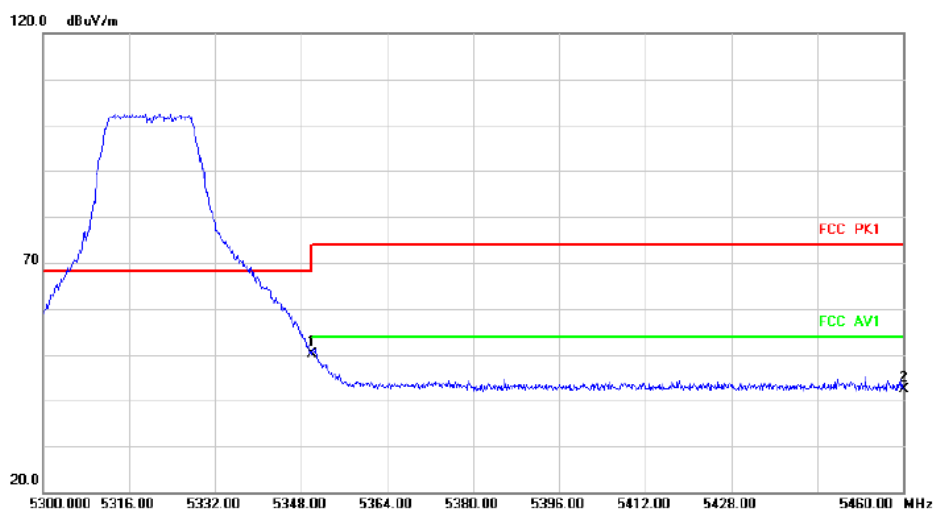
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1	*	10640.000	35.47	10.00	45.47	74.00	-28.53 peak

Radiated Emission



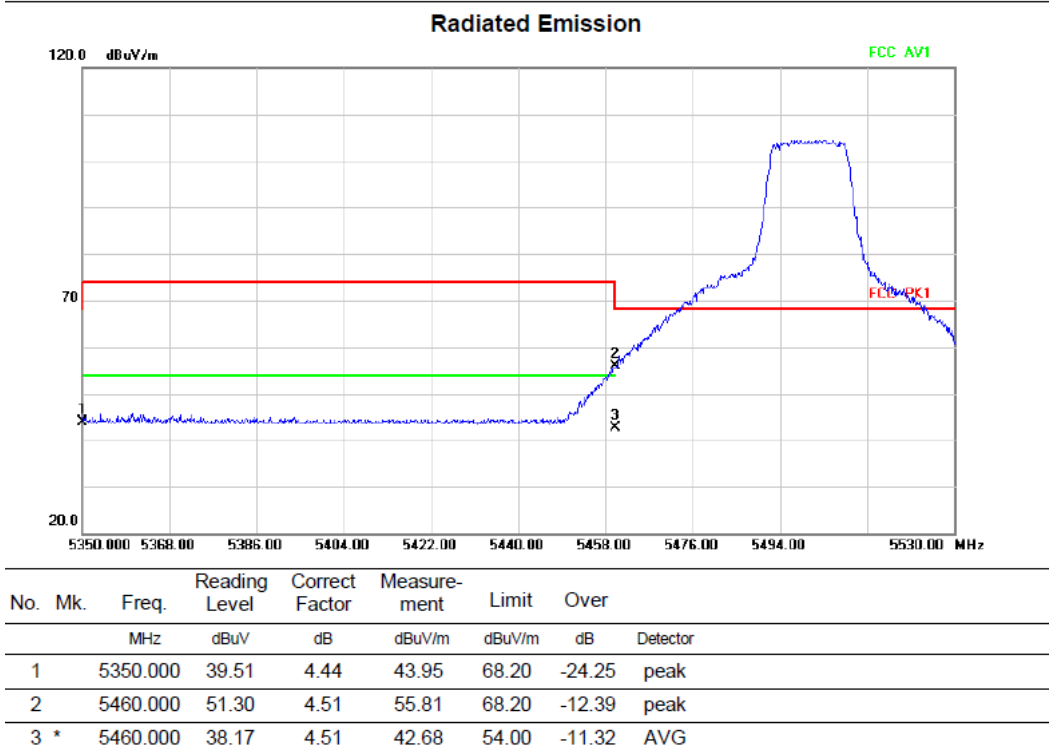
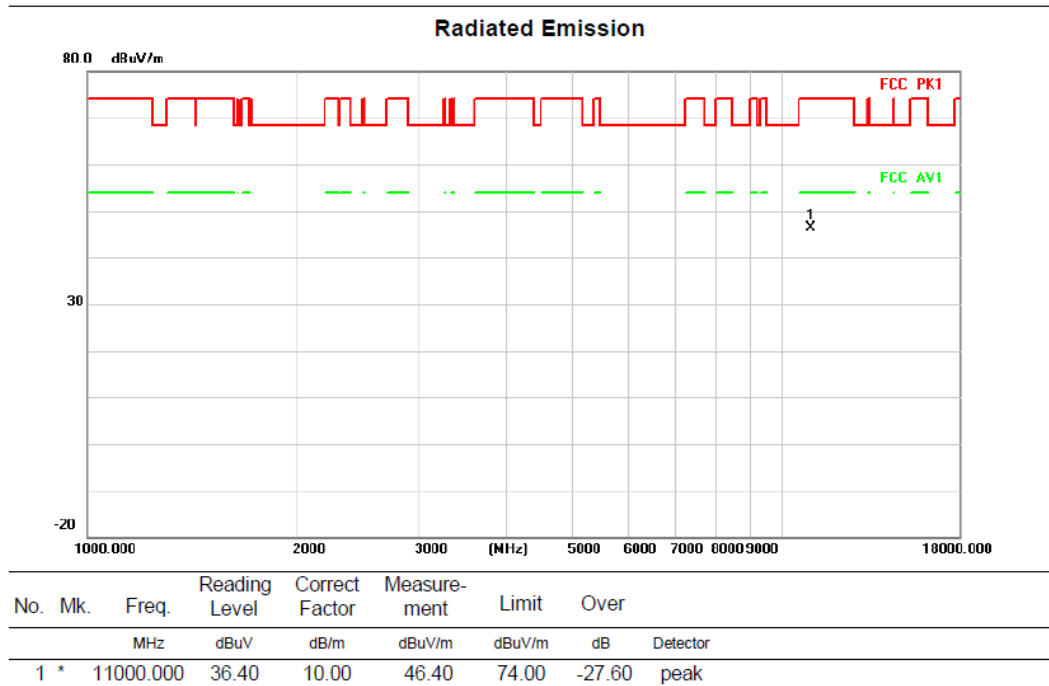
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	5350.000	45.76	4.44	50.20	68.20	-18.00 peak
2		5460.000	37.88	4.51	42.39	68.20	-25.81 peak

Above 1G (1GHz~18GHz)

Test mode: 11A

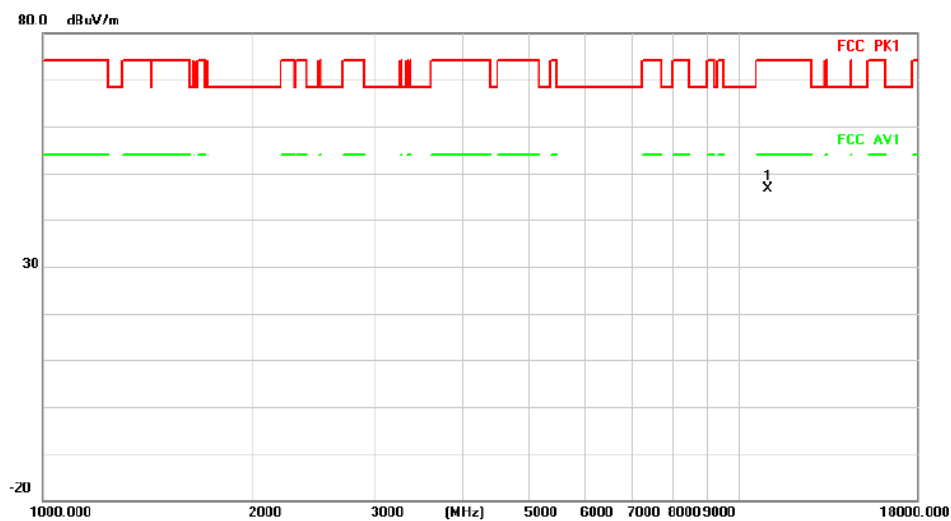
Test Channel:100

VERTICAL



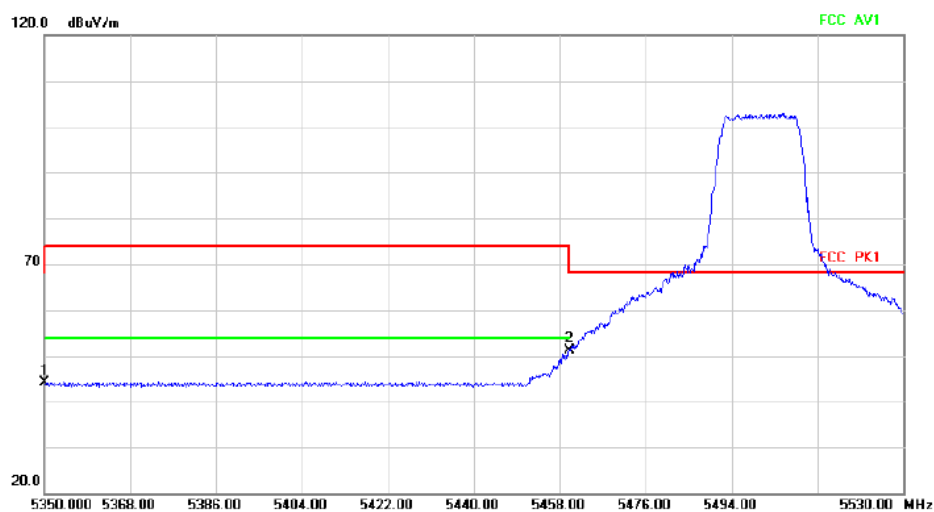
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11000.000	36.70	10.00	46.70	74.00	-27.30	peak

Radiated Emission



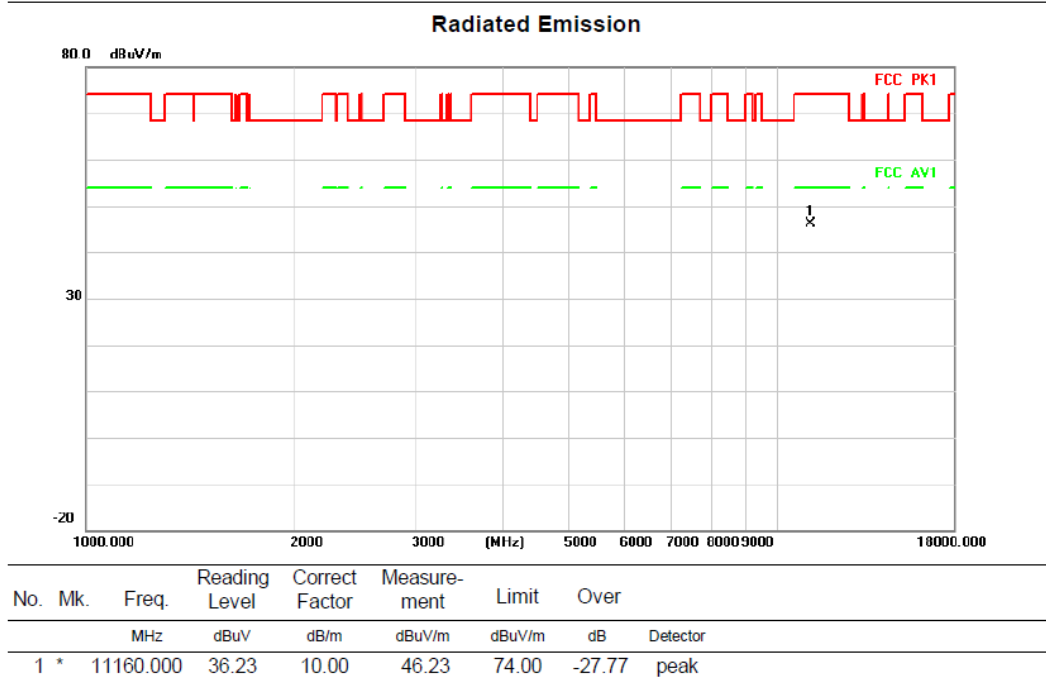
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	39.75	4.44	44.19	68.20	-24.01	peak
2	*	5460.000	46.59	4.51	51.10	68.20	-17.10	peak

Above 1G (1GHz~18GHz)

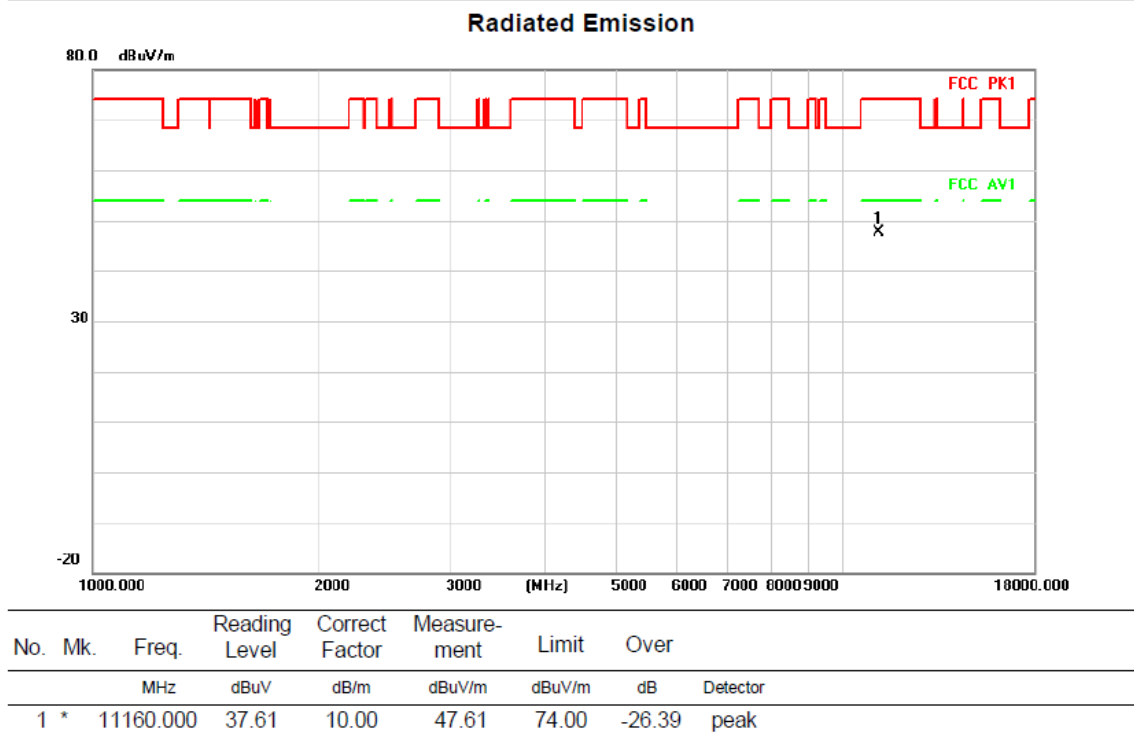
Test mode: 11A

Test Channel:116

VERTICAL



HORIZONTAL

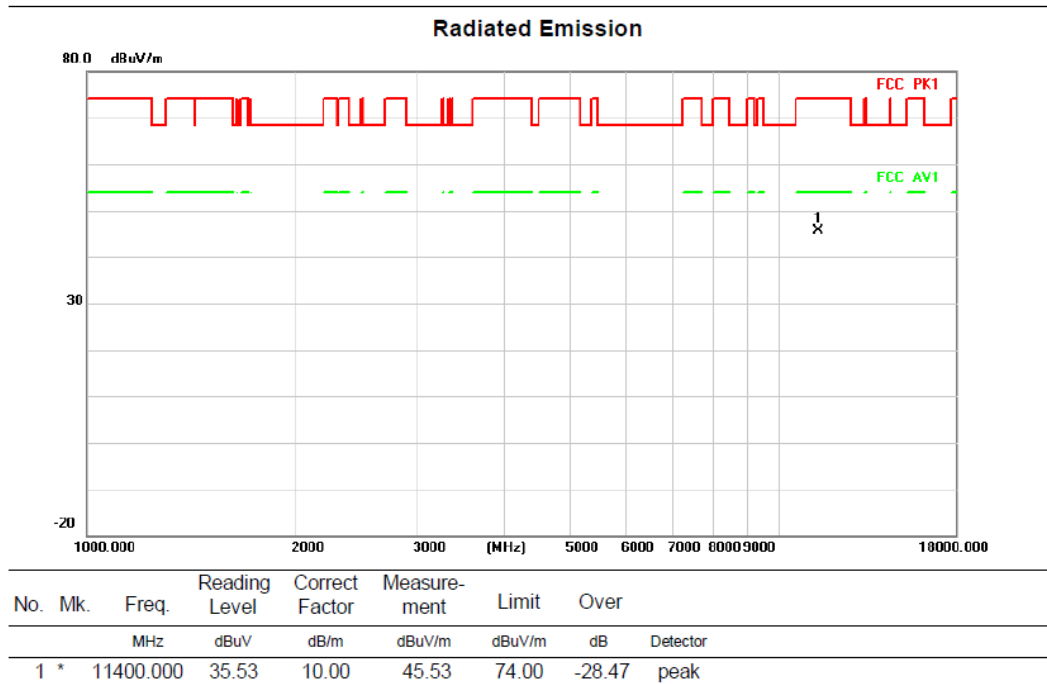


Above 1G (1GHz~18GHz)

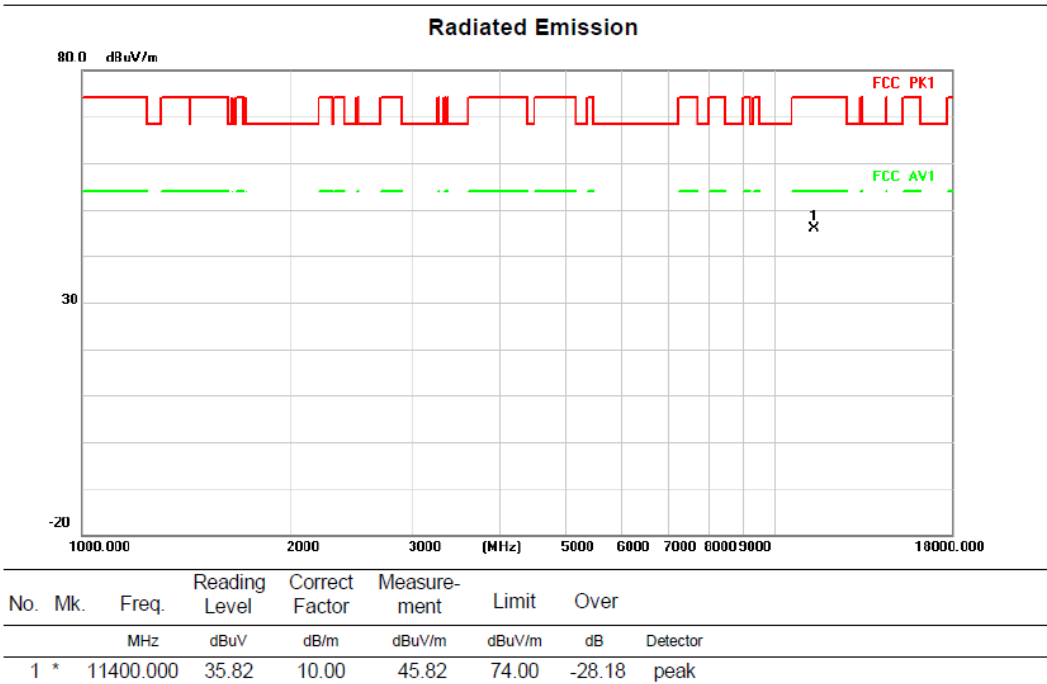
Test mode: 11A

Test Channel:140

VERTICAL

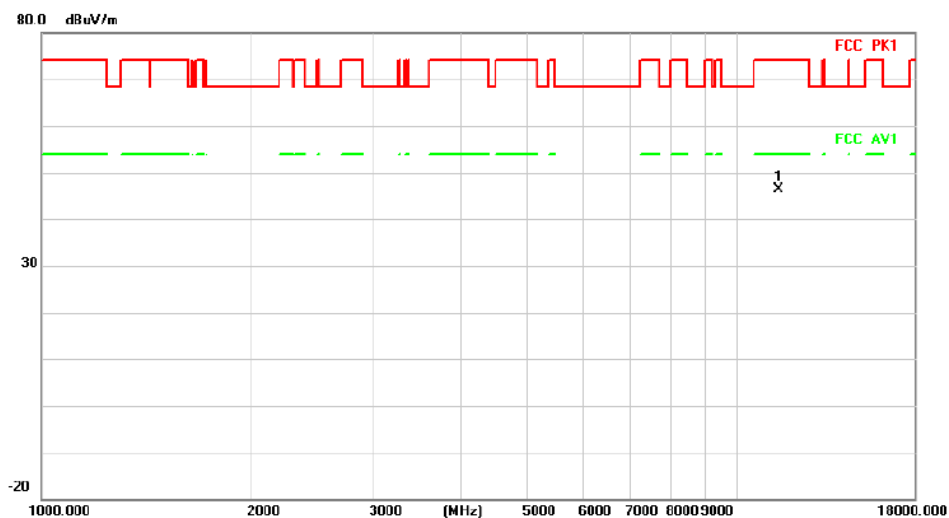


HORIZONTAL



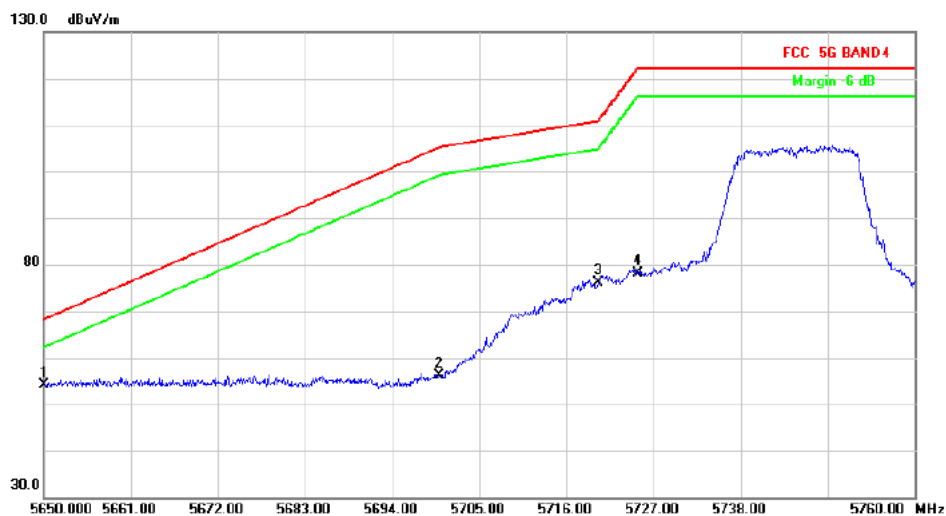
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11490.000	36.31	10.00	46.31	74.00	-27.69 peak

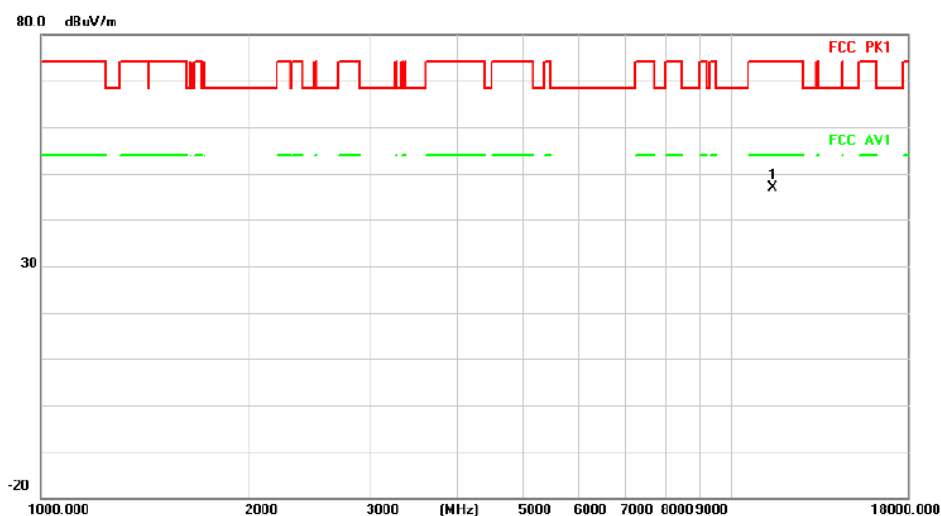
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	49.12	5.12	54.24	68.20	-13.96 peak
2		5700.000	50.61	5.46	56.07	105.20	-49.13 peak
3		5720.000	70.73	5.33	76.06	110.80	-34.74 peak
4		5725.000	72.92	5.30	78.22	12220	-43.98 peak

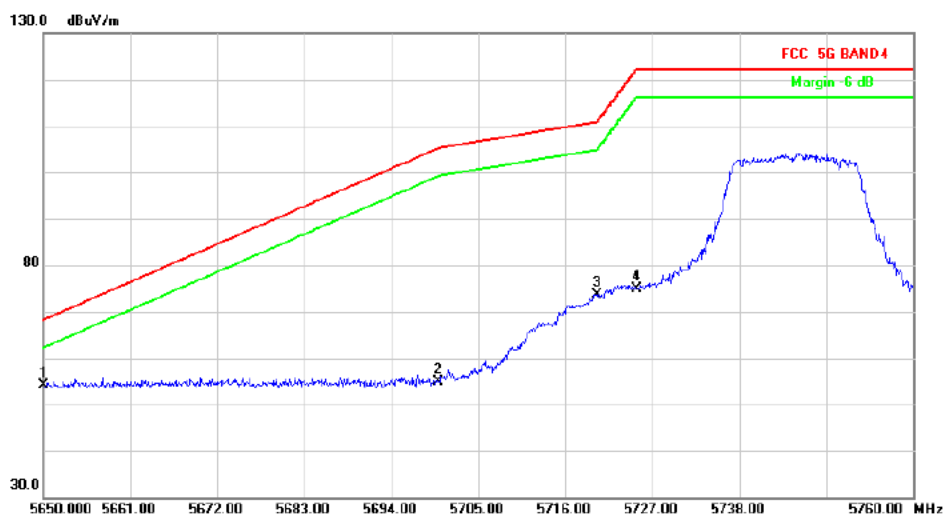
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11490.000	36.82	10.00	46.82	74.00	-27.18 peak

Radiated Emission



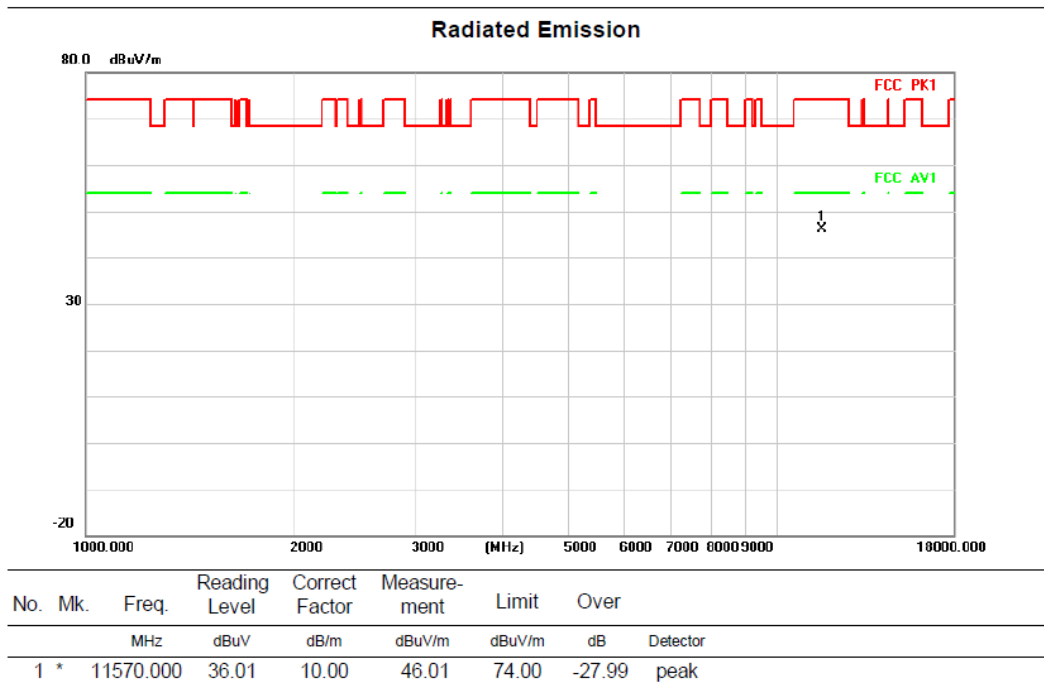
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	49.00	5.12	54.12	68.20	-14.08 peak
2		5700.000	49.34	5.46	54.80	105.20	-50.40 peak
3		5720.000	68.22	5.33	73.55	110.80	-37.25 peak
4		5725.000	69.67	5.30	74.97	122.20	-47.23 peak

Above 1G (1GHz~18GHz)

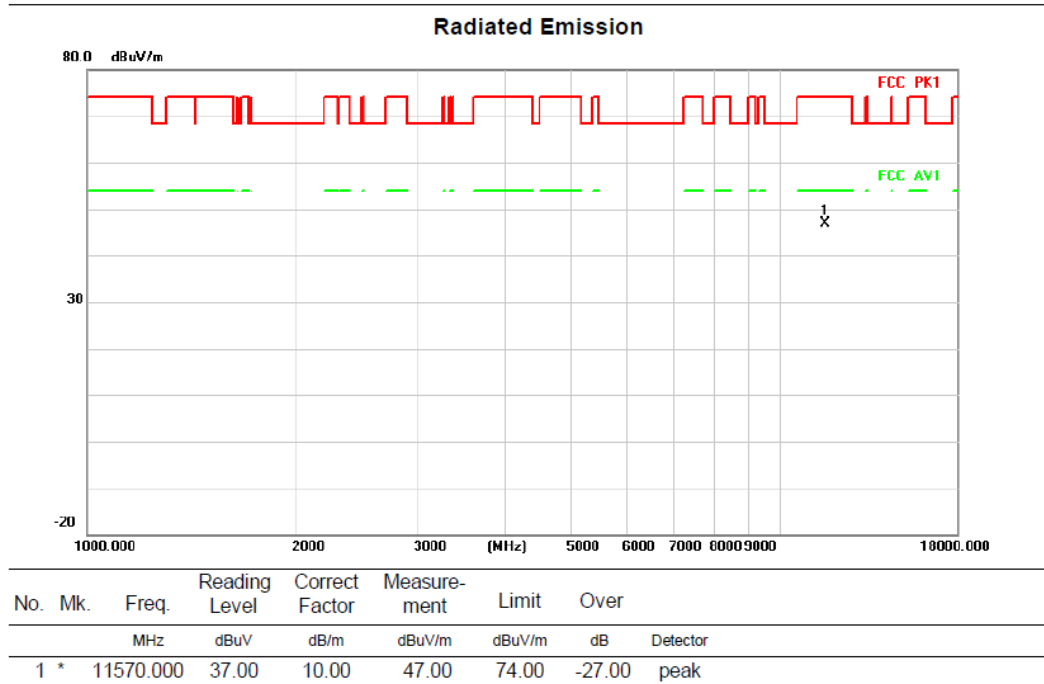
Test mode: 11A

Test Channel:157

VERTICAL

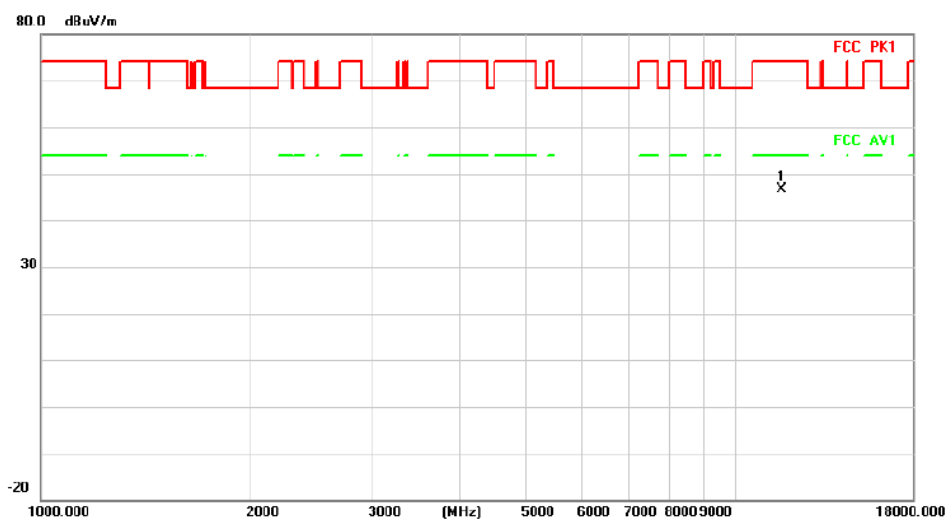


HORIZONTAL



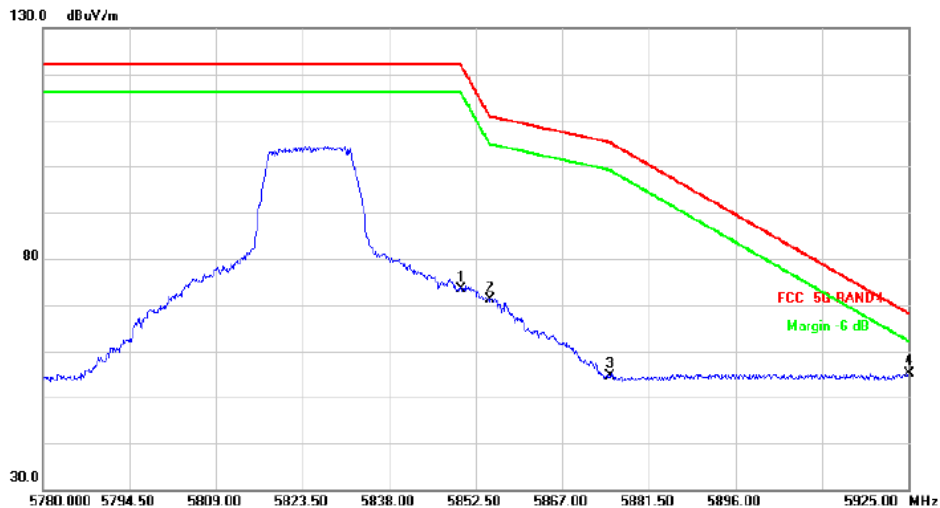
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1	*	11650.000	36.74	10.00	46.74	74.00	-27.26 peak

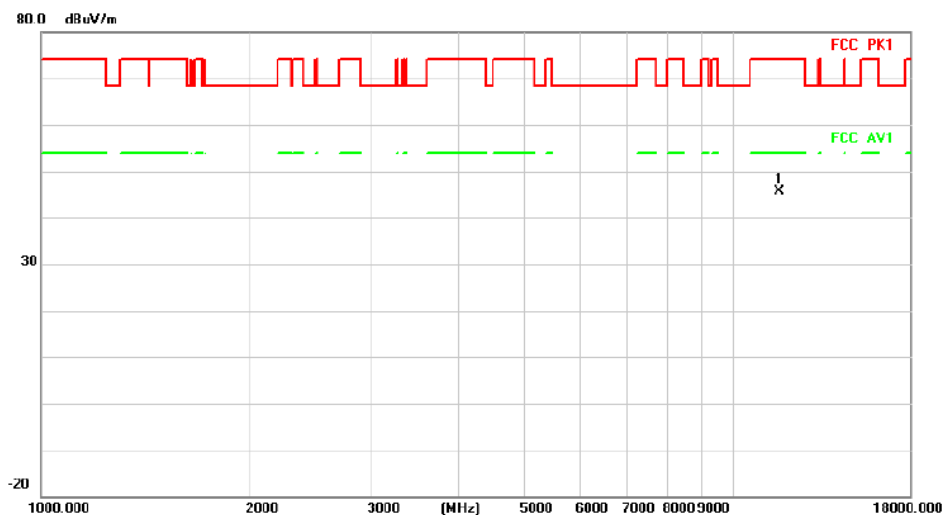
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1		5850.000	68.12	5.18	73.30	122.2	-48.90 peak
2		5855.000	65.81	5.25	71.06	110.80	-39.74 peak
3		5875.000	49.08	5.51	54.59	150.20	-50.61 peak
4	*	5925.000	48.88	6.28	55.16	68.20	-13.04 peak

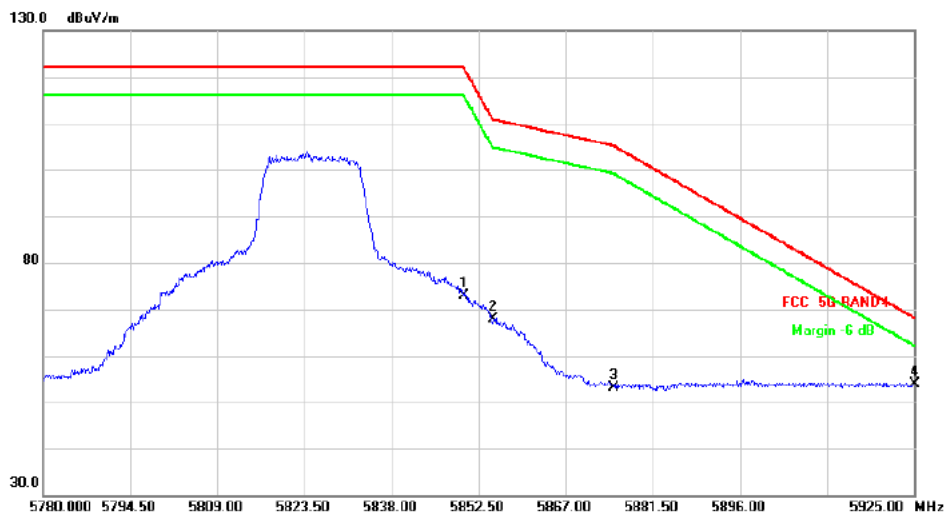
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11650.000	35.56	10.00	45.56	74.00	-28.44 peak

Radiated Emission



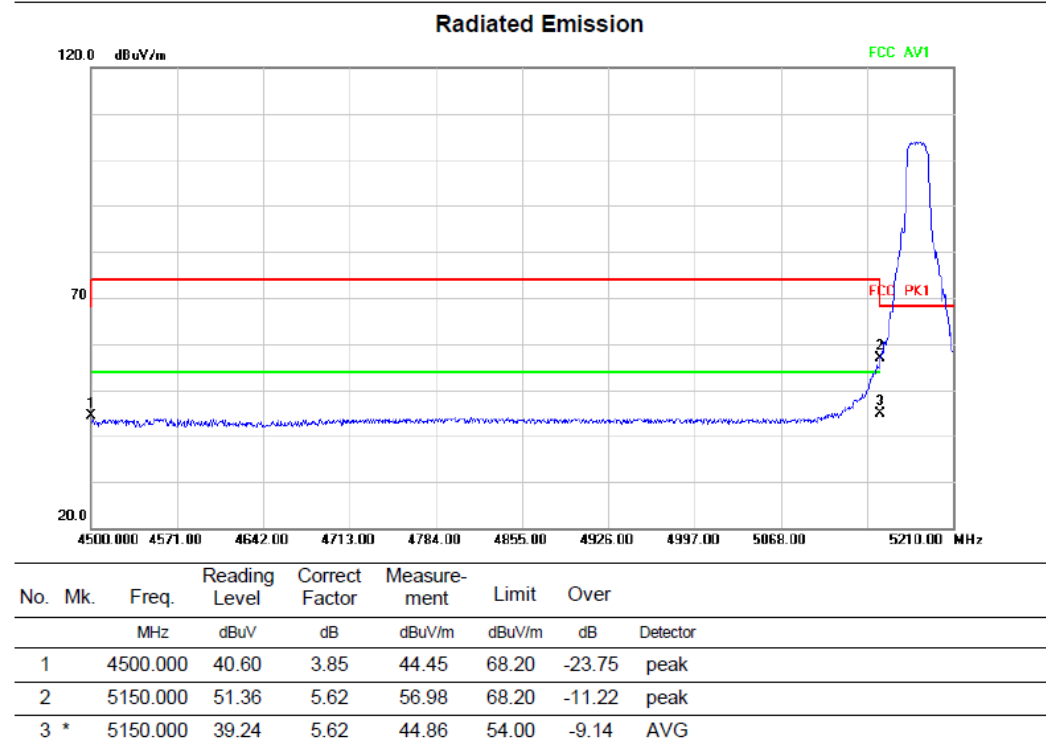
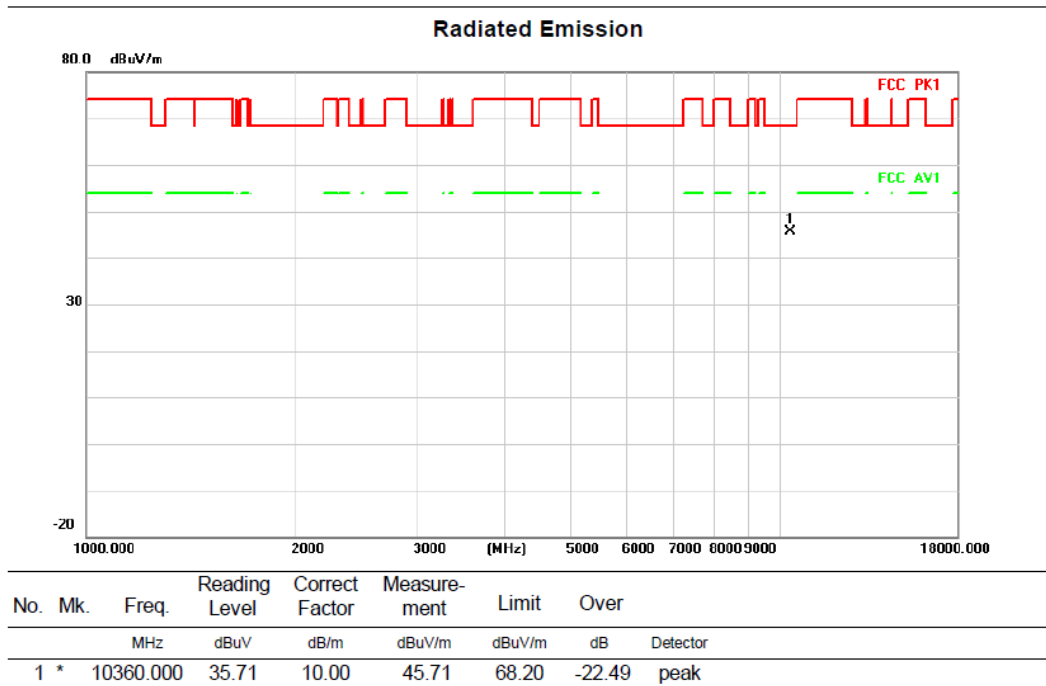
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	67.61	5.18	72.79	122.20	-49.41 peak
2		5855.000	62.70	5.25	67.95	110.80	-42.85 peak
3		5875.000	47.68	5.51	53.19	150.20	-52.01 peak
4	*	5925.000	47.66	6.28	53.94	68.20	-14.26 peak

Above 1G (1GHz~18GHz)

Test mode: 11N20

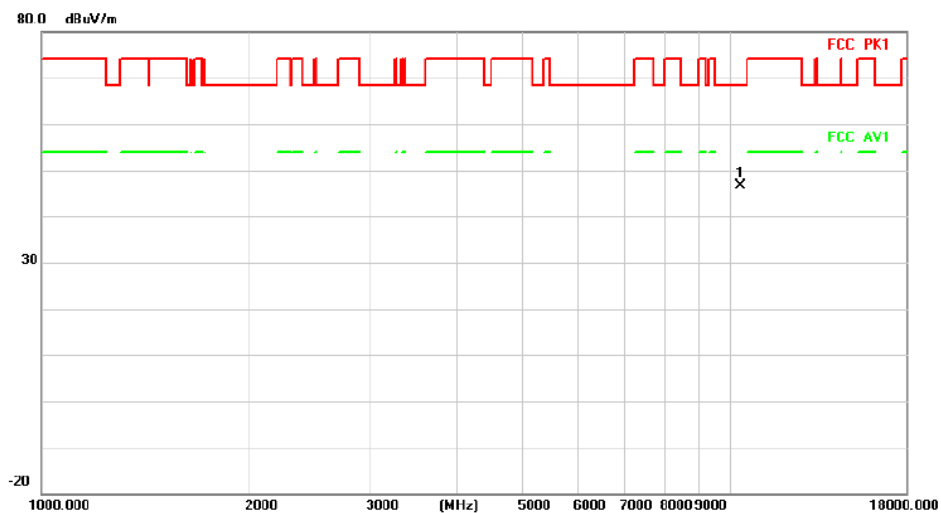
Test Channel:36

VERTICAL



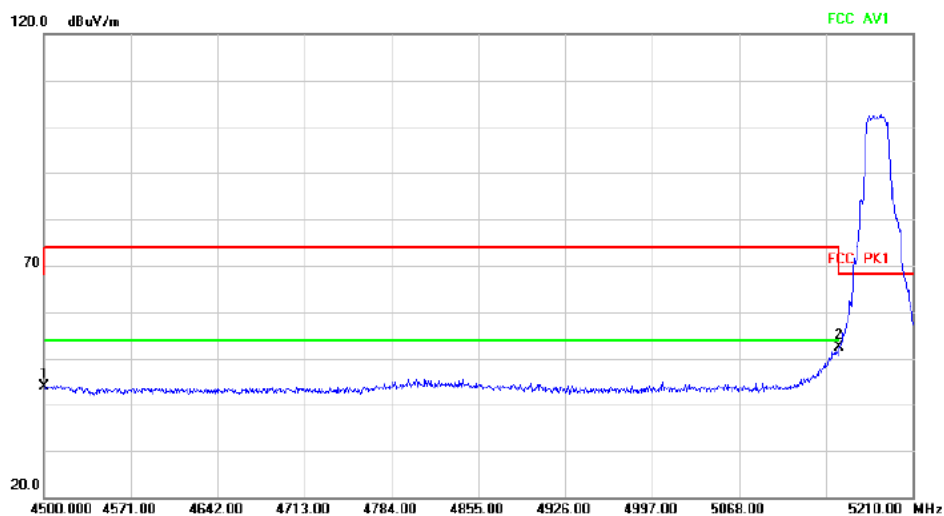
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10360.000	36.57	10.00	46.57	68.20	-21.63 peak

Radiated Emission



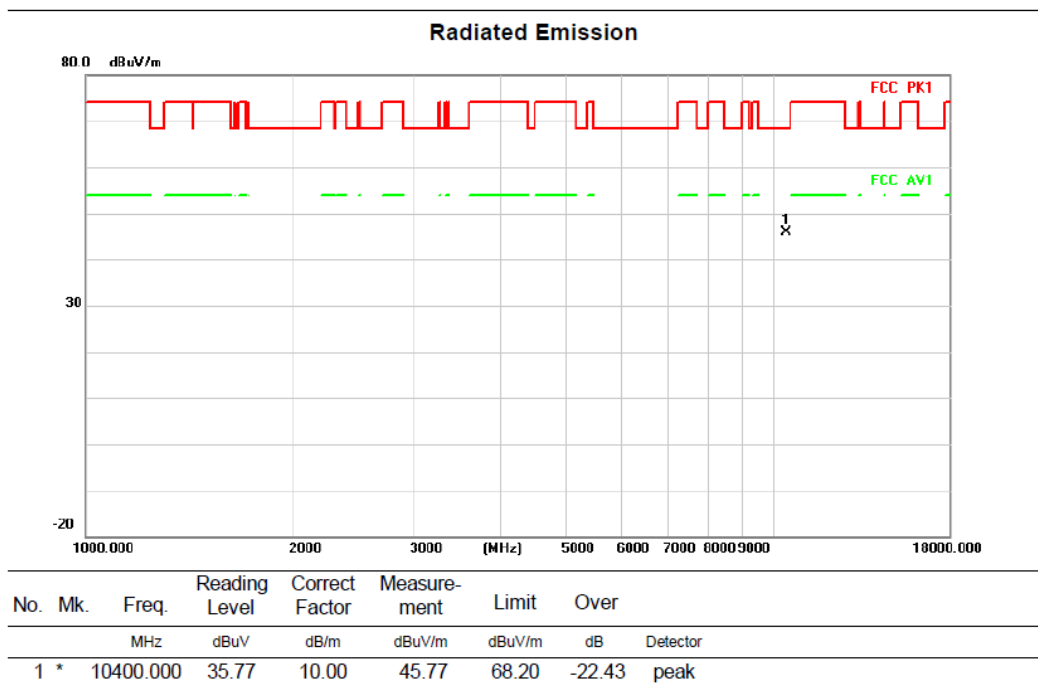
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		4500.000	40.10	3.85	43.95	68.20	-24.25 peak
2	*	5150.000	46.87	5.62	52.49	68.20	-15.71 peak

Above 1G (1GHz~18GHz)

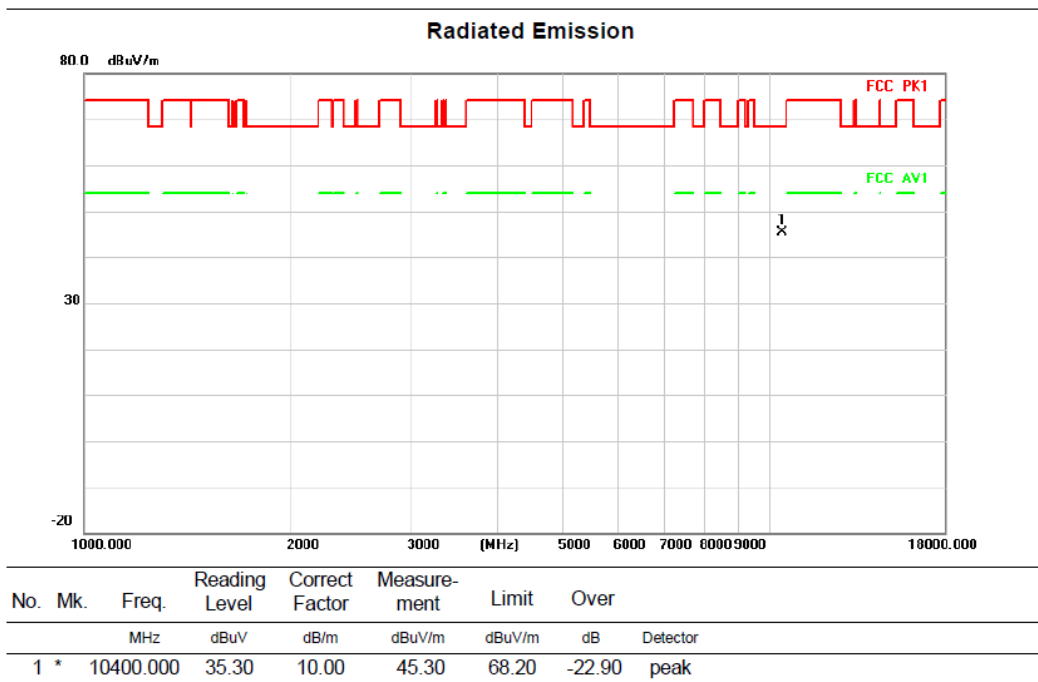
Test mode: 11N20

Test Channel:40

VERTICAL



HORIZONTAL

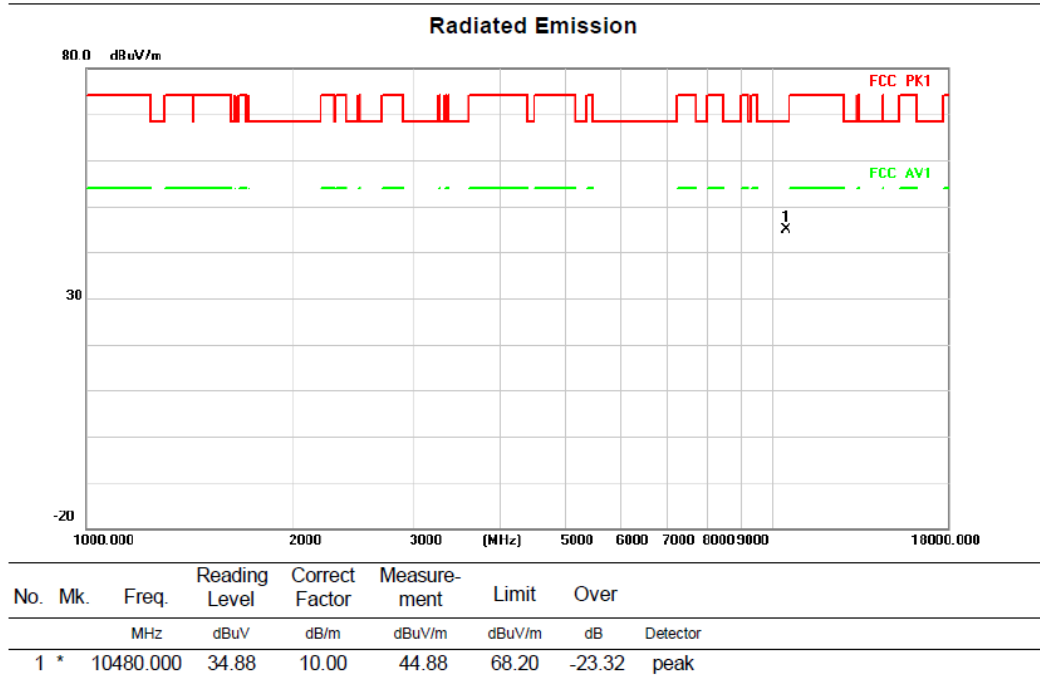


Above 1G (1GHz~18GHz)

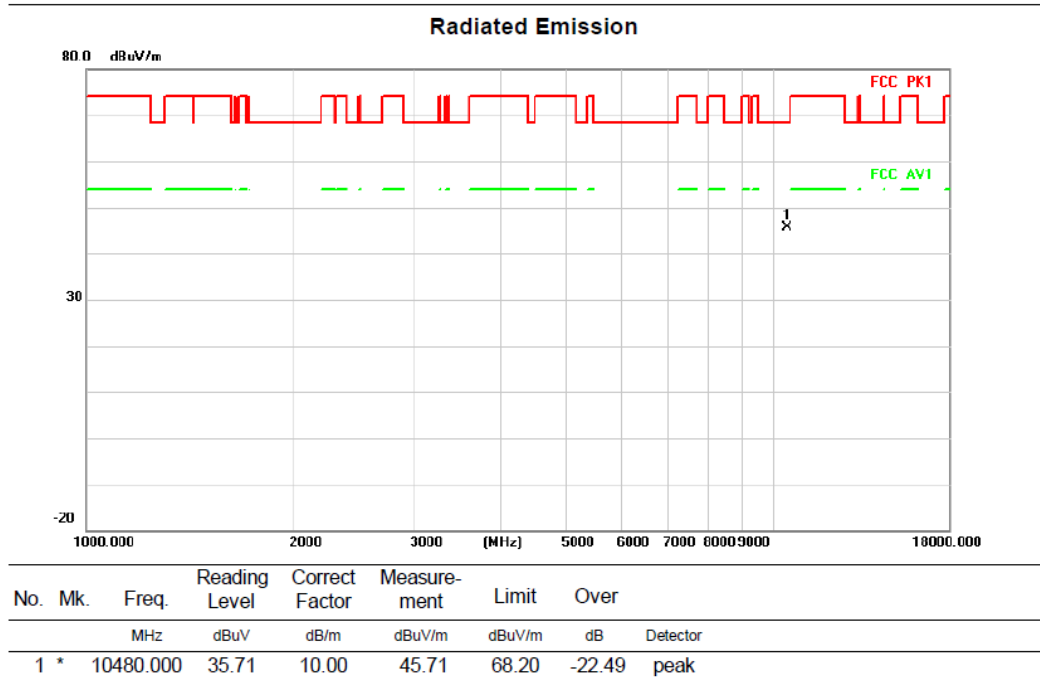
Test mode: 11N20

Test Channel:48

VERTICAL



HORIZONTAL



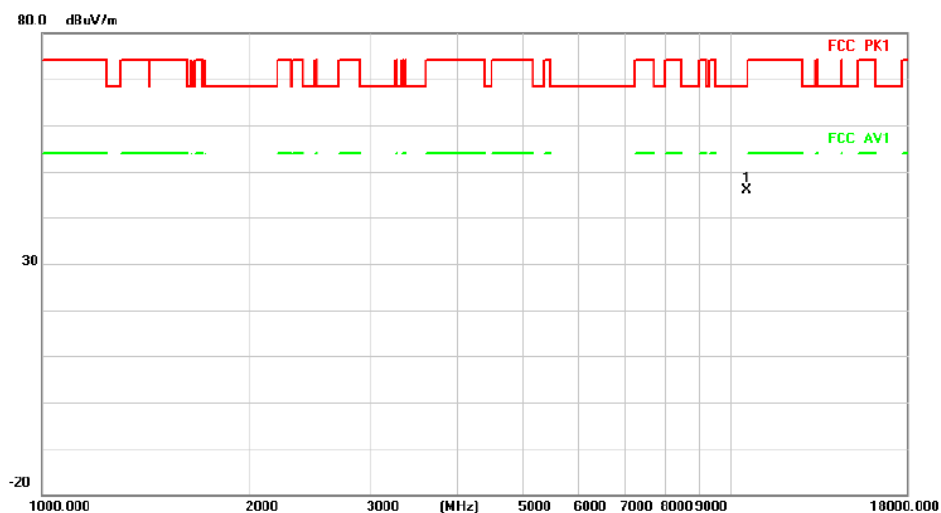
Above 1G (1GHz~18GHz)

Test mode: 11N20

Test Channel:52

VERTICAL

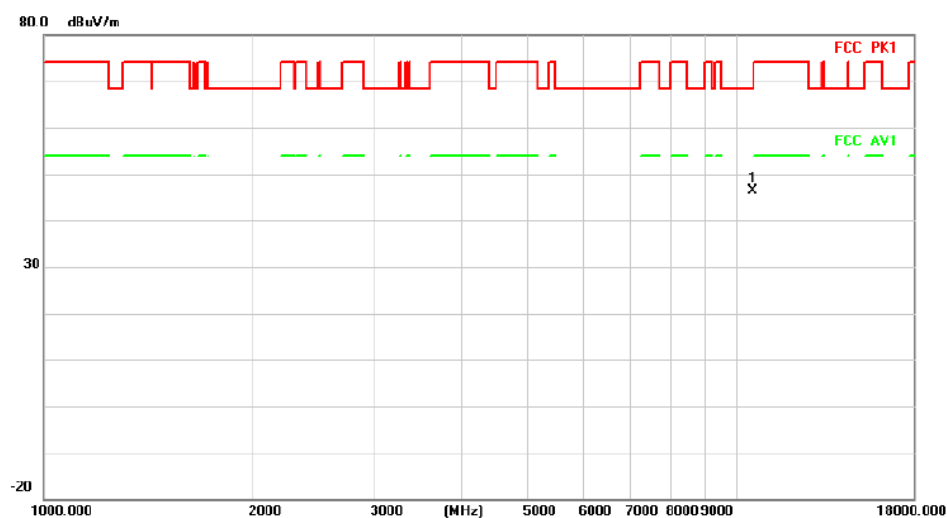
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10520.000	35.79	10.00	45.79	68.20	-22.41 peak

HORIZONTAL

Radiated Emission



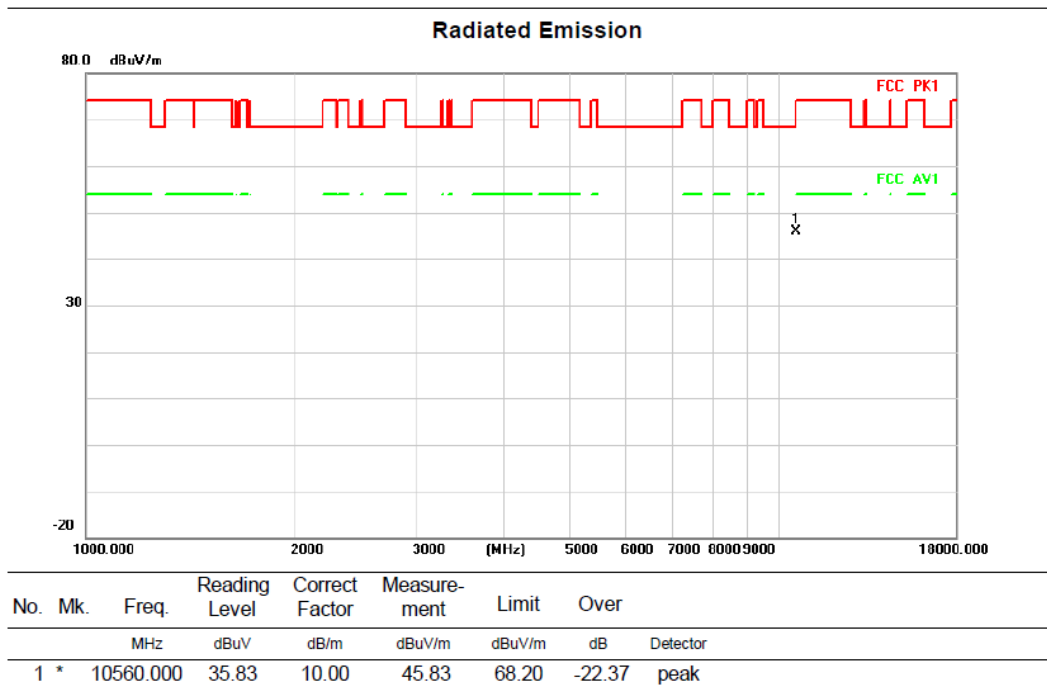
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10520.000	36.34	10.00	46.34	68.20	-21.86 peak

Above 1G (1GHz~18GHz)

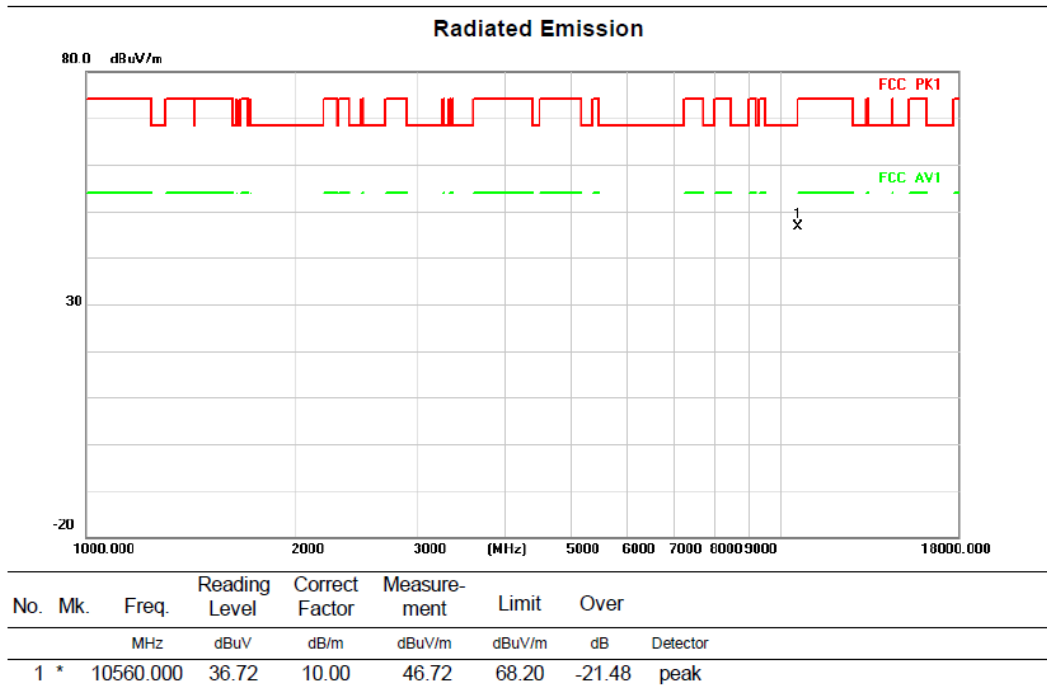
Test mode: 11N20

Test Channel:56

VERTICAL

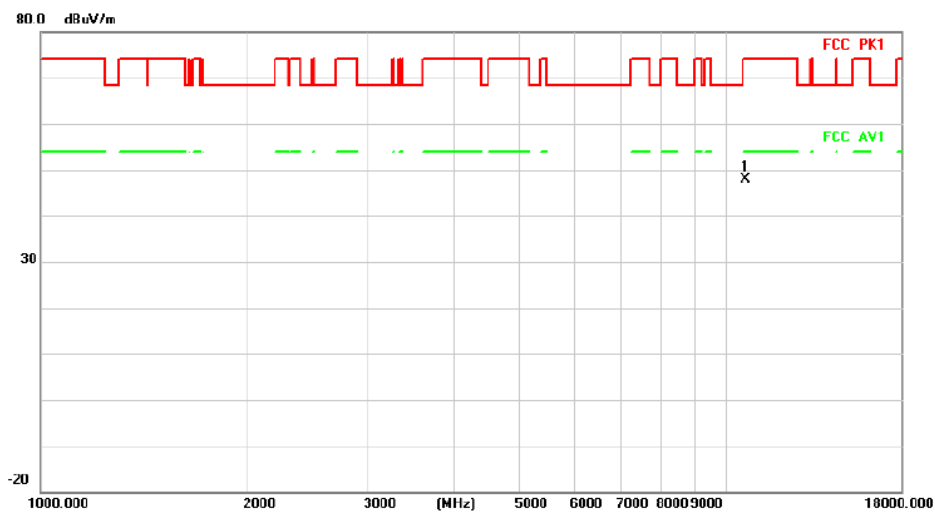


HORIZONTAL



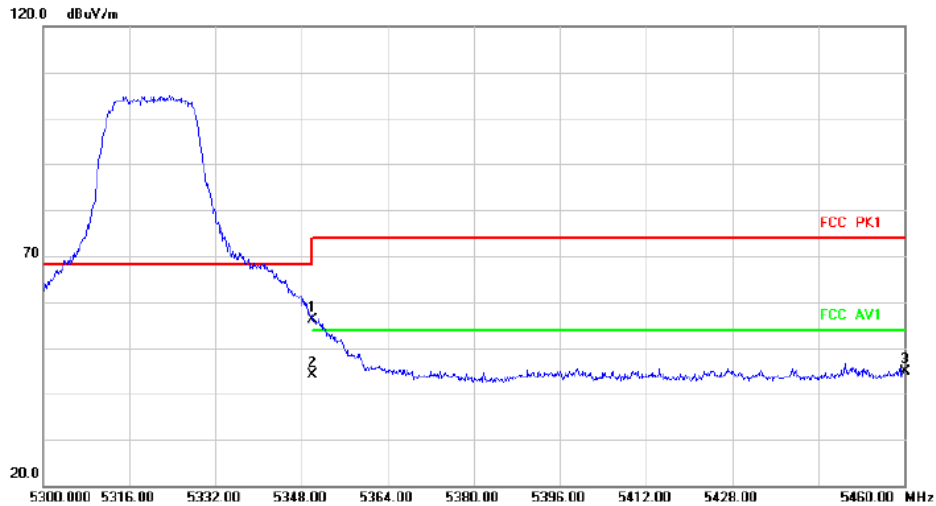
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10640.000	37.81	10.00	47.81	74.00	-26.19	peak

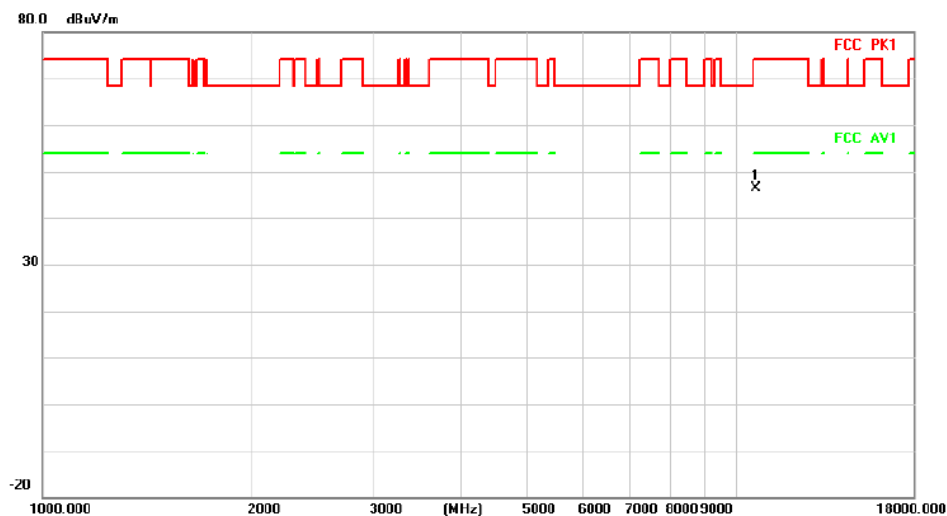
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	51.65	4.44	56.09	68.20	-12.11	peak
2	*	5350.000	39.76	4.44	44.20	54.00	-9.80	AVG
3		5460.000	40.47	4.51	44.98	68.20	-23.22	peak

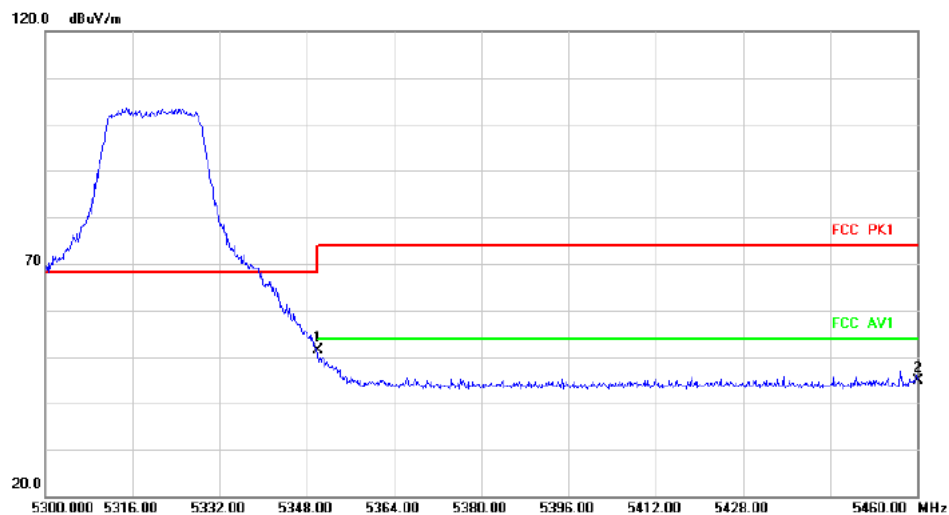
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10640.000	36.44	10.00	46.44	74.00	-27.56 peak

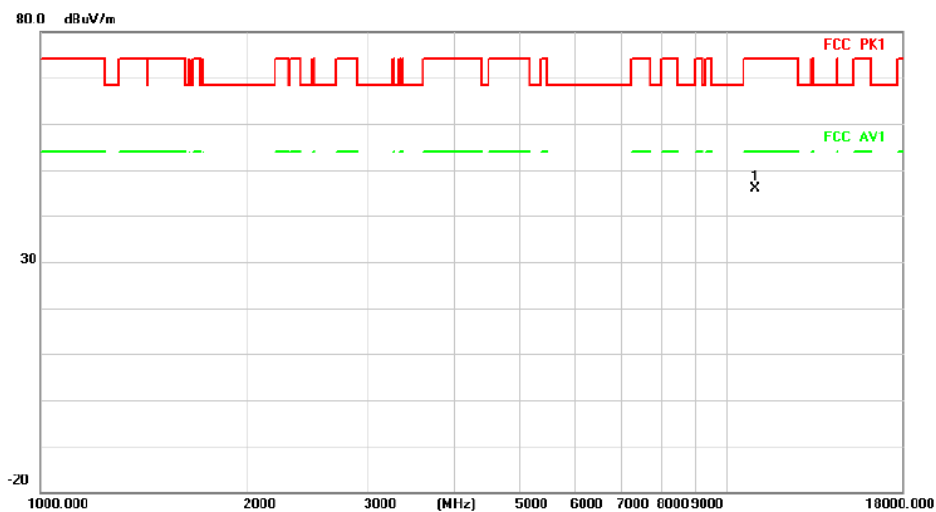
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5350.000	46.82	4.44	51.26	68.20	-16.94 peak
2		5460.000	40.38	4.51	44.89	68.20	-23.31 peak

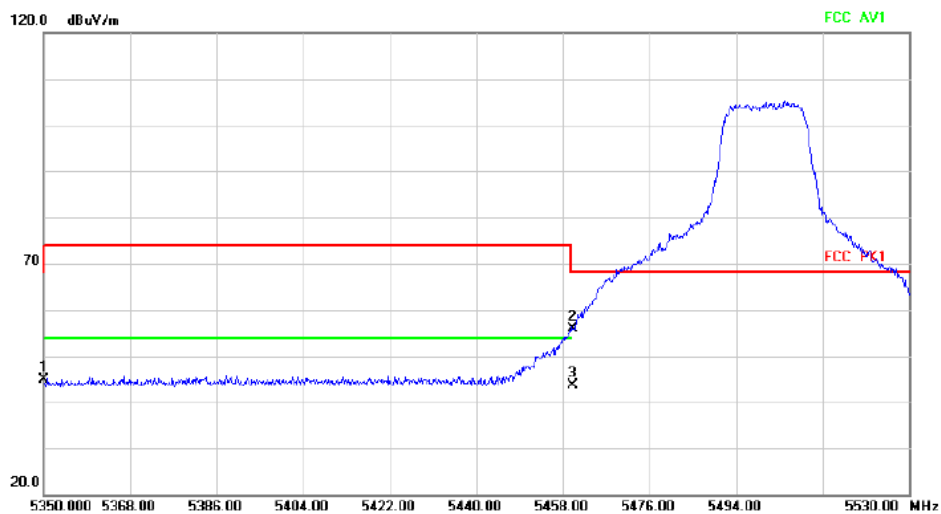
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11000.000	35.89	10.00	45.89	74.00	-28.11 peak

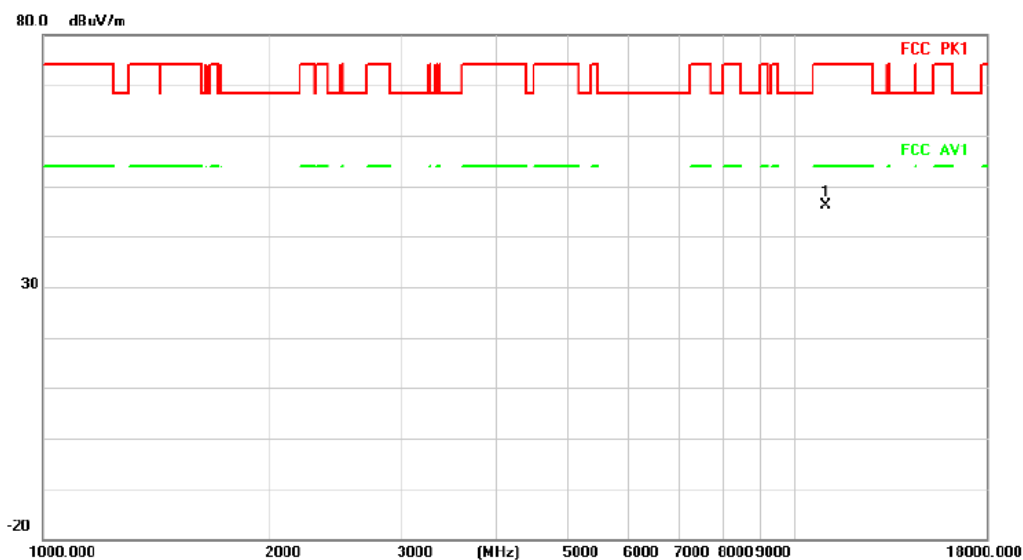
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	40.39	4.44	44.83	68.20	-23.37 peak
2		5460.000	51.46	4.51	55.97	68.20	-12.23 peak
3	*	5460.000	39.08	4.51	43.59	54.00	-10.41 AVG

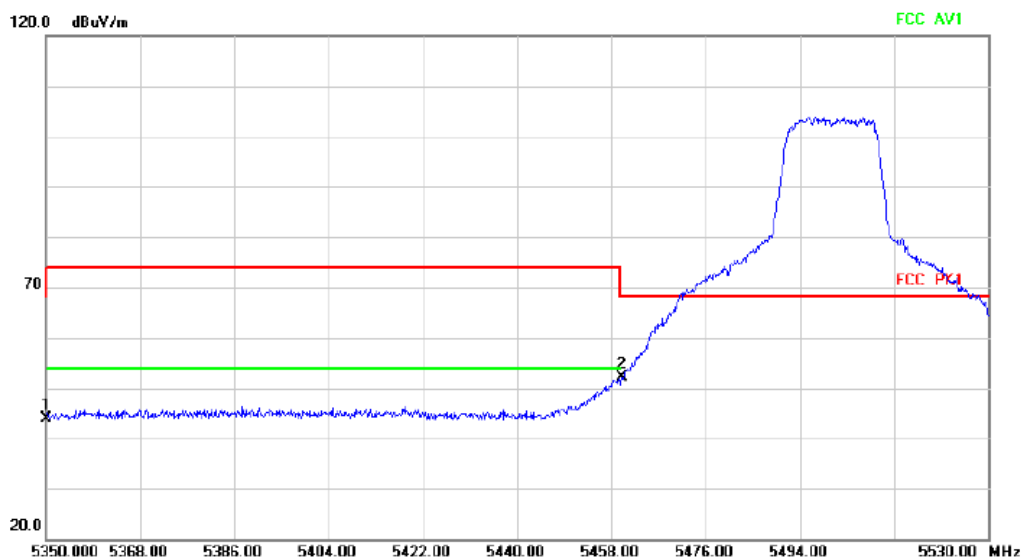
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11000.000	36.02	10.00	46.02	74.00	-27.98 peak

Radiated Emission



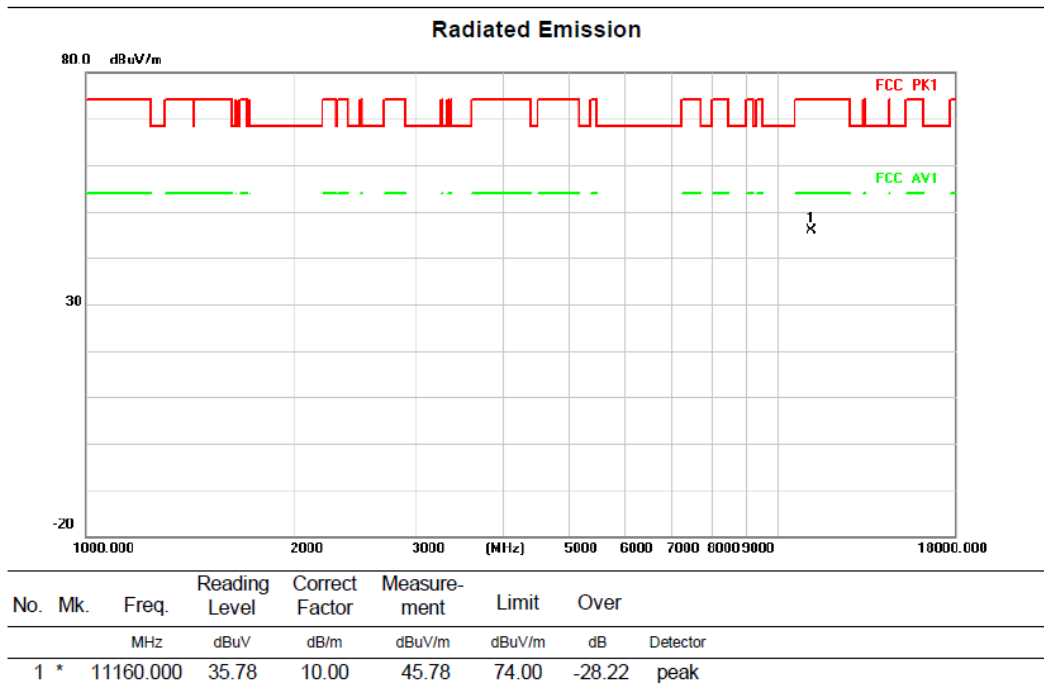
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	39.38	4.44	43.82	68.20	-24.38 peak
2	*	5460.000	47.70	4.51	52.21	68.20	-15.99 peak

Above 1G (1GHz~18GHz)

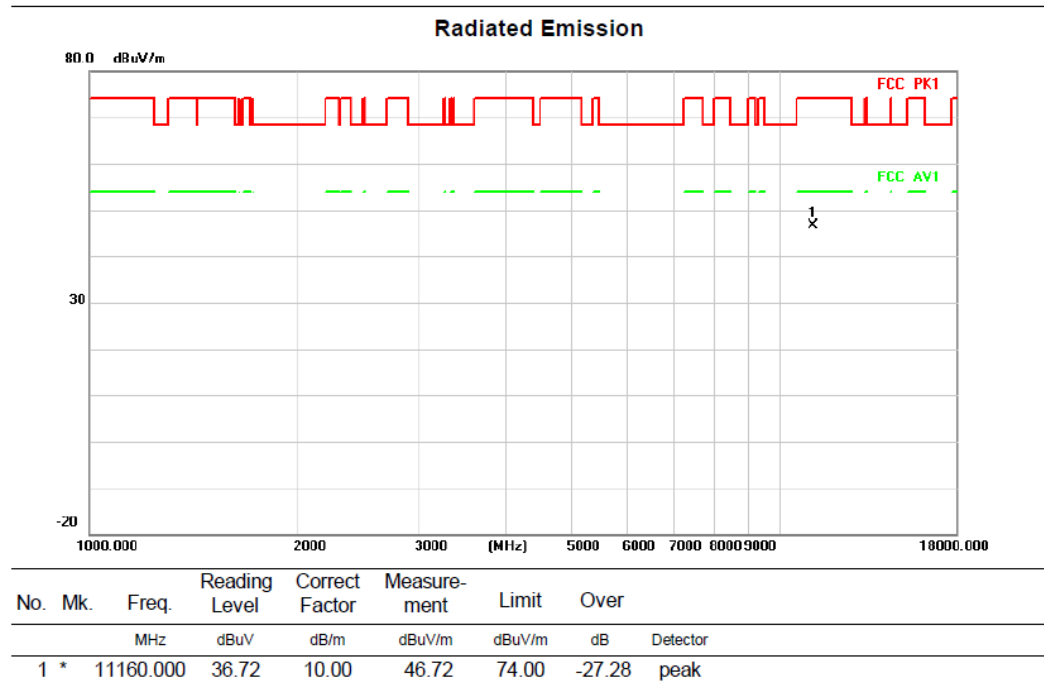
Test mode: 11N20

Test Channel:116

VERTICAL



HORIZONTAL

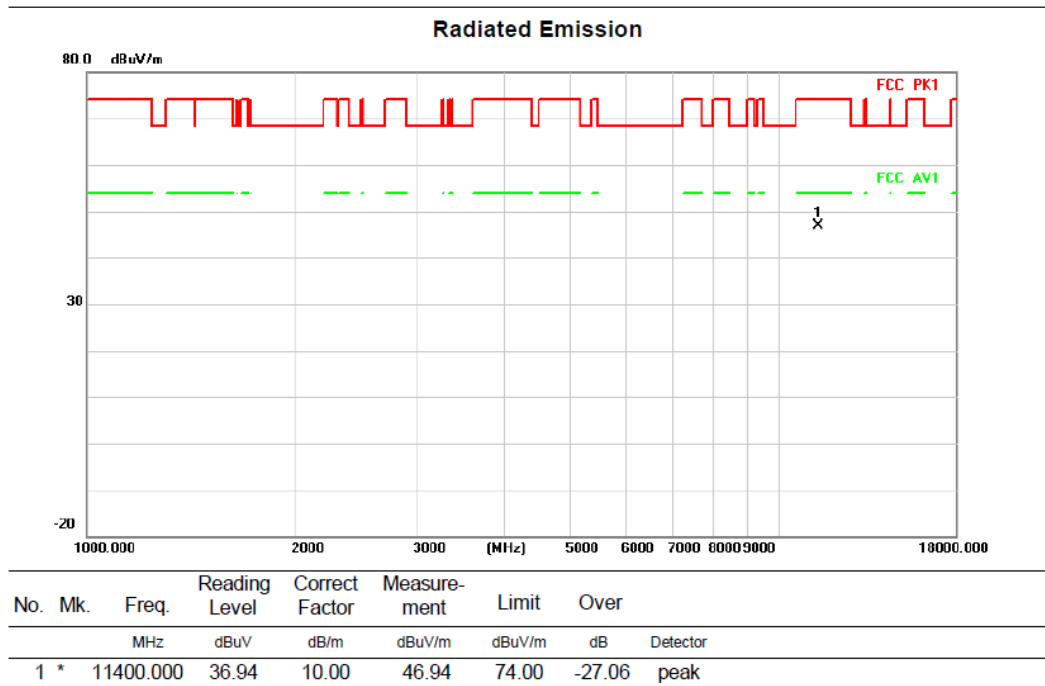


Above 1G (1GHz~18GHz)

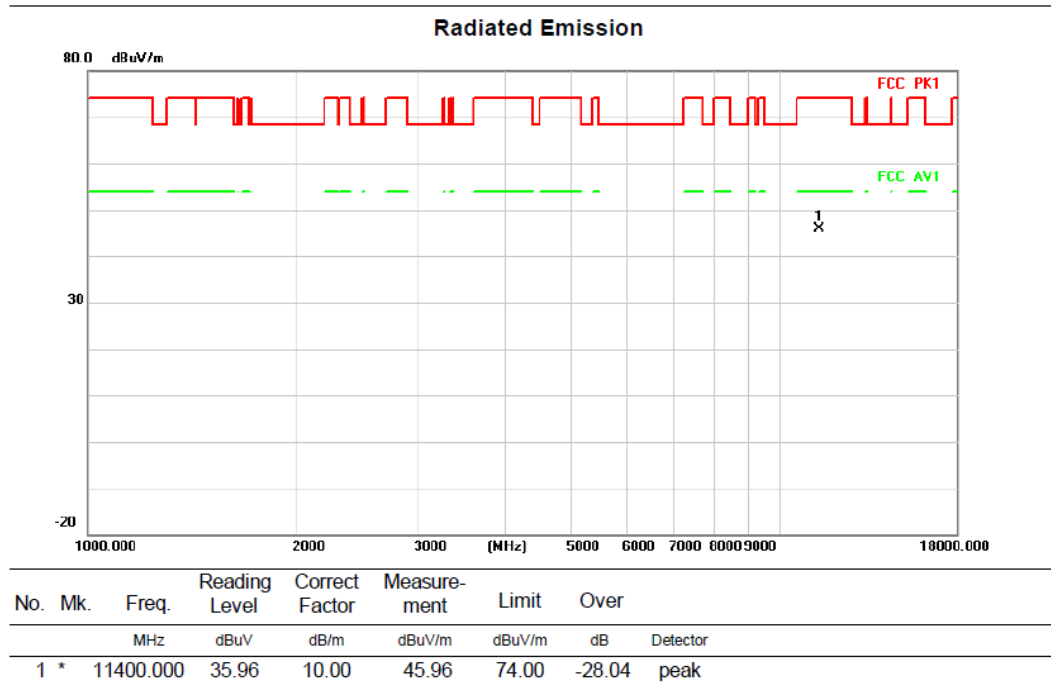
Test mode: 11N20

Test Channel:140

VERTICAL



HORIZONTAL



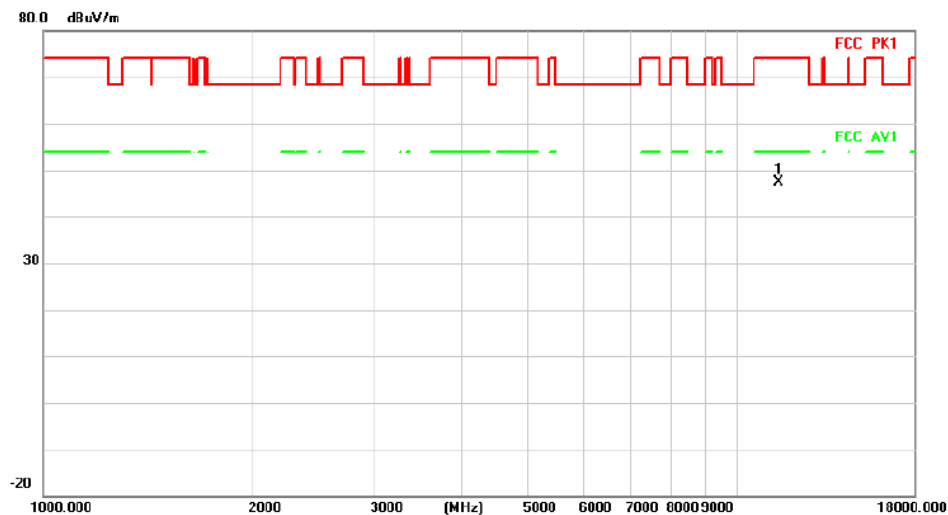
Above 1G (1GHz~18GHz)

Test mode: 11N20

Test Channel:149

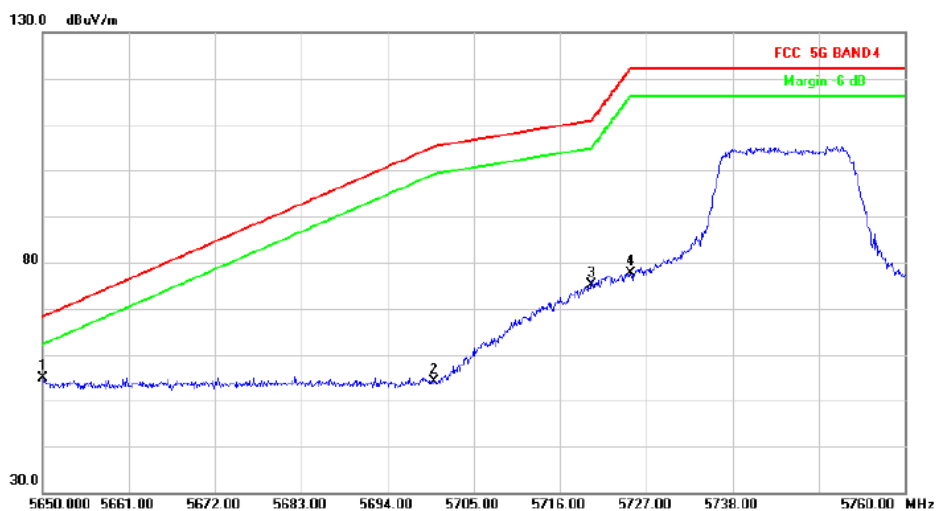
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11490.000	37.46	10.00	47.46	74.00	-26.54 peak

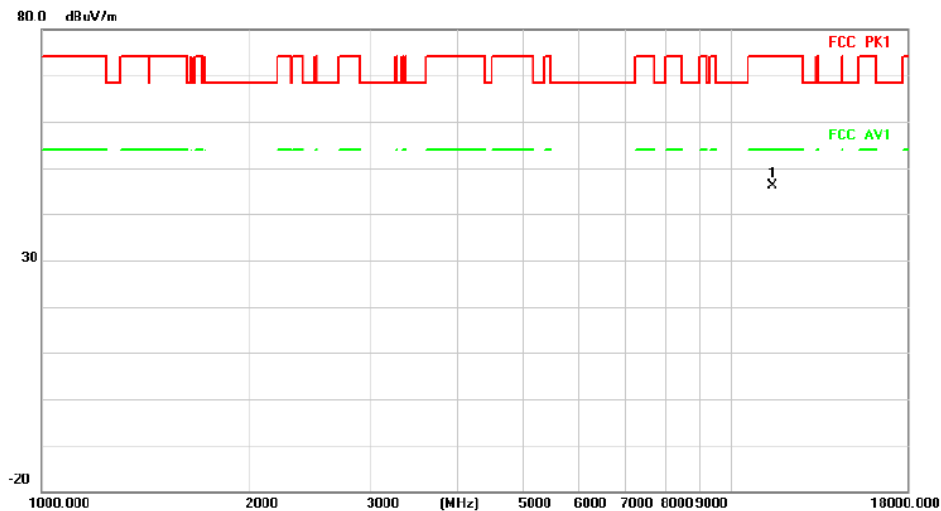
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	49.82	5.12	54.94	68.20	-13.26 peak
2		5700.000	48.63	5.46	54.09	105.20	-51.11 peak
3		5720.000	69.77	5.33	75.10	110.80	-35.70 peak
4		5725.000	72.44	5.30	77.74	122.20	-44.46 peak

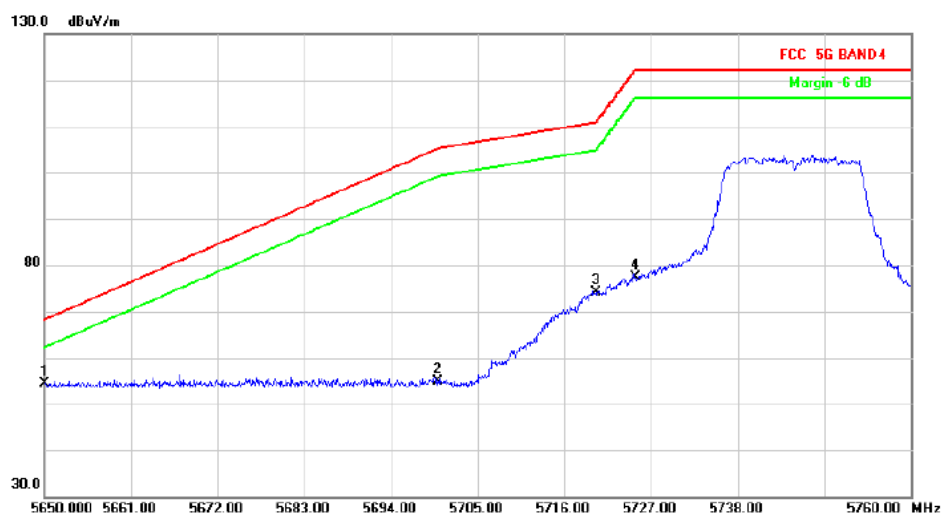
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11490.000	36.12	10.00	46.12	74.00	-27.88 peak

Radiated Emission



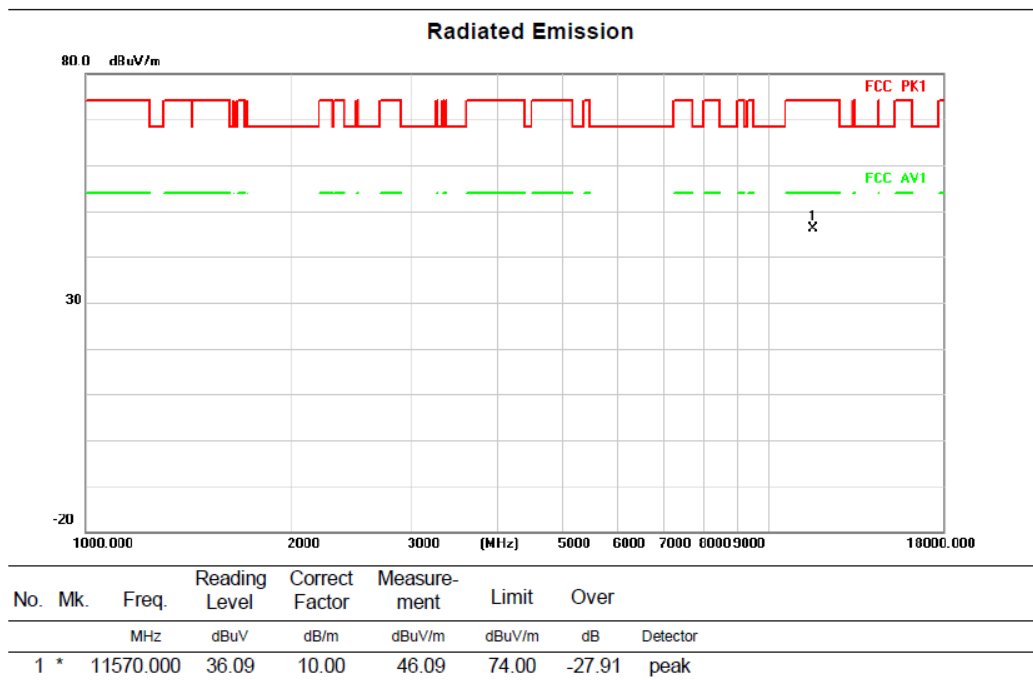
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	49.26	5.12	54.38	68.20	-13.82 peak
2		5700.000	49.40	5.46	54.86	105.20	-50.34 peak
3		5720.000	68.80	5.33	74.13	110.80	-36.67 peak
4		5725.000	71.98	5.30	77.28	122.20	-44.92 peak

Above 1G (1GHz~18GHz)

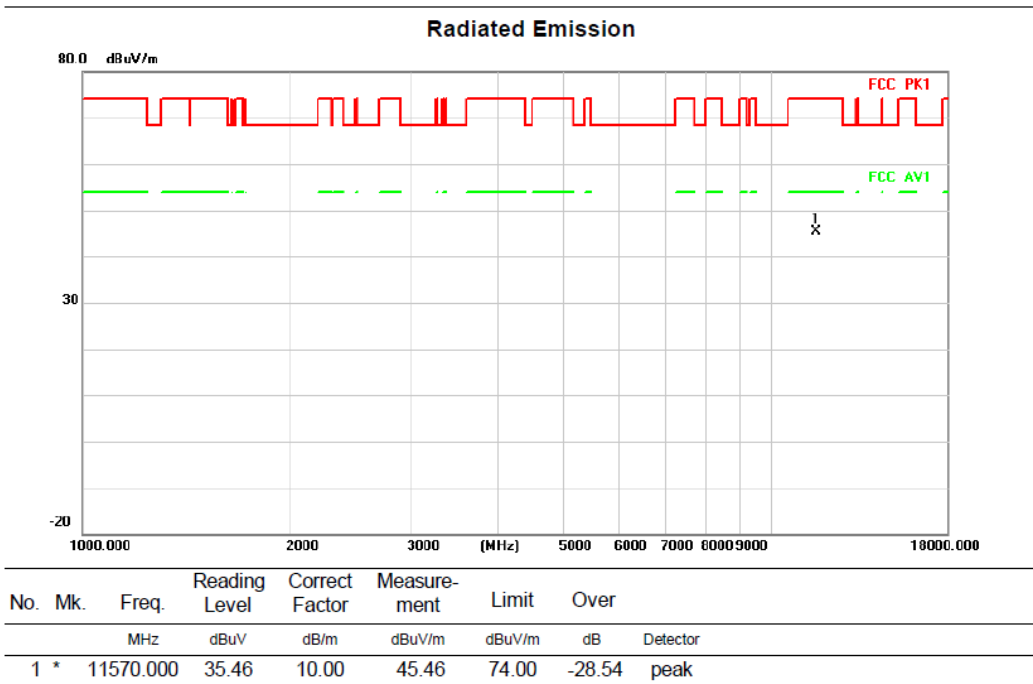
Test mode: 11N20

Test Channel:157

VERTICAL

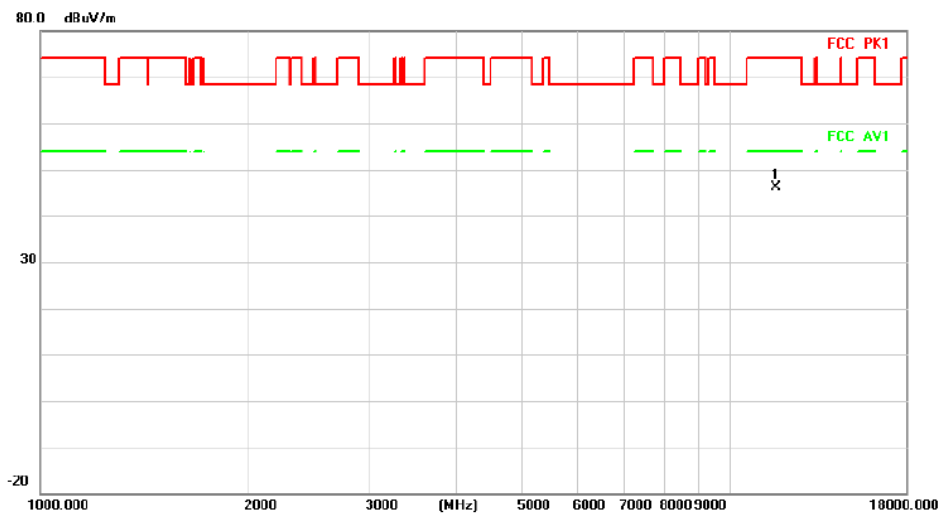


HORIZONTAL



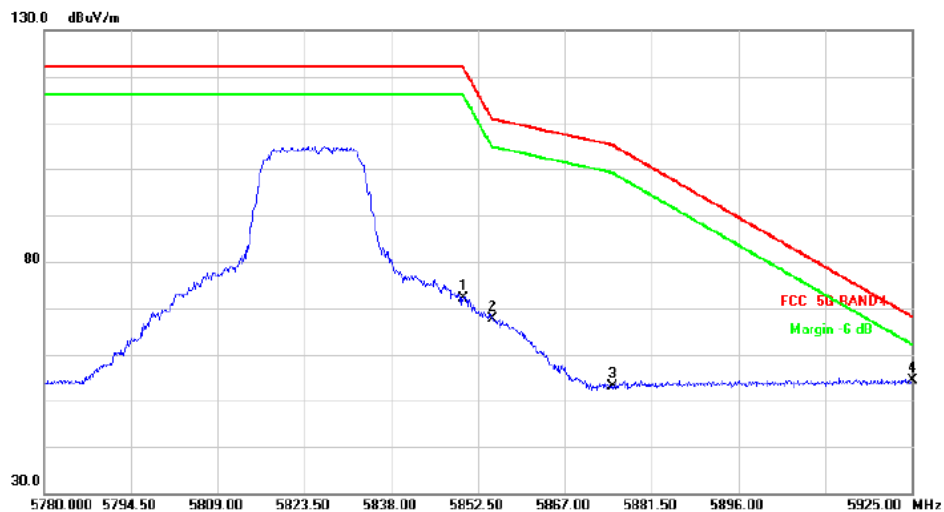
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11650.000	36.09	10.00	46.09	74.00	-27.91 peak

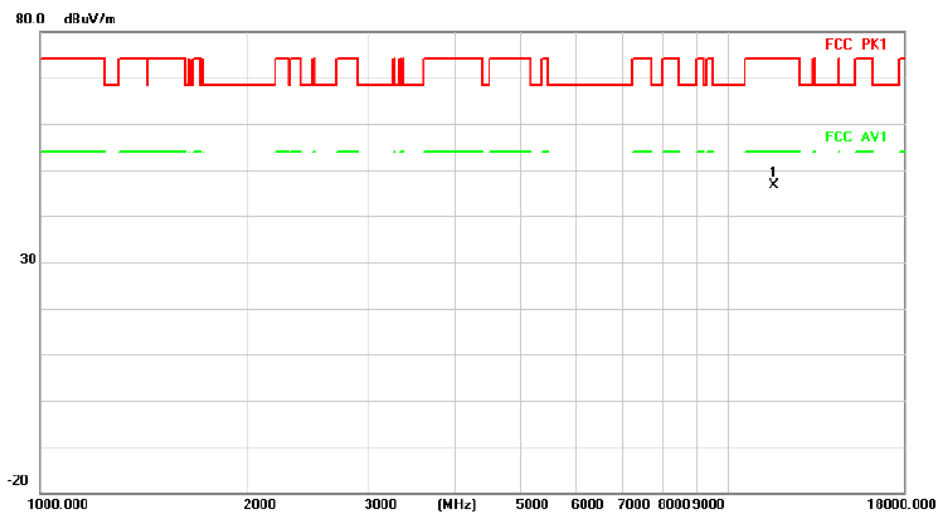
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	66.89	5.18	72.07	122.20	-50.13 peak
2		5855.000	62.50	5.25	67.75	110.80	-43.05 peak
3		5875.000	47.63	5.51	53.14	105.20	-52.06 peak
4	*	5925.000	48.04	6.28	54.32	68.20	-13.88 peak

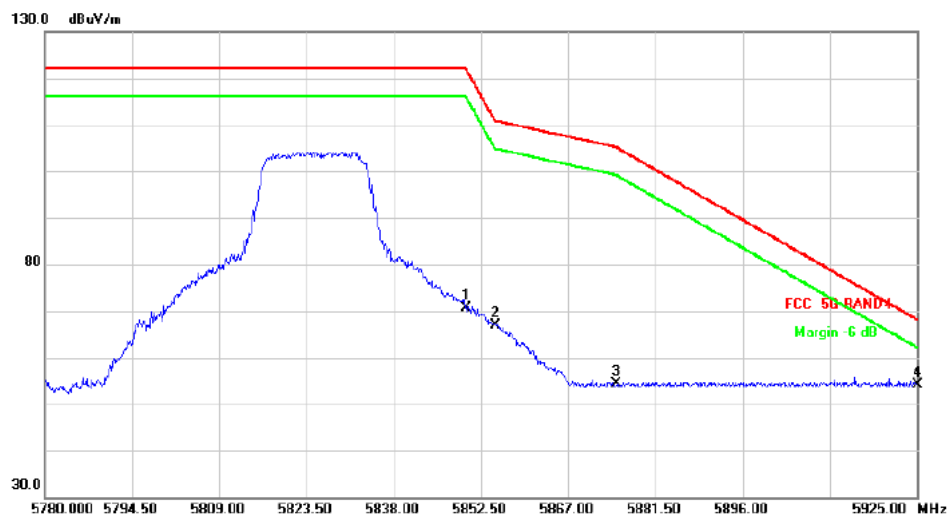
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11650.000	36.62	10.00	46.62	74.00	-27.38 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	65.33	5.18	70.51	122.20	-51.69 peak
2		5855.000	61.58	5.25	66.83	110.80	-43.97 peak
3		5875.000	48.78	5.51	54.29	105.20	-50.91 peak
4	*	5925.000	47.88	6.28	54.16	68.20	-14.04 peak

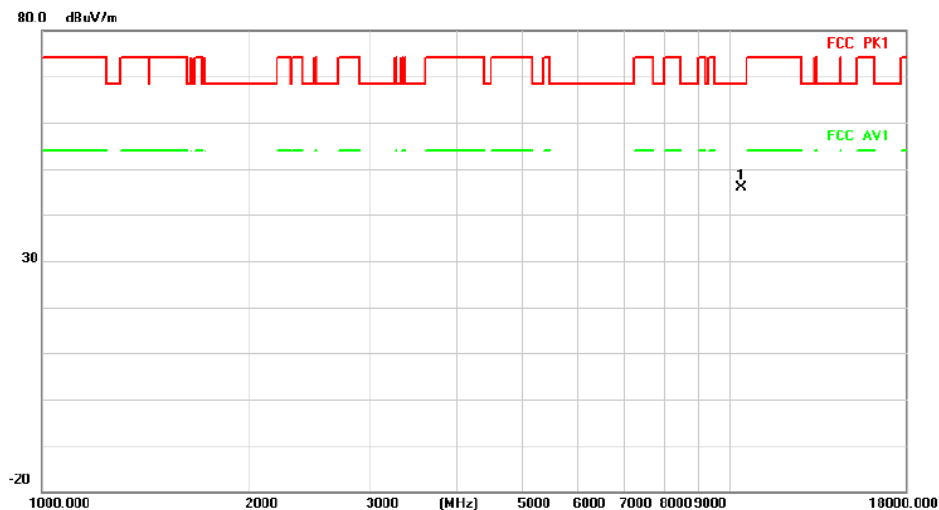
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:38

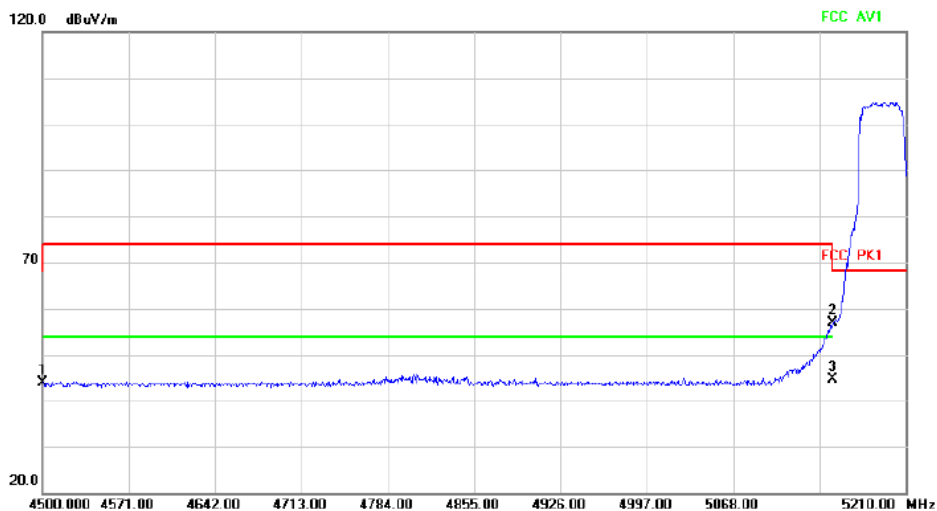
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10380.000	35.78	10.00	45.78	68.20	-22.42 peak

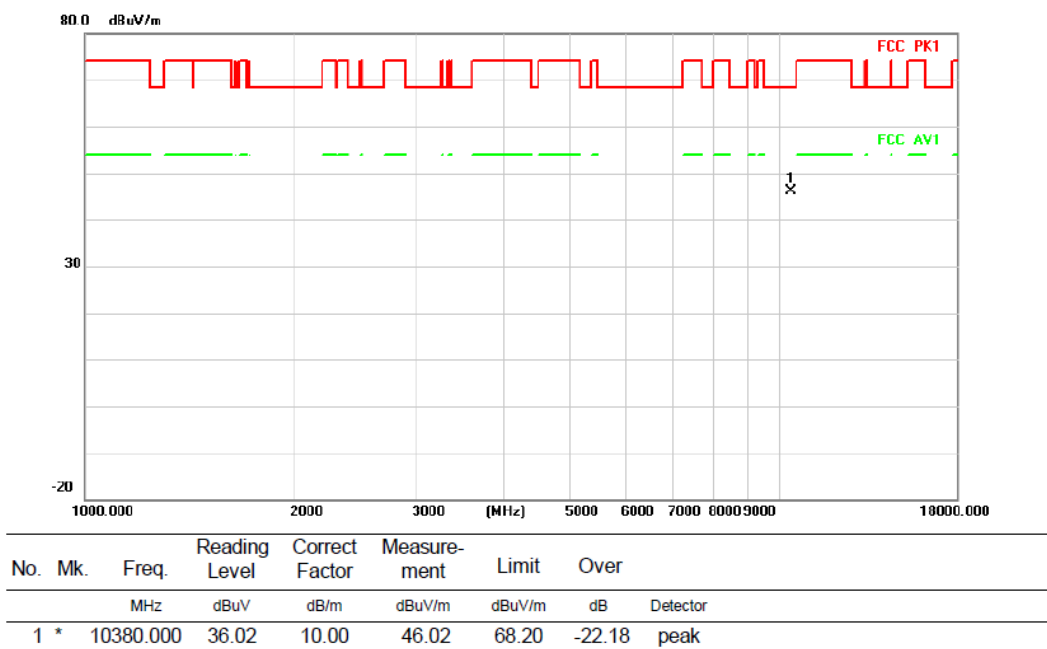
Radiated Emission



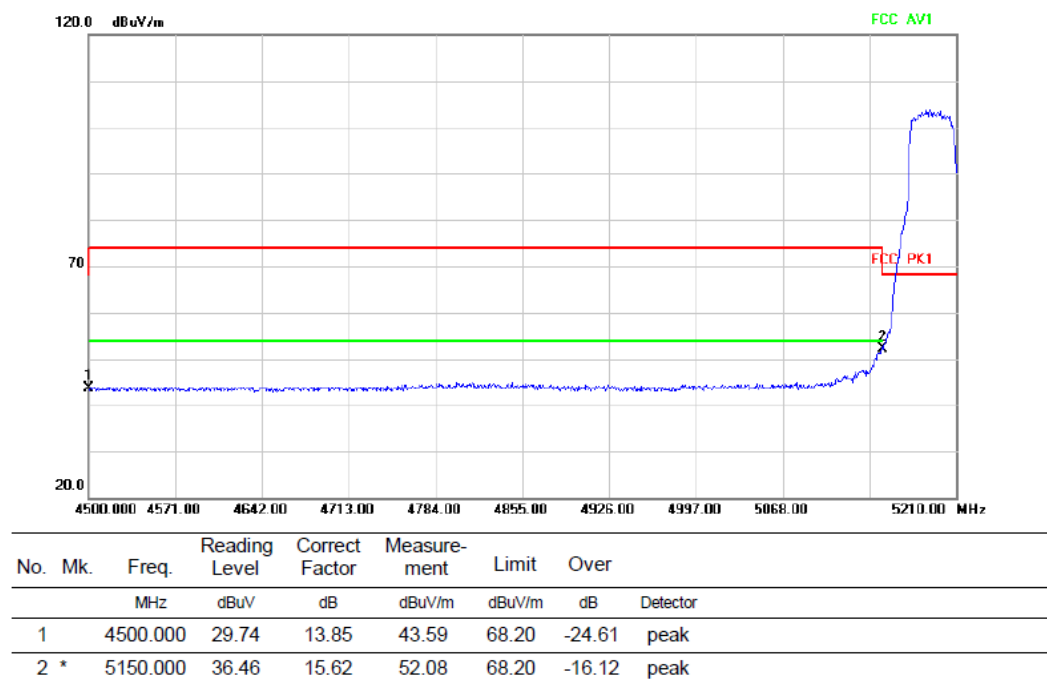
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		4500.000	29.97	13.85	43.82	68.20	-24.38 peak
2		5150.000	41.21	15.62	56.83	68.20	-11.37 peak
3	*	5150.000	28.95	15.62	44.57	54.00	-9.43 AVG

HORIZONTALA

Radiated Emission



Radiated Emission



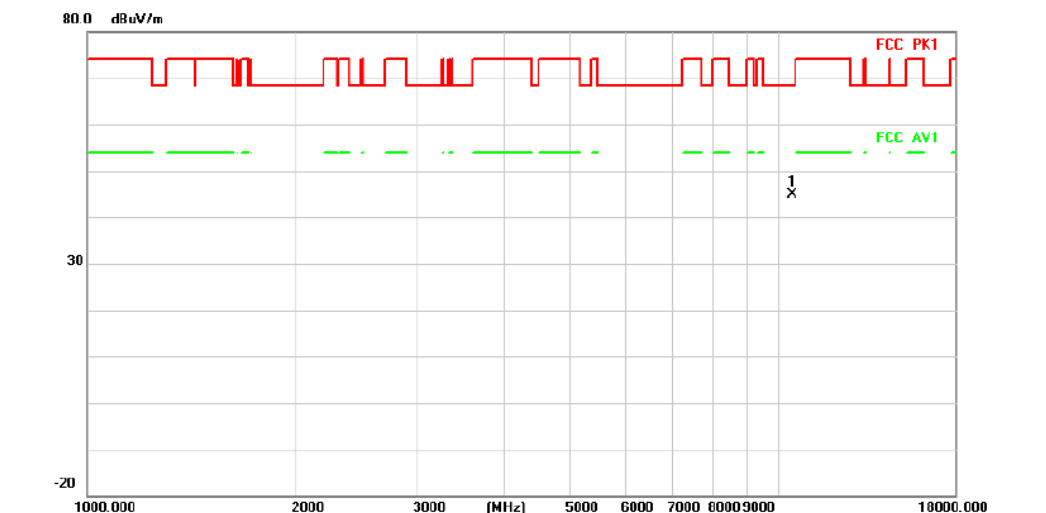
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:46

VERTICAL

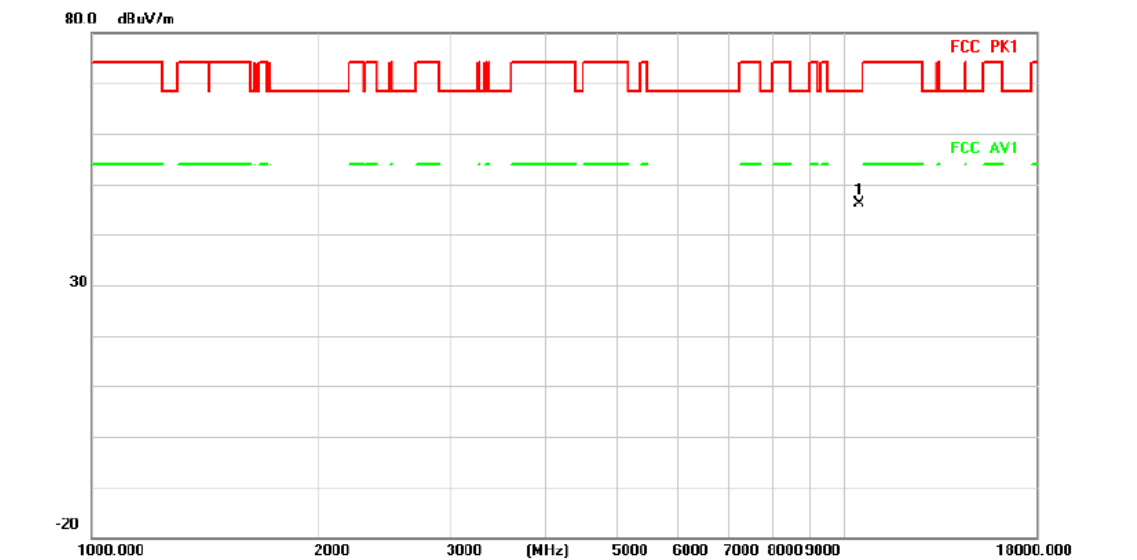
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10460.000	34.95	10.00	44.95	68.20	-23.25 peak

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10460.000	36.24	10.00	46.24	68.20	-21.96 peak

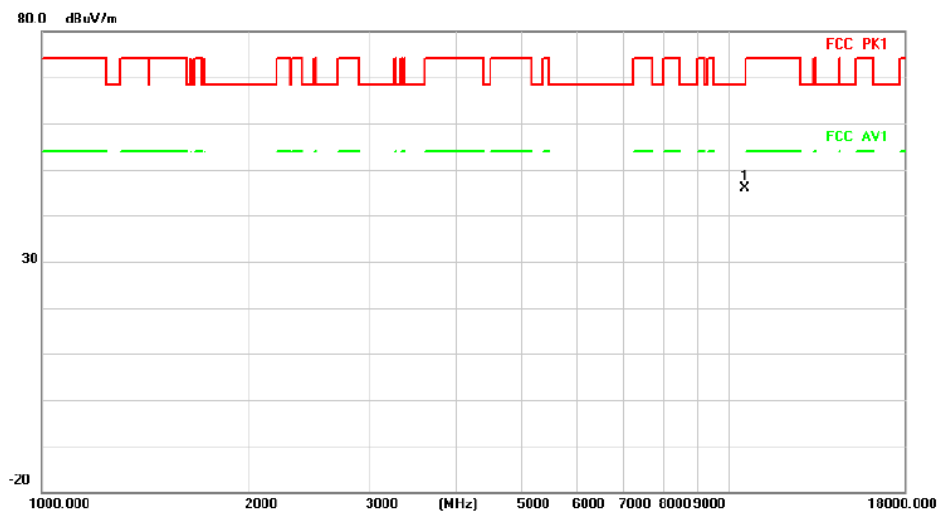
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:54

VERTICAL

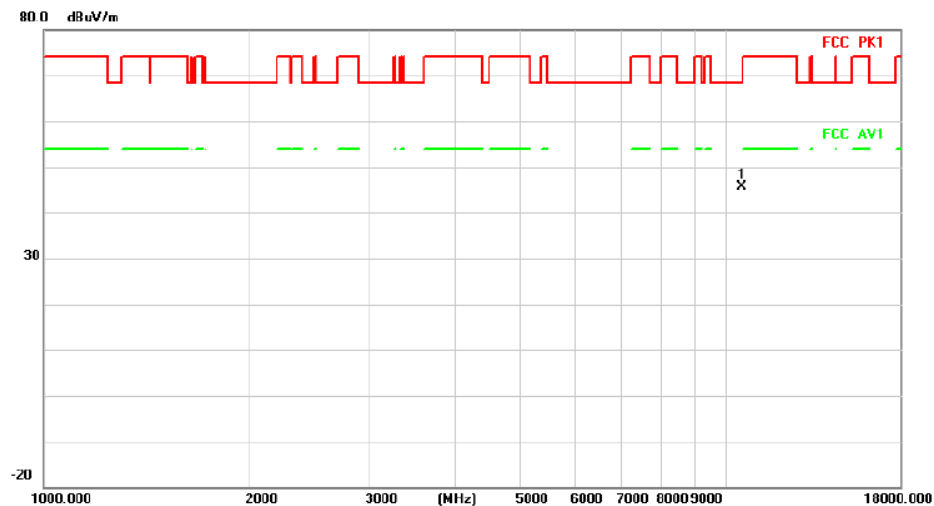
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10540.000	35.80	10.00	45.80	68.20	-22.40	peak

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10540.000	35.52	10.00	45.52	68.20	-22.68	peak

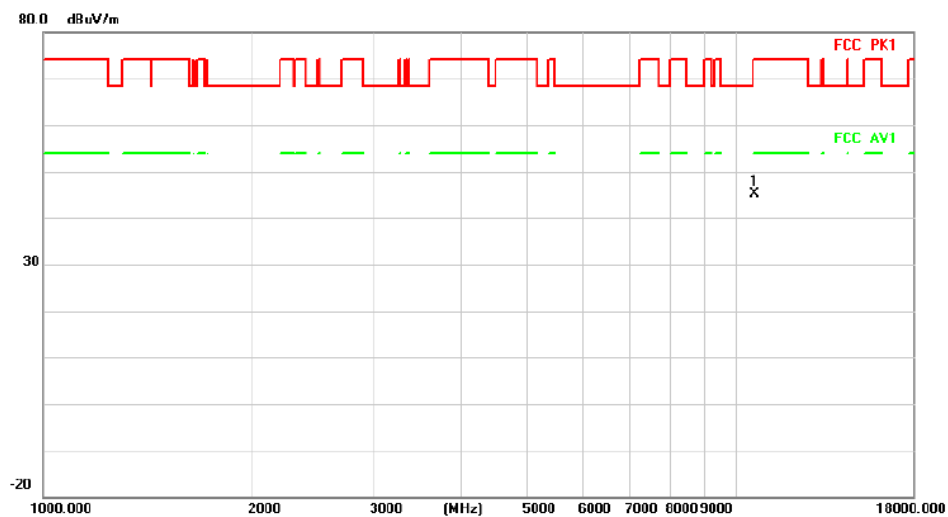
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:62

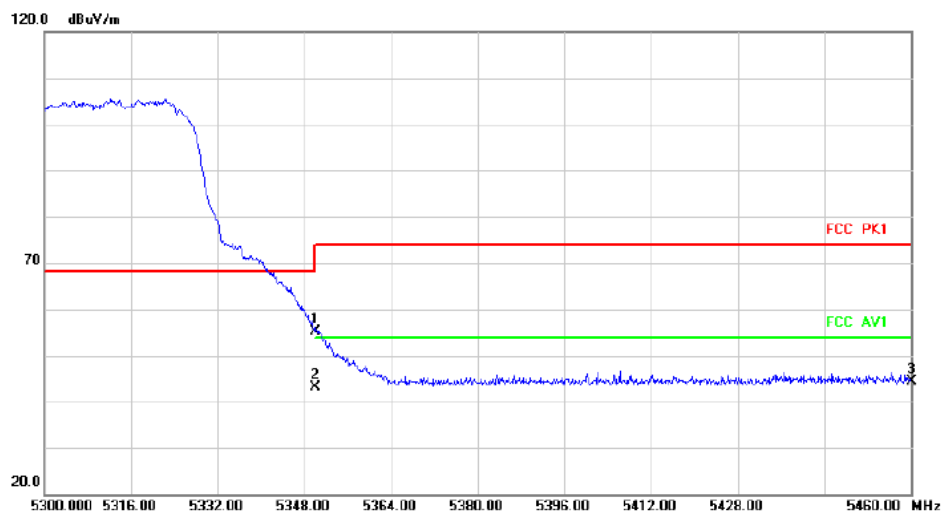
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10620.000	35.23	10.00	45.23	74.00	-28.77 peak

Radiated Emission



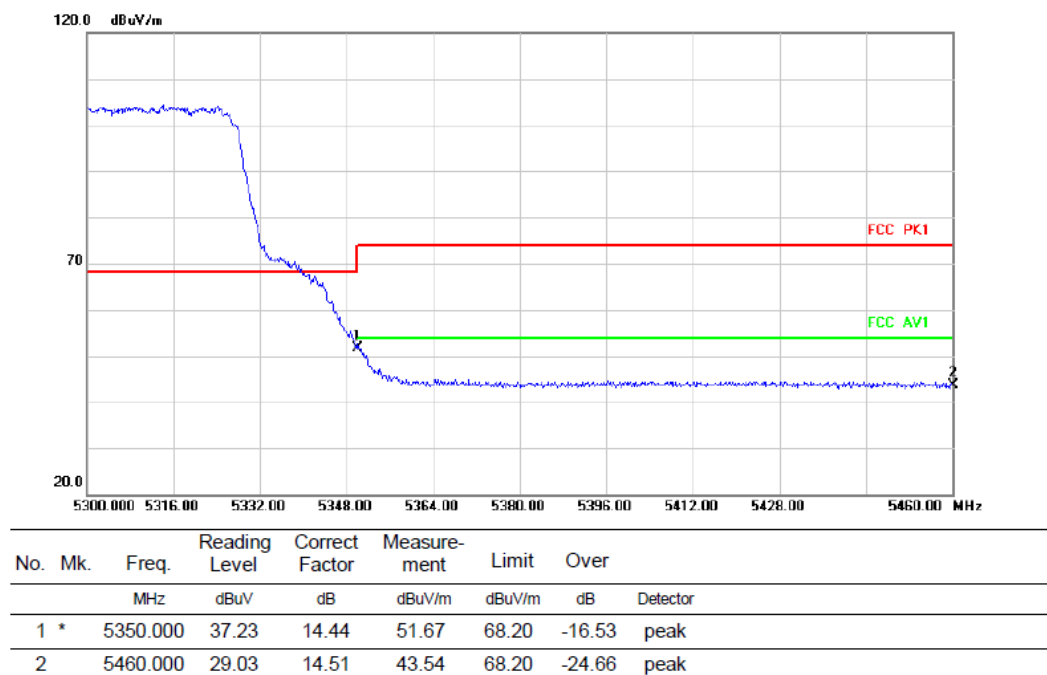
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	40.75	14.44	55.19	68.20	-13.01 peak
2	*	5350.000	28.73	14.44	43.17	54.00	-10.83 AVG
3		5460.000	29.85	14.51	44.36	68.20	-23.84 peak

HORIZONTALA

Radiated Emission



Radiated Emission



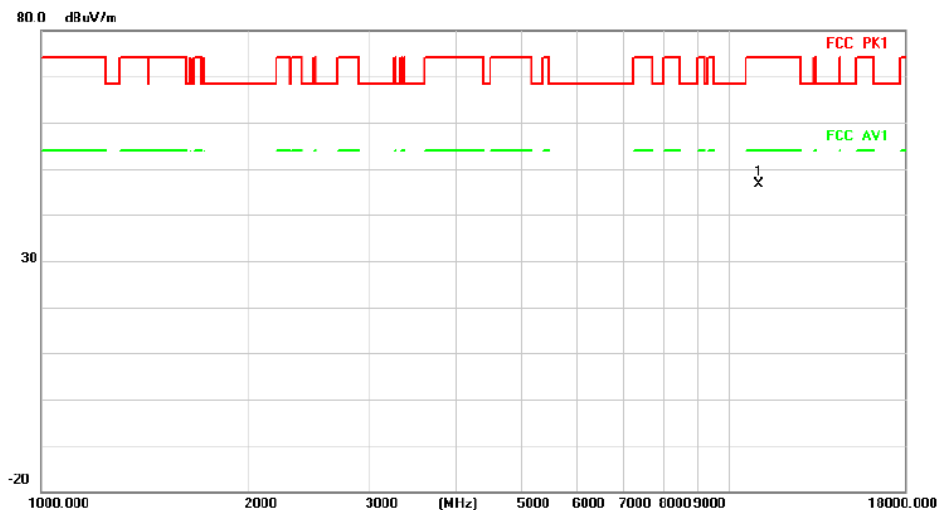
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:102

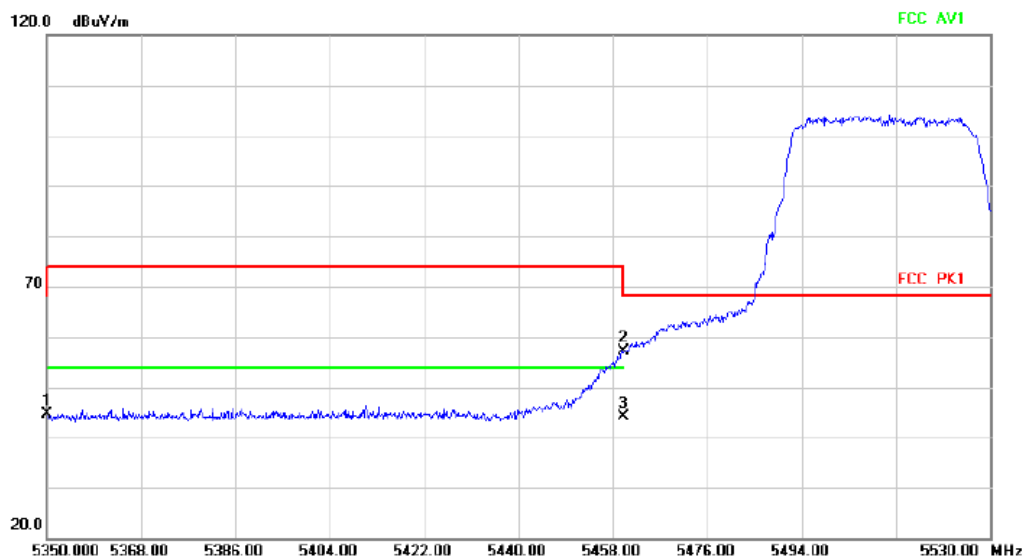
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1 *		11020.000	36.73	10.00	46.73	74.00	-27.27 peak

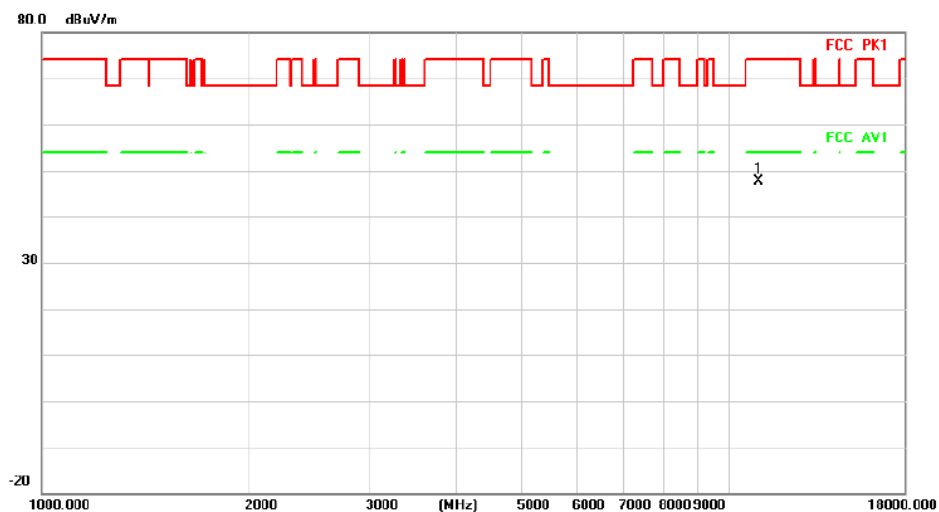
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	30.27	14.44	44.71	68.20	-23.49 peak
2		5460.000	42.71	14.51	57.22	68.20	-10.98 peak
3 *		5460.000	29.68	14.51	44.19	54.00	-9.81 AVG

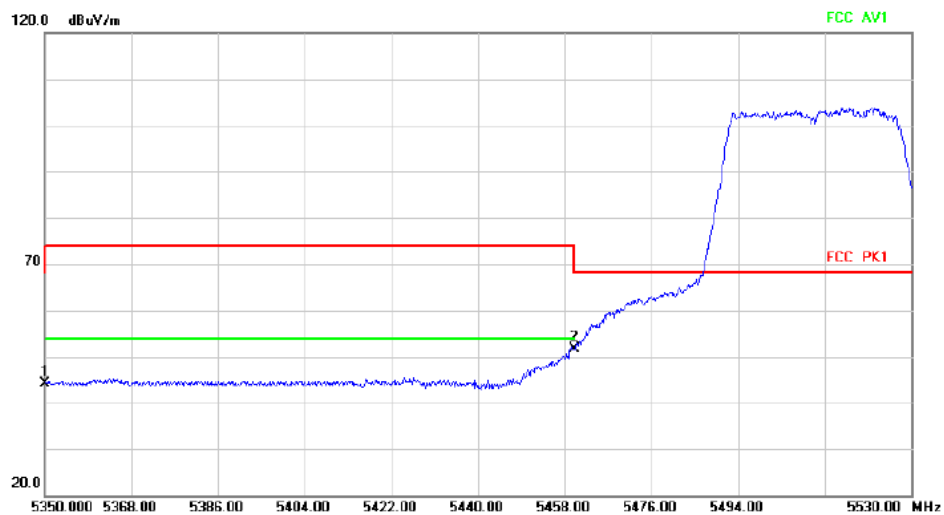
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11020.000	37.60	10.00	47.60	74.00	-26.40 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	29.65	14.44	44.09	68.20	-24.11 peak
2	*	5460.000	37.02	14.51	51.53	68.20	-16.67 peak

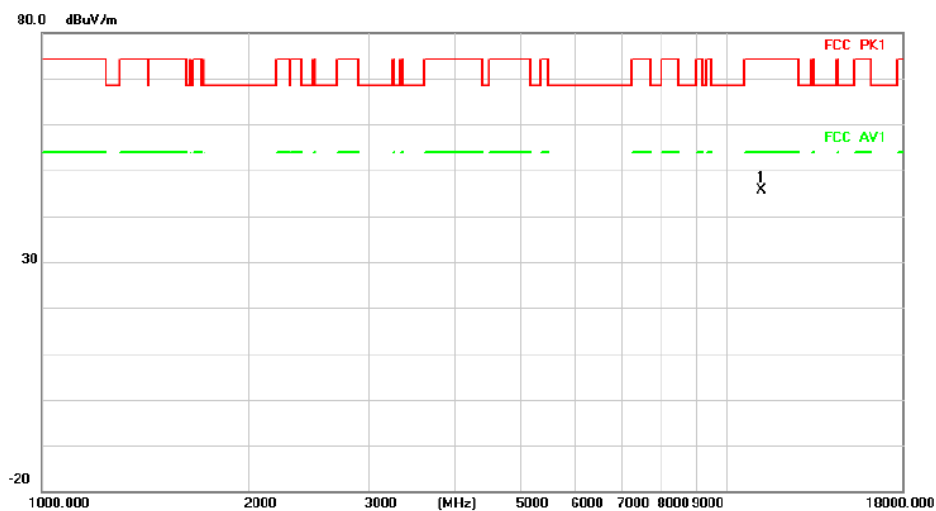
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:110

VERTICAL

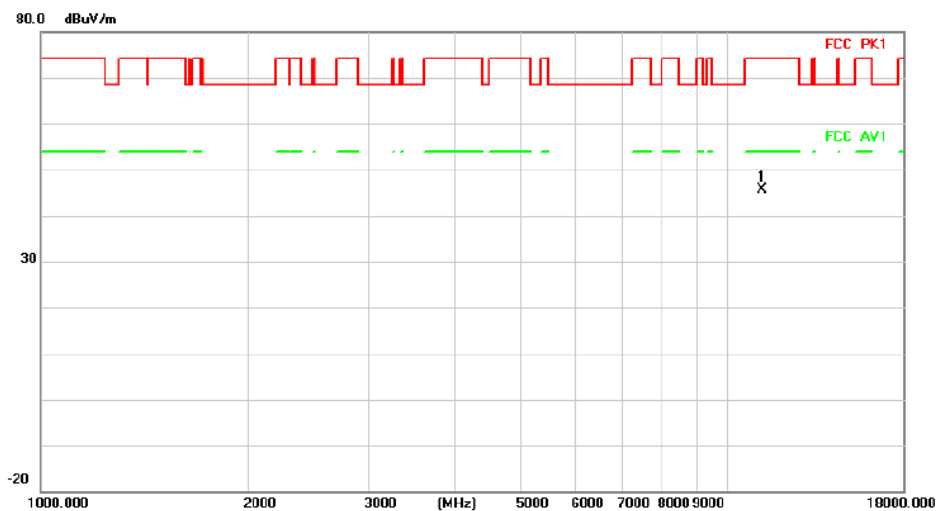
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11100.000	35.62	10.00	45.62	74.00	-28.38	peak

HORIZONTAL

Radiated Emission



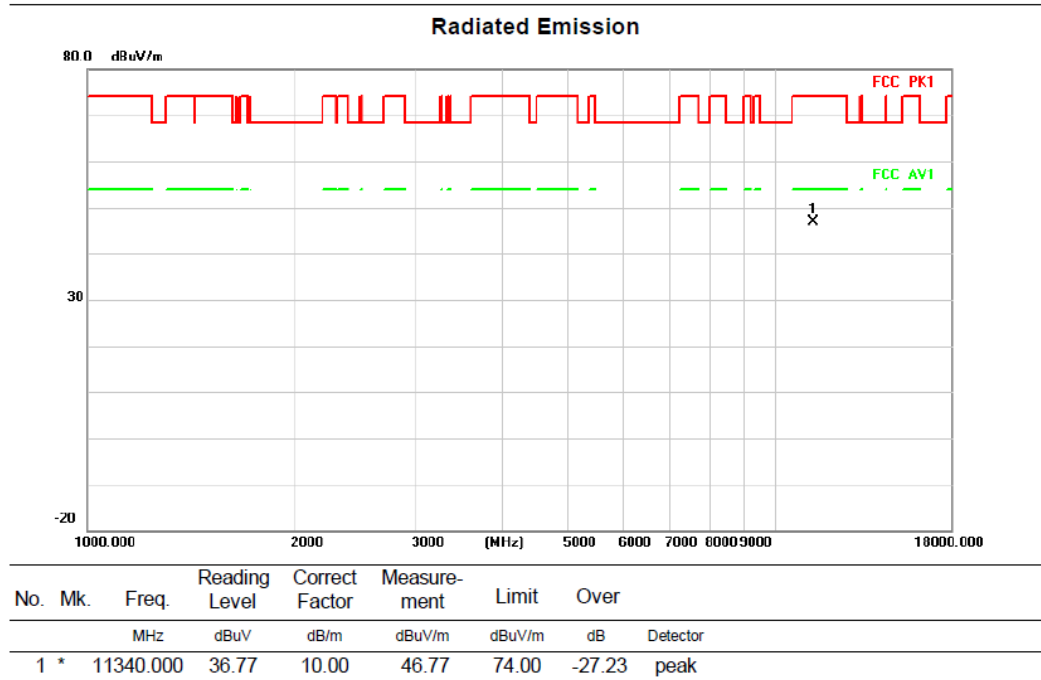
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11000.000	35.69	10.00	45.69	74.00	-28.31	peak

Above 1G (1GHz~18GHz)

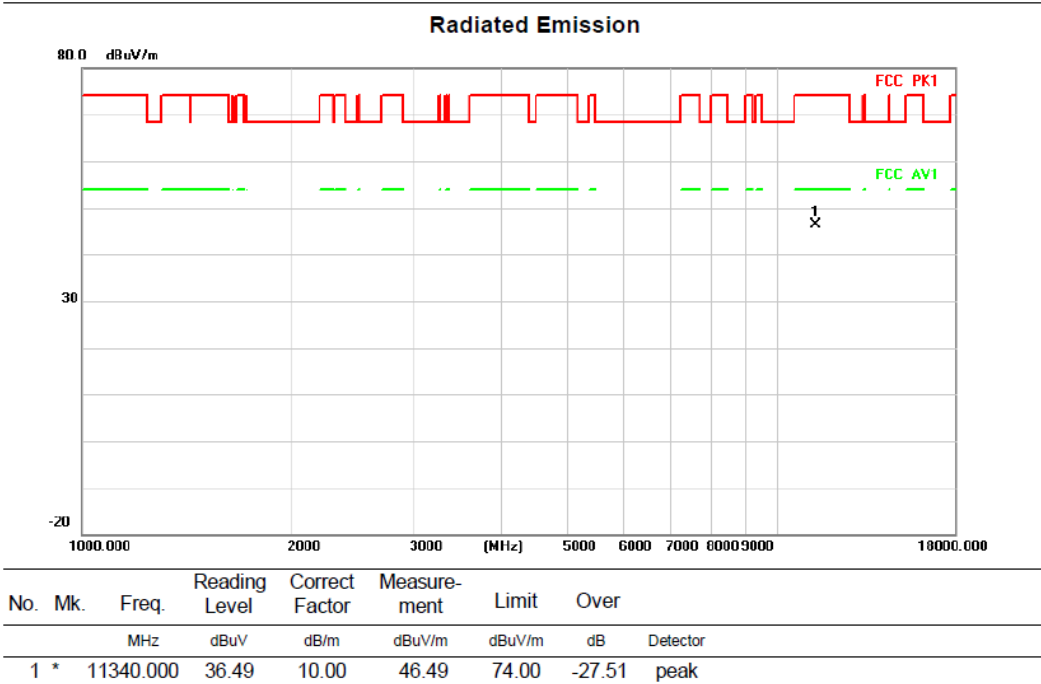
Test mode: 11N40

Test Channel:134

VERTICAL



HORIZONTAL



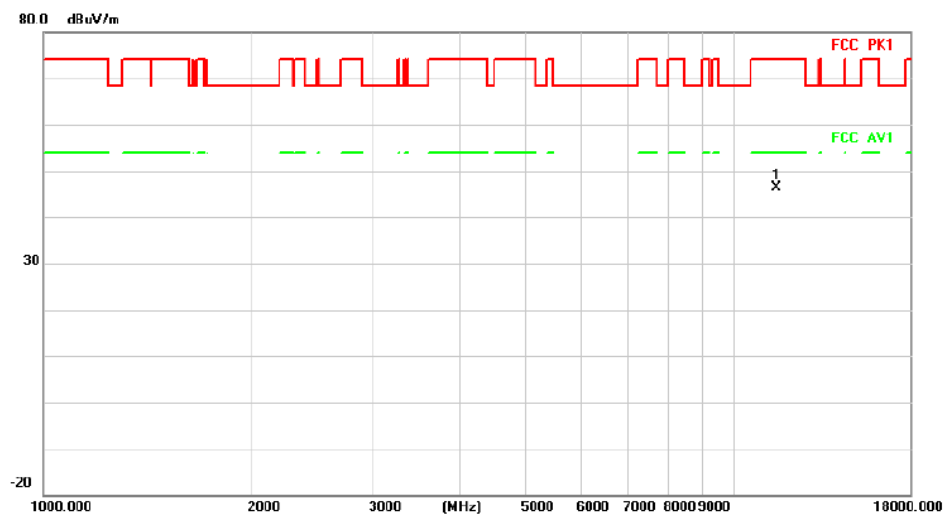
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:151

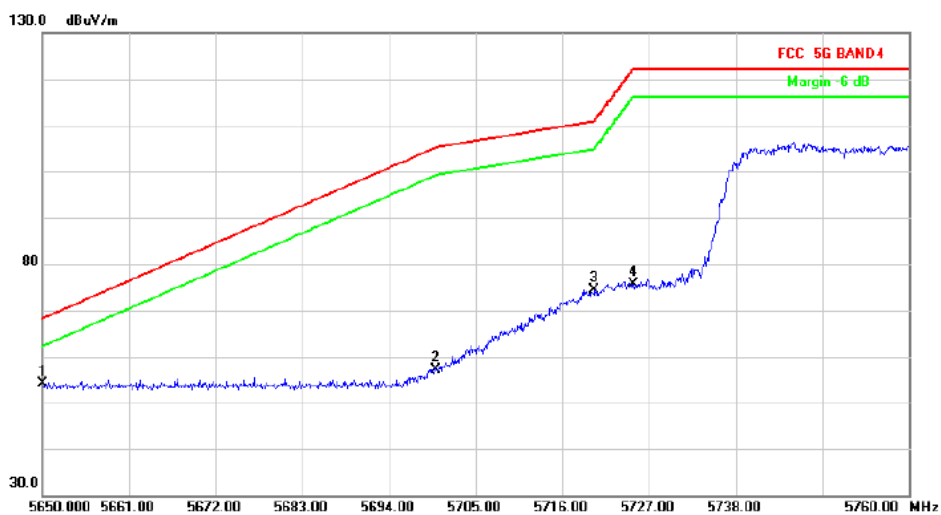
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11510.000	36.36	10.00	46.36	74.00	-27.64 peak

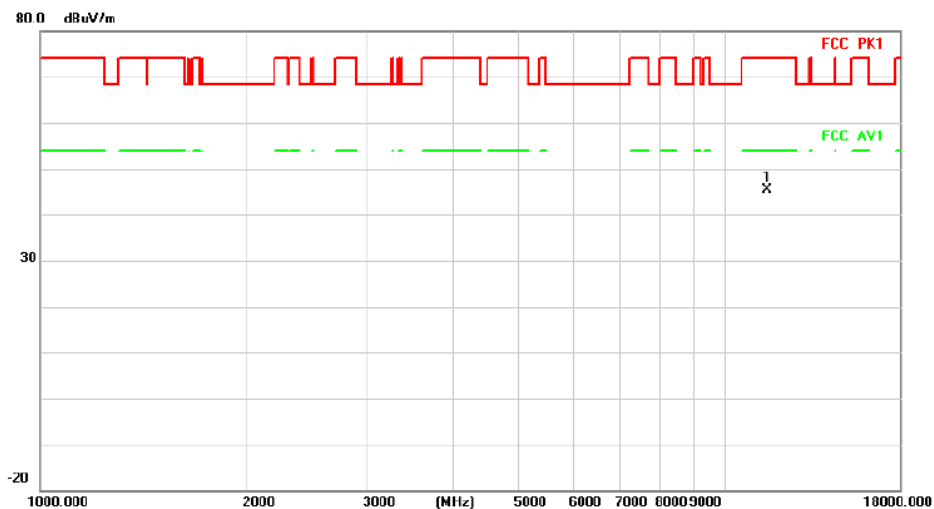
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	39.04	15.12	54.16	68.20	-14.04 peak
2		5700.000	41.62	15.46	57.08	105.20	-48.12 peak
3		5720.000	59.00	15.33	74.33	110.80	-36.47 peak
4		5725.000	60.33	15.30	75.63	122.20	-46.57 peak

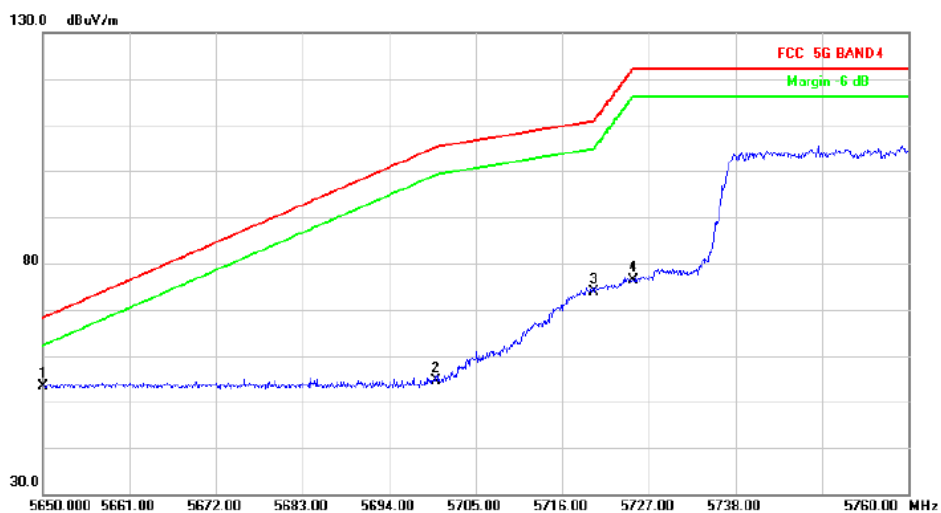
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.000	35.49	10.00	45.49	74.00	-28.51	peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	38.34	15.12	53.46	68.20	-14.74	peak
2		5700.000	39.23	15.46	54.69	105.20	-50.51	peak
3		5720.000	58.48	15.33	73.81	110.80	-36.99	peak
4		5725.000	61.11	15.30	76.41	122.20	-45.79	peak

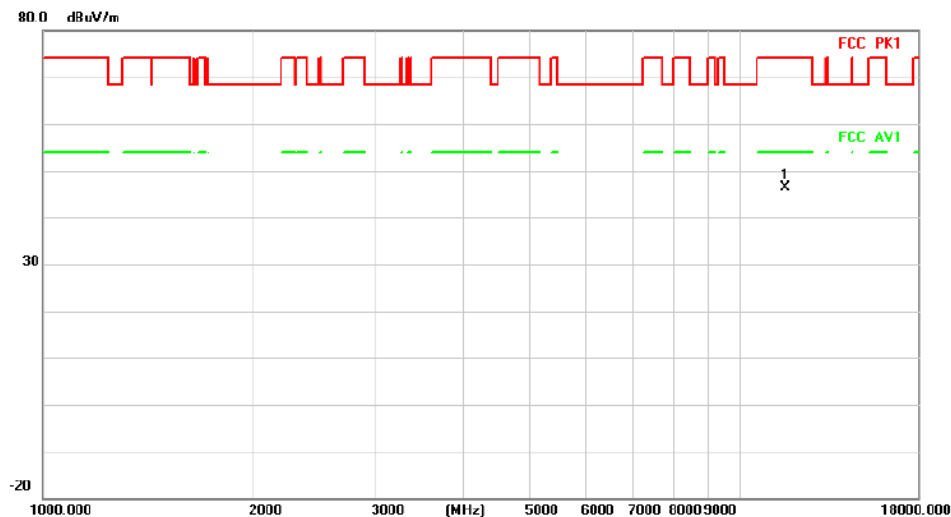
Above 1G (1GHz~18GHz)

Test mode: 11N40

Test Channel:159

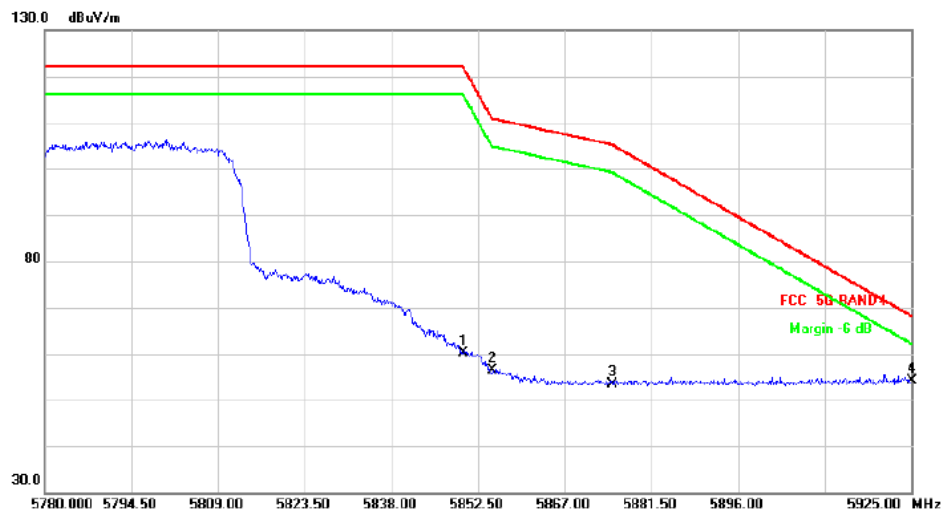
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11590.000	36.38	10.00	46.38	74.00	-27.62 peak

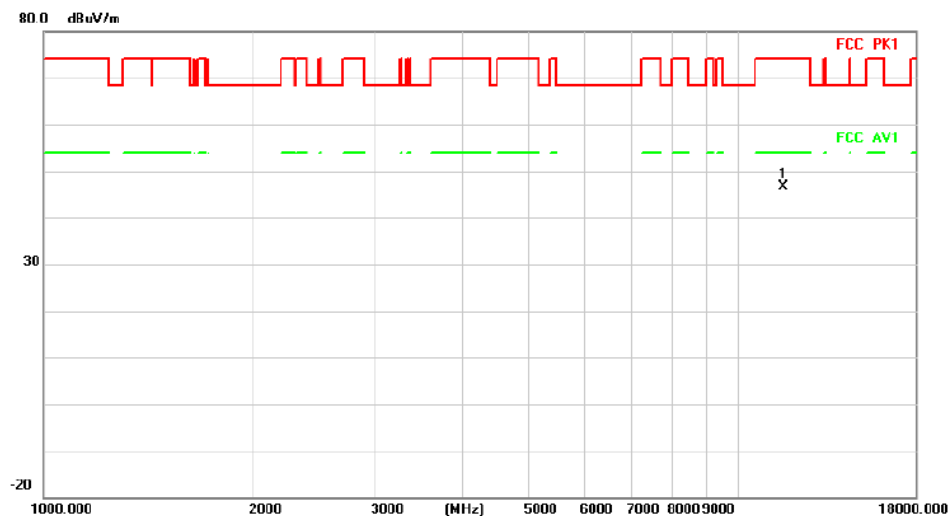
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	44.90	15.18	60.08	122.20	-62.12 peak
2		5855.000	41.20	15.25	56.45	110.80	-54.35 peak
3		5875.000	37.97	15.51	53.48	105.20	-51.72 peak
4	*	5925.000	37.97	16.28	54.25	68.20	-13.95 peak

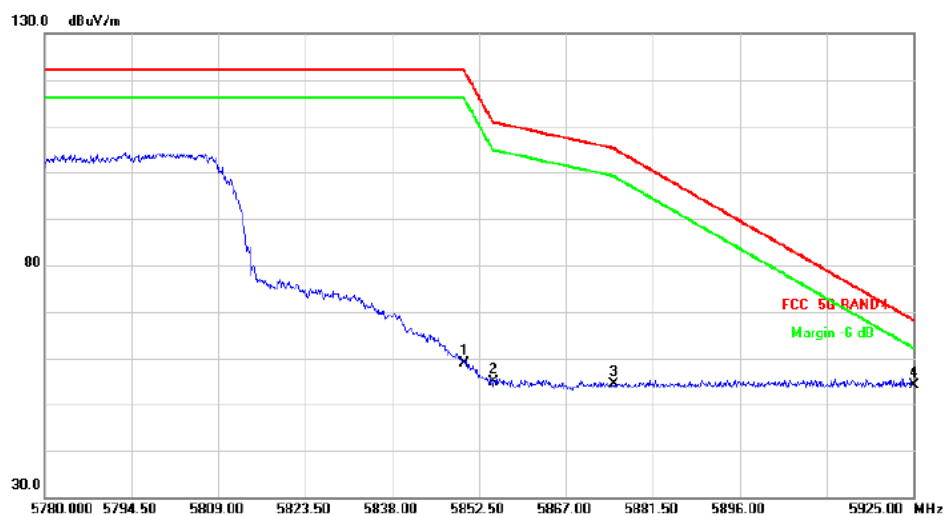
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11590.000	36.61	10.00	46.61	74.00	-27.39 peak

Radiated Emission



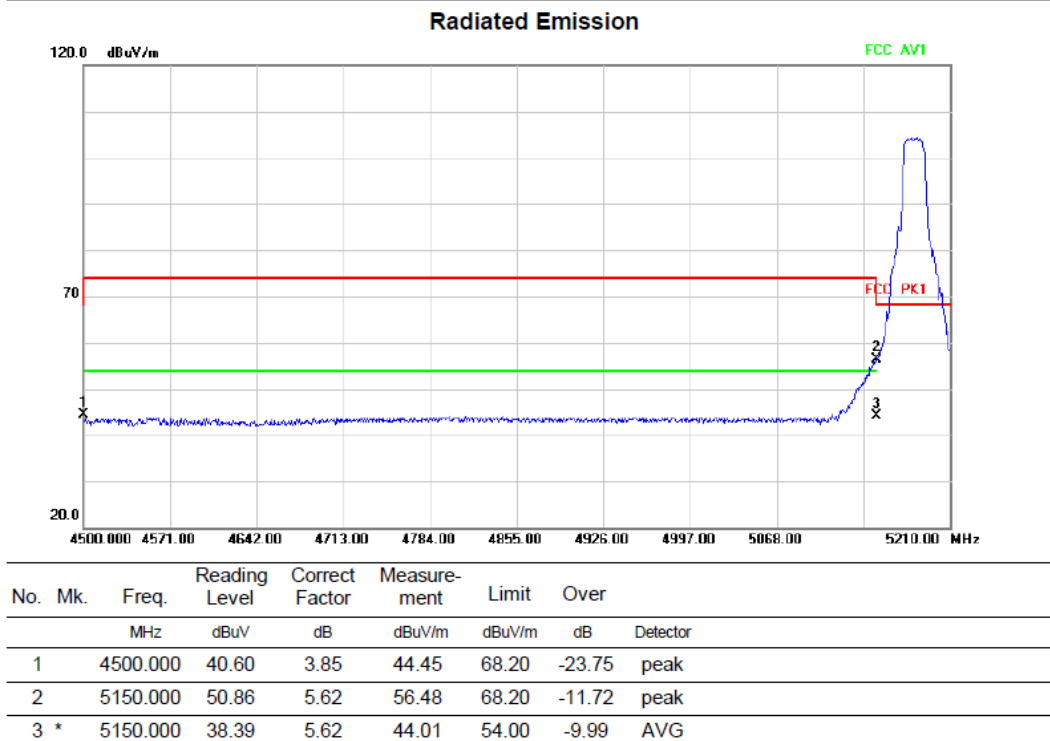
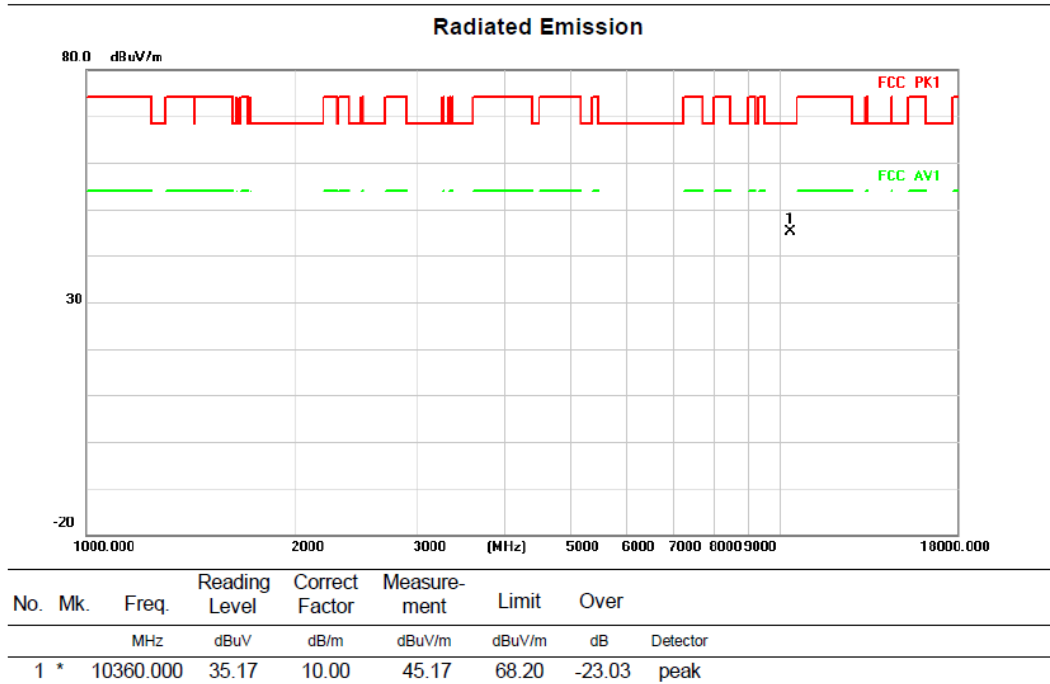
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	43.65	15.18	58.83	122.20	-63.37 peak
2		5855.000	39.74	15.25	54.99	110.80	-55.81 peak
3		5875.000	38.87	15.51	54.38	105.20	-50.82 peak
4	*	5925.000	37.97	16.28	54.25	68.20	-13.95 peak

Above 1G (1GHz~18GHz)

Test mode: 11AC20

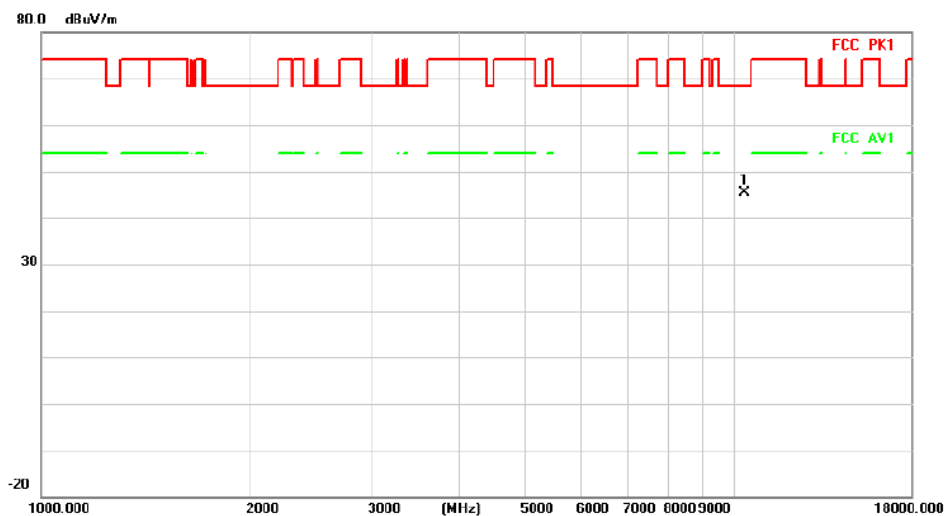
Test Channel:36

VERTICAL



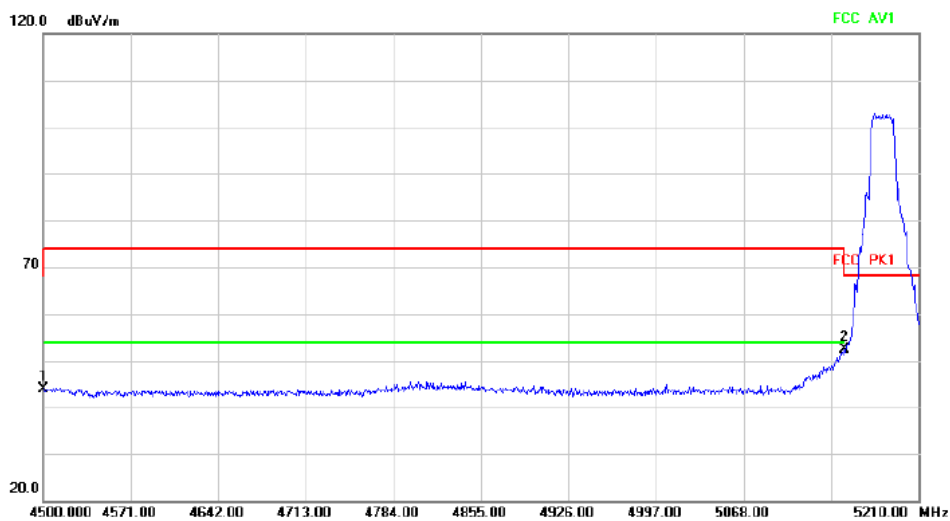
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10360.000	35.42	10.00	45.42	68.20	-22.78 peak

Radiated Emission



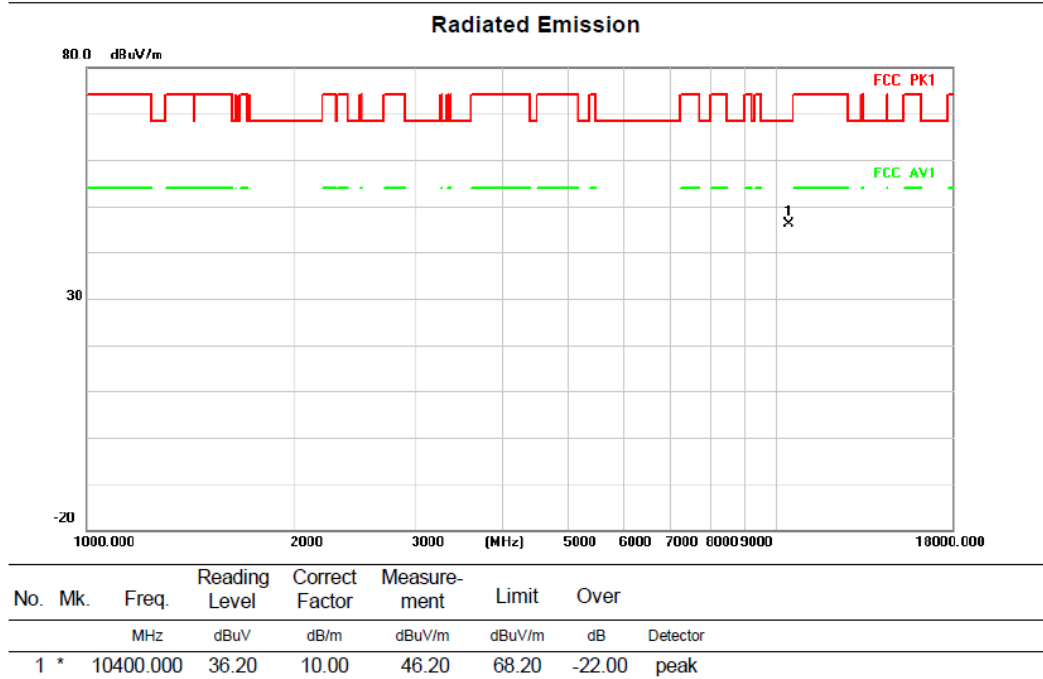
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		4500.000	40.10	3.85	43.95	68.20	-24.25 peak
2	*	5150.000	46.87	5.62	52.49	68.20	-15.71 peak

Above 1G (1GHz~18GHz)

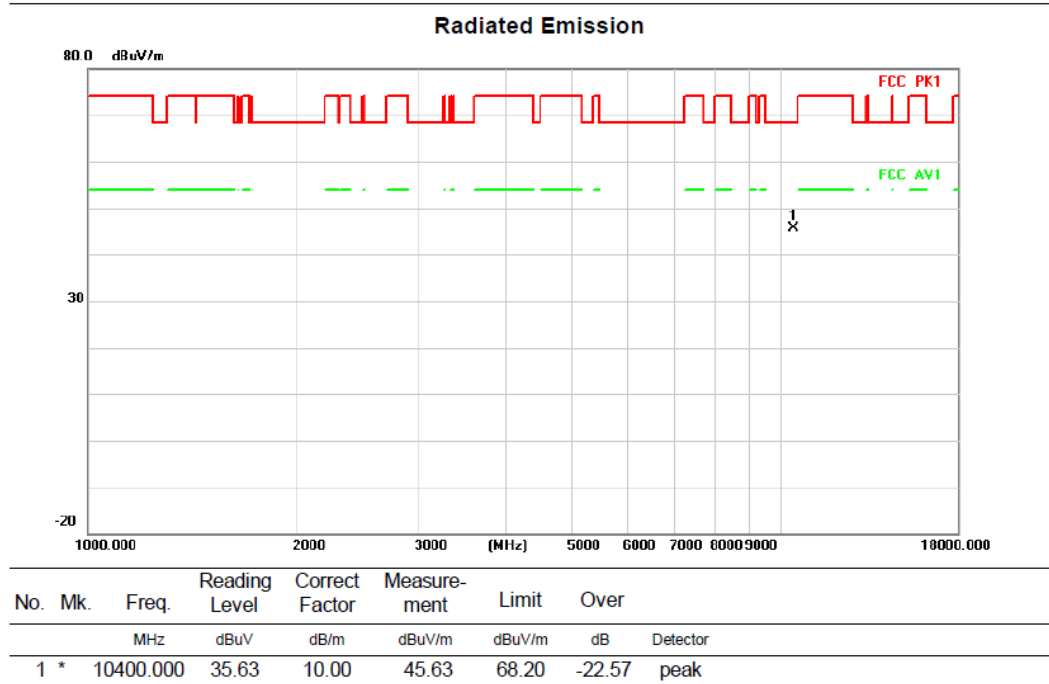
Test mode: 11AC20

Test Channel:40

VERTICAL



HORIZONTAL

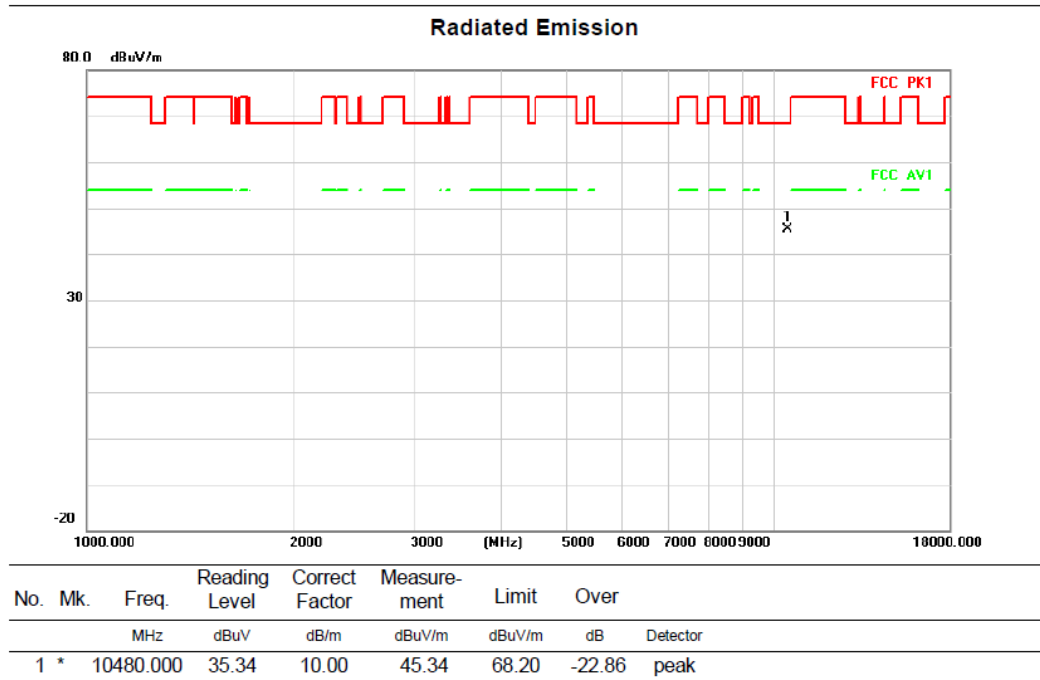


Above 1G (1GHz~18GHz)

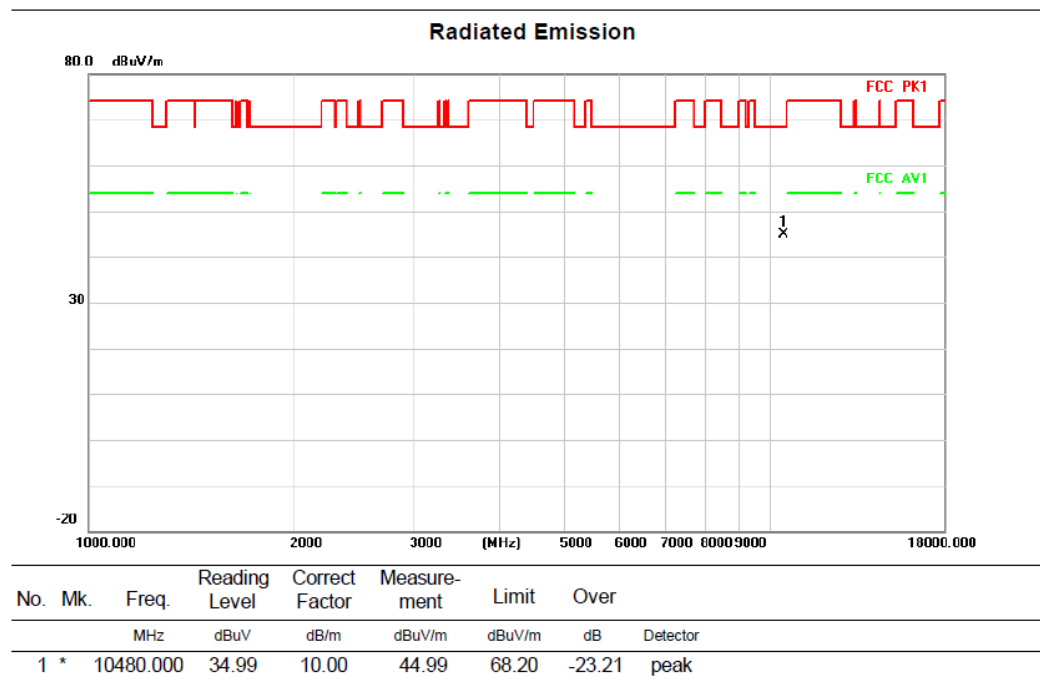
Test mode: 11AC20

Test Channel:48

VERTICAL



HORIZONTAL

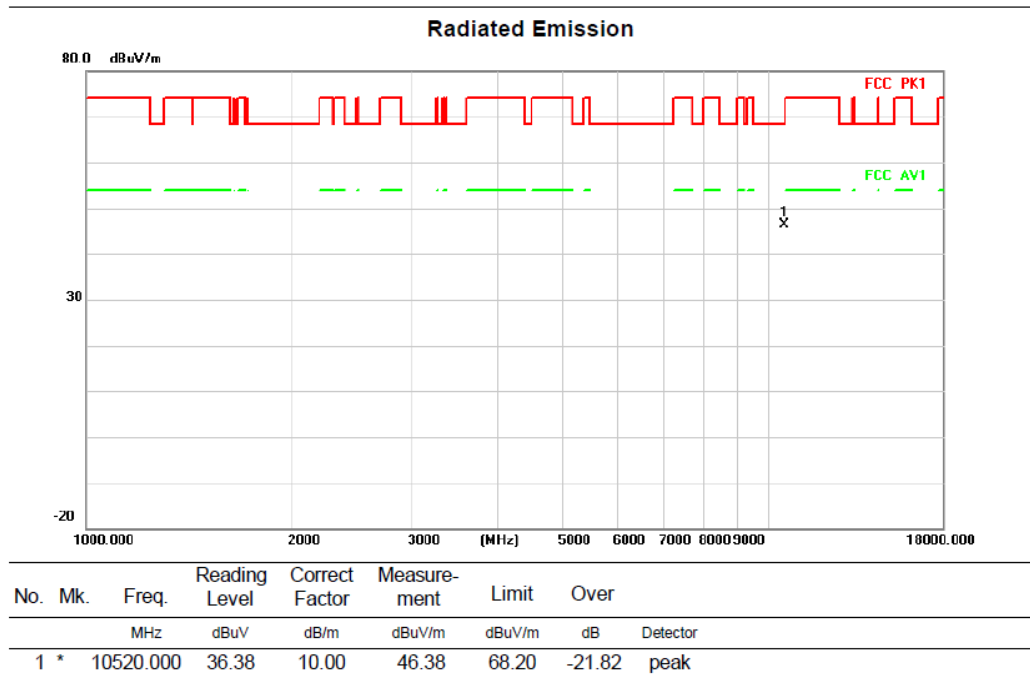


Above 1G (1GHz~18GHz)

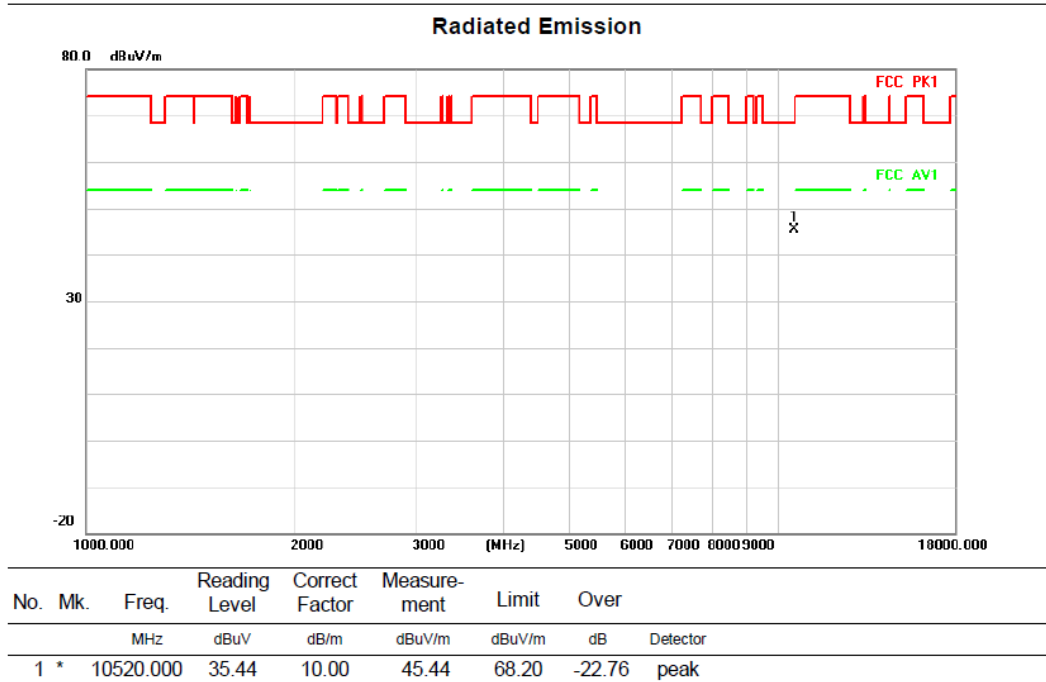
Test mode: 11AC20

Test Channel:52

VERTICAL



HORIZONTAL

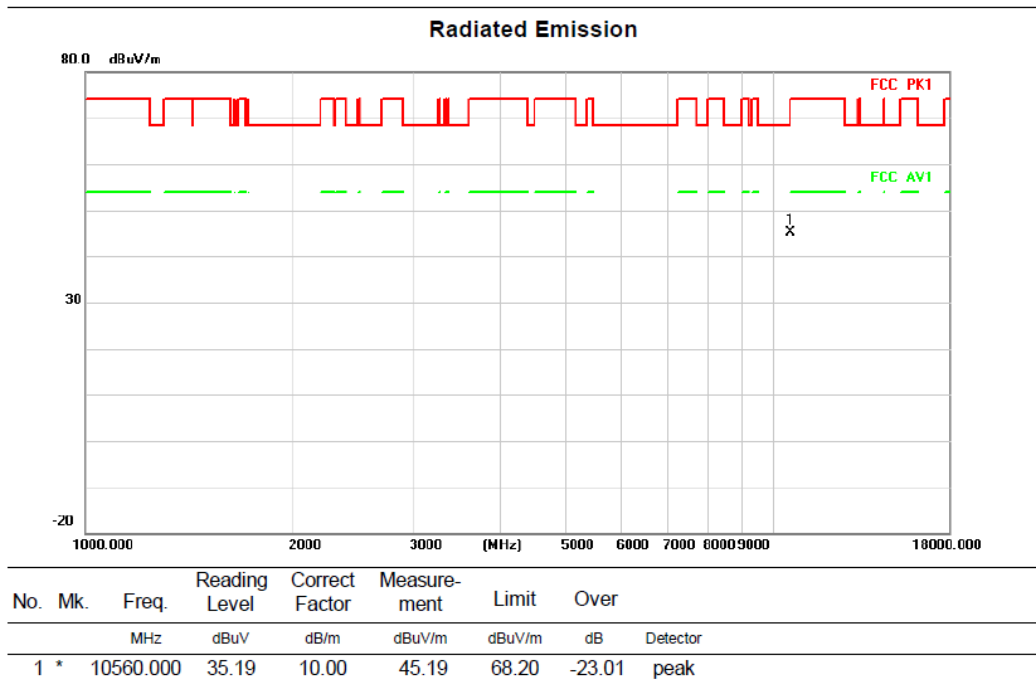


Above 1G (1GHz~18GHz)

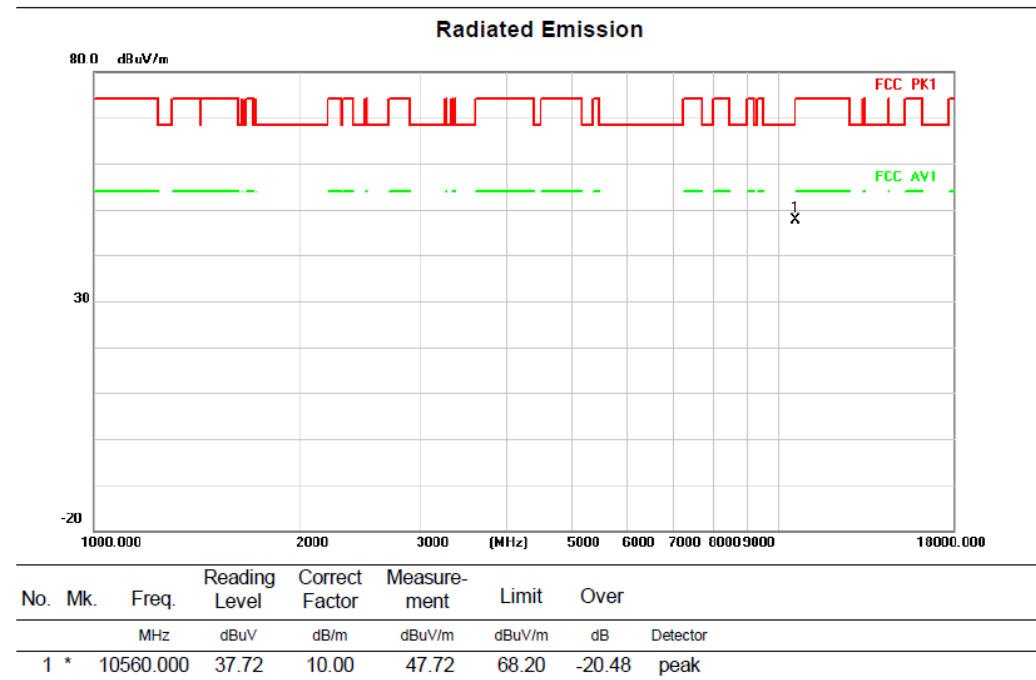
Test mode: 11AC20

Test Channel:56

VERTICAL



HORIZONTAL



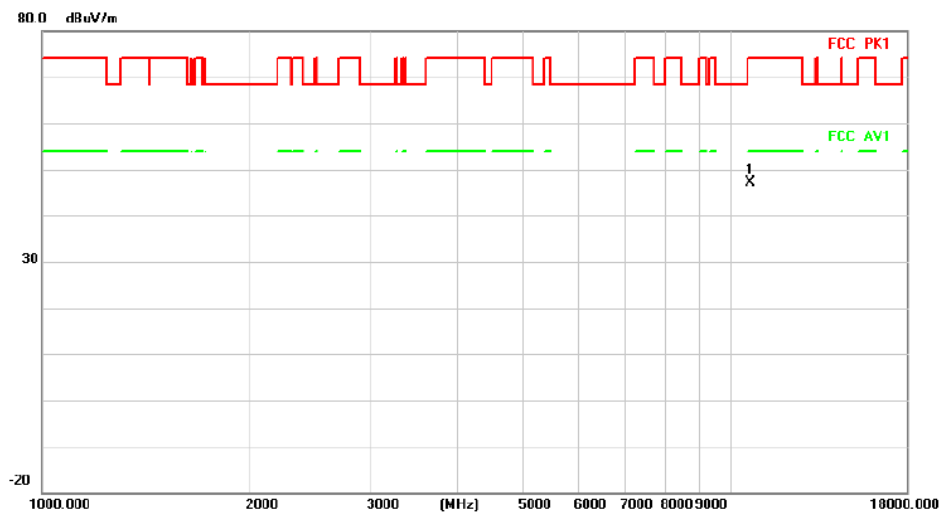
Above 1G (1GHz~18GHz)

Test mode: 11AC20

Test Channel:64

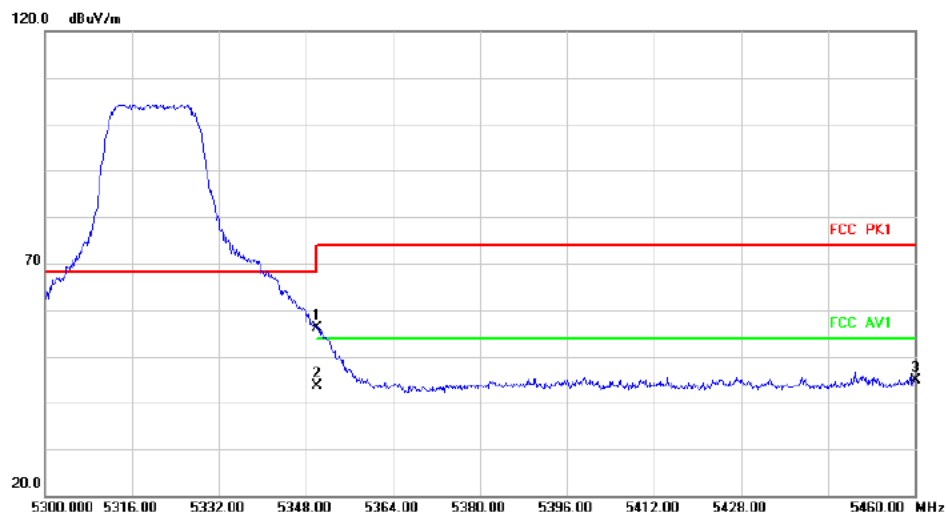
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10640.000	37.18	10.00	47.18	74.00	-26.82 peak

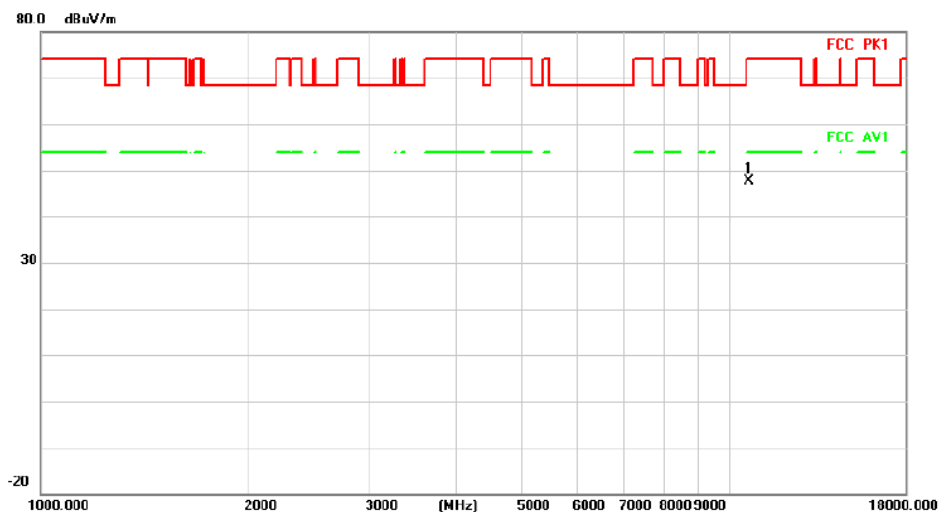
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	51.65	4.44	56.09	68.20	-12.11 peak
2	*	5350.000	39.15	4.44	43.59	54.00	-10.41 AVG
3		5460.000	40.47	4.51	44.98	68.20	-23.22 peak

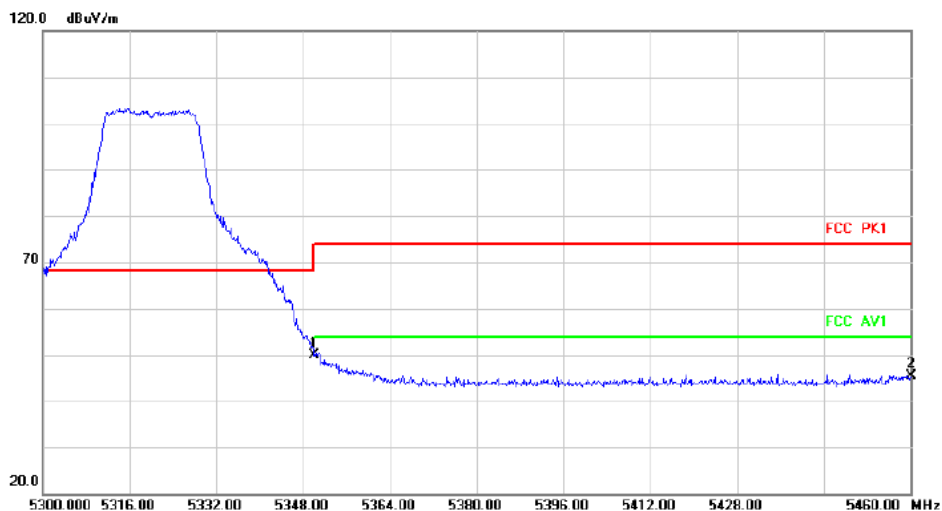
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10640.000	37.64	10.00	47.64	74.00	-26.36 peak

Radiated Emission



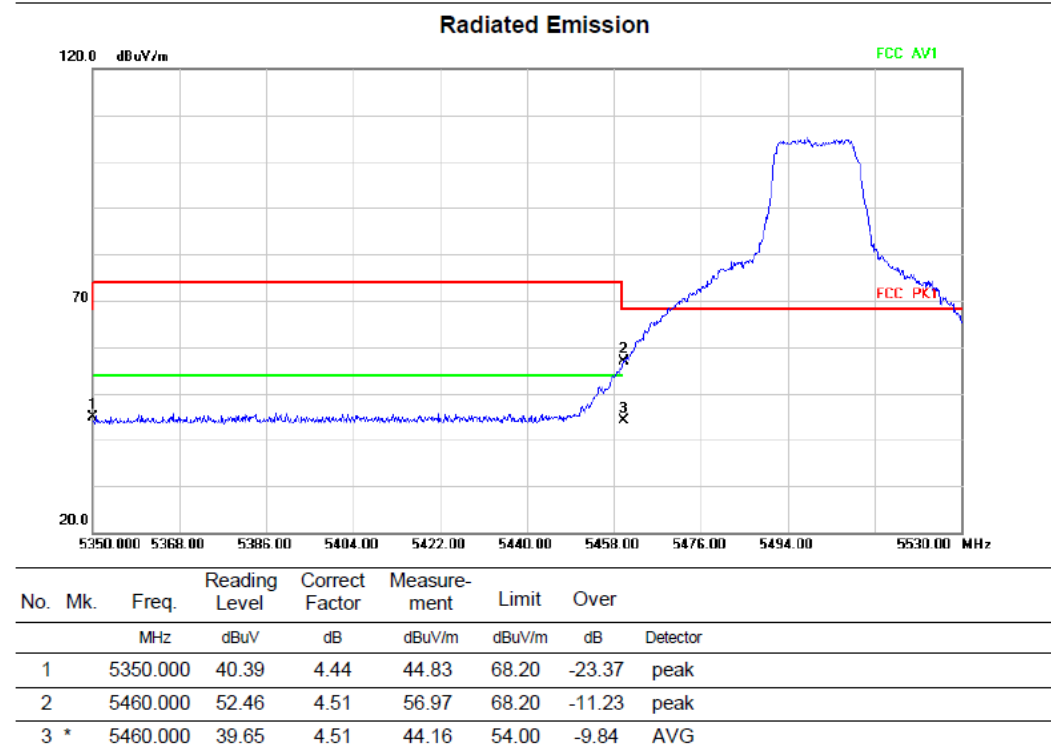
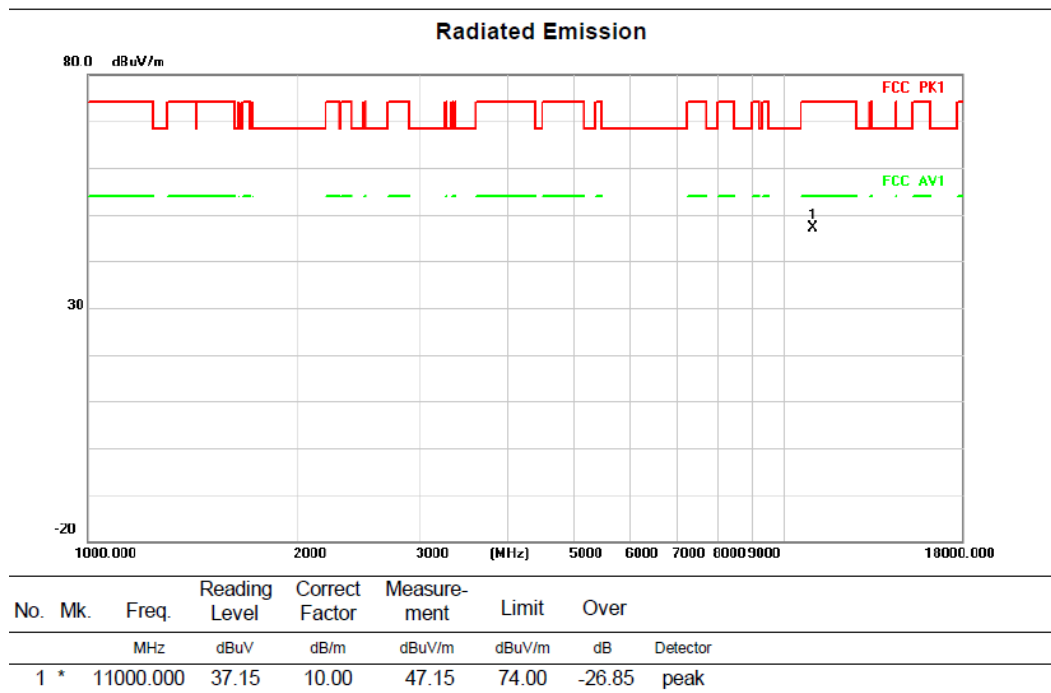
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5350.000	45.32	4.44	49.76	68.20	-18.44 peak
2		5460.000	40.88	4.51	45.39	68.20	-22.81 peak

Above 1G (1GHz~18GHz)

Test mode: 11AC20

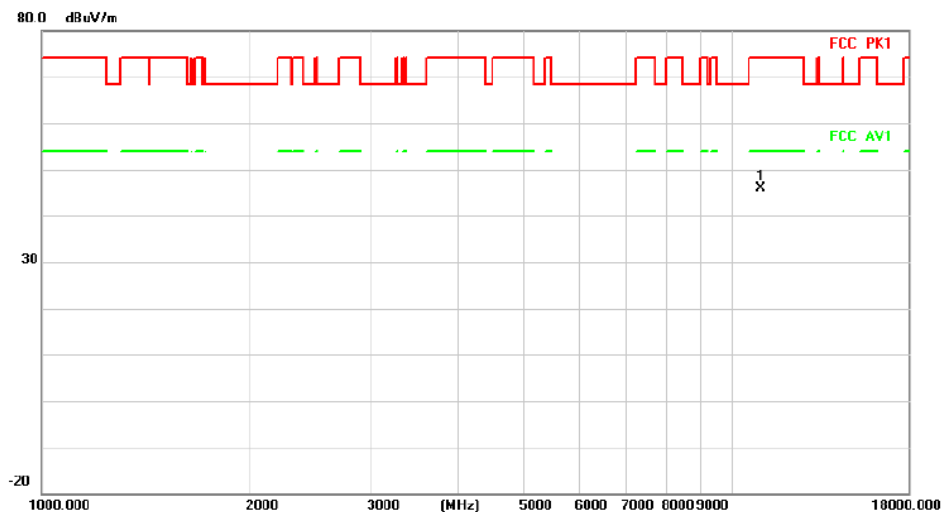
Test Channel:100

VERTICAL



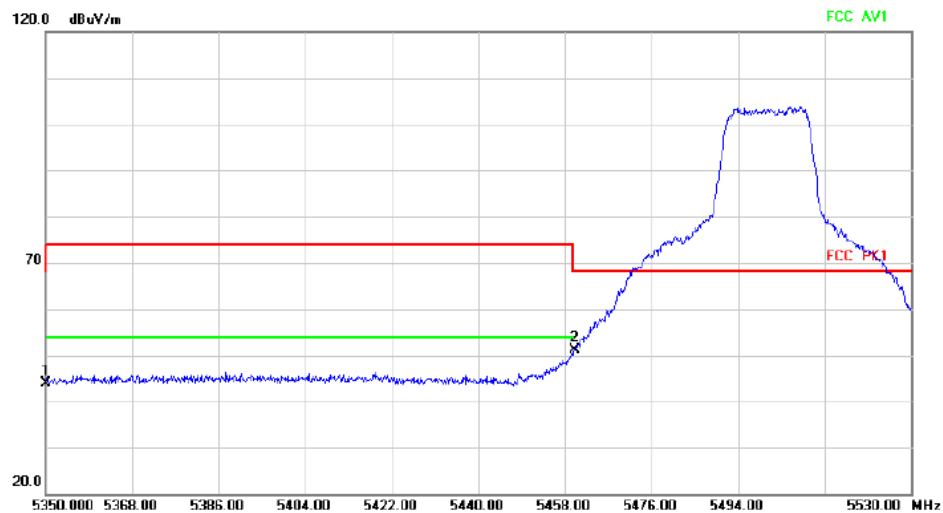
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11000.000	35.77	10.00	45.77	74.00	-28.23 peak

Radiated Emission



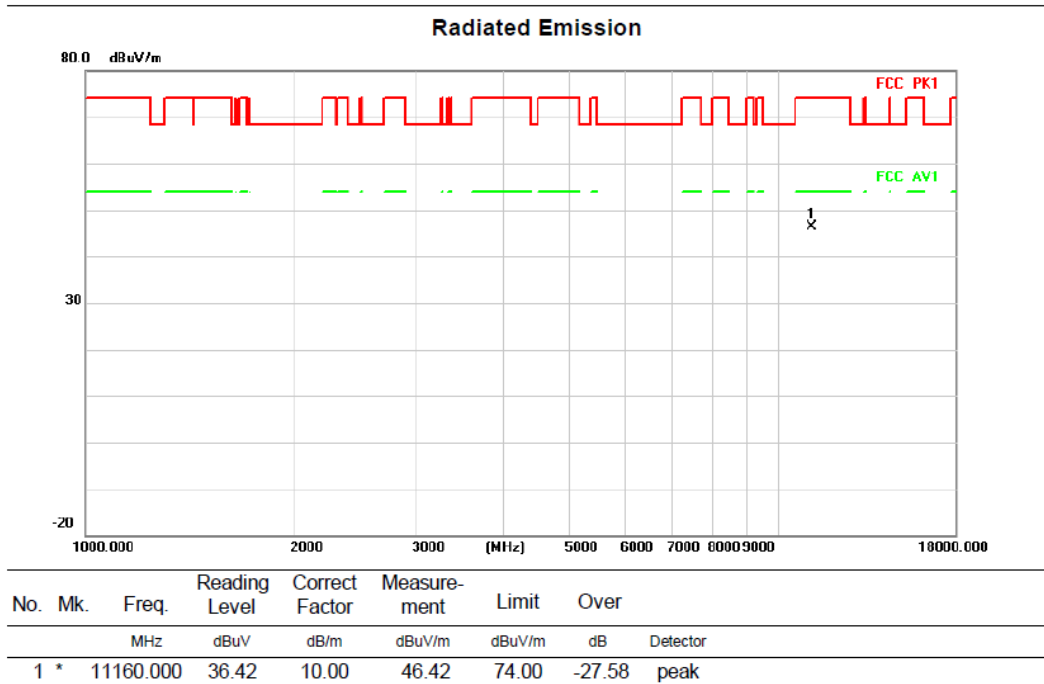
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	39.38	4.44	43.82	68.20	-24.38 peak
2	*	5460.000	46.70	4.51	51.21	68.20	-16.99 peak

Above 1G (1GHz~18GHz)

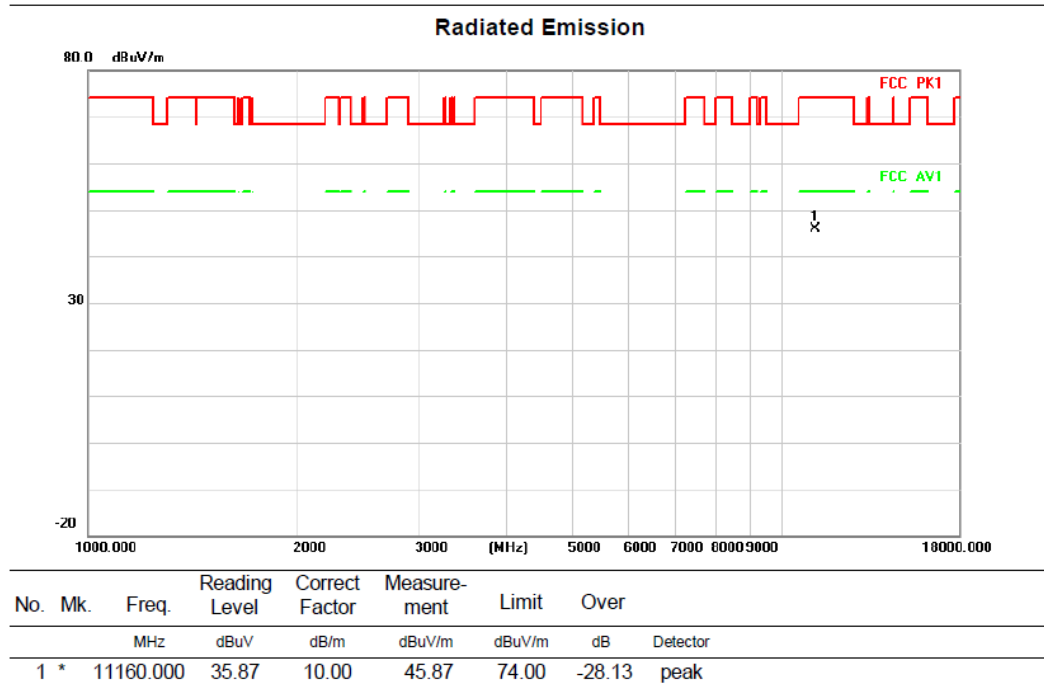
Test mode: 11AC20

Test Channel:116

VERTICAL



HORIZONTAL



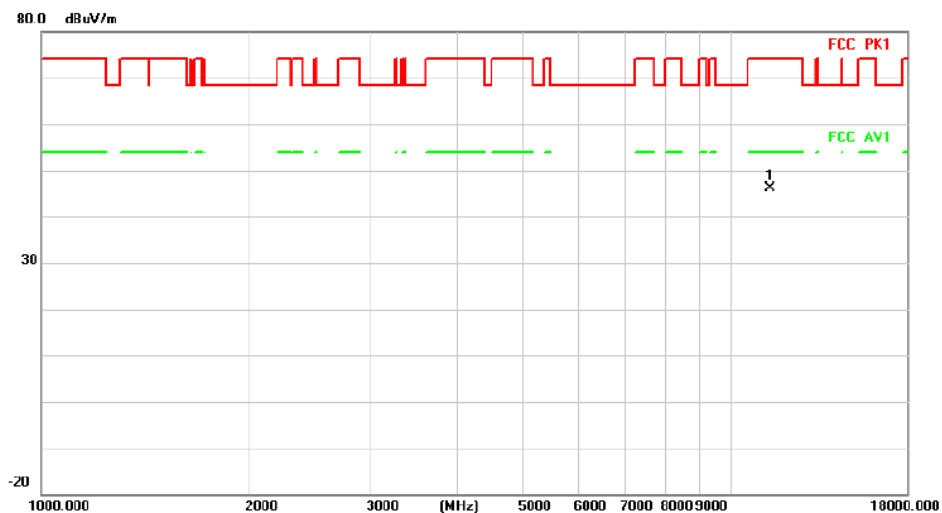
Above 1G (1GHz~18GHz)

Test mode: 11AC20

Test Channel:140

VERTICAL

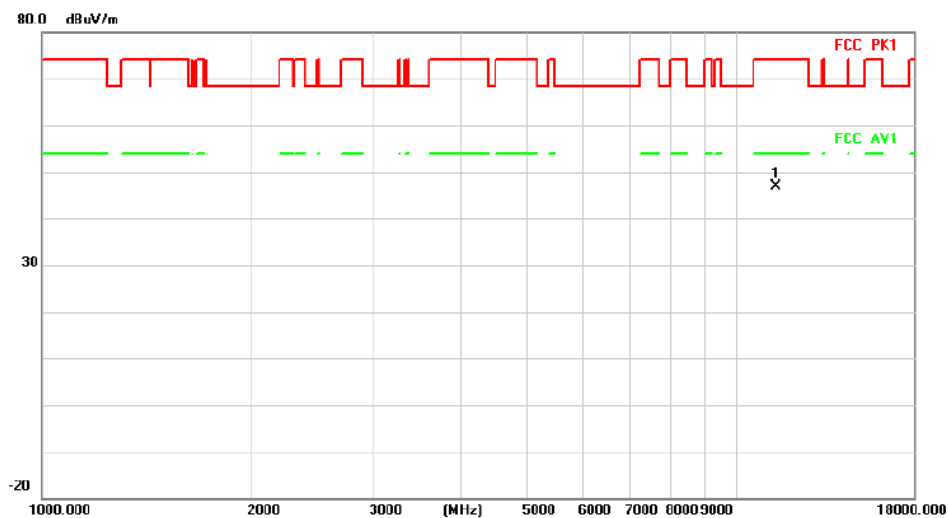
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11400.000	36.12	10.00	46.12	74.00	-27.88	peak

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11400.000	36.76	10.00	46.76	74.00	-27.24	peak

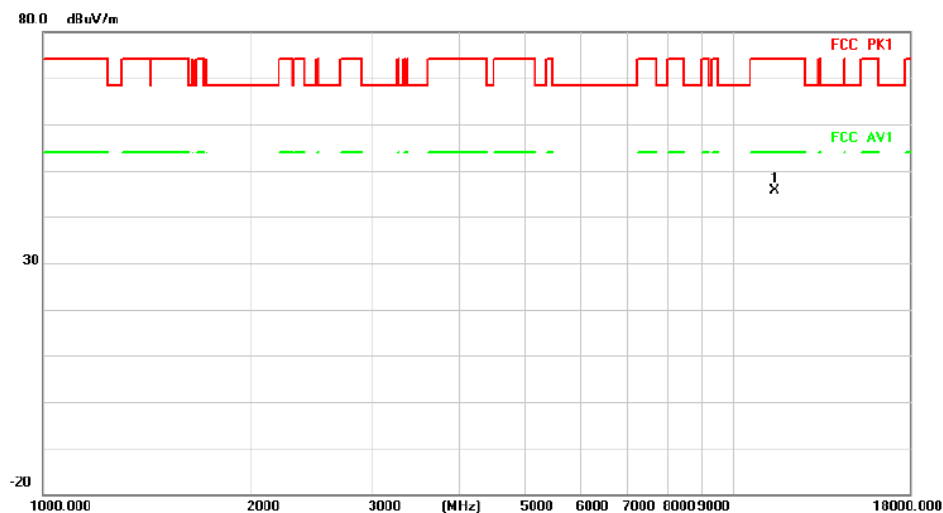
Above 1G (1GHz~18GHz)

Test mode: 11AC20

Test Channel:149

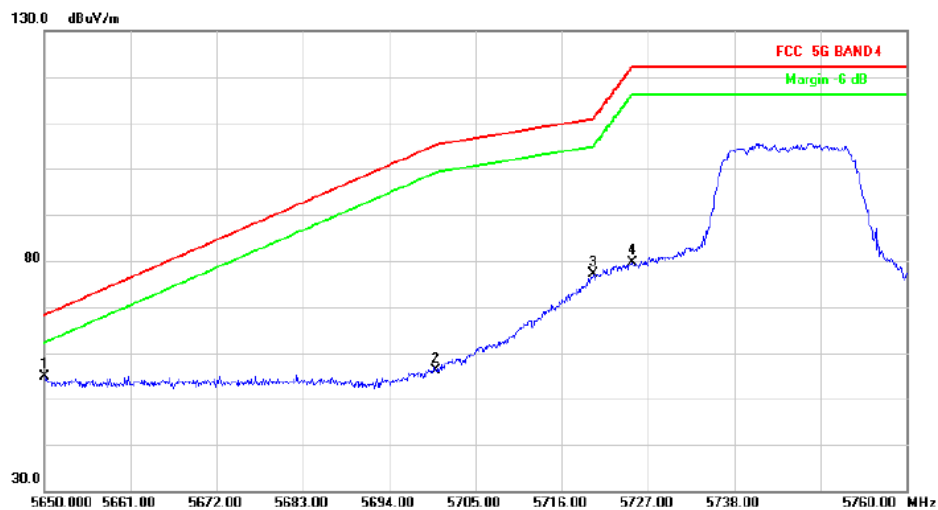
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11490.000	35.73	10.00	45.73	74.00	-28.27	peak

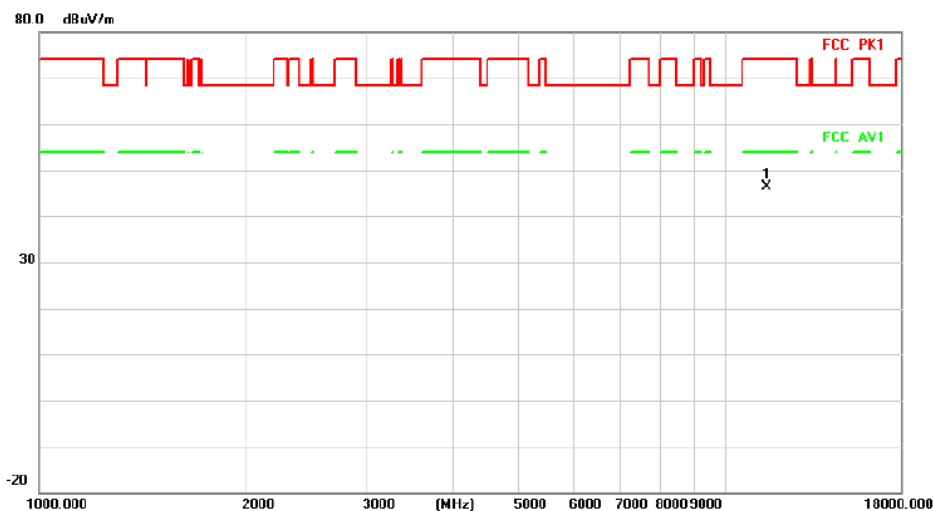
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	49.82	5.12	54.94	68.20	-13.26	peak
2		5700.000	50.63	5.46	56.09	105.20	-49.11	peak
3		5720.000	71.77	5.33	77.10	110.80	-33.70	peak
4		5725.000	74.44	5.30	79.74	122.20	-42.46	peak

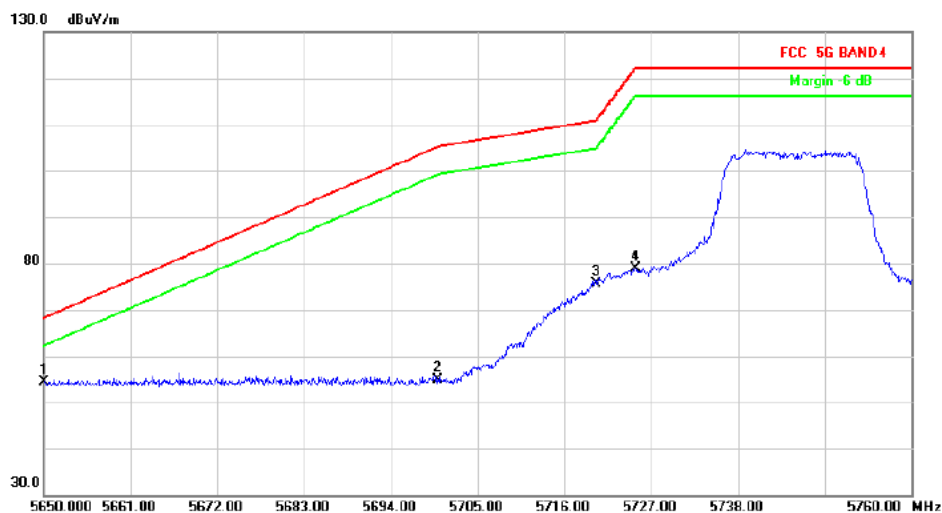
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1 *		11490.000	36.32	10.00	46.32	74.00	-27.68	peak

Radiated Emission



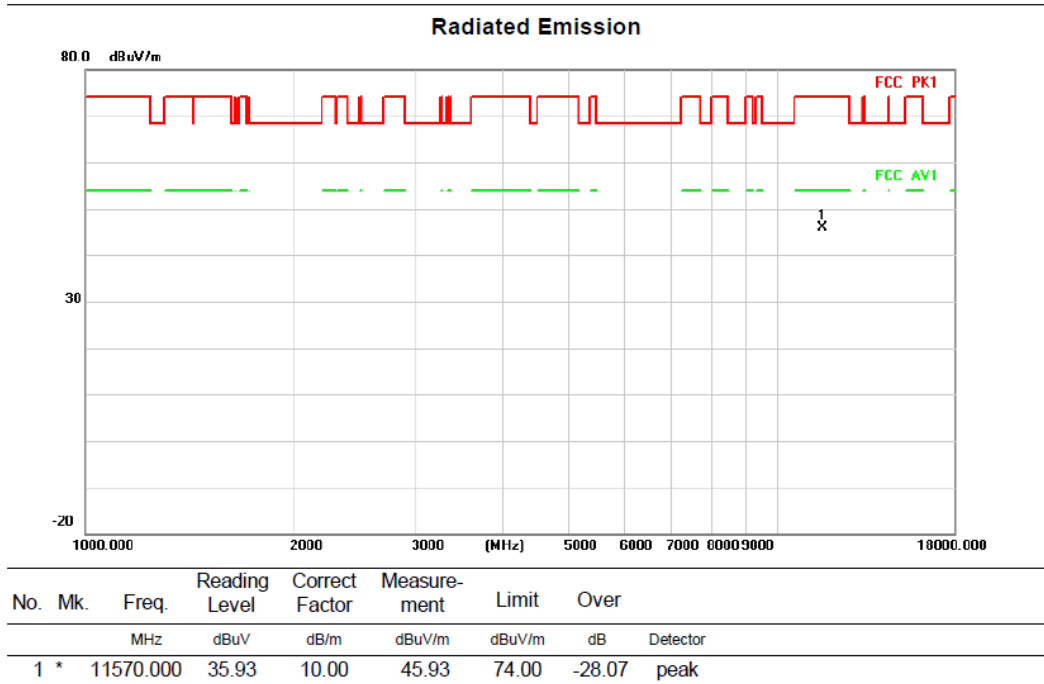
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1 *		5650.000	49.26	5.12	54.38	68.20	-13.82	peak
2		5700.000	49.40	5.46	54.86	105.20	-50.34	peak
3		5720.000	70.30	5.33	75.63	110.80	-35.17	peak
4		5725.000	73.48	5.30	78.78	122.20	-43.42	peak

Above 1G (1GHz~18GHz)

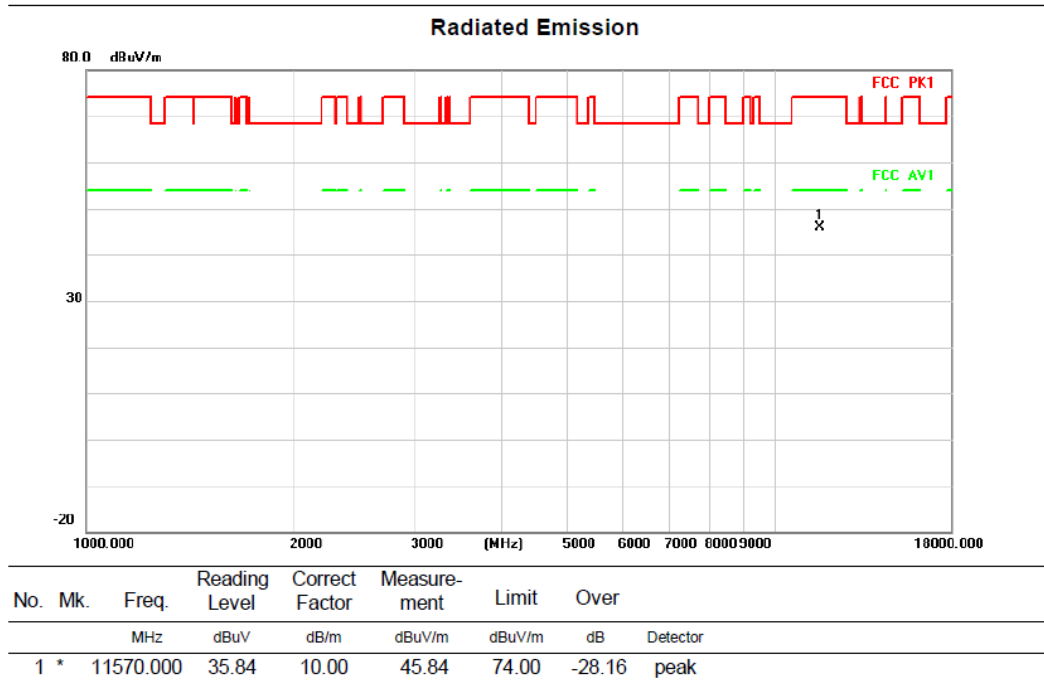
Test mode: 11AC20

Test Channel:157

VERTICAL



HORIZONTAL



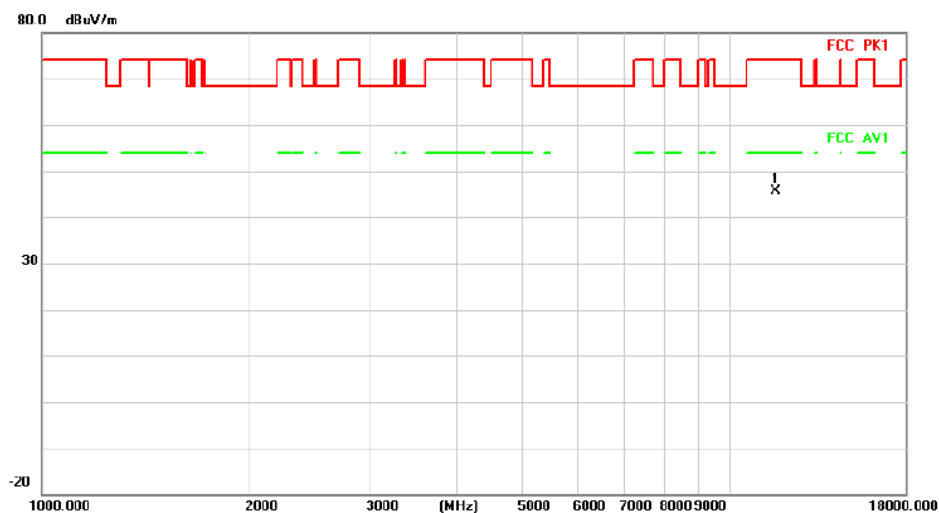
Above 1G (1GHz~18GHz)

Test mode: 11AC20

Test Channel:165

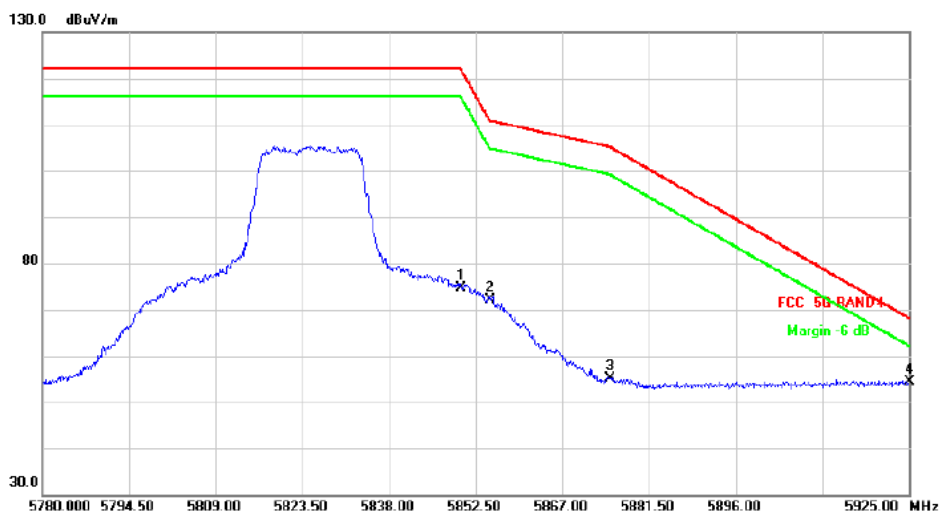
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11650.000	35.64	10.00	45.64	74.00	-28.36	peak

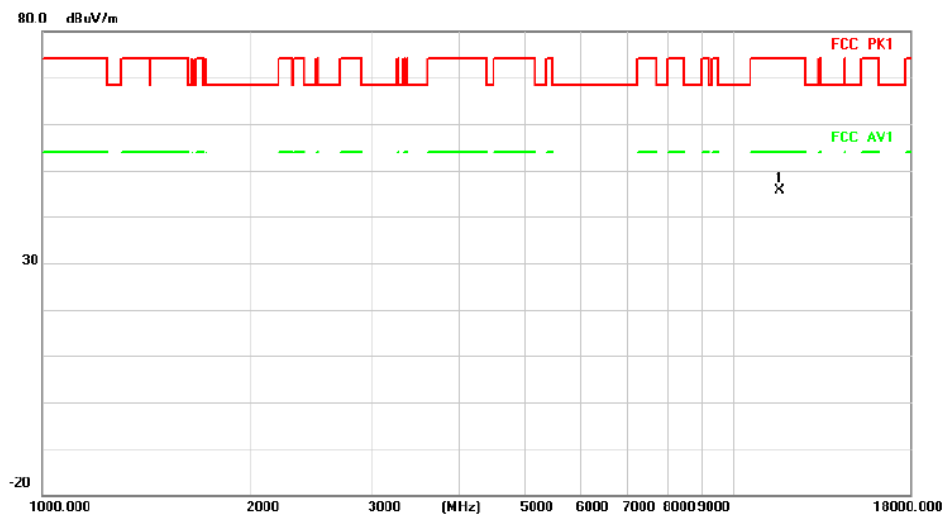
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	69.39	5.18	74.57	122.20	-47.63	peak
2		5855.000	67.00	5.25	72.25	110.80	-38.55	peak
3		5875.000	49.63	5.51	55.14	105.20	-50.06	peak
4	*	5925.000	48.04	6.28	54.32	68.20	-13.88	peak

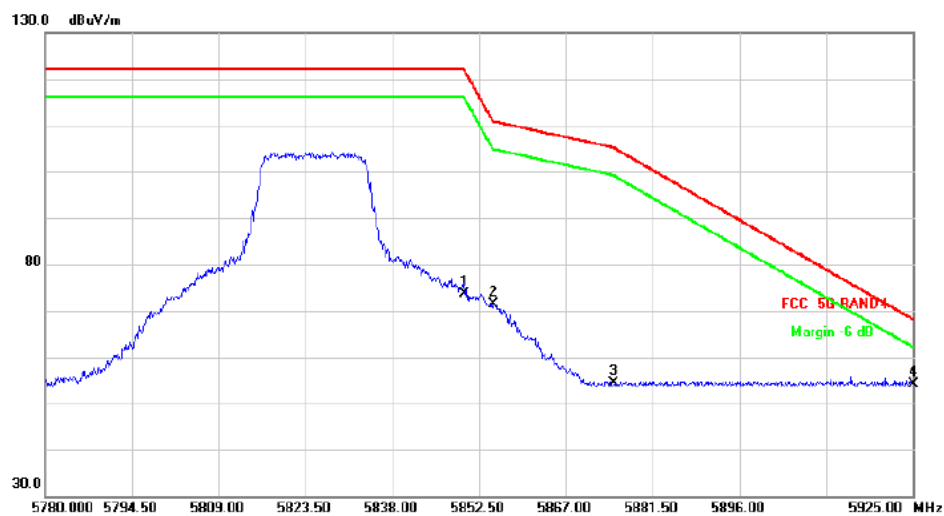
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11650.000	35.60	10.00	45.60	74.00	-28.40 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5850.000	68.33	5.18	73.51	122.20	-48.69 peak
2		5855.000	66.08	5.25	71.33	110.80	-39.47 peak
3		5875.000	48.78	5.51	54.29	105.20	-50.91 peak
4	*	5925.000	47.88	6.28	54.16	68.20	-14.04 peak

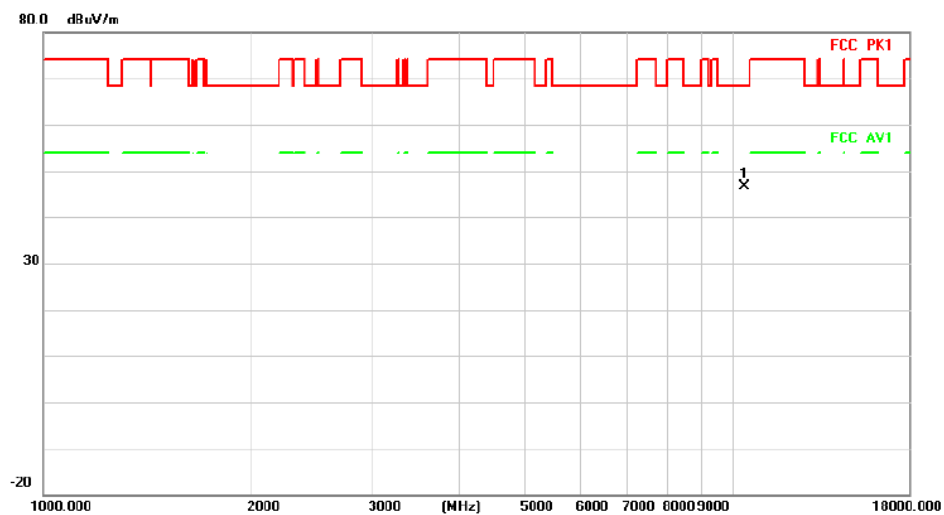
Above 1G (1GHz~18GHz)

Test mode: 11AC40

Test Channel:38

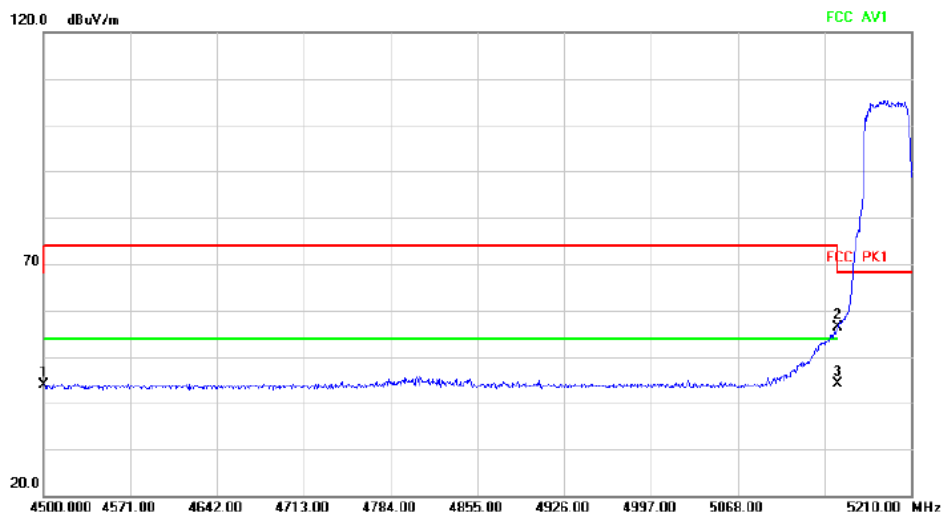
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1	*	10380.000	36.60	10.00	46.60	68.20	-21.60 peak

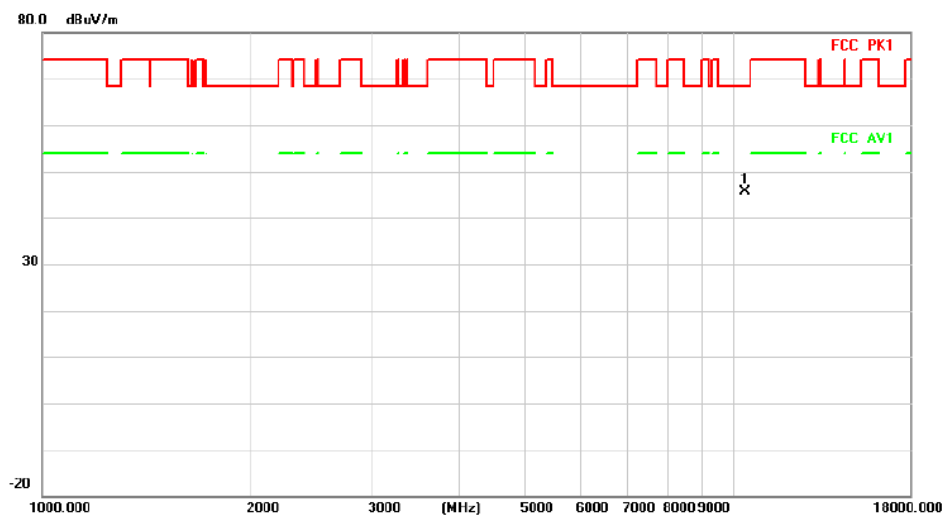
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1		4500.000	29.97	13.85	43.82	68.20	-24.38 peak
2		5150.000	40.71	15.62	56.33	68.20	-11.87 peak
3	*	5150.000	28.40	15.62	44.02	54.00	-9.98 AVG

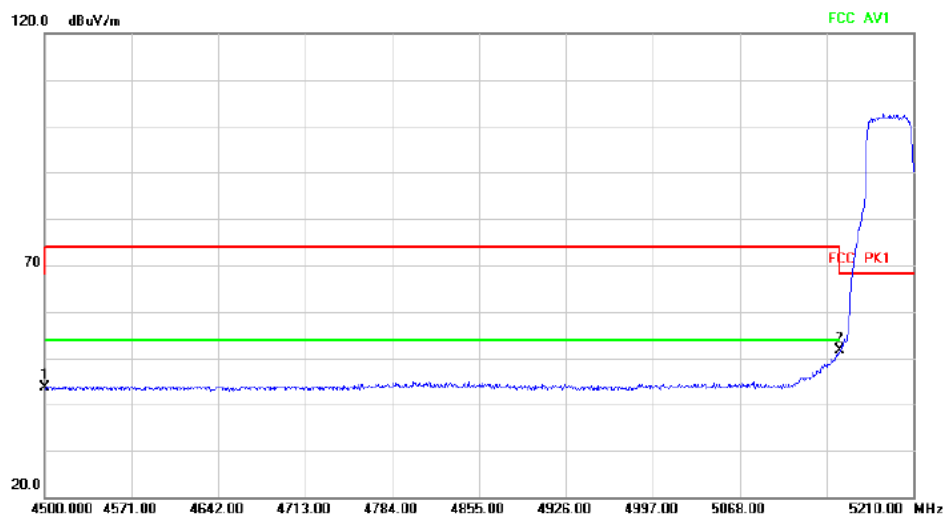
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10380.000	35.52	10.00	45.52	68.20	-22.68 peak

Radiated Emission



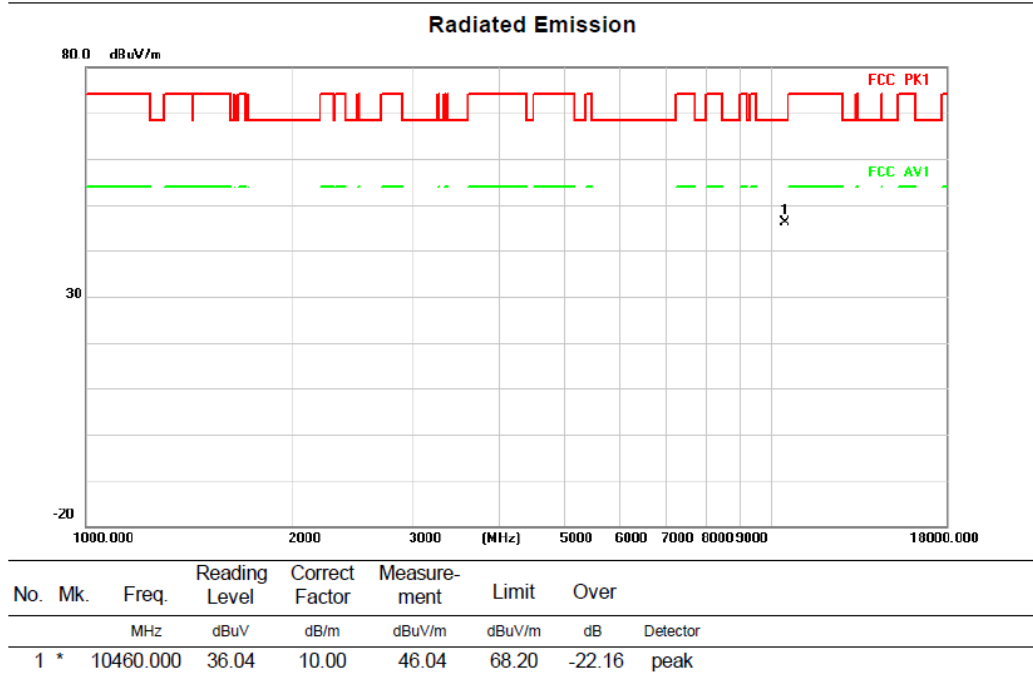
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		4500.000	29.74	13.85	43.59	68.20	-24.61 peak
2	*	5150.000	35.96	15.62	51.58	68.20	-16.62 peak

Above 1G (1GHz~18GHz)

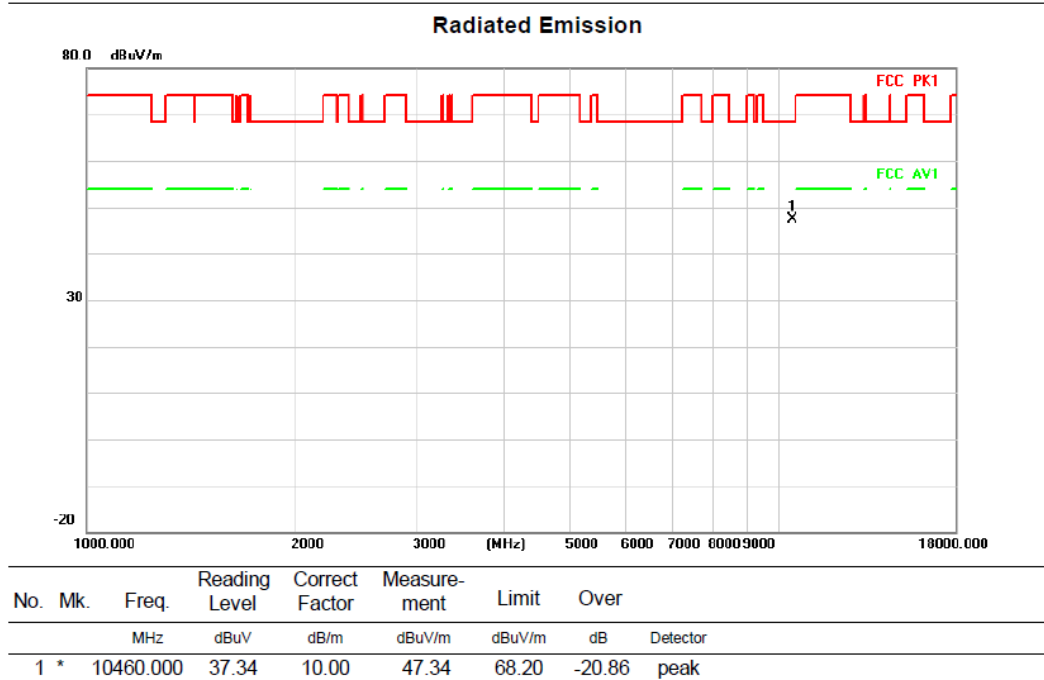
Test mode: 11AC40

Test Channel:46

VERTICAL



HORIZONTAL

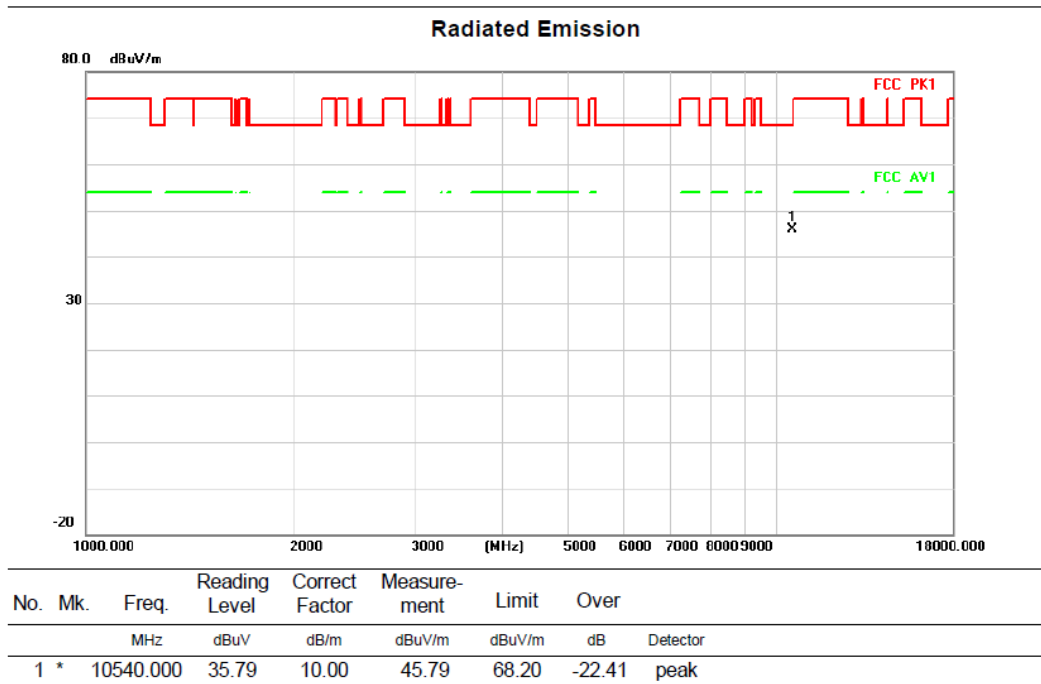


Above 1G (1GHz~18GHz)

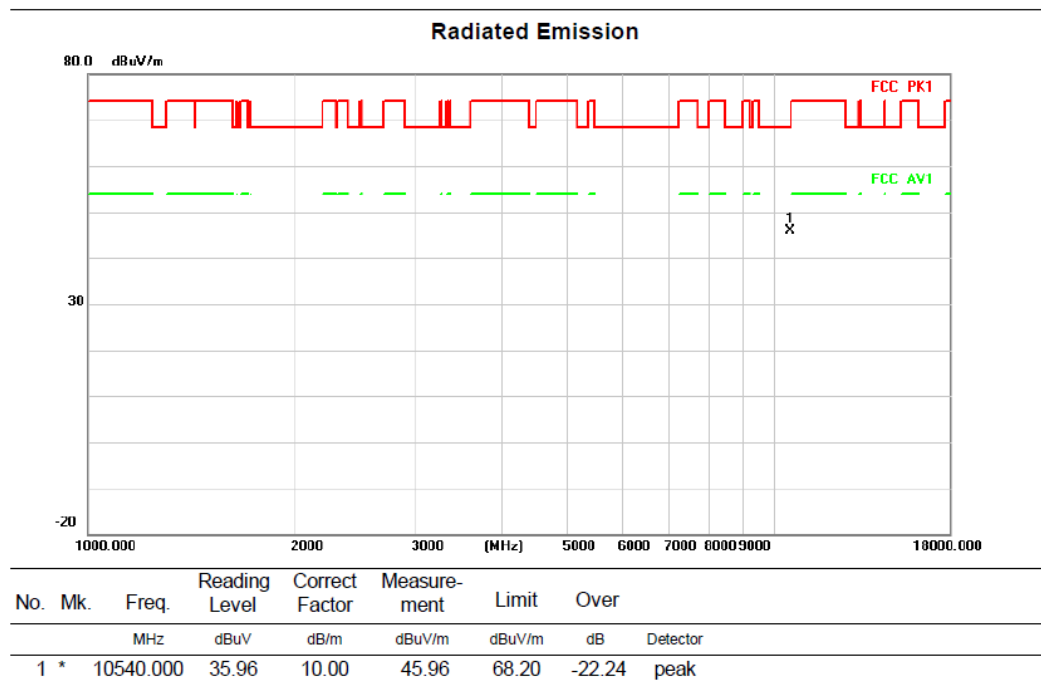
Test mode: 11AC40

Test Channel:54

VERTICAL



HORIZONTAL

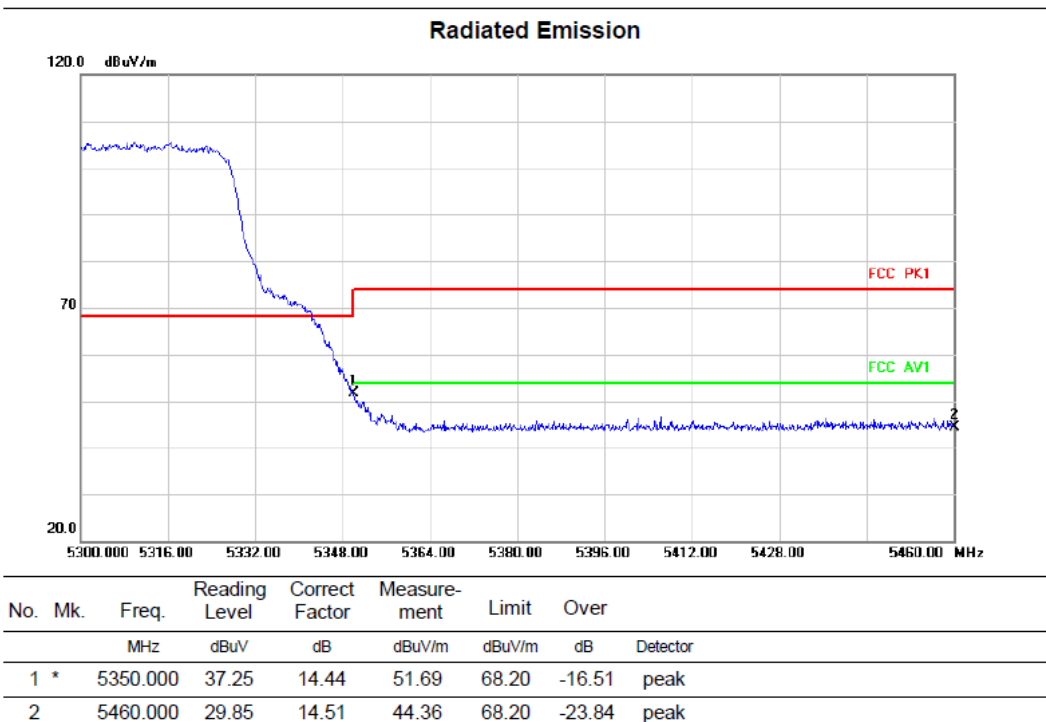
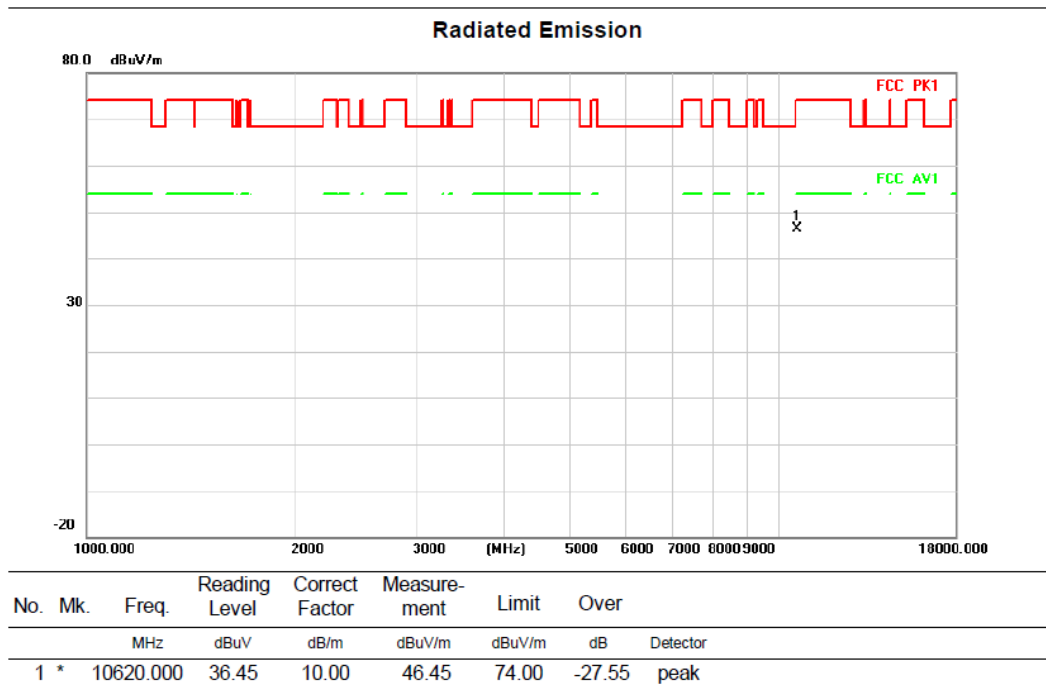


Above 1G (1GHz~18GHz)

Test mode: 11AC40

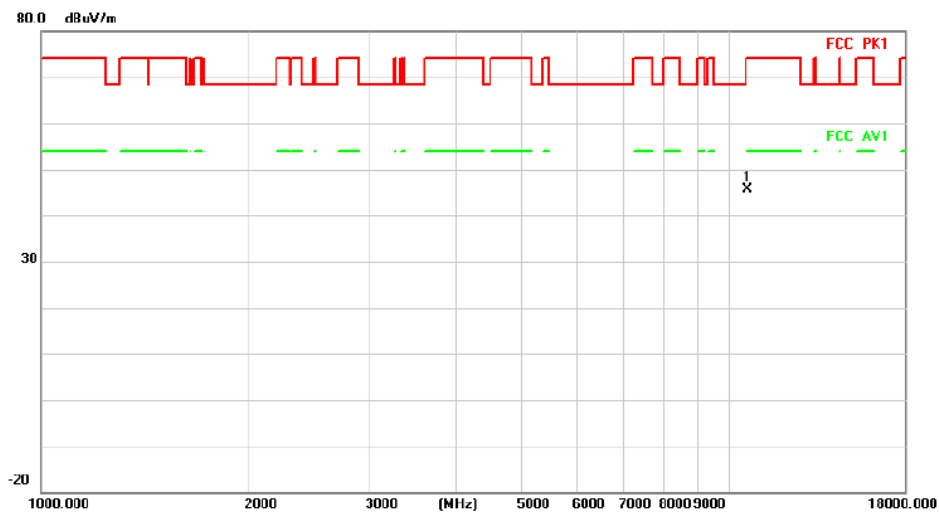
Test Channel:62

VERTICAL



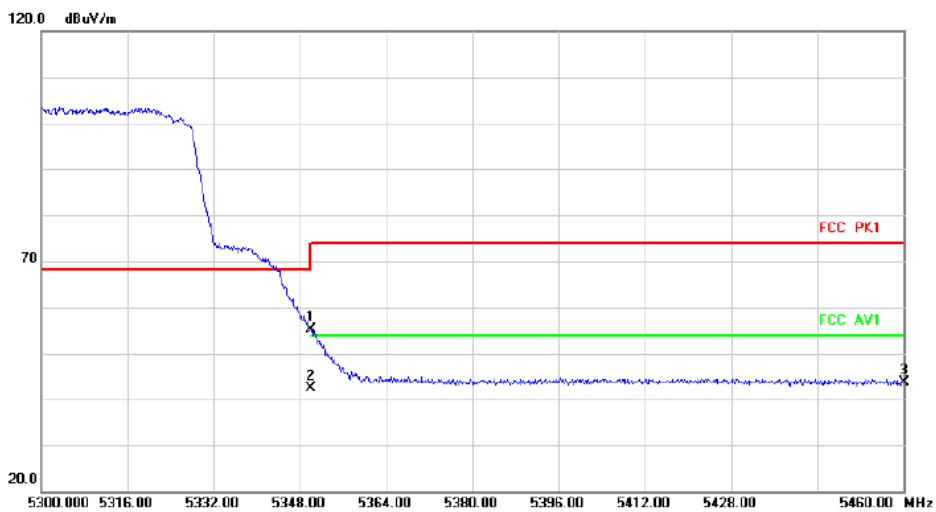
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10620.000	35.75	10.00	45.75	74.00	-28.25 peak

Radiated Emission



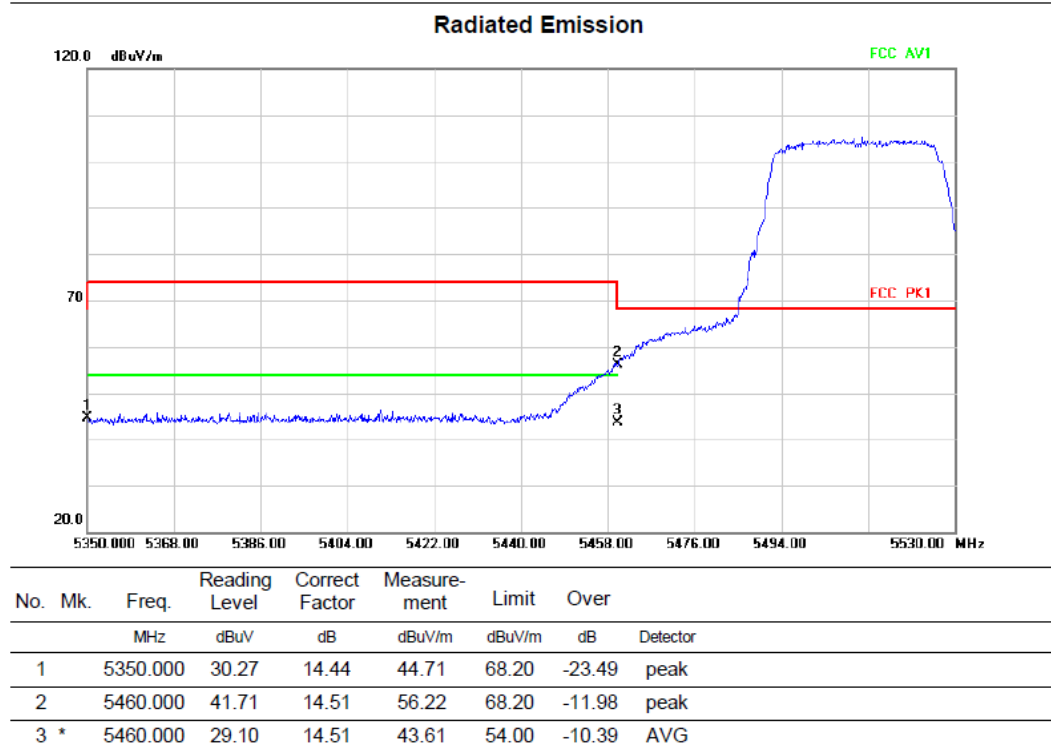
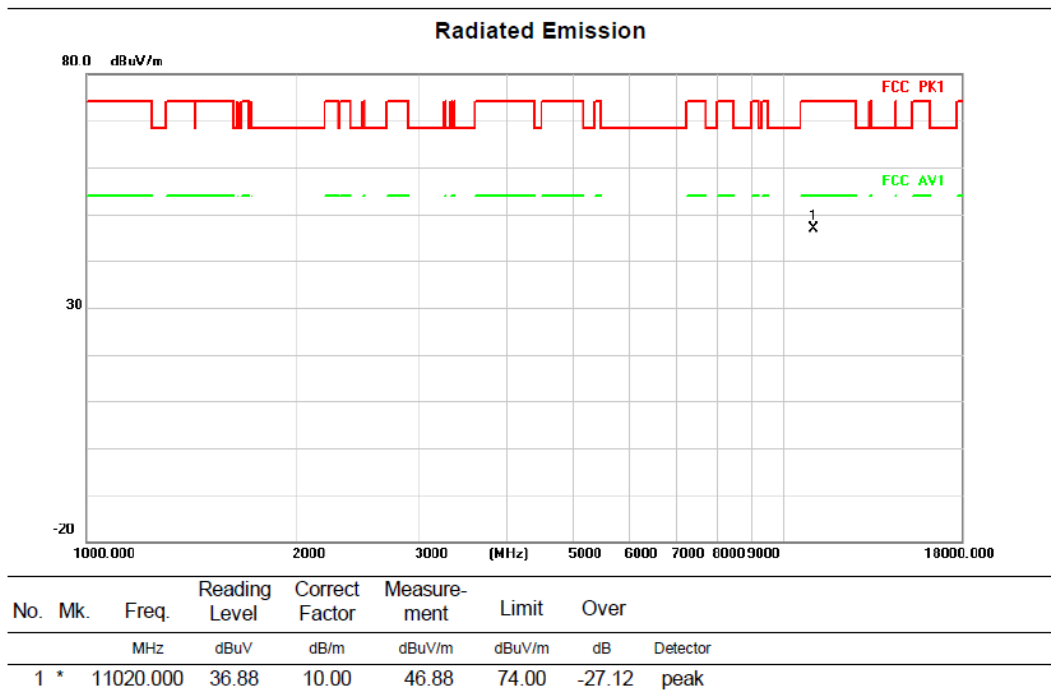
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	40.73	14.44	55.17	68.20	-13.03 peak
2	*	5350.000	28.03	14.44	42.47	54.00	-11.53 AVG
3		5460.000	29.03	14.51	43.54	68.20	-24.66 peak

Above 1G (1GHz~18GHz)

Test mode: 11AC40

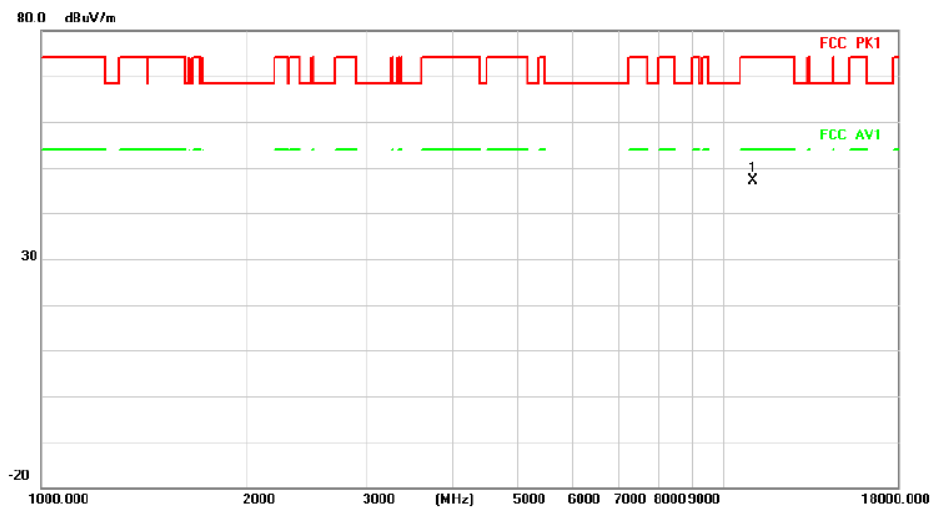
Test Channel:102

VERTICAL



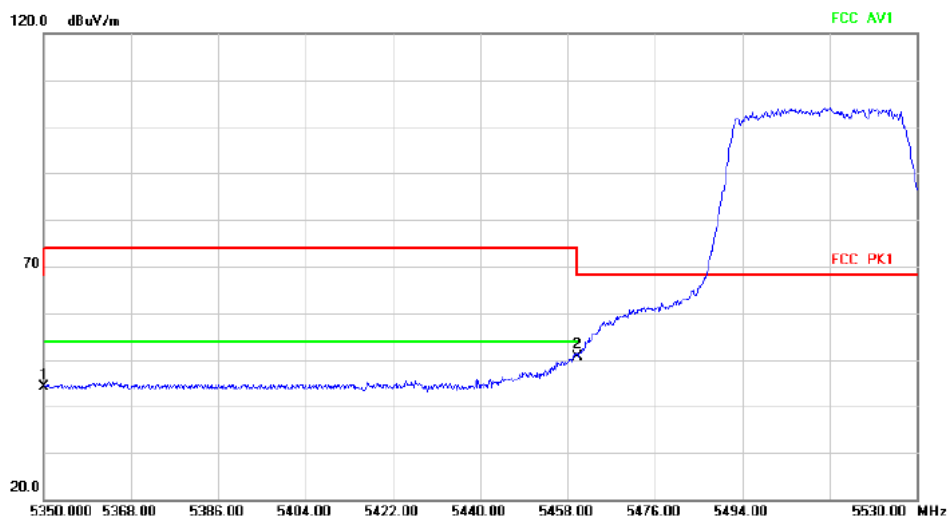
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11020.000	37.21	10.00	47.21	74.00	-26.79 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	29.65	14.44	44.09	68.20	-24.11 peak
2	*	5460.000	36.02	14.51	50.53	68.20	-17.67 peak

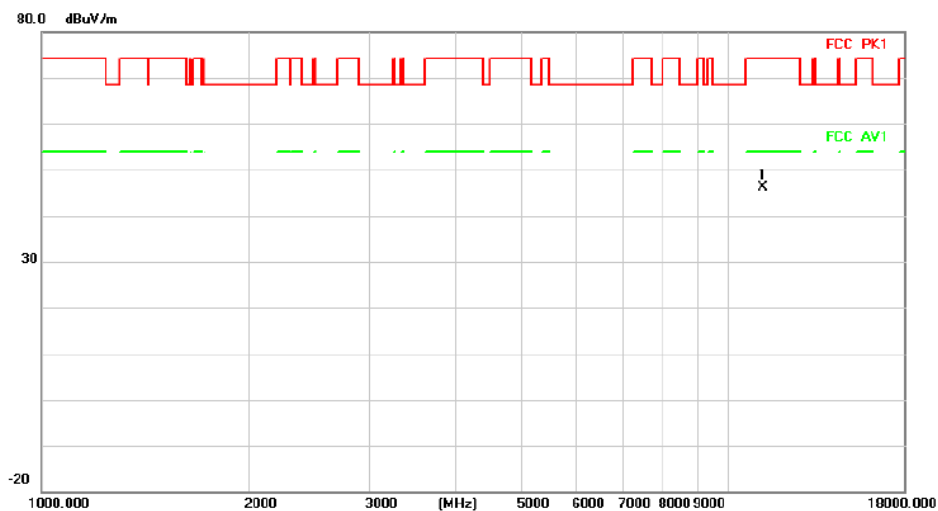
Above 1G (1GHz~18GHz)

Test mode: 11AC40

Test Channel:110

VERTICAL

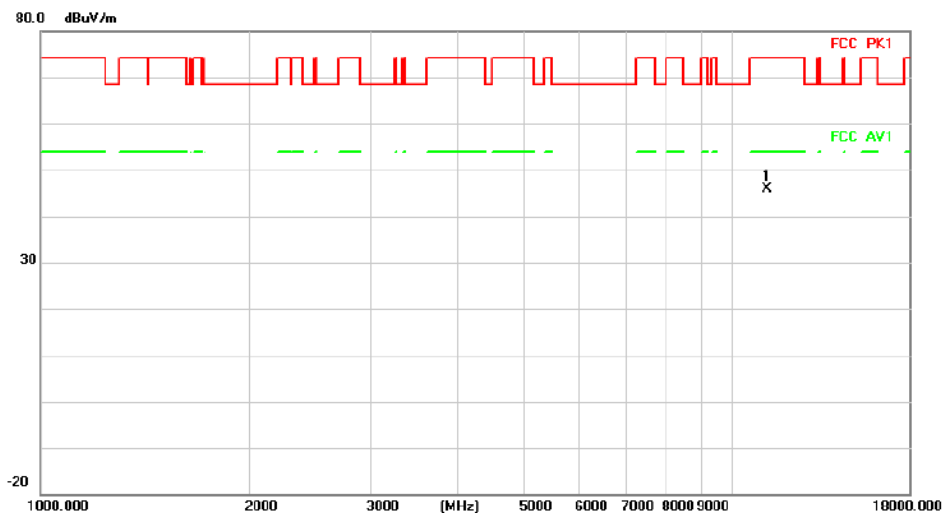
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11000.000	36.23	10.00	46.23	74.00	-27.77 peak

HORIZONTAL

Radiated Emission



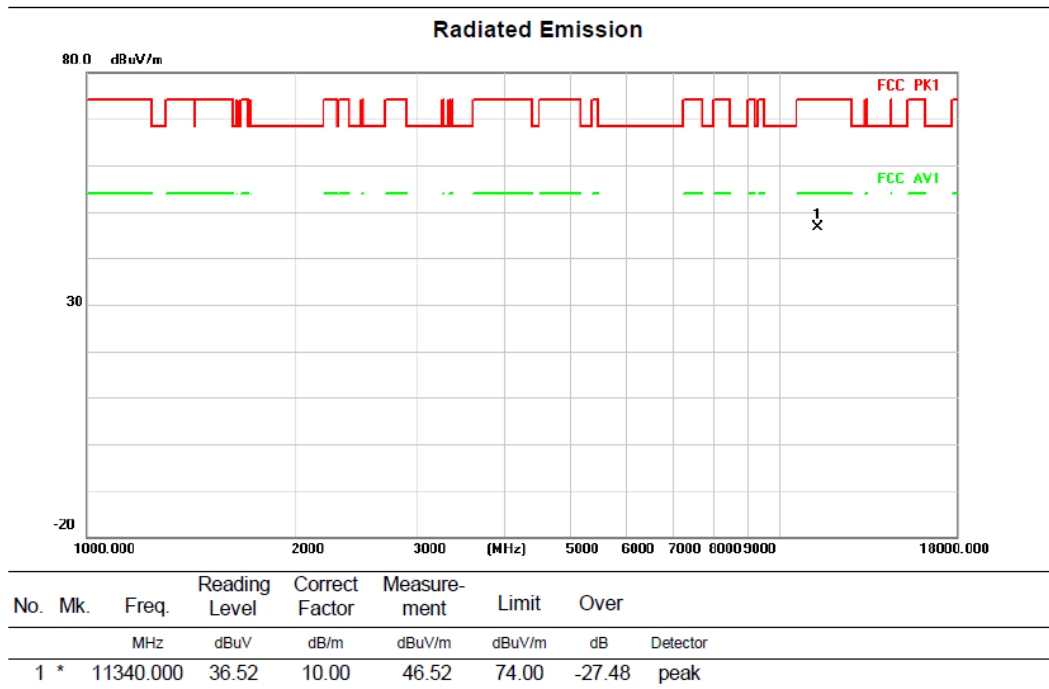
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11000.000	35.80	10.00	45.80	74.00	-28.20 peak

Above 1G (1GHz~18GHz)

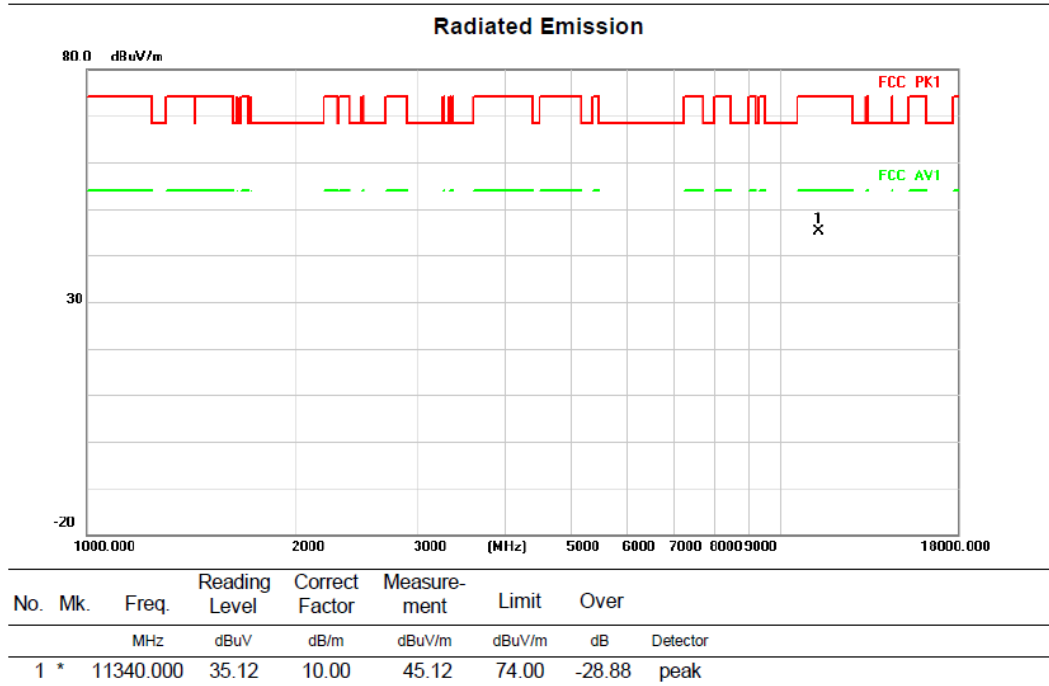
Test mode: 11AC40

Test Channel:134

VERTICAL



HORIZONTAL



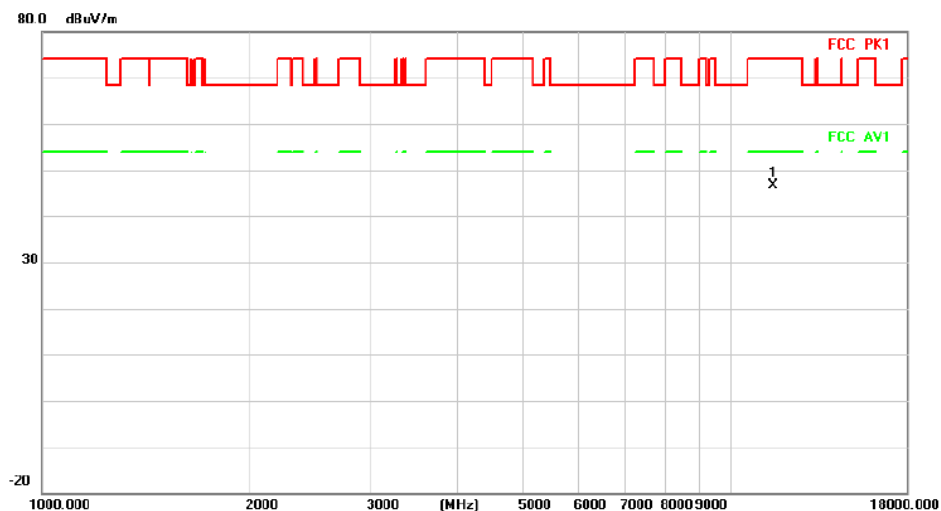
Above 1G (1GHz~18GHz)

Test mode: 11AC40

Test Channel:151

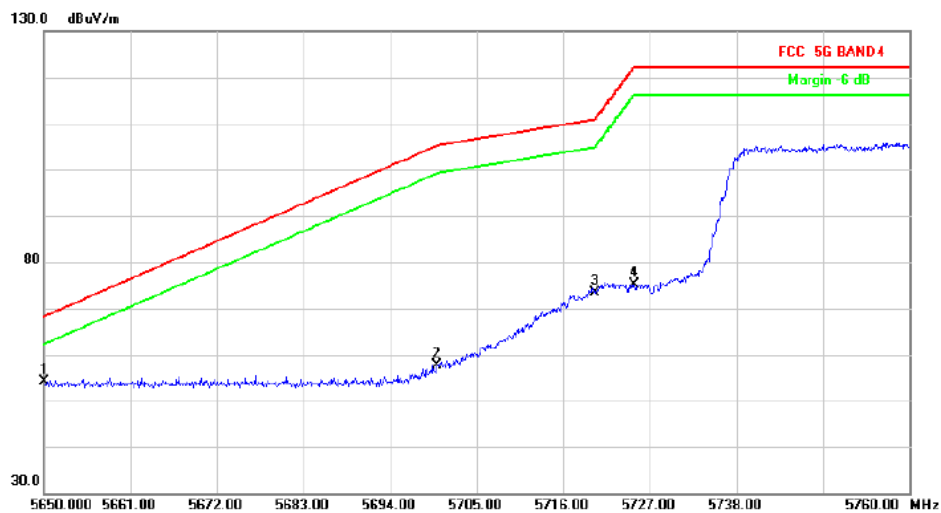
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11510.000	36.66	10.00	46.66	74.00	-27.34 peak

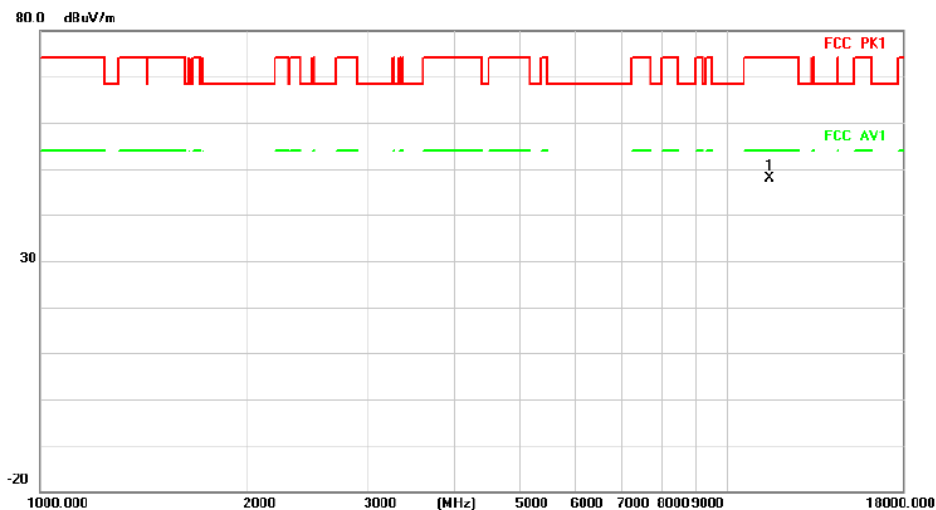
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	39.04	15.12	54.16	68.20	-14.04 peak
2		5700.000	42.12	15.46	57.58	105.20	-47.62 peak
3		5720.000	58.00	15.33	73.33	110.80	-37.47 peak
4		5725.000	59.83	15.30	75.13	122.20	-47.07 peak

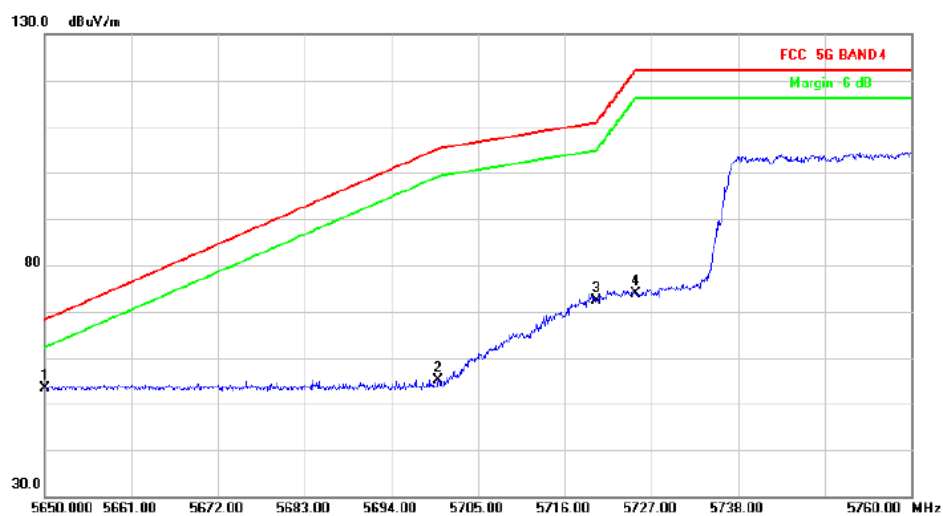
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11510.000	37.81	10.00	47.81	74.00	-26.19 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	38.34	15.12	53.46	68.20	-14.74 peak
2		5700.000	39.73	15.46	55.19	105.20	-50.01 peak
3		5720.000	56.98	15.33	72.31	110.80	-38.49 peak
4		5725.000	58.61	15.30	73.91	122.20	-48.29 peak

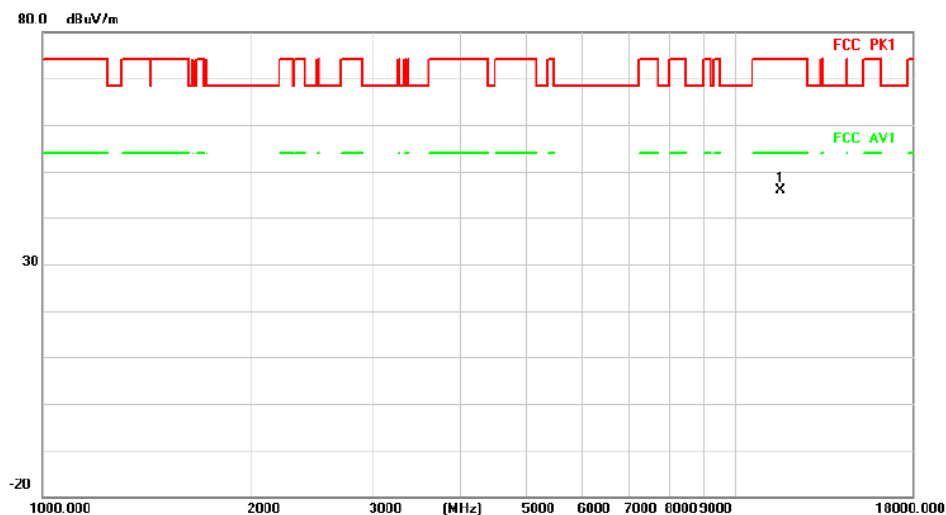
Above 1G (1GHz~18GHz)

Test mode: 11AC40

Test Channel:159

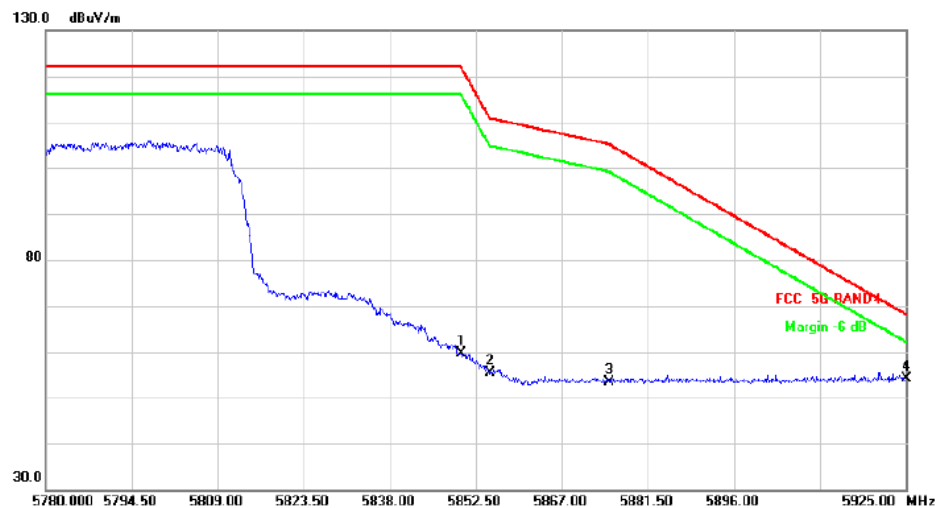
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11590.000	35.82	10.00	45.82	74.00	-28.18	peak

Radiated Emission



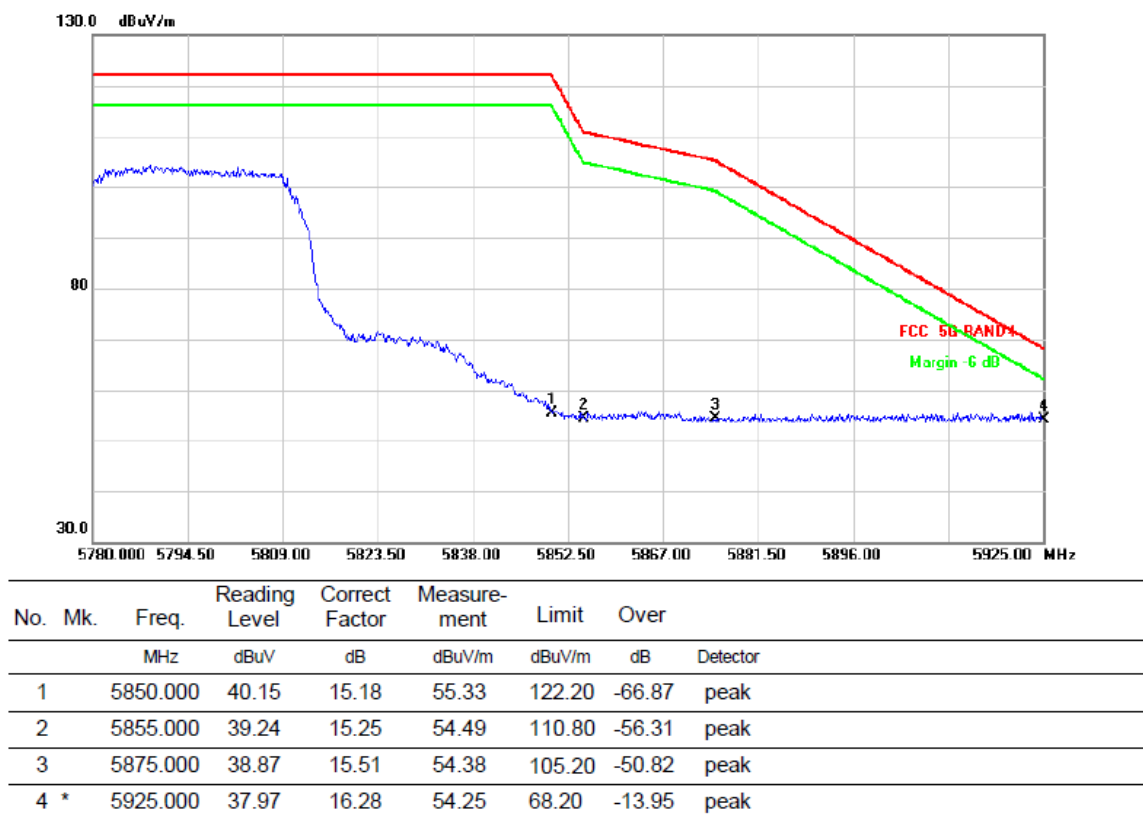
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	44.40	15.18	59.58	122.20	-62.62	peak
2		5855.000	40.20	15.25	55.45	110.80	-55.35	peak
3		5875.000	37.97	15.51	53.48	105.20	-51.72	peak
4	*	5925.000	37.97	16.28	54.25	68.20	-13.95	peak

HORIZONTA

Radiated Emission



Radiated Emission



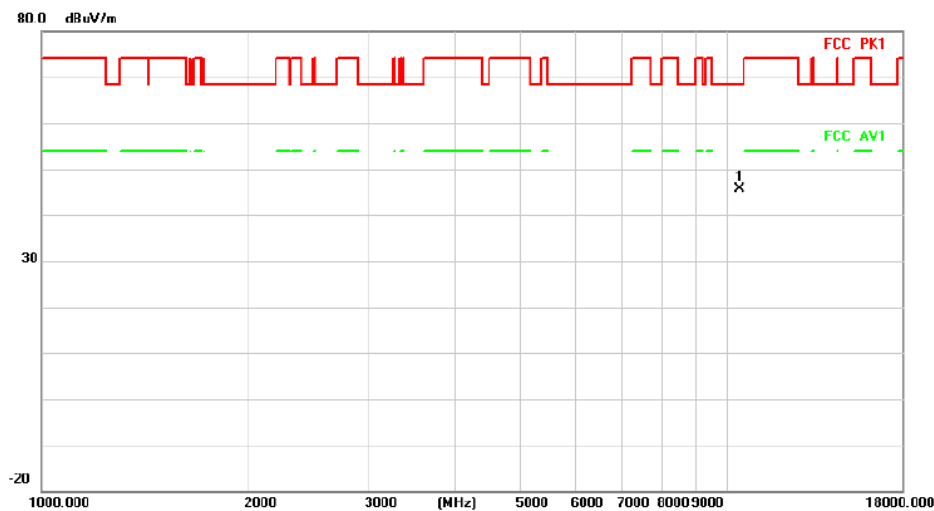
Above 1G (1GHz~18GHz)

Test mode: 11AC80

Test Channel:42

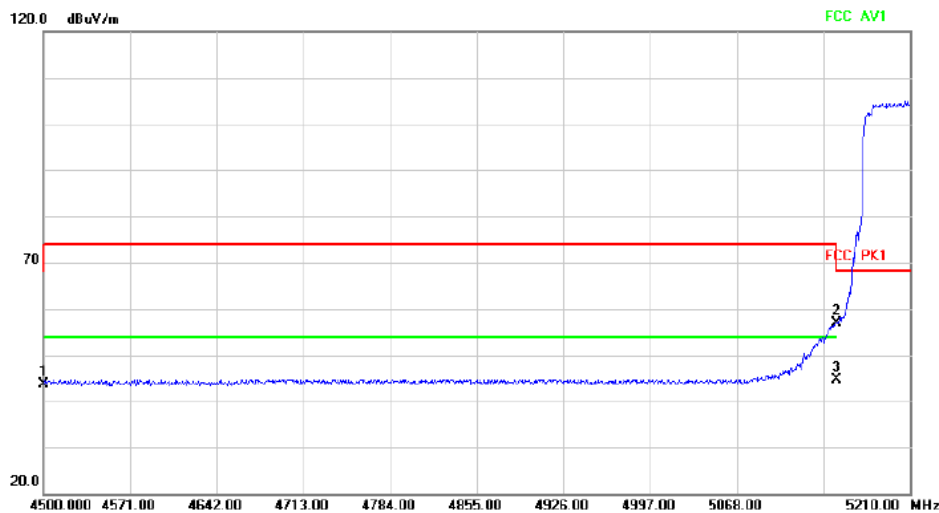
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10420.000	35.60	10.00	45.60	68.20	-22.60	peak

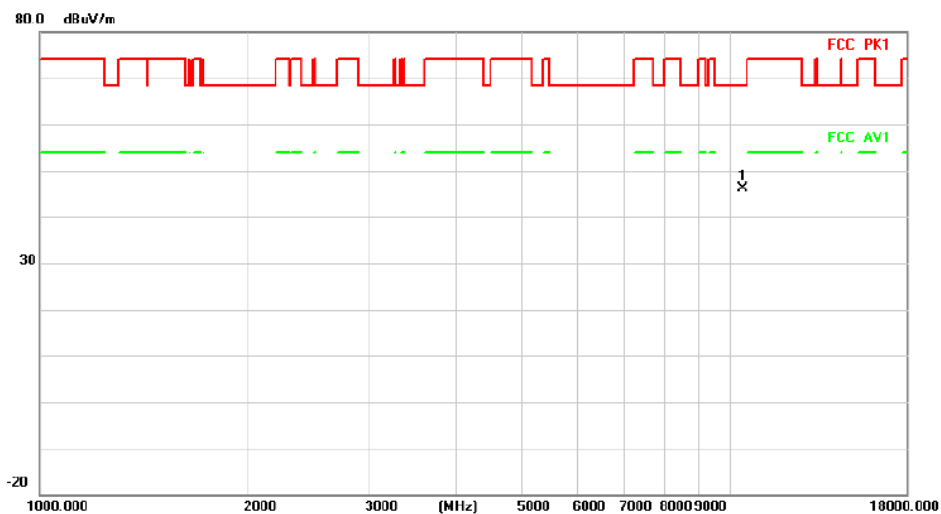
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1		4500.000	29.66	13.85	43.51	68.20	-24.69	peak
2		5150.000	41.32	15.62	56.94	68.20	-11.26	peak
3	*	5150.000	28.90	15.62	44.52	54.00	-9.48	AVG

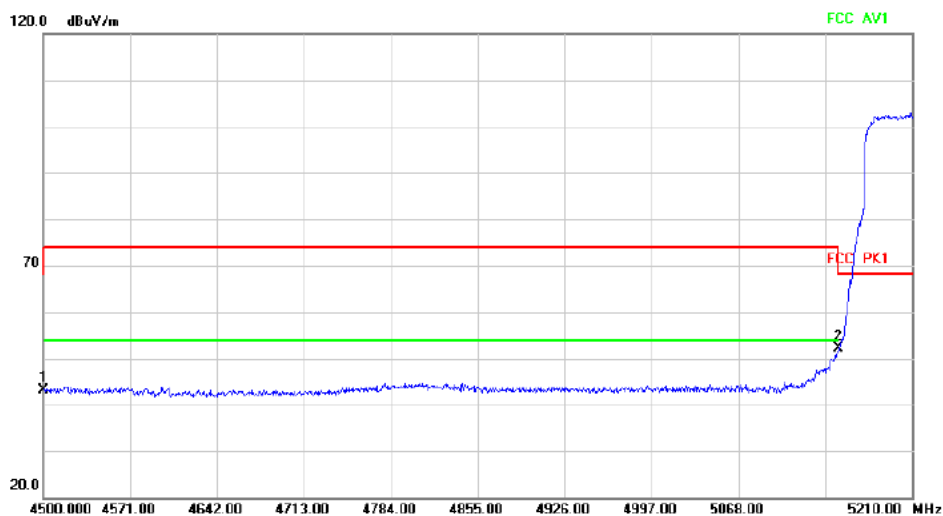
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10420.000	36.19	10.00	46.19	68.20	-22.01 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		4500.000	29.29	13.85	43.14	68.20	-25.06 peak
2	*	5150.000	36.42	15.62	52.04	68.20	-16.16 peak

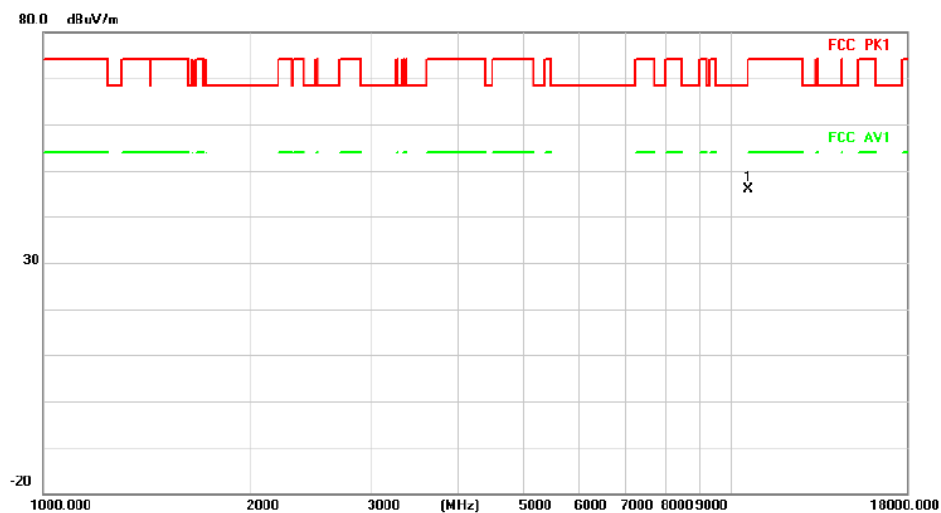
Above 1G (1GHz~18GHz)

Test mode: 11AC80

Test Channel:58

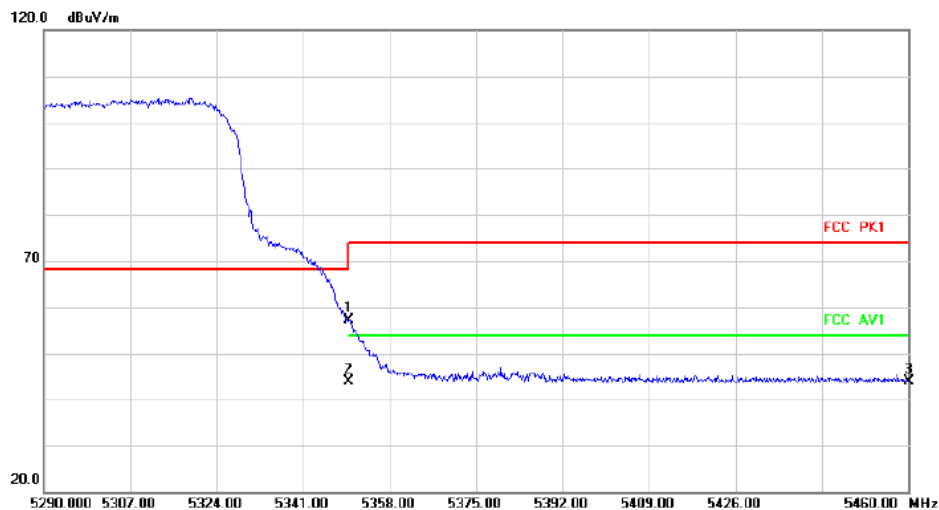
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10580.000	35.88	10.00	45.88	68.20	-22.32 peak

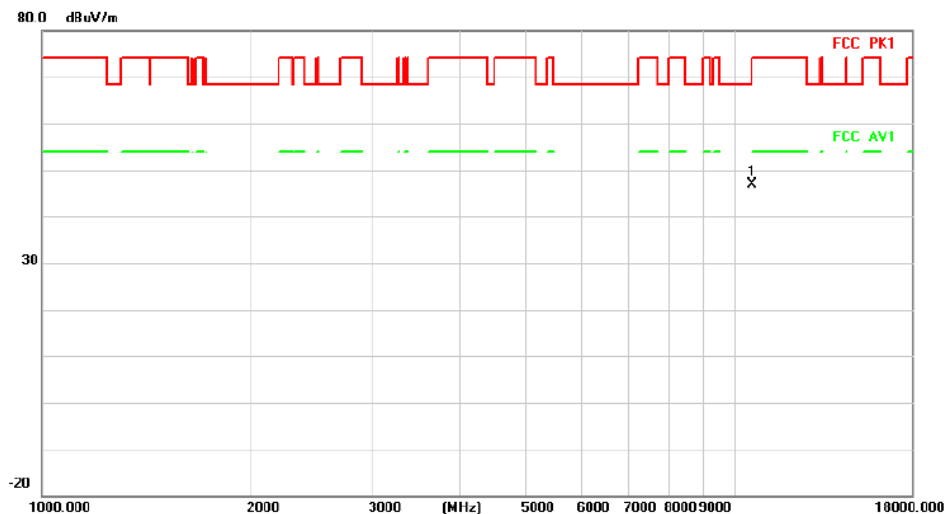
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	42.59	14.44	57.03	68.20	-11.17 peak
2	*	5350.000	29.43	14.44	43.87	54.00	-10.13 AVG
3		5460.000	29.35	14.51	43.86	68.20	-24.34 peak

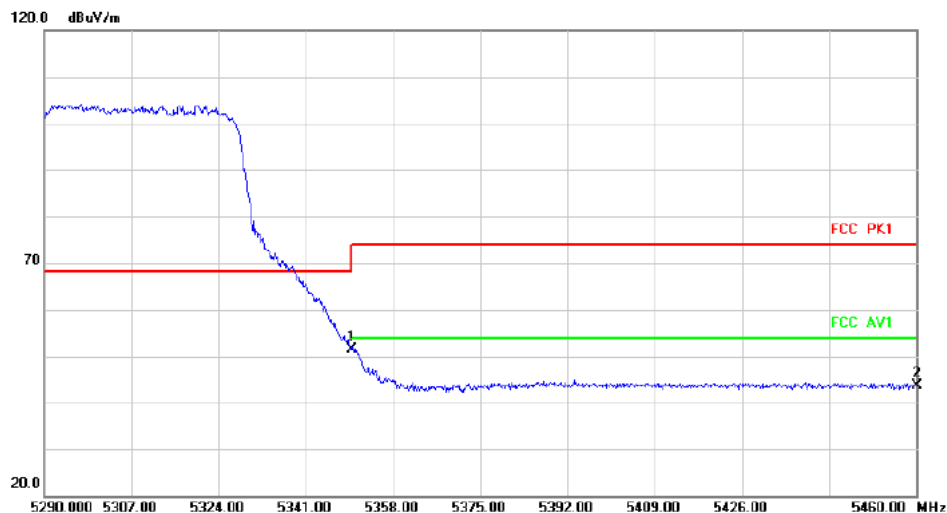
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	10580.000	36.83	10.00	46.83	68.20	-21.37 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5350.000	37.03	14.44	51.47	68.20	-16.73 peak
2		5460.000	29.18	14.51	43.69	68.20	-24.51 peak

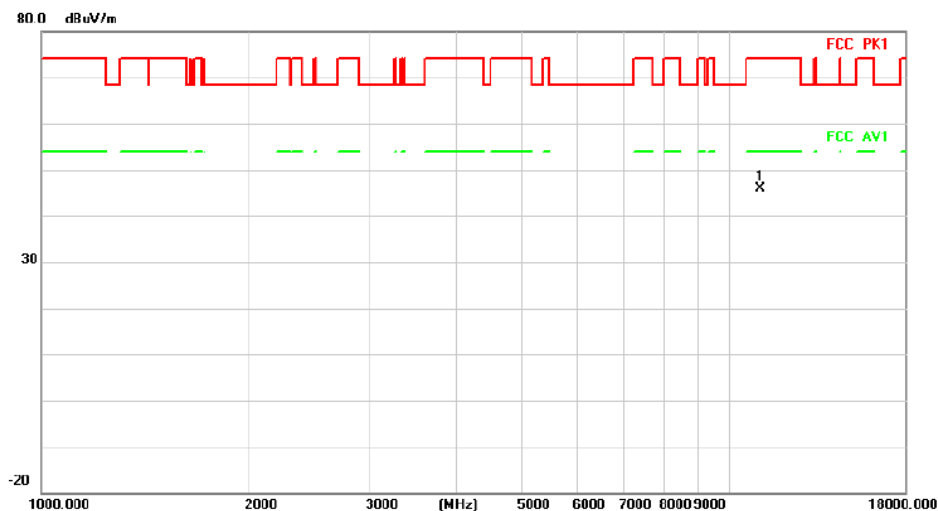
Above 1G (1GHz~18GHz)

Test mode: 11AC80

Test Channel:106

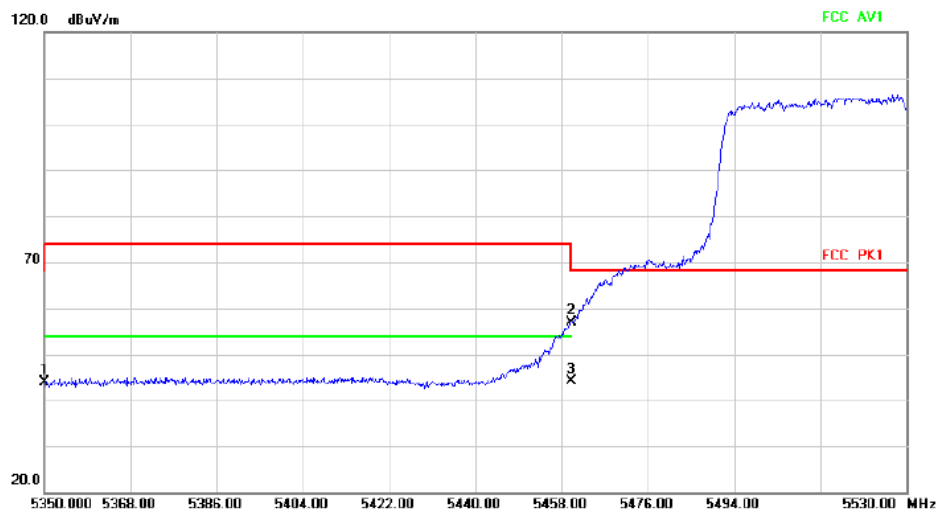
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11060.000	35.86	10.00	45.86	74.00	-28.14 peak

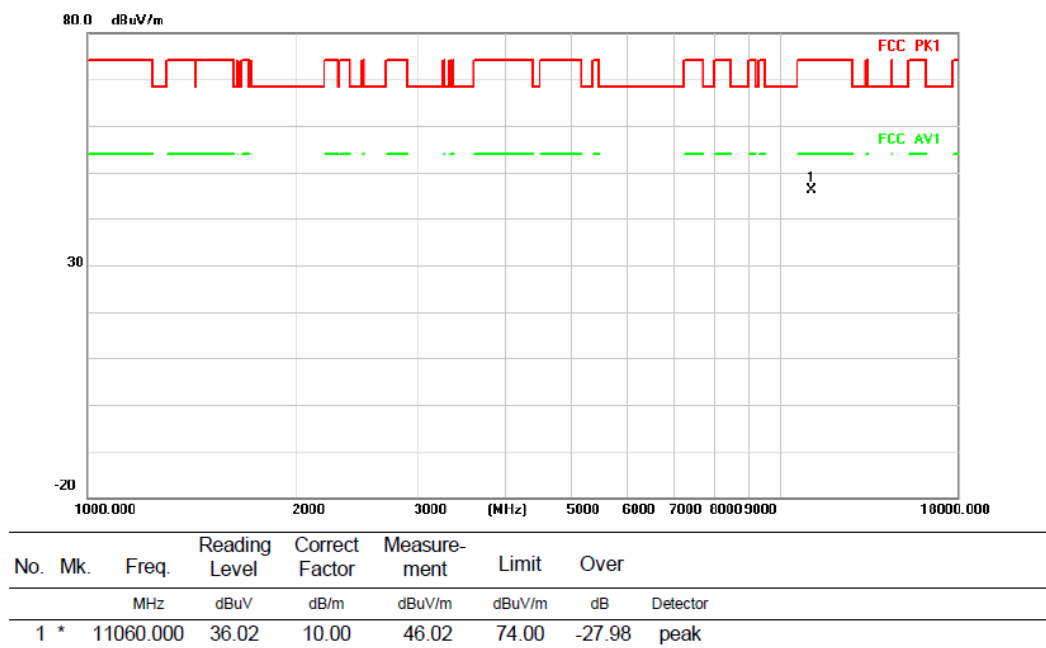
Radiated Emission



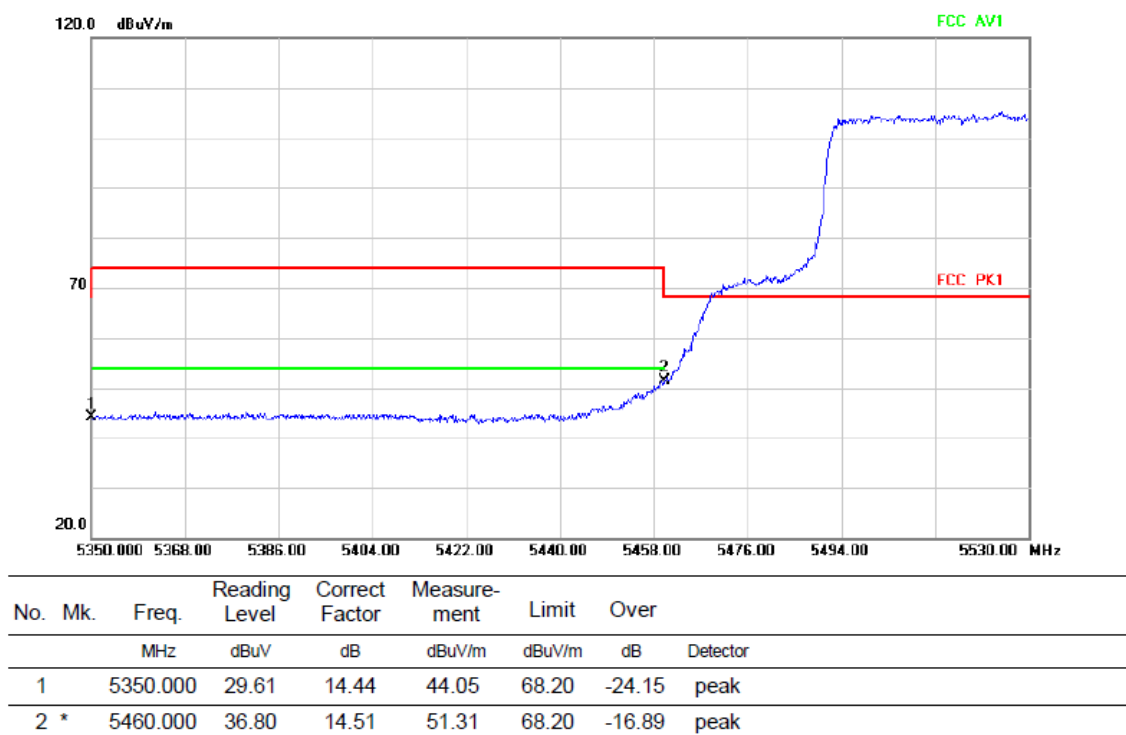
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		5350.000	29.49	14.44	43.93	68.20	-24.27 peak
2		5460.000	42.29	14.51	56.80	68.20	-11.40 peak
3	*	5460.000	29.62	14.51	44.13	54.00	-9.87 AVG

HORIZONTALA

Radiated Emission



Radiated Emission



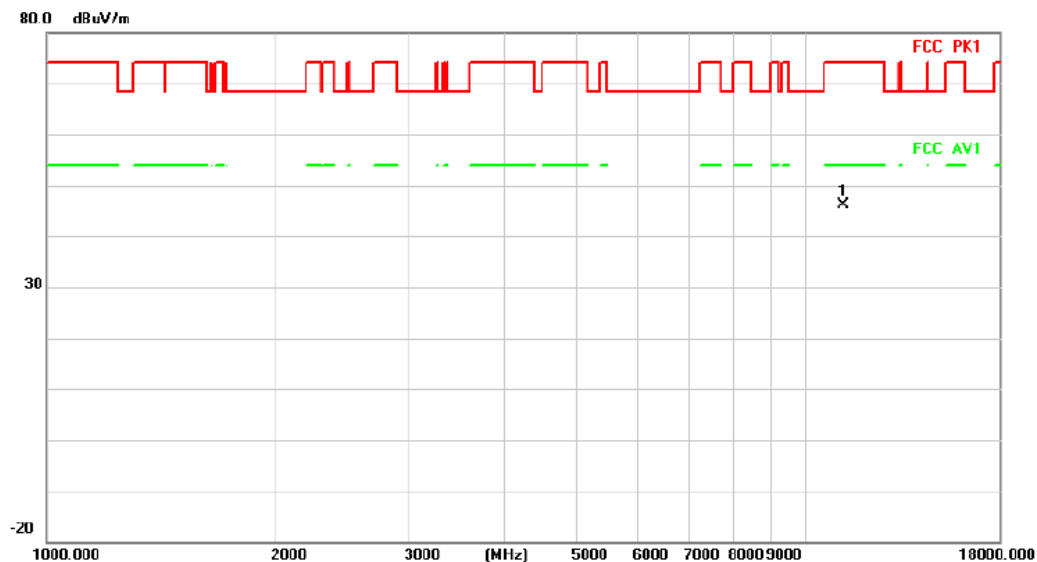
Above 1G (1GHz~18GHz)

Test mode: 11AC80

Test Channel:122

VERTICAL

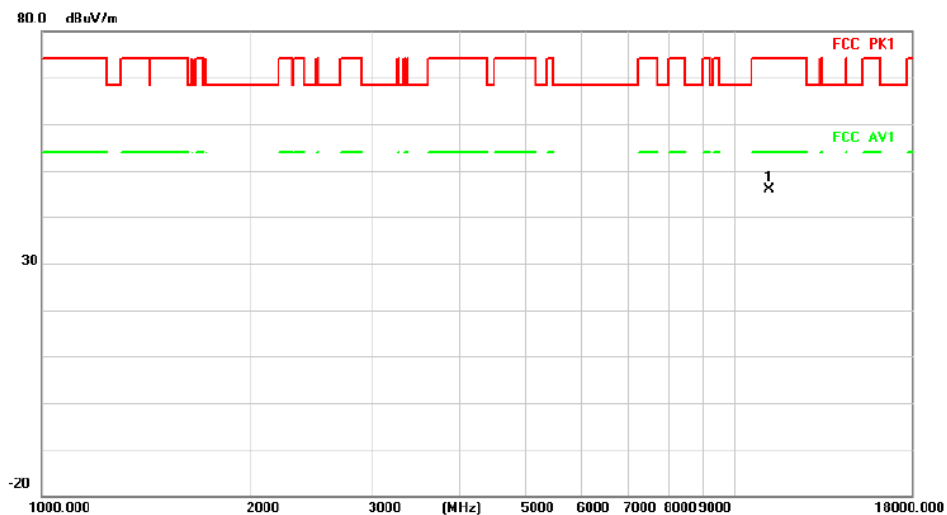
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11220.000	36.13	10.00	46.13	74.00	-27.87 peak

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11220.000	35.87	10.00	45.87	74.00	-28.13 peak

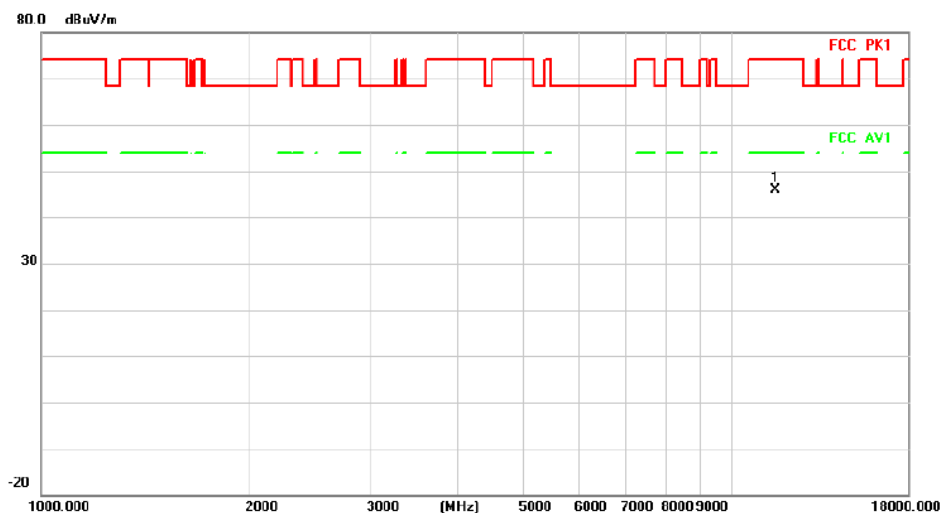
Above 1G (1GHz~18GHz)

Test mode: 11AC80

Test Channel:155

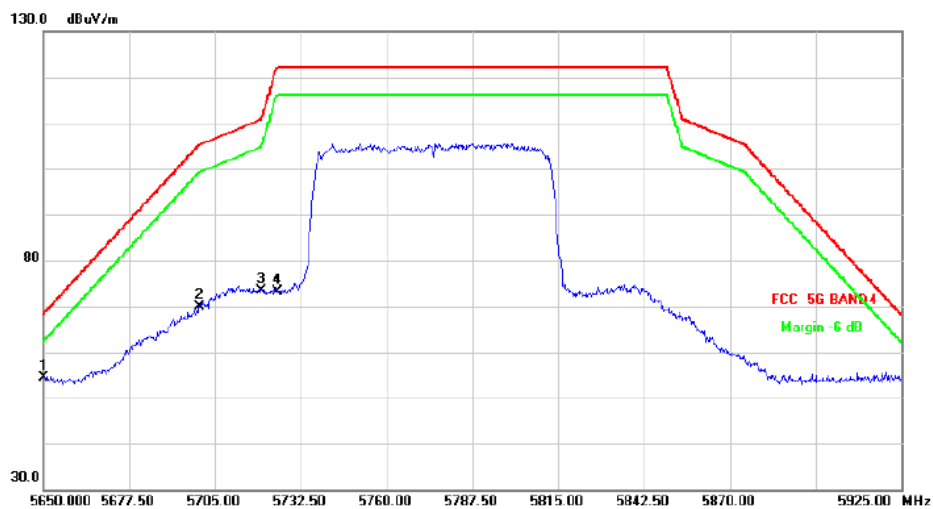
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11550.000	35.90	10.00	45.90	74.00	-28.10 peak

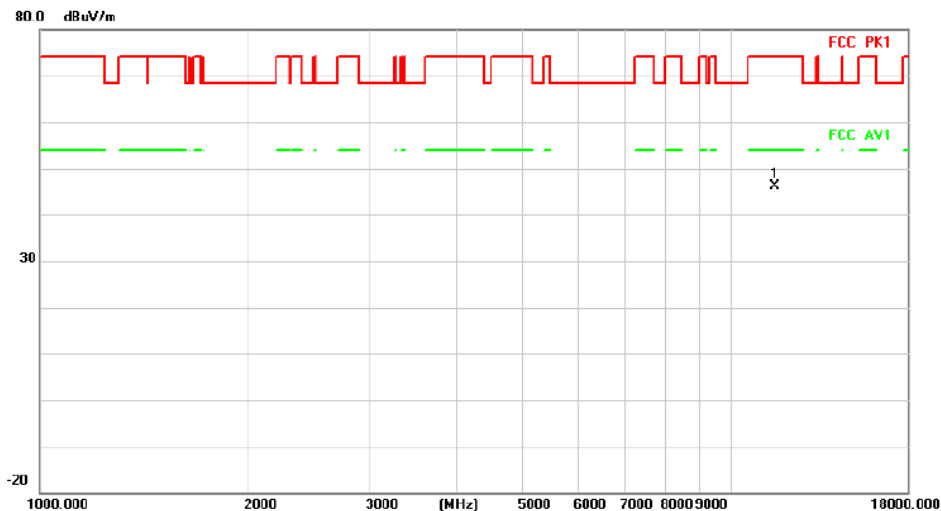
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	39.17	15.12	54.29	68.20	-13.91 peak
2		5700.000	54.30	15.46	69.76	105.20	-35.44 peak
3		5720.000	58.17	15.33	73.50	110.80	-37.30 peak
4		5725.000	57.84	15.30	73.14	122.20	-49.06 peak

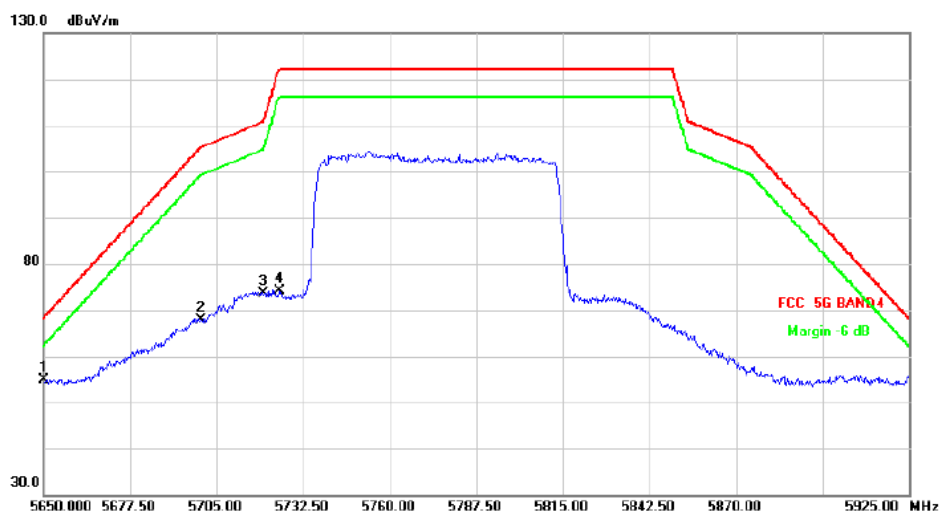
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
1	*	11550.000	36.13	10.00	46.13	74.00	-27.87 peak

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5650.000	39.79	15.12	54.91	68.20	-13.29 peak
2		5700.000	52.38	15.46	67.84	105.20	-37.36 peak
3		5720.000	58.33	15.33	73.66	110.80	-37.14 peak
4		5725.000	58.86	15.30	74.16	122.20	-48.04 peak

Note: 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

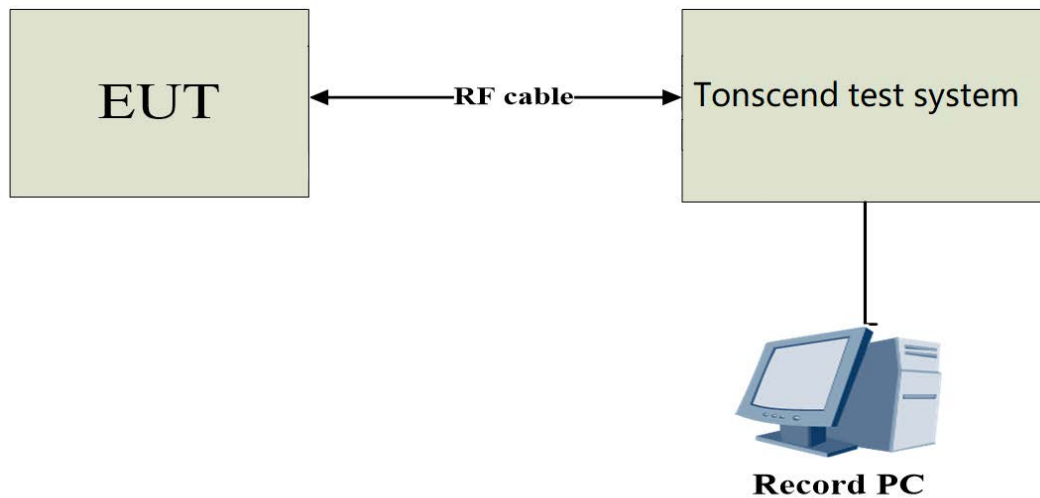
Centre Frequency	The centre frequency of the channel under test
RBW	$\geq 1\% \times \text{Nominal Channel Bandwidth}$
VBW	$\geq 3 \times \text{RBW}$
Frequency span	$2 \times \text{Nominal Channel Bandwidth}$
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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	20.600	5169.760	5190.360	---	---
11A	Ant1	5200	20.840	5189.640	5210.480	---	---
11A	Ant1	5240	20.880	5229.560	5250.440	---	---
11A	Ant1	5260	21.040	5249.600	5270.640	---	---
11A	Ant1	5280	21.120	5269.480	5290.600	---	---
11A	Ant1	5320	20.800	5309.640	5330.440	---	---
11A	Ant1	5500	21.400	5489.640	5511.040	---	---
11A	Ant1	5580	21.040	5569.680	5590.720	---	---
11A	Ant1	5700	20.800	5689.720	5710.520	---	---
11A	Ant1	5745	28.360	5730.440	5758.800	---	---
11A	Ant1	5785	26.600	5771.360	5797.960	---	---
11A	Ant1	5825	27.520	5810.560	5838.080	---	---
11N20SISO	Ant1	5180	21.360	5169.400	5190.760	---	---
11N20SISO	Ant1	5200	20.880	5189.560	5210.440	---	---
11N20SISO	Ant1	5240	21.520	5229.160	5250.680	---	---
11N20SISO	Ant1	5260	21.560	5249.200	5270.760	---	---
11N20SISO	Ant1	5280	21.120	5269.400	5290.520	---	---
11N20SISO	Ant1	5320	21.120	5309.480	5330.600	---	---
11N20SISO	Ant1	5500	24.400	5488.320	5512.720	---	---
11N20SISO	Ant1	5580	26.640	5568.560	5595.200	---	---
11N20SISO	Ant1	5700	21.560	5689.320	5710.880	---	---
11N20SISO	Ant1	5745	26.160	5732.760	5758.920	---	---
11N20SISO	Ant1	5785	25.800	5773.080	5798.880	---	---
11N20SISO	Ant1	5825	23.760	5813.720	5837.480	---	---
11N40SISO	Ant1	5190	39.600	5170.320	5209.920	---	---
11N40SISO	Ant1	5230	39.520	5210.400	5249.920	---	---
11N40SISO	Ant1	5270	39.600	5250.320	5289.920	---	---
11N40SISO	Ant1	5310	39.520	5290.320	5329.840	---	---
11N40SISO	Ant1	5510	39.600	5490.240	5529.840	---	---
11N40SISO	Ant1	5550	43.200	5530.240	5573.440	---	---
11N40SISO	Ant1	5670	39.440	5650.320	5689.760	---	---
11N40SISO	Ant1	5755	57.520	5731.400	5788.920	---	---
11N40SISO	Ant1	5795	50.400	5774.840	5825.240	---	---
11AC20SISO	Ant1	5180	21.120	5169.320	5190.440	---	---
11AC20SISO	Ant1	5200	21.240	5189.240	5210.480	---	---
11AC20SISO	Ant1	5240	21.160	5229.320	5250.480	---	---
11AC20SISO	Ant1	5260	20.920	5249.440	5270.360	---	---
11AC20SISO	Ant1	5280	20.960	5269.400	5290.360	---	---
11AC20SISO	Ant1	5320	21.240	5309.120	5330.360	---	---

11AC20SISO	Ant1	5500	25.240	5489.160	5514.400	---	---
11AC20SISO	Ant1	5580	20.880	5569.440	5590.320	---	---
11AC20SISO	Ant1	5700	21.040	5689.400	5710.440	---	---
11AC20SISO	Ant1	5745	22.760	5734.200	5756.960	---	---
11AC20SISO	Ant1	5785	22.760	5774.200	5796.960	---	---
11AC20SISO	Ant1	5825	21.360	5814.160	5835.520	---	---
11AC40SISO	Ant1	5190	39.440	5170.320	5209.760	---	---
11AC40SISO	Ant1	5230	39.600	5210.320	5249.920	---	---
11AC40SISO	Ant1	5270	39.520	5250.320	5289.840	---	---
11AC40SISO	Ant1	5310	39.520	5290.240	5329.760	---	---
11AC40SISO	Ant1	5510	39.680	5490.320	5530.000	---	---
11AC40SISO	Ant1	5550	42.160	5530.320	5572.480	---	---
11AC40SISO	Ant1	5670	39.440	5650.320	5689.760	---	---
11AC40SISO	Ant1	5755	54.080	5734.840	5788.920	---	---
11AC40SISO	Ant1	5795	54.000	5774.840	5828.840	---	---
11AC80SISO	Ant1	5210	83.680	5170.000	5253.680	---	---
11AC80SISO	Ant1	5290	83.520	5250.160	5333.680	---	---
11AC80SISO	Ant1	5530	97.920	5490.000	5587.920	---	---
11AC80SISO	Ant1	5610	94.080	5570.160	5664.240	---	---
11AC80SISO	Ant1	5775	104.640	5717.240	5821.880	---	---



11A-Ant1-5180



11A-Ant1-5200



11A-Ant1-5240



11A-Ant1-5260