

RF TEST REPORT

FCC ID: 2BCFY-ERO1ETPRO

Test Report No.....: RF240218004-01-002
 Product(s) Name.....: Mesh Extender
 Model(s).....: ERO1eT PRO
 Trade Mark.....: HEIGHTS
 Applicant.....: Heights Telecom T LTD
 Address.....: Ha-Sakhlav 6, Irus, 7680900, Israel
 Receipt Date.....: 2024.02.20
 Test Date.....: 2024.02.21~2024.03.25
 Issued Date.....: 2024.03.26
 Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
 ANSI C63.10:2013
 Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.


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Table of Contents

History of this test report.....	4
1. General Information	5
1.1 Applicant.....	5
1.2 Manufacturer	5
1.3 Basic Description of Equipment Under Test.....	5
1.4 Transmit Operating Mode.....	6
2. Summary of Test Results	7
2.1 Summary of Test Items	7
2.2 Application of Standard	7
2.3 Test Instruments.....	8
2.4 Operation Mode.....	9
2.5 Test Condition	9
2.6 Duty Cycle of Test Signal	10
2.7 Measurement Uncertainty	16
2.8 Test Location	16
2.9 SUPPORT UNITS	16
3. Test Procedure And Results	17
3.1 AC Power Line Conducted Emission.....	17
3.1.1 Limit	17
3.1.2 Test Procedure	17
3.1.3 Test Setup.....	17
3.1.4 Test Result.....	18
3.2 Radiated Emission.....	20
3.2.1 Limit	20
3.2.2 Test Procedure	21
3.2.3 Test Setup.....	22
3.2.4 Test Result.....	23
3.3 Spectrum Bandwidth	161
3.3.1 Limit	161
3.3.2 Test Procedure	161



3.3.3	Test Setup.....	162
3.3.4	Test Result.....	163
3.4	Conducted Output Power	579
3.4.1	Limit	579
3.4.2	Test Procedure	579
3.4.3	Test Setup.....	579
3.4.4	Table of Parameters of Text Software Setting	580
3.4.5	The Result.....	582
3.5	Power Spectral Density	600
3.5.1	Limit	600
3.5.2	Test Procedure	600
3.5.3	Test Setup.....	601
3.5.4	The Result.....	602



1. General Information

1.1 Applicant

Heights Telecom T LTD
Ha-Sakhlav 6, Irus, 7680900, Israel

1.2 Manufacturer

Heights Telecom T LTD
Ha-Sakhlav 6, Irus, 7680900, Israel

1.3 Basic Description of Equipment Under Test

Product No.	POC240218004-S001	
Equipment Name	Mesh Extender	
Model Name	ERO1eT PRO	
Trade Mark	HEIGHTS	
Power Supply	DC 12V from adapter	
Adapter Information	Model: SOY-1200250US-459 Input: 100-240V~ 50/60Hz 0.9A Max Output: 12V=== 2.5A, 30W	
Operating Temperature	0°C-45°C	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11n40: 29.38dBm(0.867W)
	5250MHz ~5350MHz	802.11ax40: 23.23dBm(0.210W)
	5470MHz ~5725MHz	802.11ax40: 23.39dBm(0.218W)
	5725MHz ~5850MHz	802.11ac40: 29.41dBm(0.873W)
Product Type	IEEE 802.11a/n/ac/ax: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz / 160MHz	
Modulation	OFDM, OFDMA	
Antenna gain	Ant1: 4.50dBi, Ant2: 3.79dBi, Ant3: 3.75dBi, Ant4: 4.25dBi	
Directional gain	6.51dBi(from the antenna report)	
Antenna type	PCB Antenna	
Data Rate (Mbps)	IEEE 11a mode : 6/9/12/18/24/36/48/54 IEEE 11n mode : up to 600 IEEE 11ac mode : up to 3464 IEEE 11ax mode : up to 4803.9	
Type of Device	Master device (Indoor AP for 5150MHz~5250MHz)	
DFS Function (Master devices)	●	5250MHz ~5350MHz
	●	5470MHz ~5725MHz

Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac /ax (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 /ax (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 /ax (80MHz)	5210	42
5250-5350		5290	58
5470-5725		5530-5610	106-122
5725-5850		5775	155
5150-5350	802.11 ac /ax (160MHz)	5250	50
5470-5725		5570	114

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

1.4 Transmit Operating Mode

Transmit Operating Mode				Transmit Multiple Antennas			
<input type="radio"/> Operating mode 1 (single antenna)				<input type="radio"/> 1TX			
<input checked="" type="radio"/> Operating mode 2 (multiple antenna, no beam forming)				<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX	
<input type="radio"/> Operating mode 3 (multiple antenna, with beam forming)				<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input type="radio"/> 4TX	
<input checked="" type="radio"/> 802.11a	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11n(20MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11n(40MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ac(20MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ac(40MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ac(80MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ac(160MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ax(20MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ax(40MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ax(80MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		
<input checked="" type="radio"/> 802.11ax(160MHz)	Operating mode	<input type="radio"/> 1TX	<input type="radio"/> 2TX	<input type="radio"/> 3TX	<input checked="" type="radio"/> 4TX		

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Test item	Standard	Results	Remarks
AC Power Conducted Emission	15.207 15.407(b)	Pass	Meet the requirement of the limit
Radiated Emission	15.205(a) 15.209(a) 15.407(b)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note
Spectrum Bandwidth	15.407(a) 15.407(e)	Pass	Meet the requirement of the limit
Conducted Output Power	15.407(a)	Pass	Meet the requirement of the limit
Power Spectral Density	15.407(a)	Pass	Meet the requirement of the limit
Dynamic Frequency Selection (DFS)	15.407(h)	Pass	See the report RF240218004-01-003 for details
Note: The EUT has 4 PCB antennas arrangement which was permanently attached.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

ANSI C63.10:2013

2.3 Test Instruments

Radiated Emissions						
No.	Equipment	Manufacturer	Type No.	Serial No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	Test receiver	Rohde&Schwarz	ESU	100184	2023/5/3	2024/5/2
2	MXA Signal Analyzer	Keysight	N9010A	MY514401 58	2023/4/22	2024/4/21
3	Log periodic antenna	Schwarzbeck	VULB 9168	1151	2023/5/4	2024/5/3
4	Low frequency amplifier	/	LNA 0920N	2014	2023/5/3	2024/5/2
5	High frequency amplifier	Schwarzbeck	BBV 9718	284	2023/5/3	2024/5/2
6	Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D- 1273	2023/5/4	2024/5/3
7	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
8	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	2023/7/16	2024/7/15
9	Loop Antenna	SCHWARZBECK	FMZB1519 B	00029	2023/7/16	2024/7/15
10	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	2023/5/3	2024/5/2
13	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2			
Conducted Emission						
1	LISN	Rohde&Schwarz	ENV216	100075	2023/5/3	2024/5/2
2	ISN	Schwarzbeck	CATE 5 8158	#171	2023/5/3	2024/5/2
3	ISN	Schwarzbeck	CAT 3 8158	00187	2023/4/1	2024/3/31
4	Test receiver	Rohde&Schwarz	ESCI	100718	2023/5/3	2024/5/2
5	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	2023/5/3	2024/5/2
6	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
7	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2			
RF Conducted Emission						
1	MXA Signal Analyzer	Keysight	N9021B	MY600801 69	2023/4/23	2024/4/22
2	RF Control Unit	dsusoft	JS0806-2	21G806044 9	2023/4/23	2024/4/22
3	power supply unit	dsusoft	JS0806- 4ADC	N/A	2023/4/23	2024/4/22
4	VXG Signal Generator	Keysight	M9384B	MY612707 87	2023/4/23	2024/4/22
5	EXG Analog Signal Generator	Keysight	N5173B	MY591012 82	2023/4/23	2024/4/22
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002 K50- 116064-Dt	2023/4/23	2024/4/22
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0			

2.4 Operation Mode

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

2.5 Test Condition

Test Item	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	23.3°C, 48% RH	AC 120V/60Hz	Albert Fan
Radiated Emission	23.1°C, 54% RH	AC 120V/60Hz	Albert Fan
Spectrum Bandwidth	23.8°C, 55% RH	DC 12V	Henry Huang
Conducted Power	23.8°C, 55% RH	DC 12V	Henry Huang
Power Spectral Density	23.8°C, 55% RH	DC 12V	Henry Huang

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 12V DC, 0~45°C

2.6 Duty Cycle of Test Signal

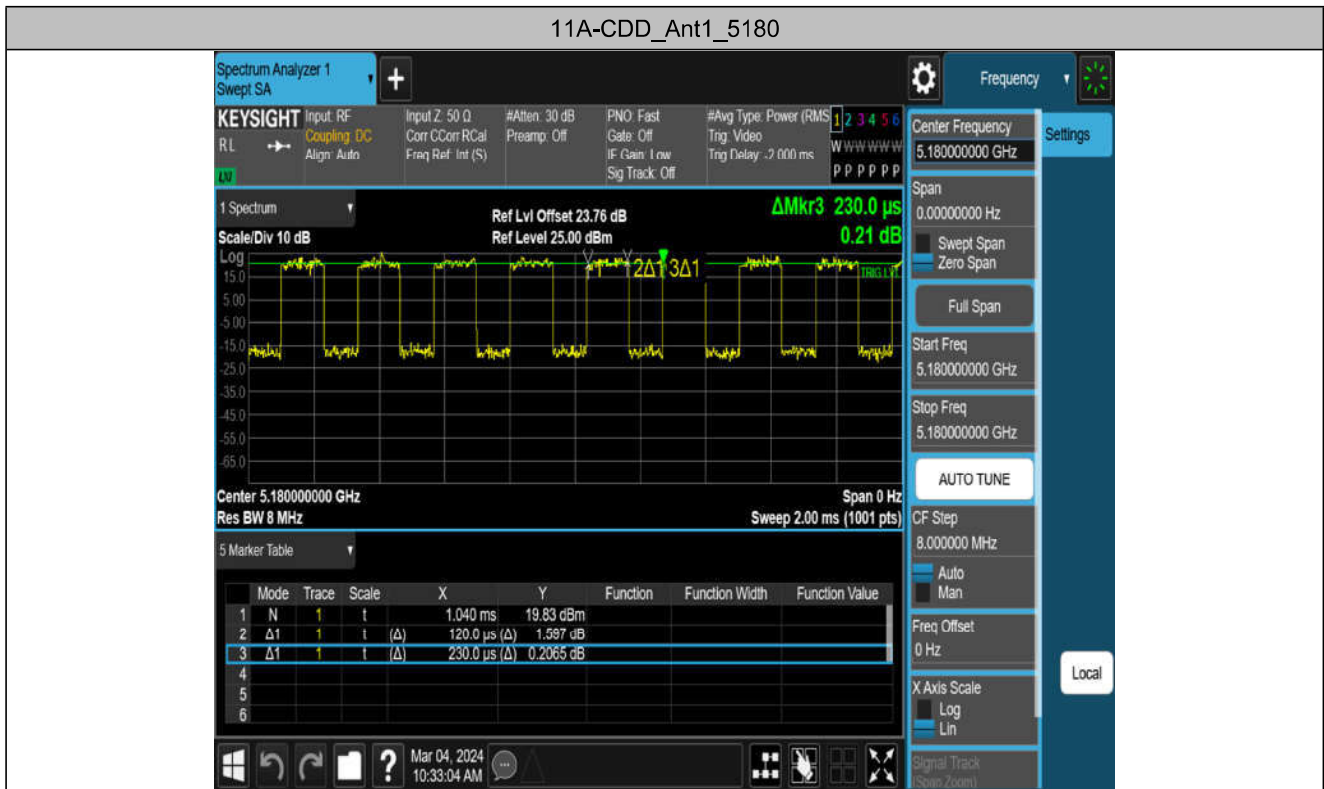
If duty cycle is $\geq 98\%$, duty factor is not required.

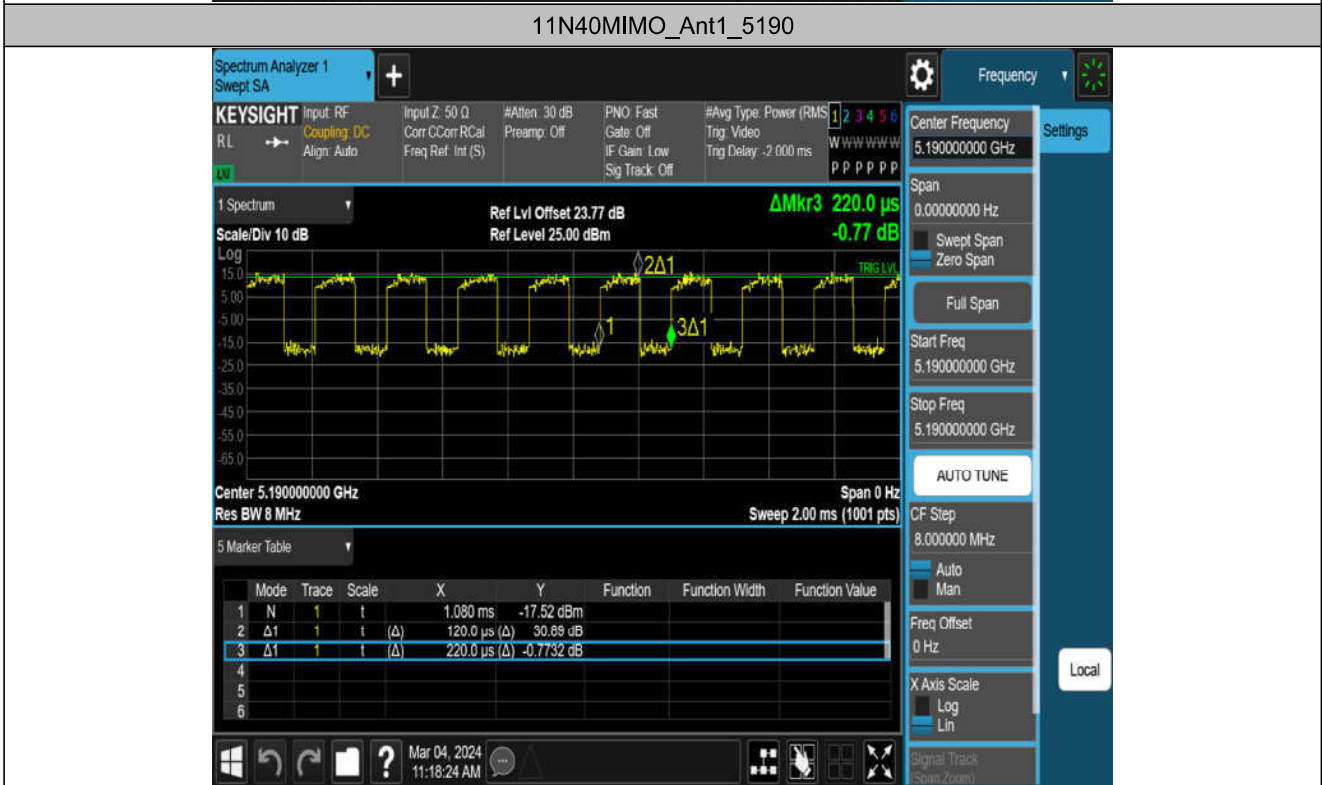
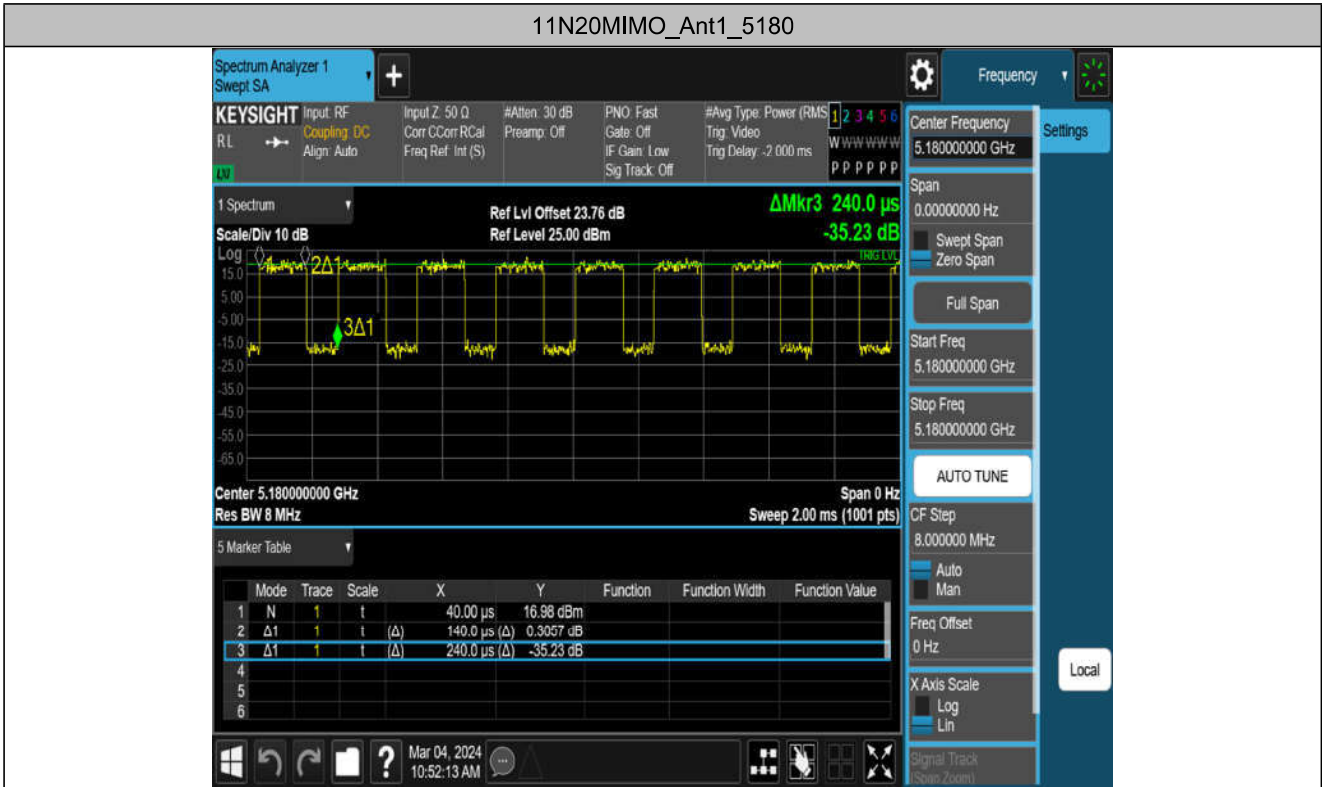
If duty cycle is $< 98\%$, duty factor shall be considered.

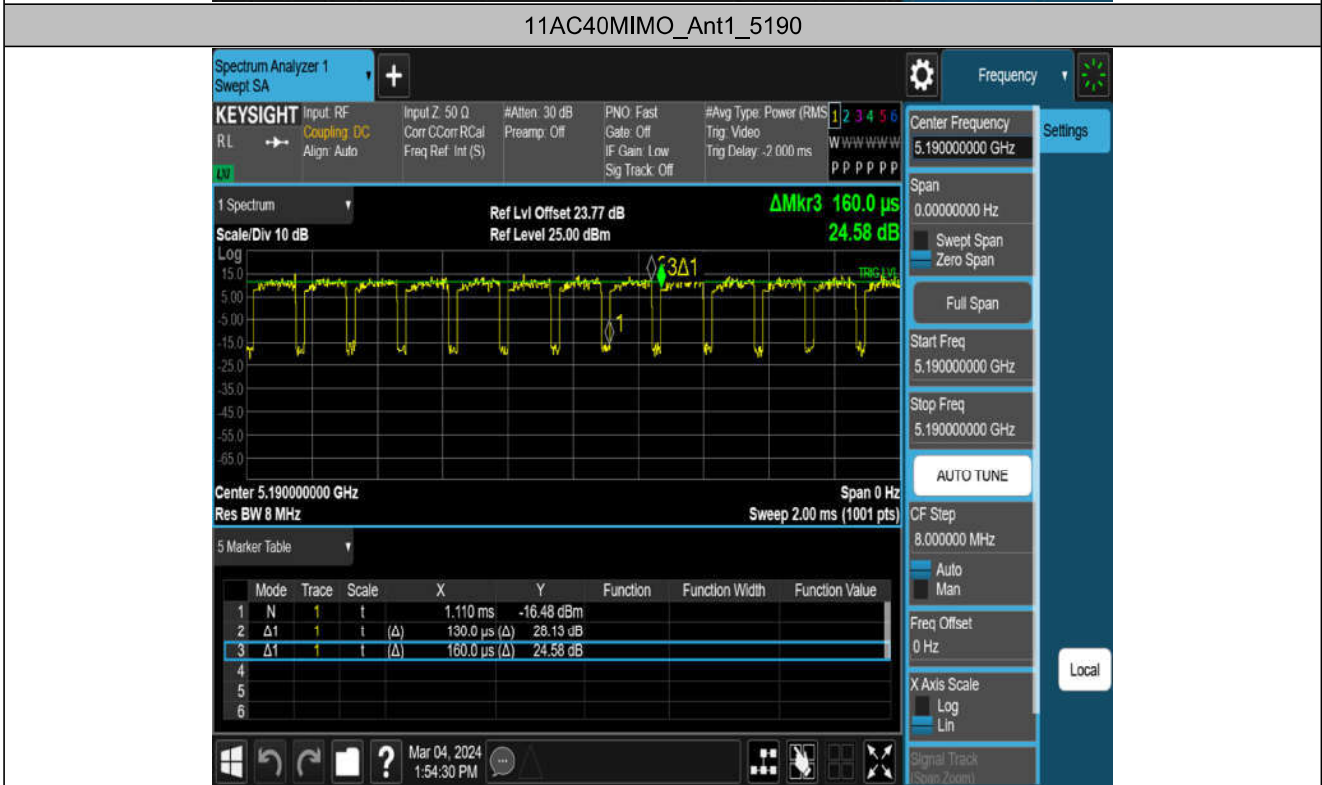
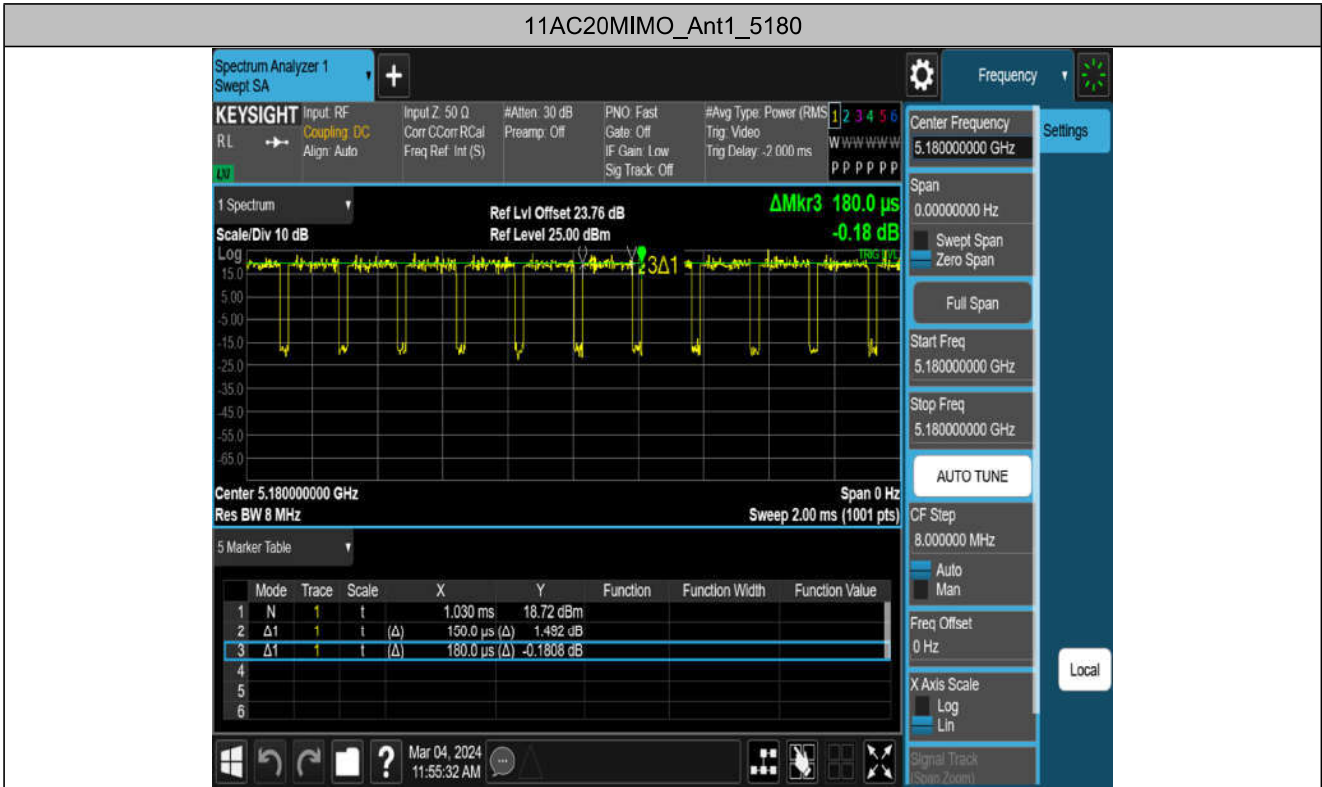
All the duty factor of other test mode have been considered.

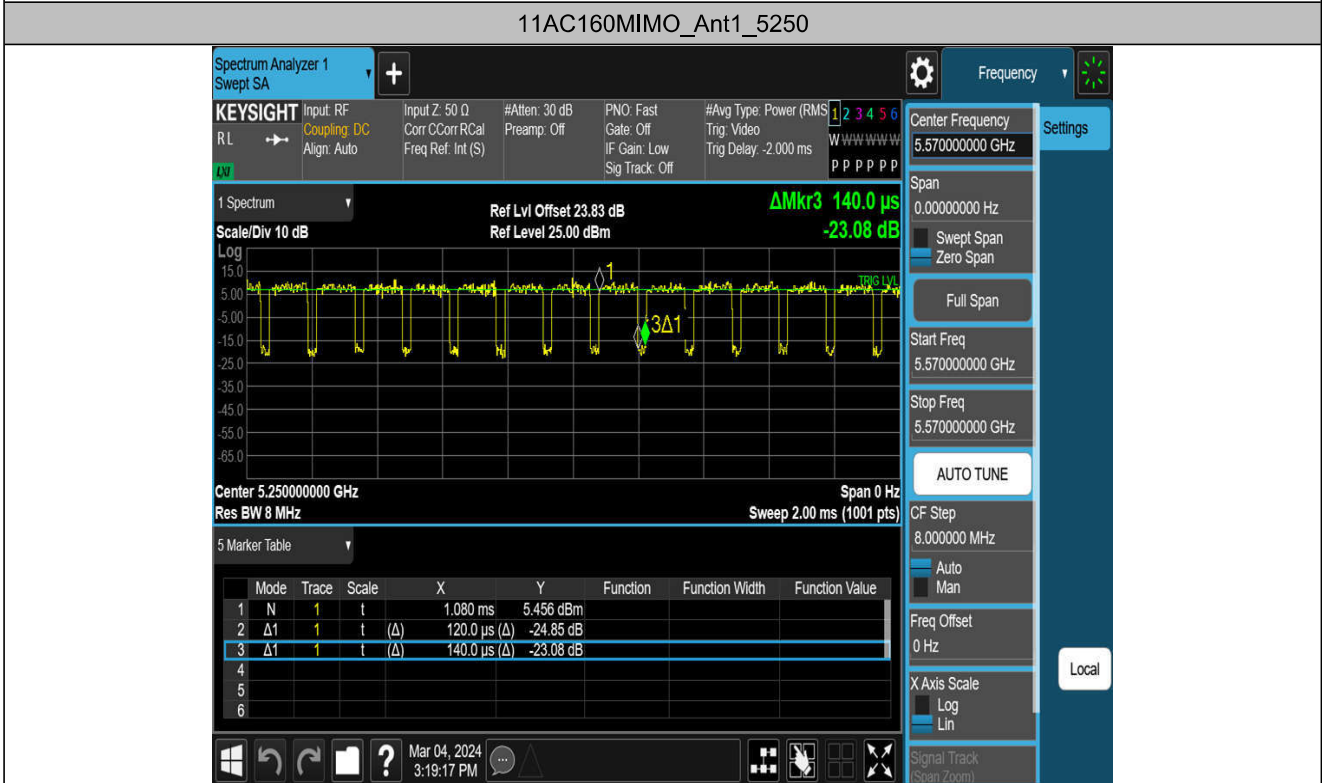
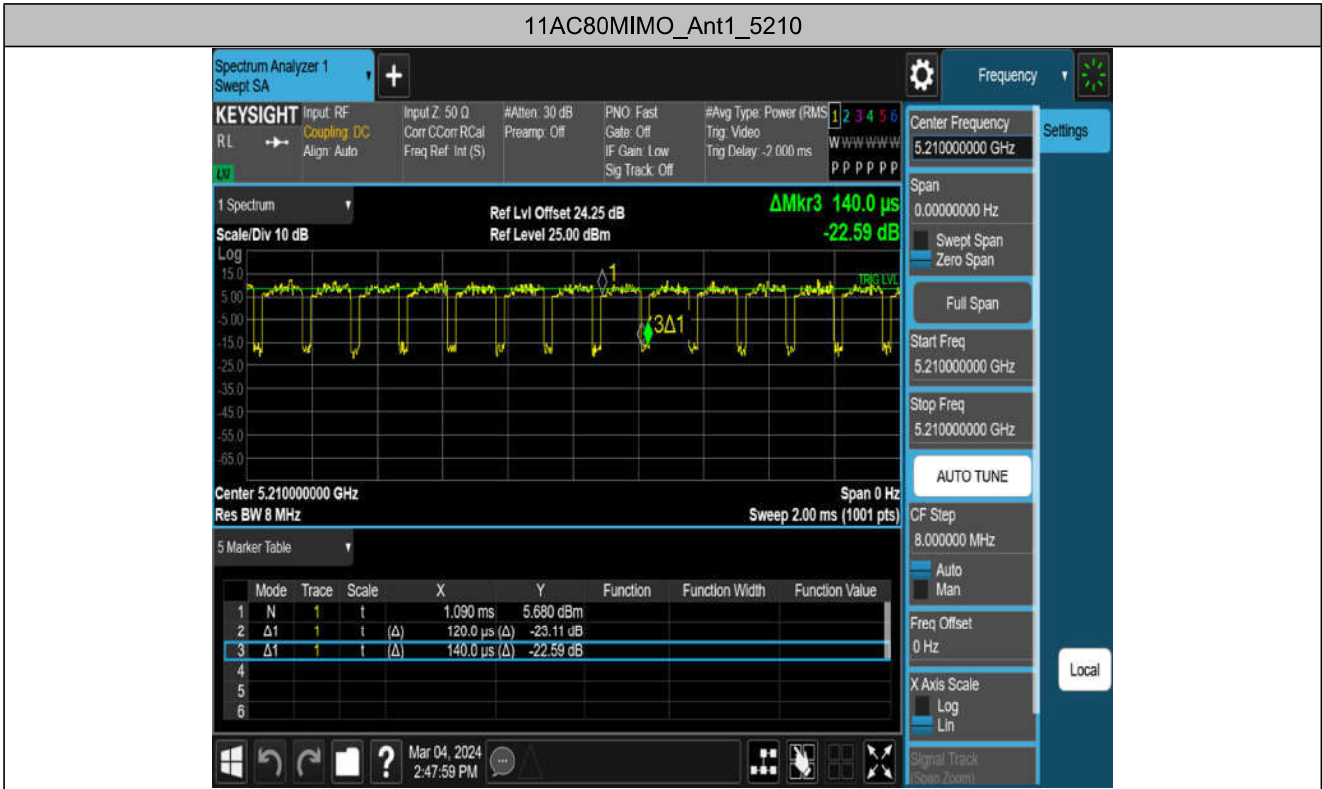
Test Mode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A-CDD	5180	0.12	0.23	52.17	---	---
11N20MIMO	5180	0.14	0.24	58.33	---	---
11N40MIMO	5190	0.12	0.22	54.55	---	---
11AC20MIMO	5180	0.15	0.18	83.33	---	---
11AC40MIMO	5190	0.13	0.16	81.25	---	---
11AC80MIMO	5210	0.12	0.14	85.71	---	---
11AC160MIMO	5250	0.12	0.14	85.71	---	---
11AX20MIMO	5180	0.32	0.35	91.43	---	---
11AX40MIMO	5190	0.31	0.33	93.94	---	---
11AX80MIMO	5210	0.29	0.33	87.88	---	---
11AX160MIMO	5250	0.45	0.49	91.84	---	---

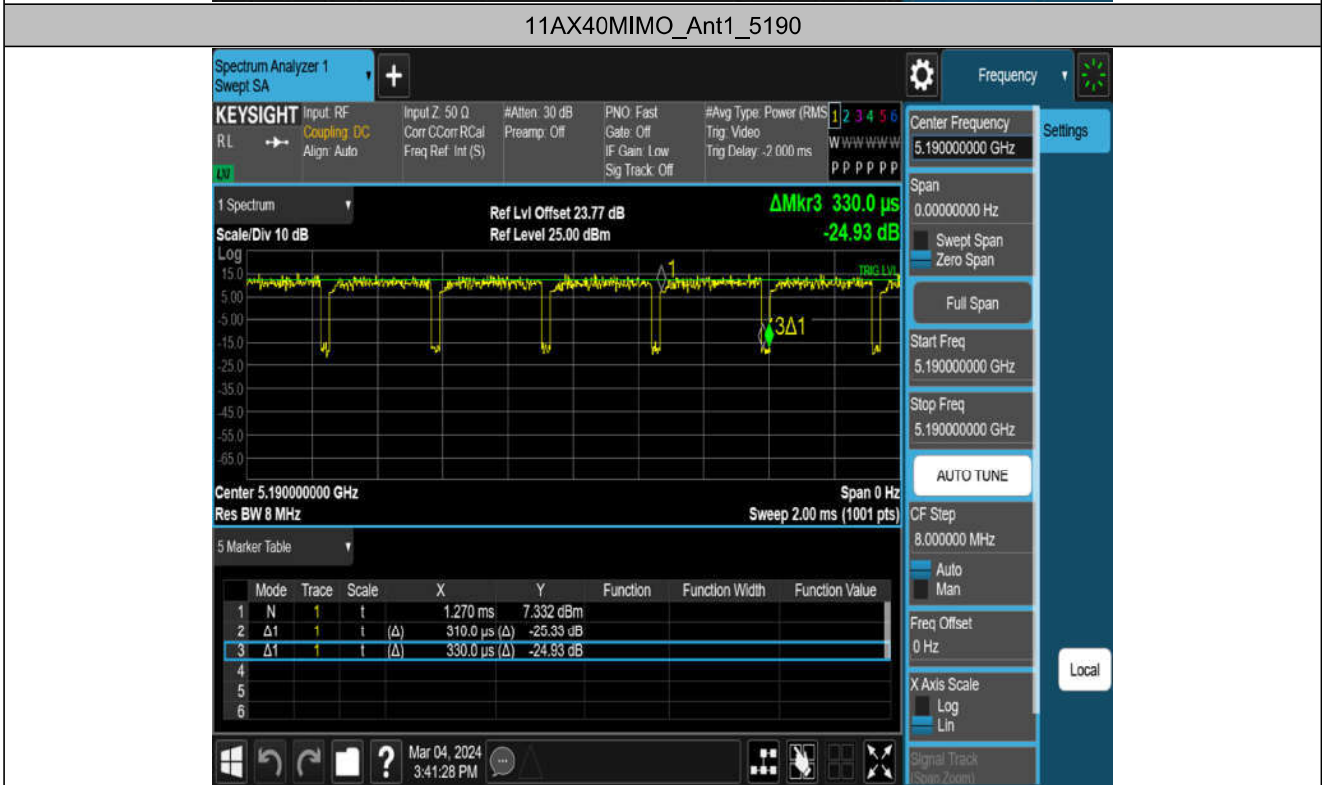
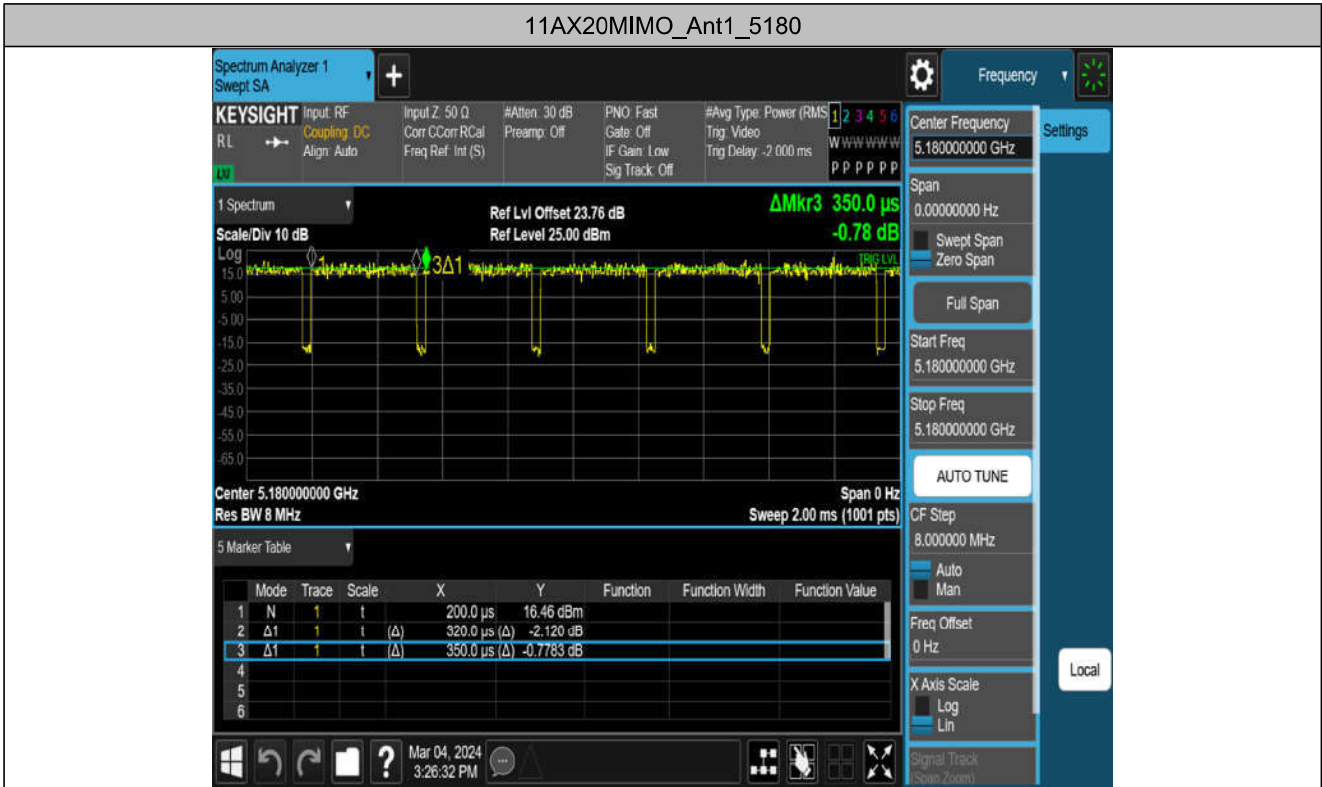
Test Graphs

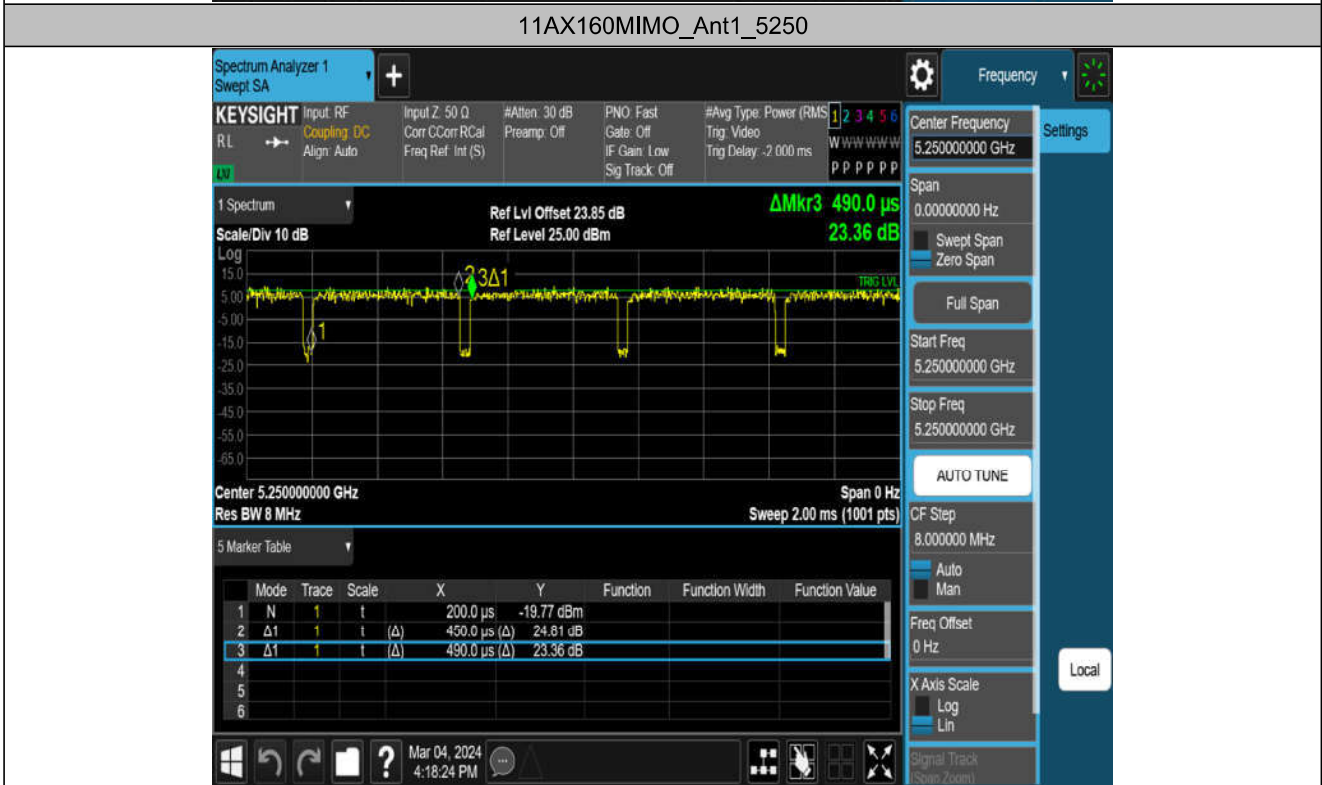
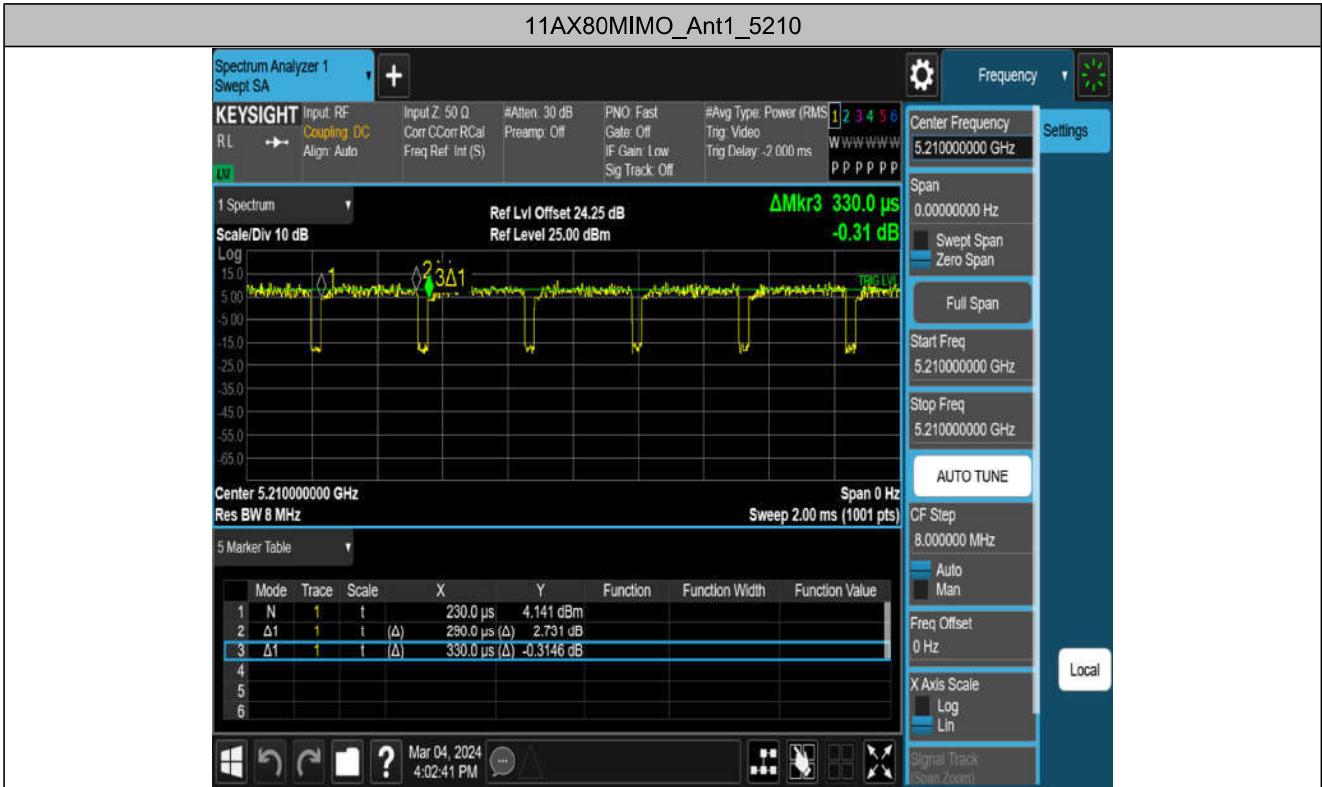












2.7 Measurement Uncertainty

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	±143.88kHz
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
RF power conducted	±0.384dB
Conducted emission(9kHz~30MHz) AC main	±2.72dB
Radiated emission(9kHz~30MHz)	±2.66dB
Radiated emission (30MHz~1GHz)	±4.62dB
Radiated emission (1GHz~18GHz)	±4.86dB
Radiated emission (18GHz~40GHz)	±3.80dB

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

Support Equipment				
No.	Equipment	Model Name	Manufacturer	Remarks
1	Microcomputer	TY510S-07IAB	LENOVO	YLX2QPQJ
2	Microcomputer	TY510S-07IAB	LENOVO	YLX2QPM7
3	Microcomputer	M4600t-N000	LENOVO	M703V3VF

3. Test Procedure And Results

3.1 AC Power Line Conducted Emission

3.1.1 Limit

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

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

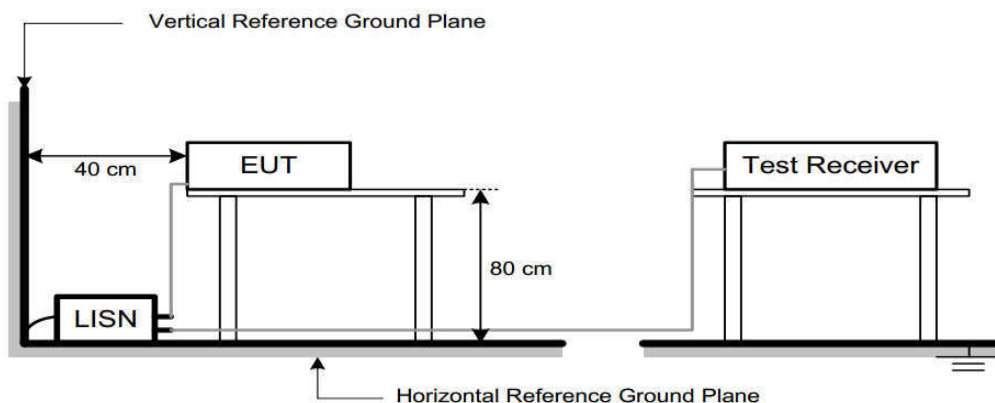
2. The lower limit shall apply at the transition frequencies.

3.1.2 Test Procedure

Test Method	
<input checked="" type="radio"/> Conducted Measurement	<input type="radio"/> Radiated Measurement
Test Channels	
<input type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: <input checked="" type="radio"/> : Test <input type="radio"/> : No Test	

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

3.1.3 Test Setup



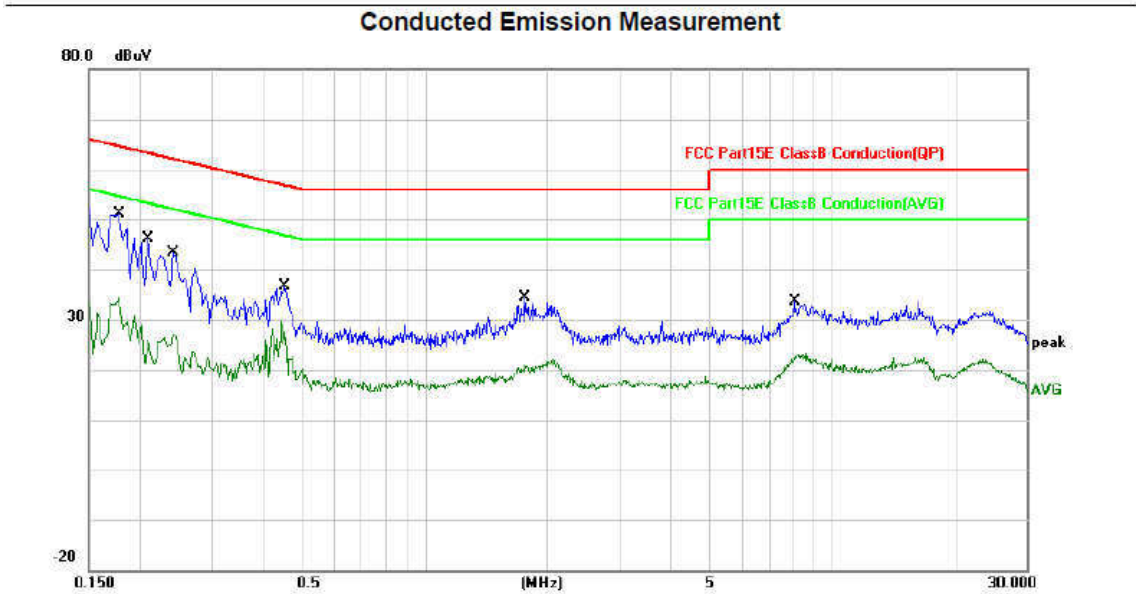
3.1.4 Test Result

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading + Correct Factor.
3. Over = Measurement – Limit
4. The TX AC40MIMO Mode Channel 151 is found to be the worst case and recorded.

150kHz~30MHz	TX AC40MIMO Channel 151
--------------	-------------------------

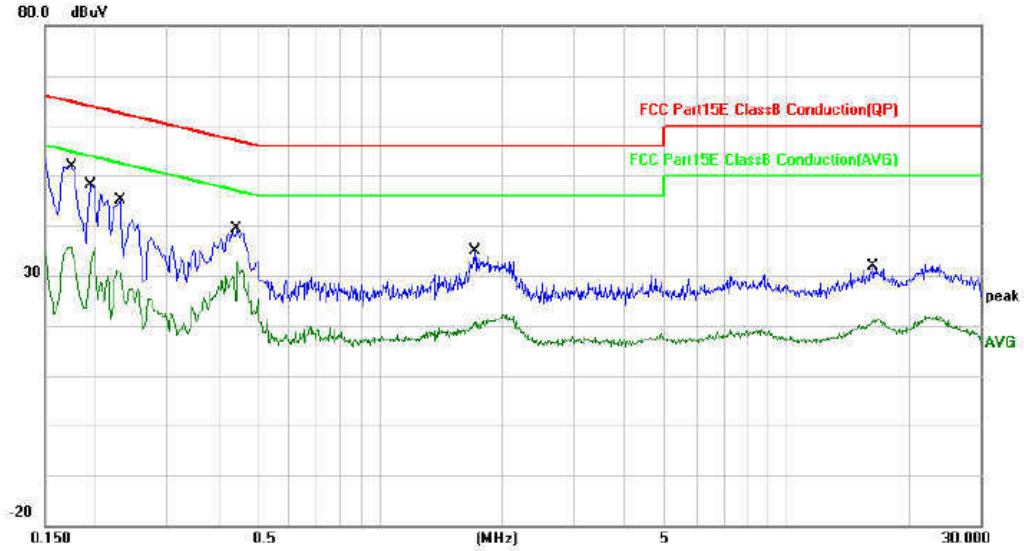
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1768	28.22	20.09	48.31	64.63	-16.32	QP	
2		0.1768	13.46	20.09	33.55	54.63	-21.08	AVG	
3		0.2100	21.96	19.99	41.95	63.21	-21.26	QP	
4		0.2100	4.29	19.99	24.28	53.21	-28.93	AVG	
5		0.2420	18.02	19.98	38.00	62.03	-24.03	QP	
6		0.2420	5.38	19.98	25.36	52.03	-26.67	AVG	
7		0.4540	11.38	20.28	31.66	56.80	-25.14	QP	
8		0.4540	3.72	20.28	24.00	46.80	-22.80	AVG	
9		1.7620	7.15	20.08	27.23	56.00	-28.77	QP	
10		1.7620	-1.02	20.08	19.06	46.00	-26.94	AVG	
11		8.1020	6.39	20.05	26.44	60.00	-33.56	QP	
12		8.1020	0.52	20.05	20.57	50.00	-29.43	AVG	

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1740	27.01	20.26	47.27	64.77	-17.50	QP	
2		0.1740	12.80	20.26	33.06	54.77	-21.71	AVG	
3		0.1965	24.60	20.34	44.94	63.76	-18.82	QP	
4		0.1965	8.94	20.34	29.28	53.76	-24.48	AVG	
5		0.2300	19.86	20.16	40.02	62.45	-22.43	QP	
6		0.2300	6.64	20.16	26.80	52.45	-25.65	AVG	
7		0.4460	15.76	20.14	35.90	56.95	-21.05	QP	
8		0.4460	7.42	20.14	27.56	46.95	-19.39	AVG	
9		1.7100	6.87	20.32	27.19	56.00	-28.81	QP	
10		1.7100	-0.55	20.32	19.77	46.00	-26.23	AVG	
11		16.3740	4.52	20.17	24.69	60.00	-35.31	QP	
12		16.3740	-0.36	20.17	19.81	50.00	-30.19	AVG	

3.2 Radiated Emission

3.2.1 Limit

1) Limit of radiated emission measurement:

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

Frequency (MHz)	Distance Meters(m)	Field Strength Limit	
		$\mu\text{V}/\text{m}$	$\text{dB}(\mu\text{V})/\text{m}$
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 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

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

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

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

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

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

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

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

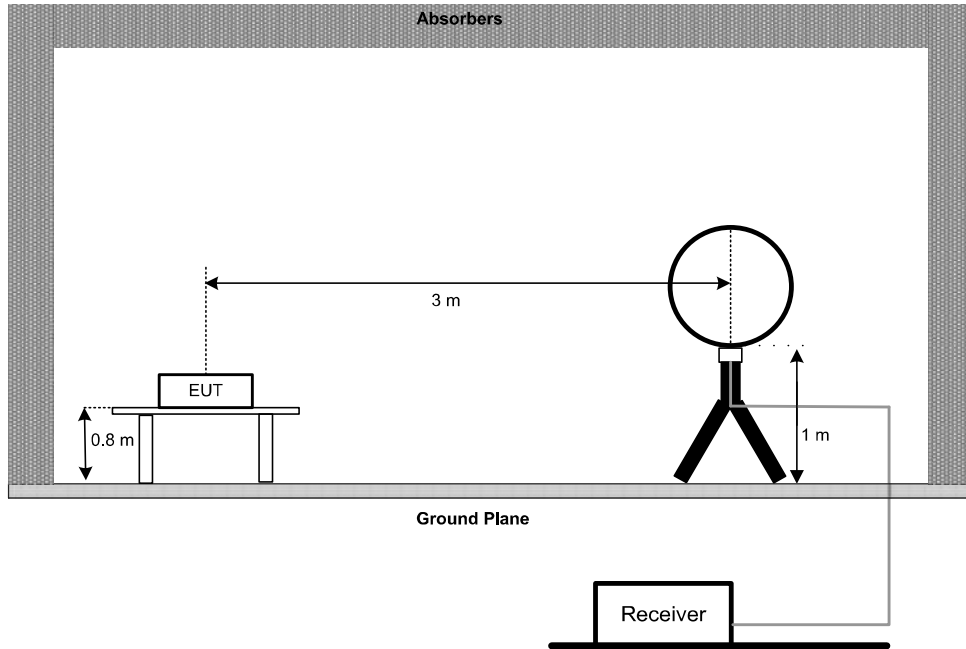
3.2.2 Test Procedure

Test Method	
<input type="radio"/> Conducted Measurement	<input checked="" type="radio"/> Radiated Measurement
Test Channels	
<input checked="" type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: <input checked="" type="radio"/> :Test <input type="radio"/> :No Test	

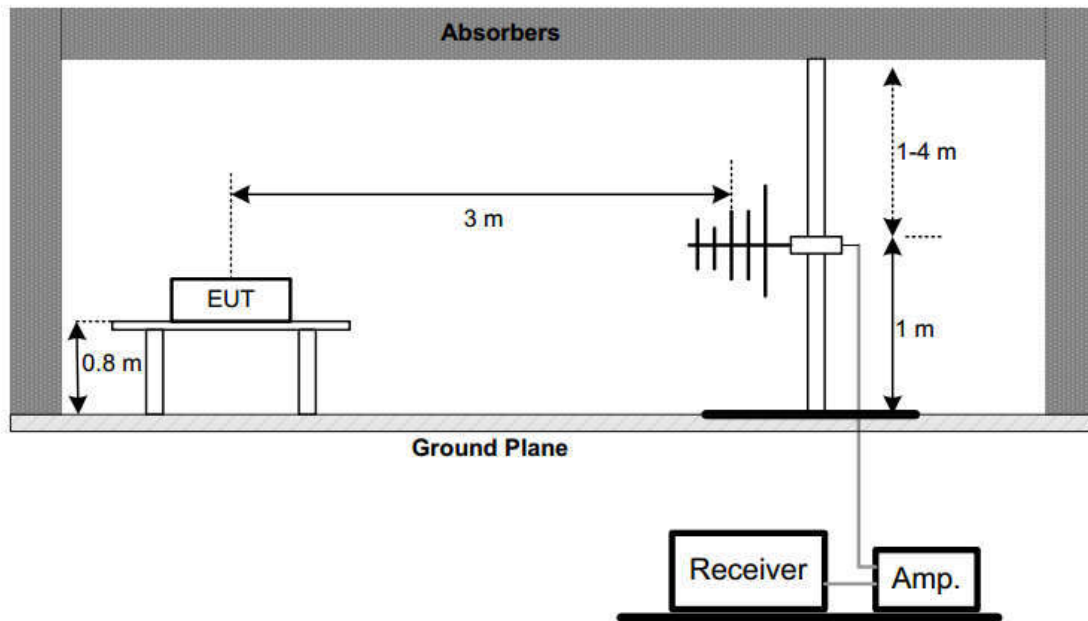
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

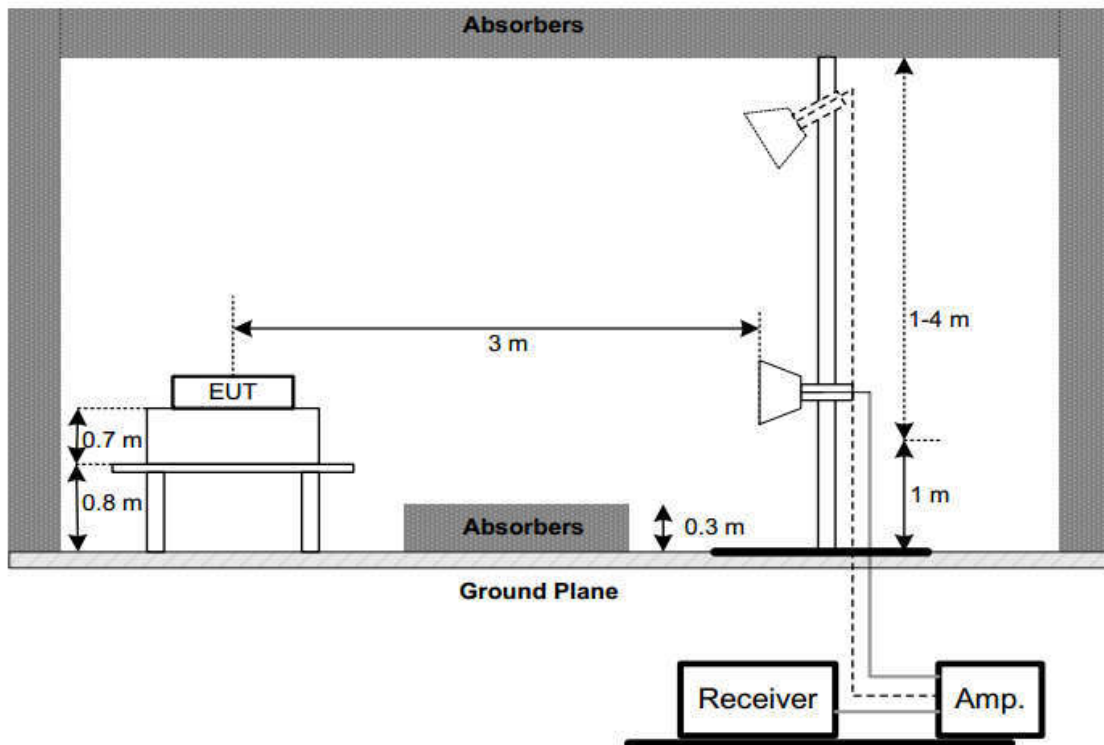
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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

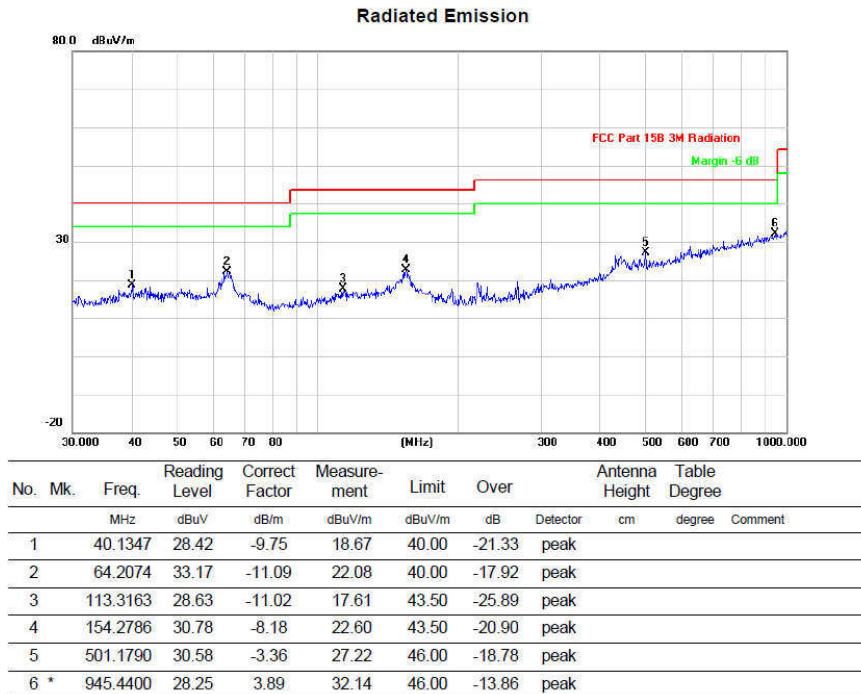
The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

2) Radiated emission: 30MHz-1G

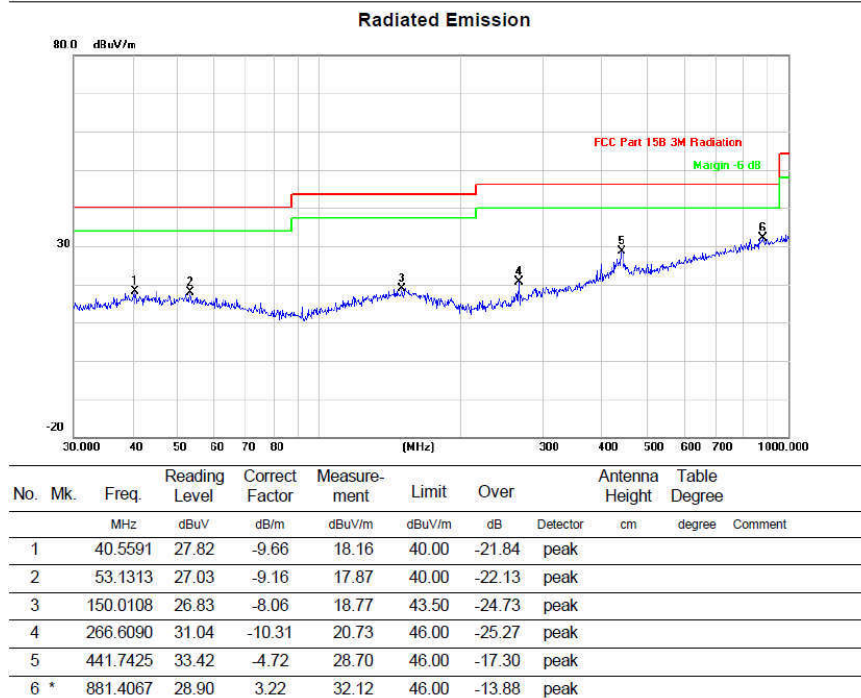
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX AX40MIMO Mode Channel 151 is found to be the worst case and recorded.

VERTICAL



HORIZONTAL

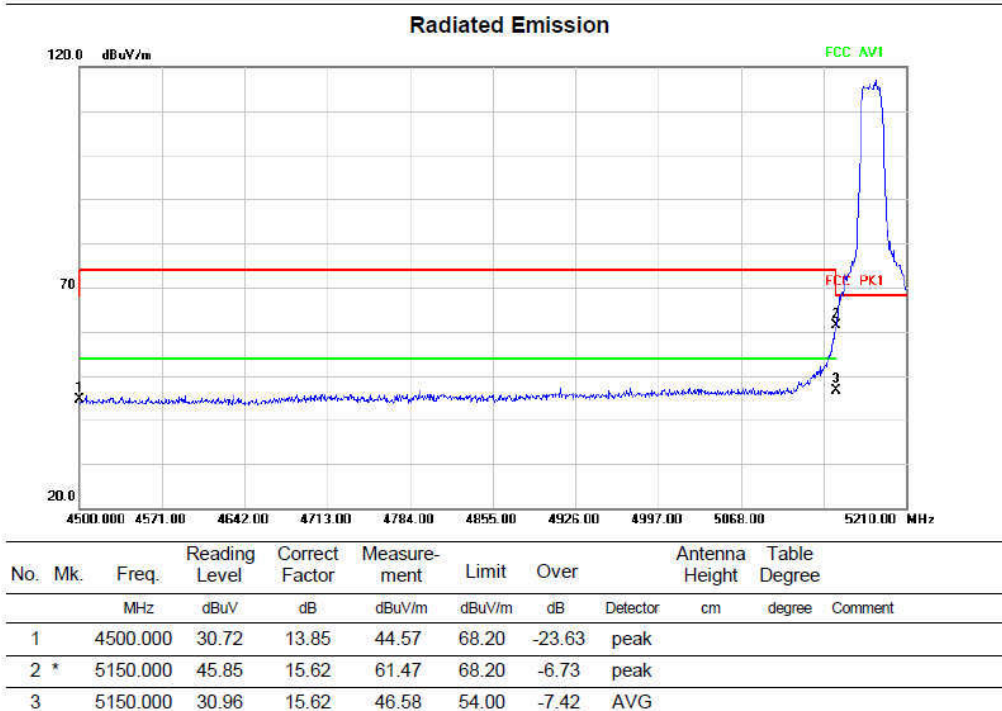
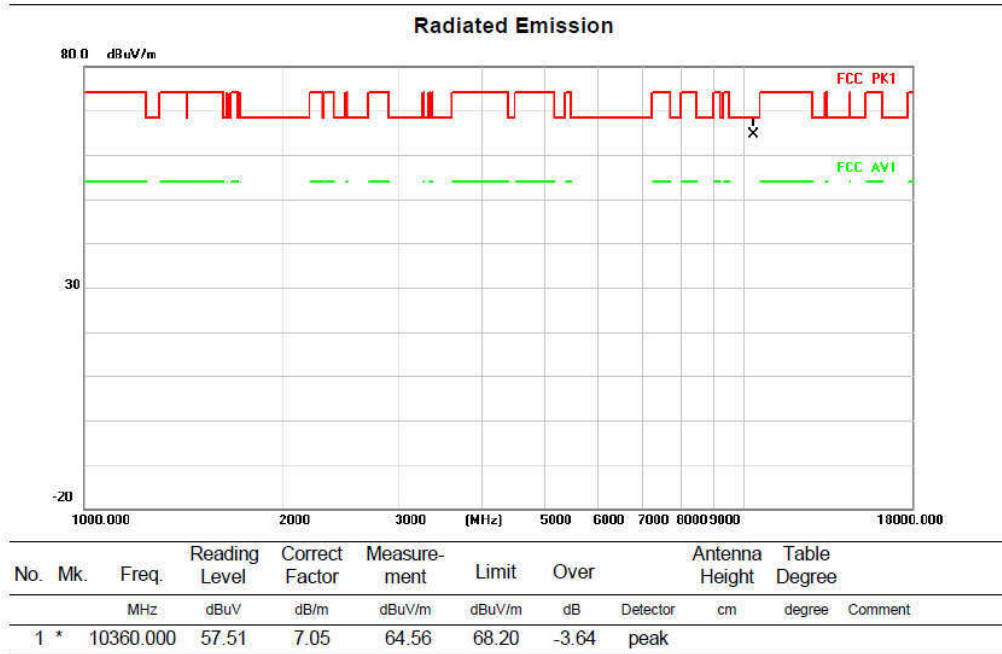


3) Radiated emission: Above 1G

Note:

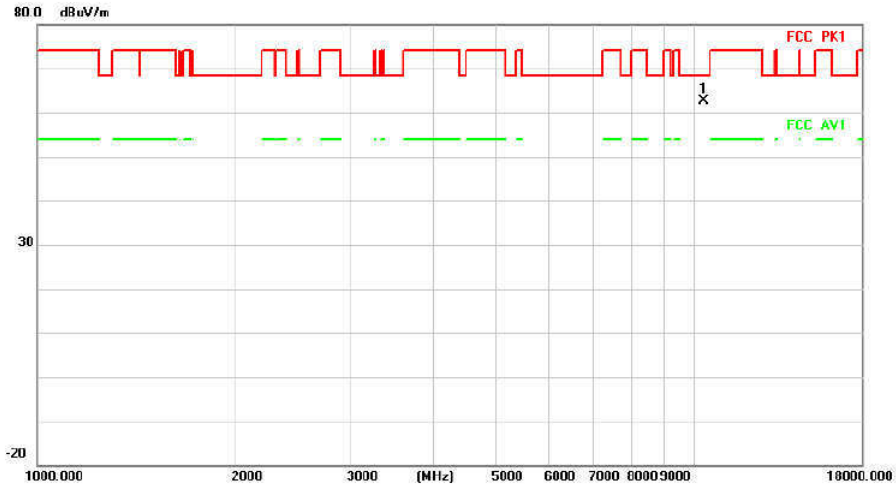
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

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



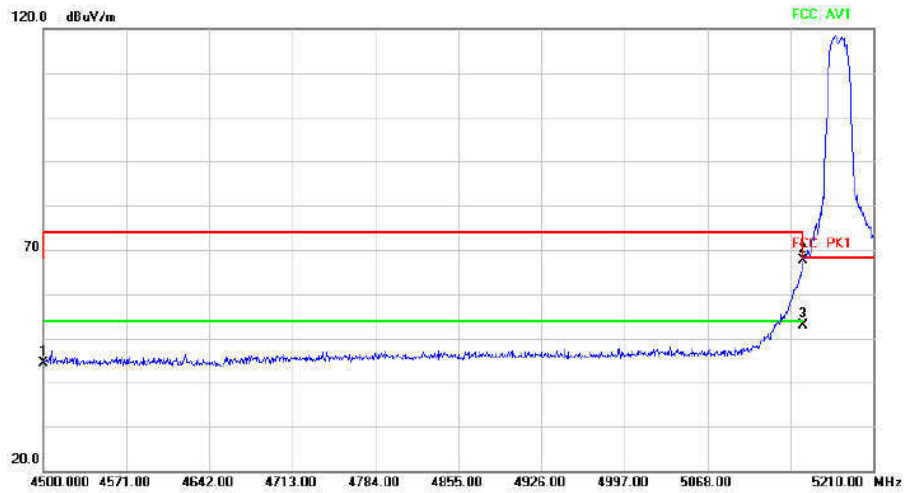
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1 *		10360.000	55.67	7.05	62.72	68.20	-5.48	peak	

Radiated Emission



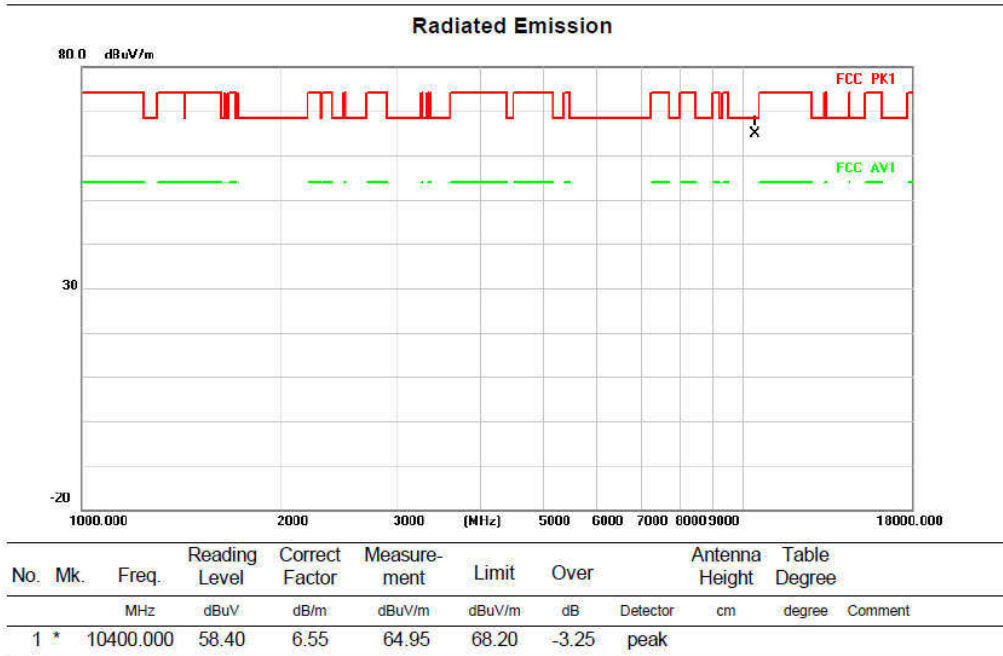
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	30.46	13.85	44.31	68.20	-23.89	peak	
2 *		5150.000	51.95	15.62	67.57	68.20	-0.63	peak	
3		5150.000	37.18	15.62	52.80	54.00	-1.20	AVG	

Above 1G (1GHz~18GHz)

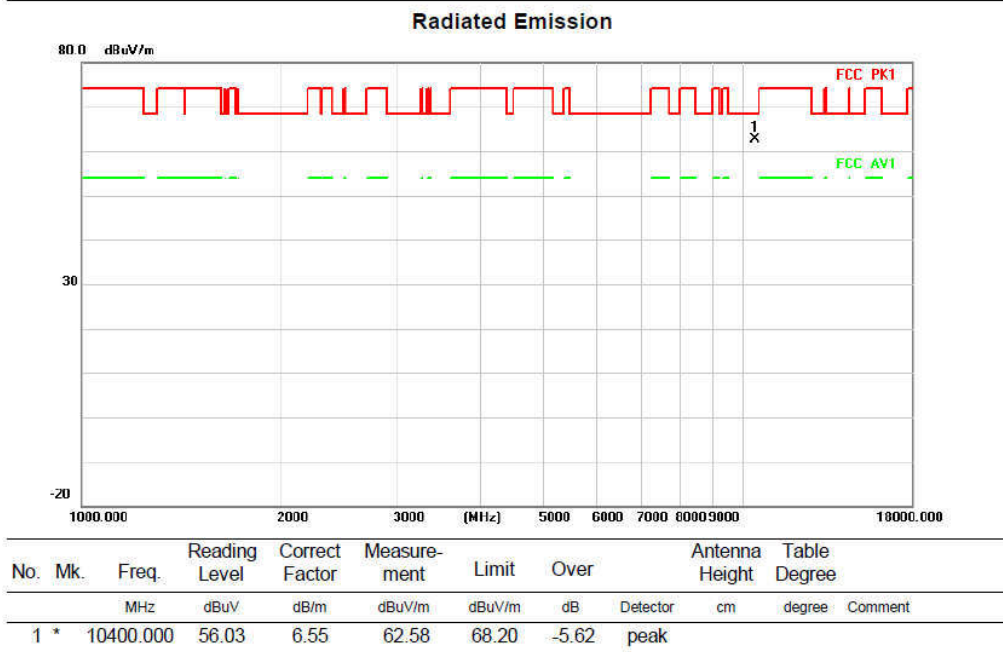
Test mode: 11A-CDD

Test Channel:40

VERTICAL



HORIZONTAL



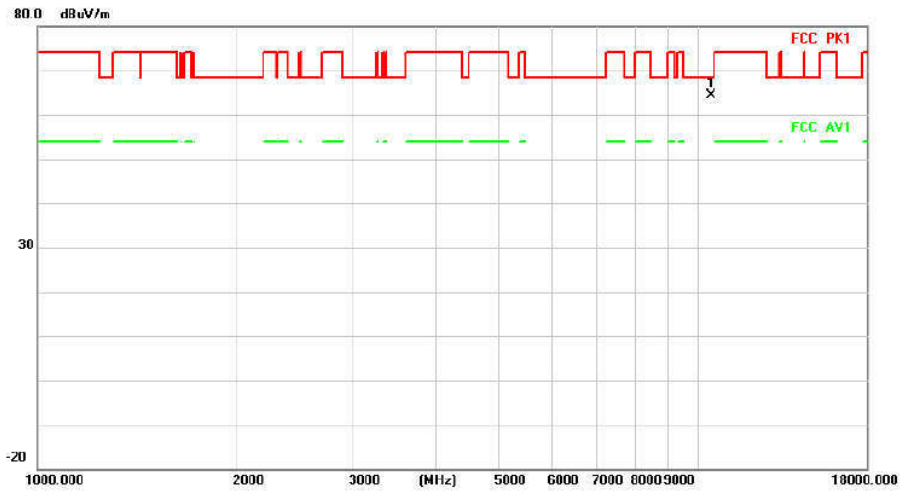
Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:48

VERTICAL

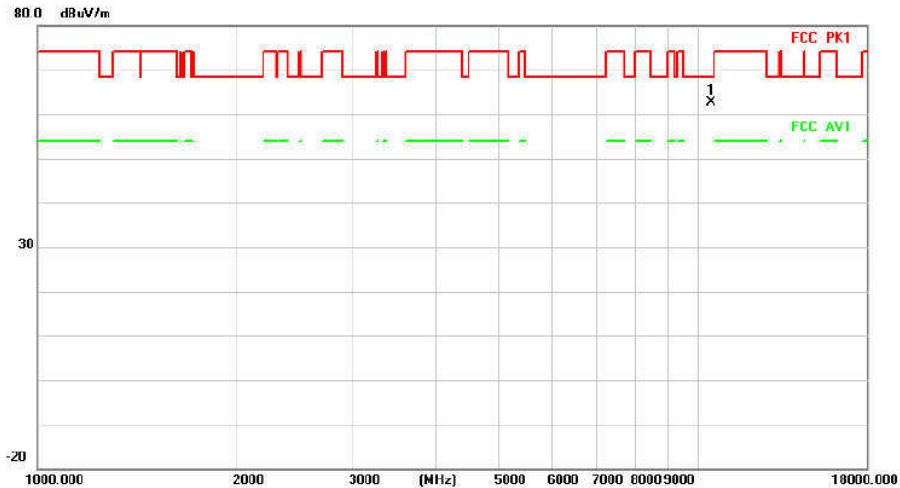
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1	*	10480.000	58.03	6.47	64.50	68.20	-3.70	peak		

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1	*	10480.000	56.16	6.47	62.63	68.20	-5.57	peak		

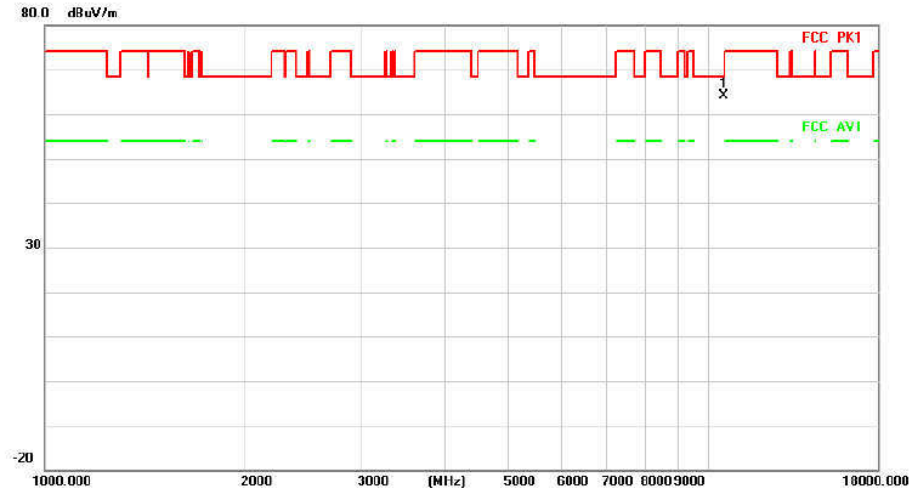
Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:52

VERTICAL

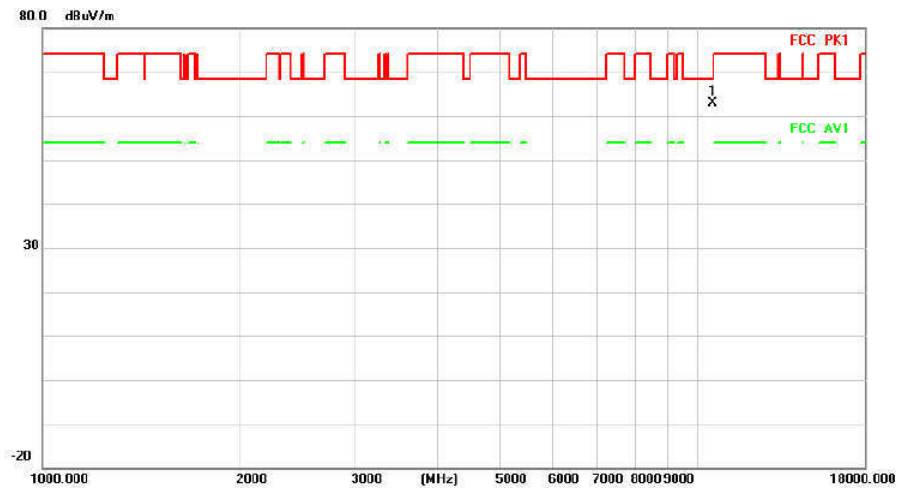
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10520.000	57.87	6.30	64.17	68.20	-4.03	peak		

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10520.000	56.53	6.30	62.83	68.20	-5.37	peak		

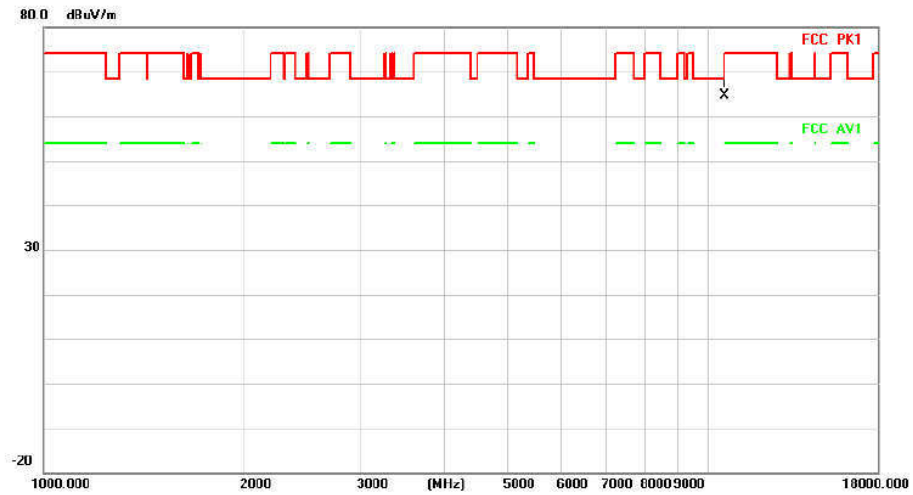
Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:56

VERTICAL

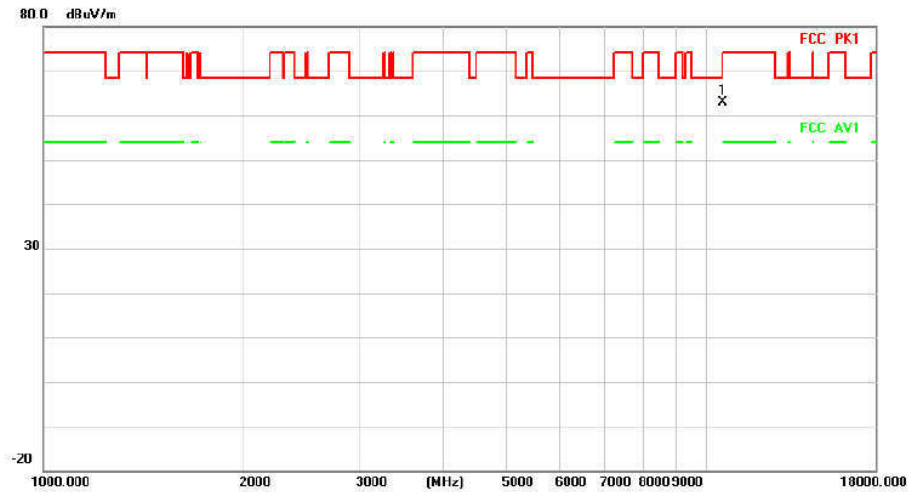
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1	*	10560.000	58.61	5.98	64.59	68.20	-3.61	peak		

HORIZONTAL

Radiated Emission



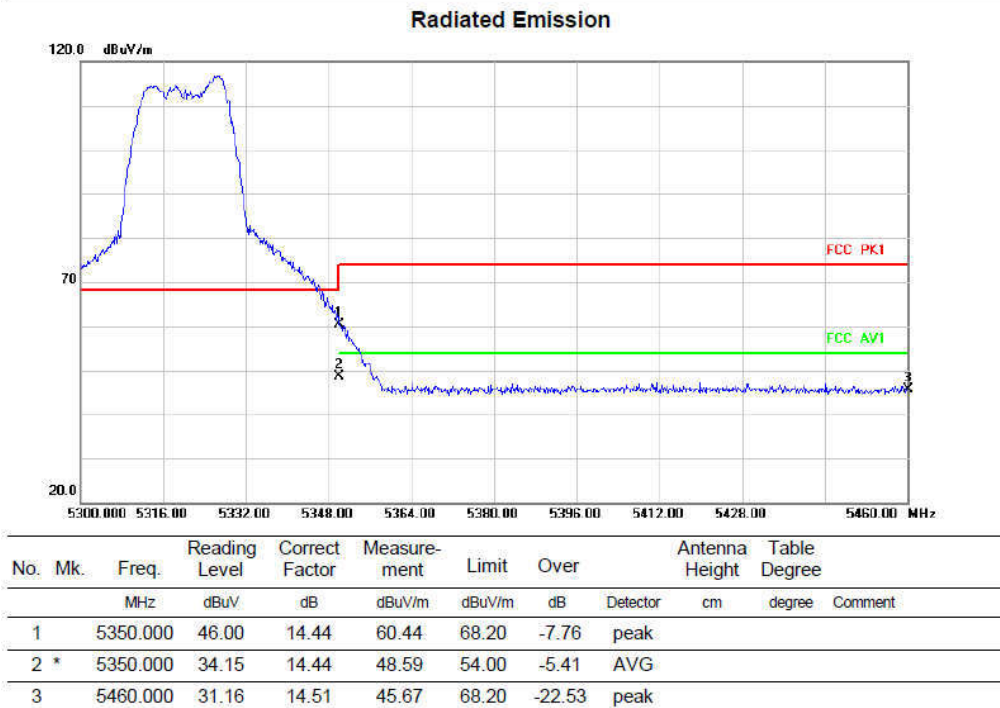
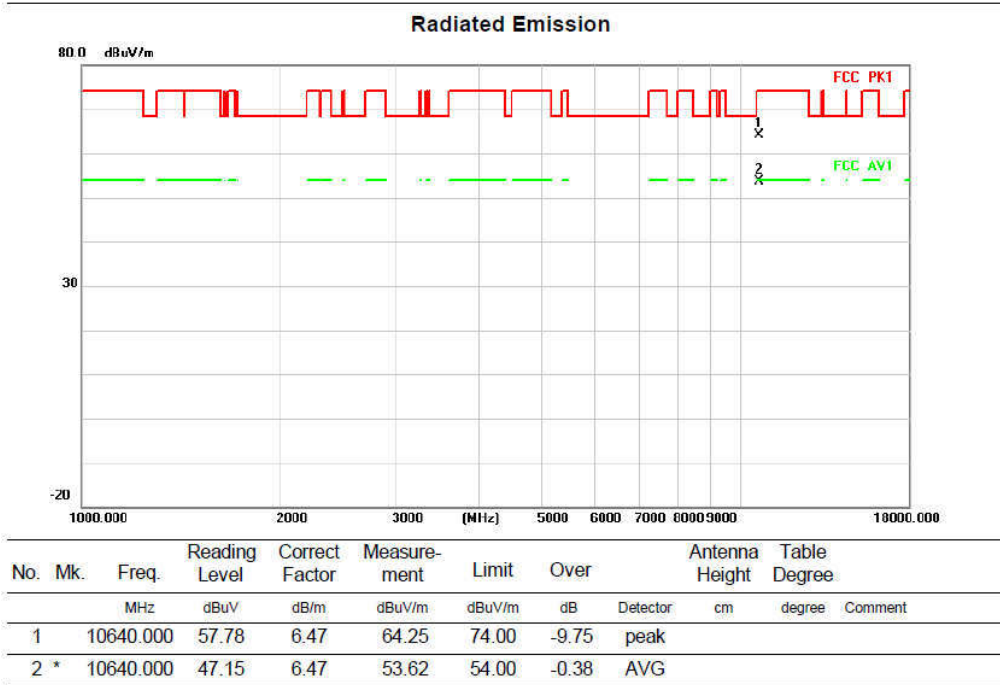
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1	*	10560.000	56.84	5.98	62.82	68.20	-5.38	peak		

Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

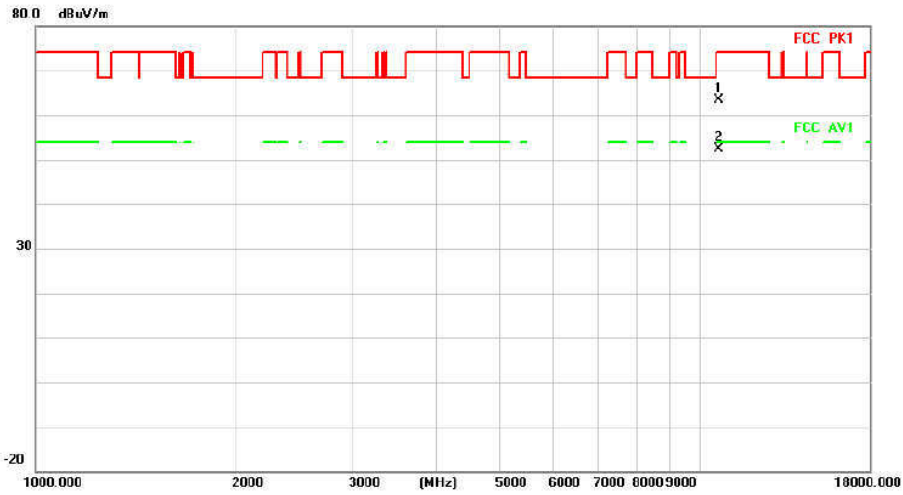
Test Channel:64

VERTICAL



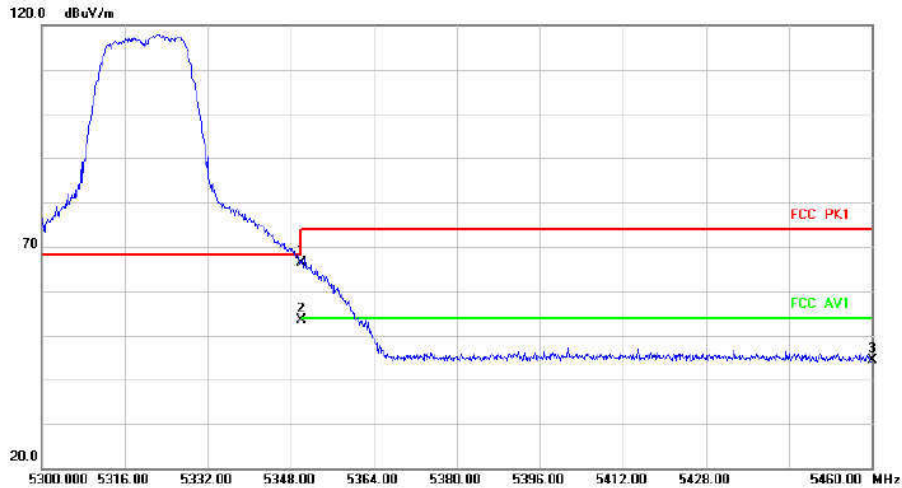
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10640.000	56.96	6.47	63.43	74.00	-10.57	peak		
2 *		10640.000	45.90	6.47	52.37	54.00	-1.63	AVG		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5350.000	51.95	14.44	66.39	68.20	-1.81	peak		
2 *		5350.000	38.99	14.44	53.43	54.00	-0.57	AVG		
3		5460.000	29.88	14.51	44.39	68.20	-23.81	peak		

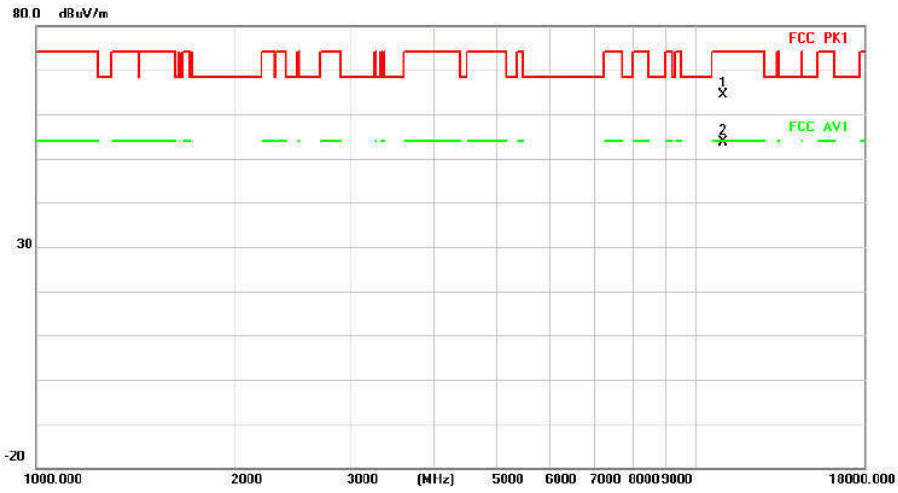
Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:100

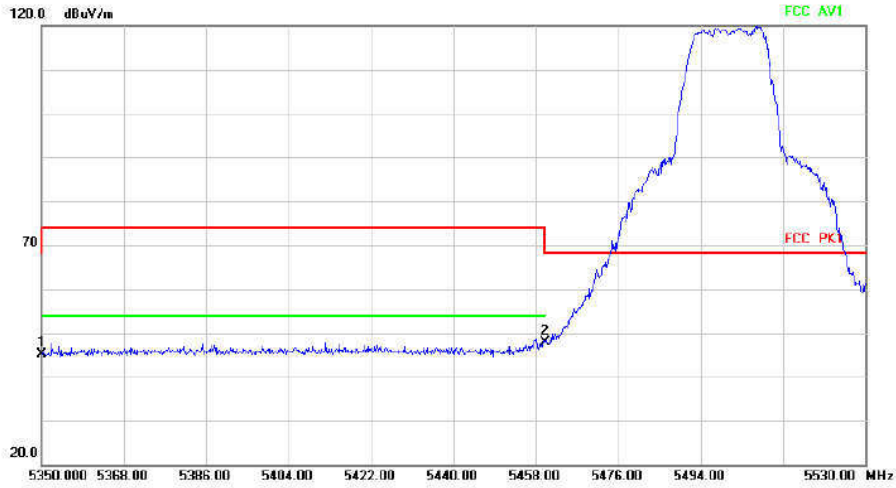
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11000.000	60.93	3.44	64.37	74.00	-9.63	peak		
2 *		11000.000	50.23	3.44	53.67	54.00	-0.33	AVG		

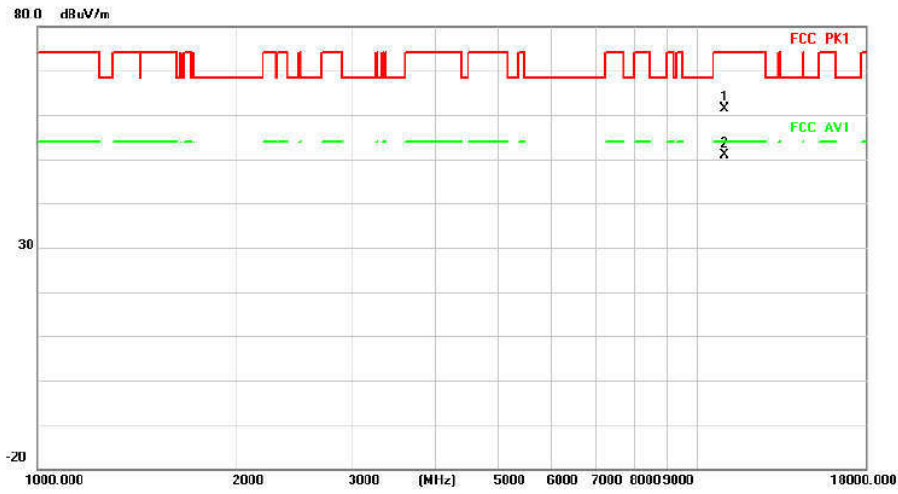
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5350.000	30.80	14.44	45.24	68.20	-22.96	peak		
2 *		5460.000	33.29	14.51	47.80	68.20	-20.40	peak		

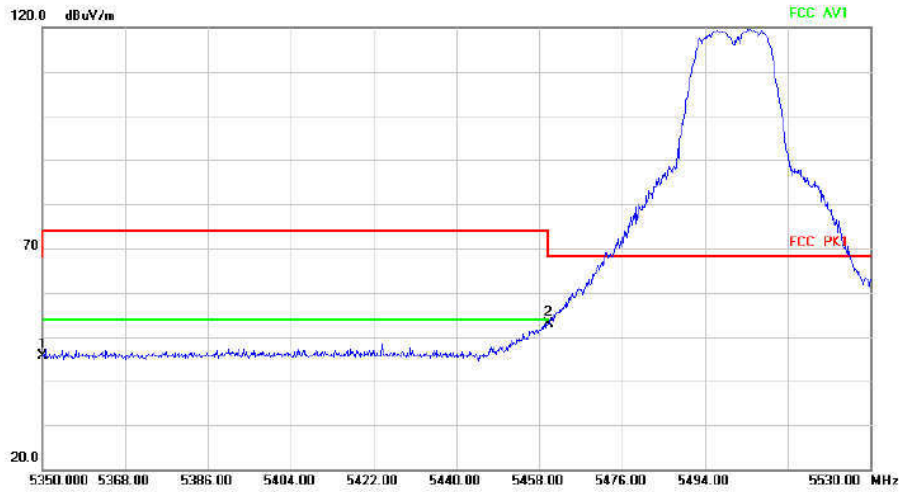
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11000.000	57.83	3.44	61.27	74.00	-12.73	peak		
2 *		11000.000	47.38	3.44	50.82	54.00	-3.18	AVG		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5350.000	31.26	14.44	45.70	68.20	-22.50	peak		
2 *		5460.000	38.41	14.51	52.92	68.20	-15.28	peak		

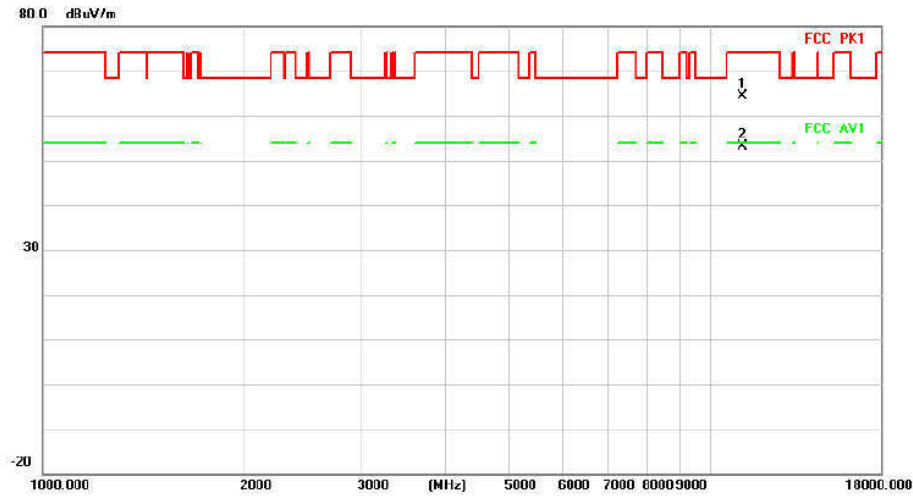
Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:116

VERTICAL

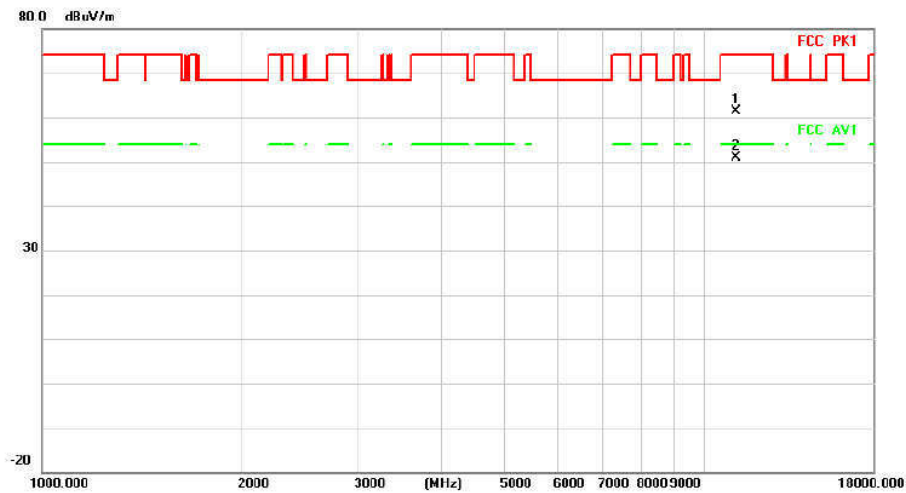
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11160.000	15.55	48.77	64.32	74.00	-9.68	peak		
2 *		11160.000	4.42	48.77	53.19	54.00	-0.81	AVG		

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11160.000	12.66	48.77	61.43	74.00	-12.57	peak		
2 *		11160.000	2.21	48.77	50.98	54.00	-3.02	AVG		