RF TEST REPORT

FCC ID: 2A7OH-EA-XRN-7B004

Test Report No……..:	RF250530006-01-002
Product(s) Name……...:	Industrial touch all-in-one PC
Model(s)……..:	EA-XRN-7B004, EA-XRN-7B006
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……..:	2025.06.04
Test Date……....:	2025.06.06
Issued Date……..:	2025.06.11
Standards……..:	47 CFR FCC Part 15, Subpart E(Section 15.407); ANSI C63.10:2013
Testing Laboratory……:	Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
Albert Fan	Black Ding	Tim Zhang	
Albert Fan	Black Ding	Tim.zhang	

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History of this test report

Amendment Report Issue Date: 2025.06.11

○ No additional attachment

●Additional attachments were issued following record

Attachment No.	Issue Date	Description
RF240314002-03-002	2024.04.15	Original report
RF250530006-01-002	2025.06.11	Add the mode name, change the power supply, PCB position, modify the sample appearance and the antenna type. Therefore, the AC power line conducted emission, radiated emission and band edge were tested with reference to the original report, while the rest remained unchanged.

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

Sample No.	POC250530006-S001	
Equipment Name	Industrial touch all-in-one PC	
Model Name	EA-XRN-7B004, EA-XRN-7B006	
Test Model	EA-XRN-7B006	
Model difference	The power supply, model name, PCB position, exterior interfaces and the antenna type are different.	
Trade Mark	N/A	
Power Supply	DC 12V From Adapter	
Adapter Information	For EA-XRN-7B004 Model: HKA09012070-7U Input: 100-240V~, 50/60Hz 1.5A Output: 12V⎓7.0A, 84.0W For EA-XRN-7B006 Model: HKA09012070-7U Input: 100-240V~, 50/60Hz 2.0A Output: 12V⎓12.5A, 150.0W	
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	3.60dBi	
Antenna type	FPC 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
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	Compliance
Radiated Emission	15.205(a) 15.209(a) 15.407(b)	PASS	Compliance
Antenna Requirements	15.203	Compliance	Note1
Spectrum Bandwidth	15.407(a) 15.407(e)	PASS	Note2
Conducted Output Power	15.407(a)	PASS	Note2
Power Spectral Density	15.407(a)	PASS	Note2
Note: Note: 1. The EUT has a FPC antenna arrangement which was permanently attached. 2. For test data, please refer to the report RF240314002-03-002. 3. Add the mode name, change the power supply, PCB position, modify the sample appearance and the antenna type. Therefore, the AC power line conducted emission, radiated emission and band edge were tested with reference to the original report, while the rest remained unchanged.			

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 Emission							
No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2025/3/1	2026/2/28
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2026/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2025/3/1	2026/2/28
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2025/3/1	2026/2/28
5	Horn Antenna	SCHWARZBECK	BBHA 9120 D	02670	JLE028	2025/4/12	2026/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2025/4/15	2026/4/14
7	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	JLE029	2024/7/15	2025/7/14
8	Loop Antenna	SCHWARZBECK	FMZB1519B	00029	JLE030	2024/7/15	2025/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2025/3/1	2026/2/28
10	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
Conducted Emission							
1	LISN	Rohde&Schwarz	ENV216	100075	JLE002	2025/3/1	2026/2/28
2	ISN	Schwarzbeck	CATE 5 8158	#171	JLE003	2025/2/21	2026/2/20
3	ISN	Schwarzbeck	CAT 3 8158	00187	JLE032	2025/2/21	2026/2/20
4	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2025/3/1	2026/2/28
5	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2025/3/1	2026/2/28
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(SRD, BT WIFI test syetem)							
No.	Equipment	Manufacturer	Type No.	Serial No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	MXA Signal Analyzer	Keysight	N9021B	MY60080169	JLE050	2025/3/1	2026/2/28
2	RF Control Unit	dsusoft	JS0806-2	21G8060449	JLE053	2025/3/1	2026/2/28
3	power supply unit	dsusoft	JS0806-4ADC	N/A	JLE055	2025/3/1	2026/2/28
4	VXG Signal Generator	Keysight	M9384B	MY61270787	JLE051	2025/4/20	2026/4/19
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K50-116064-Dt	JLE054	2025/3/1	2026/2/28
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

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

Note: For test data, please refer to test report no: RF240314002-03-002.

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

Radiated emission (18GHz~40GHz)	±5.26dB

2.8 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(μV)	Average Level dB(μV)
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

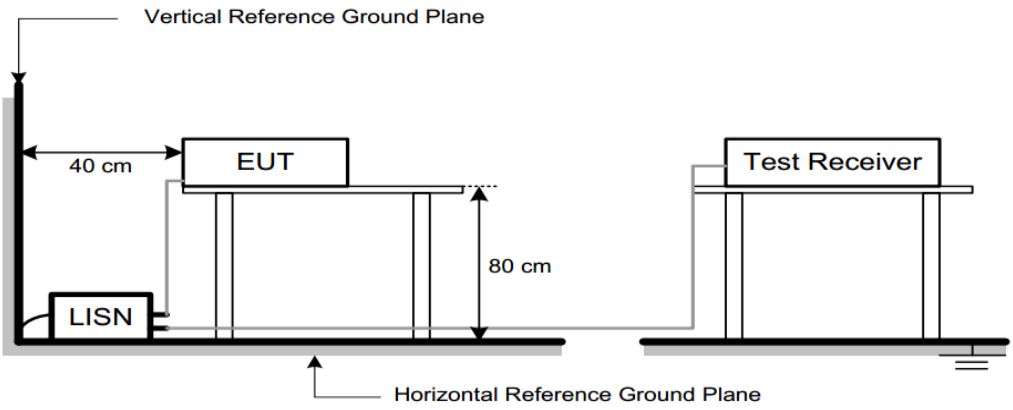
Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
○ Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

a) 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.

b) Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c) The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

3.1.3 Test Setup



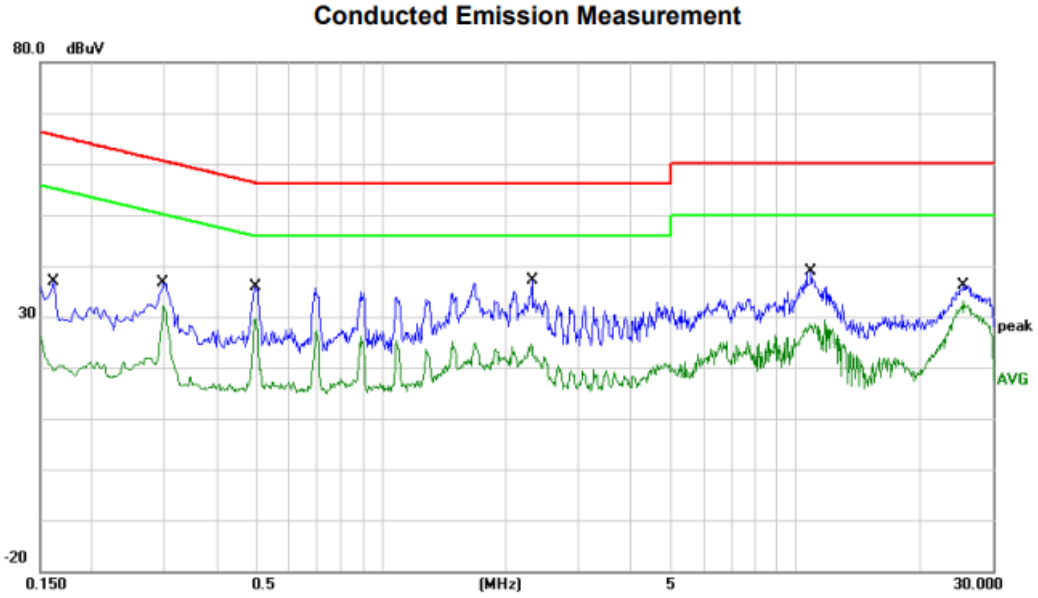
3.1.4 Test Result

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

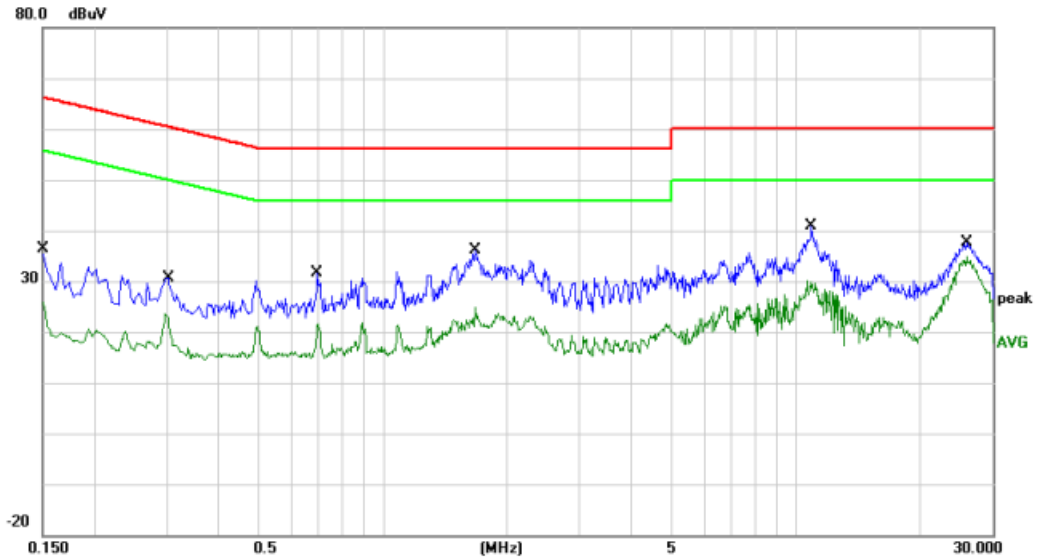


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1620	5.43	19.50	24.93	65.36	-40.43	QP	
2		0.1620	-0.18	19.50	19.32	55.36	-36.04	AVG	
3		0.2980	14.48	19.51	33.99	60.30	-26.31	QP	
4		0.2980	12.43	19.51	31.94	50.30	-18.36	AVG	
5		0.4980	12.64	19.51	32.15	56.03	-23.88	QP	
6	*	0.4980	9.66	19.51	29.17	46.03	-16.86	AVG	
7		2.3100	9.63	19.70	29.33	56.00	-26.67	QP	
8		2.3100	4.36	19.70	24.06	46.00	-21.94	AVG	
9		10.9060	15.20	20.27	35.47	60.00	-24.53	QP	
10		10.9060	7.87	20.27	28.14	50.00	-21.86	AVG	
11		25.5780	3.72	21.09	24.81	60.00	-35.19	QP	
12		25.5780	-1.25	21.09	19.84	50.00	-30.16	AVG	

150kHz~30MHz	TX AC20 Channel 165

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	13.43	19.51	32.94	66.00	-33.06	QP	
2		0.1500	7.56	19.51	27.07	56.00	-28.93	AVG	
3		0.3020	6.26	19.54	25.80	60.19	-34.39	QP	
4		0.3020	2.55	19.54	22.09	50.19	-28.10	AVG	
5		0.6940	5.86	19.45	25.31	56.00	-30.69	QP	
6		0.6940	1.82	19.45	21.27	46.00	-24.73	AVG	
7		1.6780	11.06	19.62	30.68	56.00	-25.32	QP	
8		1.6780	4.04	19.62	23.66	46.00	-22.34	AVG	
9		10.9060	15.03	20.23	35.26	60.00	-24.74	QP	
10	*	10.9060	8.78	20.23	29.01	50.00	-20.99	AVG	
11		25.9860	8.10	21.08	29.18	60.00	-30.82	QP	
12		25.9860	2.82	21.08	23.90	50.00	-26.10	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	
		μV/m	dB(μV)/m
0.009 – 0.49	300	2400/F(kHz)	-
0.490 – 1.705	30	24000/F(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 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) Emission level dBμV = 20 log Emission level μV/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(dBμV/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[dBμV/m]=EIRP[dBm] +95.2, for d=3m

(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.

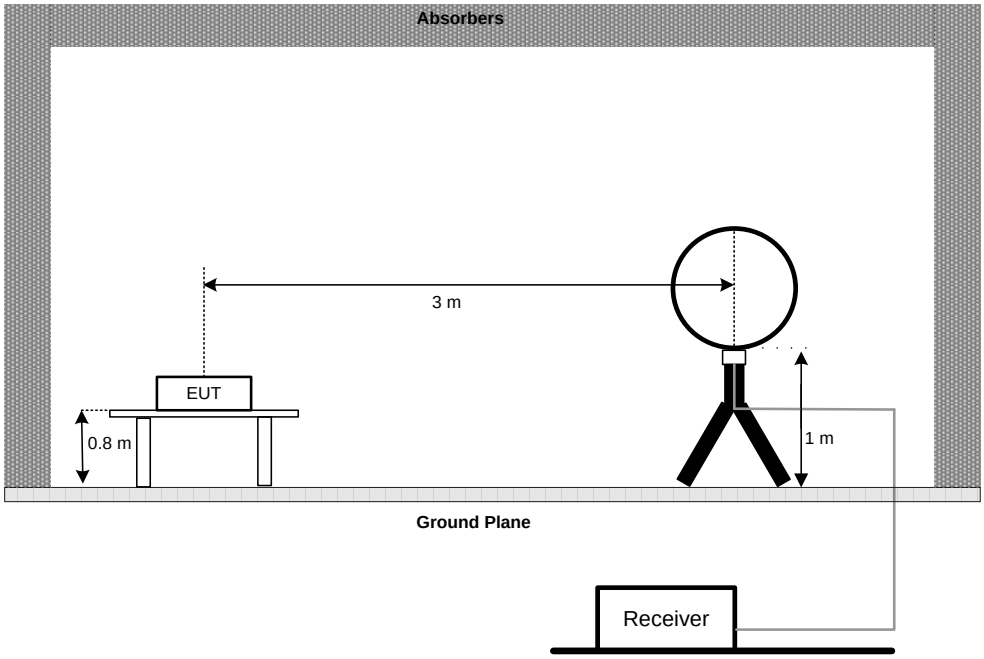
g) All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)

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)

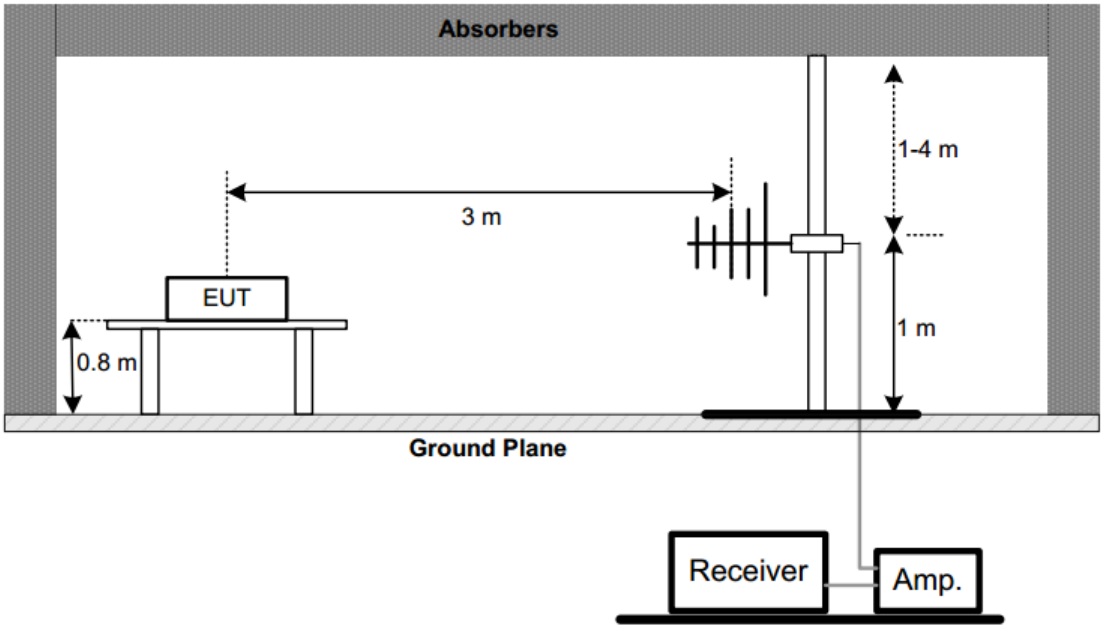
i) For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.2.3 Test Setup

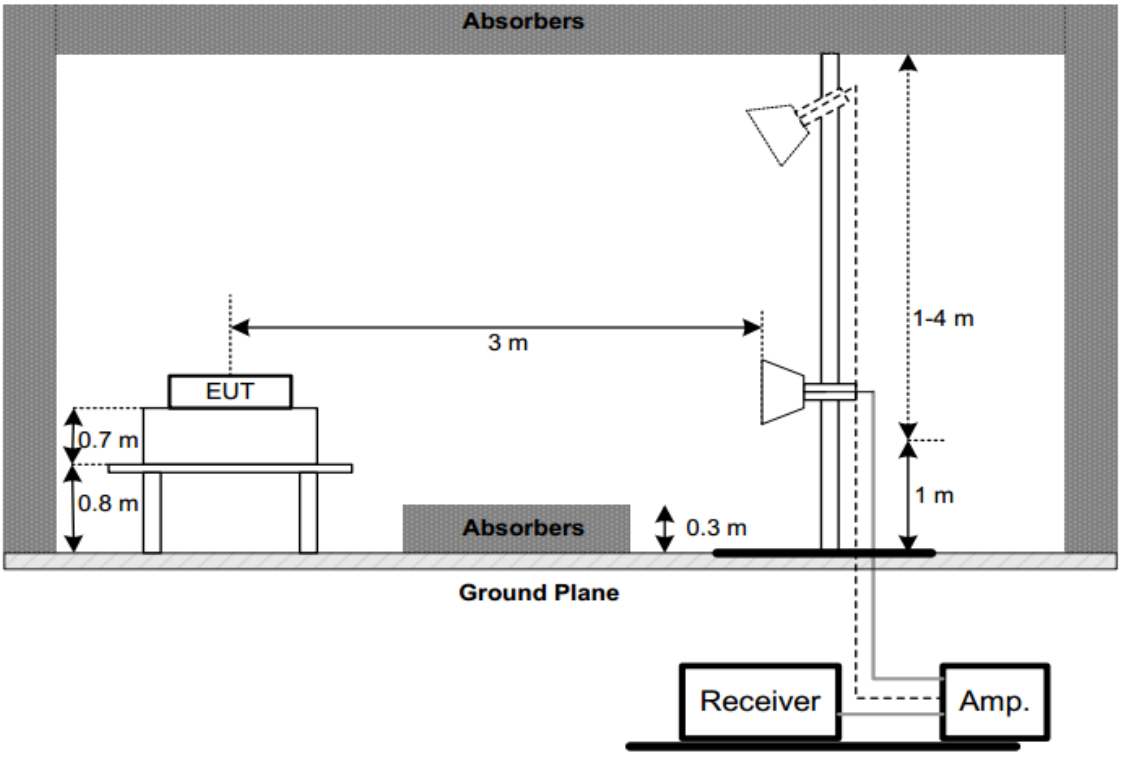
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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.

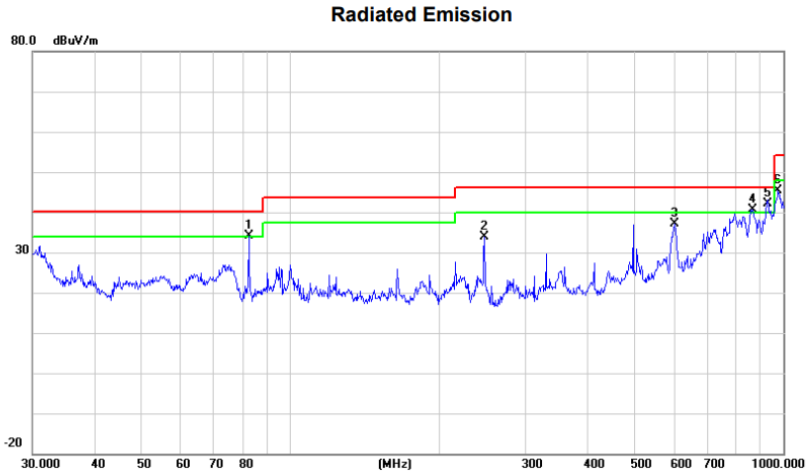
2) Radiated emission: 30MHz-1G

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.

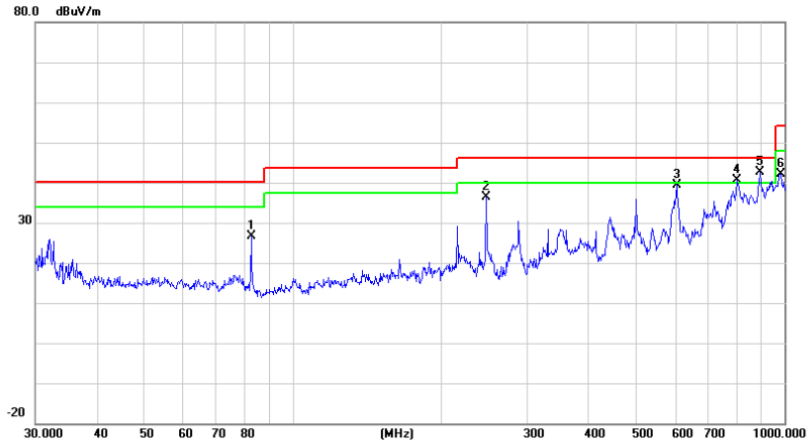
Below 1G (30MHz~1GHz)	TX AC20 Channel 165

VERTICAL



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	Comment
1	!	82.3588	48.91	-14.79	34.12	40.00	-5.88	peak			
2		247.6820	46.38	-12.54	33.84	46.00	-12.16	peak			
3		601.4265	39.49	-2.47	37.02	46.00	-8.98	peak			
4	!	866.0880	41.13	-0.38	40.75	46.00	-5.25	peak			
5	*	929.0082	41.02	1.08	42.10	46.00	-3.90	QP			
6		975.7530	43.32	2.16	45.48	54.00	-8.52	peak			

HORIZONTAL



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	Comment
1		82.3588	41.52	-14.79	26.73	40.00	-13.27	peak			
2		247.6820	48.87	-12.54	36.33	46.00	-9.67	peak			
3		603.5392	41.99	-2.58	39.41	46.00	-6.59	peak			
4	!	801.7863	41.04	-0.53	40.51	46.00	-5.49	peak			
5	*	890.7278	41.37	1.20	42.57	46.00	-3.43	peak			
6		982.6200	40.67	1.53	42.20	54.00	-11.80	peak			

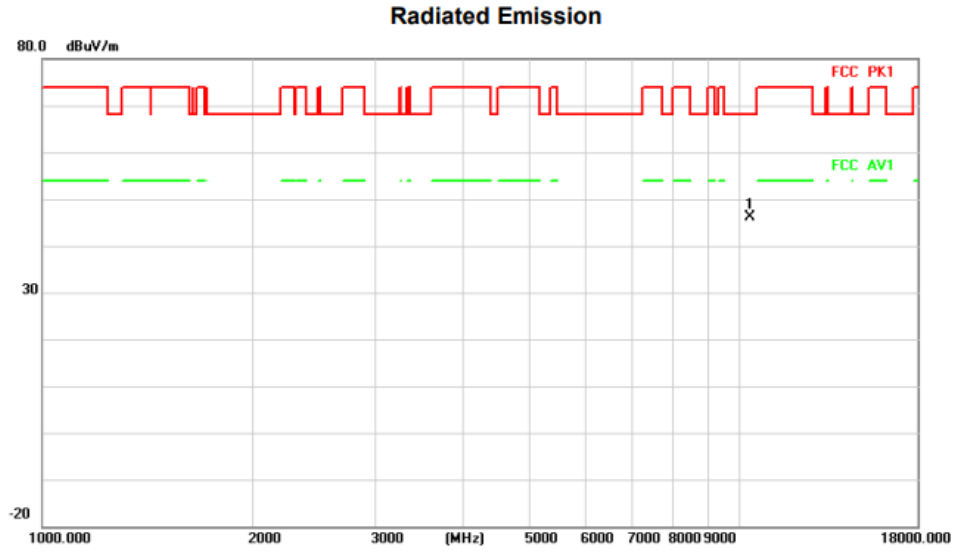
3) Radiated emission: Above 1G

Note:

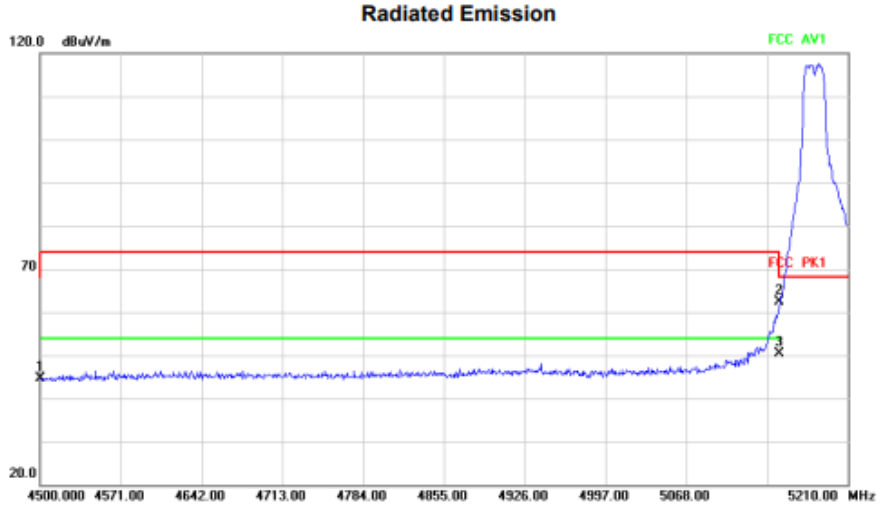
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

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

VERTICAL



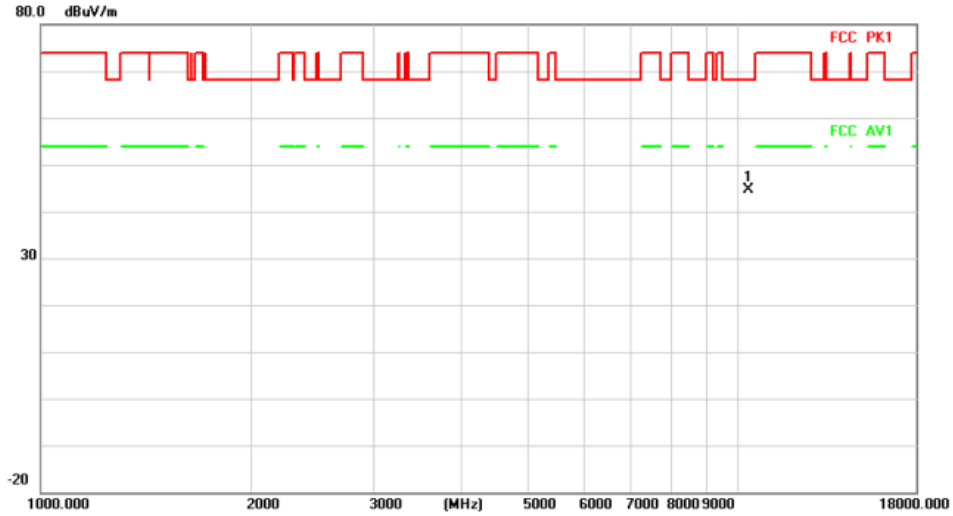
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	36.89	9.21	46.10	68.20	-22.10	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.39	7.17	44.56	68.20	-23.64	peak			
2		5150.000	53.14	9.17	62.31	68.20	-5.89	peak			
3	*	5150.000	41.19	9.17	50.36	54.00	-3.64	AVG			

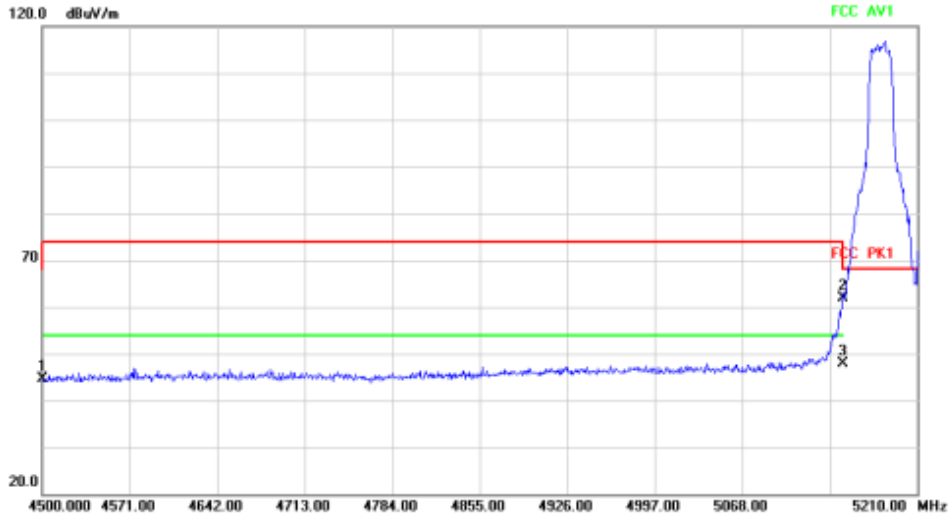
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	35.39	9.21	44.60	68.20	-23.60	peak			

Radiated Emission

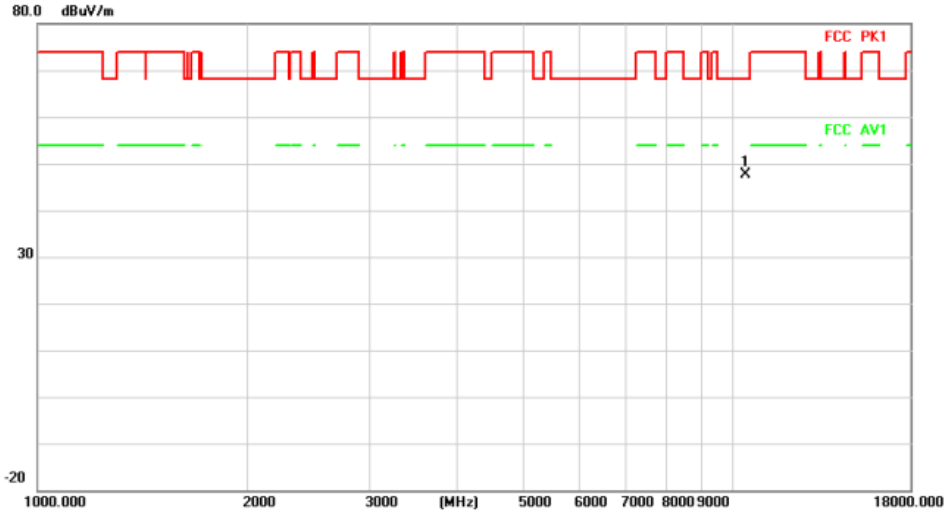


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.57	7.17	44.74	68.20	-23.46	peak			
2		5150.000	52.74	9.17	61.91	68.20	-6.29	peak			
3	*	5150.000	38.68	9.17	47.85	54.00	-6.15	AVG			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:40

VERTICAL

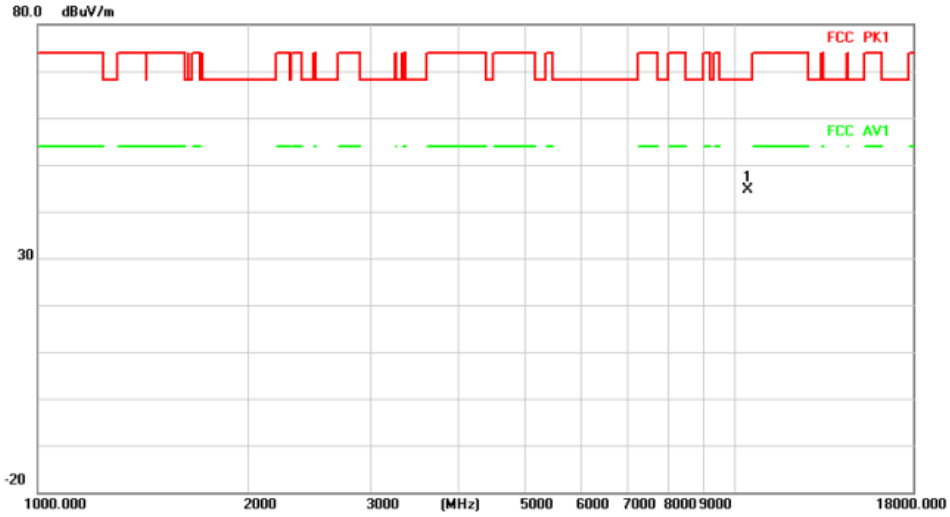
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	38.35	9.26	47.61	68.20	-20.59	peak			

HORIZONTA

Radiated Emission

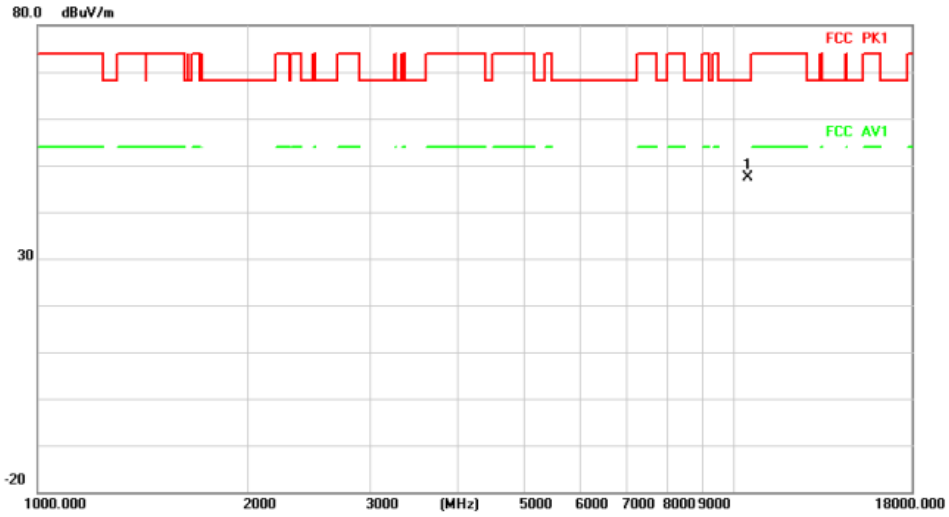


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	35.25	9.26	44.51	68.20	-23.69	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:48

VERTICAL

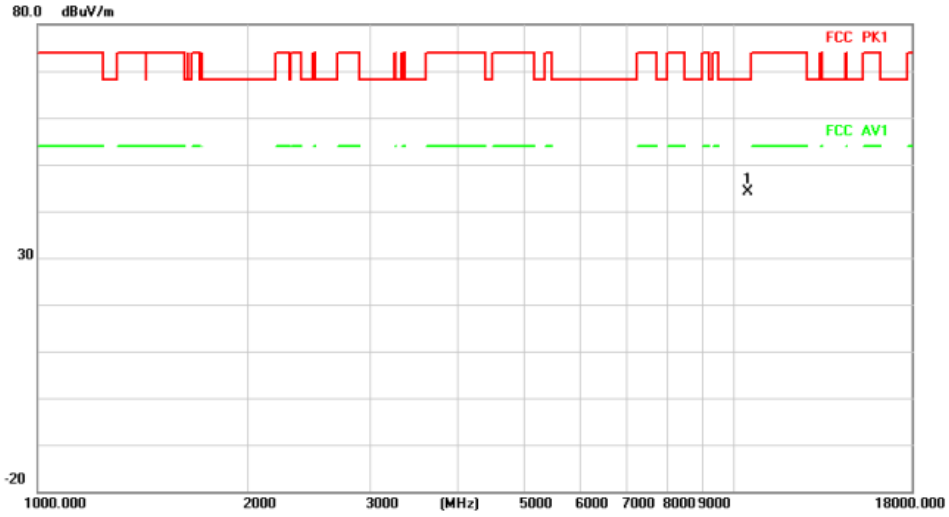
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	38.06	9.37	47.43	68.20	-20.77	peak			

HORIZONTA

Radiated Emission

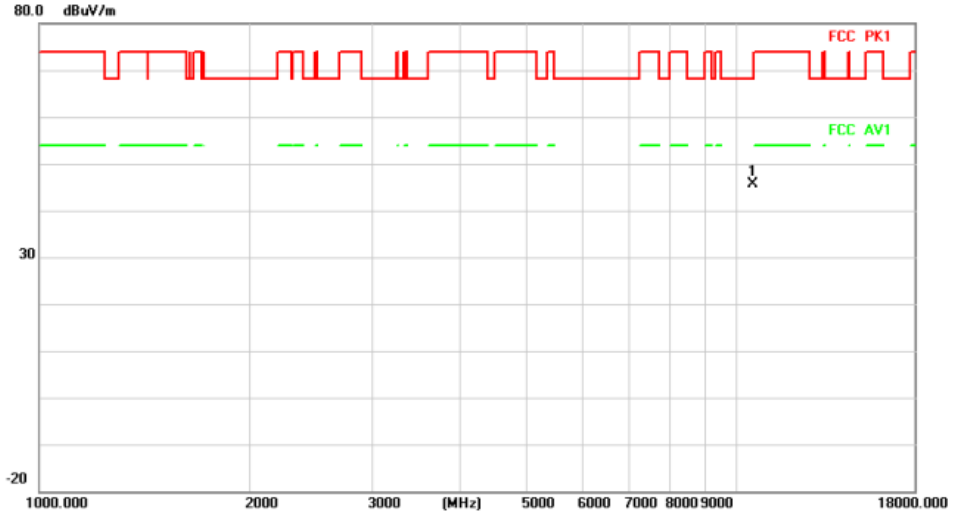


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	34.84	9.37	44.21	68.20	-23.99	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:52

VERTICAL

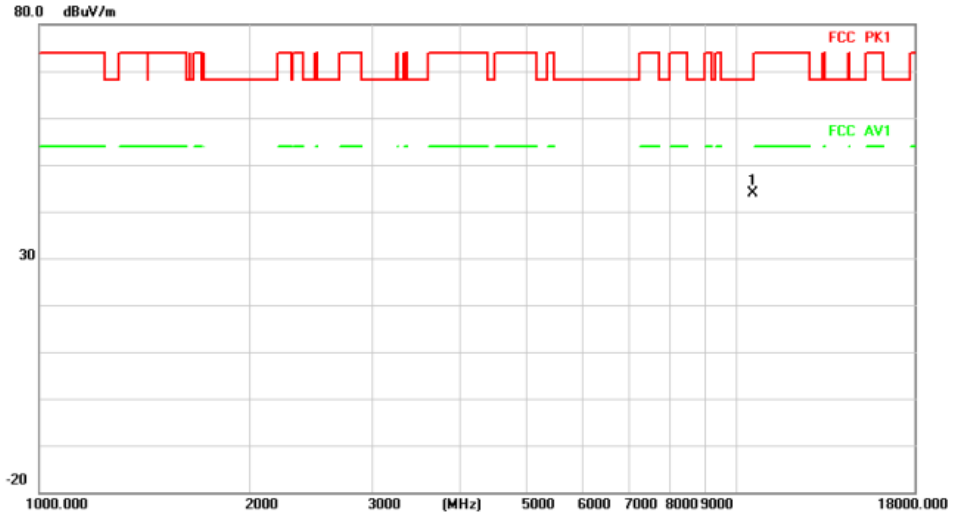
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	36.14	9.41	45.55	68.20	-22.65	peak			

HORIZONTA

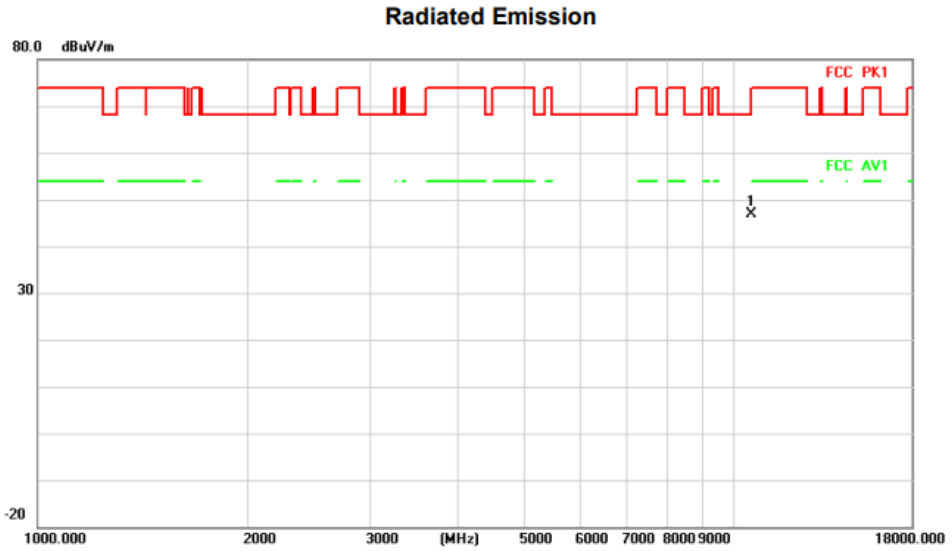
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	34.53	9.41	43.94	68.20	-24.26	peak			

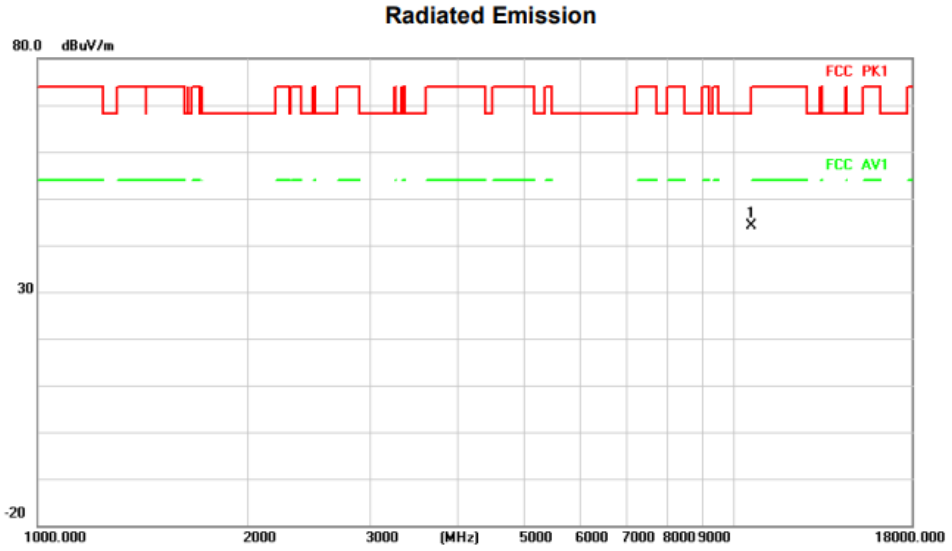
Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:56

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	37.36	9.46	46.82	68.20	-21.38	peak			

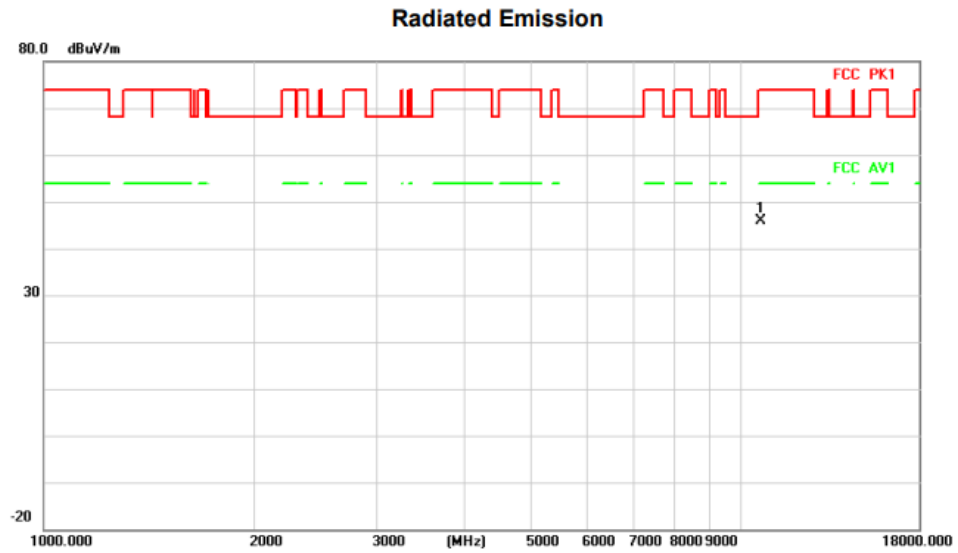
HORIZONTA



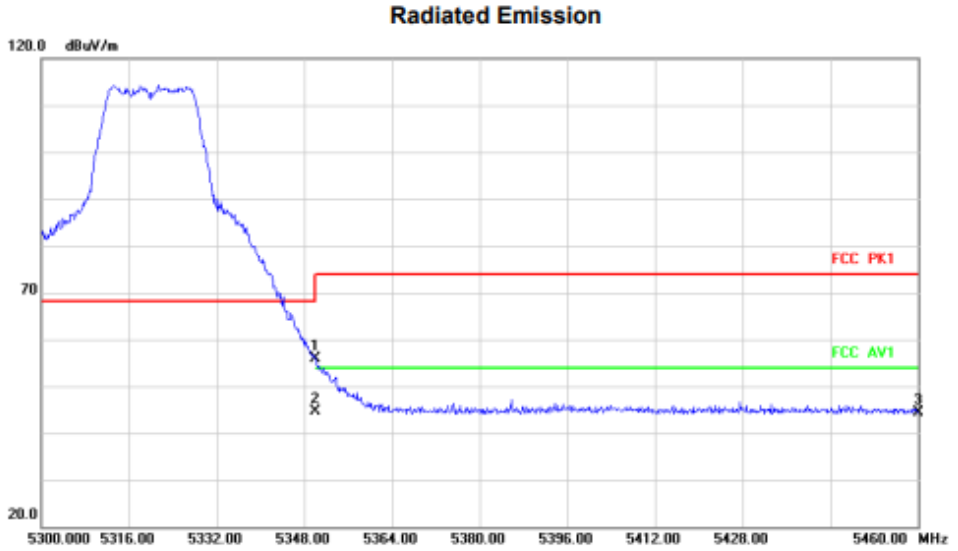
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	34.69	9.46	44.15	68.20	-24.05	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:64

VERTICAL



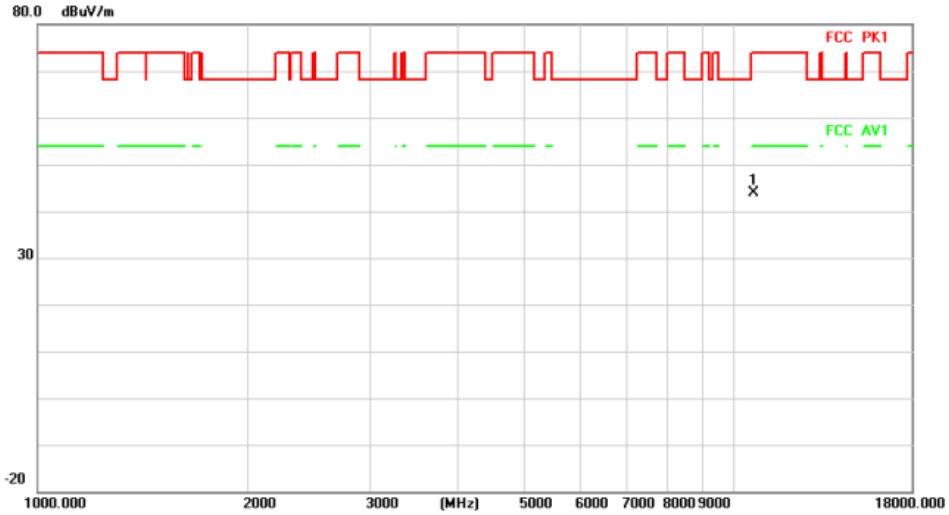
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	36.40	9.58	45.98	74.00	-28.02	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	46.51	9.30	55.81	68.20	-12.39	peak			
2	*	5350.000	35.22	9.30	44.52	54.00	-9.48	AVG			
3		5460.000	35.19	9.31	44.50	68.20	-23.70	peak			

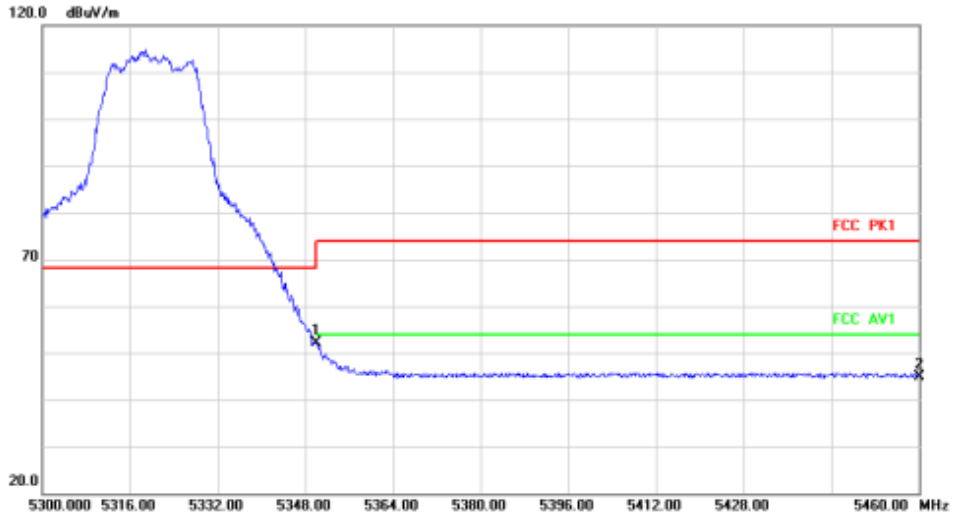
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	34.23	9.58	43.81	74.00	-30.19	peak			

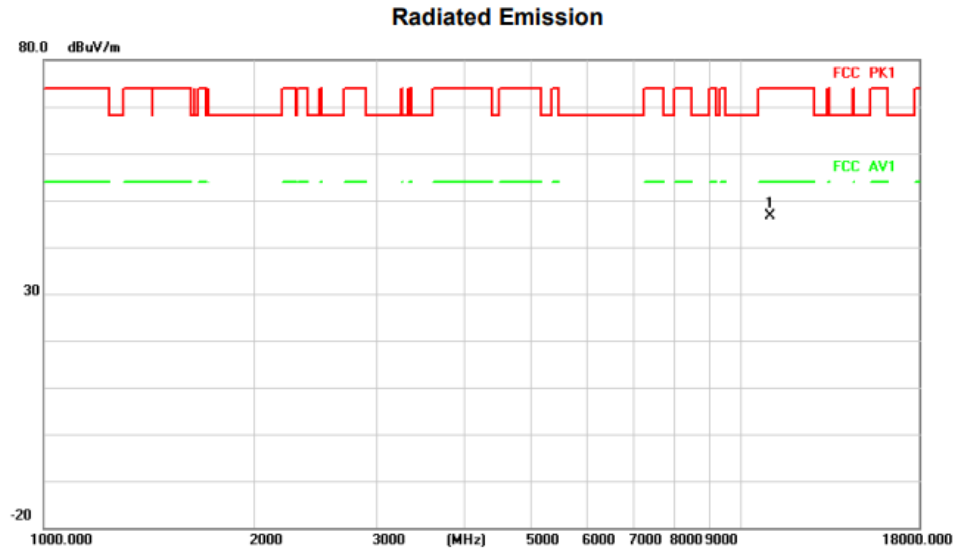
Radiated Emission



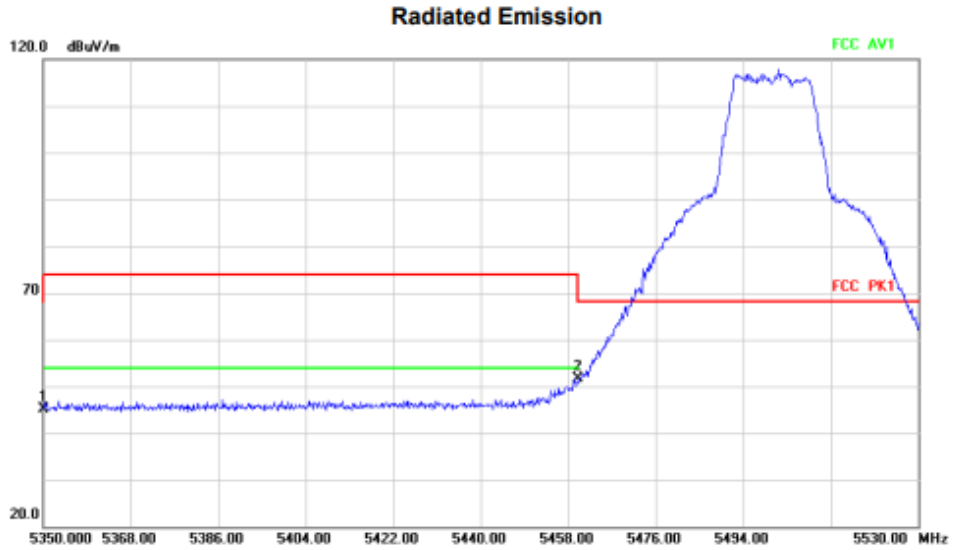
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	42.74	9.30	52.04	68.20	-16.16	peak			
2		5460.000	35.67	9.31	44.98	68.20	-23.22	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:100

VERTICAL



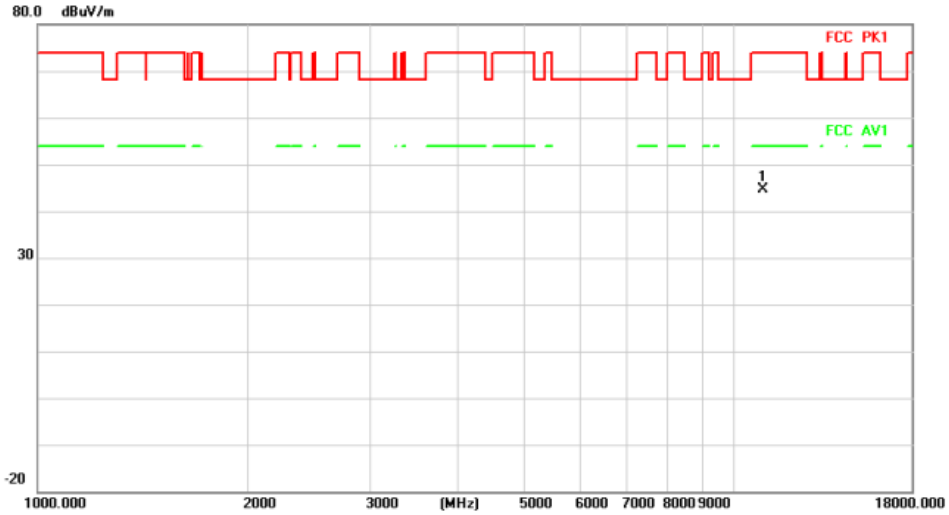
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	36.45	10.18	46.63	74.00	-27.37	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	35.74	9.30	45.04	68.20	-23.16	peak			
2	*	5460.000	42.33	9.31	51.64	68.20	-16.56	peak			

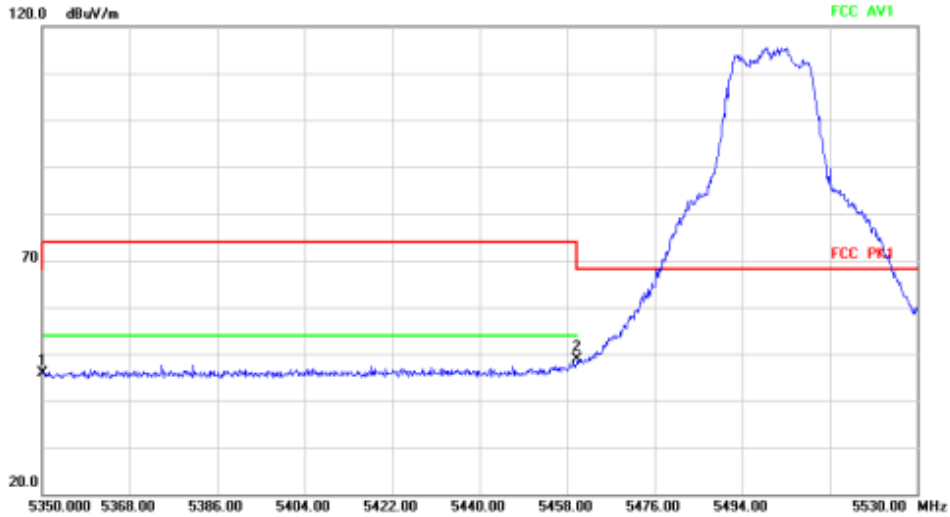
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	34.41	10.18	44.59	74.00	-29.41	peak			

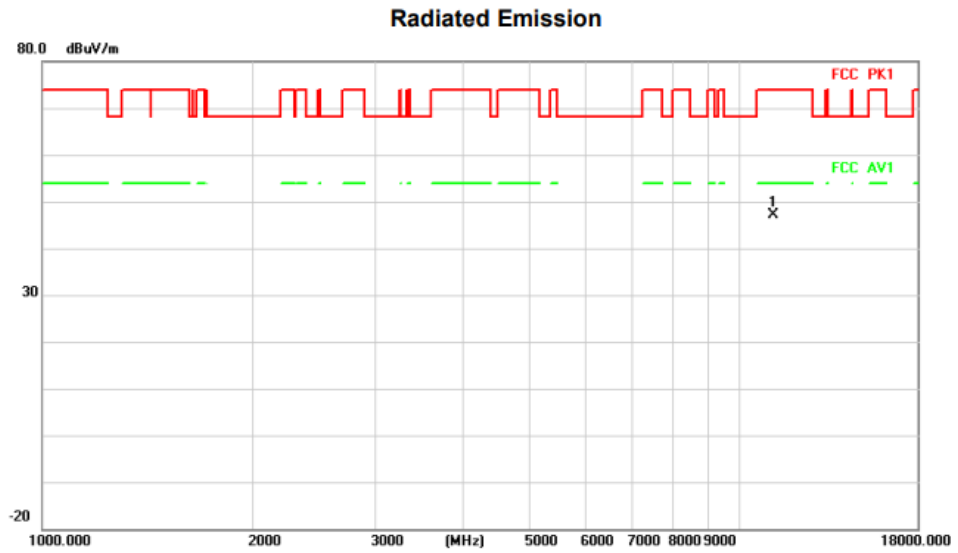
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.59	9.30	45.89	68.20	-22.31	peak			
2	*	5460.000	39.56	9.31	48.87	68.20	-19.33	peak			

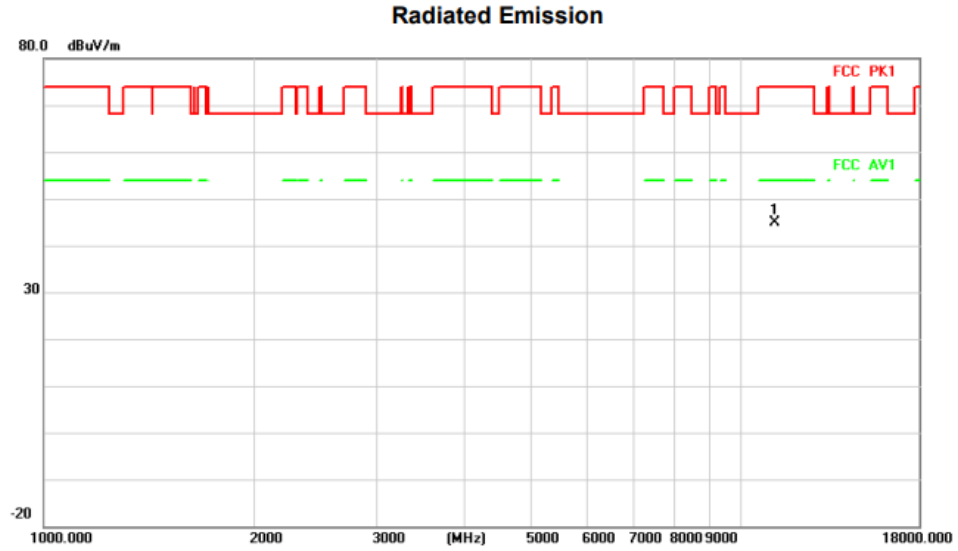
Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:116

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	37.37	9.88	47.25	74.00	-26.75	peak			

HORIZONTA

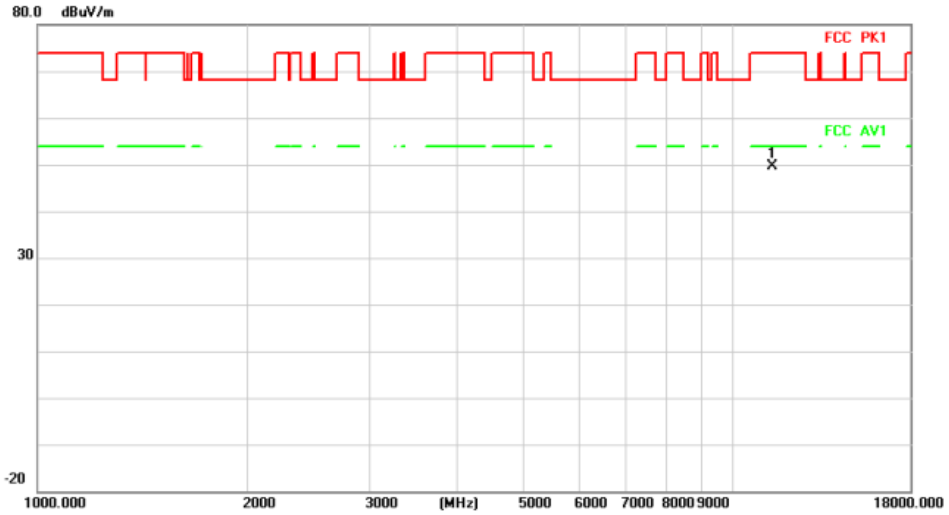


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	34.88	9.88	44.76	74.00	-29.24	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:140

VERTICAL

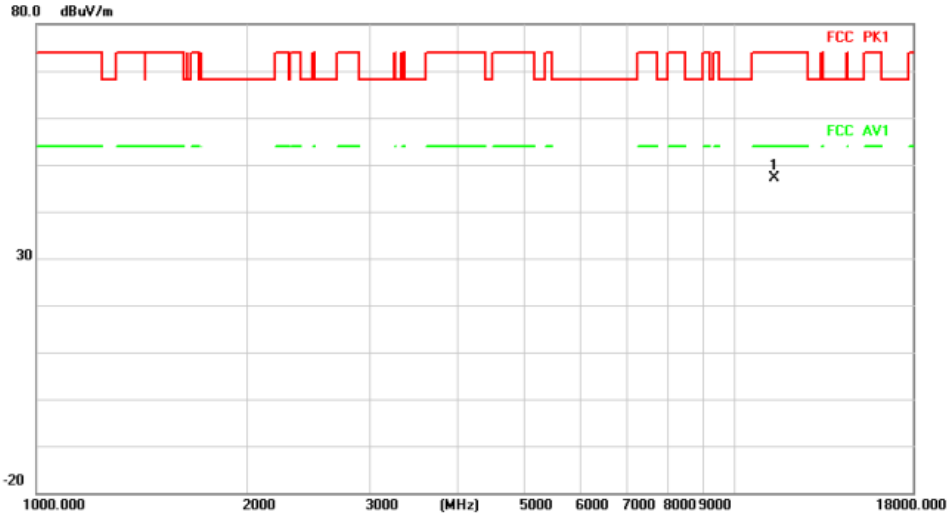
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	40.19	9.43	49.62	74.00	-24.38	peak			

HORIZONTA

Radiated Emission

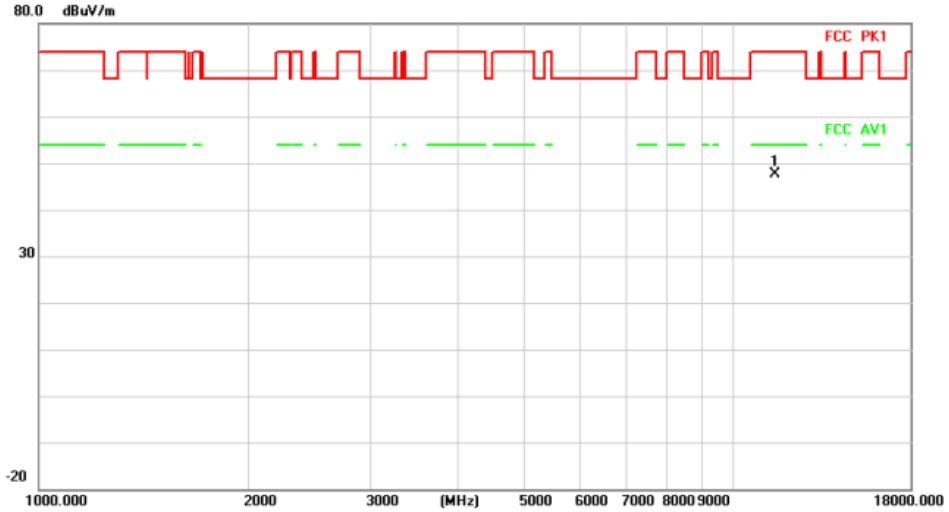


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	37.74	9.43	47.17	74.00	-26.83	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:149

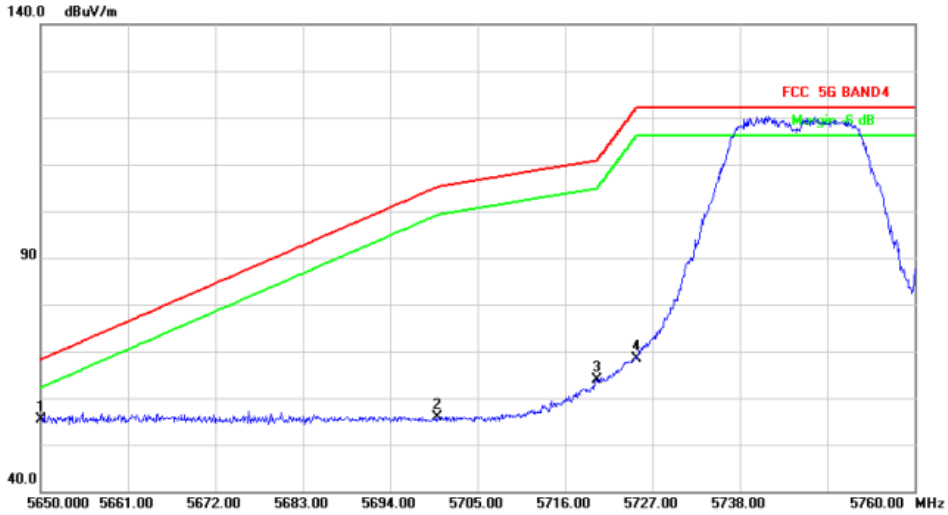
VERTICAL

Radiated Emission



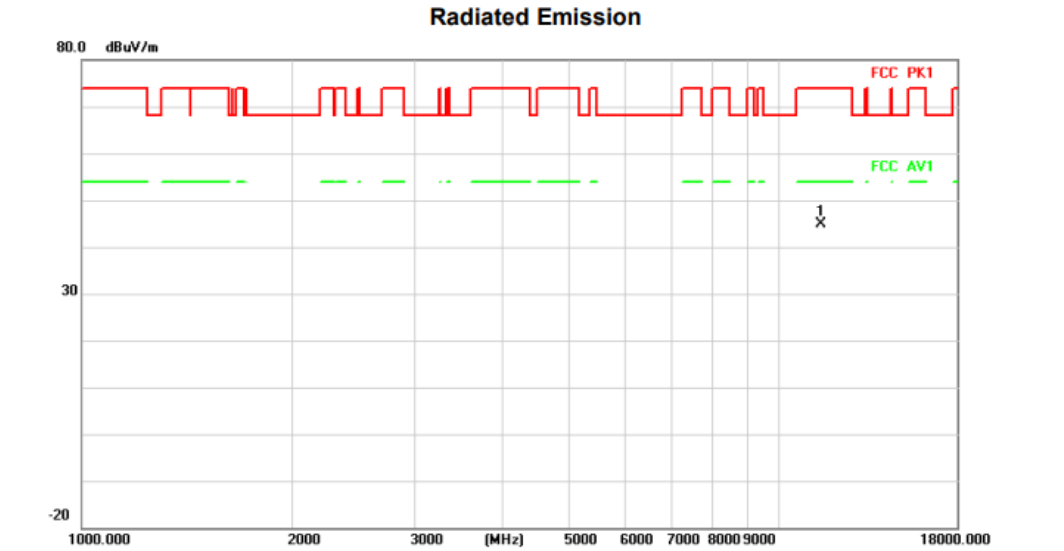
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	37.82	9.70	47.52	74.00	-26.48	peak			

Radiated Emission

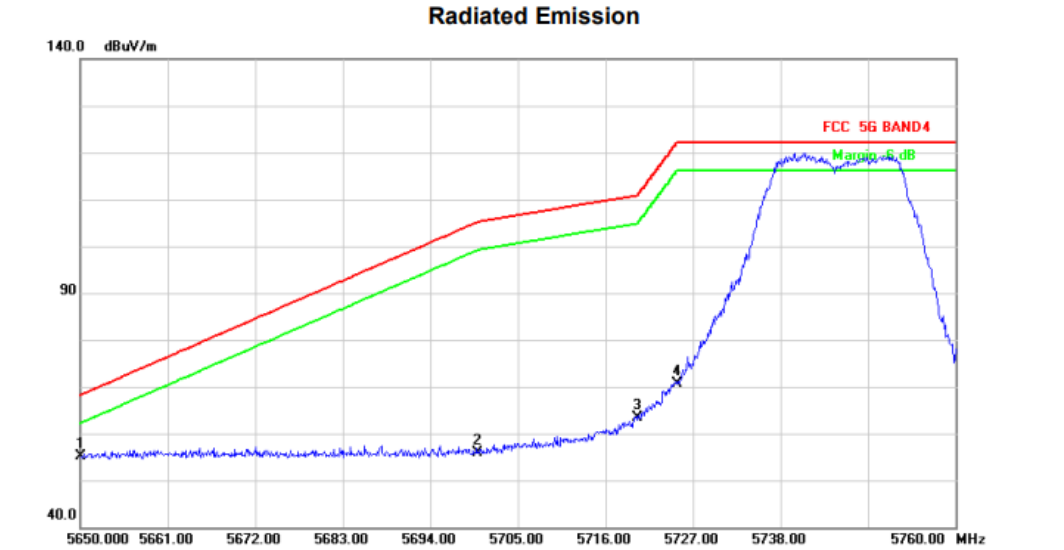


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	46.19	9.16	55.35	68.20	-12.85	peak			
2		5700.000	46.74	9.10	55.84	105.20	-49.36	peak			
3		5720.000	54.80	9.08	63.88	110.80	-46.92	peak			
4		5725.000	59.42	9.08	68.50	122.20	-53.70	peak			

HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	35.23	9.70	44.93	74.00	-29.07	peak			

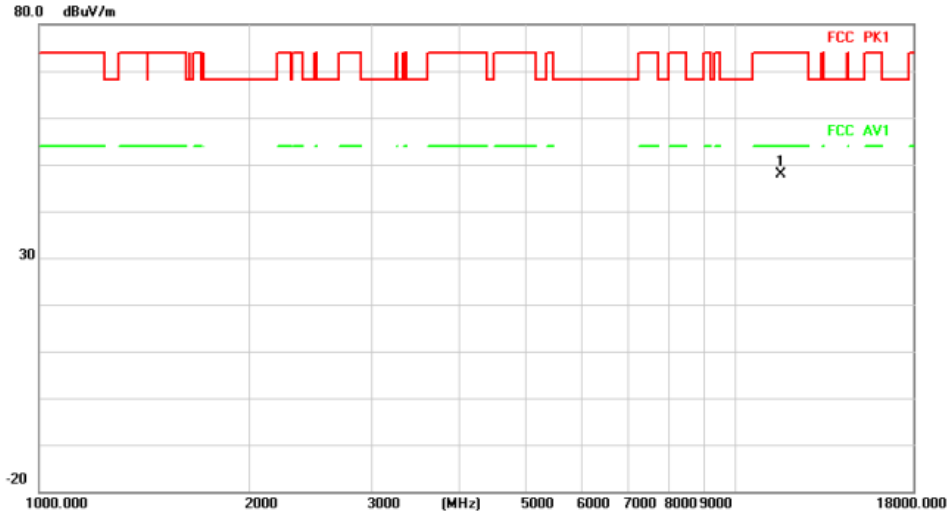


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	45.85	9.16	55.01	68.20	-13.19	peak			
2		5700.000	46.81	9.10	55.91	105.20	-49.29	peak			
3		5720.000	54.30	9.08	63.38	110.80	-47.42	peak			
4		5725.000	61.54	9.08	70.62	122.20	-51.58	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:157

VERTICAL

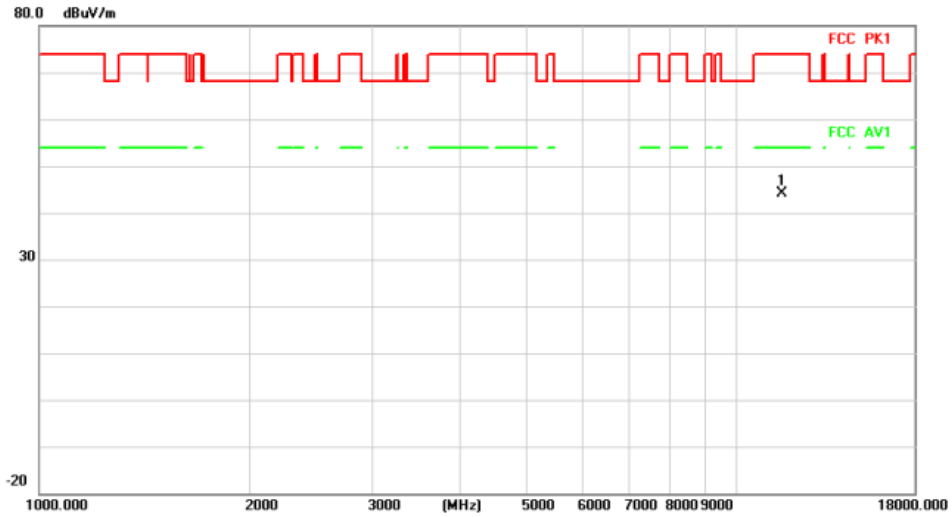
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	37.97	9.94	47.91	74.00	-26.09	peak			

HORIZONTA

Radiated Emission

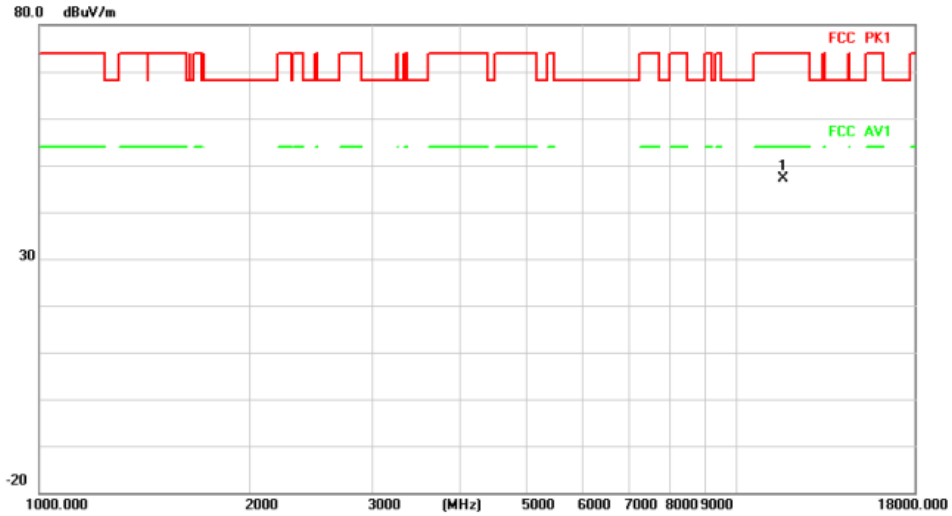


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	34.20	9.94	44.14	74.00	-29.86	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A	Test Channel:165

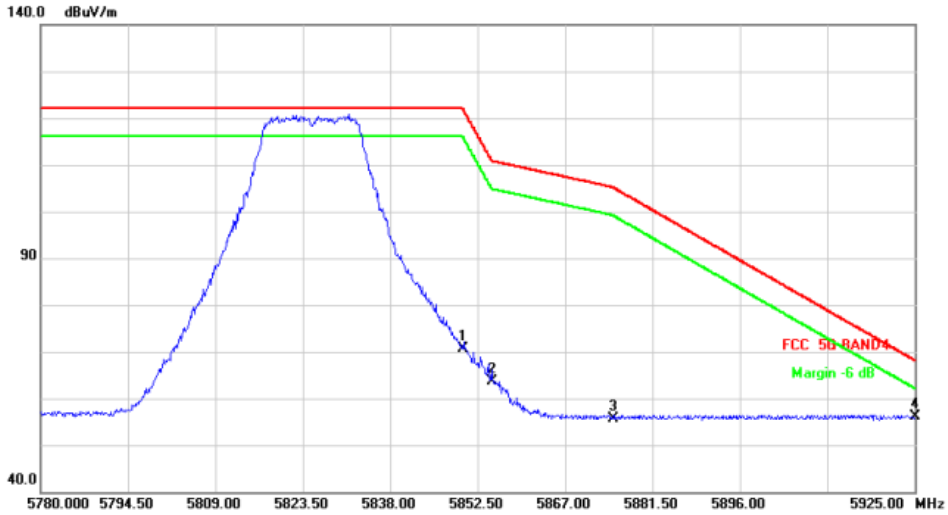
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	36.96	10.18	47.14	74.00	-26.86	peak			

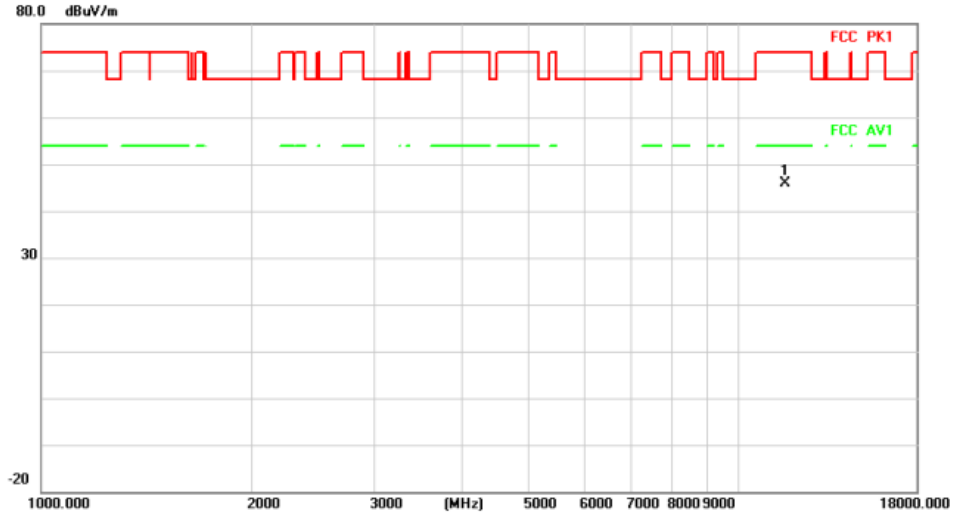
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	61.32	9.24	70.56	122.20	-51.64	peak			
2		5855.000	54.27	9.26	63.53	110.80	-47.27	peak			
3		5875.000	46.24	9.36	55.60	105.20	-49.60	peak			
4	*	5925.000	46.50	9.61	56.11	68.20	-12.09	peak			

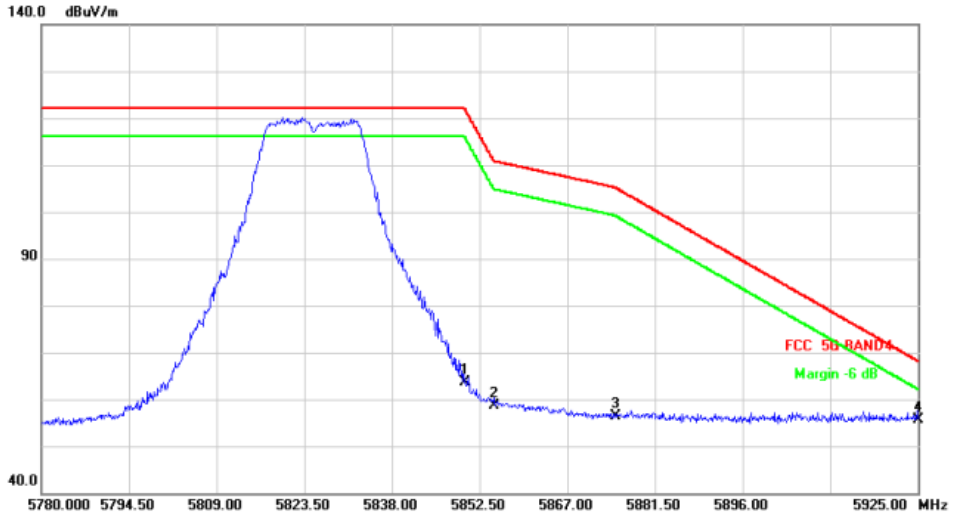
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	35.59	10.18	45.77	74.00	-28.23	peak			

Radiated Emission

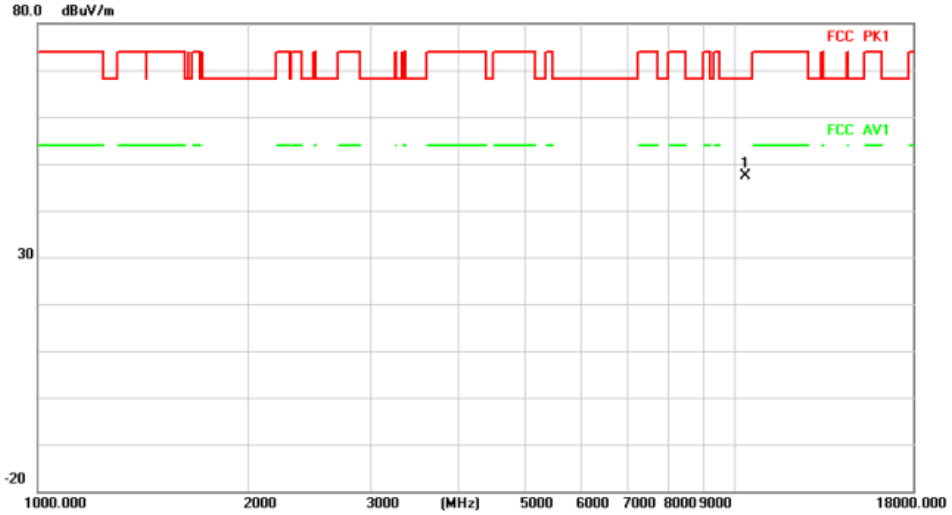


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	54.31	9.24	63.55	122.20	-58.65	peak			
2		5855.000	49.37	9.26	58.63	110.80	-52.17	peak			
3		5875.000	47.00	9.36	56.36	105.20	-48.84	peak			
4	*	5925.000	45.95	9.61	55.56	68.20	-12.64	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:36

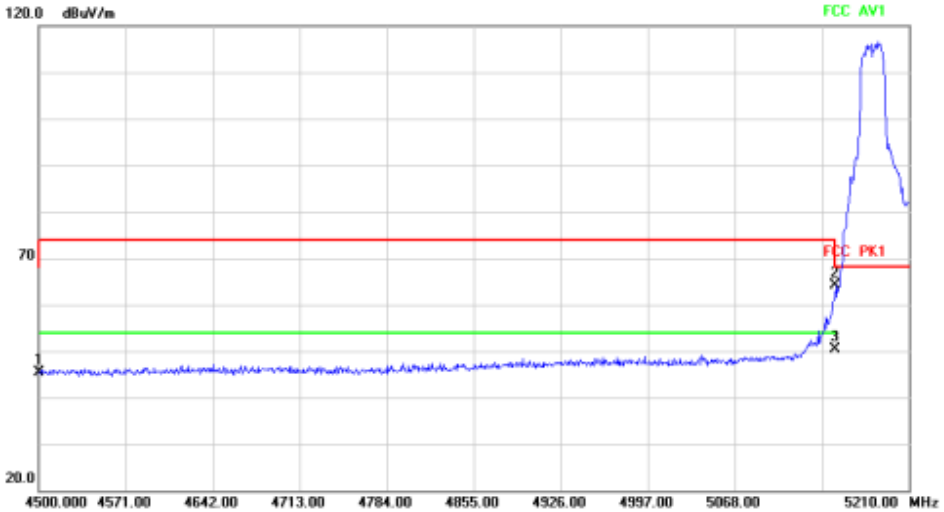
VERTICAL

Radiated Emission



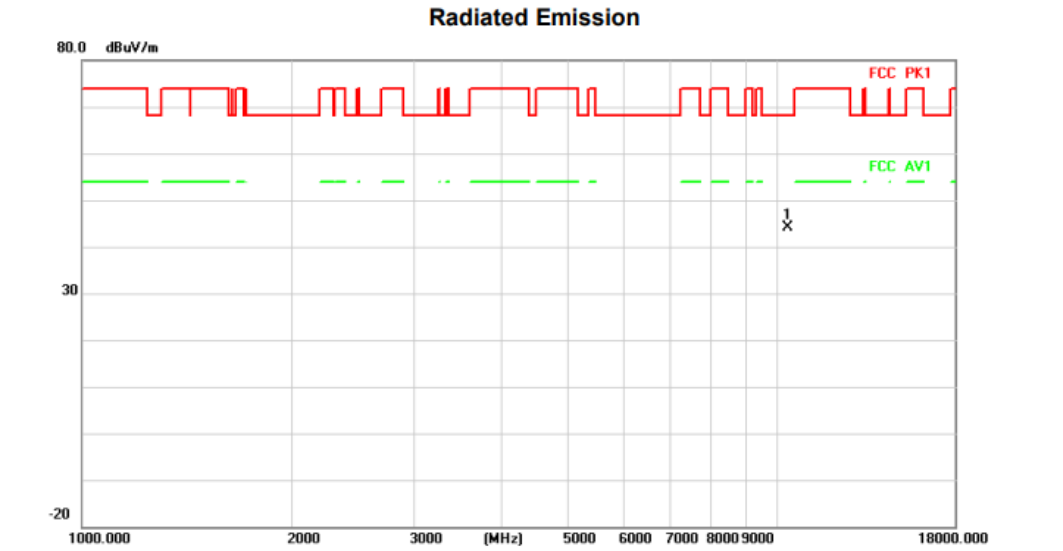
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	38.26	9.21	47.47	68.20	-20.73	peak			

Radiated Emission

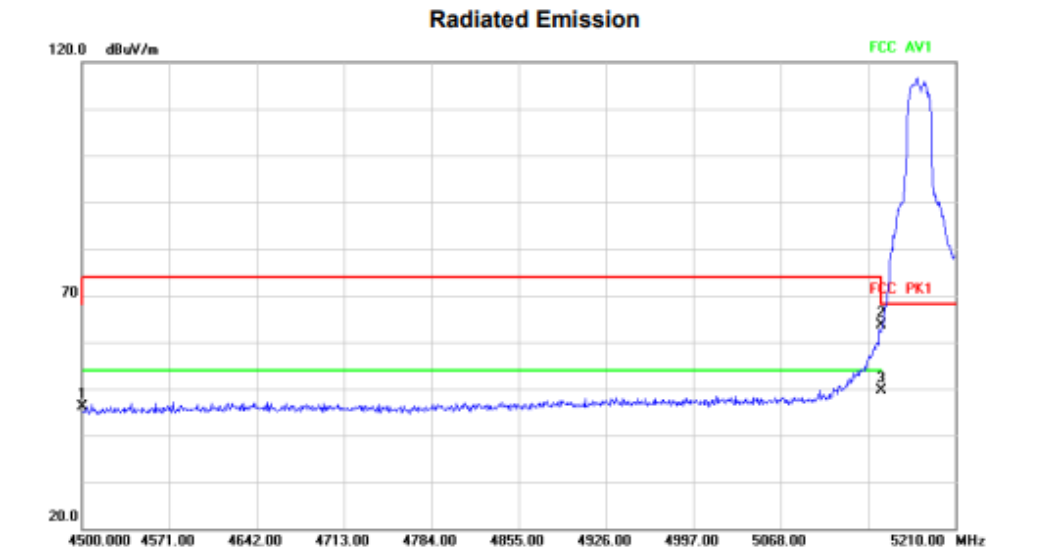


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	38.25	7.17	45.42	68.20	-22.78	peak			
2		5150.000	55.05	9.17	64.22	68.20	-3.98	peak			
3	*	5150.000	41.10	9.17	50.27	54.00	-3.73	AVG			

HORIZONTA



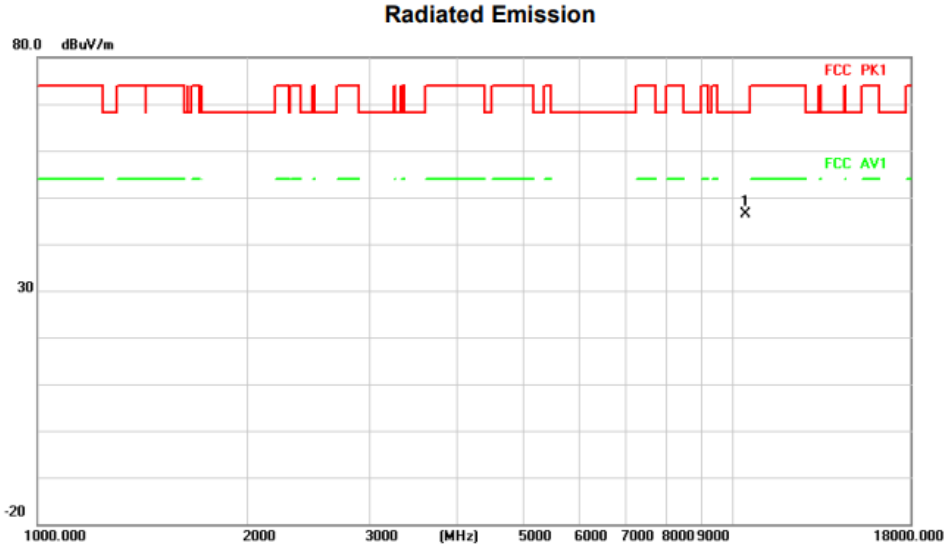
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	34.90	9.21	44.11	68.20	-24.09	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	38.88	7.17	46.05	68.20	-22.15	peak			
2		5150.000	54.57	9.17	63.74	68.20	-4.46	peak			
3	*	5150.000	40.54	9.17	49.71	54.00	-4.29	AVG			

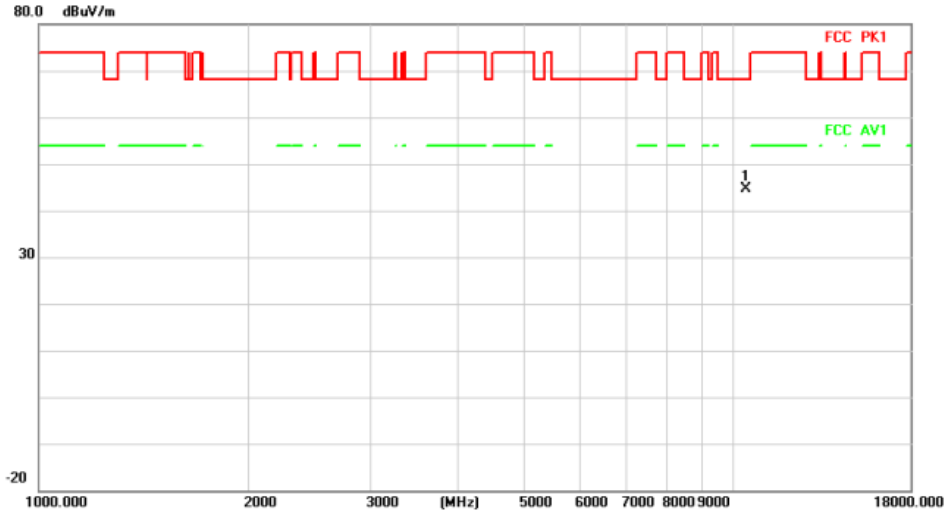
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:40

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	37.01	9.26	46.27	68.20	-21.93	peak			

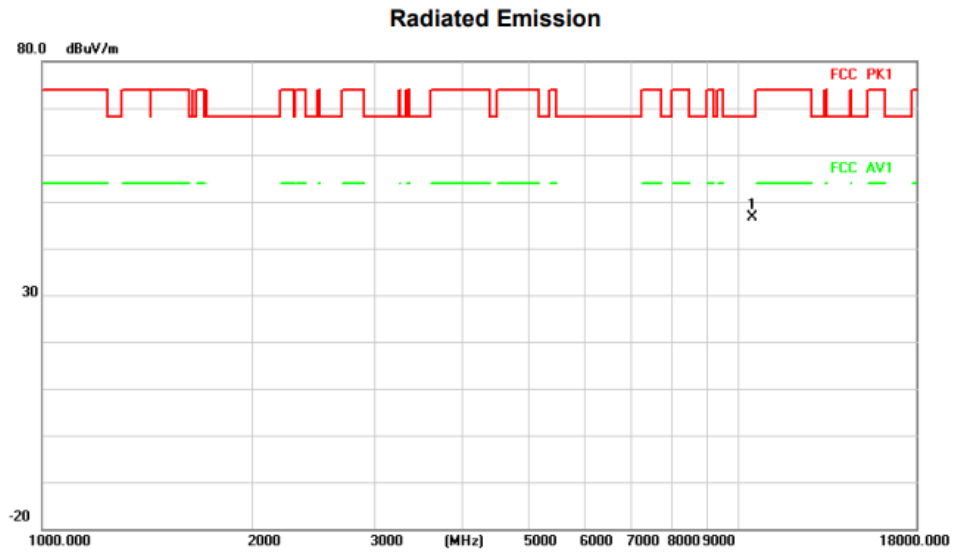
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	35.34	9.26	44.60	68.20	-23.60	peak			

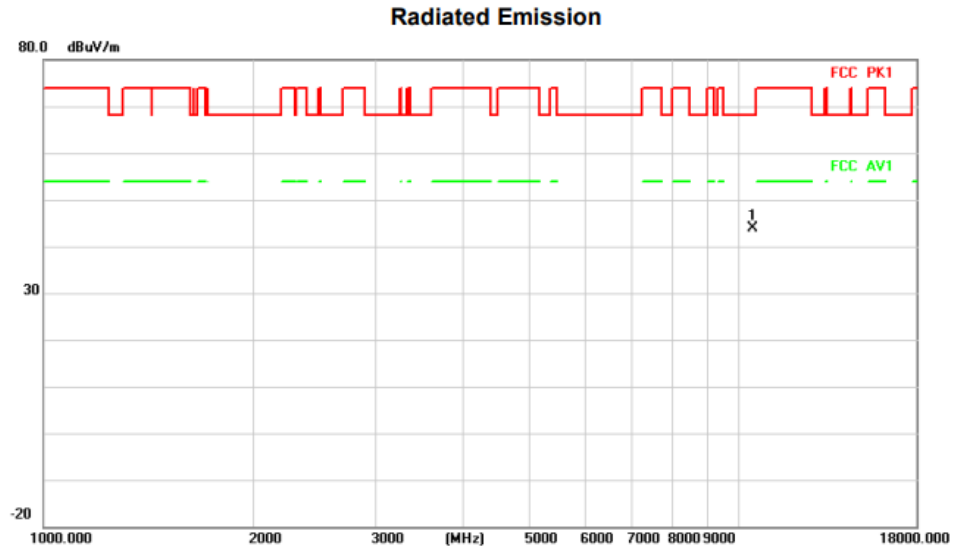
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:48

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	37.14	9.37	46.51	68.20	-21.69	peak			

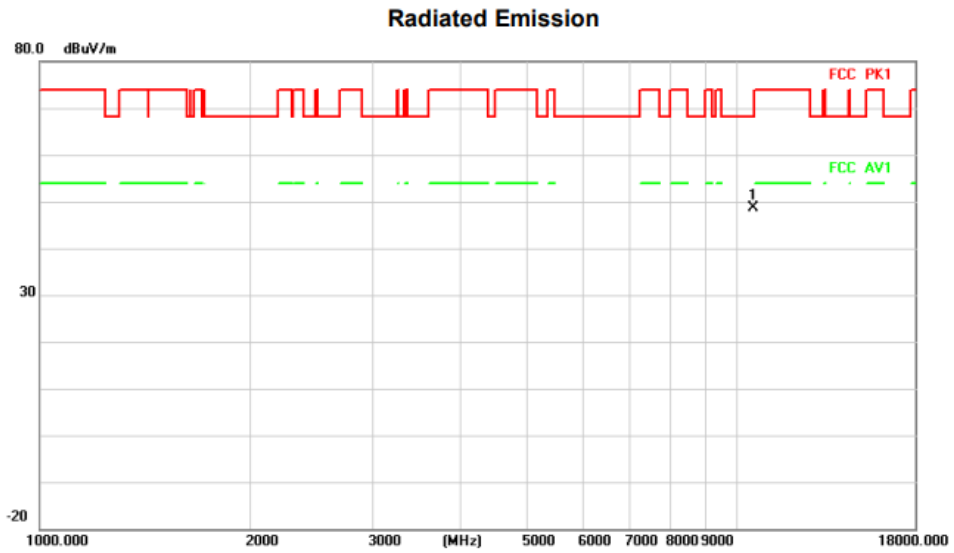
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	34.45	9.37	43.82	68.20	-24.38	peak			

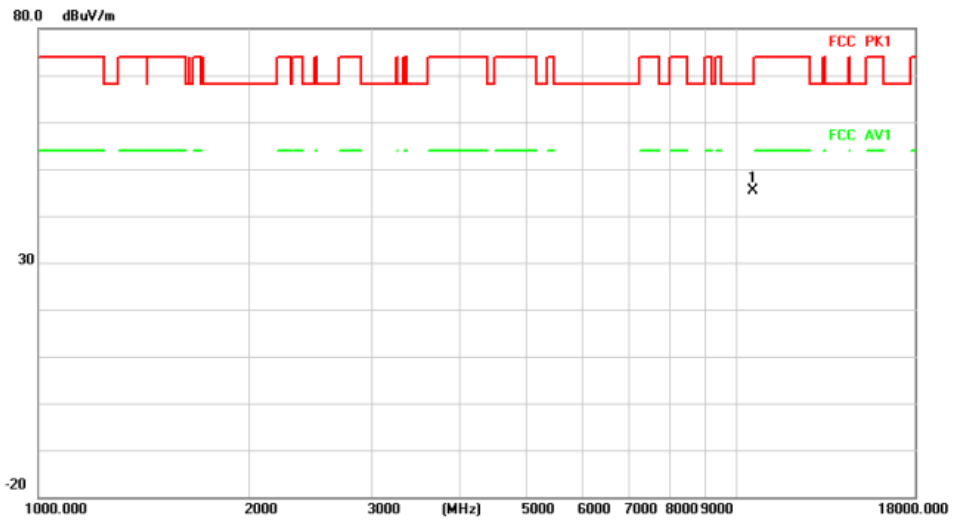
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:52

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	39.28	9.41	48.69	68.20	-19.51	peak			

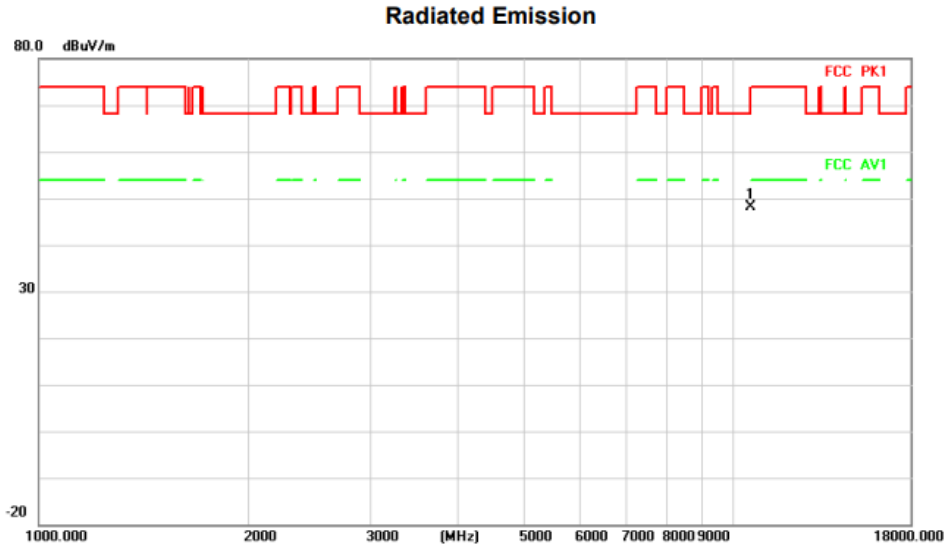
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	35.90	9.41	45.31	68.20	-22.89	peak			

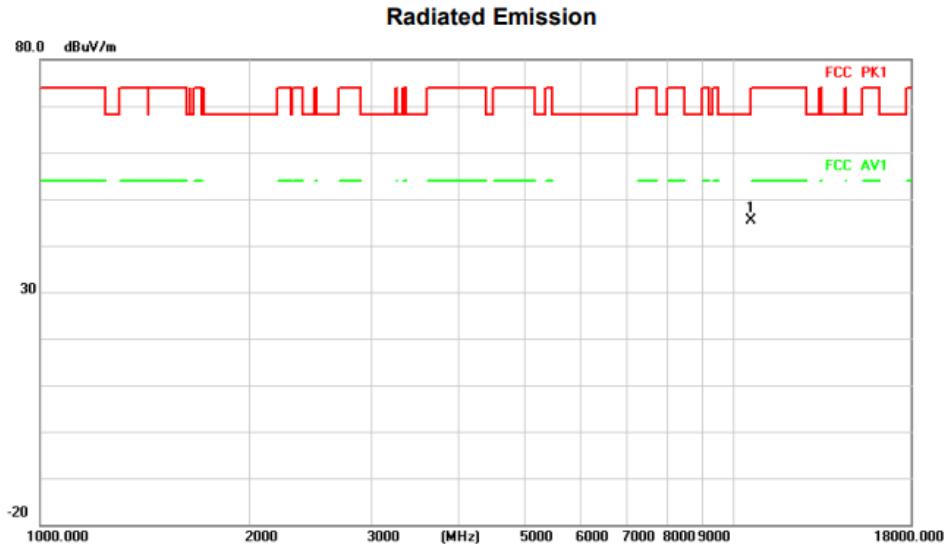
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:56

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	38.55	9.46	48.01	68.20	-20.19	peak			

HORIZONTA

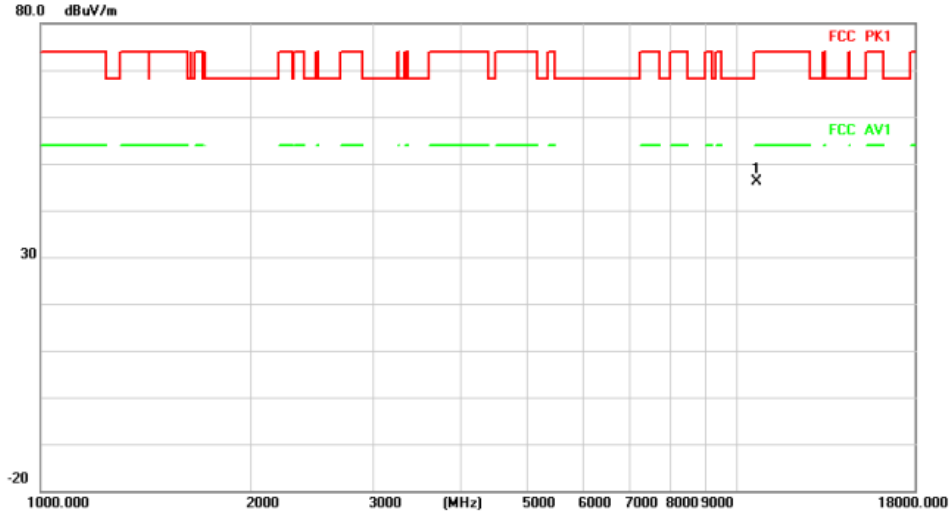


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	35.97	9.46	45.43	68.20	-22.77	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:64

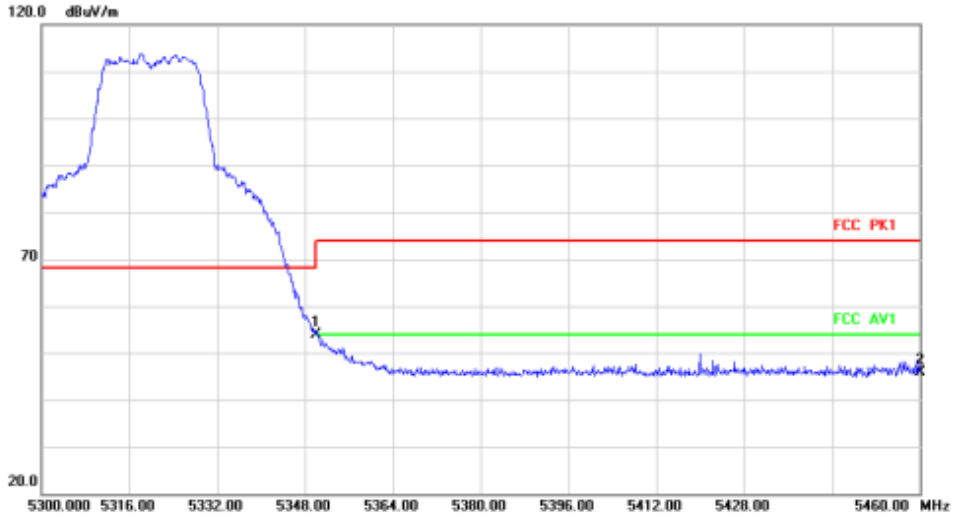
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	36.59	9.58	46.17	74.00	-27.83	peak			

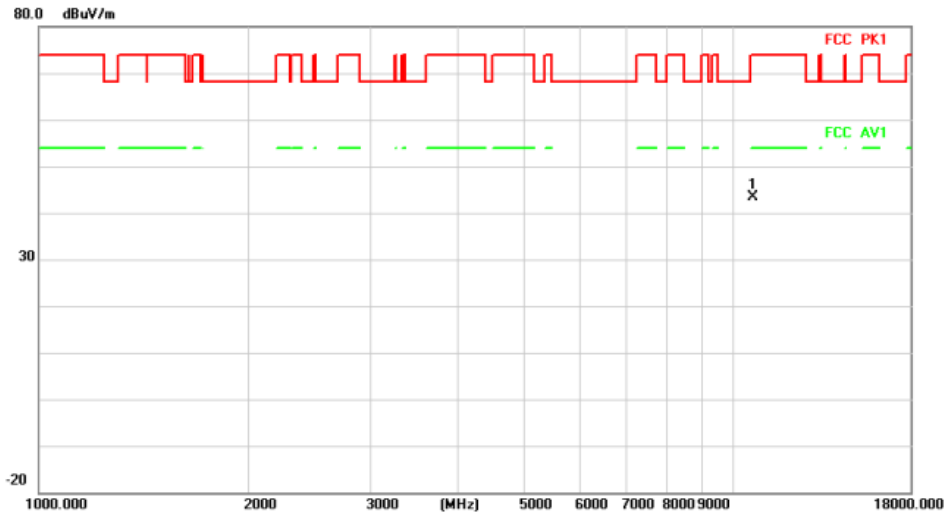
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	44.51	9.30	53.81	68.20	-14.39	peak			
2		5460.000	36.69	9.31	46.00	68.20	-22.20	peak			

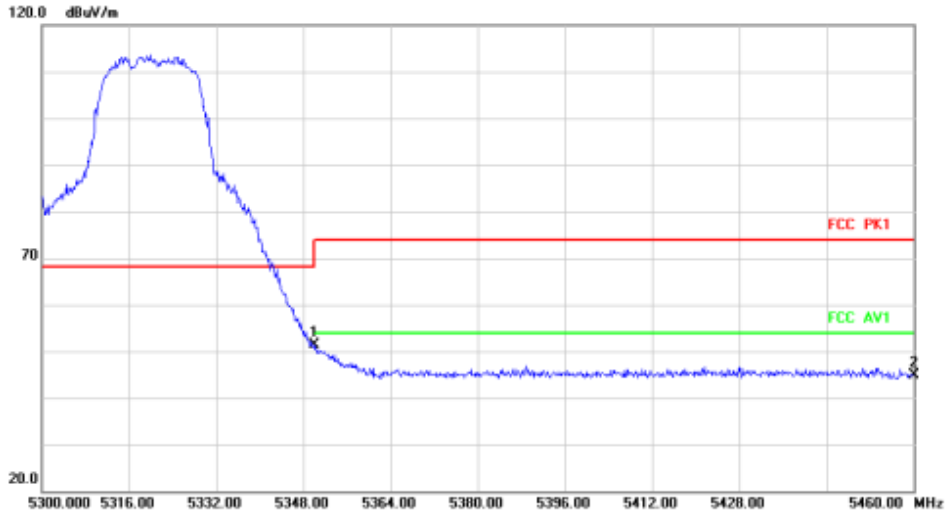
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	33.78	9.58	43.36	74.00	-30.64	peak			

Radiated Emission

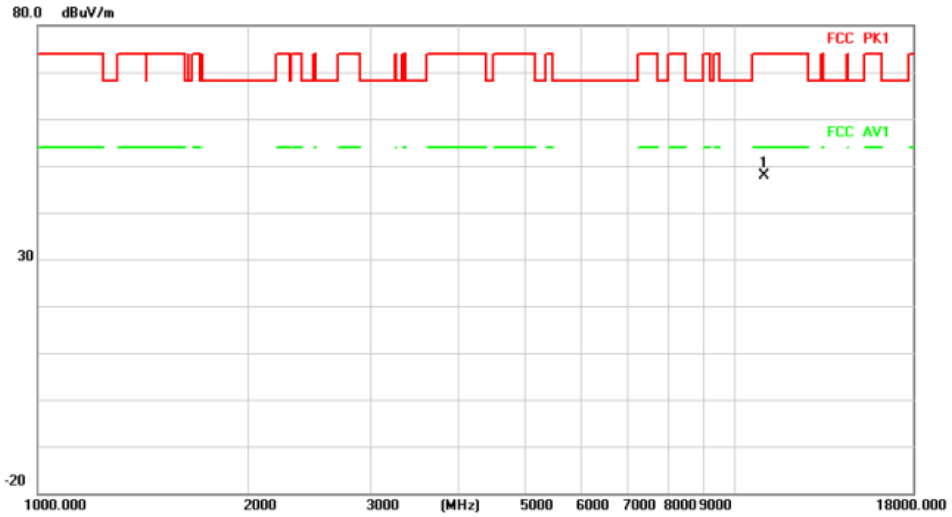


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	42.07	9.30	51.37	68.20	-16.83	peak			
2		5460.000	35.50	9.31	44.81	68.20	-23.39	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:100

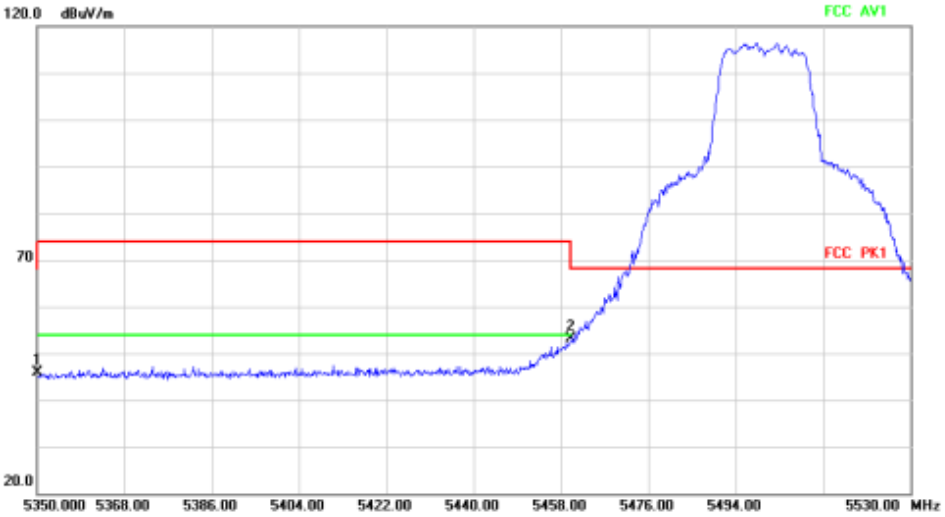
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	37.66	10.18	47.84	74.00	-26.16	peak			

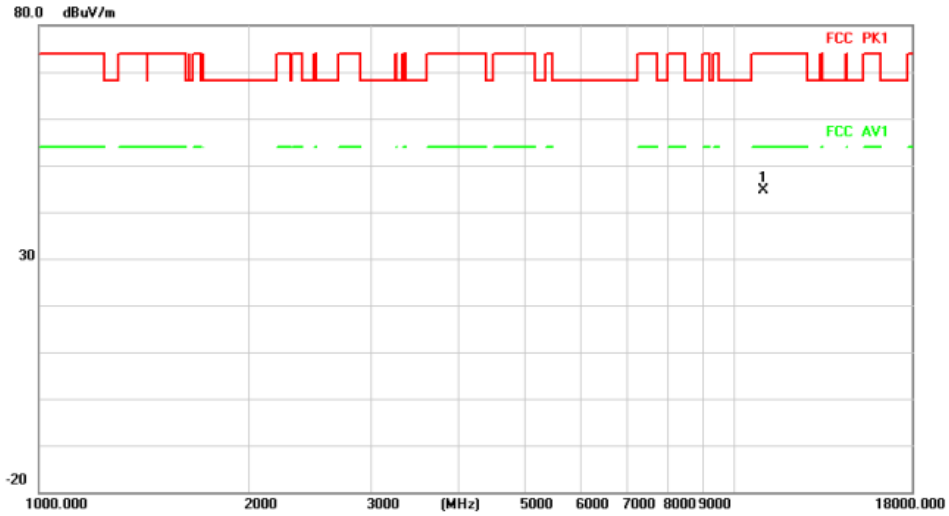
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.60	9.30	45.90	68.20	-22.30	peak			
2	*	5460.000	43.89	9.31	53.20	68.20	-15.00	peak			

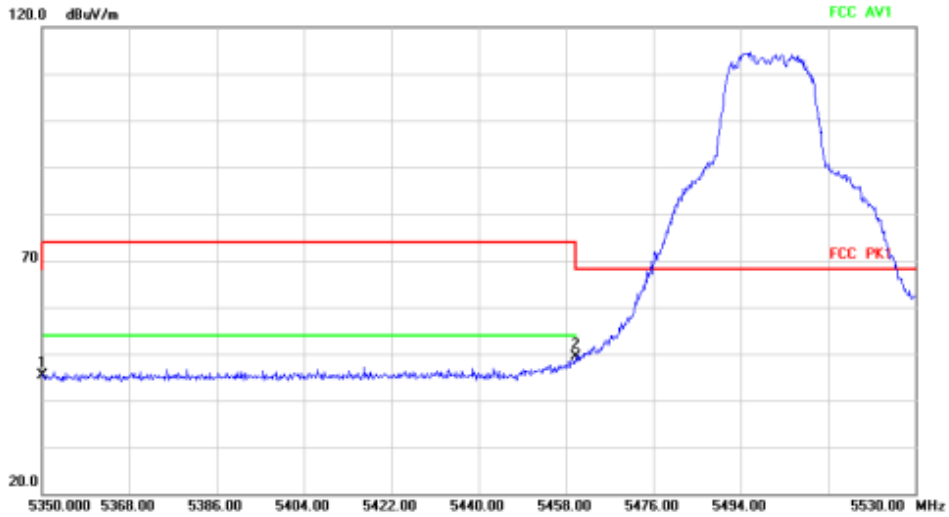
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	34.53	10.18	44.71	74.00	-29.29	peak			

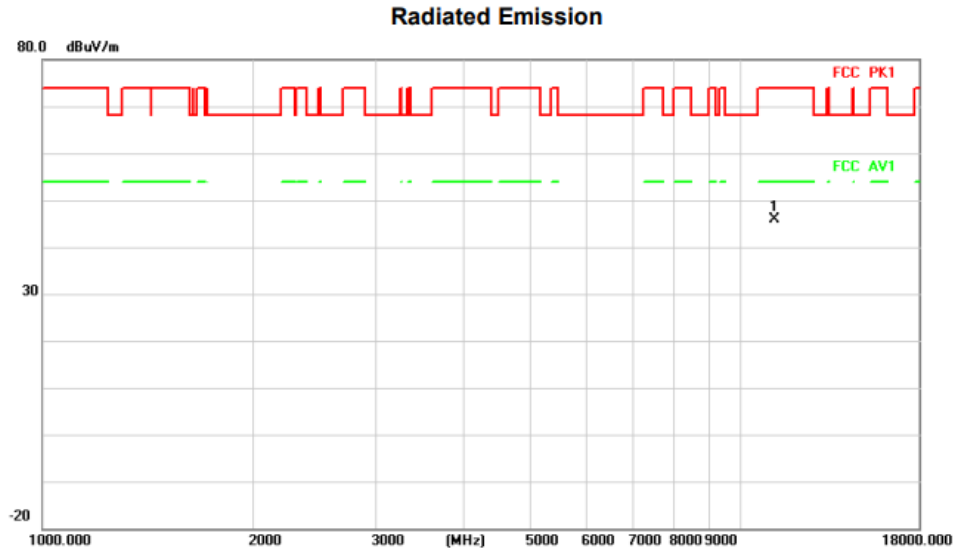
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.10	9.30	45.40	68.20	-22.80	peak			
2	*	5460.000	39.96	9.31	49.27	68.20	-18.93	peak			

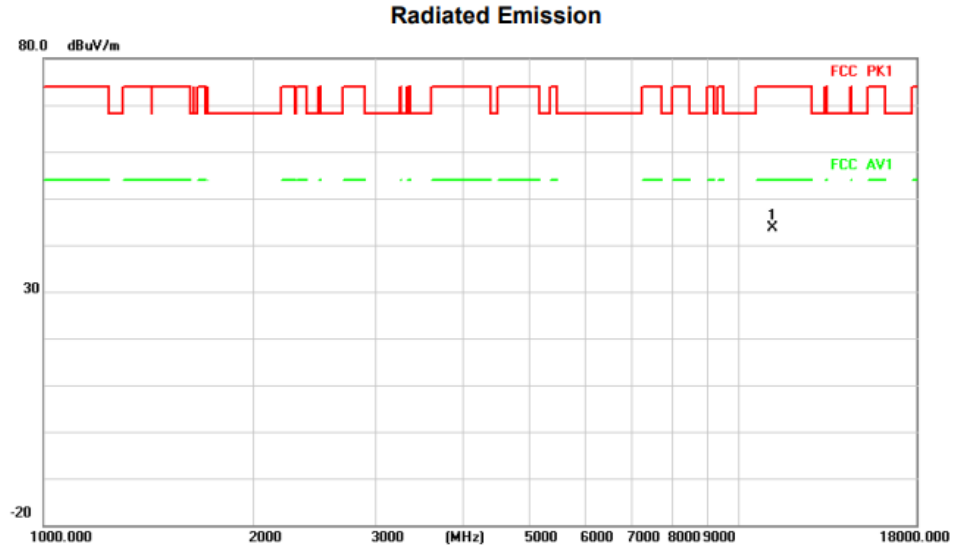
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:116

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	36.07	9.88	45.95	74.00	-28.05	peak			

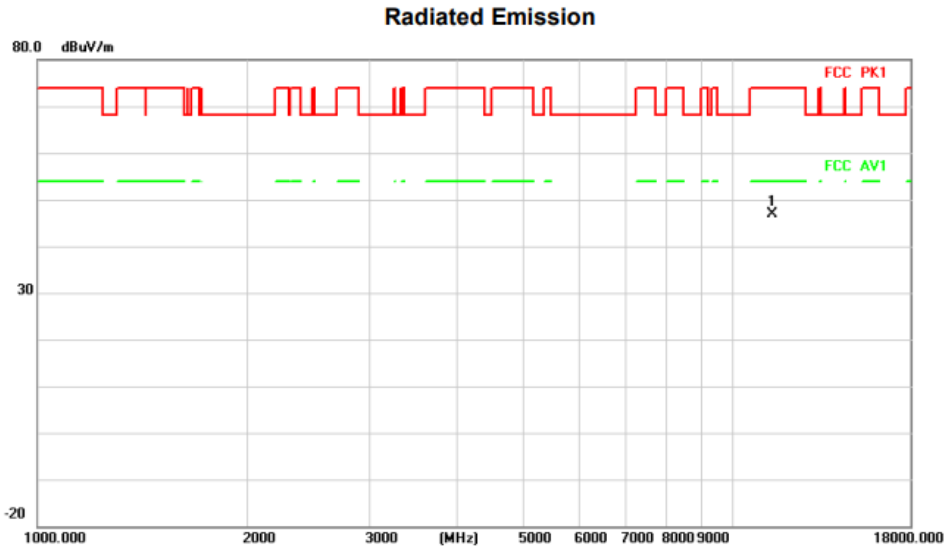
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	33.76	9.88	43.64	74.00	-30.36	peak			

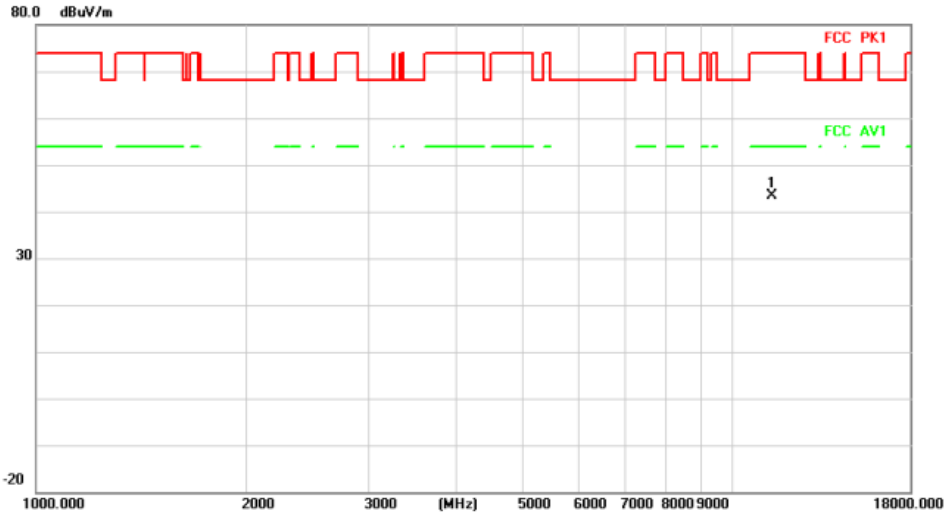
Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:140

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	37.33	9.43	46.76	74.00	-27.24	peak			

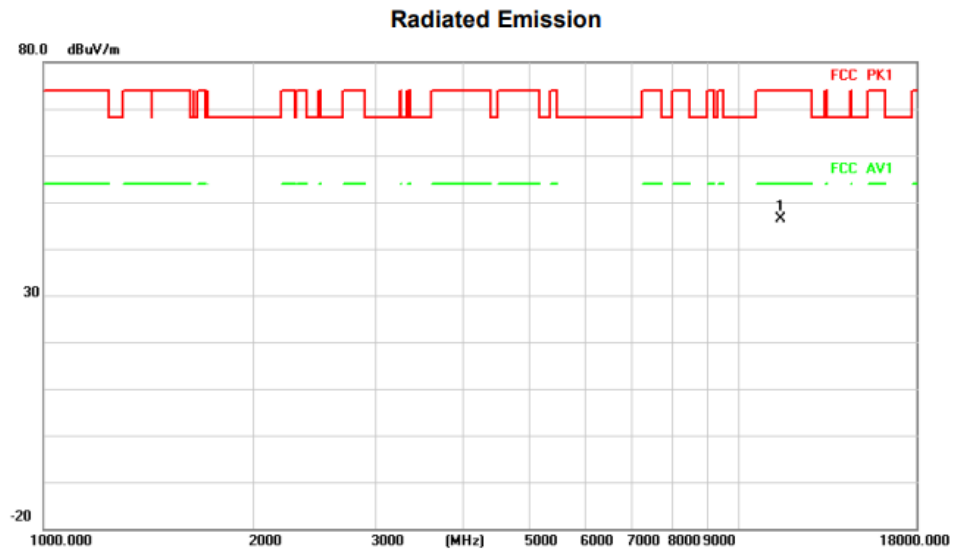
HORIZONTA



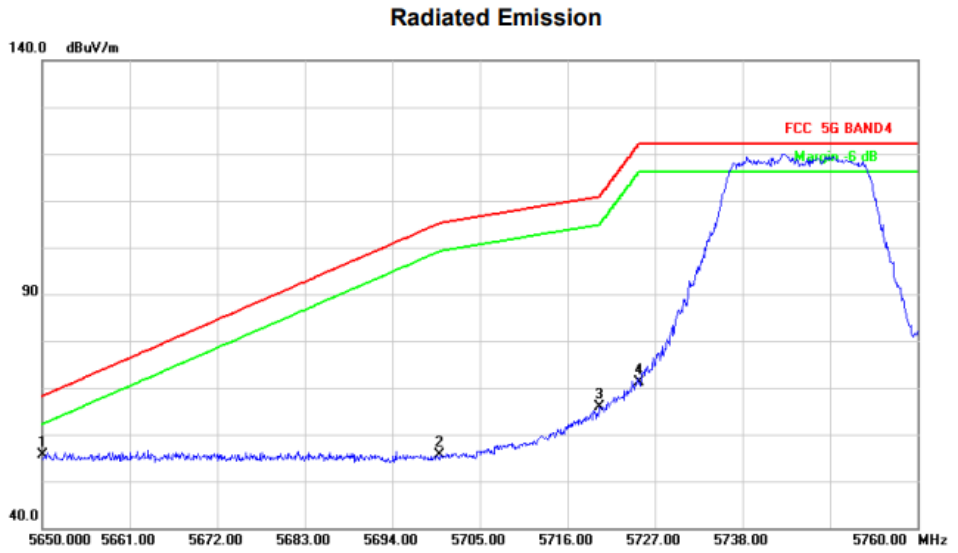
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	33.99	9.43	43.42	74.00	-30.58	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:149

VERTICAL



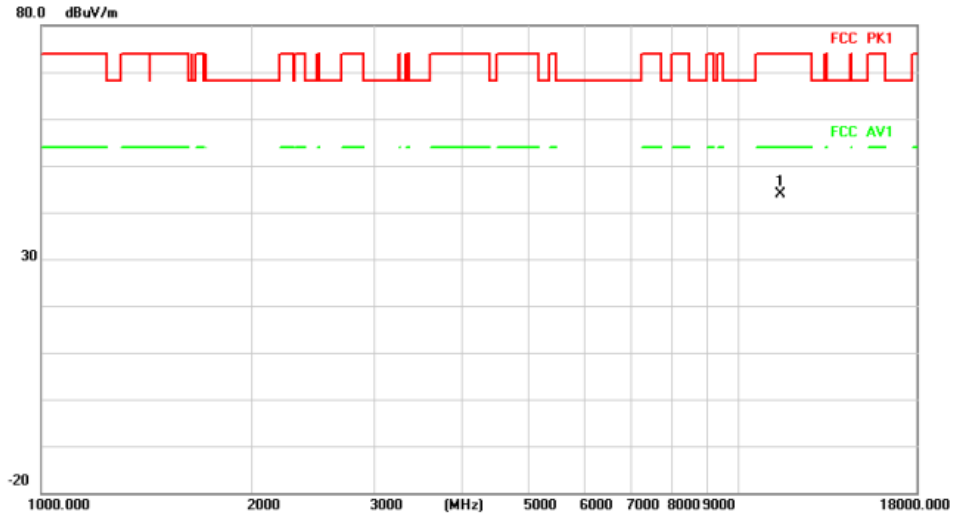
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	36.57	9.70	46.27	74.00	-27.73	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	46.54	9.16	55.70	68.20	-12.50	peak			
2		5700.000	46.45	9.10	55.55	105.20	-49.65	peak			
3		5720.000	56.68	9.08	65.76	110.80	-45.04	peak			
4		5725.000	61.96	9.08	71.04	122.20	-51.16	peak			

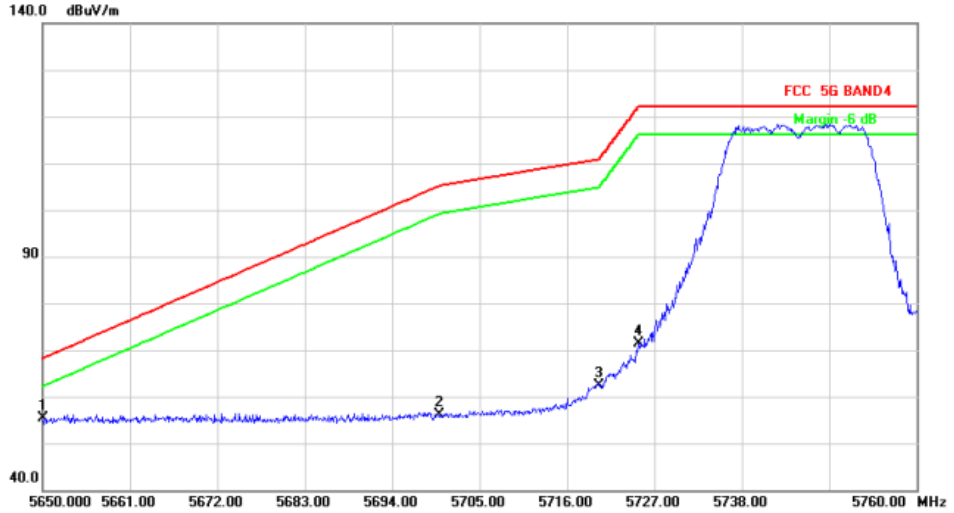
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	34.30	9.70	44.00	74.00	-30.00	peak			

Radiated Emission

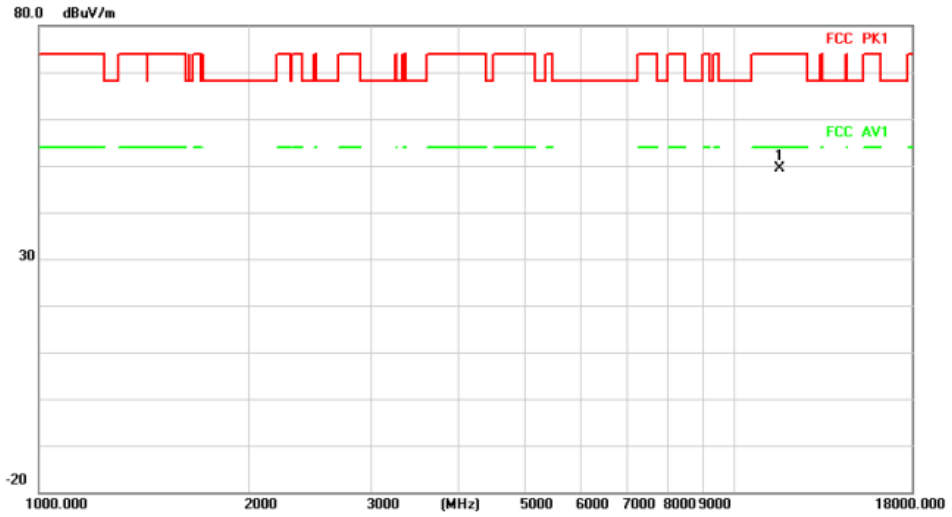


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	46.11	9.16	55.27	68.20	-12.93	peak			
2		5700.000	47.02	9.10	56.12	105.20	-49.08	peak			
3		5720.000	53.42	9.08	62.50	110.80	-48.30	peak			
4		5725.000	62.20	9.08	71.28	122.20	-50.92	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:157

VERTICAL

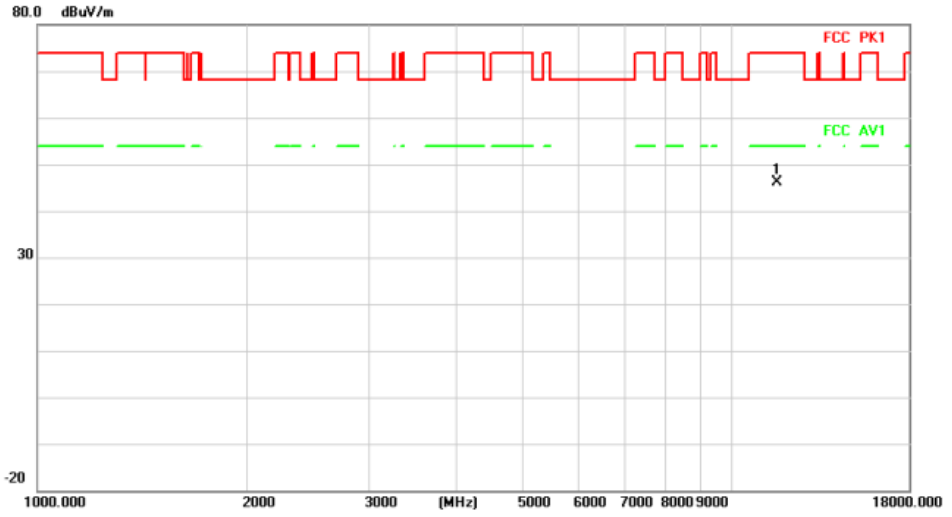
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	39.45	9.94	49.39	74.00	-24.61	peak			

HORIZONTA

Radiated Emission

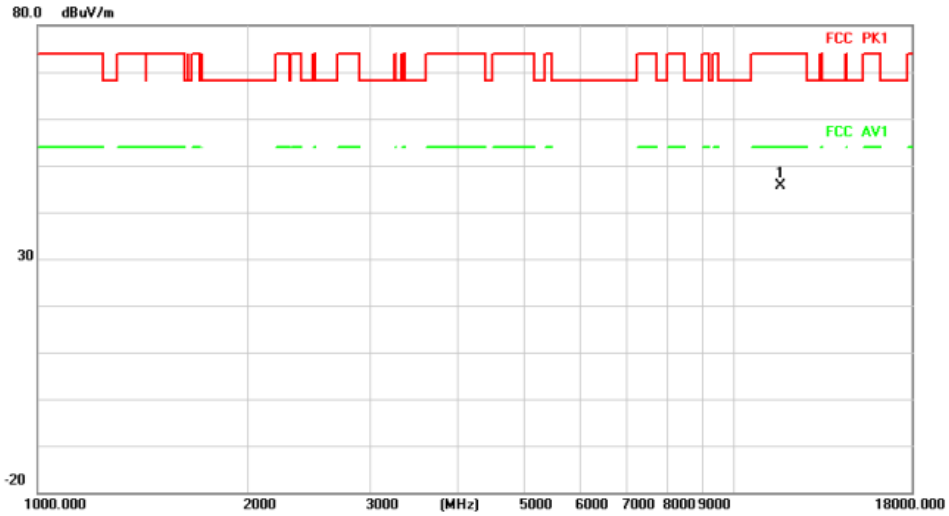


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	36.27	9.94	46.21	74.00	-27.79	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20	Test Channel:165

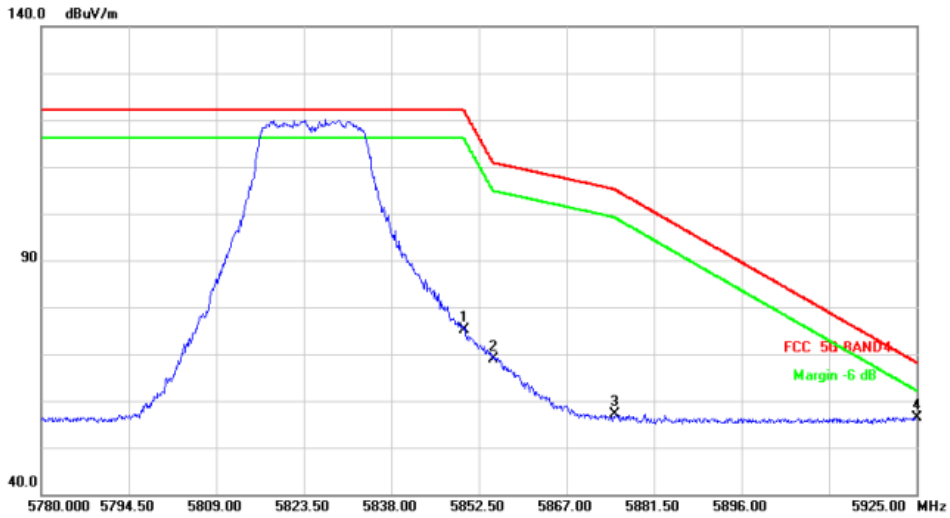
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	35.55	10.18	45.73	74.00	-28.27	peak			

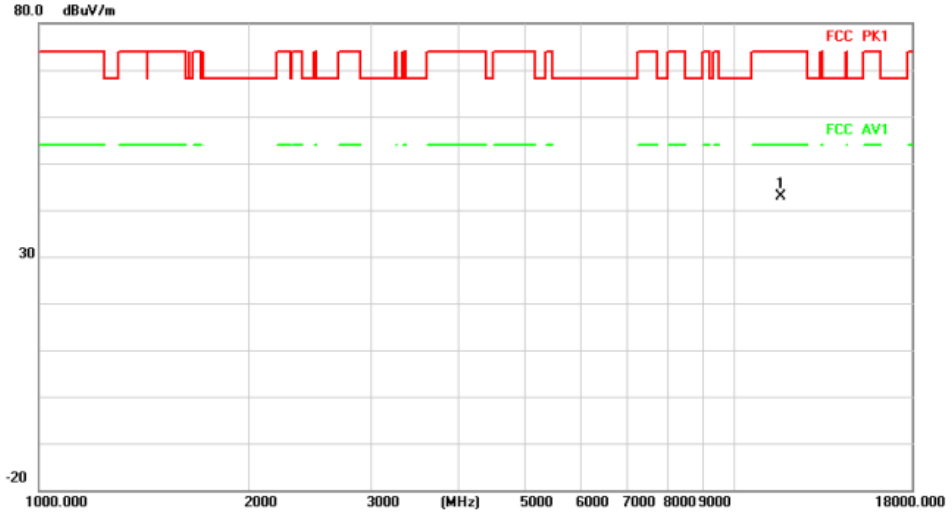
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	65.88	9.24	75.12	122.20	-47.08	peak			
2		5855.000	59.58	9.26	68.84	110.80	-41.96	peak			
3		5875.000	47.65	9.36	57.01	105.20	-48.19	peak			
4	*	5925.000	46.67	9.61	56.28	68.20	-11.92	peak			

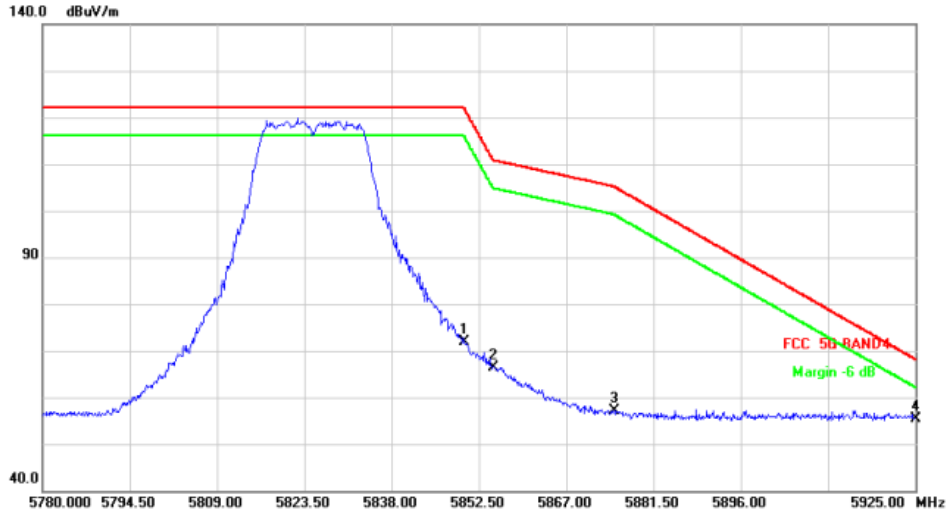
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	32.72	10.18	42.90	74.00	-31.10	peak			

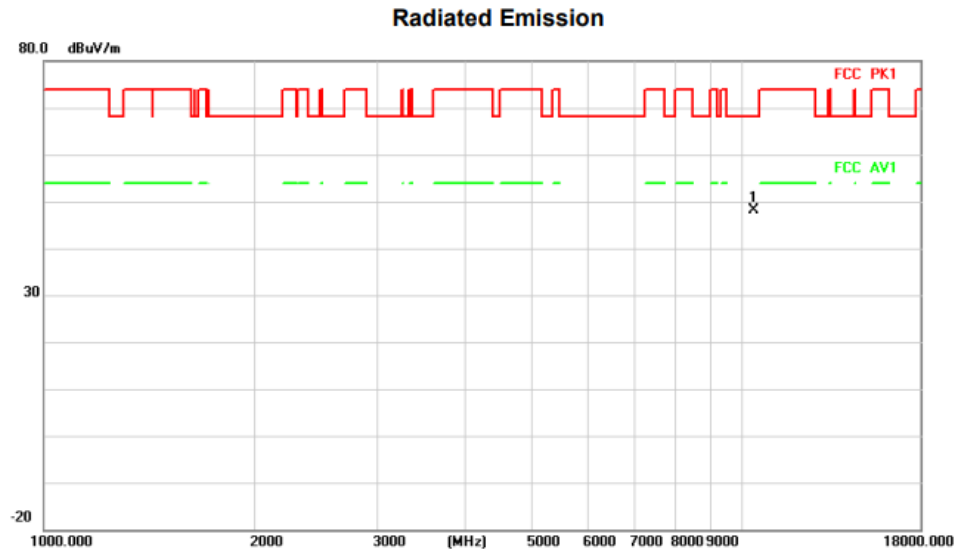
Radiated Emission



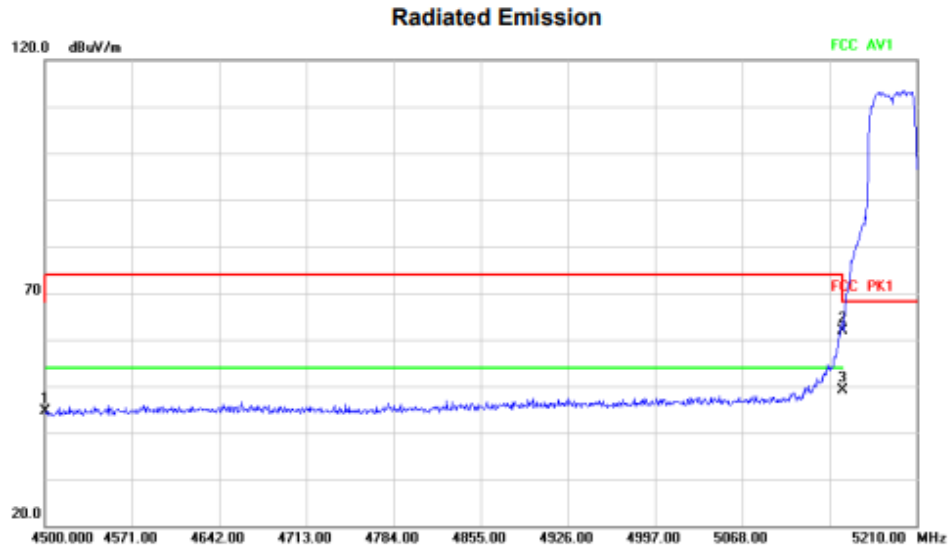
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	62.74	9.24	71.98	122.20	-50.22	peak			
2		5855.000	57.15	9.26	66.41	110.80	-44.39	peak			
3		5875.000	47.88	9.36	57.24	105.20	-47.96	peak			
4	*	5925.000	45.87	9.61	55.48	68.20	-12.72	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:38

VERTICAL



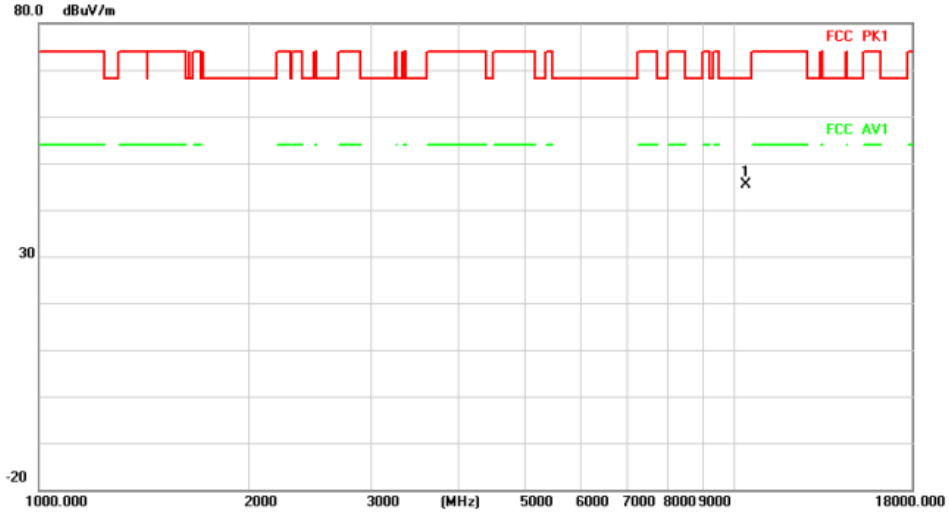
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	38.89	9.24	48.13	68.20	-20.07	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.52	7.17	44.69	68.20	-23.51	peak			
2		5150.000	52.77	9.17	61.94	68.20	-6.26	peak			
3	*	5150.000	39.97	9.17	49.14	54.00	-4.86	AVG			

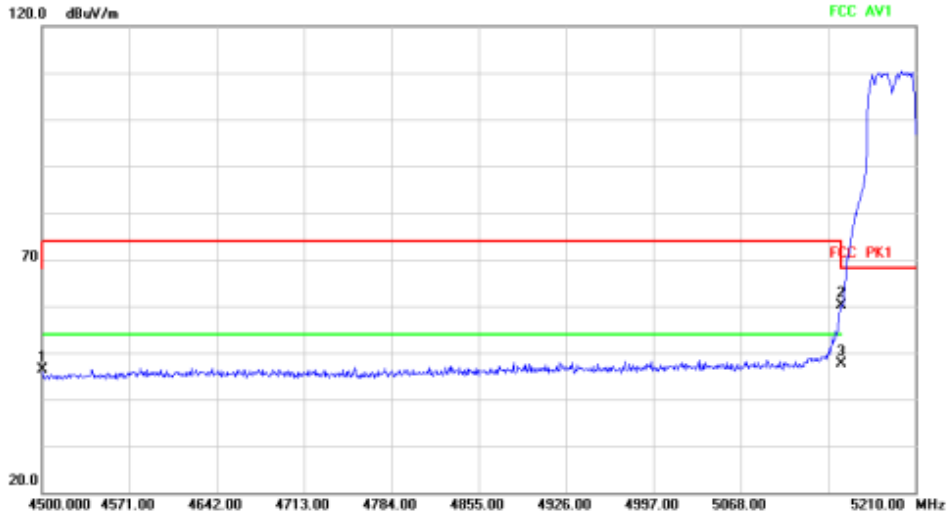
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	36.09	9.24	45.33	68.20	-22.87	peak			

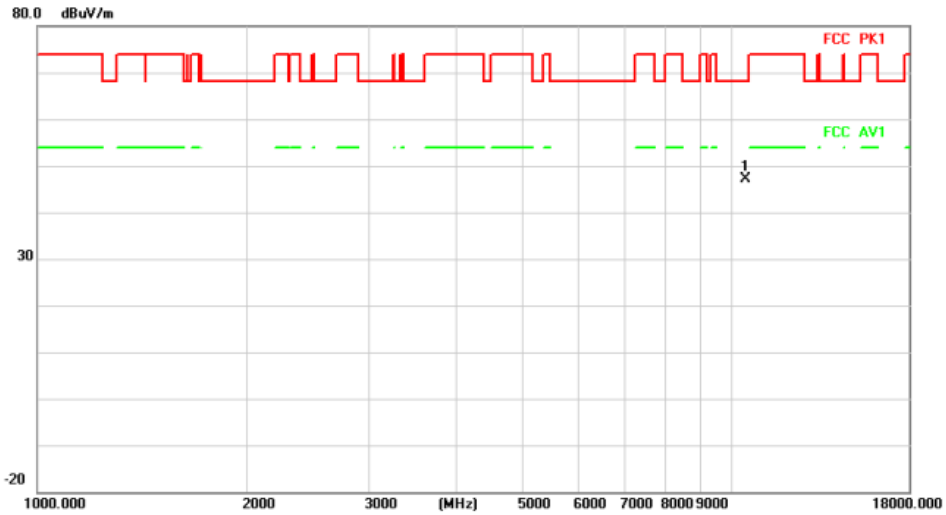
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	39.09	7.17	46.26	68.20	-21.94	peak			
2		5150.000	50.97	9.17	60.14	68.20	-8.06	peak			
3	*	5150.000	38.57	9.17	47.74	54.00	-6.26	AVG			

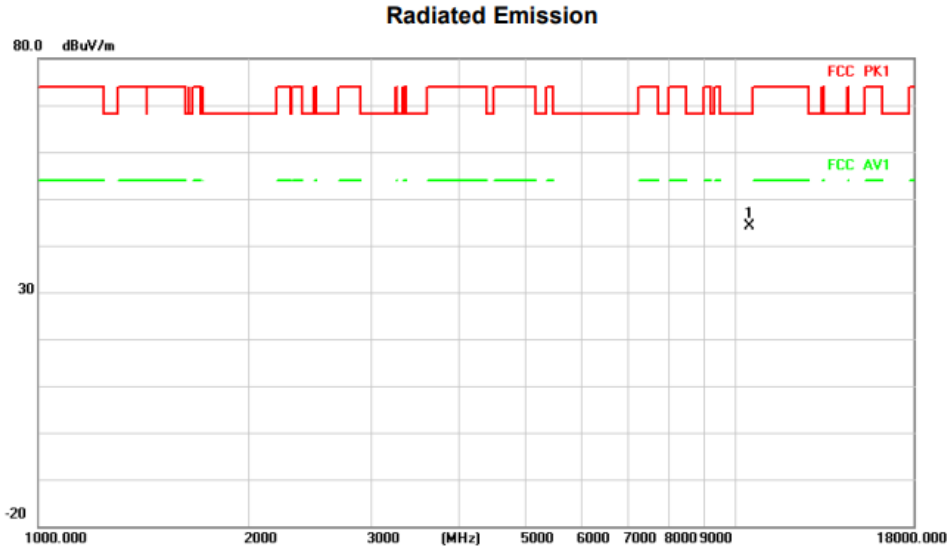
Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:46

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10460.000	37.76	9.34	47.10	68.20	-21.10	peak			

HORIZONTA

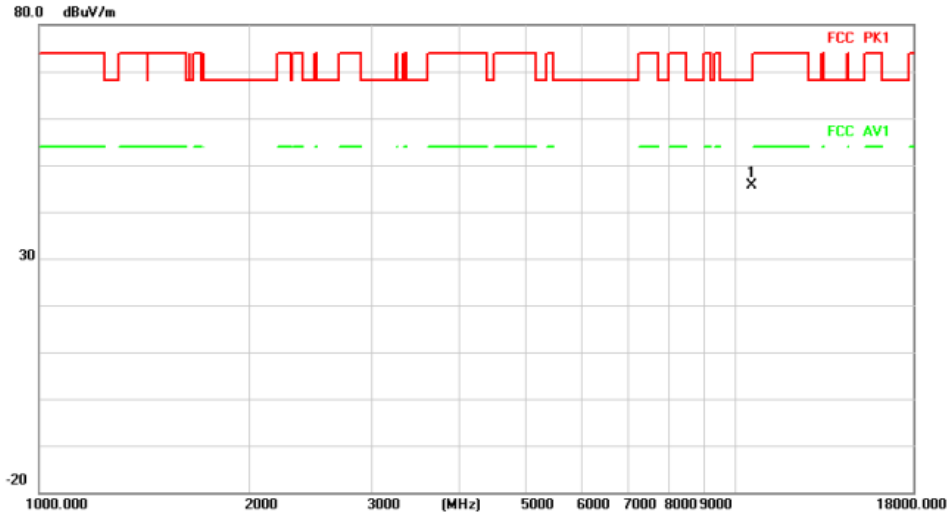


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10460.000	34.70	9.34	44.04	68.20	-24.16	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:54

VERTICAL

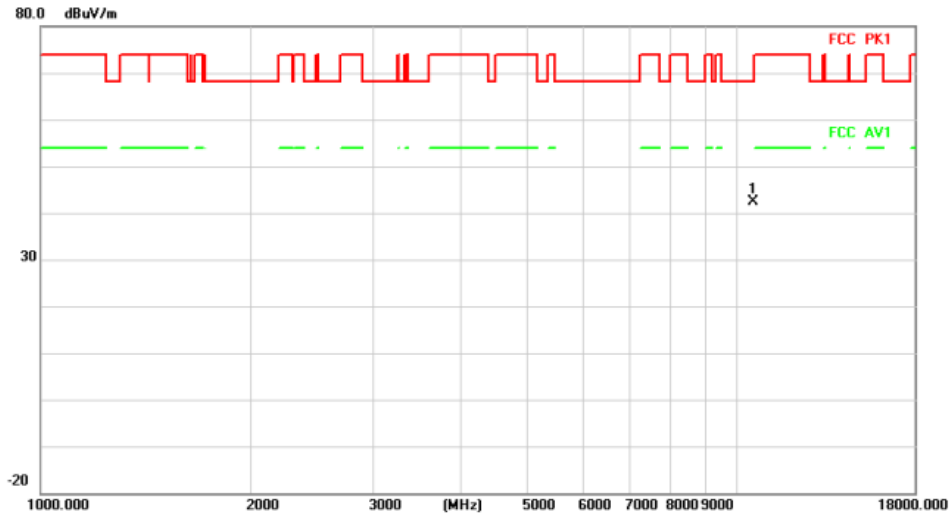
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10540.000	36.25	9.44	45.69	68.20	-22.51	peak			

HORIZONTA

Radiated Emission

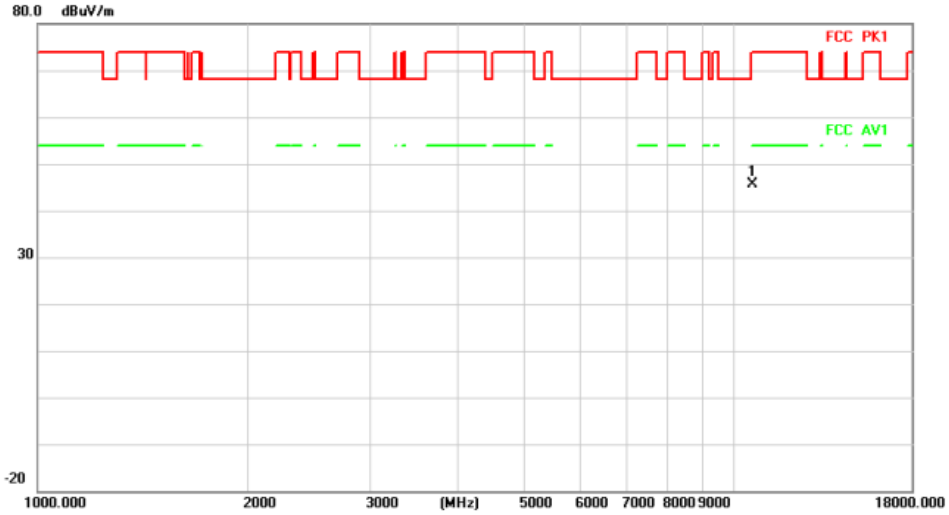


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10540.000	32.90	9.44	42.34	68.20	-25.86	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:62

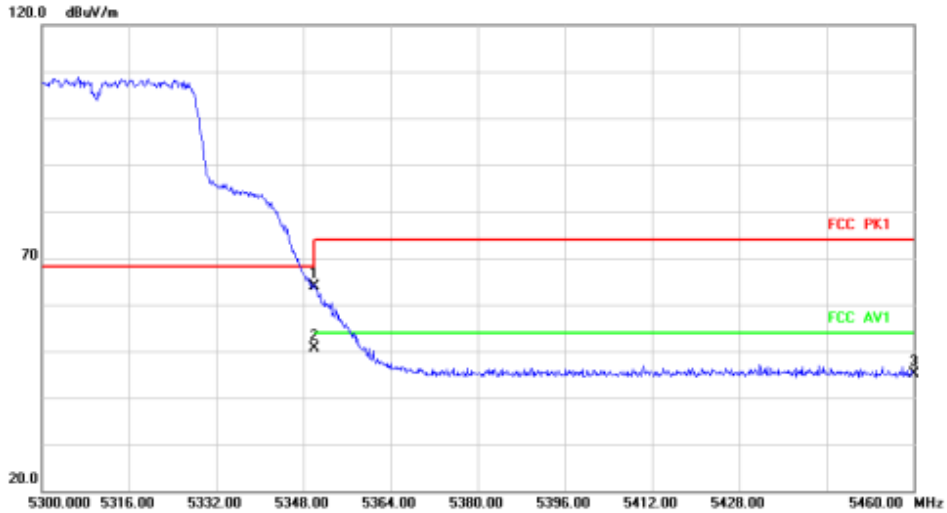
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	36.10	9.54	45.64	74.00	-28.36	peak			

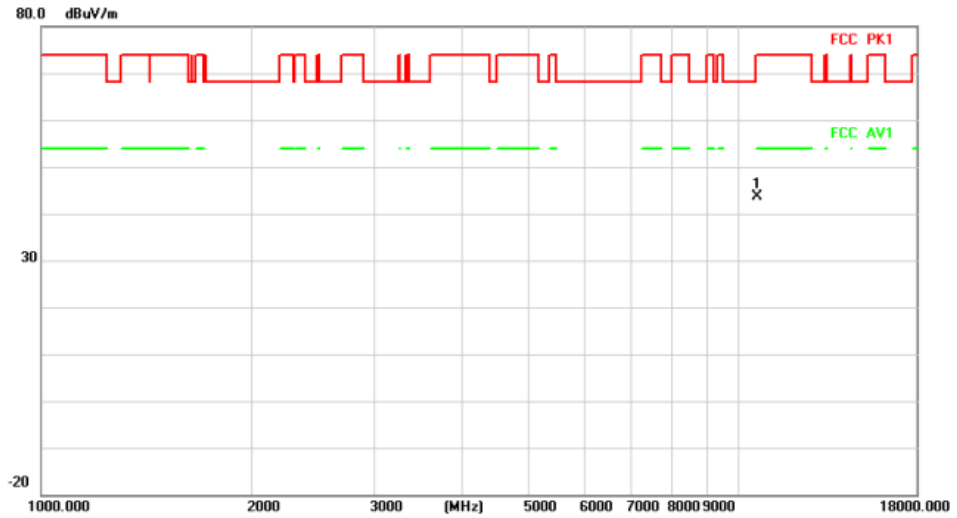
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	54.60	9.30	63.90	68.20	-4.30	peak			
2	*	5350.000	41.38	9.30	50.68	54.00	-3.32	AVG			
3		5460.000	35.80	9.31	45.11	68.20	-23.09	peak			

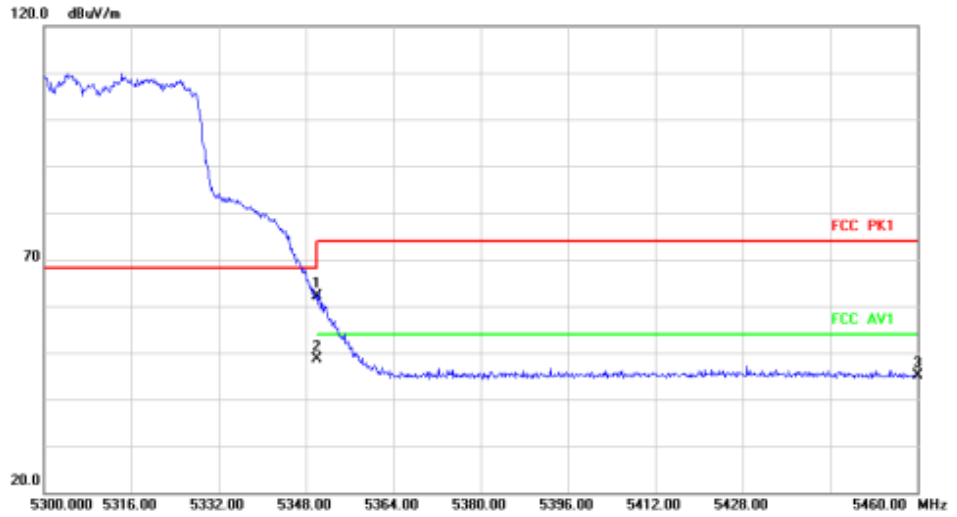
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	34.13	9.54	43.67	74.00	-30.33	peak			

Radiated Emission

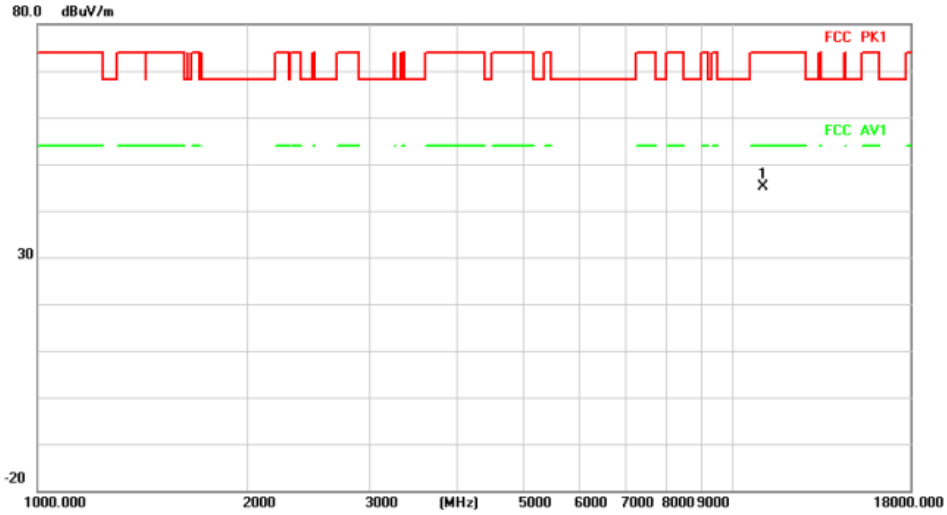


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	52.72	9.30	62.02	68.20	-6.18	peak			
2	*	5350.000	39.42	9.30	48.72	54.00	-5.28	AVG			
3		5460.000	35.79	9.31	45.10	68.20	-23.10	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:102

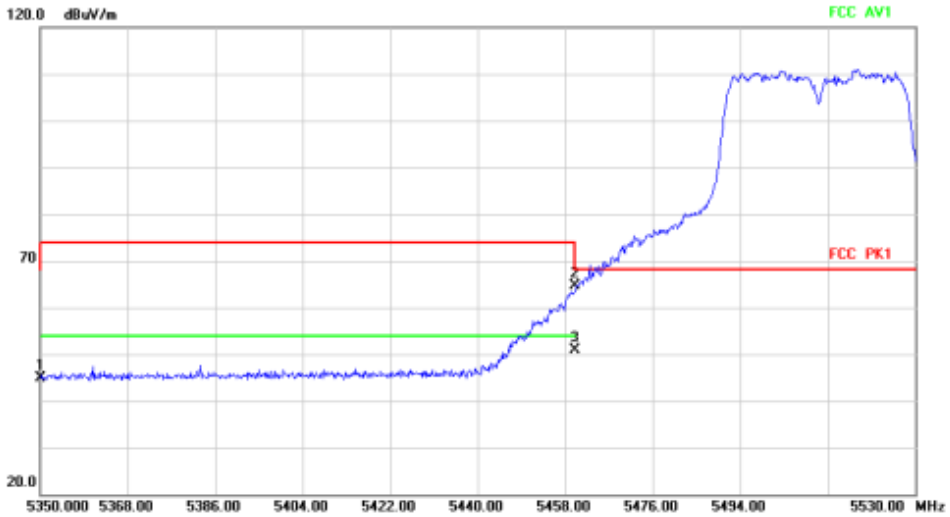
VERTICAL

Radiated Emission



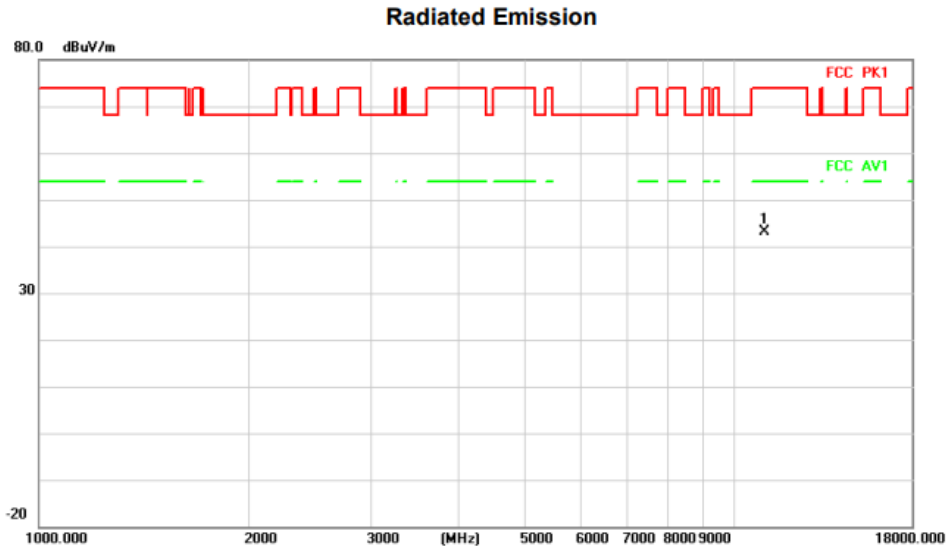
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11020.000	35.05	10.15	45.20	74.00	-28.80	peak			

Radiated Emission

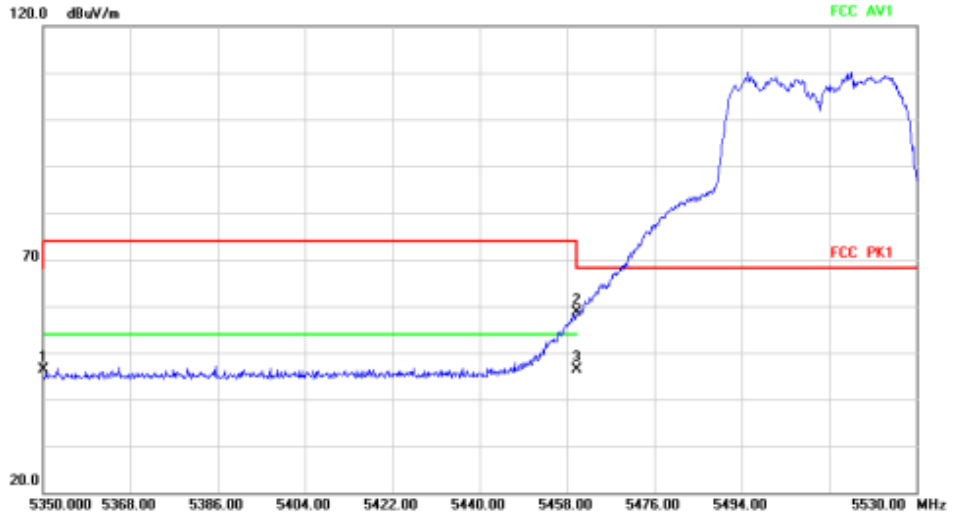


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	35.65	9.30	44.95	68.20	-23.25	peak			
2		5460.000	55.24	9.31	64.55	68.20	-3.65	peak			
3	*	5460.000	41.62	9.31	50.93	54.00	-3.07	AVG			

HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11020.000	33.05	10.15	43.20	74.00	-30.80	peak			

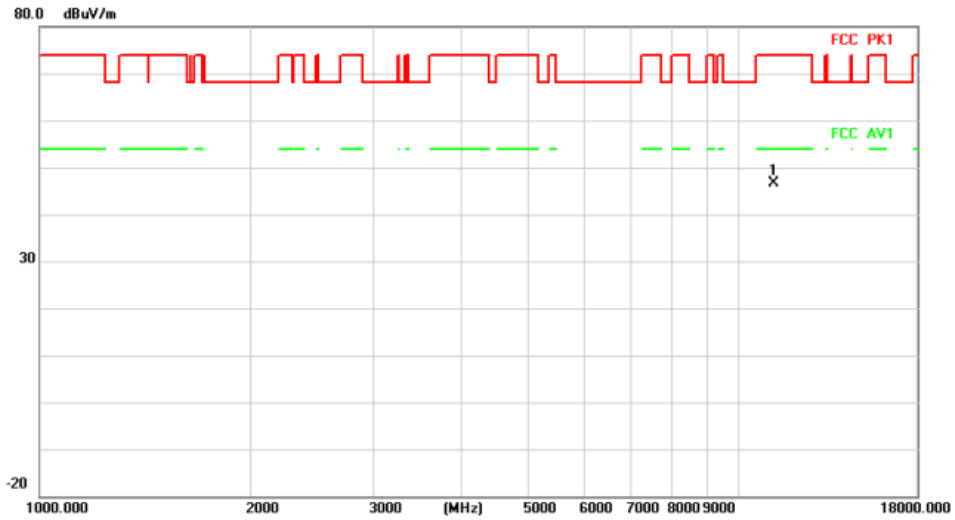


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	37.07	9.30	46.37	68.20	-21.83	peak			
2		5460.000	49.29	9.31	58.60	68.20	-9.60	peak			
3	*	5460.000	37.04	9.31	46.35	54.00	-7.65	AVG			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:112

VERTICAL

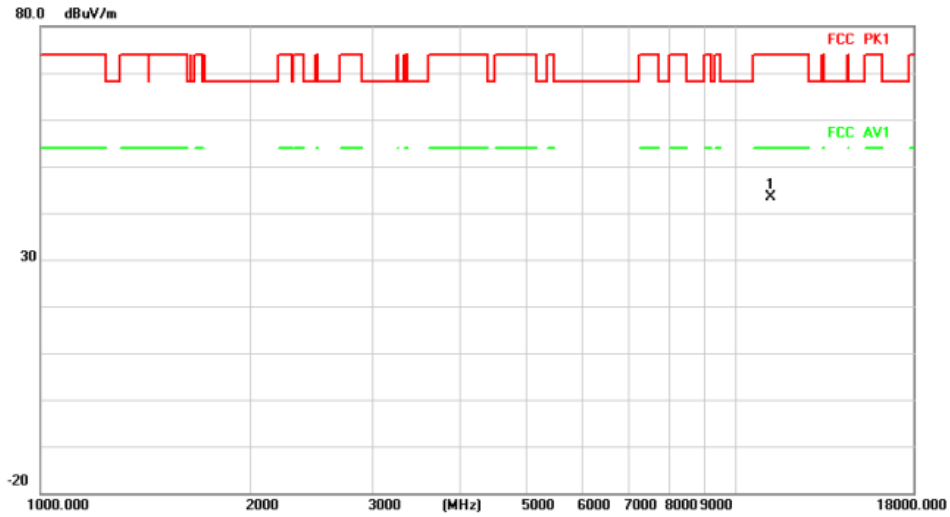
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11180.000	36.67	9.84	46.51	74.00	-27.49	peak			

HORIZONTA

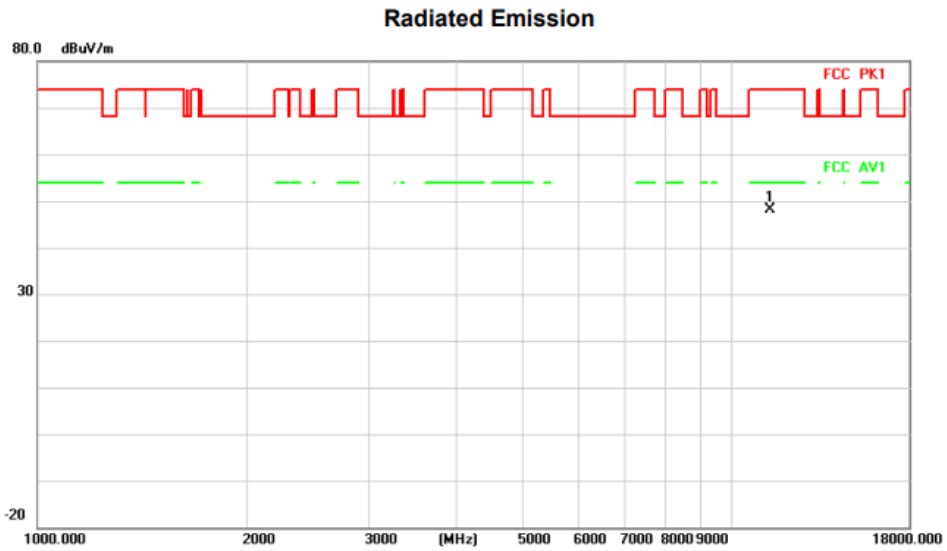
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11180.000	33.51	9.84	43.35	74.00	-30.65	peak			

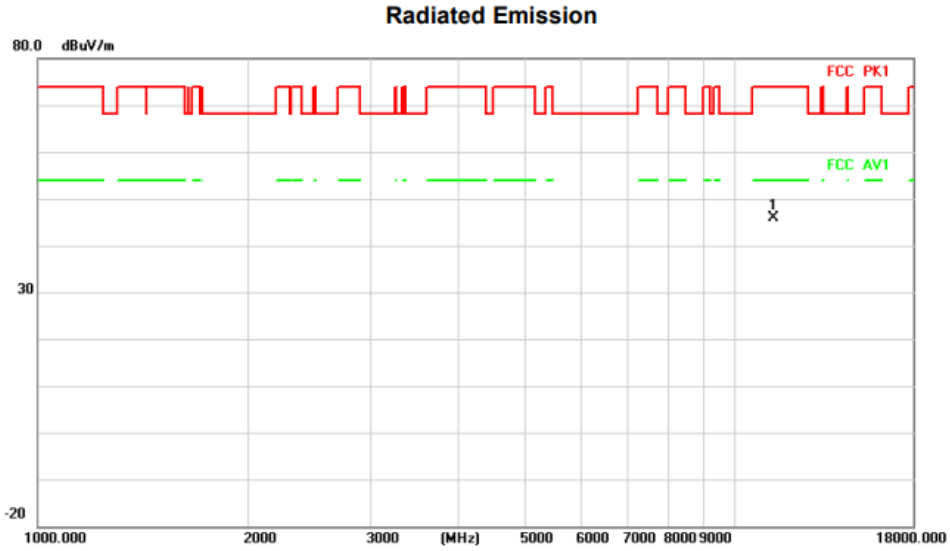
Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:134

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11340.000	38.52	9.54	48.06	74.00	-25.94	peak			

HORIZONTA

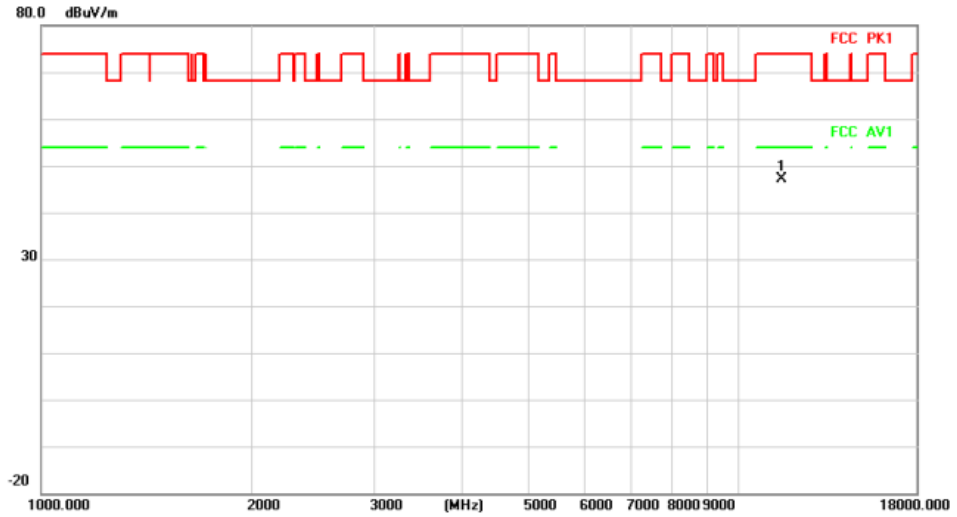


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11340.000	36.26	9.54	45.80	74.00	-28.20	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:151

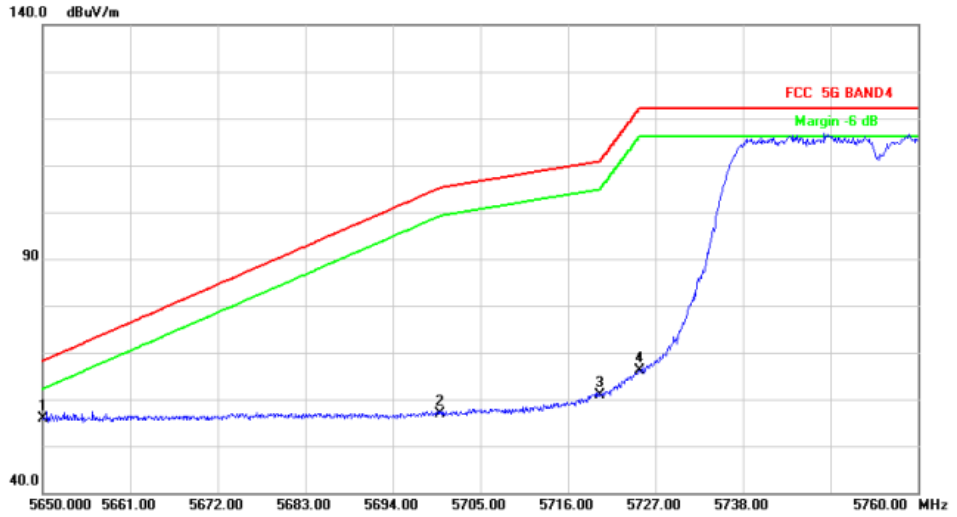
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11510.000	37.43	9.76	47.19	74.00	-26.81	peak			

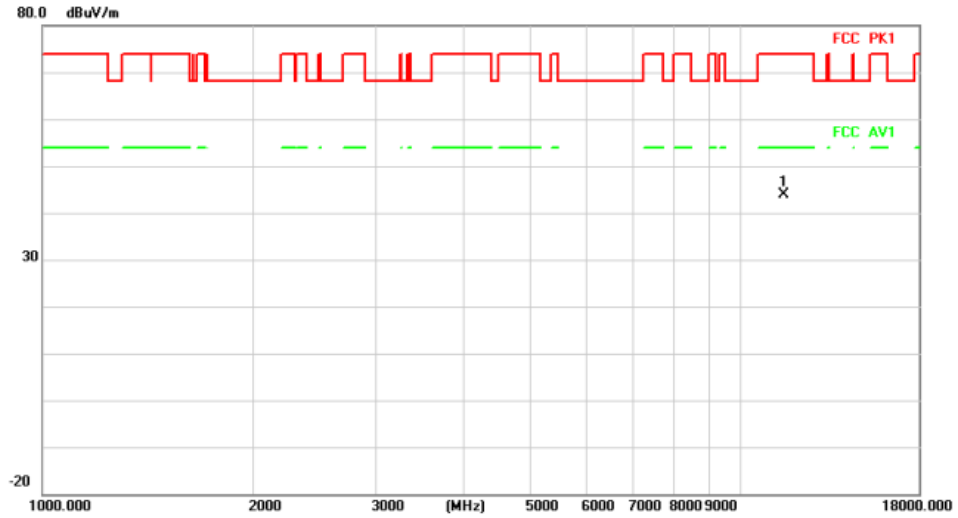
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	46.79	9.16	55.95	68.20	-12.25	peak			
2		5700.000	47.70	9.10	56.80	105.20	-48.40	peak			
3		5720.000	51.83	9.08	60.91	110.80	-49.89	peak			
4		5725.000	57.06	9.08	66.14	122.20	-56.06	peak			

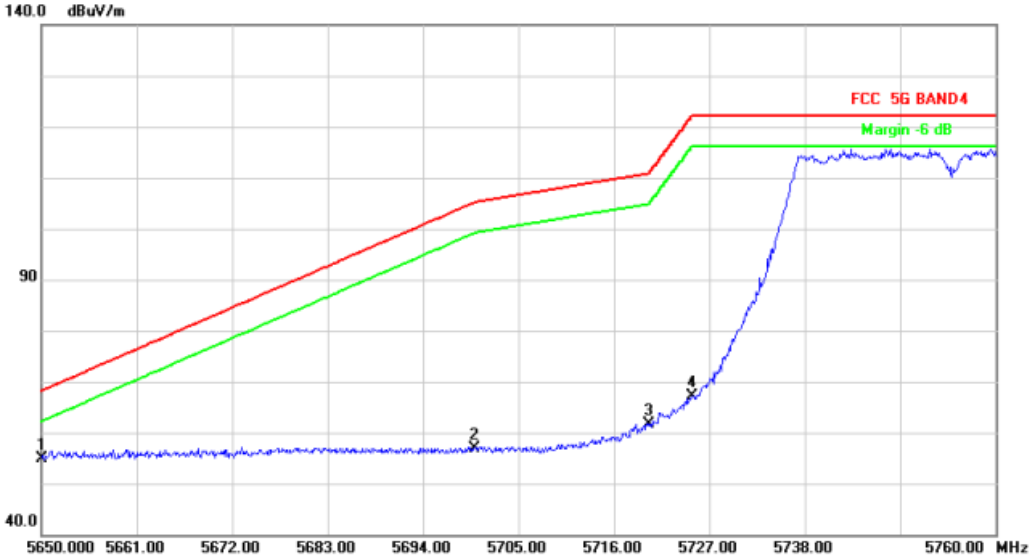
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11510.000	34.24	9.76	44.00	74.00	-30.00	peak			

Radiated Emission

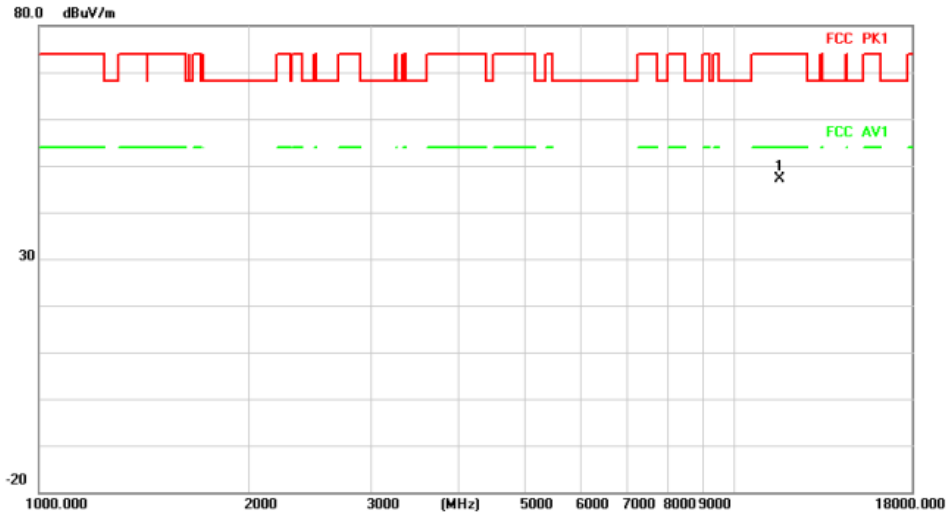


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	45.67	9.16	54.83	68.20	-13.37	peak			
2		5700.000	47.85	9.10	56.95	105.20	-48.25	peak			
3		5720.000	52.53	9.08	61.61	110.80	-49.19	peak			
4		5725.000	58.00	9.08	67.08	122.20	-55.12	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40	Test Channel:159

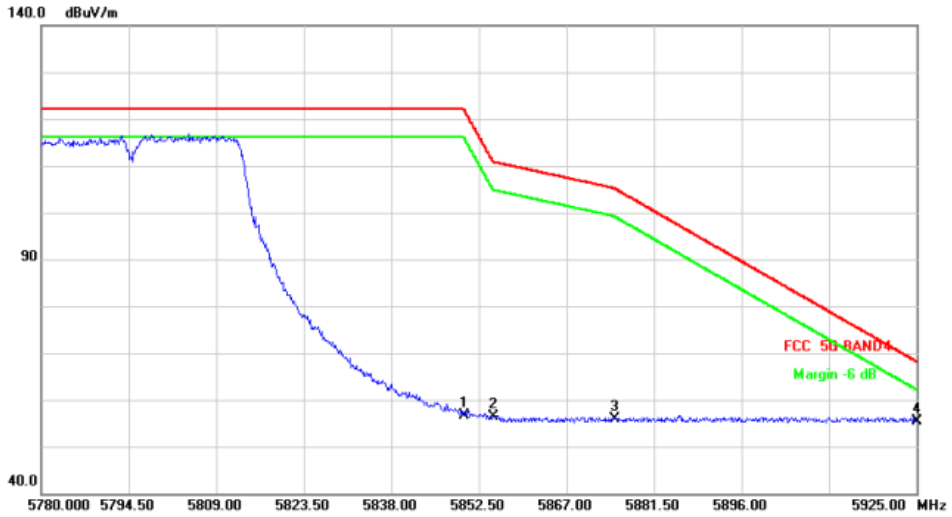
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11590.000	37.21	9.99	47.20	74.00	-26.80	peak			

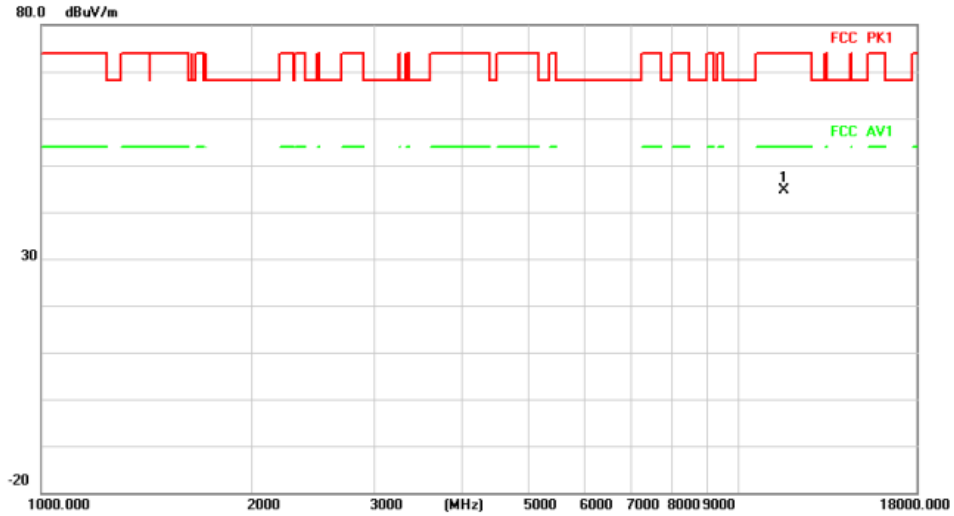
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	47.51	9.24	56.75	122.20	-65.45	peak			
2		5855.000	47.18	9.26	56.44	110.80	-54.36	peak			
3		5875.000	46.50	9.36	55.86	105.20	-49.34	peak			
4	*	5925.000	45.67	9.61	55.28	68.20	-12.92	peak			

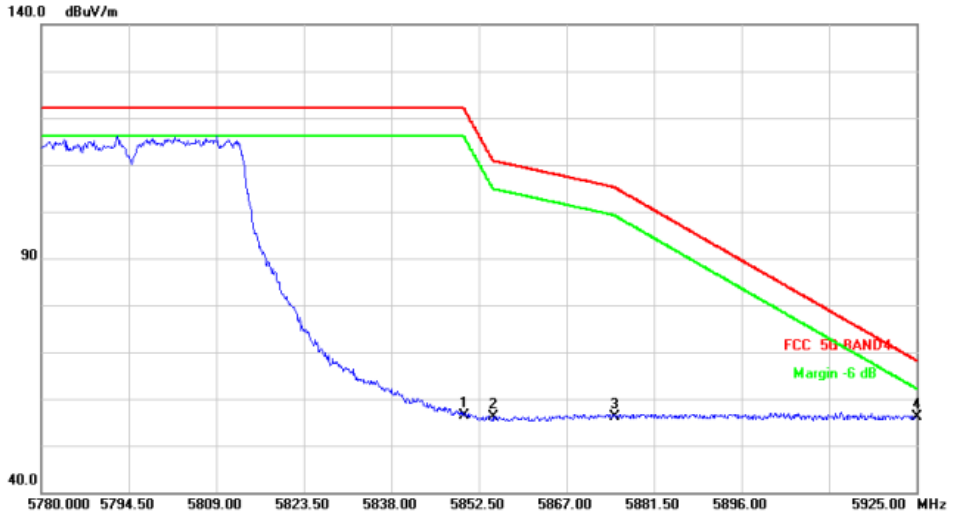
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11590.000	34.54	9.99	44.53	74.00	-29.47	peak			

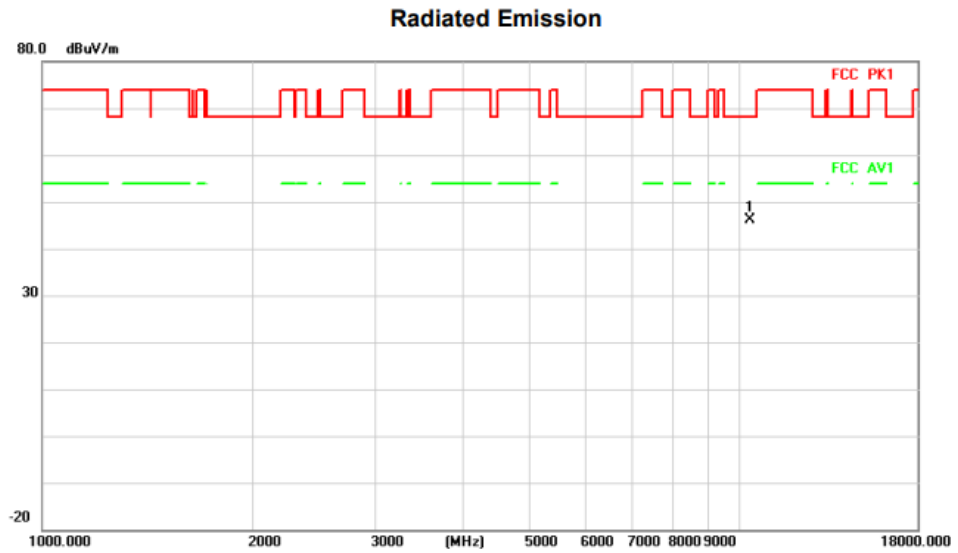
Radiated Emission



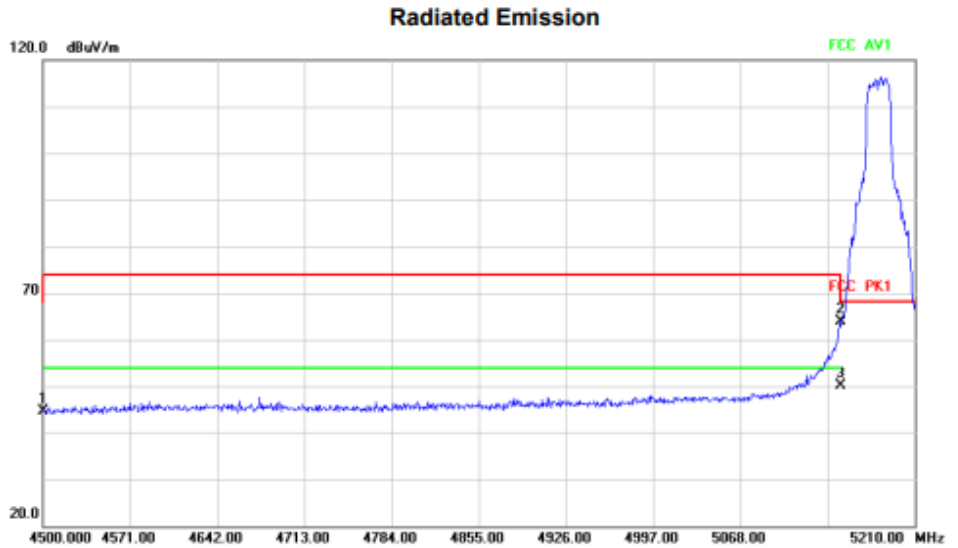
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	47.12	9.24	56.36	122.20	-65.84	peak			
2		5855.000	46.81	9.26	56.07	110.80	-54.73	peak			
3		5875.000	46.87	9.36	56.23	105.20	-48.97	peak			
4	*	5925.000	46.52	9.61	56.13	68.20	-12.07	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:36

VERTICAL



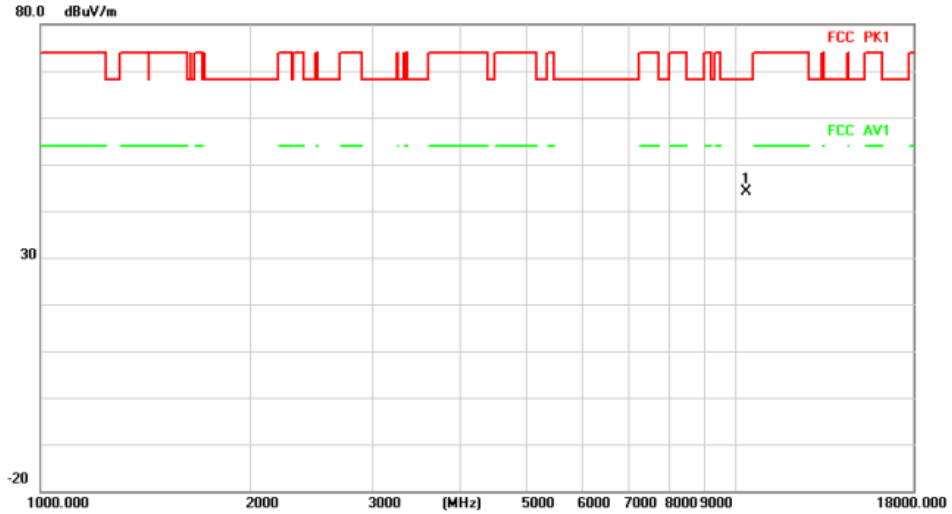
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	36.95	9.21	46.16	68.20	-22.04	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.40	7.17	44.57	68.20	-23.63	peak			
2		5150.000	54.63	9.17	63.80	68.20	-4.40	peak			
3	*	5150.000	40.92	9.17	50.09	54.00	-3.91	AVG			

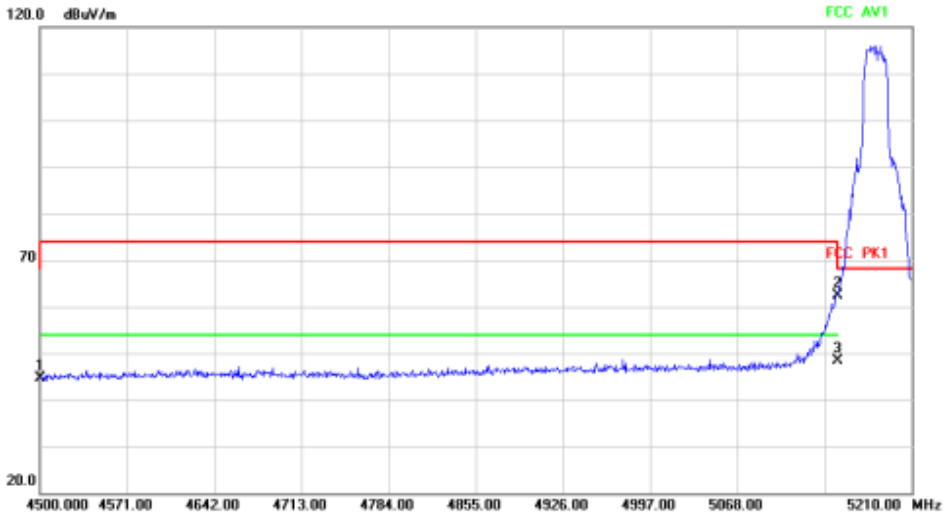
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	35.01	9.21	44.22	68.20	-23.98	peak			

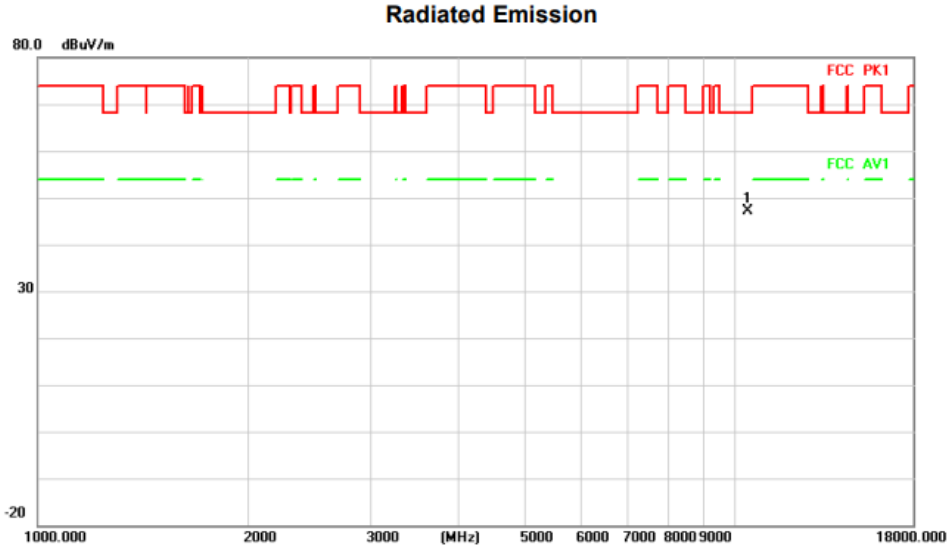
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.53	7.17	44.70	68.20	-23.50	peak			
2		5150.000	53.26	9.17	62.43	68.20	-5.77	peak			
3	*	5150.000	39.30	9.17	48.47	54.00	-5.53	AVG			

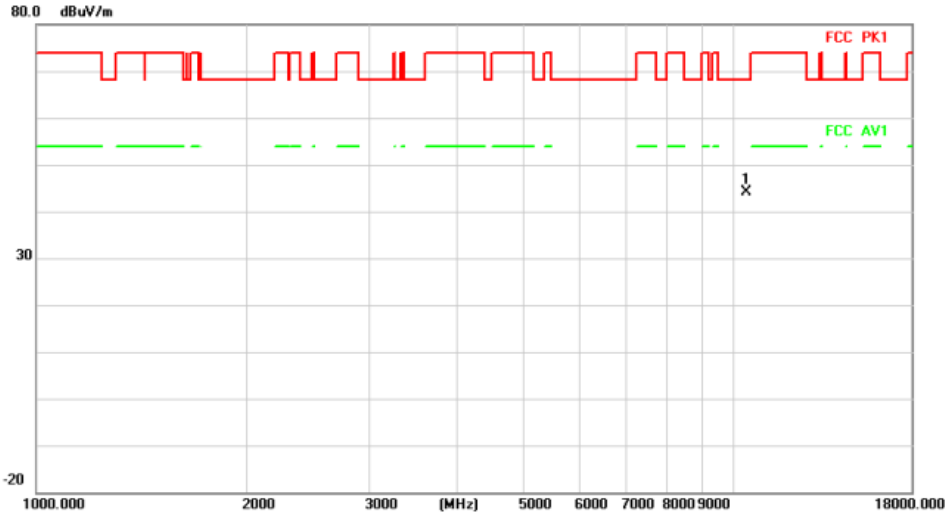
Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:40

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	37.93	9.26	47.19	68.20	-21.01	peak			

HORIZONTA

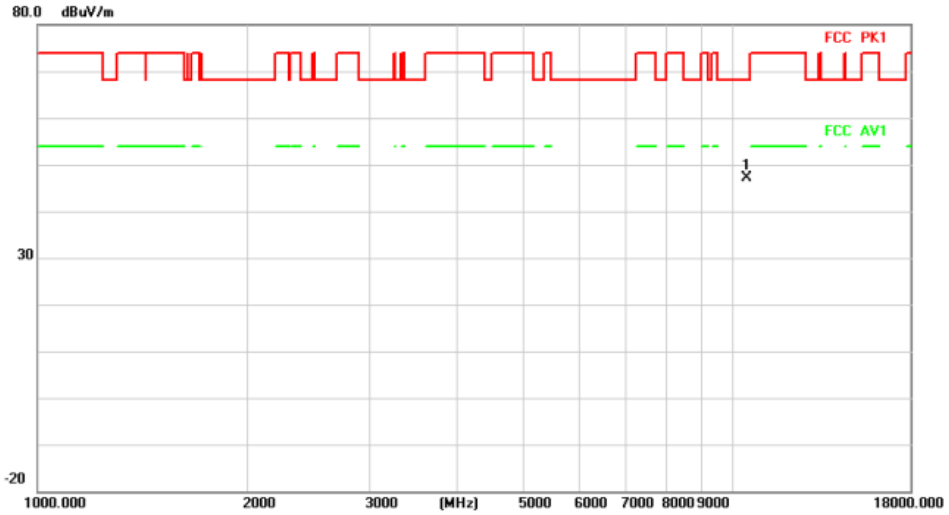


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10400.000	34.91	9.26	44.17	68.20	-24.03	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:48

VERTICAL

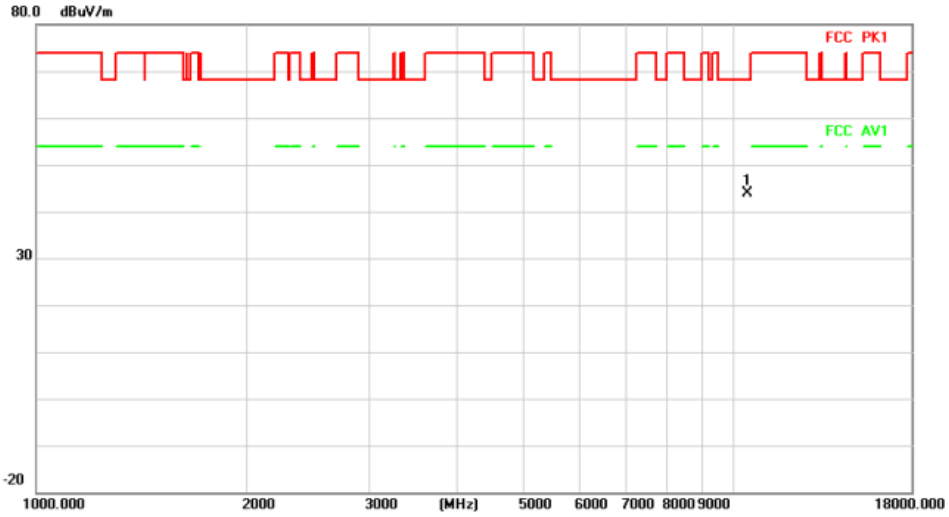
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	37.65	9.37	47.02	68.20	-21.18	peak			

HORIZONTA

Radiated Emission

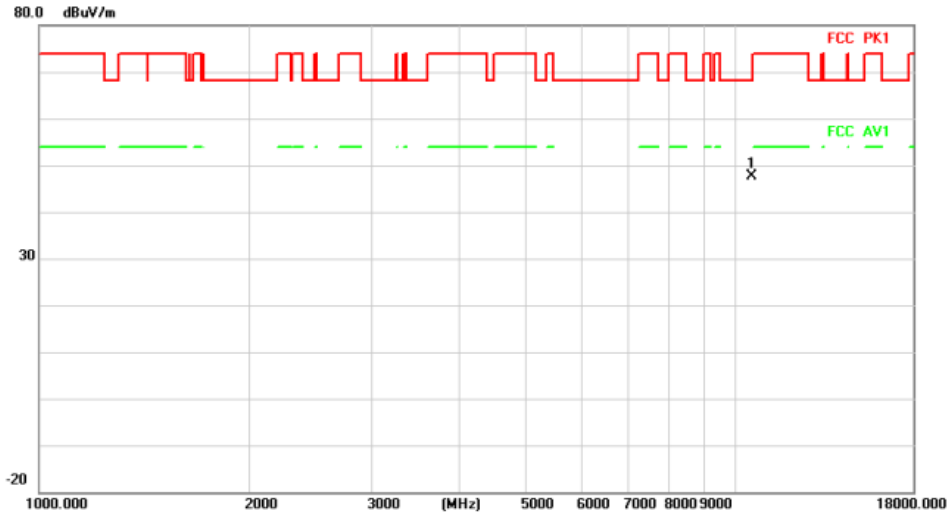


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.000	34.51	9.37	43.88	68.20	-24.32	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:52

VERTICAL

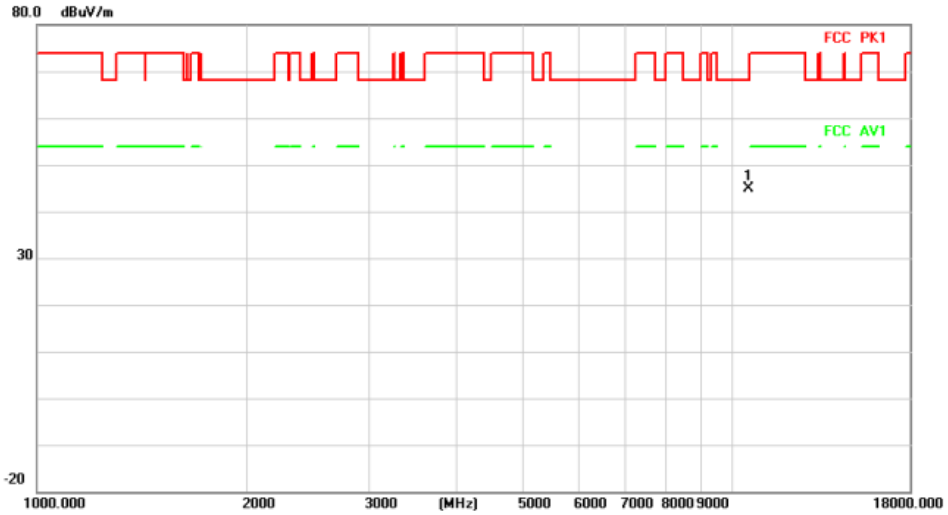
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	38.22	9.41	47.63	68.20	-20.57	peak			

HORIZONTA

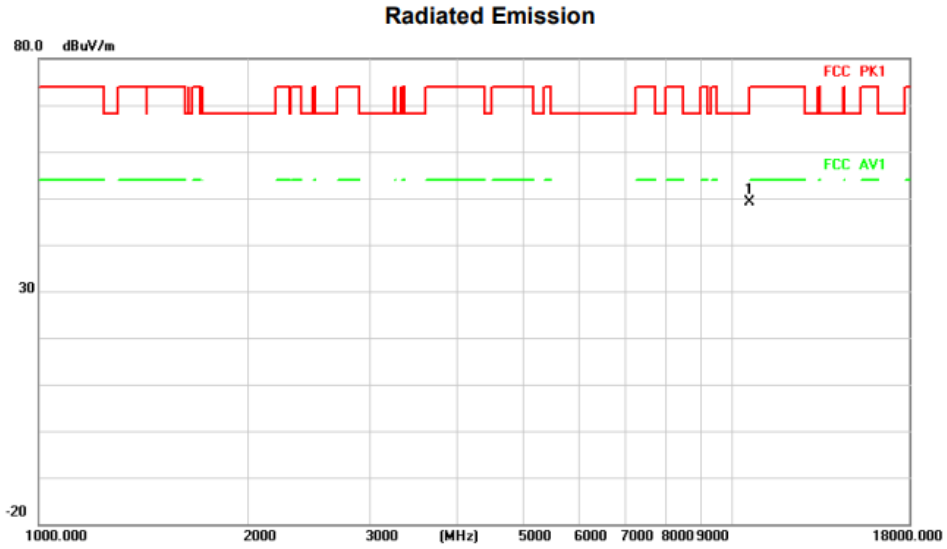
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10520.000	35.40	9.41	44.81	68.20	-23.39	peak			

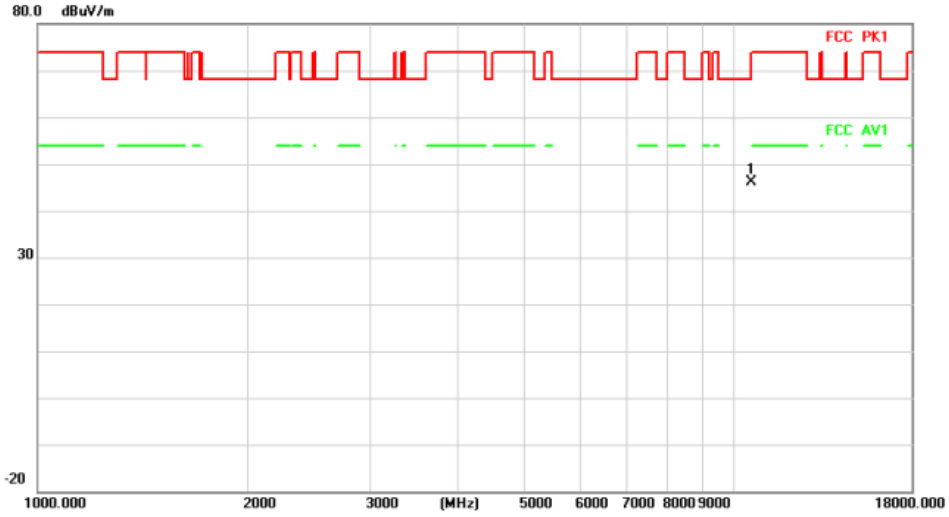
Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:56

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	39.76	9.46	49.22	68.20	-18.98	peak			

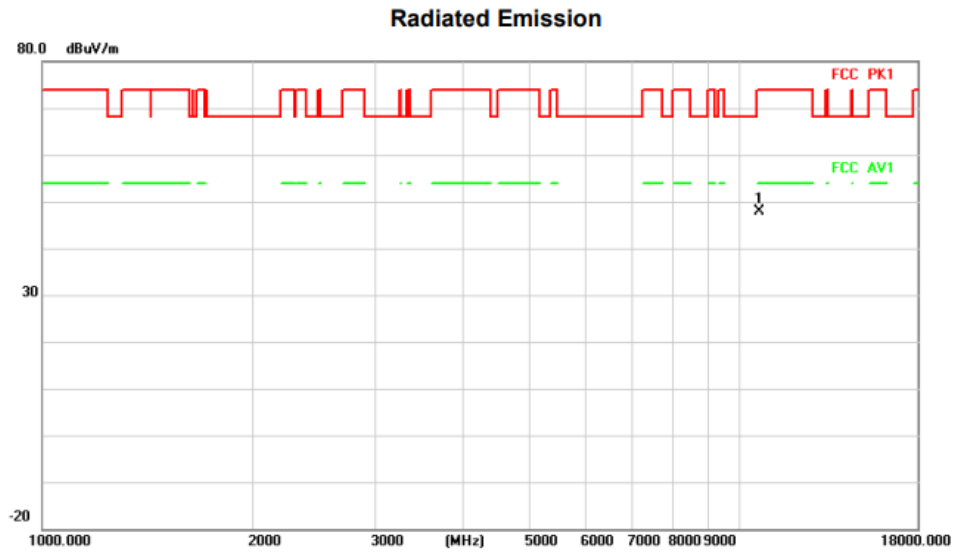
HORIZONTA



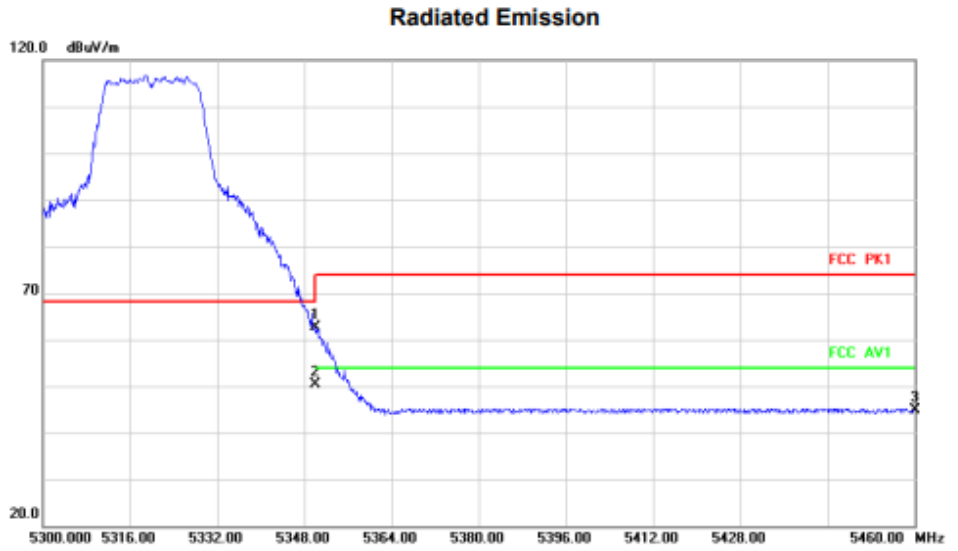
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	36.55	9.46	46.01	68.20	-22.19	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:64

VERTICAL



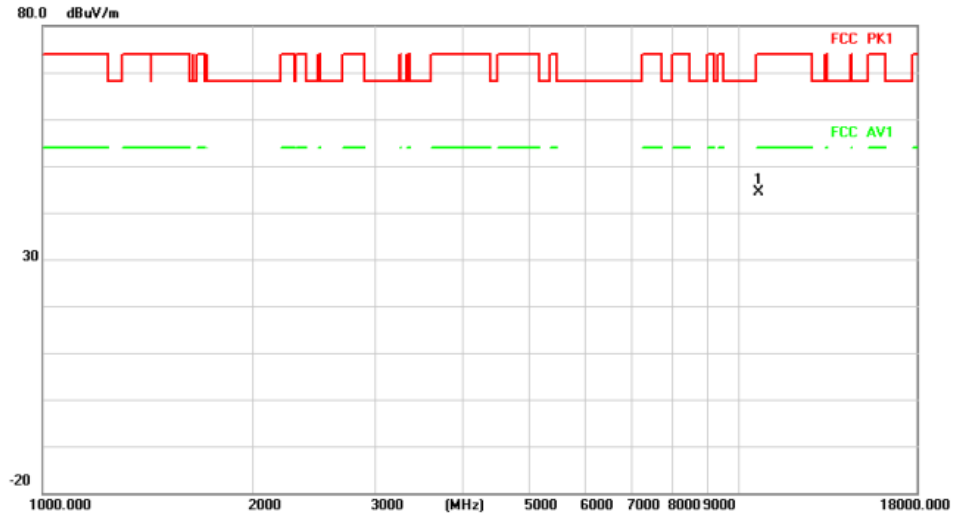
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	38.21	9.58	47.79	74.00	-26.21	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	53.41	9.30	62.71	68.20	-5.49	peak			
2	*	5350.000	41.19	9.30	50.49	54.00	-3.51	AVG			
3		5460.000	35.63	9.31	44.94	68.20	-23.26	peak			

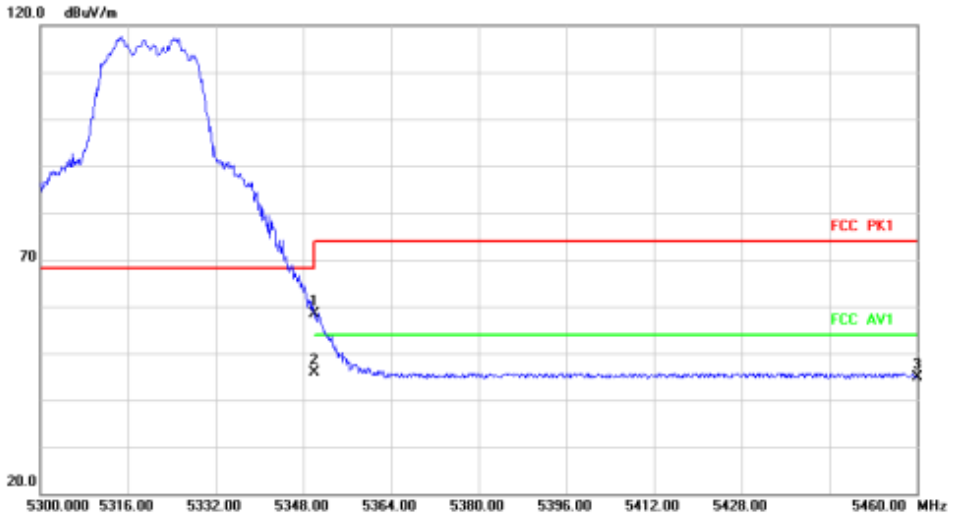
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	34.91	9.58	44.49	74.00	-29.51	peak			

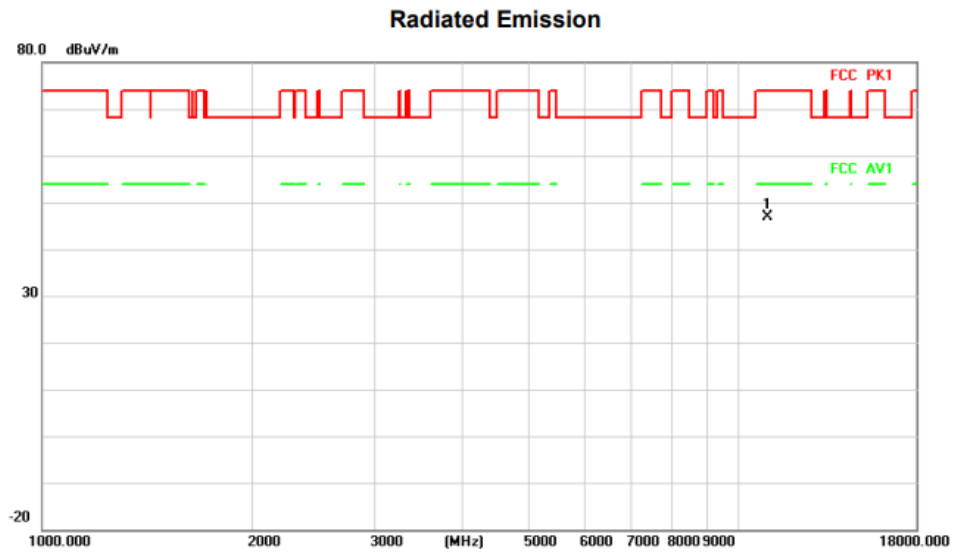
Radiated Emission



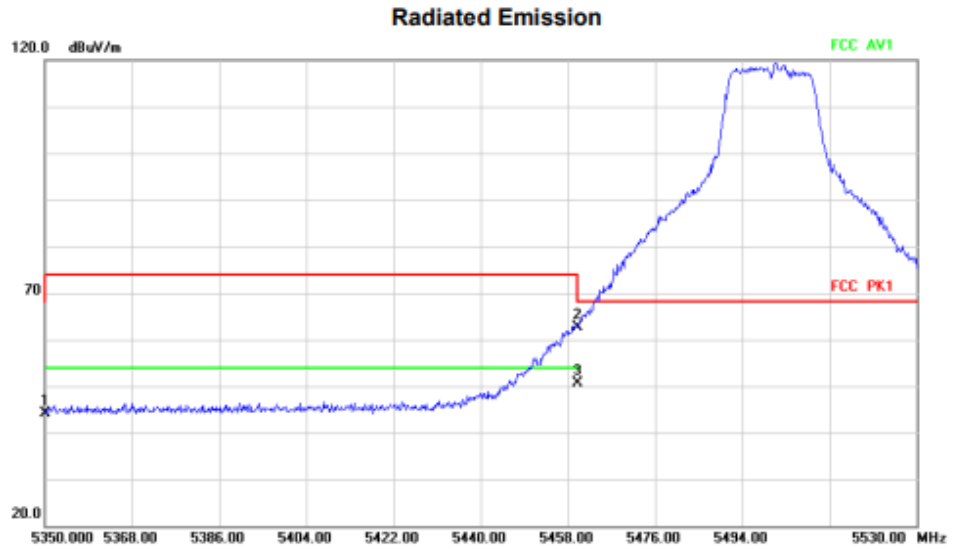
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	49.16	9.30	58.46	68.20	-9.74	peak			
2	*	5350.000	36.57	9.30	45.87	54.00	-8.13	AVG			
3		5460.000	35.57	9.31	44.88	68.20	-23.32	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:100

VERTICAL



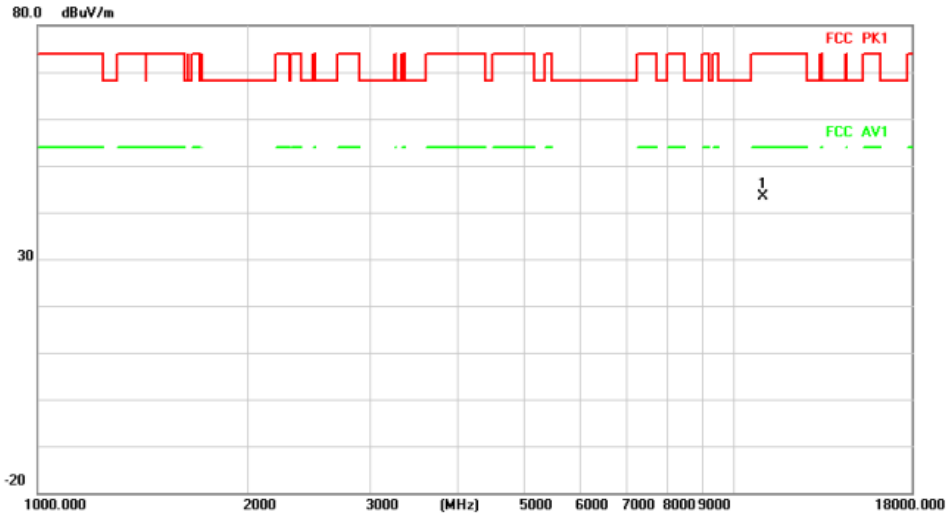
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	36.74	10.18	46.92	74.00	-27.08	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	34.91	9.30	44.21	68.20	-23.99	peak			
2		5460.000	53.42	9.31	62.73	68.20	-5.47	peak			
3	*	5460.000	41.37	9.31	50.68	54.00	-3.32	AVG			

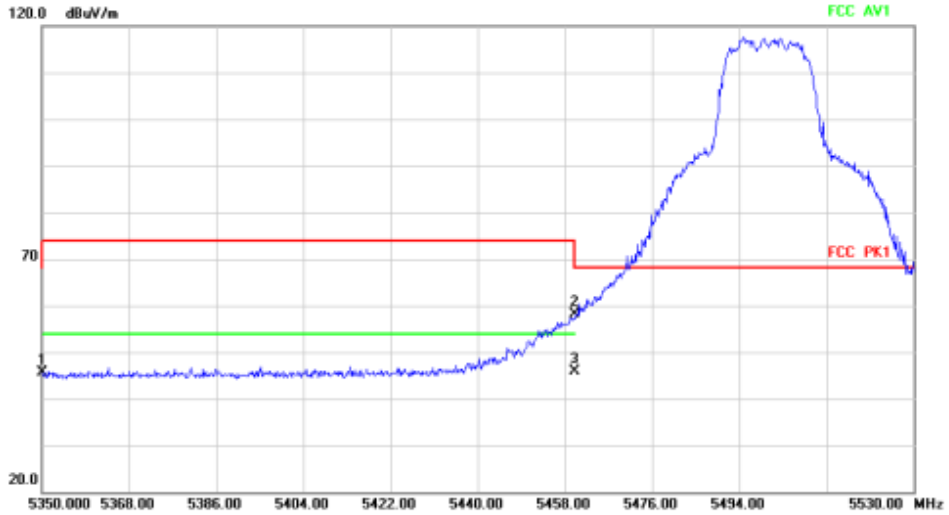
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	33.27	10.18	43.45	74.00	-30.55	peak			

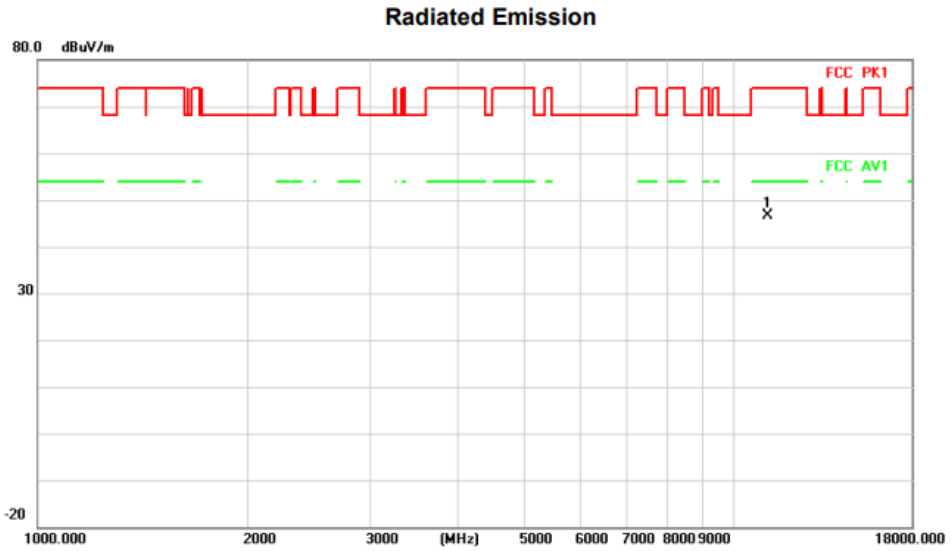
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.39	9.30	45.69	68.20	-22.51	peak			
2		5460.000	48.85	9.31	58.16	68.20	-10.04	peak			
3	*	5460.000	36.58	9.31	45.89	54.00	-8.11	AVG			

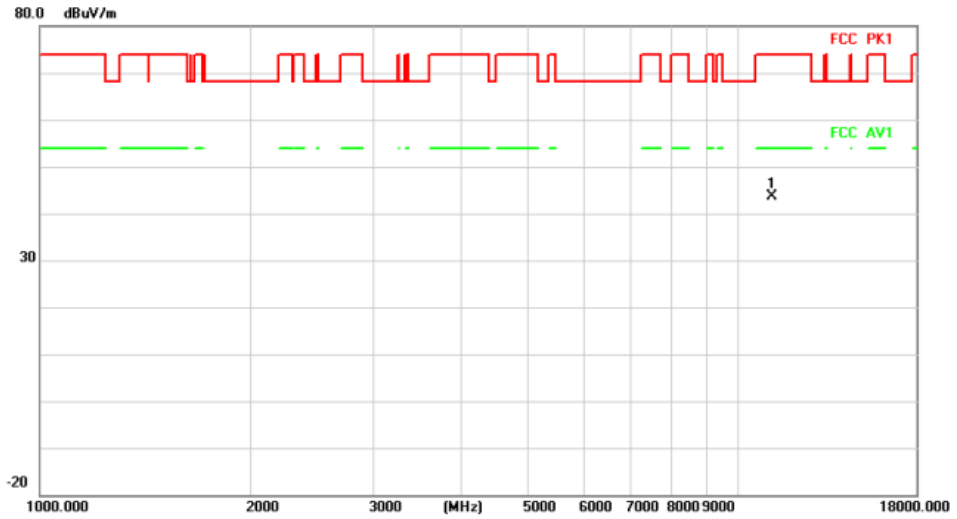
Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:116

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	36.73	9.88	46.61	74.00	-27.39	peak			

HORIZONTA

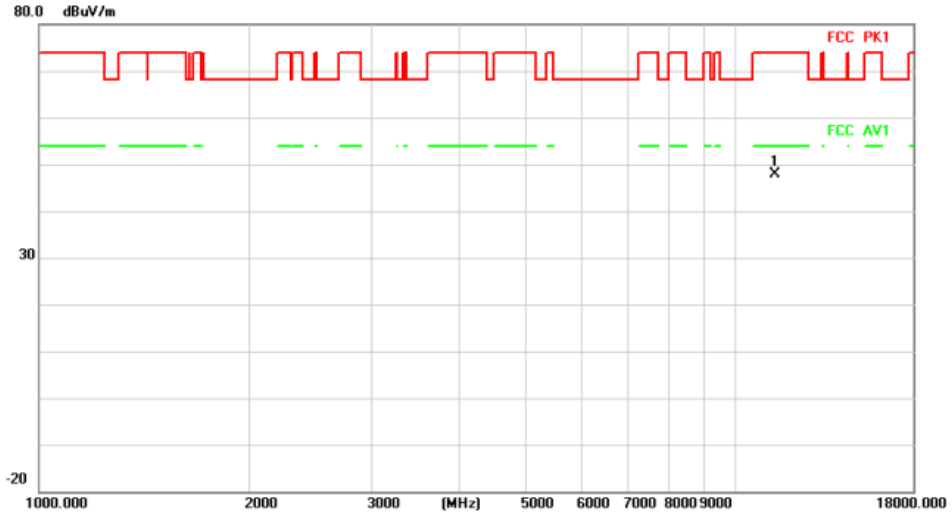


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11160.000	33.85	9.88	43.73	74.00	-30.27	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:140

VERTICAL

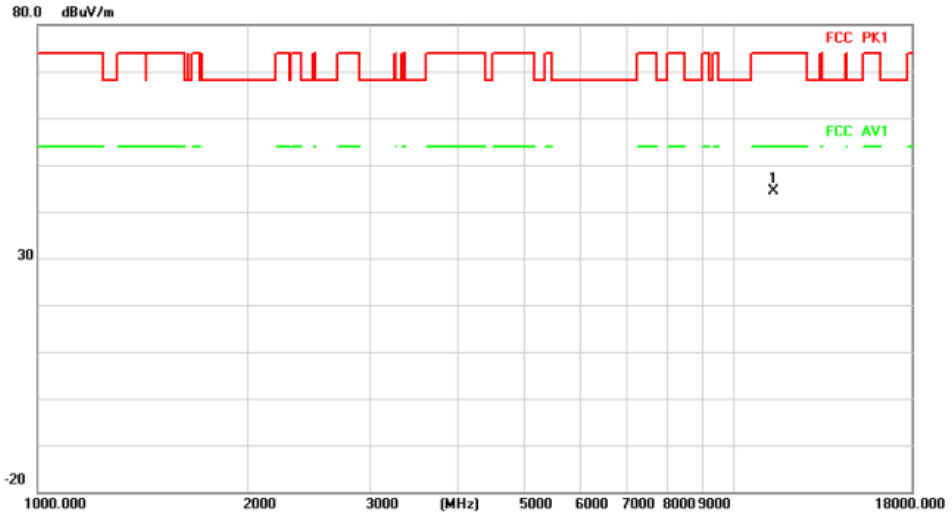
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	38.37	9.43	47.80	74.00	-26.20	peak			

HORIZONTA

Radiated Emission

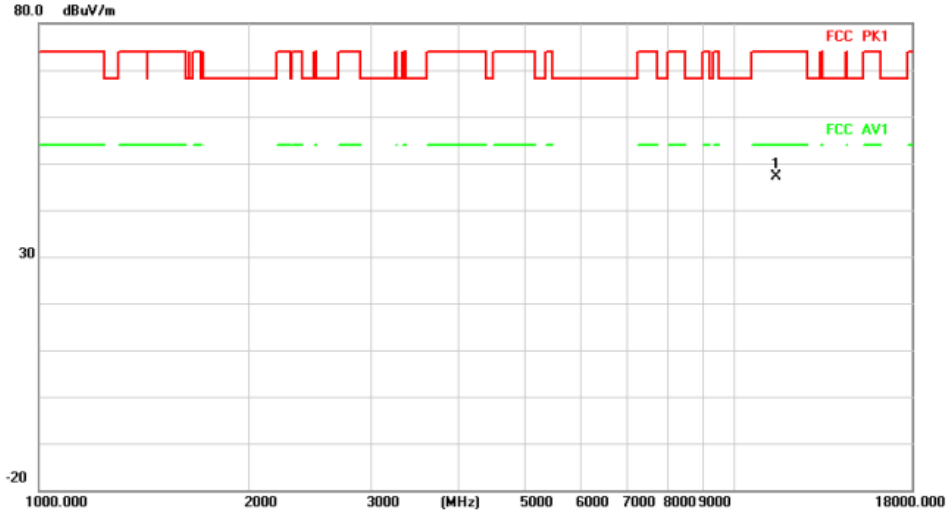


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	35.05	9.43	44.48	74.00	-29.52	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:149

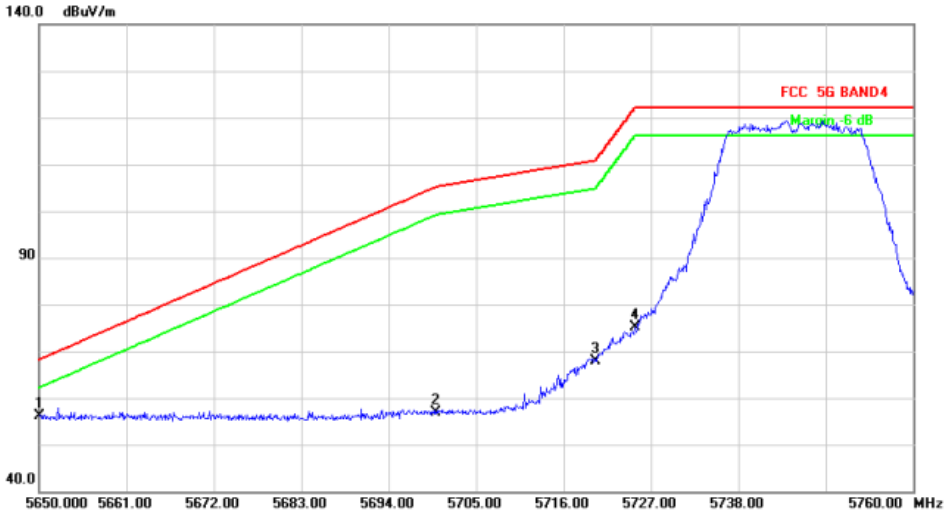
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	37.48	9.70	47.18	74.00	-26.82	peak			

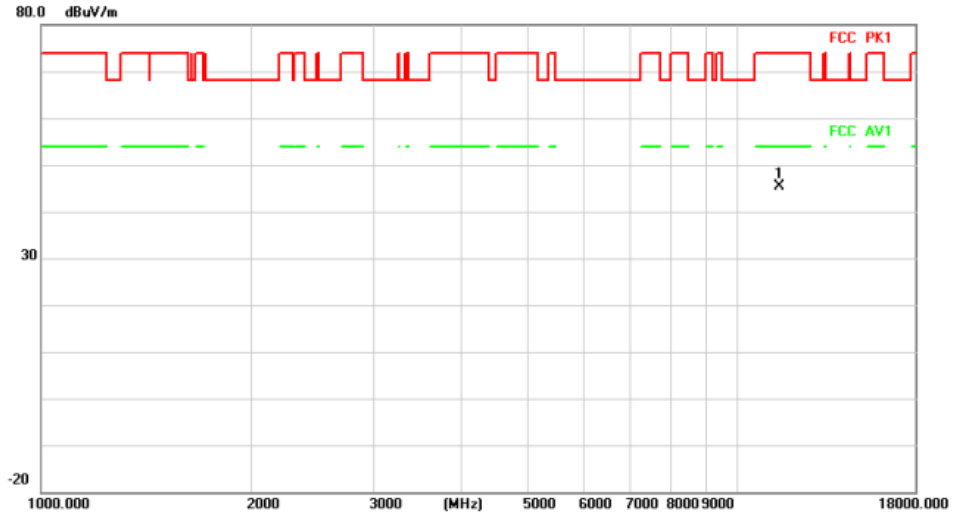
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	46.90	9.16	56.06	68.20	-12.14	peak			
2		5700.000	47.73	9.10	56.83	105.20	-48.37	peak			
3		5720.000	58.75	9.08	67.83	110.80	-42.97	peak			
4		5725.000	66.09	9.08	75.17	122.20	-47.03	peak			

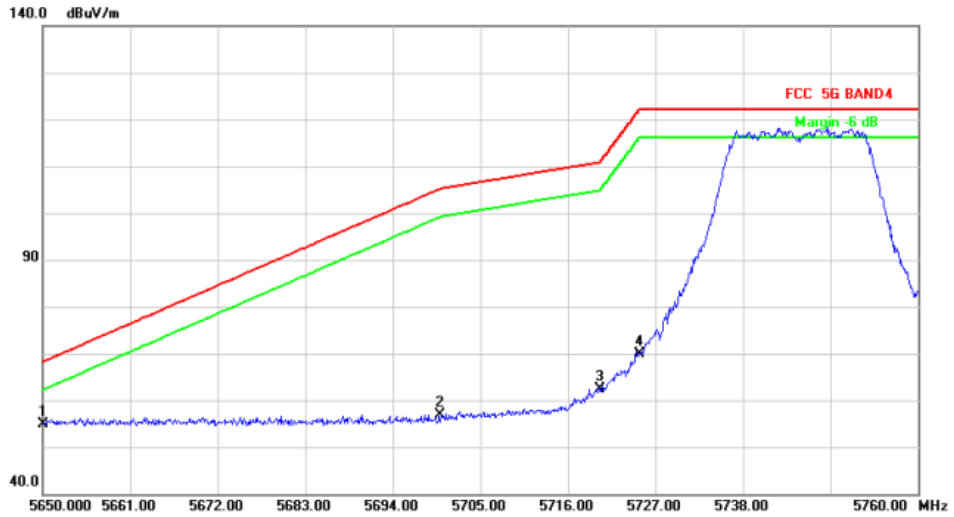
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	35.62	9.70	45.32	74.00	-28.68	peak			

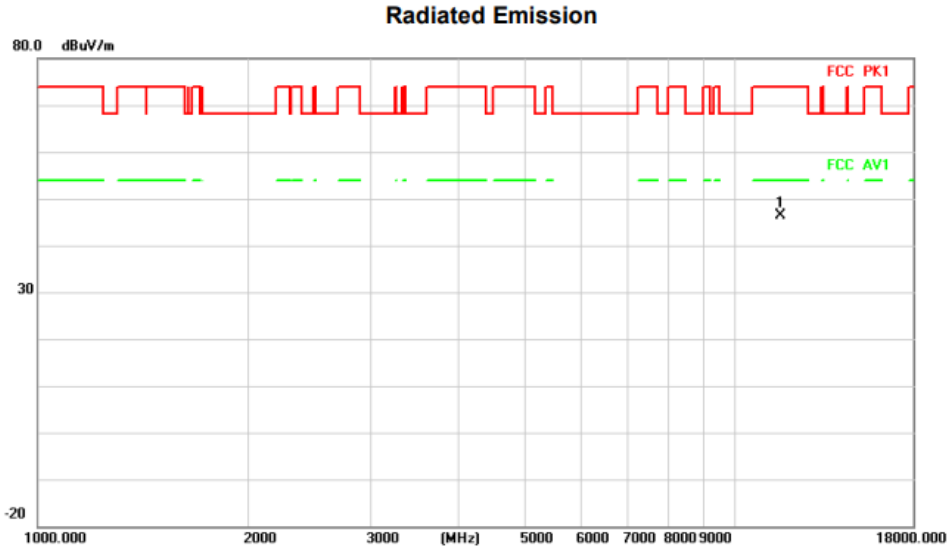
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	45.65	9.16	54.81	68.20	-13.39	peak			
2		5700.000	47.66	9.10	56.76	105.20	-48.44	peak			
3		5720.000	53.21	9.08	62.29	110.80	-48.51	peak			
4		5725.000	60.79	9.08	69.87	122.20	-52.33	peak			

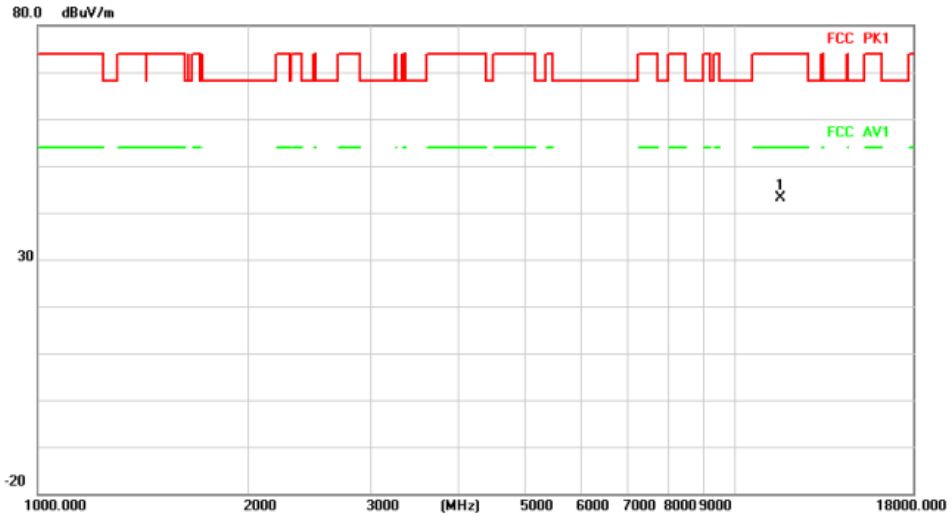
Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:157

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	36.36	9.94	46.30	74.00	-27.70	peak			

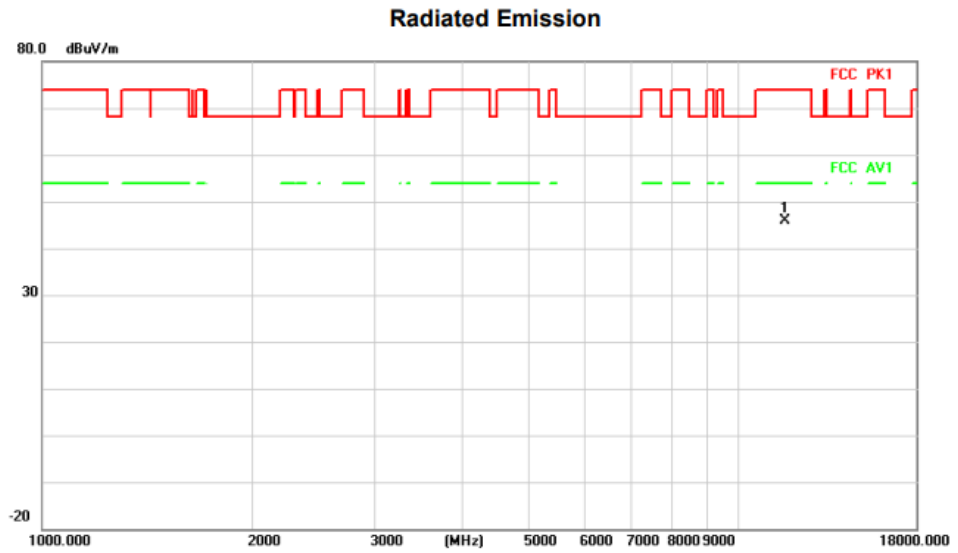
HORIZONTA



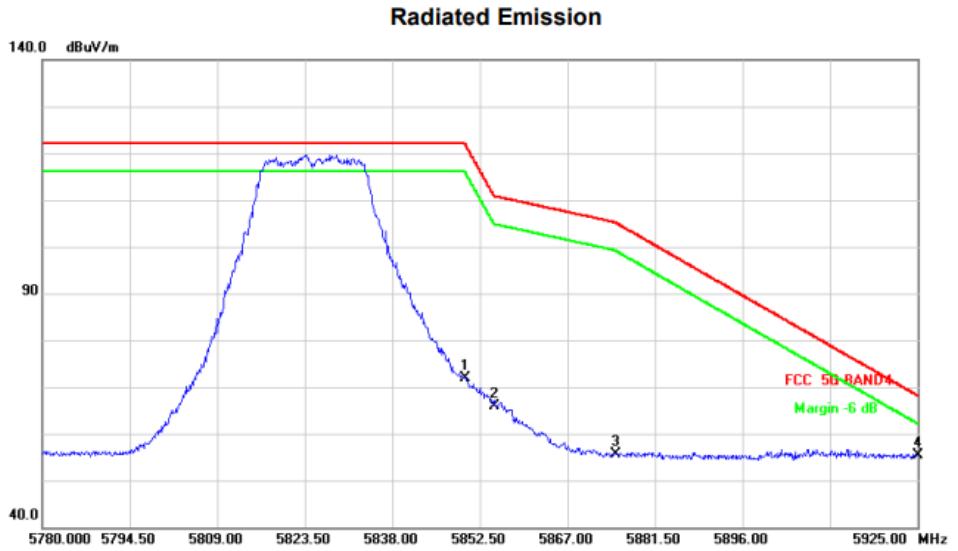
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	33.11	9.94	43.05	74.00	-30.95	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC20	Test Channel:165

VERTICAL



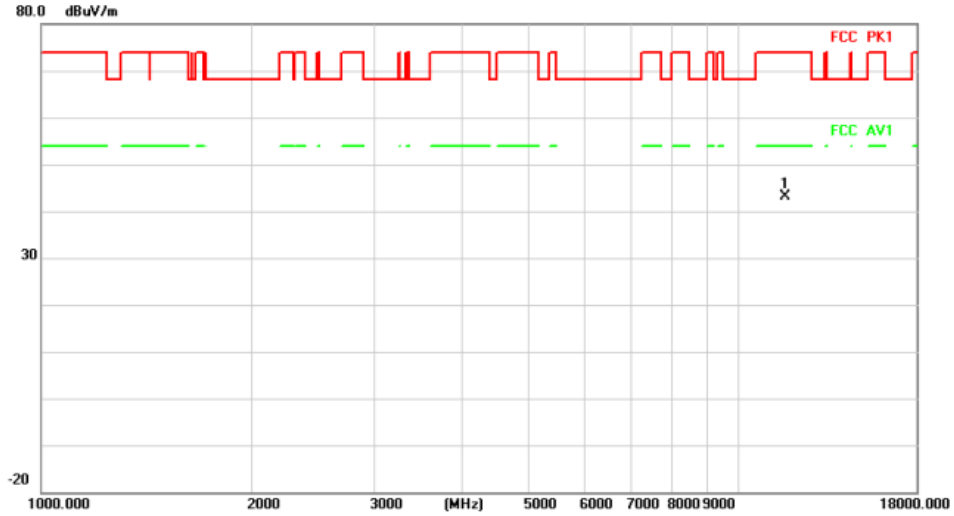
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	35.59	10.18	45.77	74.00	-28.23	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	62.59	9.24	71.83	122.20	-50.37	peak			
2		5855.000	56.54	9.26	65.80	110.80	-45.00	peak			
3		5875.000	46.26	9.36	55.62	105.20	-49.58	peak			
4	*	5925.000	45.70	9.61	55.31	68.20	-12.89	peak			

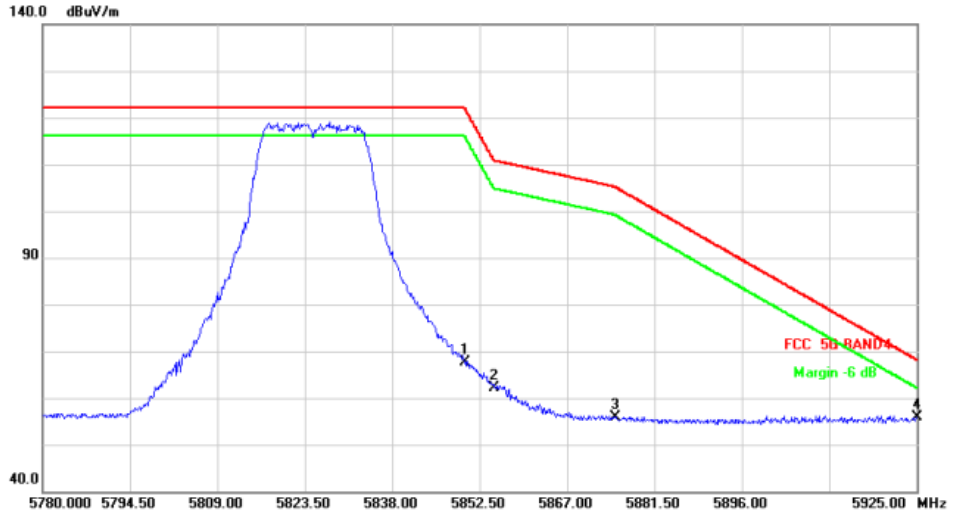
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	32.96	10.18	43.14	74.00	-30.86	peak			

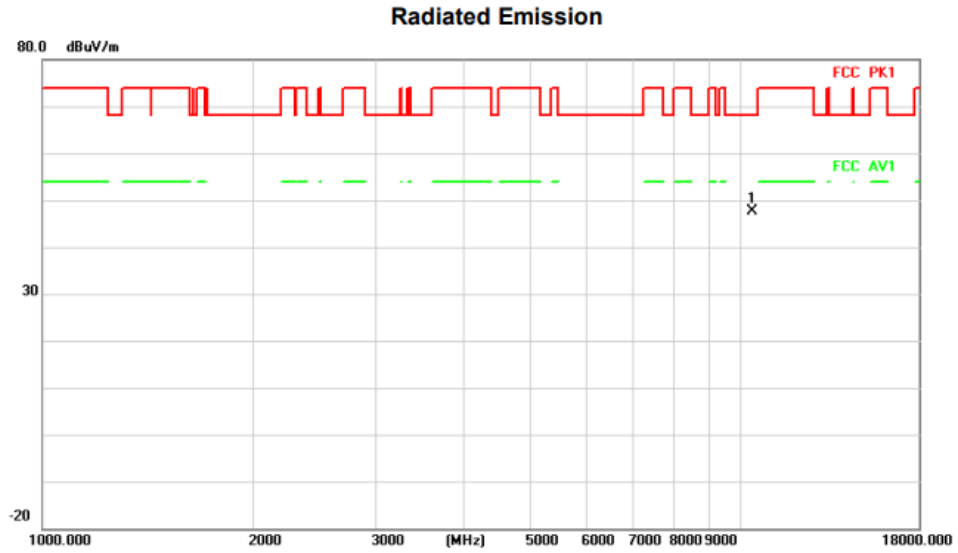
Radiated Emission



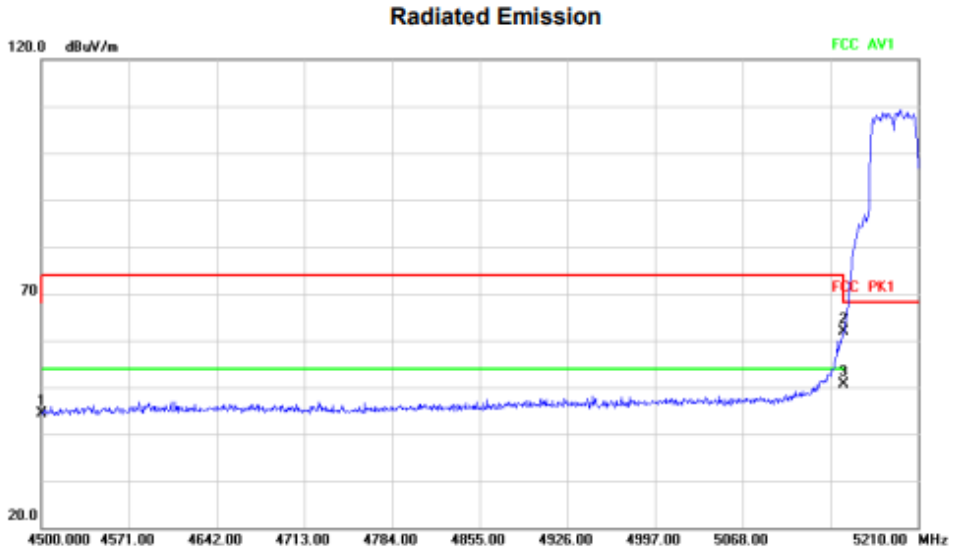
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	58.27	9.24	67.51	122.20	-54.69	peak			
2		5855.000	52.85	9.26	62.11	110.80	-48.69	peak			
3		5875.000	46.56	9.36	55.92	105.20	-49.28	peak			
4	*	5925.000	46.17	9.61	55.78	68.20	-12.42	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:38

VERTICAL



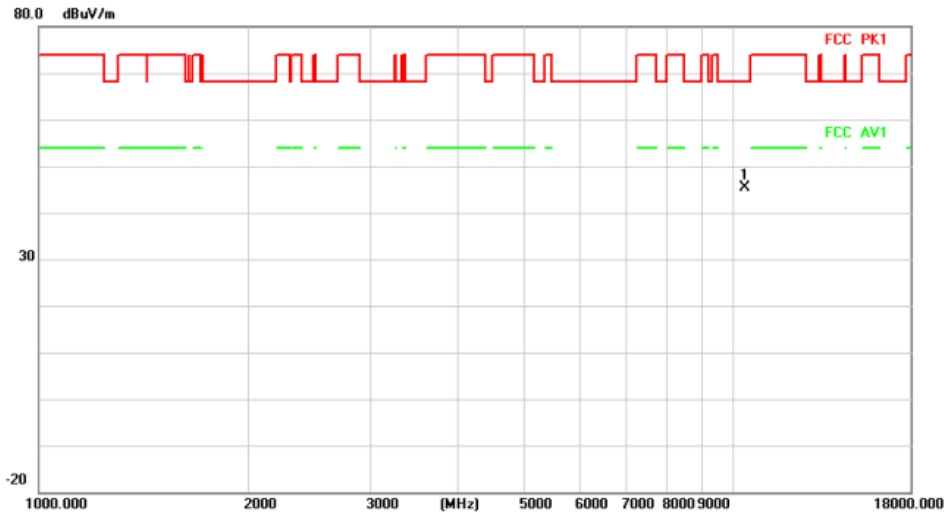
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	38.46	9.24	47.70	68.20	-20.50	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.32	7.17	44.49	68.20	-23.71	peak			
2		5150.000	52.77	9.17	61.94	68.20	-6.26	peak			
3	*	5150.000	41.50	9.17	50.67	54.00	-3.33	AVG			

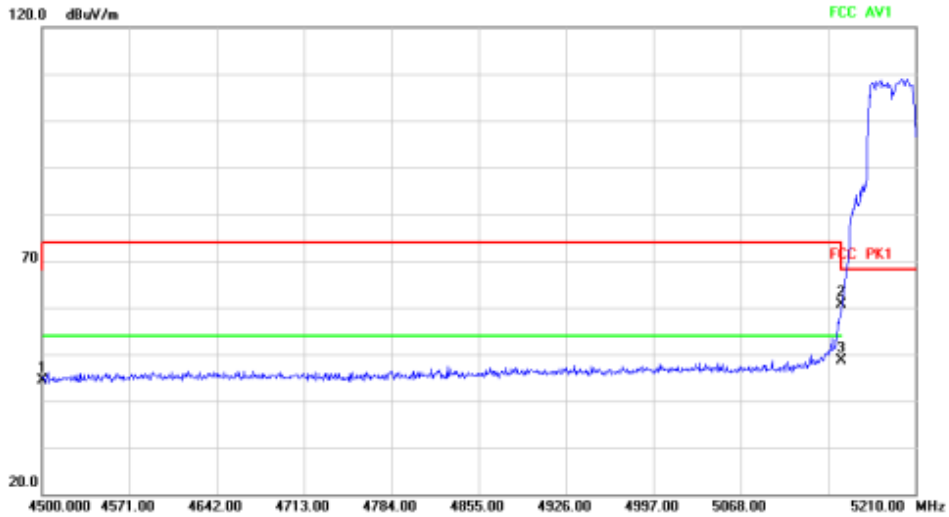
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	36.22	9.24	45.46	68.20	-22.74	peak			

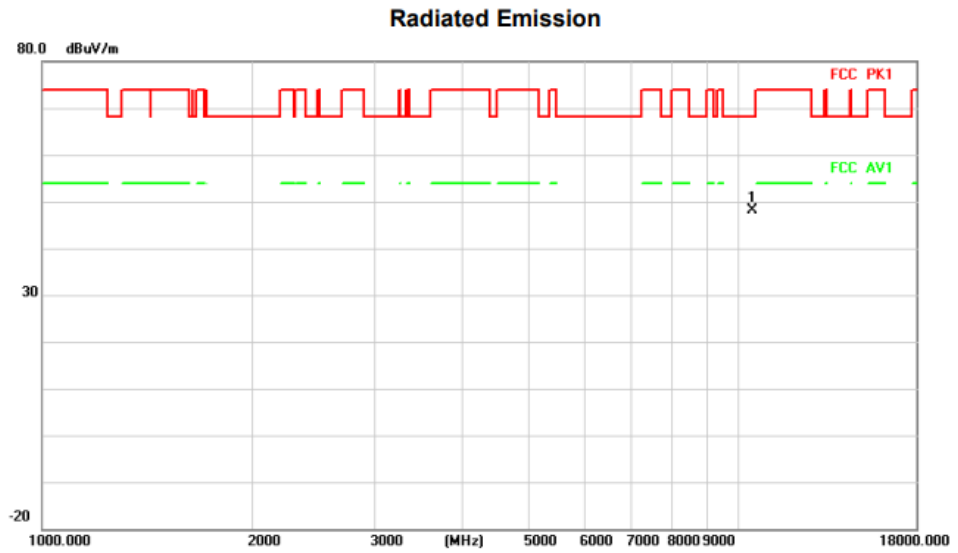
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	37.32	7.17	44.49	68.20	-23.71	peak			
2		5150.000	51.57	9.17	60.74	68.20	-7.46	peak			
3	*	5150.000	39.46	9.17	48.63	54.00	-5.37	AVG			

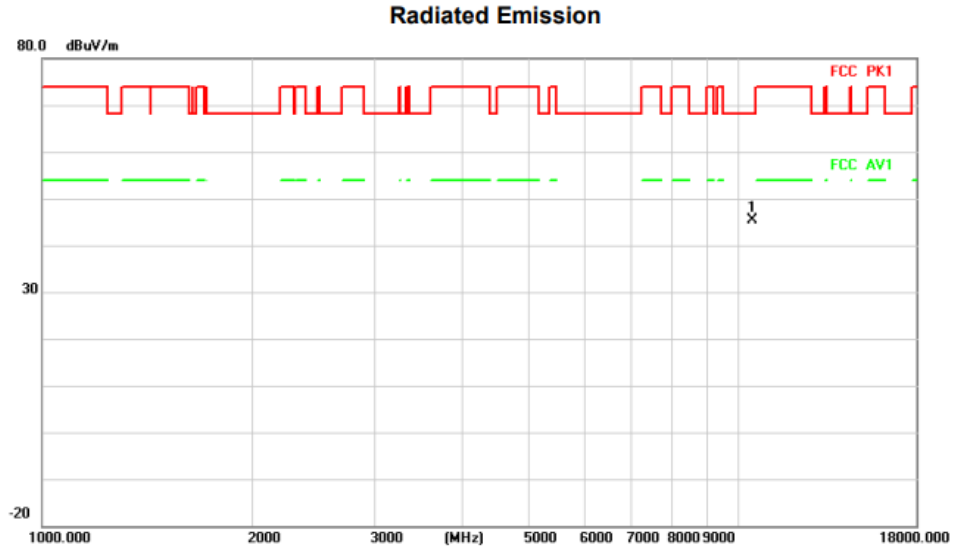
Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:46

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10460.000	38.81	9.34	48.15	68.20	-20.05	peak			

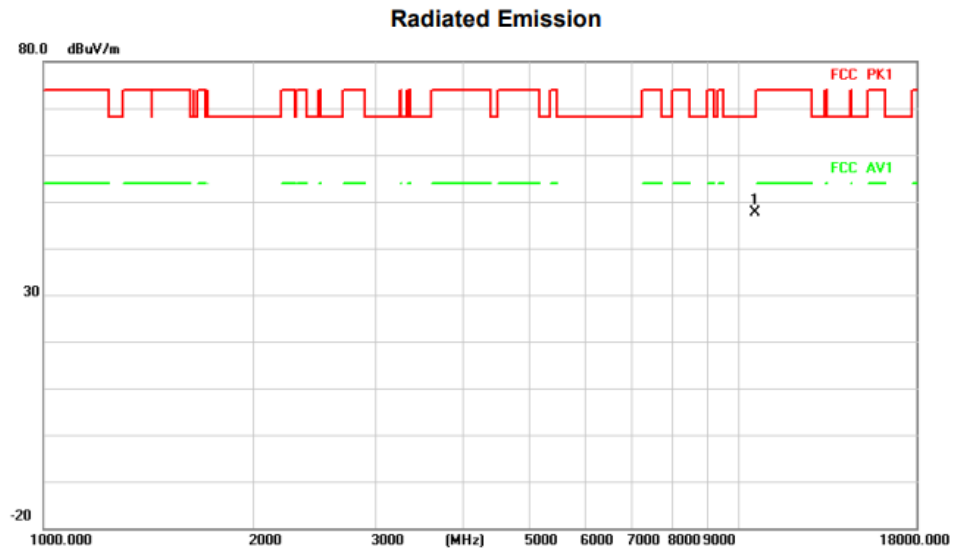
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10460.000	35.93	9.34	45.27	68.20	-22.93	peak			

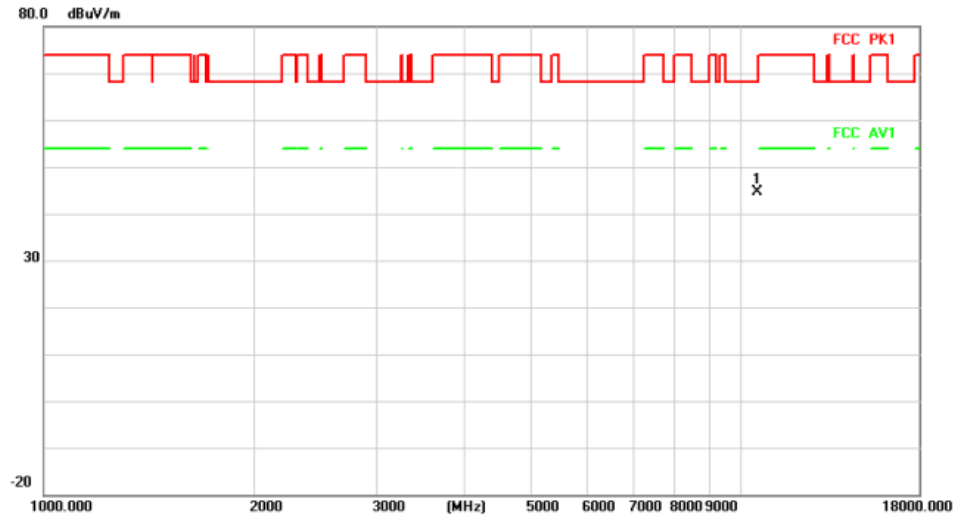
Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:54

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10540.000	38.19	9.44	47.63	68.20	-20.57	peak			

HORIZONTA

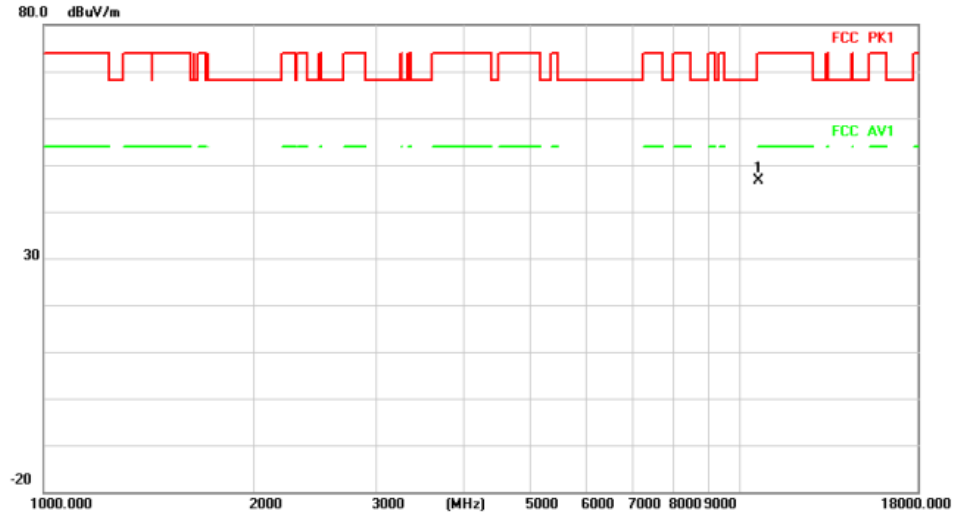


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10540.000	35.25	9.44	44.69	68.20	-23.51	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:62

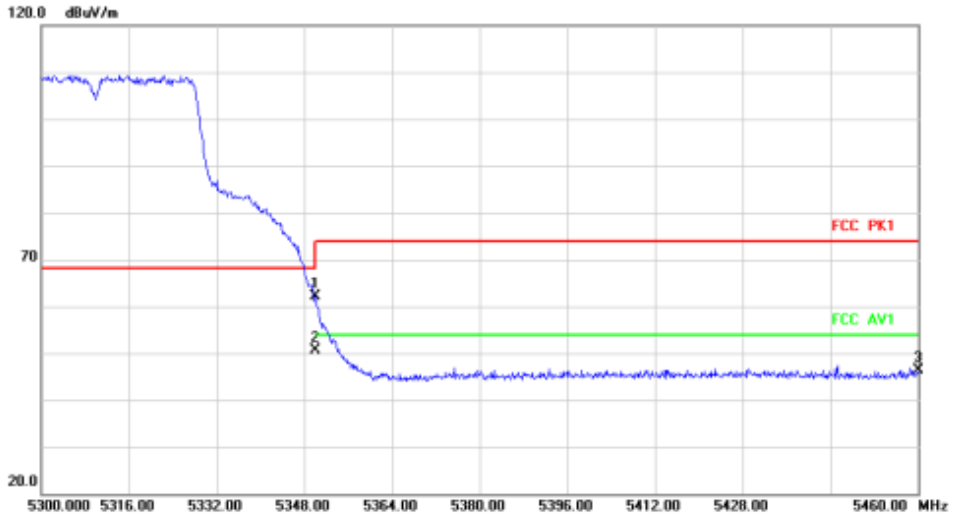
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	36.99	9.54	46.53	74.00	-27.47	peak			

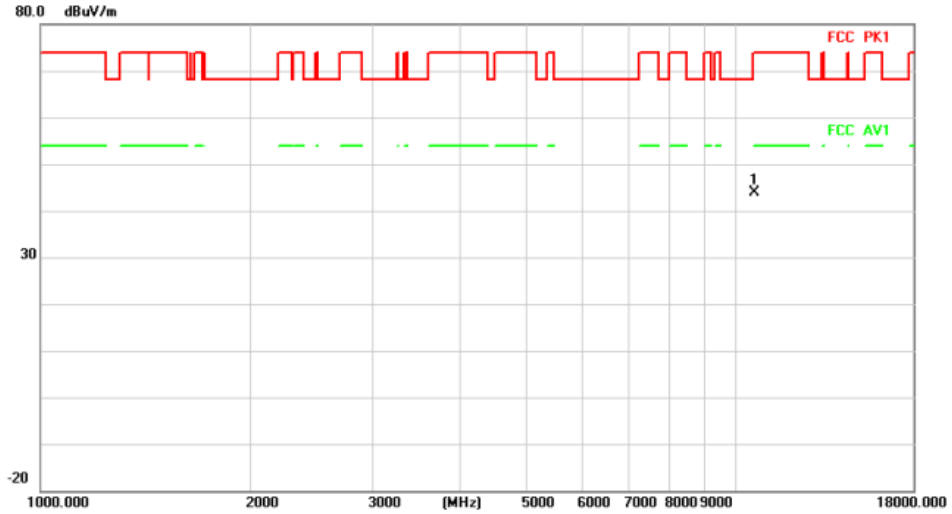
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	52.71	9.30	62.01	68.20	-6.19	peak			
2	*	5350.000	41.31	9.30	50.61	54.00	-3.39	AVG			
3		5460.000	37.13	9.31	46.44	68.20	-21.76	peak			

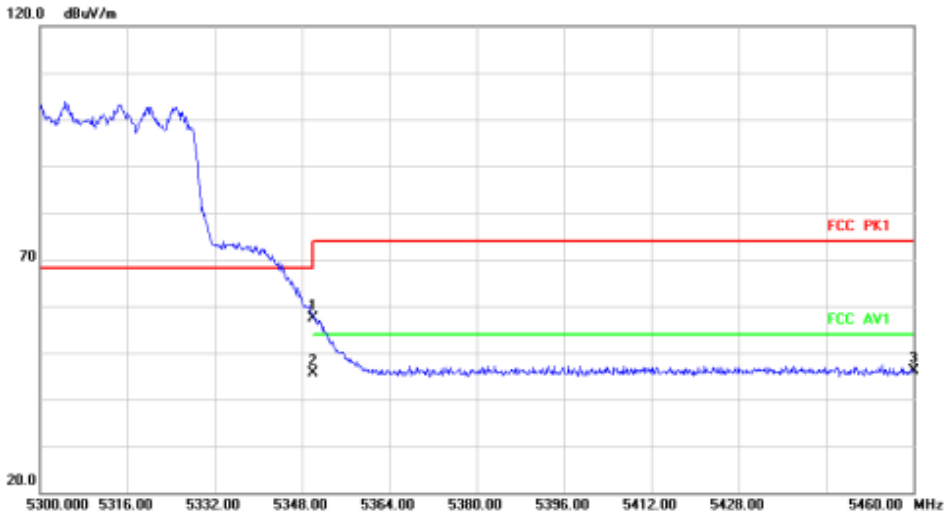
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	34.23	9.54	43.77	74.00	-30.23	peak			

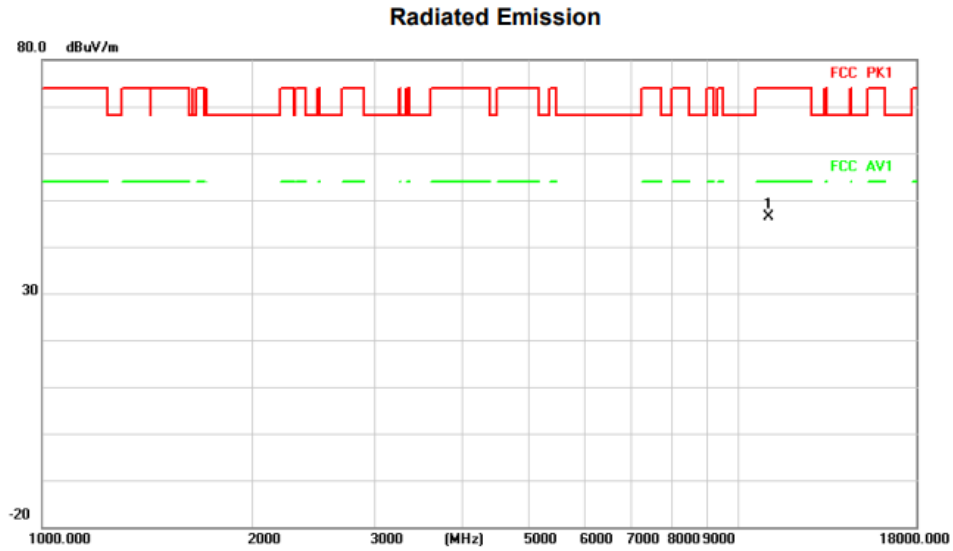
Radiated Emission



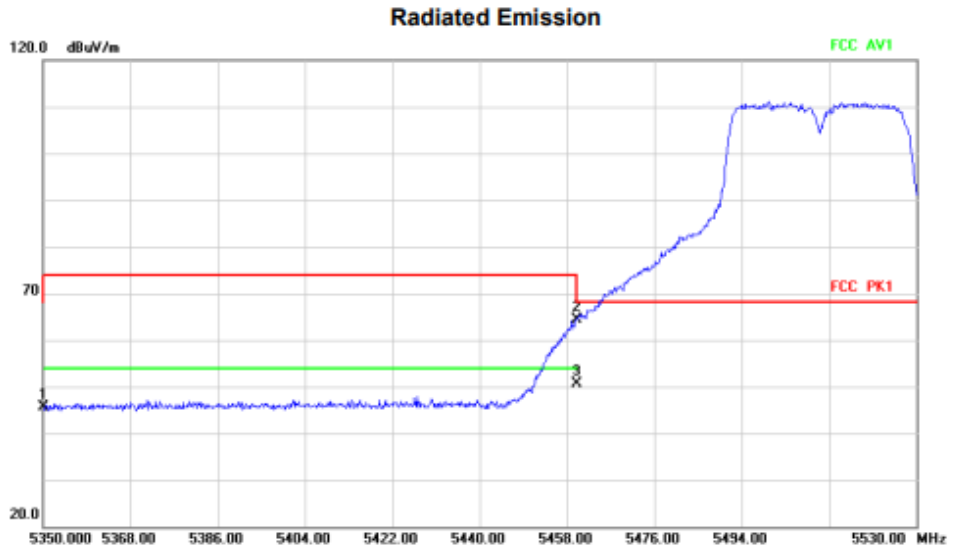
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	48.01	9.30	57.31	68.20	-10.89	peak			
2	*	5350.000	36.27	9.30	45.57	54.00	-8.43	AVG			
3		5460.000	36.71	9.31	46.02	68.20	-22.18	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:102

VERTICAL



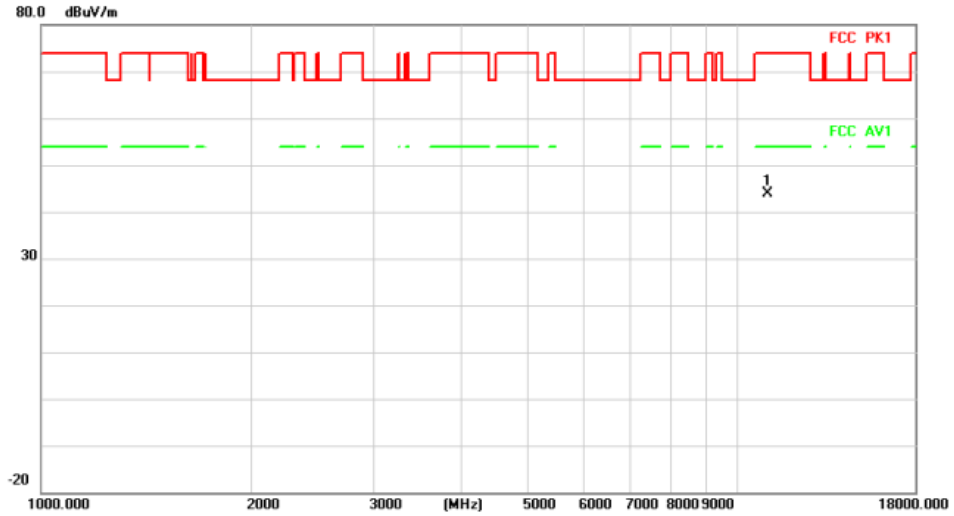
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11020.000	36.12	10.15	46.27	74.00	-27.73	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.28	9.30	45.58	68.20	-22.62	peak			
2		5460.000	55.17	9.31	64.48	68.20	-3.72	peak			
3	*	5460.000	41.33	9.31	50.64	54.00	-3.36	AVG			

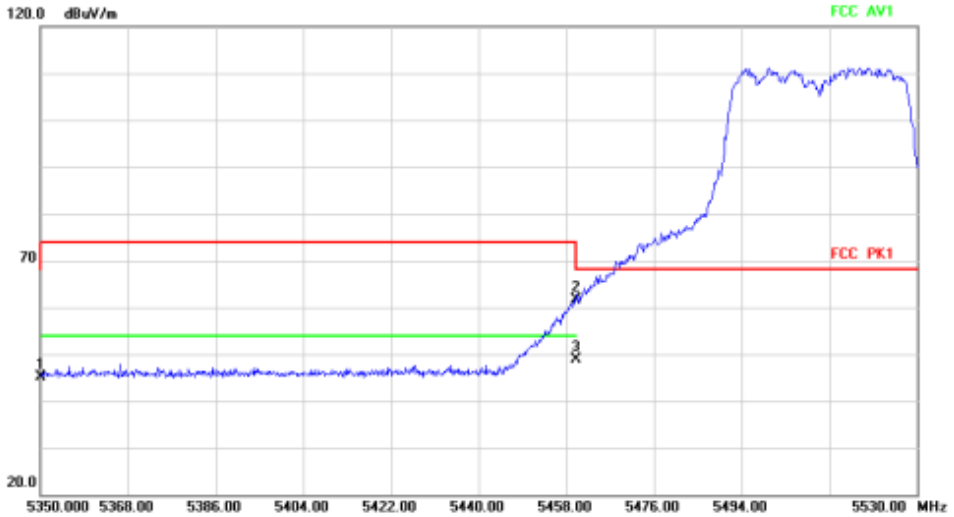
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11020.000	33.66	10.15	43.81	74.00	-30.19	peak			

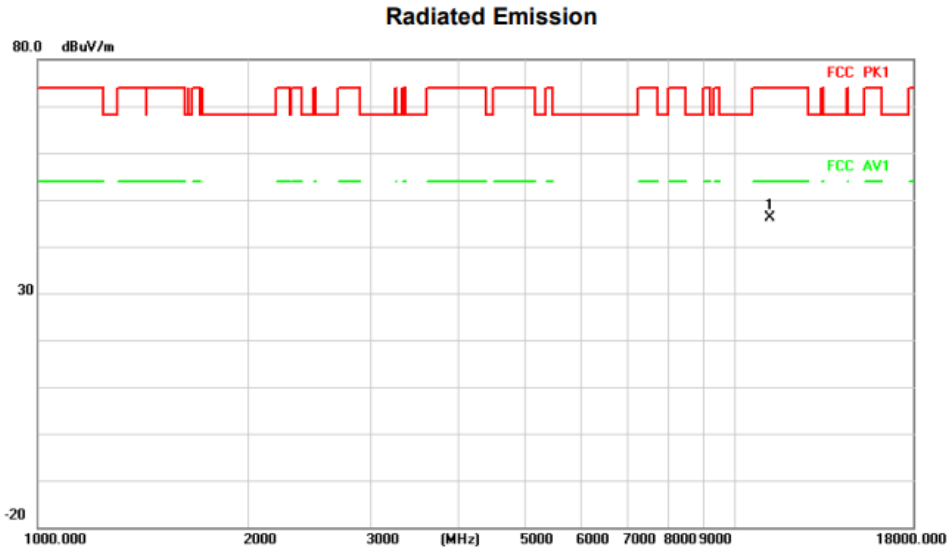
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	35.87	9.30	45.17	68.20	-23.03	peak			
2		5460.000	52.37	9.31	61.68	68.20	-6.52	peak			
3	*	5460.000	39.53	9.31	48.84	54.00	-5.16	AVG			

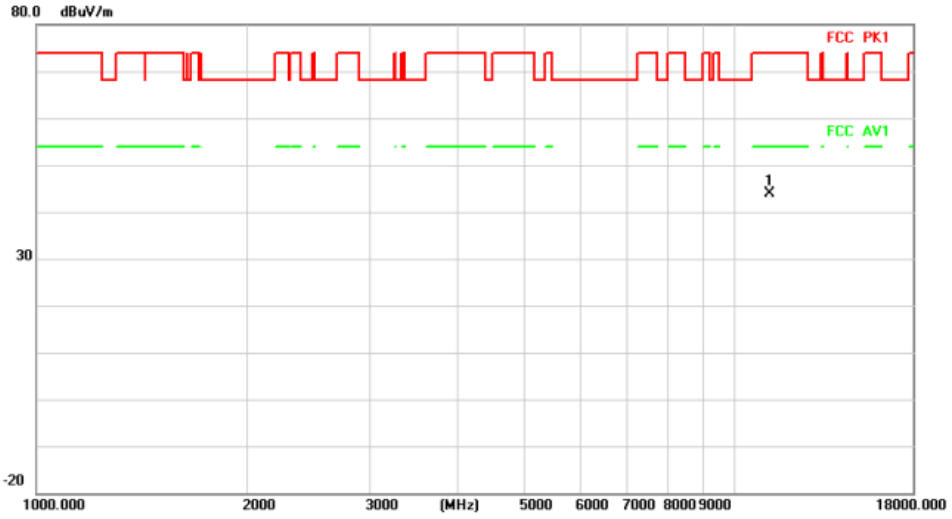
Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:116

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11180.000	36.34	9.84	46.18	74.00	-27.82	peak			

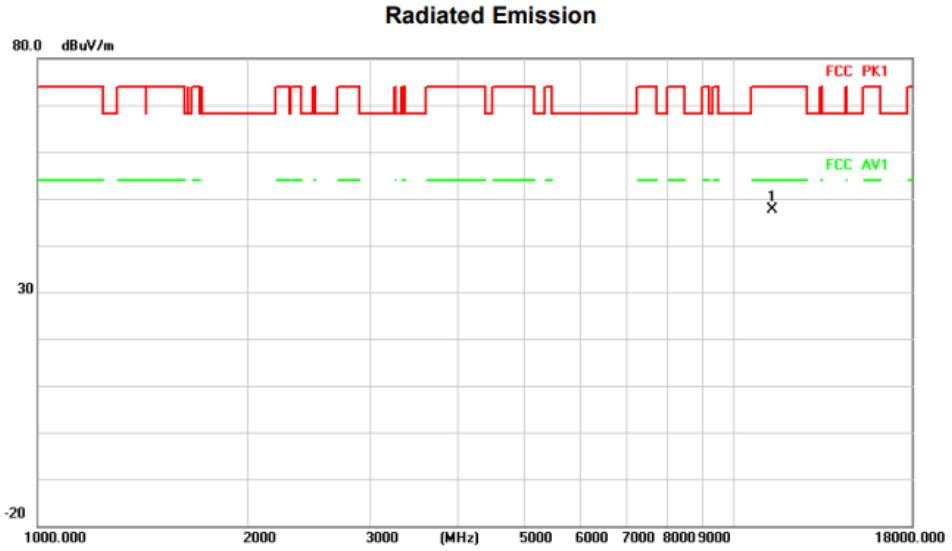
HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11180.000	34.09	9.84	43.93	74.00	-30.07	peak			

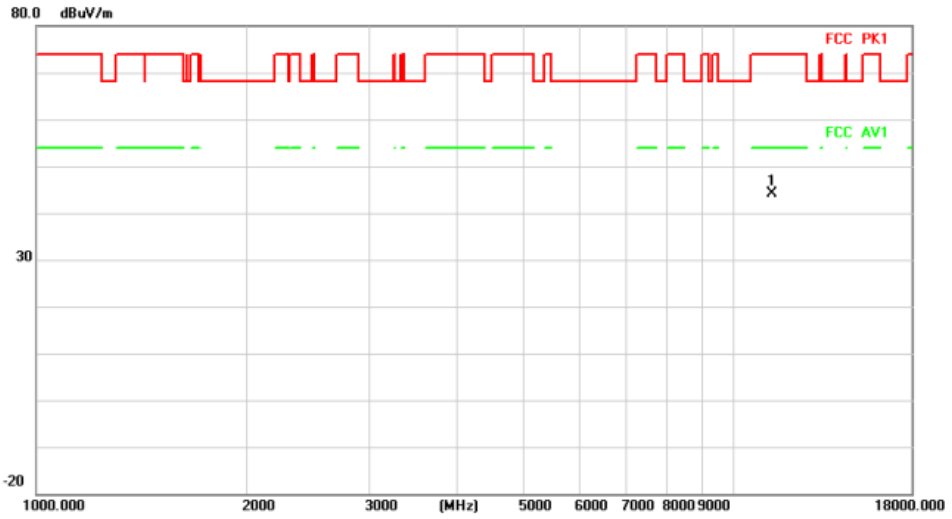
Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:134

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11340.000	38.20	9.54	47.74	74.00	-26.26	peak			

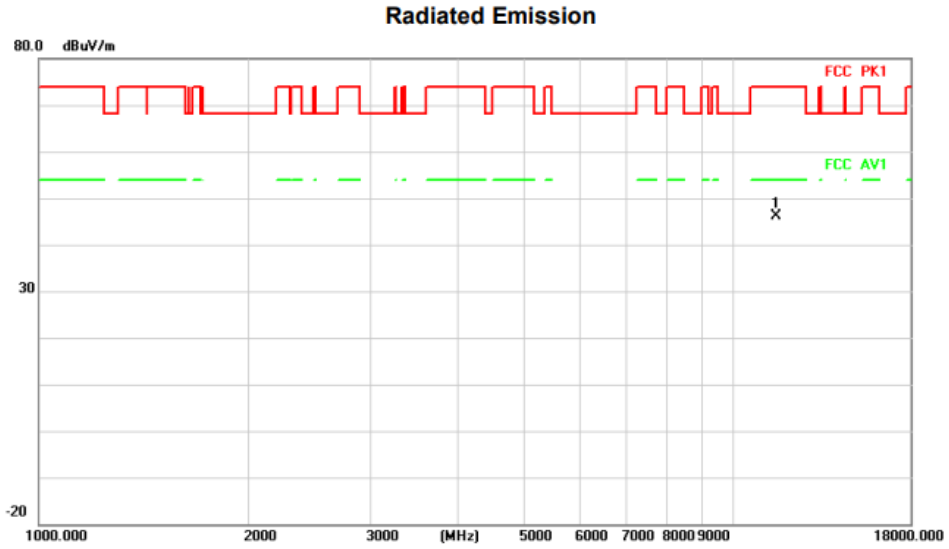
HORIZONTA



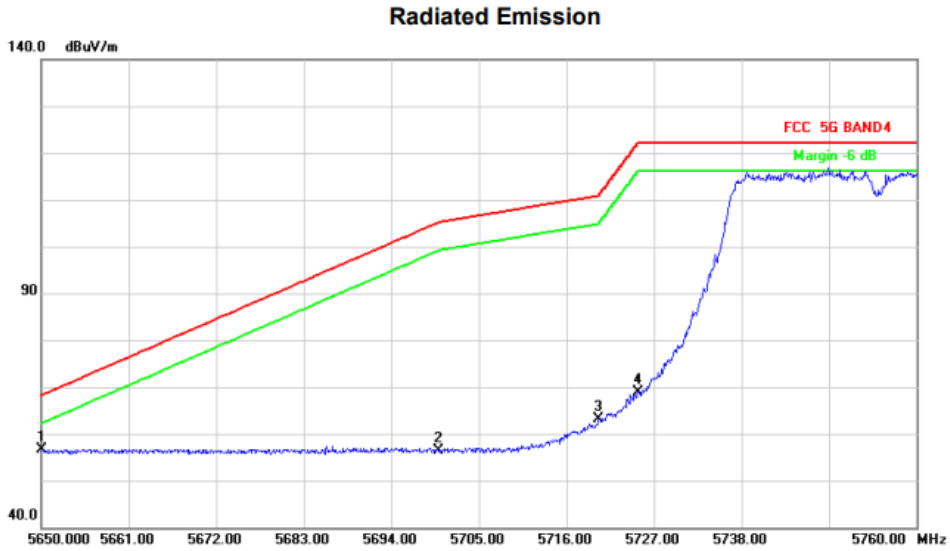
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11340.000	34.61	9.54	44.15	74.00	-29.85	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:151

VERTICAL



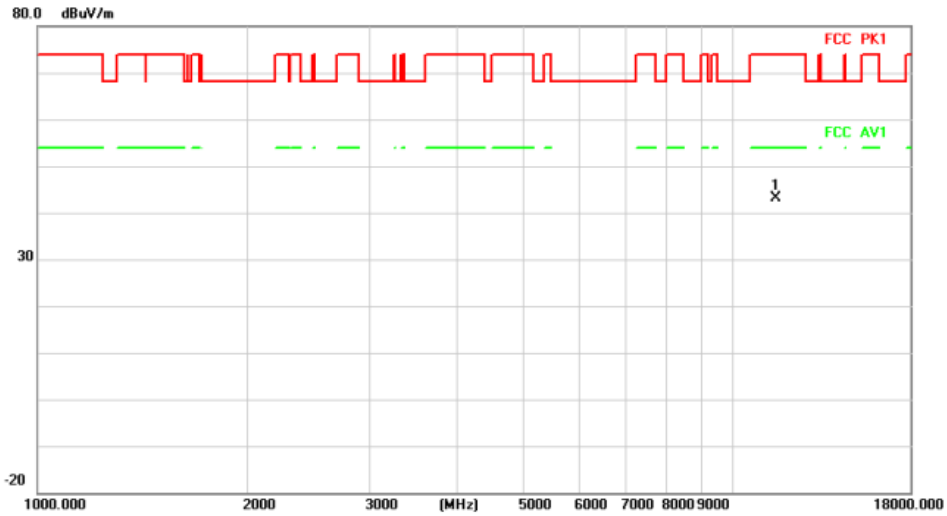
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11510.000	36.39	9.76	46.15	74.00	-27.85	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	47.50	9.16	56.66	68.20	-11.54	peak			
2		5700.000	47.36	9.10	56.46	105.20	-48.74	peak			
3		5720.000	53.96	9.08	63.04	110.80	-47.76	peak			
4		5725.000	59.68	9.08	68.76	122.20	-53.44	peak			

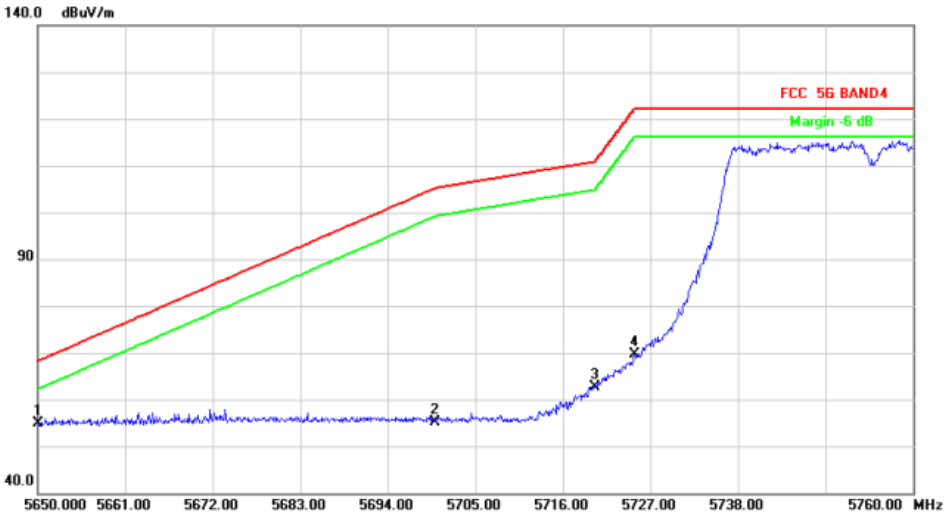
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11510.000	33.29	9.76	43.05	74.00	-30.95	peak			

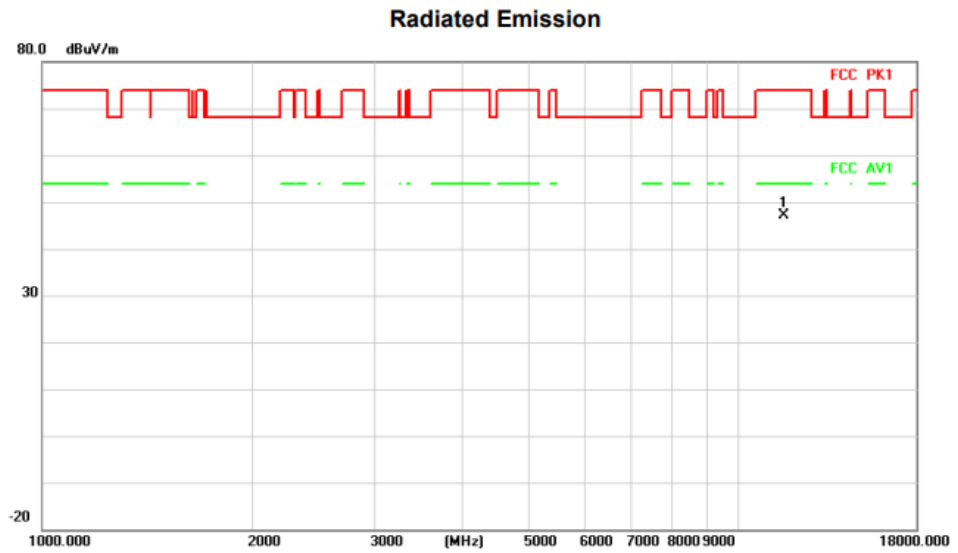
Radiated Emission



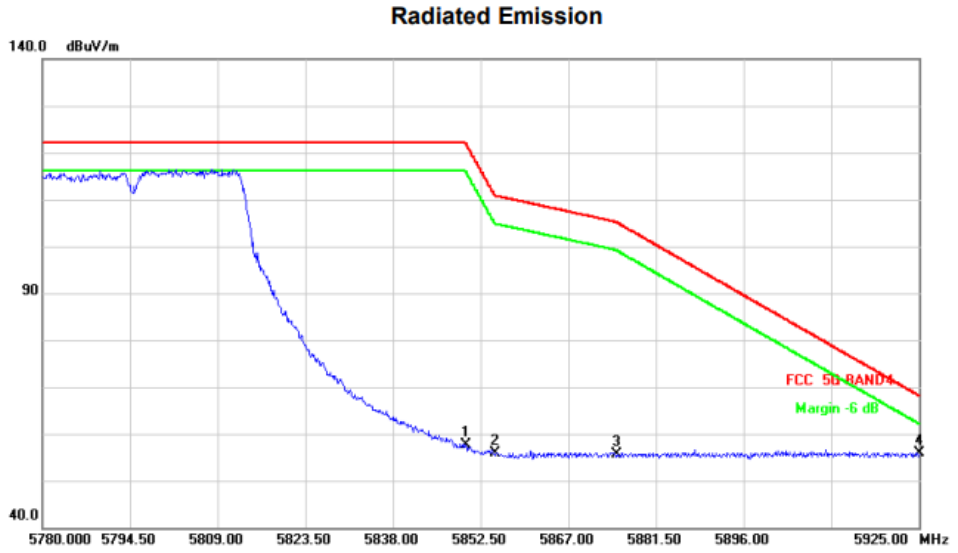
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	45.73	9.16	54.89	68.20	-13.31	peak			
2		5700.000	46.15	9.10	55.25	105.20	-49.95	peak			
3		5720.000	53.63	9.08	62.71	110.80	-48.09	peak			
4		5725.000	60.60	9.08	69.68	122.20	-52.52	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC40	Test Channel:159

VERTICAL



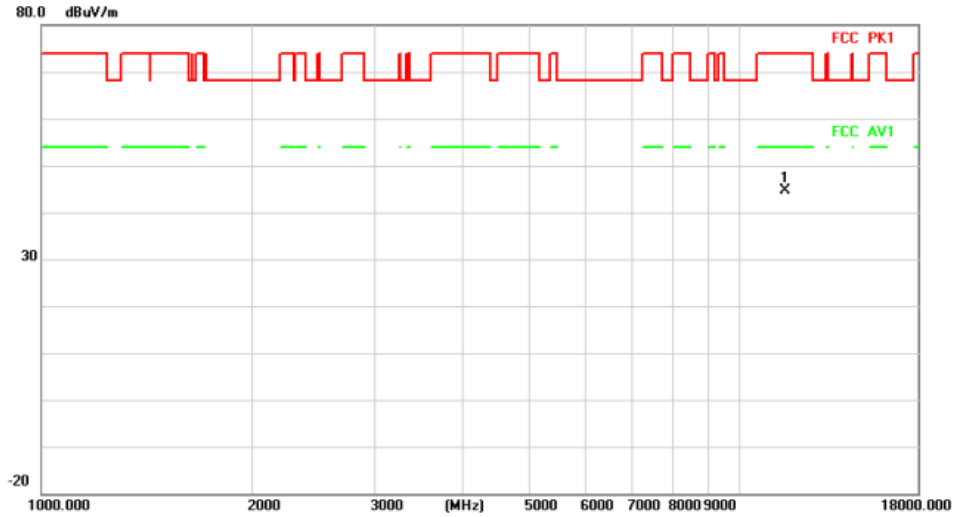
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11590.000	37.13	9.99	47.12	74.00	-26.88	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	48.28	9.24	57.52	122.20	-64.68	peak			
2		5855.000	46.61	9.26	55.87	110.80	-54.93	peak			
3		5875.000	46.36	9.36	55.72	105.20	-49.48	peak			
4	*	5925.000	46.15	9.61	55.76	68.20	-12.44	peak			

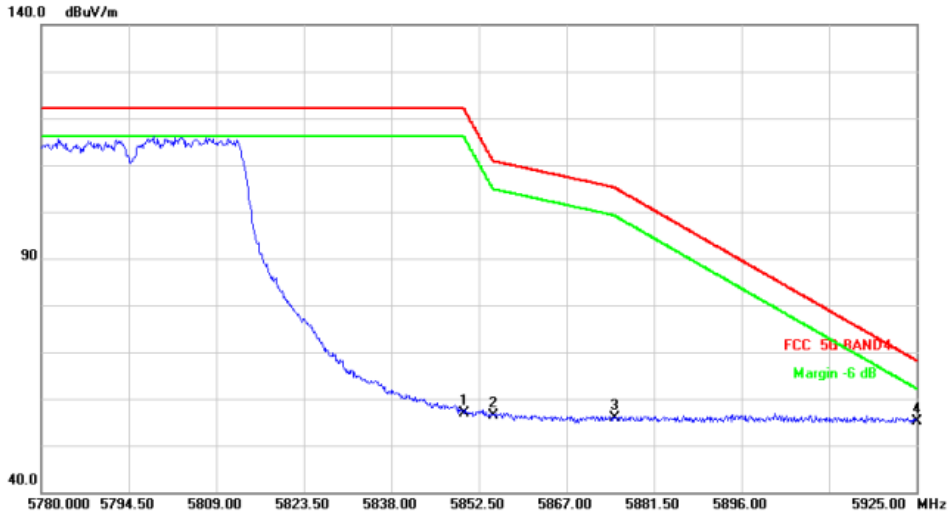
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11590.000	34.52	9.99	44.51	74.00	-29.49	peak			

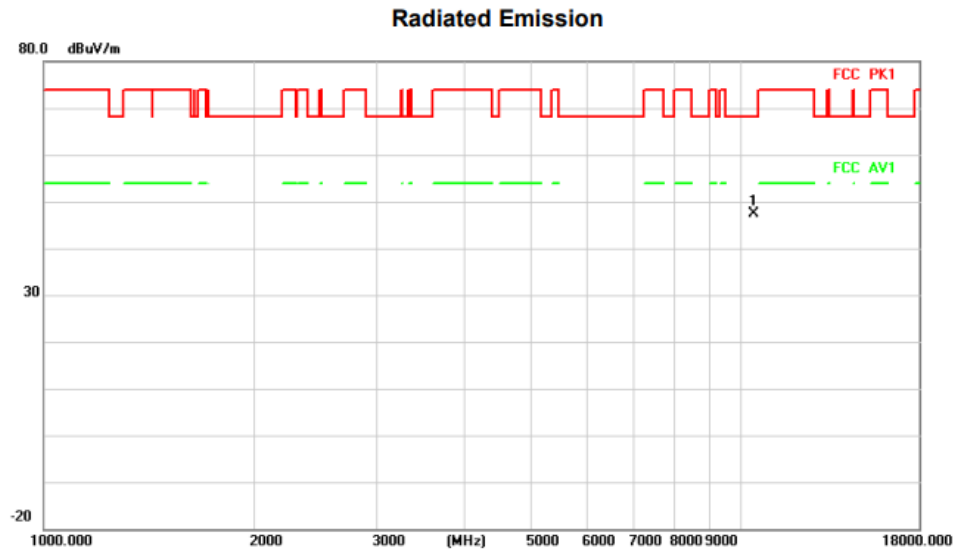
Radiated Emission



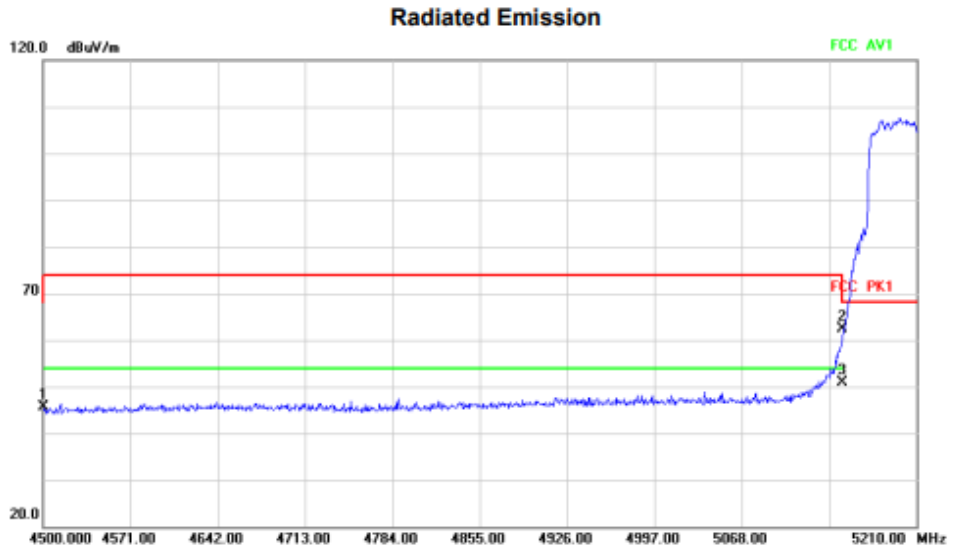
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	47.63	9.24	56.87	122.20	-65.33	peak			
2		5855.000	47.07	9.26	56.33	110.80	-54.47	peak			
3		5875.000	46.63	9.36	55.99	105.20	-49.21	peak			
4	*	5925.000	45.59	9.61	55.20	68.20	-13.00	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC80	Test Channel:42

VERTICAL



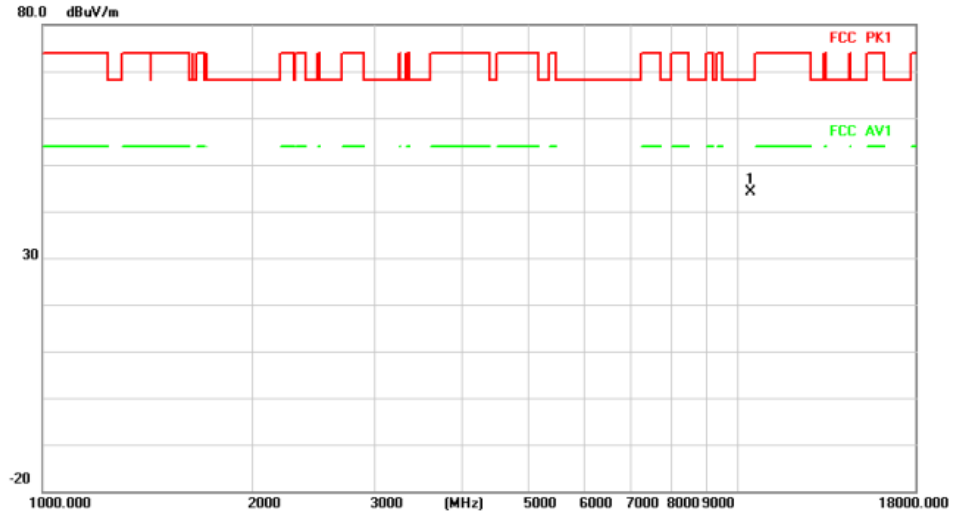
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10420.000	38.02	9.28	47.30	68.20	-20.90	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	38.54	7.17	45.71	68.20	-22.49	peak			
2		5150.000	53.25	9.17	62.42	68.20	-5.78	peak			
3	*	5150.000	41.67	9.17	50.84	54.00	-3.16	AVG			

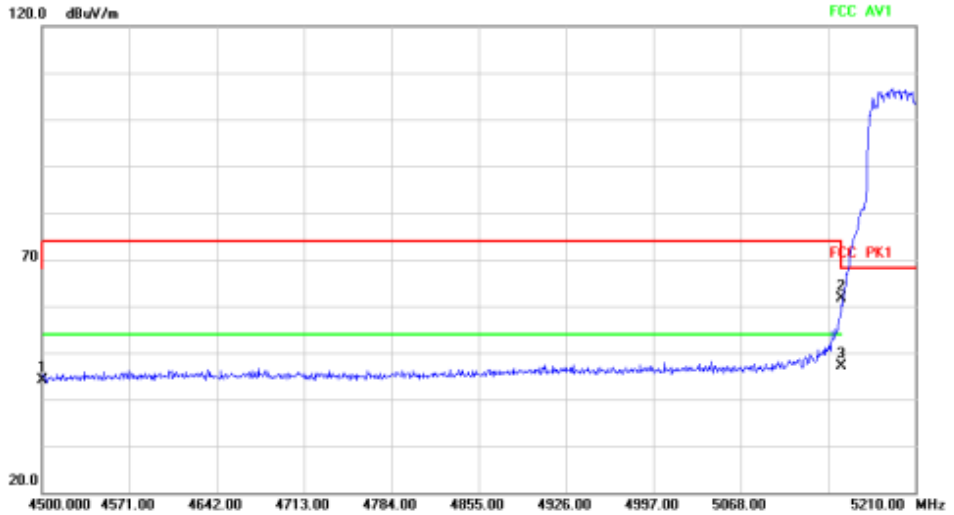
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10420.000	34.93	9.28	44.21	68.20	-23.99	peak			

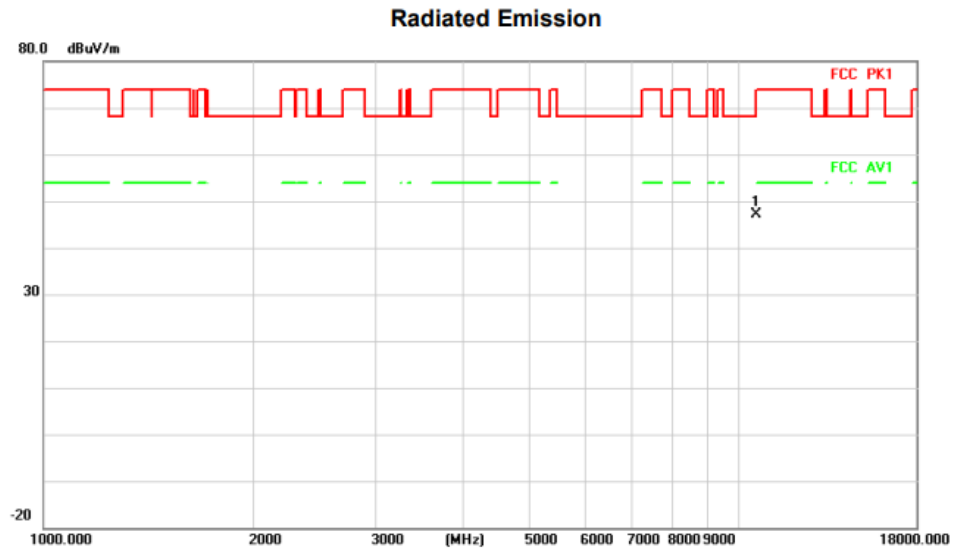
Radiated Emission



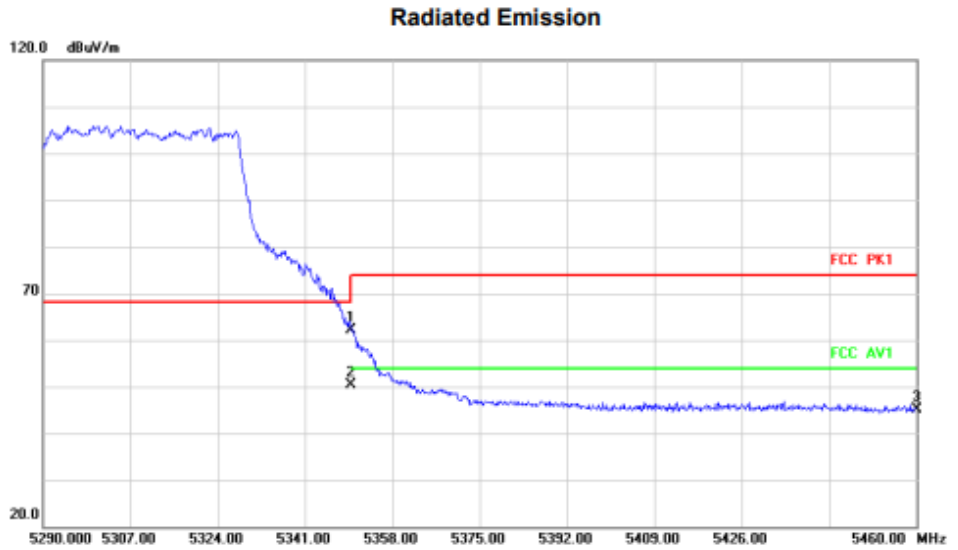
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	36.98	7.17	44.15	68.20	-24.05	peak			
2	*	5150.000	52.35	9.17	61.52	68.20	-6.68	peak			
3		5150.000	38.03	9.17	47.20	54.00	-6.80	AVG			

Above 1G (1GHz~18GHz)	Test mode: 11AC80	Test Channel:58

VERTICAL



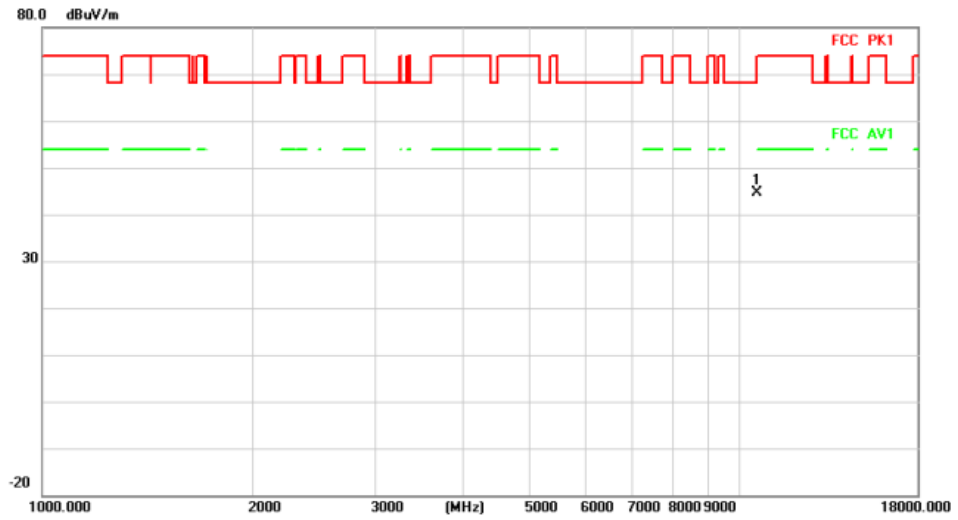
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10580.000	37.55	9.49	47.04	68.20	-21.16	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	52.86	9.30	62.16	68.20	-6.04	peak			
2	*	5350.000	41.02	9.30	50.32	54.00	-3.68	AVG			
3		5460.000	35.76	9.31	45.07	68.20	-23.13	peak			

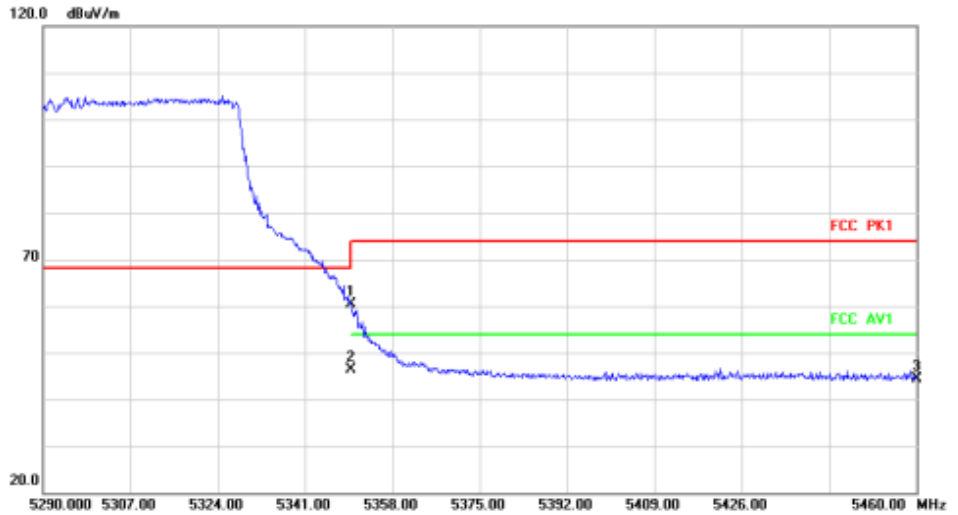
HORIZONTA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10580.000	35.04	9.49	44.53	68.20	-23.67	peak			

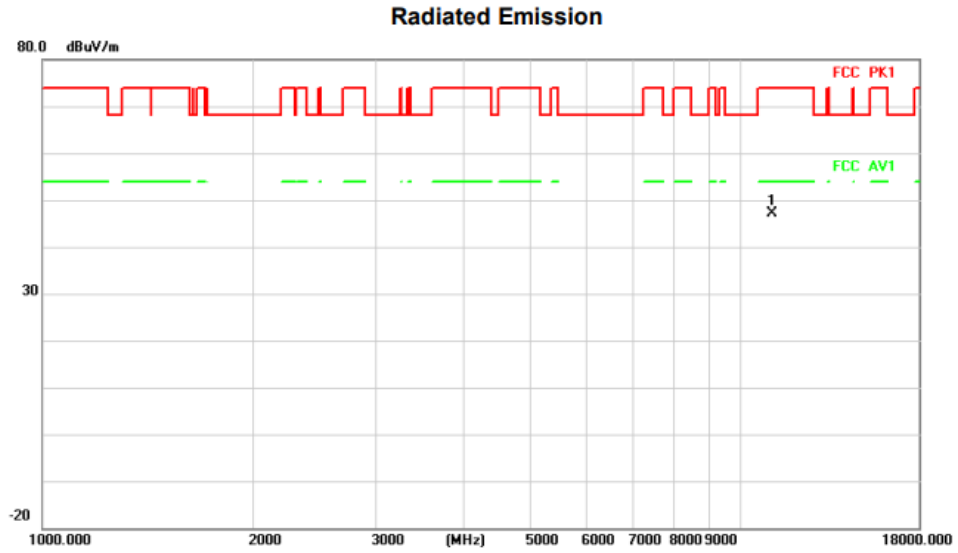
Radiated Emission



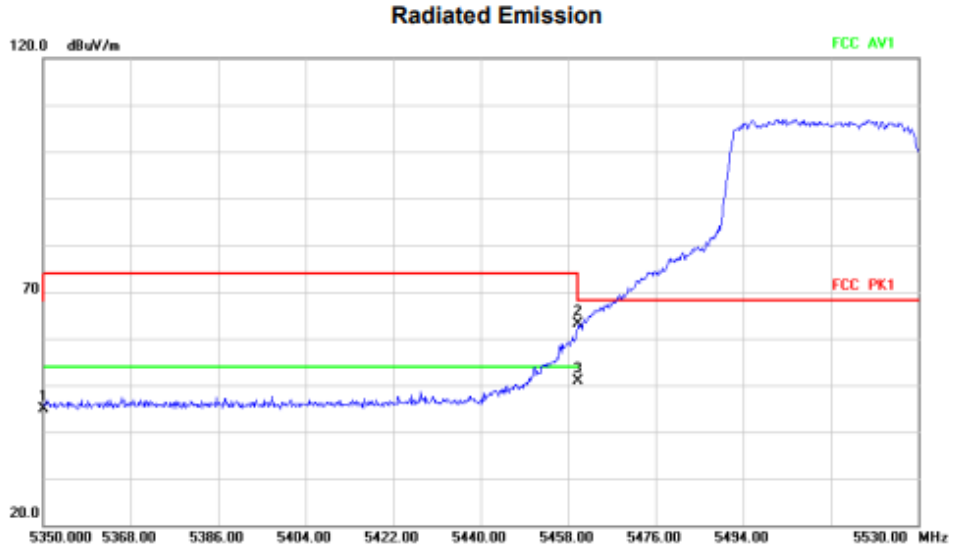
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	51.05	9.30	60.35	68.20	-7.85	peak			
2	*	5350.000	36.98	9.30	46.28	54.00	-7.72	AVG			
3		5460.000	35.11	9.31	44.42	68.20	-23.78	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC80	Test Channel:106

VERTICAL

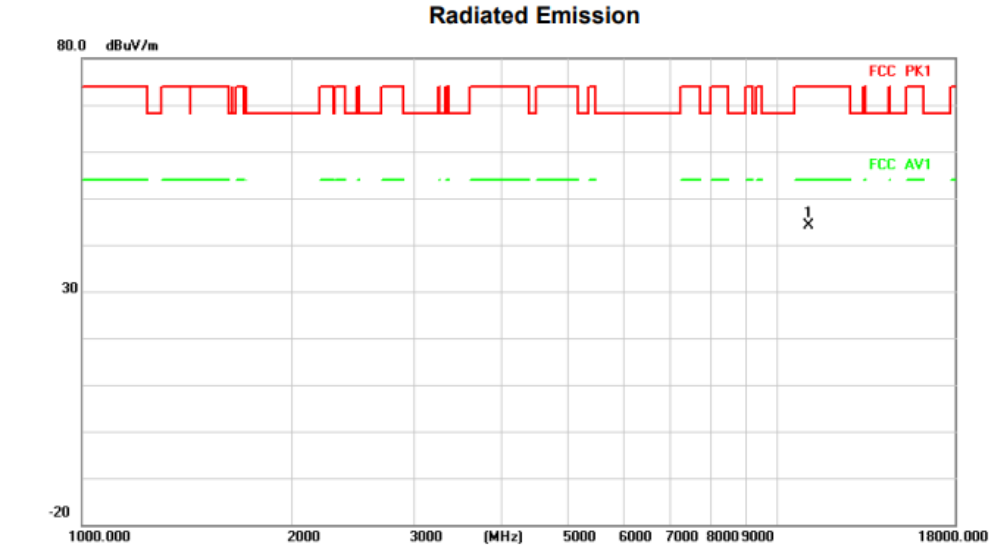


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11060.000	37.00	10.07	47.07	74.00	-26.93	peak			

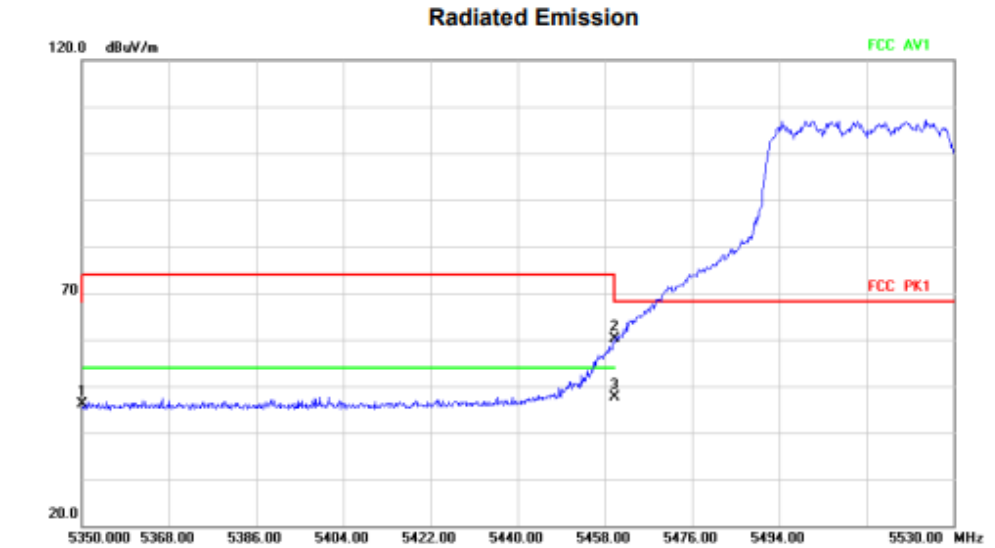


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	35.56	9.30	44.86	68.20	-23.34	peak			
2		5460.000	53.81	9.31	63.12	68.20	-5.08	peak			
3	*	5460.000	41.60	9.31	50.91	54.00	-3.09	AVG			

HORIZONTA



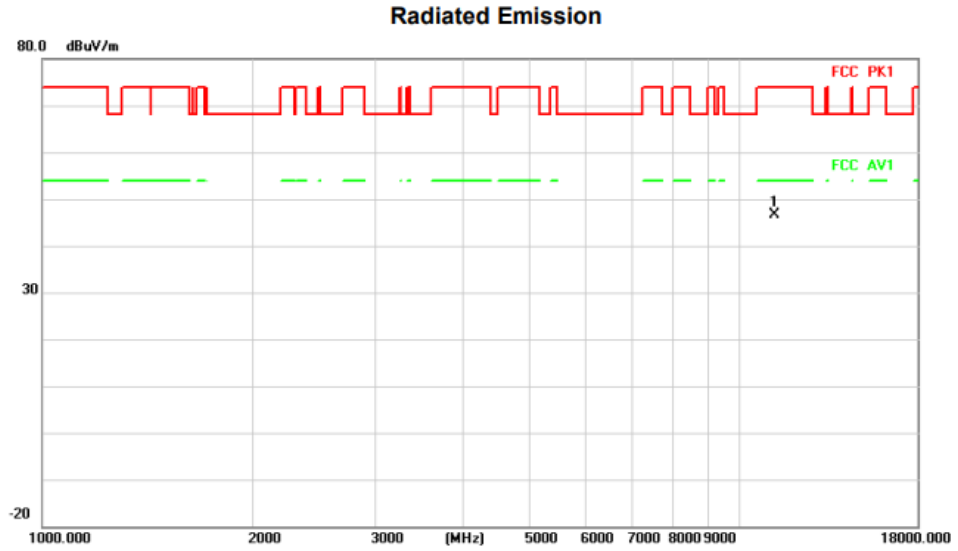
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11060.000	33.98	10.07	44.05	74.00	-29.95	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	36.89	9.30	46.19	68.20	-22.01	peak			
2		5460.000	50.81	9.31	60.12	68.20	-8.08	peak			
3	*	5460.000	38.27	9.31	47.58	54.00	-6.42	AVG			

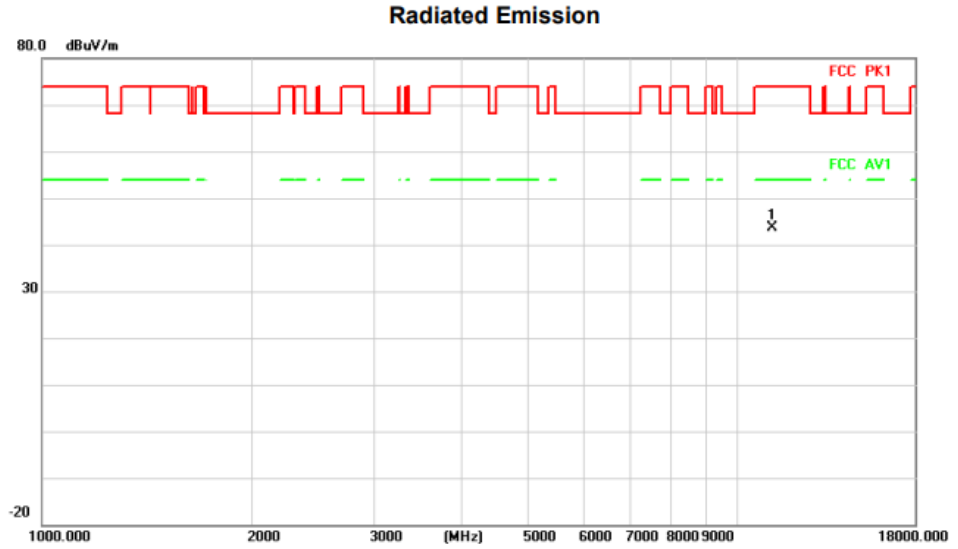
Above 1G (1GHz~18GHz)	Test mode: 11AC80	Test Channel:122

VERTICAL



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11220.000	36.88	9.77	46.65	74.00	-27.35	peak			

HORIZONTA

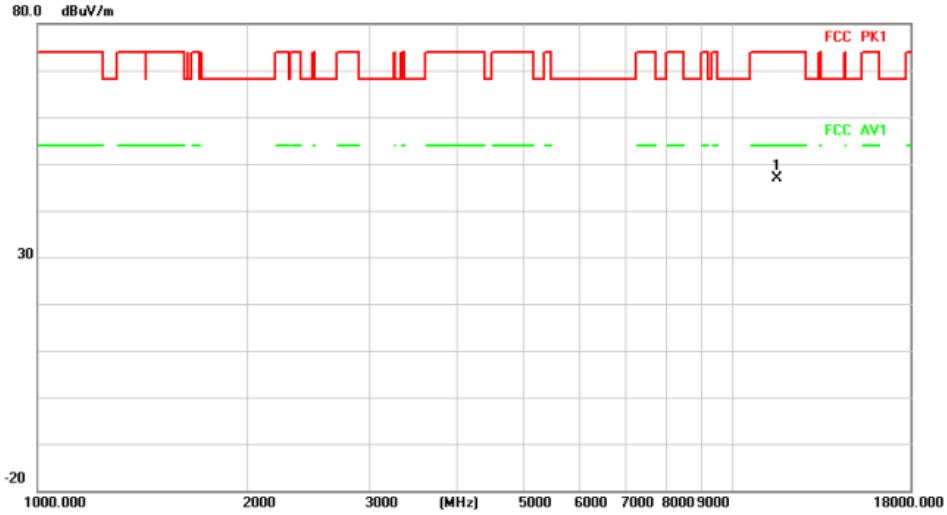


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11220.000	33.74	9.77	43.51	74.00	-30.49	peak			

Above 1G (1GHz~18GHz)	Test mode: 11AC80	Test Channel:155

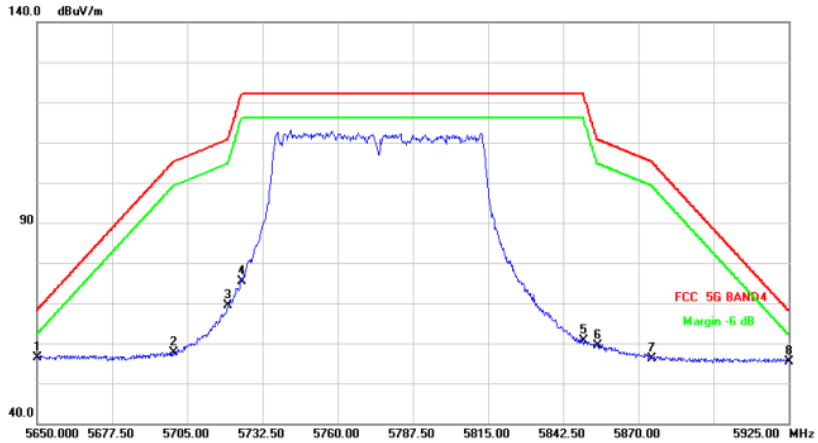
VERTICAL

Radiated Emission



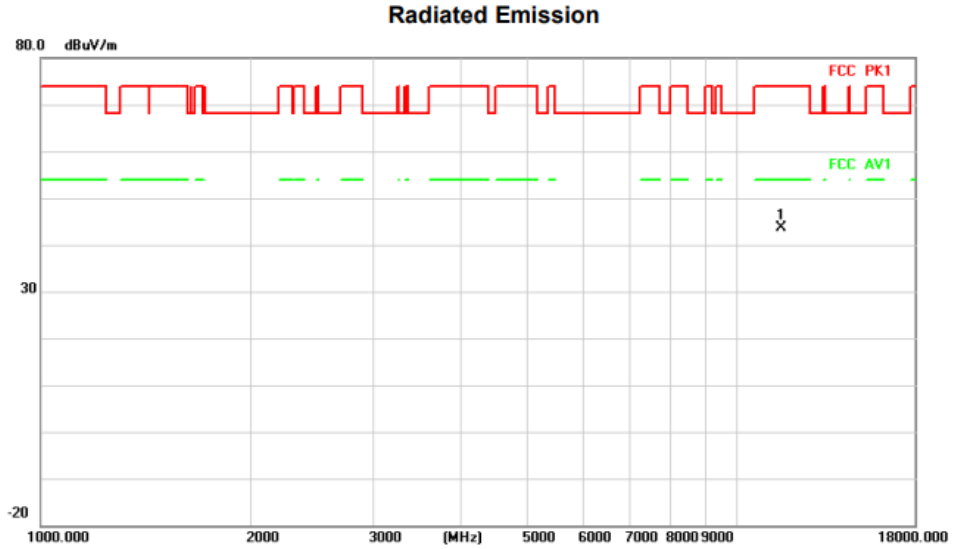
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11550.000	37.08	9.87	46.95	74.00	-27.05	peak			

Radiated Emission

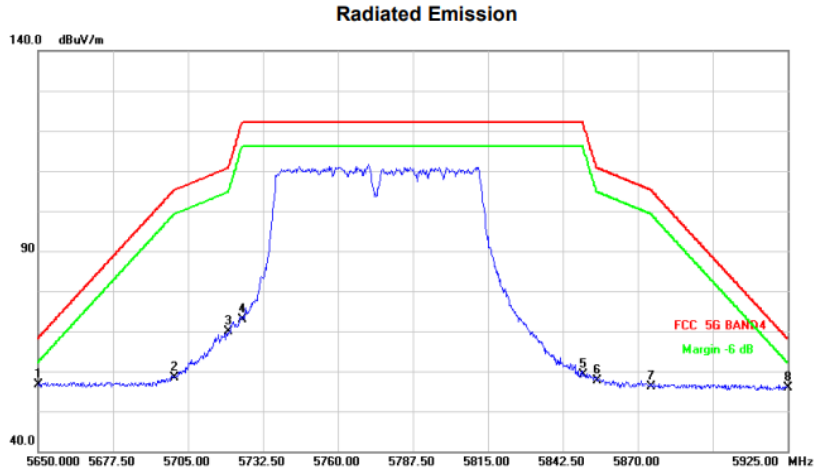


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	47.32	9.16	56.48	68.20	-11.72	peak			
2		5700.000	48.61	9.10	57.71	105.20	-47.49	peak			
3		5720.000	60.33	9.08	69.41	110.80	-41.39	peak			
4		5725.000	66.38	9.08	75.46	122.20	-46.74	peak			
5		5850.000	51.43	9.24	60.67	122.20	-61.53	peak			
6		5855.000	50.20	9.26	59.46	110.80	-51.34	peak			
7		5875.000	46.87	9.36	56.23	105.20	-48.97	peak			
8		5925.000	45.77	9.61	55.38	68.20	-12.82	peak			

HORIZONTA



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11550.000	33.82	9.87	43.69	74.00	-30.31	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	47.55	9.16	56.71	68.20	-11.49	peak			
2		5700.000	49.39	9.10	58.49	105.20	-46.71	peak			
3		5720.000	60.87	9.08	69.95	110.80	-40.85	peak			
4		5725.000	63.90	9.08	72.98	122.20	-49.22	peak			
5		5850.000	49.97	9.24	59.21	122.20	-62.99	peak			
6		5855.000	48.43	9.26	57.69	110.80	-53.11	peak			
7		5875.000	46.70	9.36	56.06	105.20	-49.14	peak			
8		5925.000	46.27	9.61	55.88	68.20	-12.32	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) 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	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 tonscend 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	≥1% x Nominal Channel Bandwidth
VBW	≥3 x RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

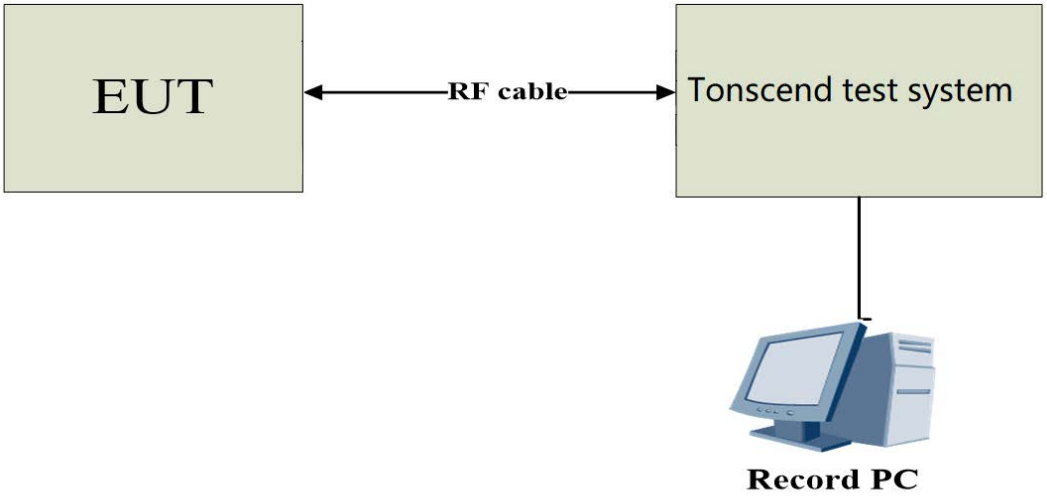
Centre Frequency	The centre frequency of the channel under test
RBW	100 kHz
VBW	300 kHz
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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

Note: For test data, please refer to test report no: RF240314002-03-002.

3.4 Conducted Output Power

3.4.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Conducted Output Power	Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

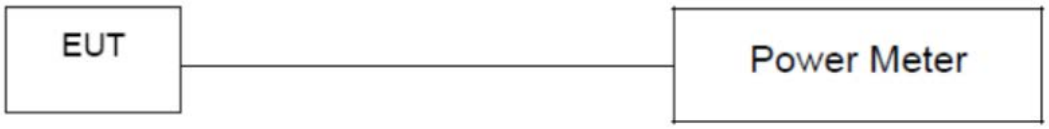
3.4.2 Test Procedure

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 power meter and antenna output port as show in the block diagram below.

b) Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.4.3 Test Setup



3.4.4 Table of Parameters of Text Software Setting

UNII-1			
Test Software Version	cmd.exe		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	Default	Default	Default
IEEE 802.11n(HT20)	Default	Default	Default
IEEE 802.11ac(VHT20)	Default	Default	Default
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	Default	Default	
IEEE 802.11ac(VHT40)	Default	Default	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	Default		

UNII-2A			
Test Software Version	cmd.exe		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	Default	Default	Default
IEEE 802.11n(HT20)	Default	Default	Default
IEEE 802.11ac(VHT20)	Default	Default	Default
Frequency (MHz)	5270	5310	
IEEE 802.11n(HT40)	Default	Default	
IEEE 802.11ac(VHT40)	Default	Default	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	Default		

UNII-2C			
Test Software Version	cmd.exe		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	Default	Default	Default
IEEE 802.11n(HT20)	Default	Default	Default
IEEE 802.11ac(VHT20)	Default	Default	Default
Frequency (MHz)	5510	5550	5670
IEEE 802.11n(HT40)	Default	Default	Default
IEEE 802.11ac(VHT40)	Default	Default	Default
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	Default	Default	

UNII-3			
Test Software Version	cmd.exe		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	Default	Default	Default
IEEE 802.11n(HT20)	Default	Default	Default
IEEE 802.11ac(VHT20)	Default	Default	Default
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	Default	Default	
IEEE 802.11ac(VHT40)	Default	Default	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	Default		

3.4.5 The Result

Note: For test data, please refer to test report no: RF240314002-03-002.

3.5 Power Spectral Density

3.5.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Master device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/300 kHz) to the measured result, i.e. 2.22 dB.
2. During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, offset=cable loss+duty factor+10log(500kHz/300kHz).

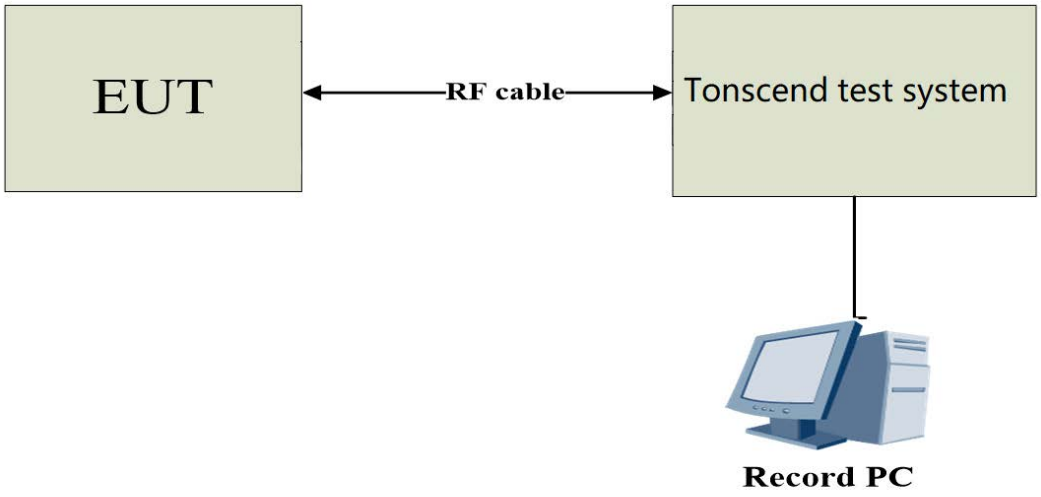
3.5.2 Test Procedure

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 tonscend test system and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

Centre Frequency	The centre frequency of the channel under test
RBW	= 1 MHz (Band1/2/3); = 300kHz (Band4)
VBW	≥3 x RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	RMS
Trace Mode	Max Hold
Sweep Time	Auto Couple

3.5.3 Test Setup



3.5.4 The Result

Note: For test data, please refer to test report no: RF240314002-03-002.

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technical Co., Ltd.

Address: Room 110, 111, 112, 113, 115, 116, Block B, Jinyuan Business Building, No. 302, Xixiang Avenue, Labor Community, Xixiang Street, Baoan District, Shenzhen, China

Tel: 0755-26024411

Email: service@hy-lab.cn

(END OF REPORT)