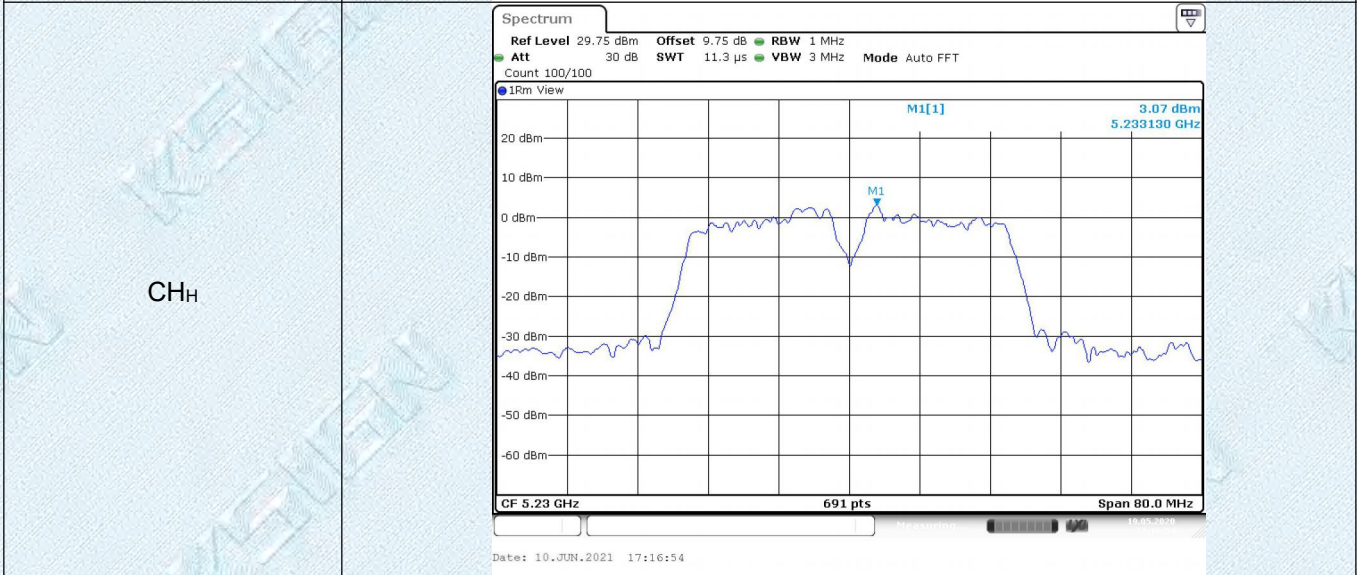
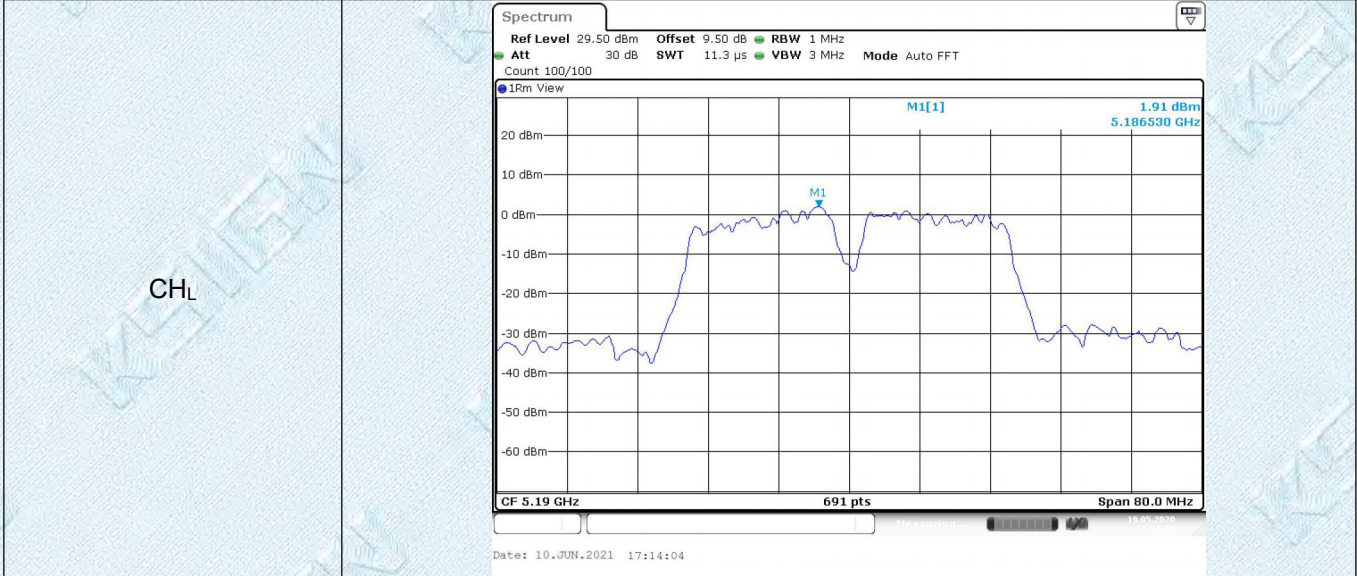
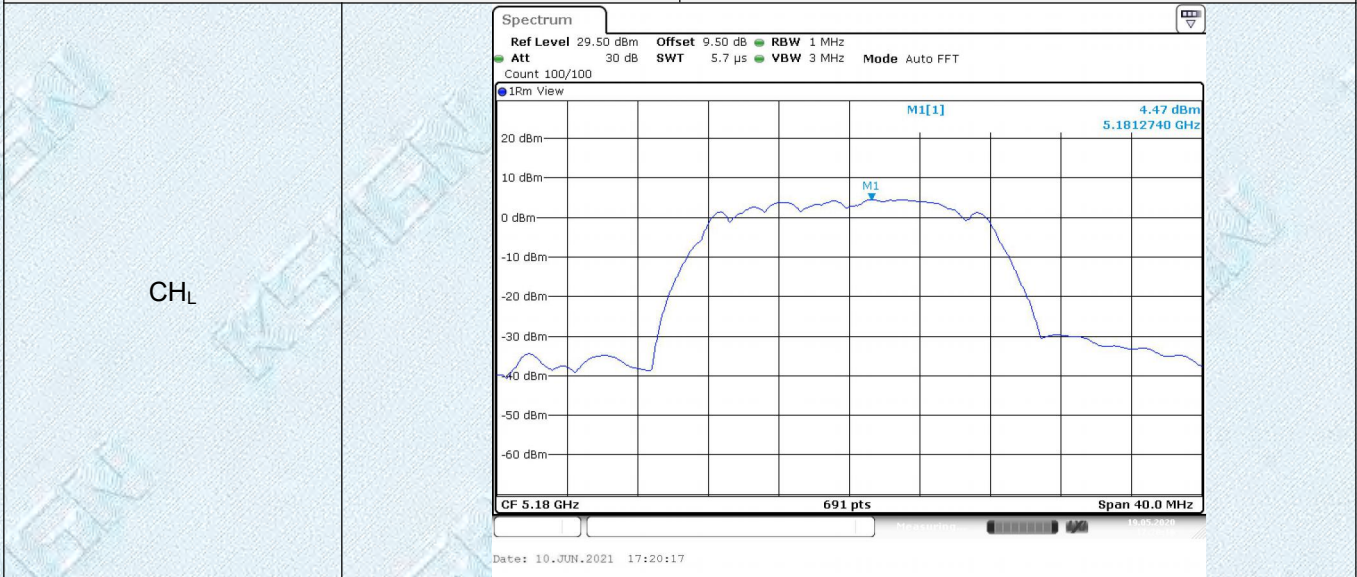
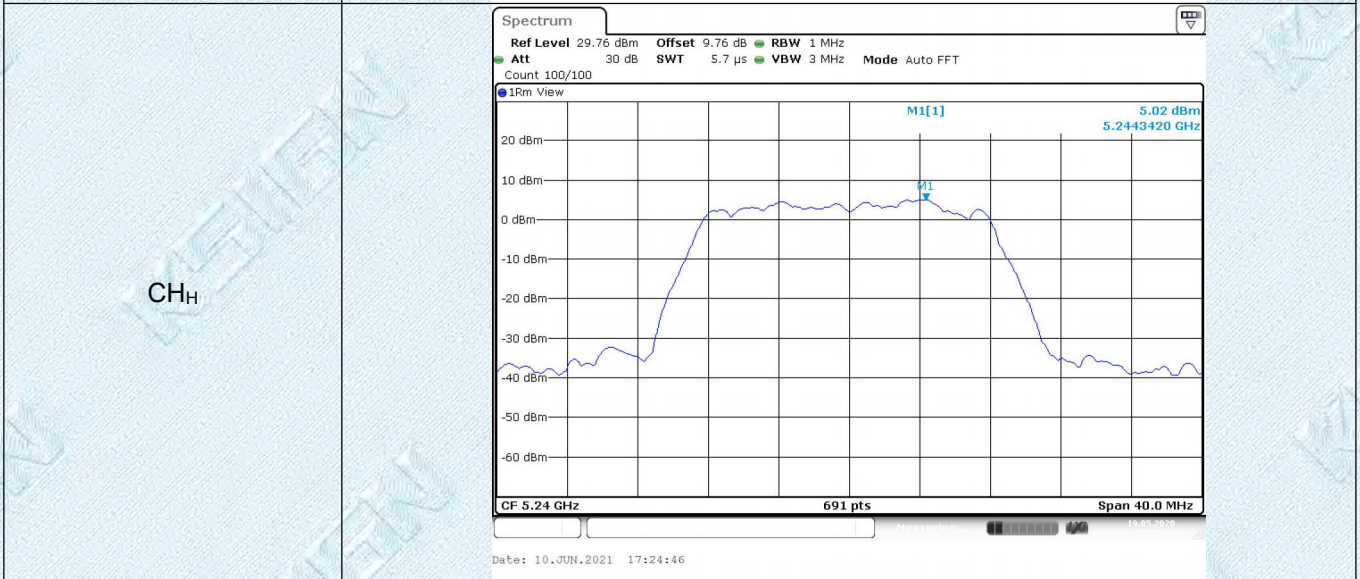
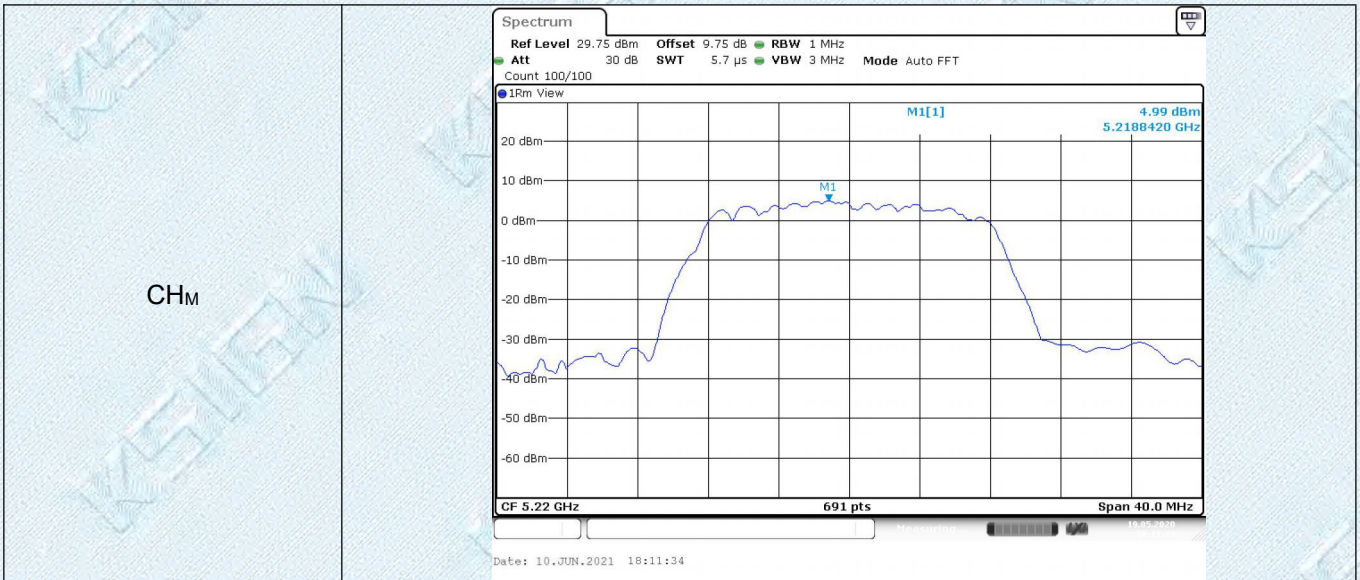


**Band U-NII-1** **802.11n (HT40)**



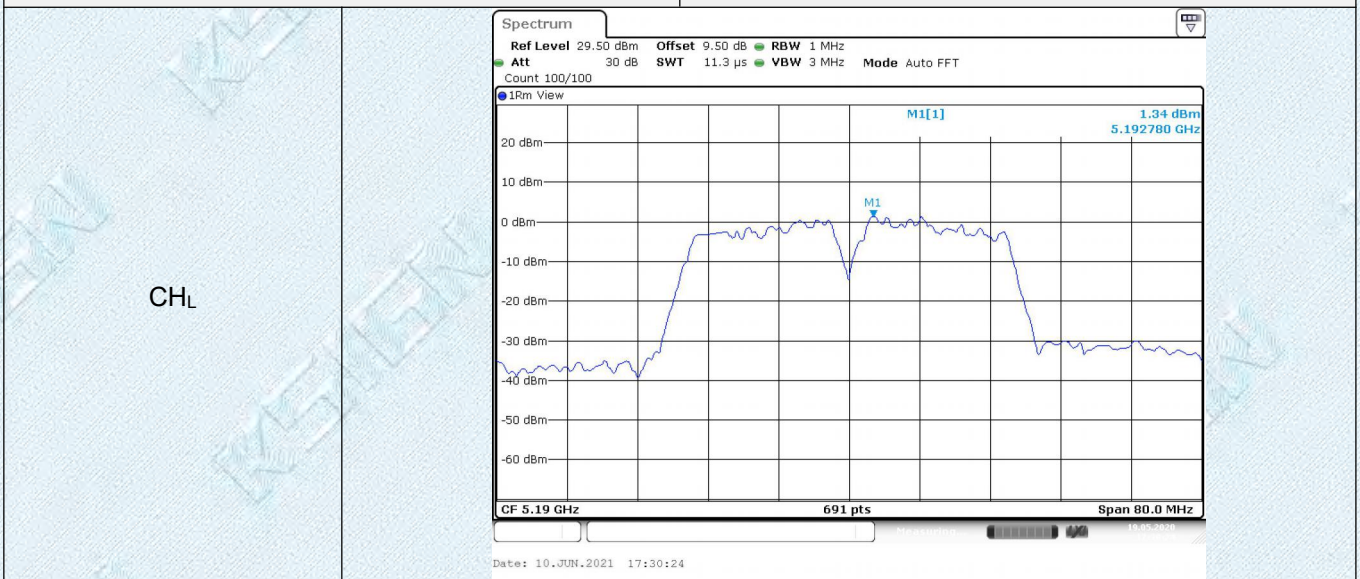
**Band U-NII-1** **802.11ac (HT20)**

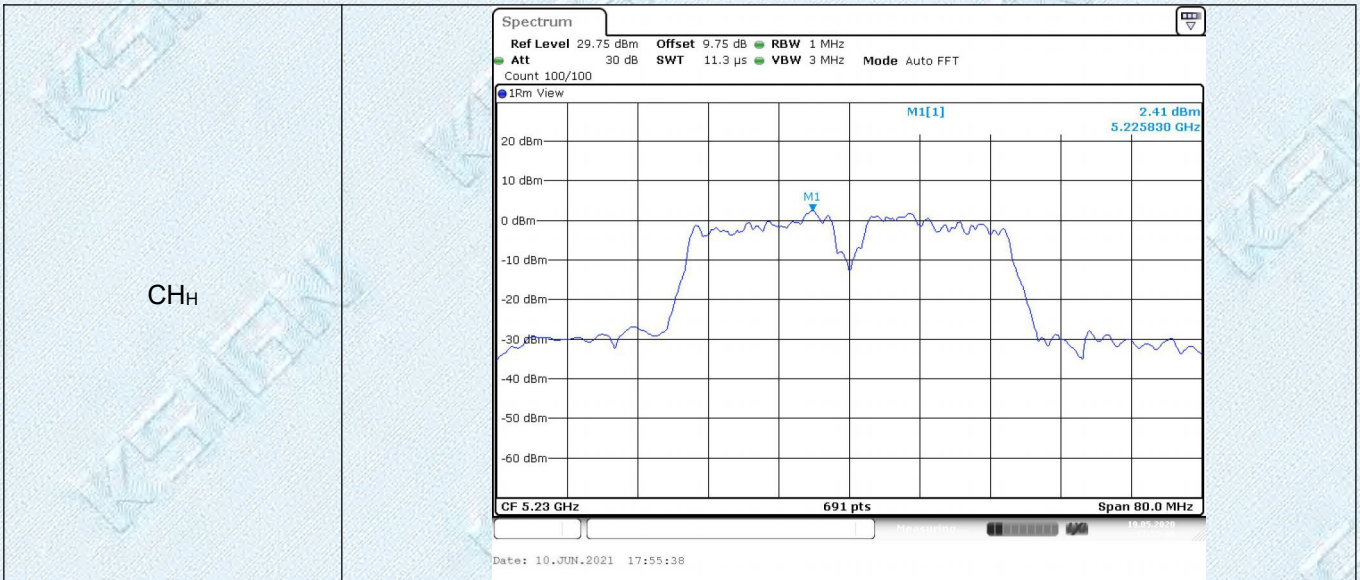




Band U-NII-1

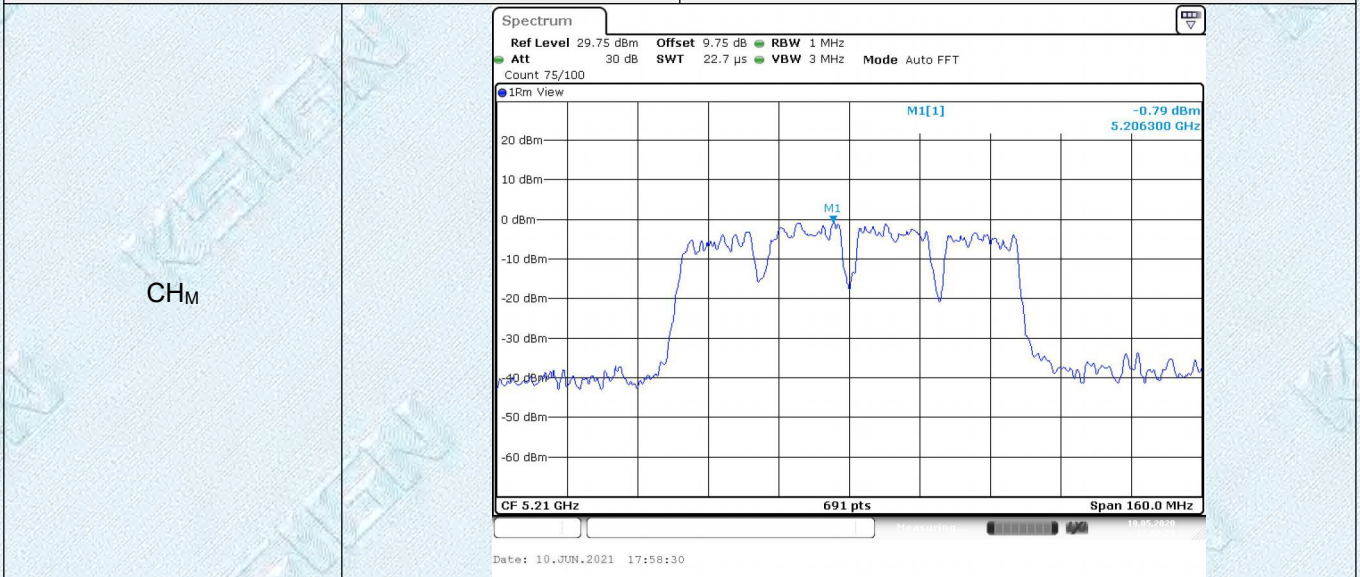
802.11ac (HT40)





Band U-NII-1

802.11ac (HT80)

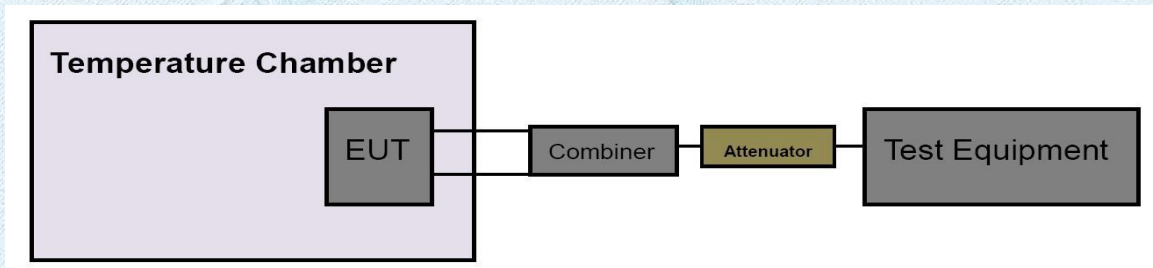


### 3.6. Frequency Stability Measurement

Limit

FCC Part 15 Subpart C(15.407)		
Test Item	Limit	Frequency Range(MHz)
Peak Excursion Measurement	Specified in the user's manual, the transmitter center frequency tolerance shall be $\pm 20$ ppm maximum for the 5 GHz band (IEEE 802.11n specification)	5150~5250
		5250~5350
		5470~5725
		5725~5850

Test Configuration



Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser centre frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 10 kHz, VBW=10 kHz with peak detector and maxhold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- (6) Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency.
- (7) Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.
- (8) Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

Test Mode

Please refer to the clause 2.2.

**Test Result**

Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation 5180MHz which it is worse case, so only show the test data for worse case.

<b>Band U-NII-1</b>	
<b>801.11a</b>	<b>5180 MHz</b>
<b>Voltage vs. Frequency Stability</b>	
<b>Voltage (V)</b>	<b>Measurement Frequency (MHz)</b>
7.60	5179.9926
6.46	5179.9954
8.74	5179.9975
<b>Max. Deviation (MHz)</b>	0.002
<b>Max. Deviation (ppm)</b>	0.3861
<b>Limit (ppm)</b>	<b>20</b>
<b>Result</b>	<b>Pass</b>
<b>Temperature vs. Frequency Stability</b>	
<b>Temperature (°C)</b>	<b>Measurement Frequency (MHz)</b>
-30	5179.9917
-20	5179.9919
-10	5179.9924
0	5179.9928
10	5179.9947
20	5179.9966
30	5179.9973
40	5179.9978
50	5179.9988
<b>Max. Deviation (MHz)</b>	0.002
<b>Max. Deviation (ppm)</b>	0.3861
<b>Limit (ppm)</b>	<b>20</b>
<b>Result</b>	<b>Pass</b>

### 3.7. Band Edge Emissions(Radiated)

#### Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.407(b):  
Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/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:

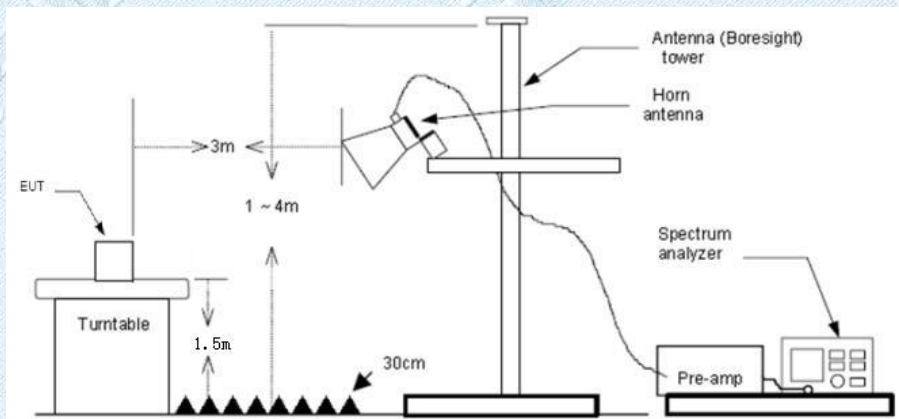
$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24, 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 25MHz 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 27dBm/MHz at the band edge.

\* Increase/Decreases with the linearity of the frequency.

For emission above 1GHz and in restricted band, according to FCC KDB 789033 D02 General UNII Test Procedure, all emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.  $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$ , for  $d = 3$  meters.

#### Test Configuration



#### Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
5. The receiver set as follow:  
 RBW=1MHz, VBW=3MHz PEAK detector for Peak value.  
 RBW=1MHz, VBW=10Hz RMS detector for Average value.



**Test Mode**

Please refer to the clause 2.2.

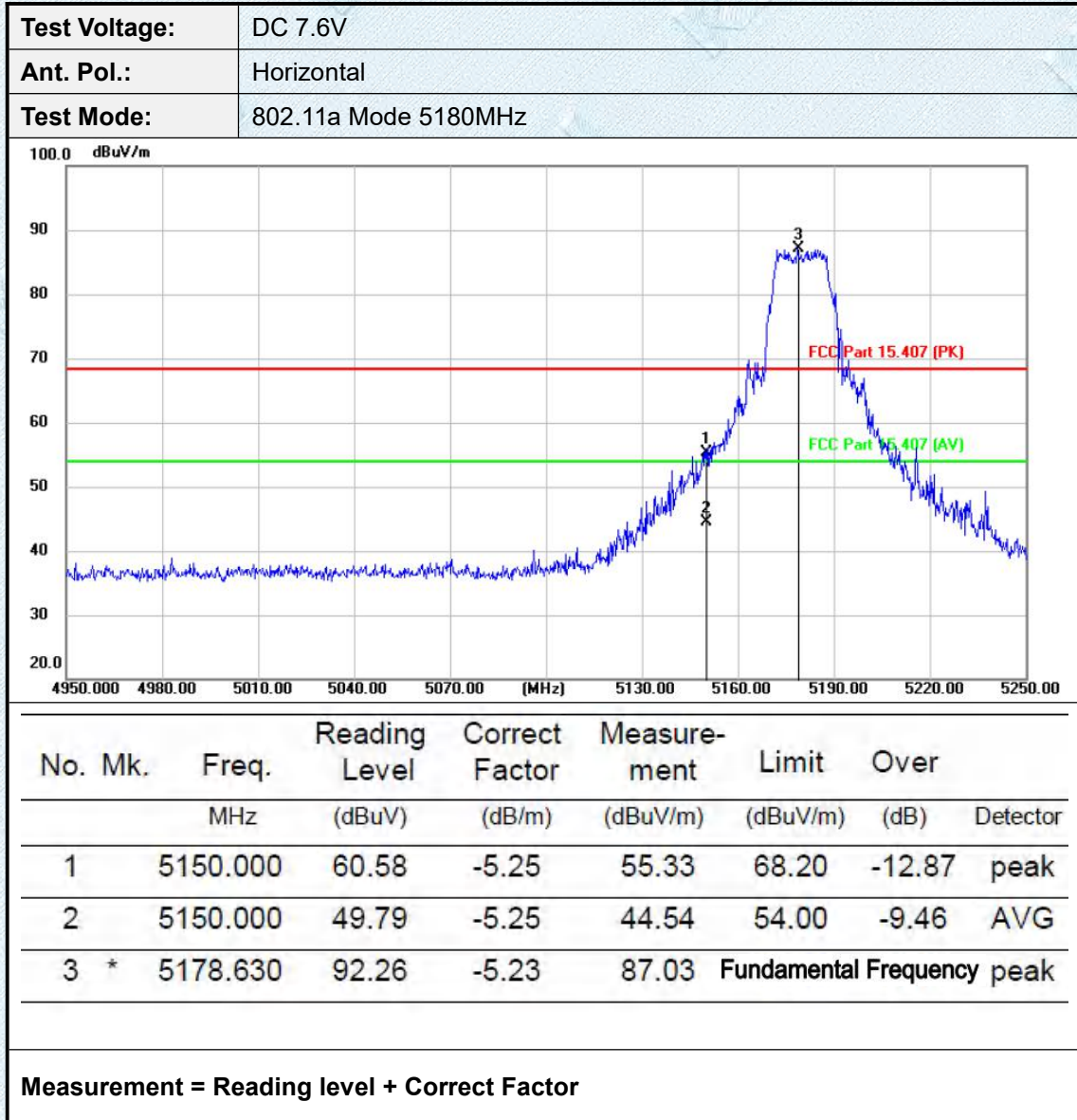
**Test Results**

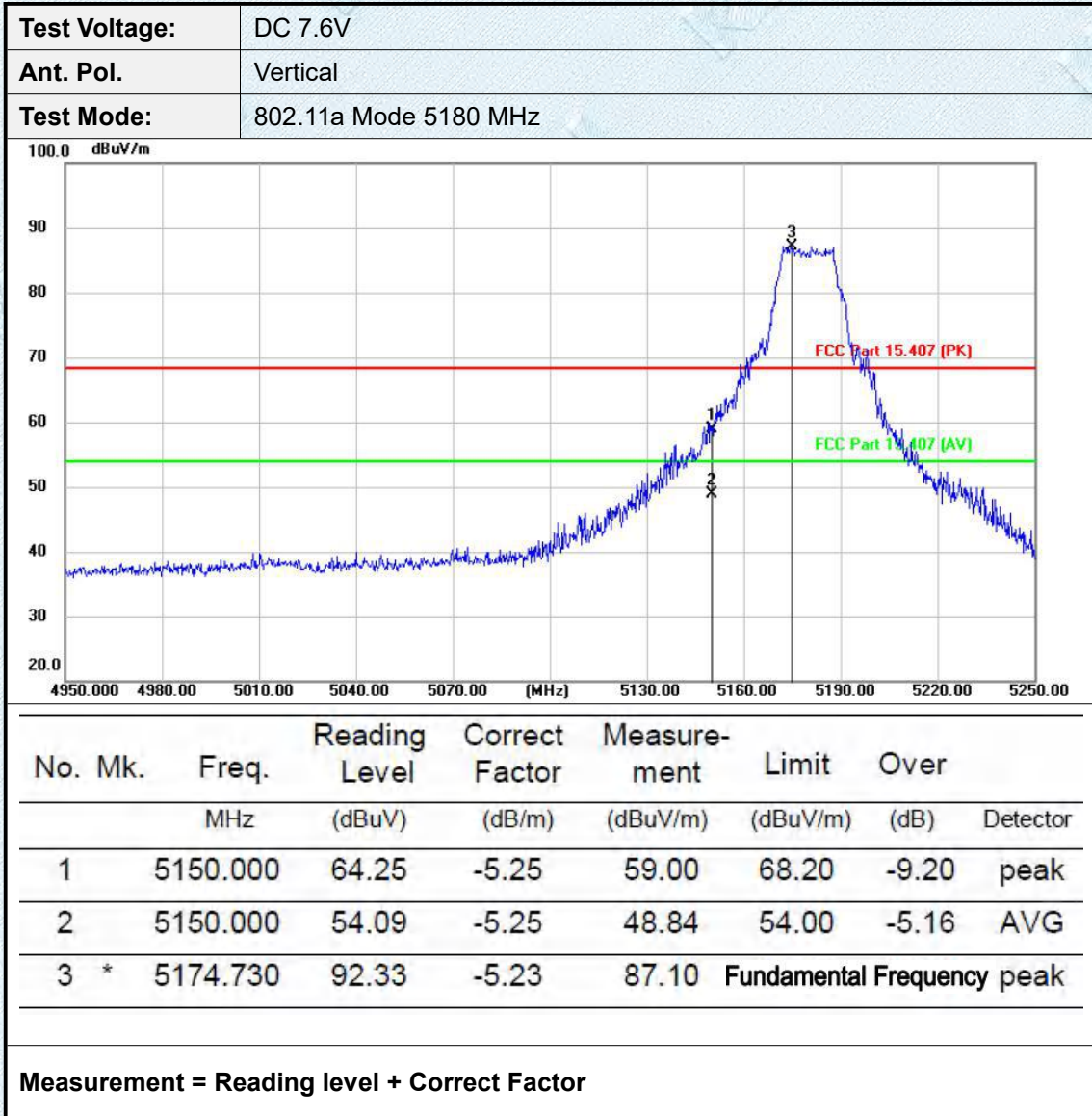
Note:

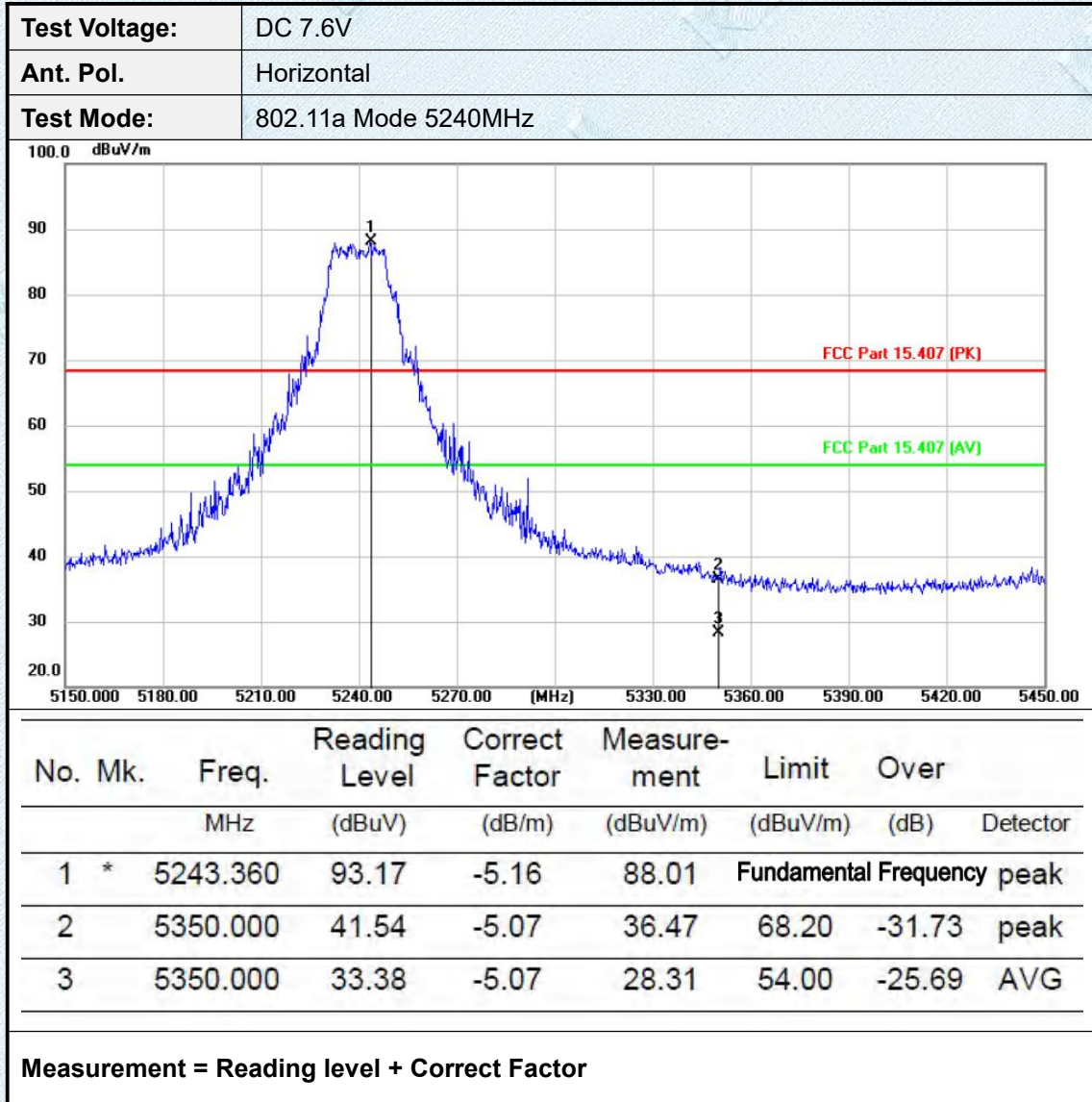
1.Measurement = Reading level + Correct Factor

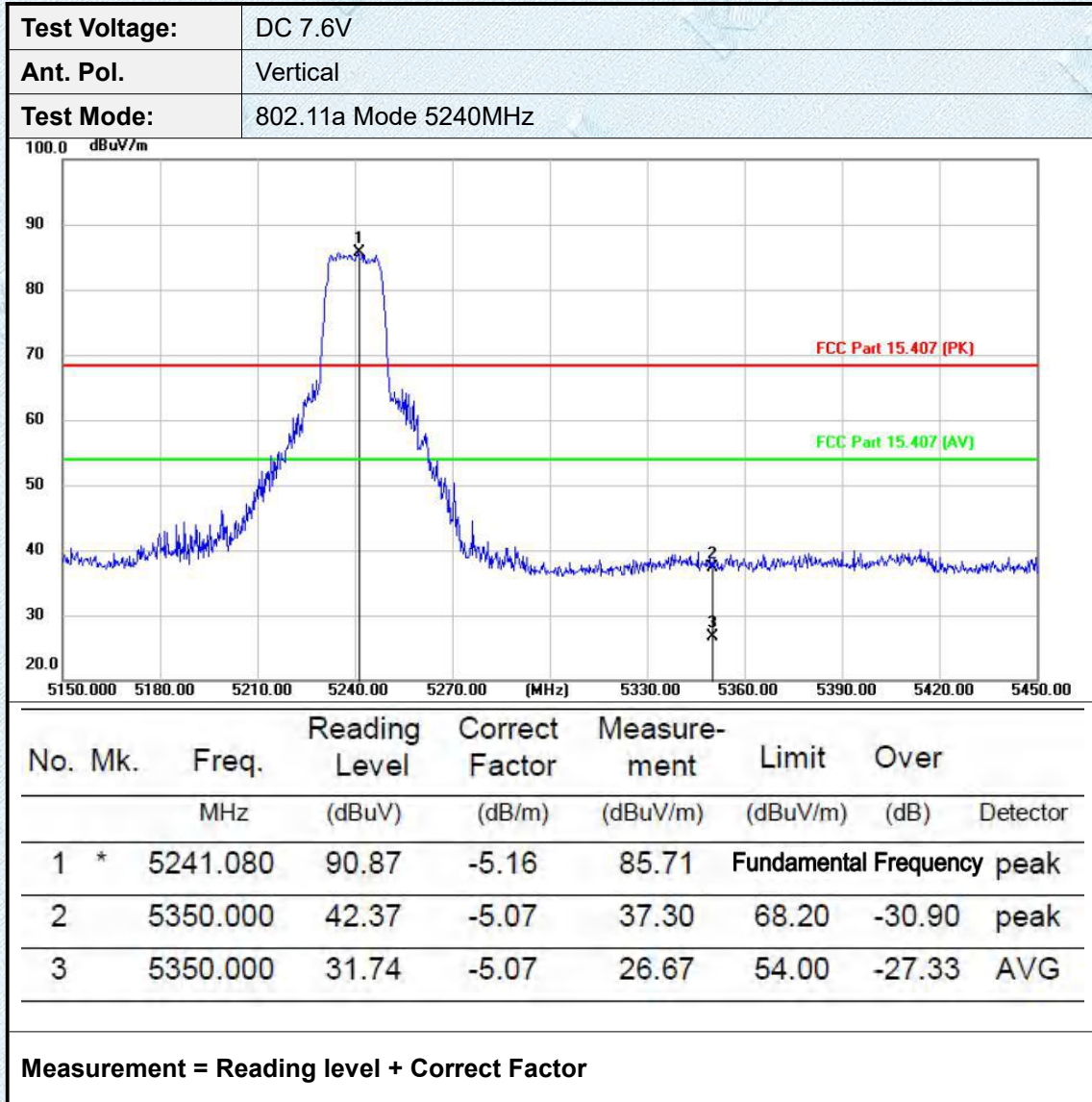
Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor

2.Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation which it is worse case for above 1GHz, so only show the test data for worse case.









### 3.8. Radiated Spurious Emissions

**Limit**

FCC CFR Title 47 Part 15 Subpart E Section 15.407(b):

**Radiated Emission Limits (9 kHz~1000 MHz)**

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

**Radiated Emission Limit (Above 1000MHz)**

Frequency (MHz)	Distance Meters(at 3m)	
	Peak	Average
Above 1000	74	54

**Note:**

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)= 20log Emission Level (uV/m)

**Limits of unwanted emission out of the restricted bands**

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/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

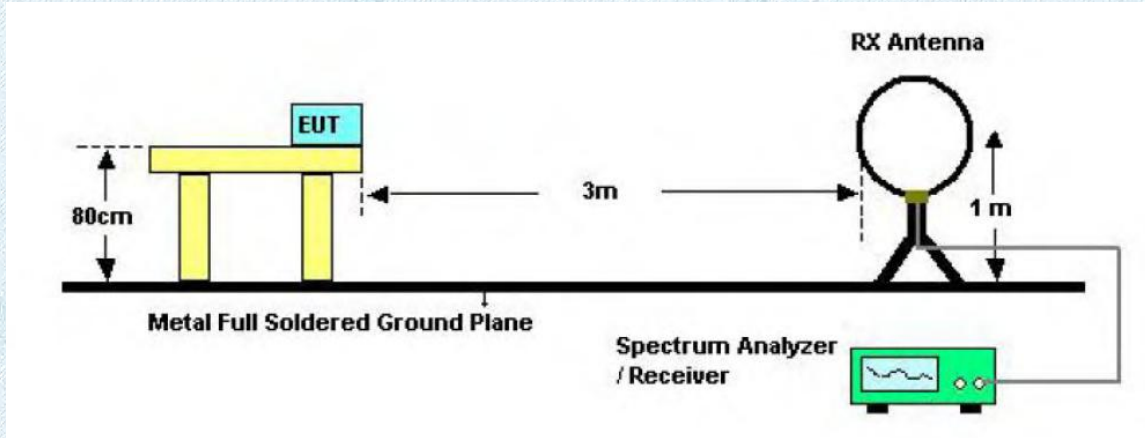
**NOTE:**

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

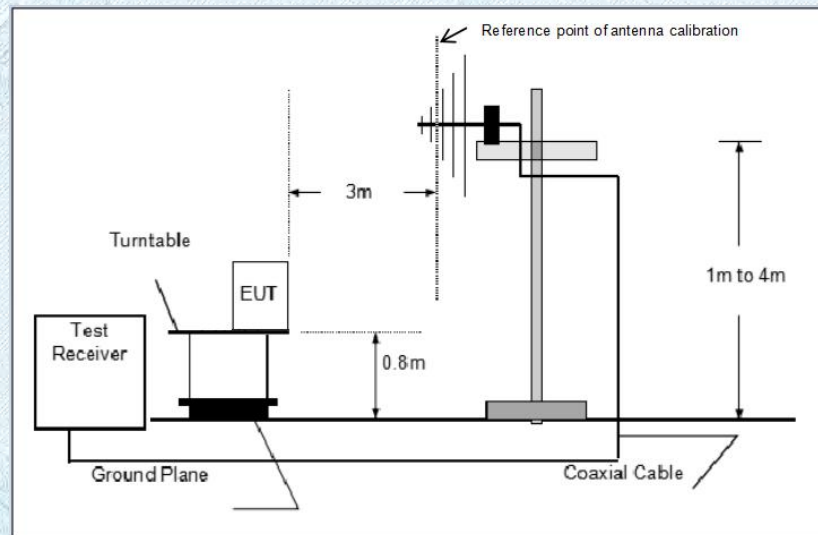
$$E = \frac{1000000 \sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24, 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 25MHz 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 27dBm/MHz at the band edge.

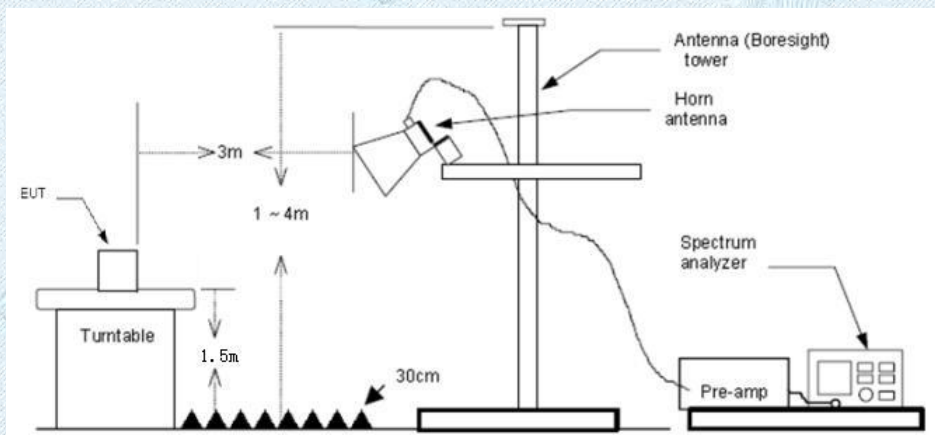
**Test Configuration**



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

### Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2013
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Below 1 GHz:  
RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;  
If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
  - (3) From 1 GHz to 10th harmonic:  
RBW=1MHz, VBW=3MHz Peak detector for Peak value.  
RBW=1MHz, VBW=10Hz RMS detector for Average value.

### Test Mode

Please refer to the clause 2.2.

### Test Result

#### **9 KHz~30 MHz and 18GHz~40GHz**

From 9 KHz~30 MHz and 18GHz~40GHz: Conclusion: PASS

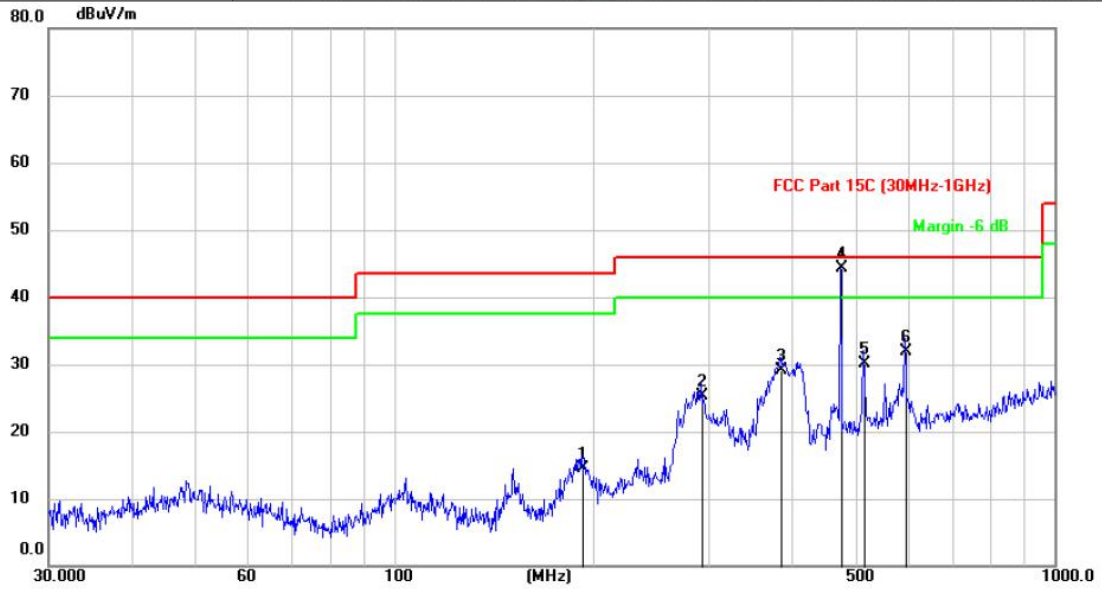
Note:

- 1) Measurement = Reading level + Correct Factor  
Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor
- 2) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3) The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4) The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 5) Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation 5220MHz which it is worse case for 30MHz-1GHz , so only show the test data for worse case.
- 6) Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation which it is worse case for above 1GHz, so only show the test data for worse case.



30MHz-1GHz

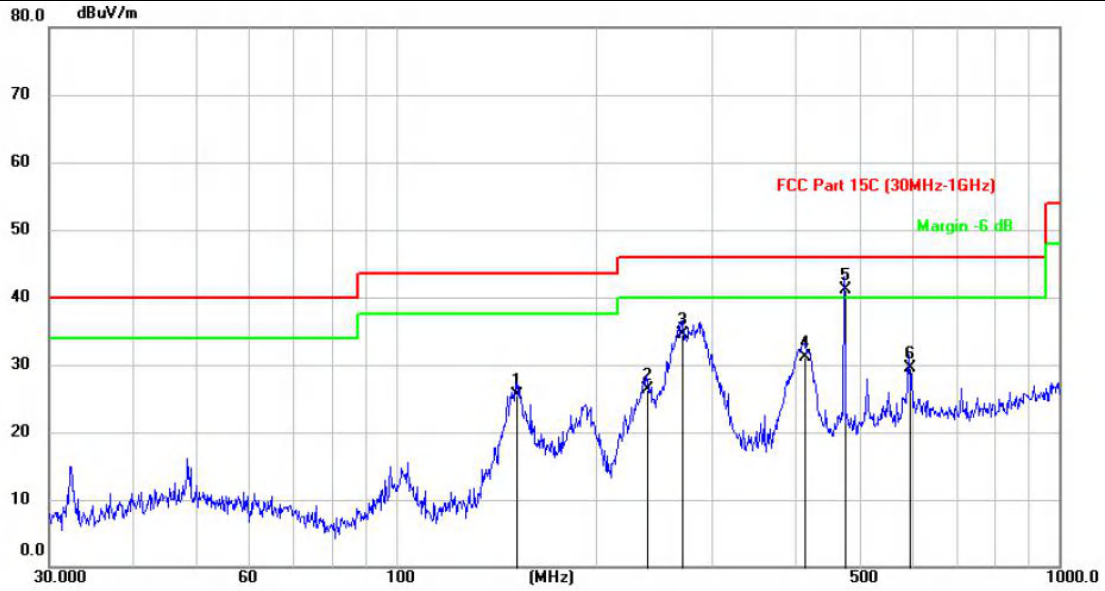
Test Voltage:	DC 7.6V
Ant. Pol.	Horizontal
Test Mode:	TX 802.11a Mode 5220MHz (U-NII-1)
Remark:	Only worse case is reported



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		192.8238	32.78	-18.31	14.47	43.50	-29.03	QP
2		292.5708	40.13	-14.83	25.30	46.00	-20.70	QP
3		384.8753	40.57	-11.40	29.17	46.00	-16.83	QP
4	*	475.1657	54.42	-10.13	44.29	46.00	-1.71	QP
5		515.0760	39.63	-9.62	30.01	46.00	-15.99	QP
6		593.8820	39.80	-7.82	31.98	46.00	-14.02	QP

Measurement = Reading Level+ Correct Factor

<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Vertical
<b>Test Mode:</b>	TX 802.11a Mode 5220MHz (U-NII-1)
<b>Remark:</b>	Only worse case is reported

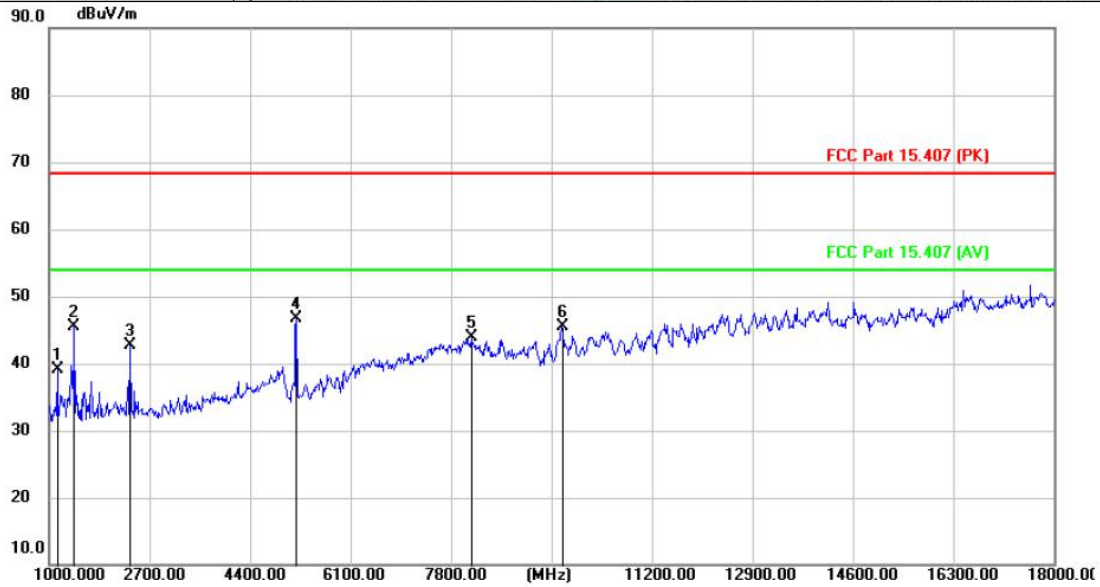


No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		152.1297	46.80	-21.35	25.45	43.50	-18.05	QP
2		238.4773	42.55	-16.20	26.35	46.00	-19.65	QP
3		269.9958	49.83	-15.36	34.47	46.00	-11.53	QP
4		412.4020	41.93	-10.76	31.17	46.00	-14.83	QP
5	*	475.1657	51.21	-10.13	41.08	46.00	-4.92	QP
6		593.8820	37.23	-7.82	29.41	46.00	-16.59	QP

**Measurement = Reading Level+ Correct Factor**

Adobe 1GHz

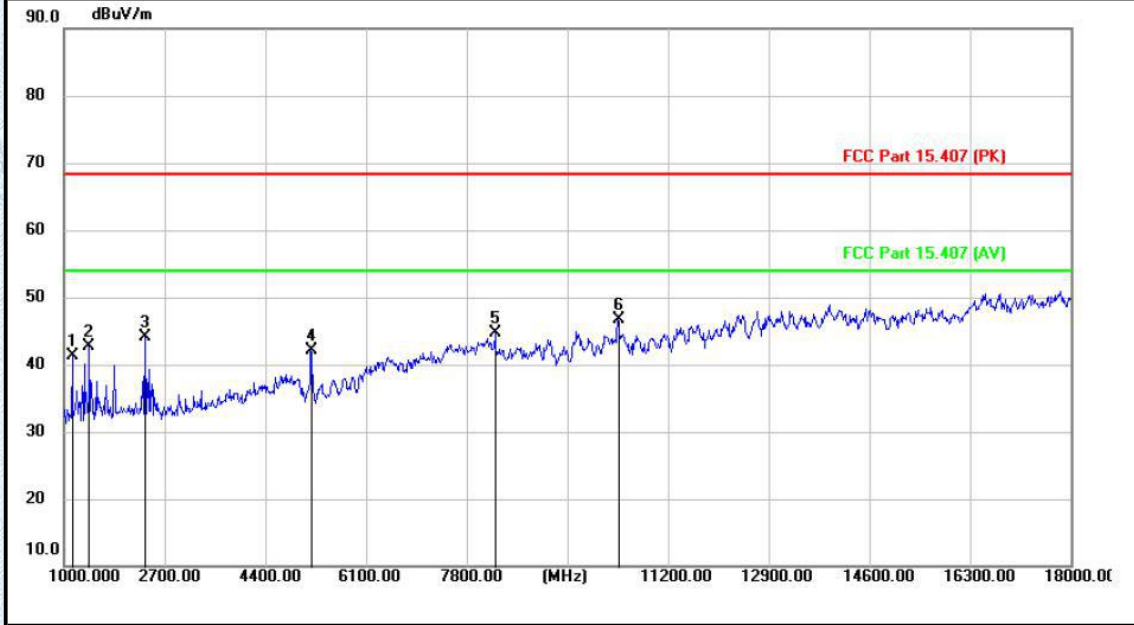
<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Horizontal
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1147.900	51.25	-12.14	39.11	68.20	-29.09	peak
2		1425.000	57.46	-11.87	45.59	68.20	-22.61	peak
3		2375.300	53.63	-10.93	42.70	68.20	-25.50	peak
4	*	5182.000	51.86	-5.23	46.63	68.20	-21.57	peak
5		8141.700	41.80	2.04	43.84	68.20	-24.36	peak
6		9680.200	42.09	3.37	45.46	68.20	-22.74	peak

Measurement = Reading level + Correct Factor

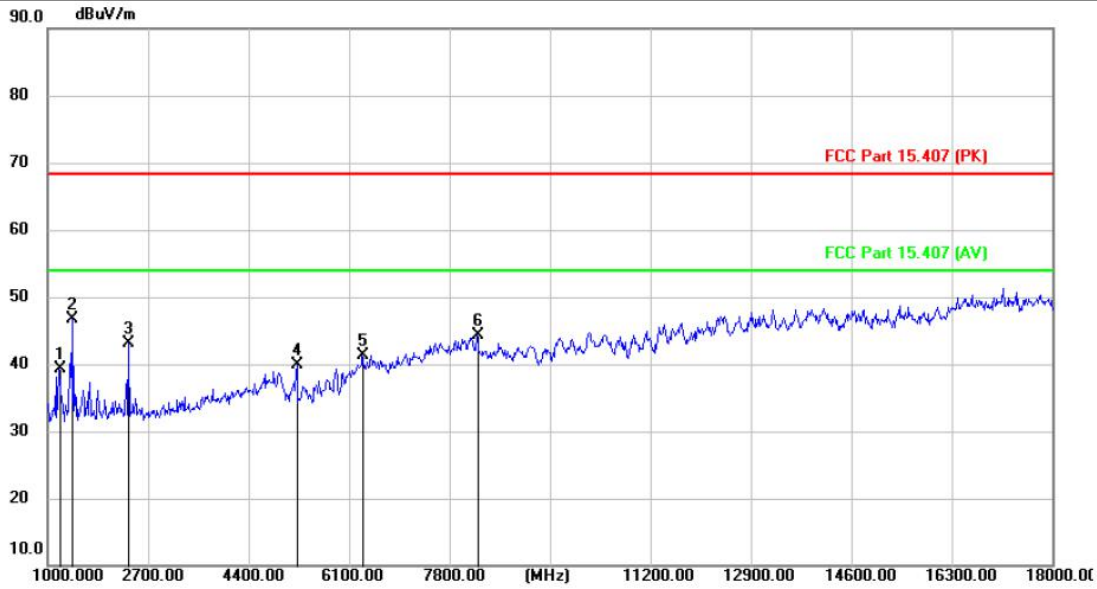
<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Vertical
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1147.900	53.41	-12.14	41.27	68.20	-26.93	peak
2		1425.000	54.52	-11.87	42.65	68.20	-25.55	peak
3		2375.300	55.06	-10.93	44.13	68.20	-24.07	peak
4		5178.600	47.37	-5.23	42.14	68.20	-26.06	peak
5		8287.900	42.62	2.00	44.62	68.20	-23.58	peak
6	*	10356.800	41.93	4.68	46.61	68.20	-21.59	peak

**Measurement = Reading level + Correct Factor**

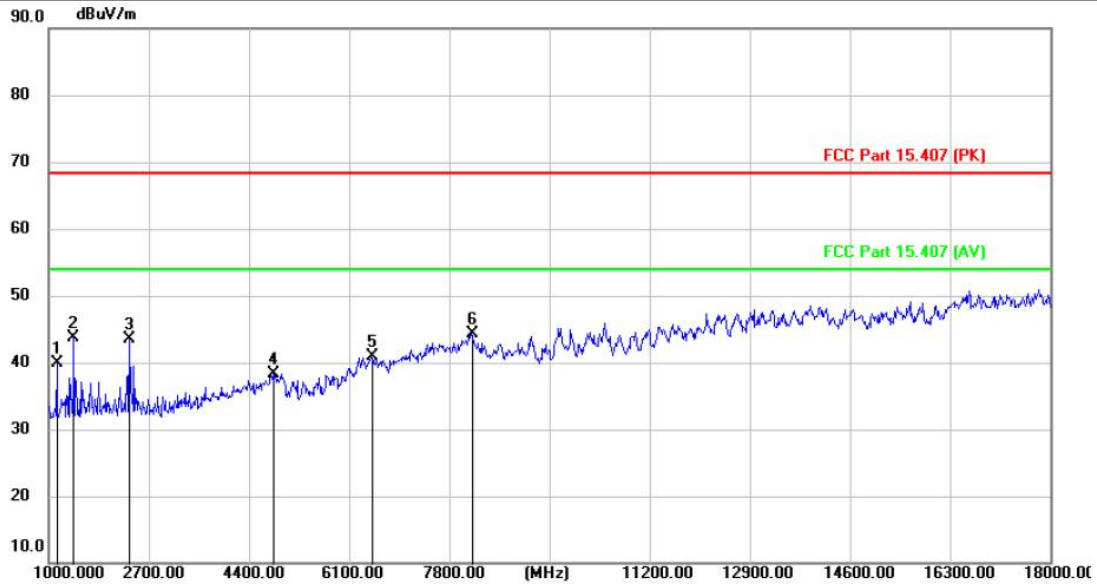
<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Horizontal
<b>Test Mode:</b>	TX 802.11a Mode 5220MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1197.200	51.35	-12.04	39.31	68.20	-28.89	peak
2	*	1425.000	58.63	-11.87	46.76	68.20	-21.44	peak
3		2375.300	53.95	-10.93	43.02	68.20	-25.18	peak
4		5222.800	45.15	-5.18	39.97	68.20	-28.23	peak
5		6329.500	44.02	-2.69	41.33	68.20	-26.87	peak
6		8272.600	42.27	2.00	44.27	68.20	-23.93	peak

Measurement = Reading level + Correct Factor

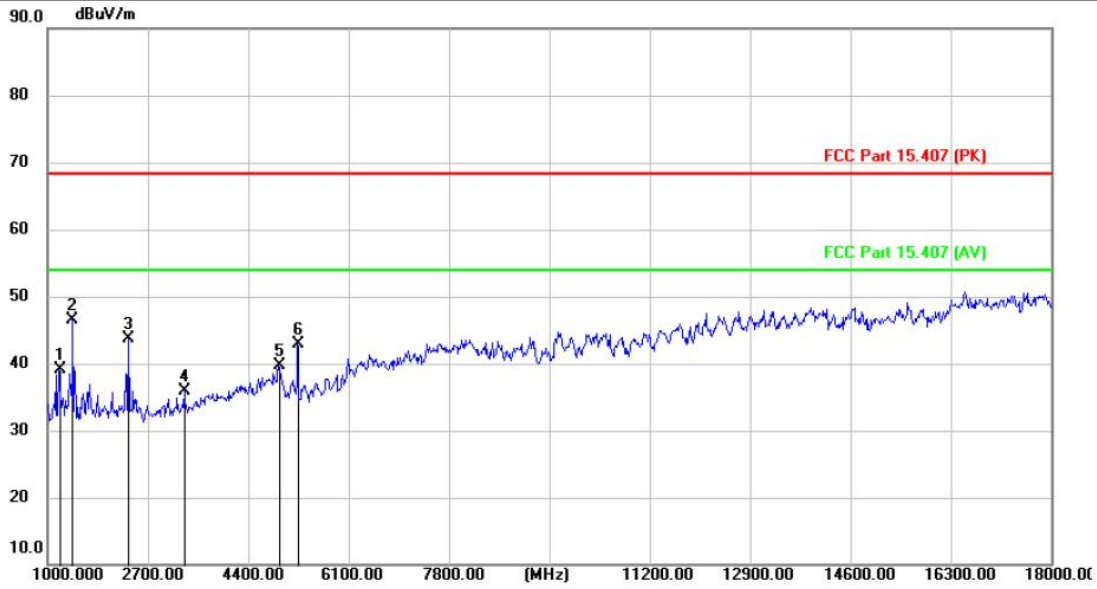
<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Vertical
<b>Test Mode:</b>	TX 802.11a Mode 5220MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1147.900	51.95	-12.14	39.81	68.20	-28.39	peak
2		1425.000	55.60	-11.87	43.73	68.20	-24.47	peak
3		2375.300	54.36	-10.93	43.43	68.20	-24.77	peak
4		4809.700	44.21	-5.91	38.30	68.20	-29.90	peak
5		6482.500	43.14	-2.17	40.97	68.20	-27.23	peak
6	*	8180.800	42.32	2.02	44.34	68.20	-23.86	peak

Measurement = Reading level + Correct Factor

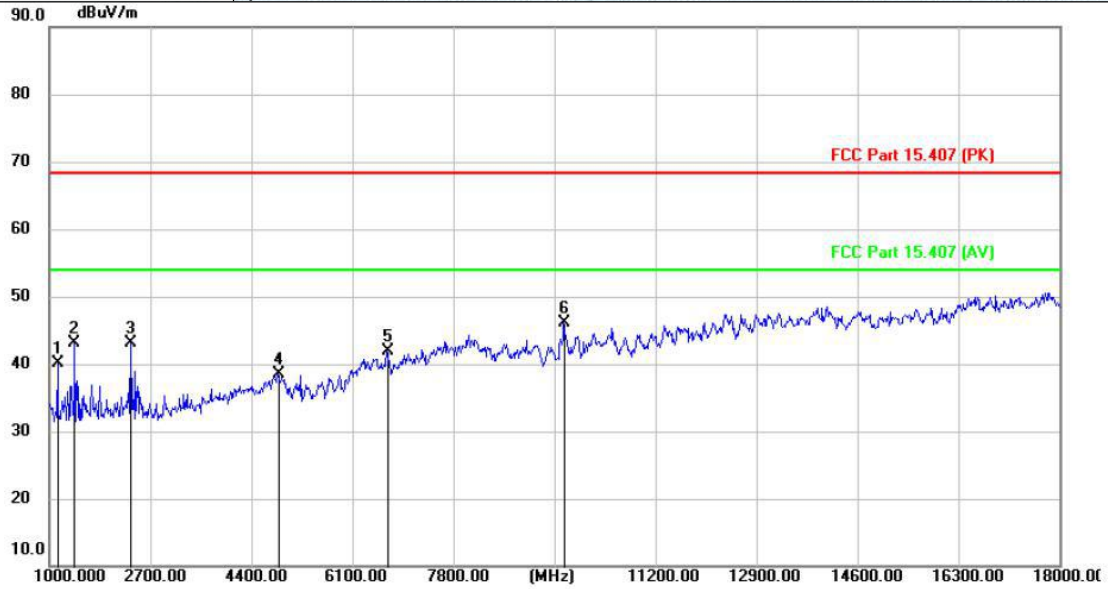
<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Horizontal
<b>Test Mode:</b>	TX 802.11a Mode 5240MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1198.900	51.15	-12.03	39.12	68.20	-29.08	peak
2	*	1425.000	58.42	-11.87	46.55	68.20	-21.65	peak
3		2375.300	54.57	-10.93	43.64	68.20	-24.56	peak
4		3327.300	45.91	-9.99	35.92	68.20	-32.28	peak
5		4921.900	45.30	-5.60	39.70	68.20	-28.50	peak
6		5243.200	48.10	-5.16	42.94	68.20	-25.26	peak

Measurement = Reading level + Correct Factor

<b>Test Voltage:</b>	DC 7.6V
<b>Ant. Pol.</b>	Vertical
<b>Test Mode:</b>	TX 802.11a Mode 5240MHz
<b>Remark:</b>	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		1147.900	52.19	-12.14	40.05	68.20	-28.15	peak
2		1425.000	55.06	-11.87	43.19	68.20	-25.01	peak
3		2375.300	54.08	-10.93	43.15	68.20	-25.05	peak
4		4847.100	44.34	-5.80	38.54	68.20	-29.66	peak
5		6684.800	43.40	-1.59	41.81	68.20	-26.39	peak
6	*	9664.900	42.80	3.33	46.13	68.20	-22.07	peak

Measurement = Reading level + Correct Factor

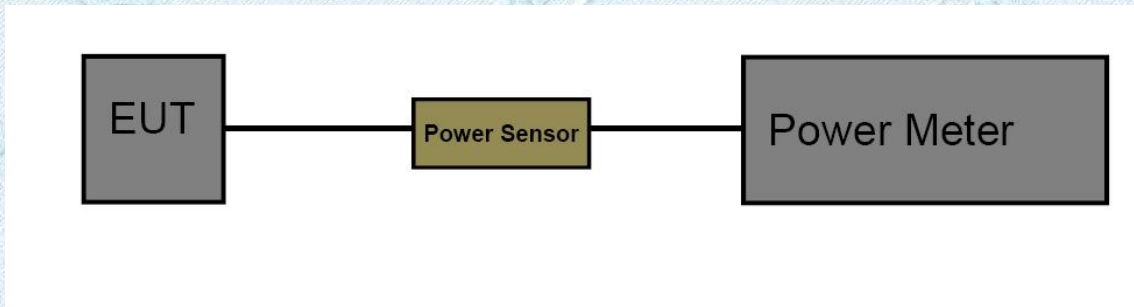


### 3.9. Conducted Spurious Emission

Limit

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteria
-27dBm/MHz	5150MHz-5250MHz	PASS

Test Configuration



Test Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Trace 1 Max hold, then View.

**Note:** The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

Test Mode

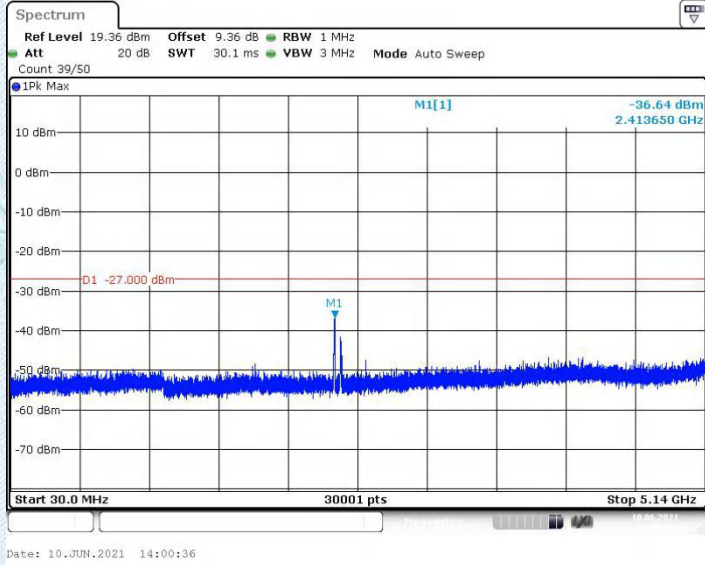
Please refer to the clause 2.2.

Test Result

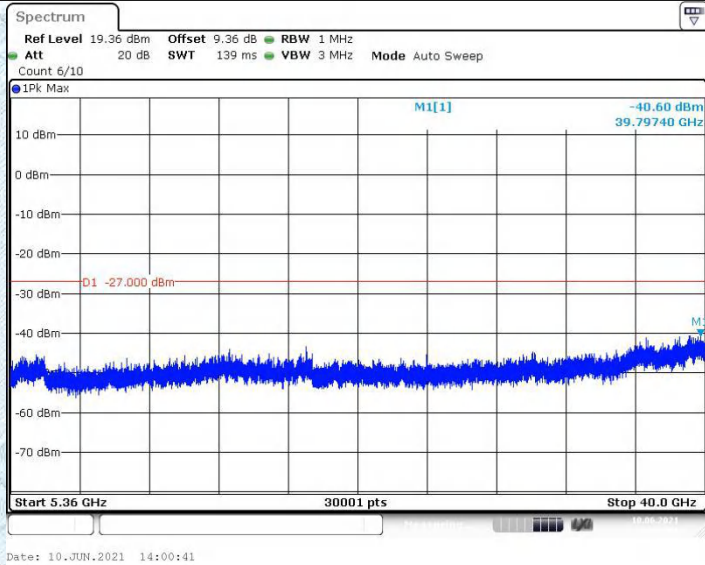
Test Mode	Ant	Channel	Freq Range [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2413.65	-36.64	-27	PASS
			5140~5360	39797.4	-40.6	-27	
			5360~40000	2413.31	-35.07	-27	PASS
		5220	30~5140	39634.6	-39.39	-27	PASS
			5140~5360	2411.1	-36.97	-27	
			5360~40000	39567.6	-40.53	-27	PASS
		5240	30~5140	2413.65	-35.3	-27	PASS
			5140~5360	39772	-39.41	-27	
			5360~40000	2413.31	-35.22	-27	PASS
11N20SISO	Ant1	5180	30~5140	39731.5	-39.54	-27	PASS
			5140~5360	2411.44	-39.09	-27	
			5360~40000	39985.6	-40.08	-27	PASS
		5220	30~5140	2413.31	-38.2	-27	PASS
			5140~5360	39119.6	-40.62	-27	
			5360~40000	2408.2	-39.8	-27	PASS
		5240	30~5140	39603.4	-40.42	-27	PASS
			5140~5360	2411.1	-42.53	-27	
			5360~40000	39238.5	-39.94	-27	PASS
11N40SISO	Ant1	5190	30~5140	2413.65	-40.61	-27	PASS
			5140~5360	39233.9	-40.31	-27	
			5360~40000	2413.99	-42.49	-27	PASS
		5230	30~5140	39800.8	-39.61	-27	PASS
			5140~5360	5133.95	-42.17	-27	
			5360~40000	39168.1	-39.95	-27	PASS
11AC20SISO	Ant1	5180	30~5140	2457.59	-35.56	-27	PASS
			5140~5360	39147.3	-40.38	-27	
			5360~40000	30~5140	-33.37	-27	PASS
		5220	30~5140	5360~40000	-34.86	-27	PASS
			5140~5360	2413.65	-36.64	-27	
			5360~40000	39797.4	-40.6	-27	PASS
		5240	30~5140	2413.31	-35.07	-27	PASS
			5140~5360	39634.6	-39.39	-27	
			5360~40000	2411.1	-36.97	-27	PASS
11AC40SISO	Ant1	5190	30~5140	39567.6	-40.53	-27	PASS
			5140~5360	2413.65	-35.3	-27	
			5360~40000	39772	-39.41	-27	PASS
		5230	30~5140	2413.31	-35.22	-27	PASS
			5140~5360	39731.5	-39.54	-27	
			5360~40000	2411.44	-39.09	-27	PASS
11AC80SISO	Ant1	5210	30~5140	39985.6	-40.08	-27	PASS
			5140~5360	2413.31	-38.2	-27	
			5360~40000	39119.6	-40.62	-27	PASS

Test Graphs

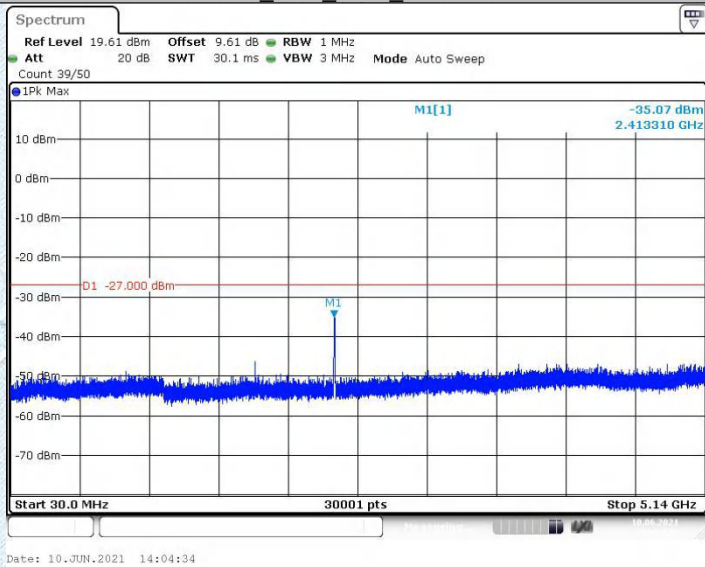
11A Ant1 5180 30~5140



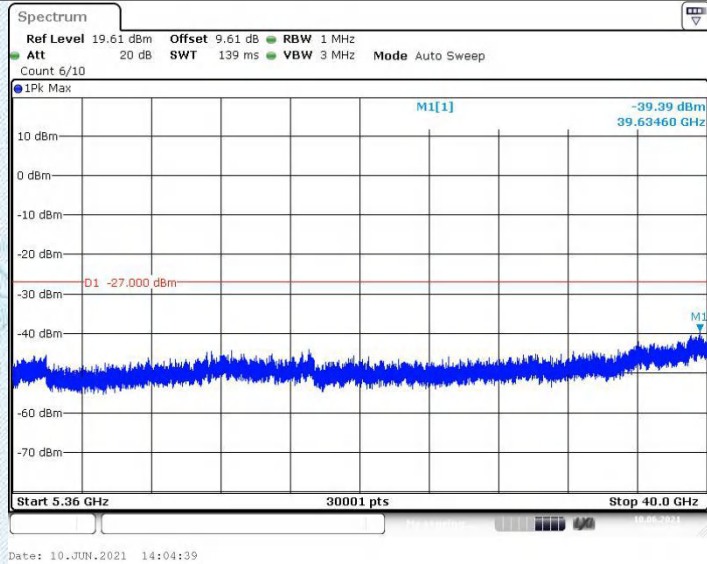
11A Ant1 5180 5360~40000



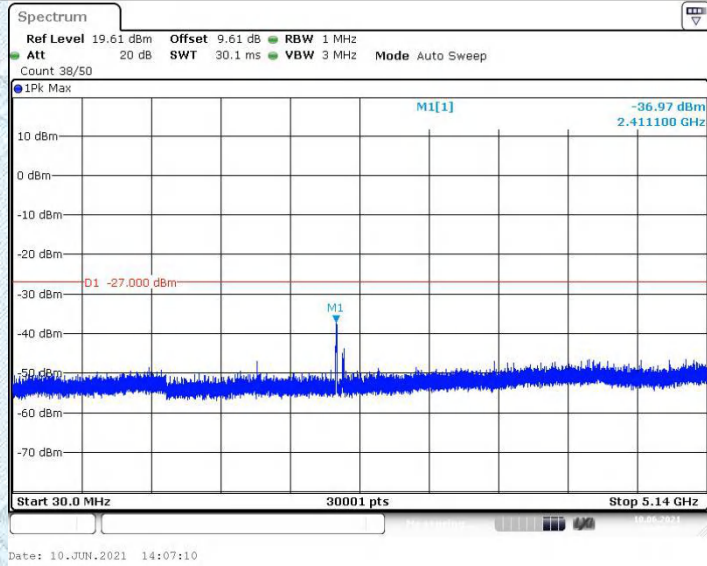
11A Ant1 5220 30~5140



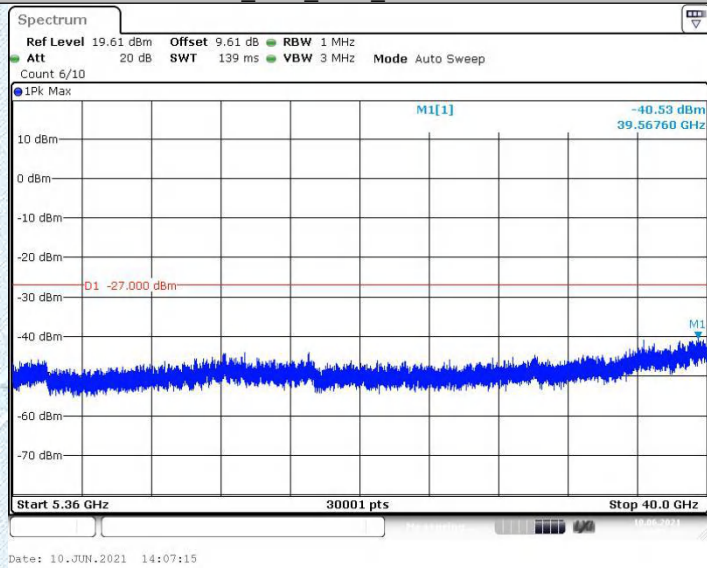
11A Ant1 5220 5360~40000



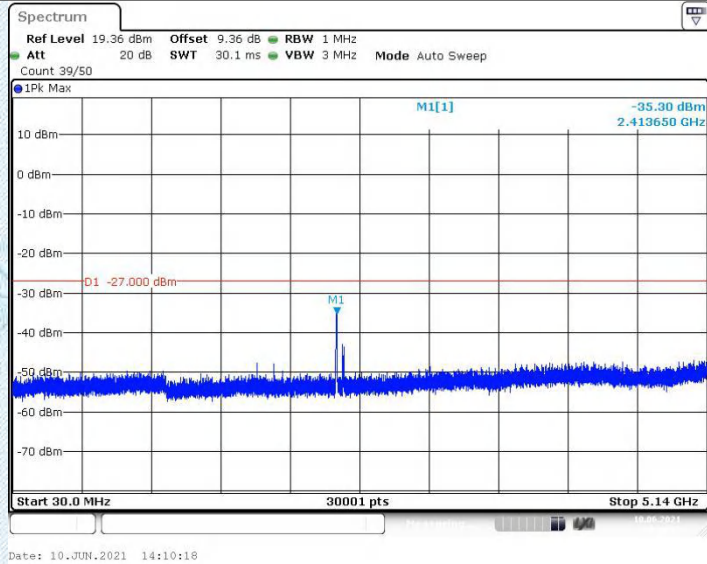
11A Ant1 5240 30~5140



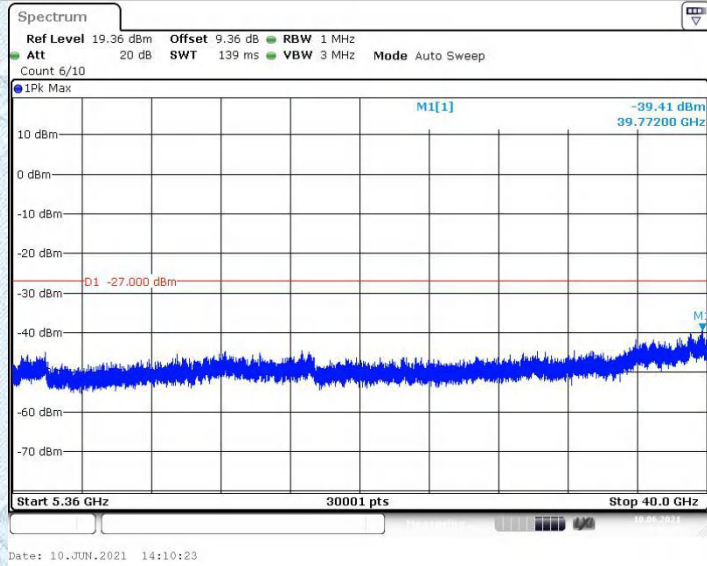
11A Ant1 5240 5360~40000



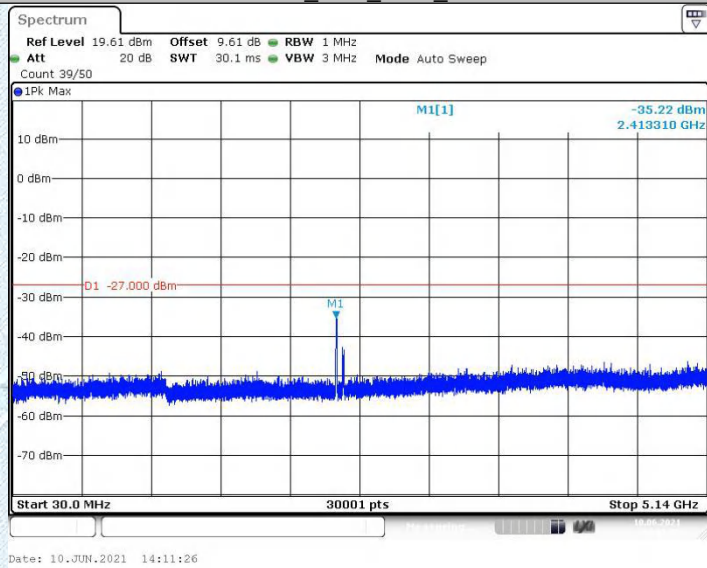
11N20SISO Ant1 5180 30~5140



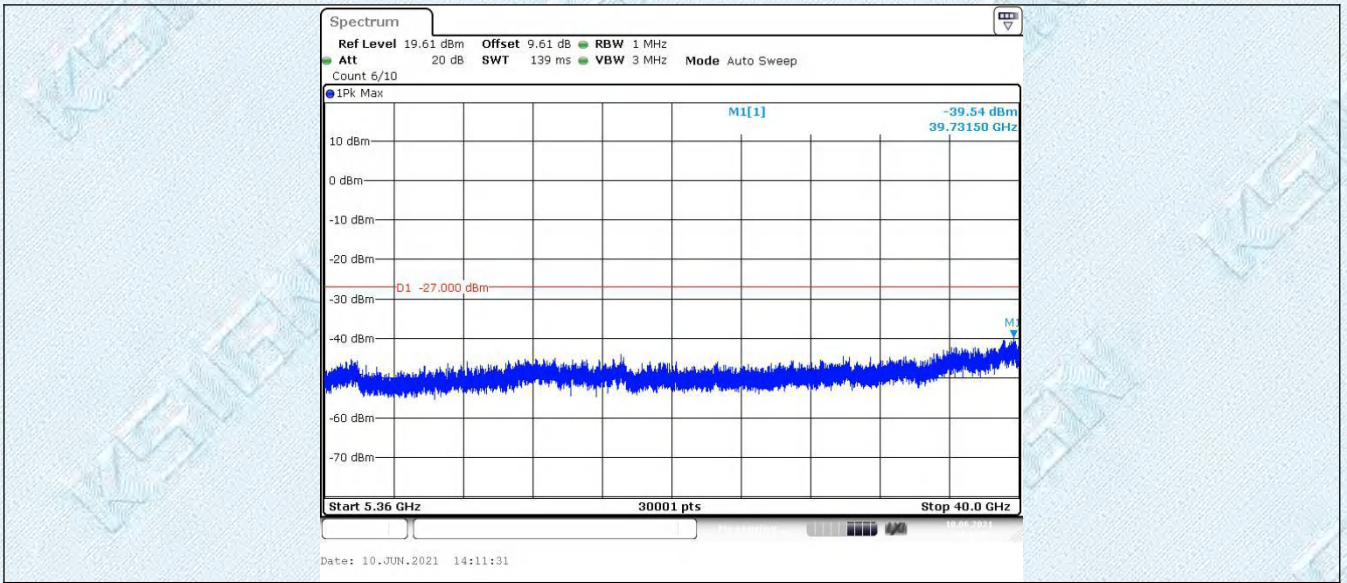
11N20SISO\_Ant1\_5180\_5360~40000



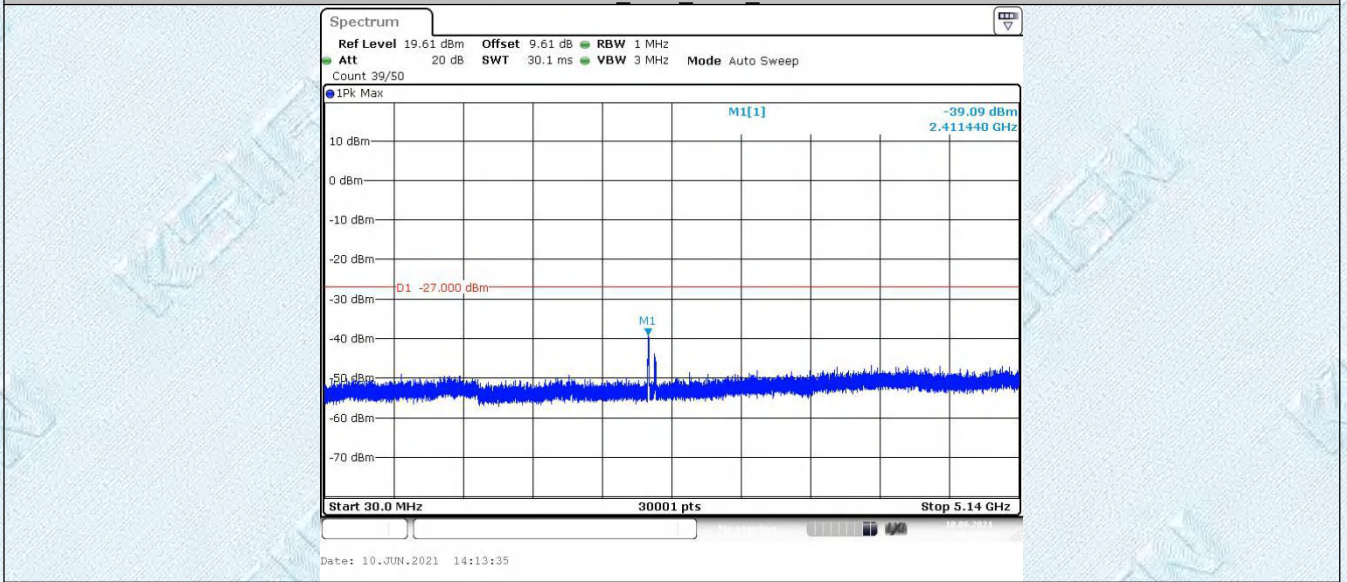
11N20SISO\_Ant1\_5220\_30~5140



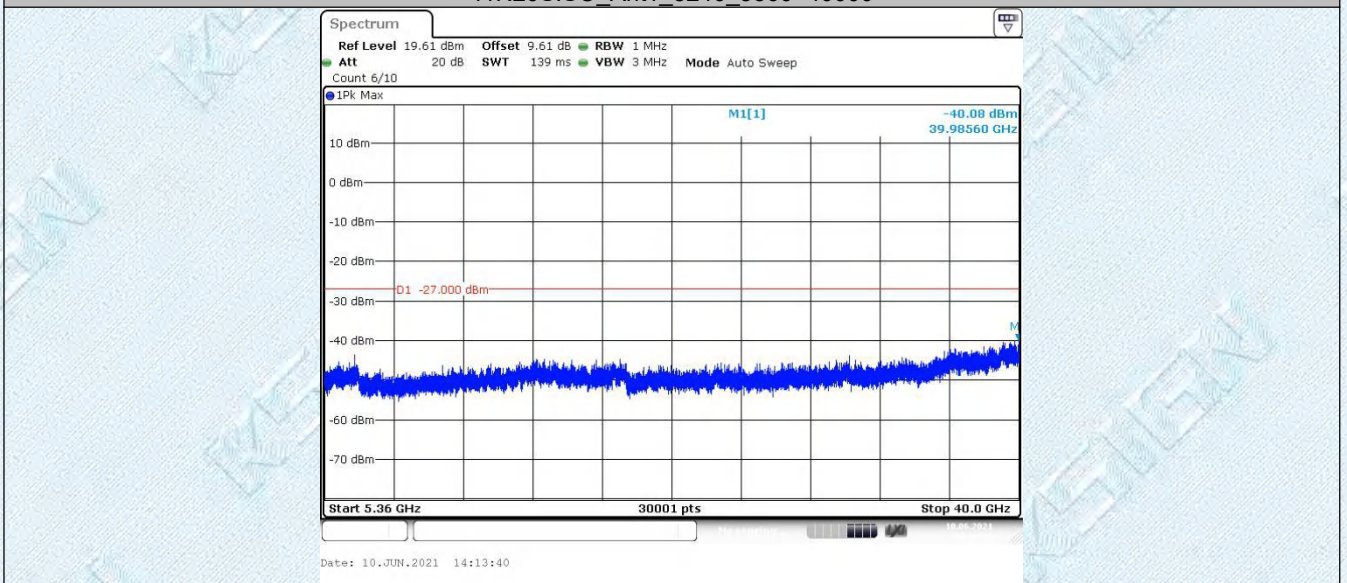
11N20SISO\_Ant1\_5220\_5360~40000



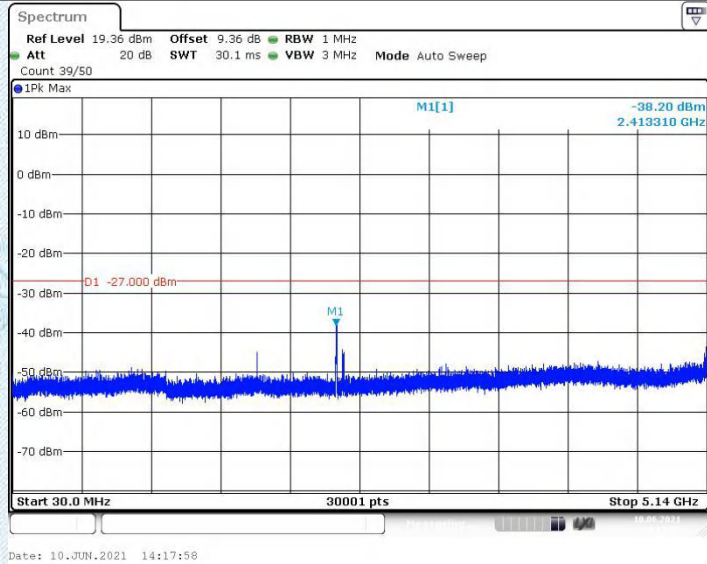
11N20SISO\_Ant1\_5240\_30~5140



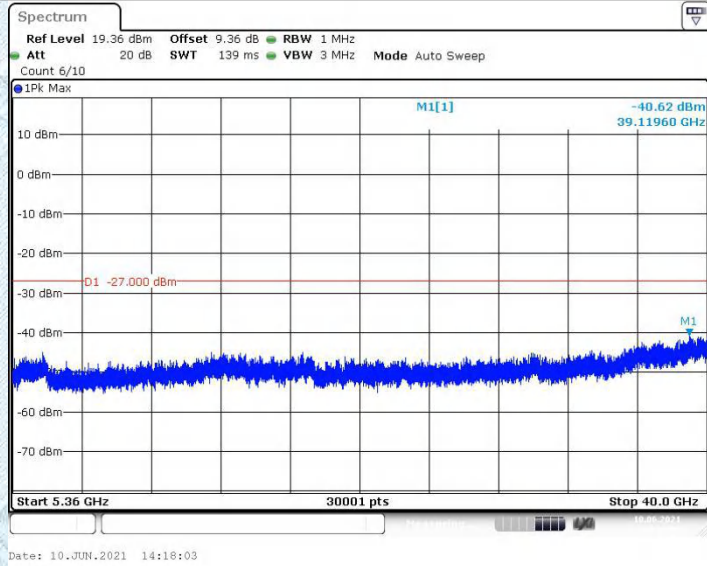
11N20SISO\_Ant1\_5240\_5360~40000



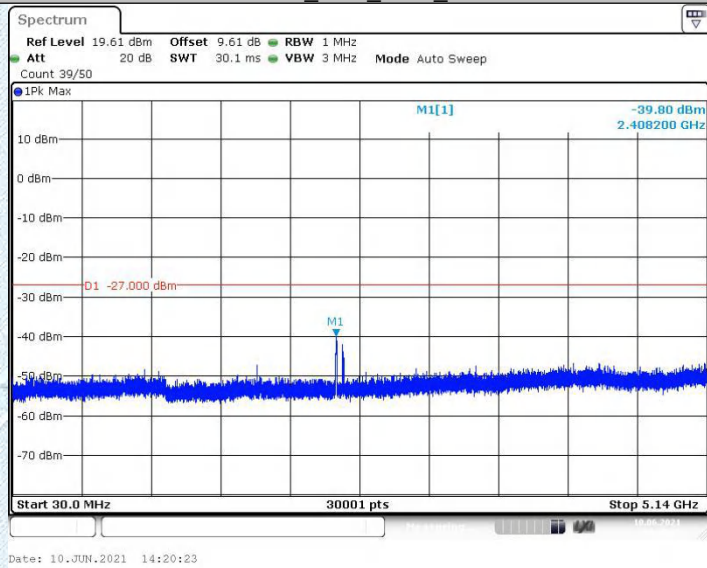
11N40SISO\_Ant1\_5190\_30~5140



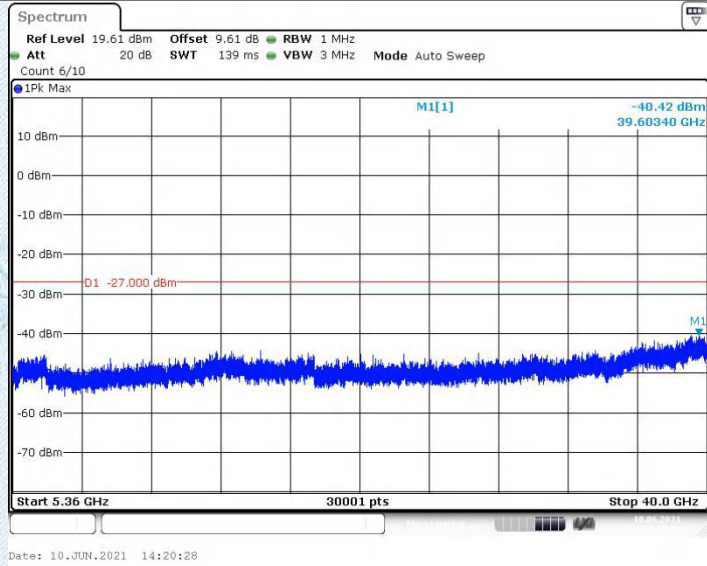
11N40SISO\_Ant1\_5190\_5360~40000



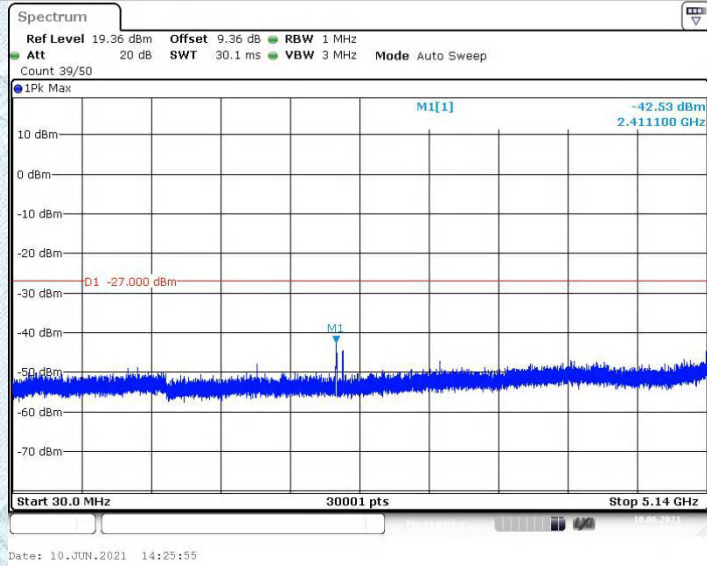
11N40SISO\_Ant1\_5230\_30~5140



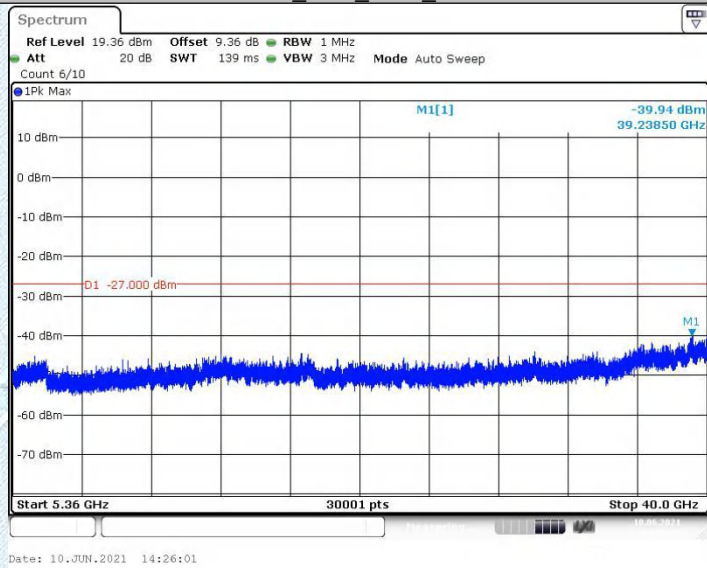
11N40SISO\_Ant1\_5230\_5360~40000



11AC20SISO Ant1 5180 30~5140

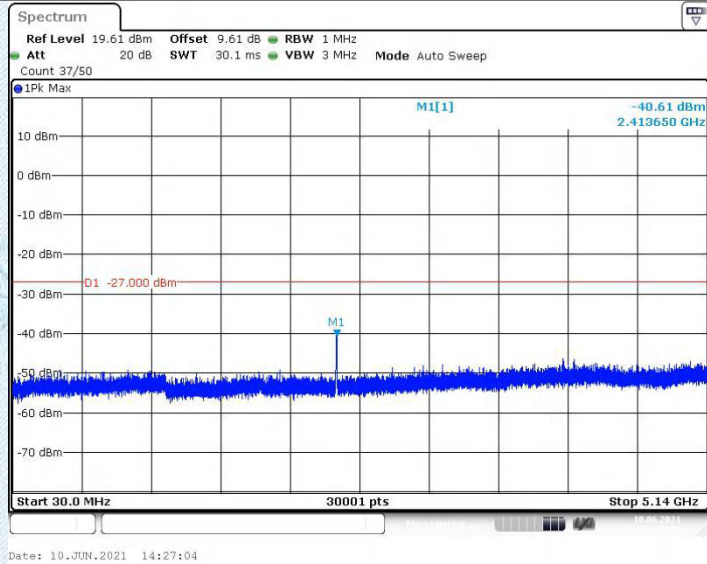


11AC20SISO Ant1 5180 5360~40000

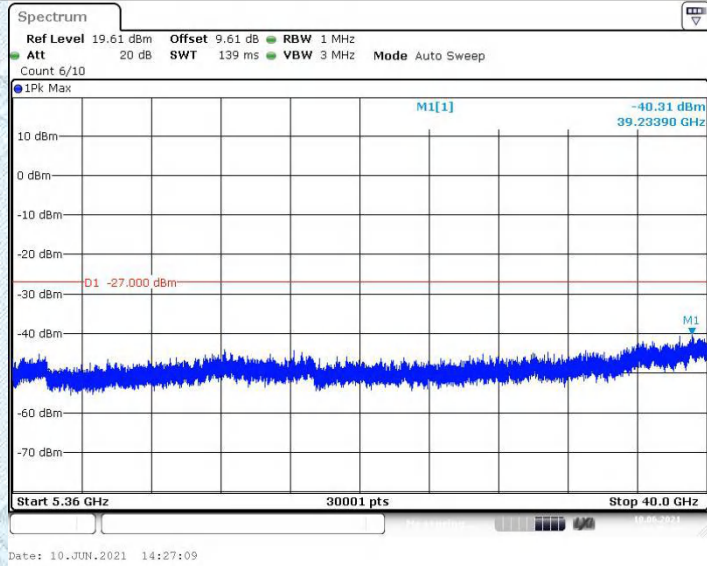


11AC20SISO Ant1 5220 30~5140

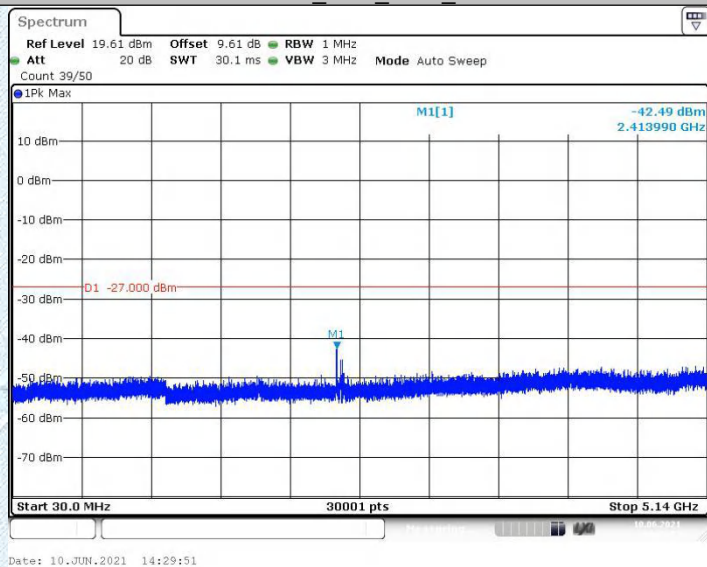




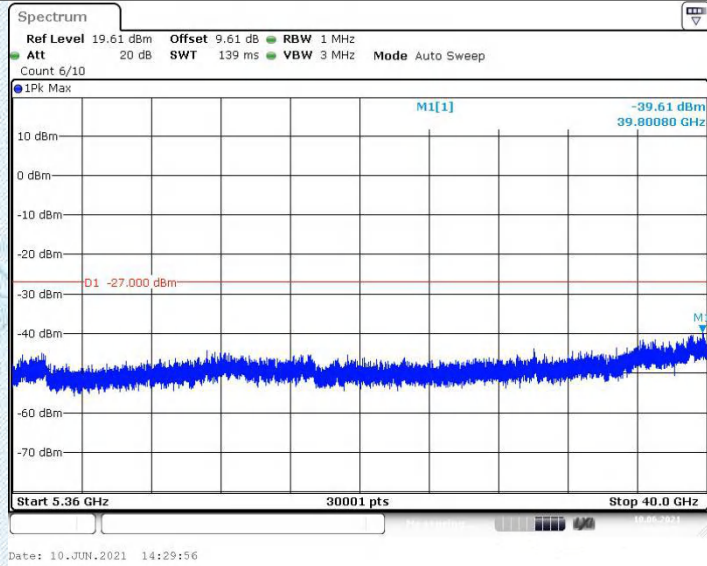
11AC20SISO Ant1 5220 5360~40000



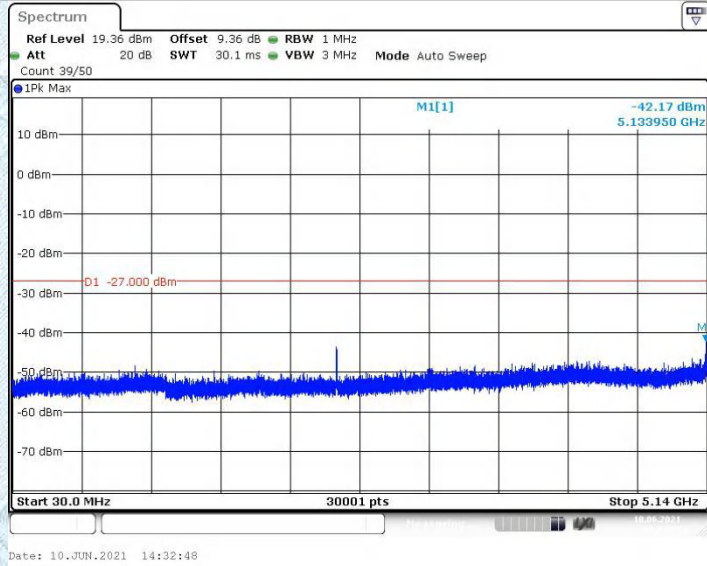
11AC20SISO Ant1 5240 30~5140



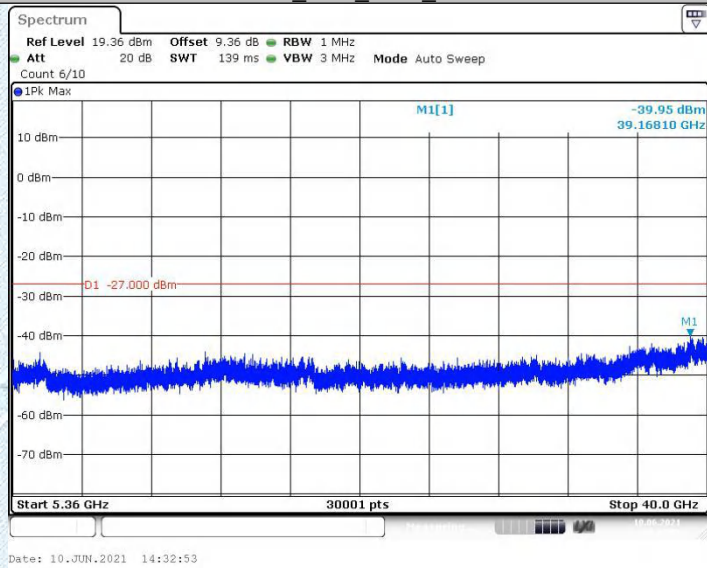
11AC20SISO Ant1 5240 5360~40000



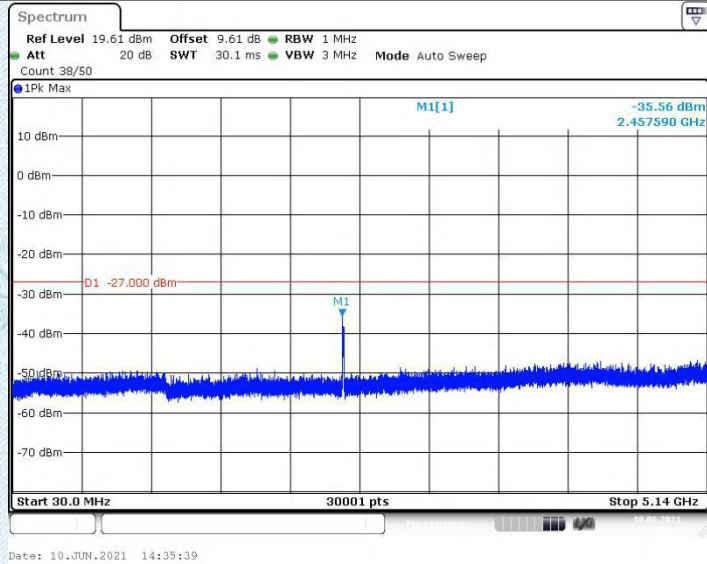
11AC40SISO Ant1 5190 30~5140



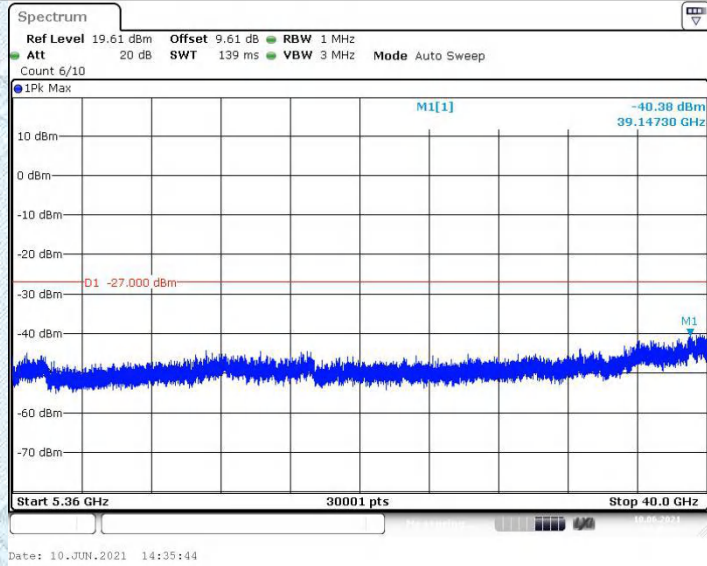
11AC40SISO Ant1 5190 5360~40000



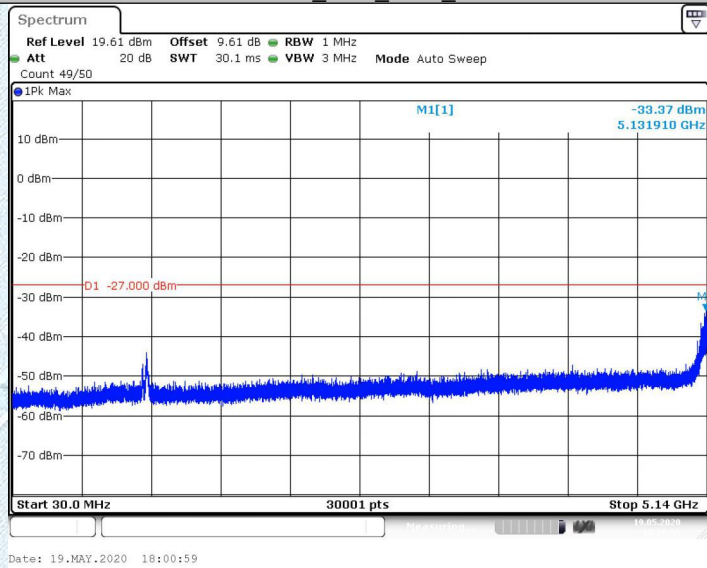
11AC40SISO Ant1 5230 30~5140



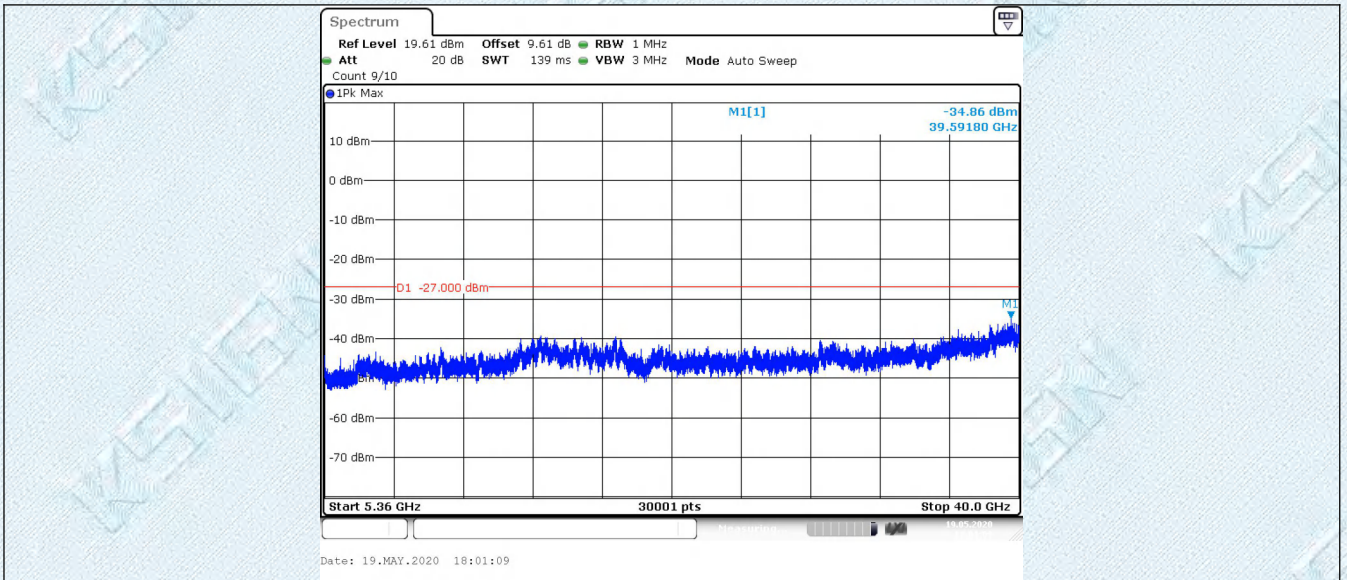
11AC40SISO Ant1 5230 5360~40000



11AC80SISO Ant1 5210 30~5140



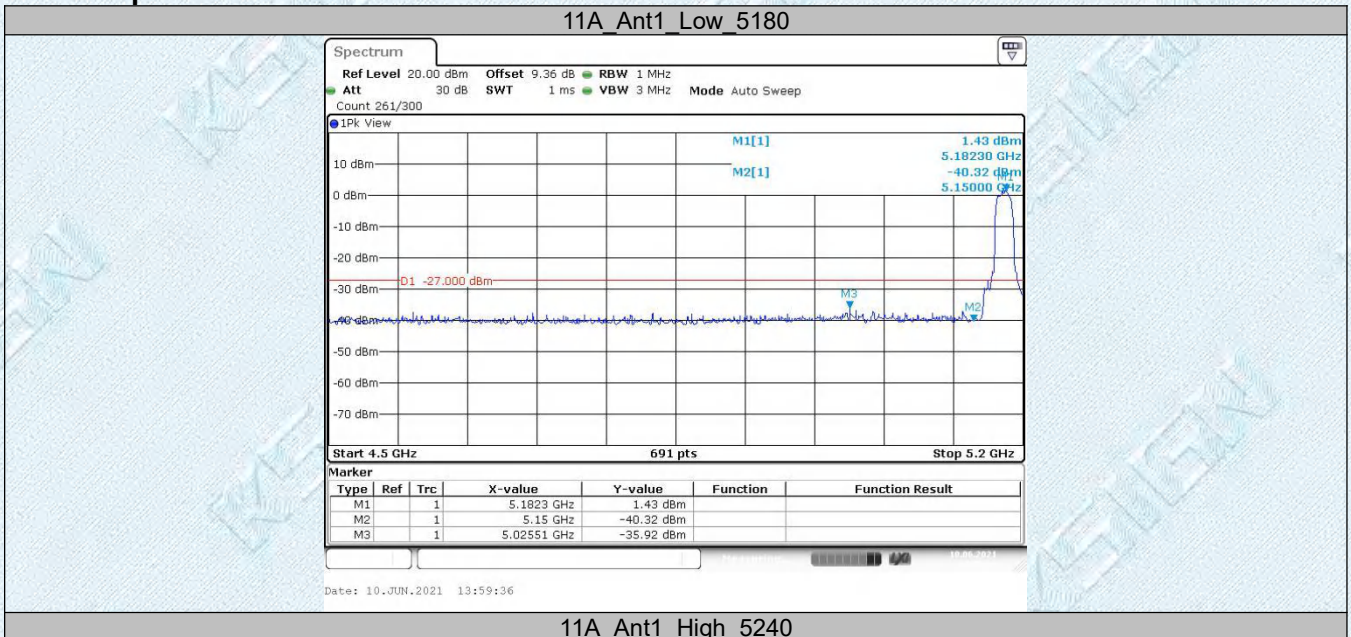
11AC80SISO Ant1 5210 5360~40000

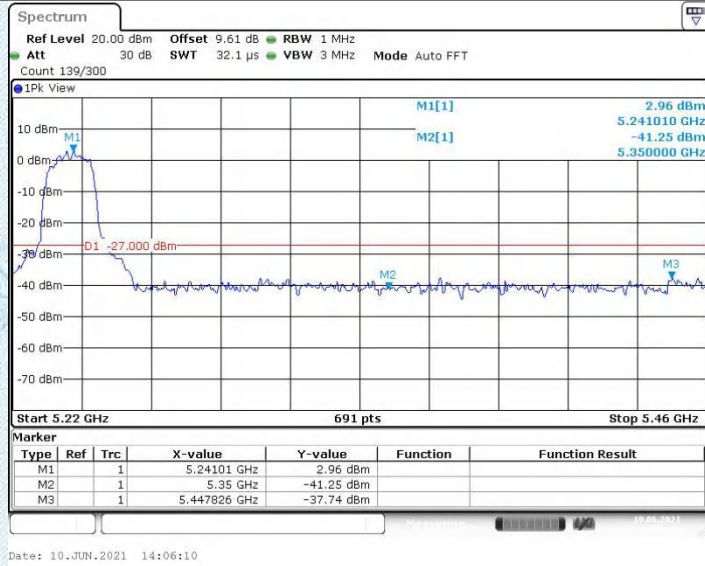


**Band edge measurements**

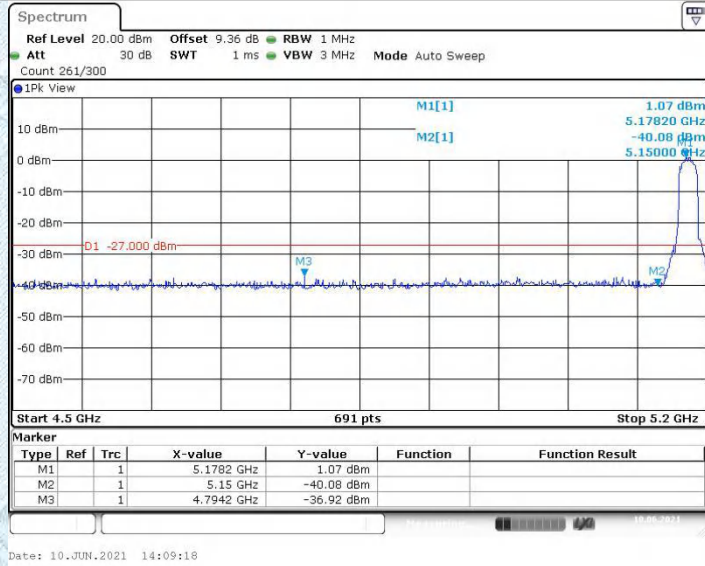
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.92	<=-27	PASS
		High	5240	-37.74	<=-27	PASS
11N20SISO	Ant1	Low	5180	-36.92	<=-27	PASS
		High	5240	-37.23	<=-27	PASS
11N40SISO	Ant1	Low	5190	-31.95	<=-27	PASS
		High	5230	-37.24	<=-27	PASS
11AC20SISO	Ant1	Low	5180	-36.75	<=-27	PASS
		High	5240	-38.14	<=-27	PASS
11AC40SISO	Ant1	Low	5190	-34.61	<=-27	PASS
		High	5230	-38.13	<=-27	PASS
11AC80SISO	Ant1	Low	5210	-33.11	<=-27	PASS
		High	5210	-37.63	<=-27	PASS

**Test Graphs**

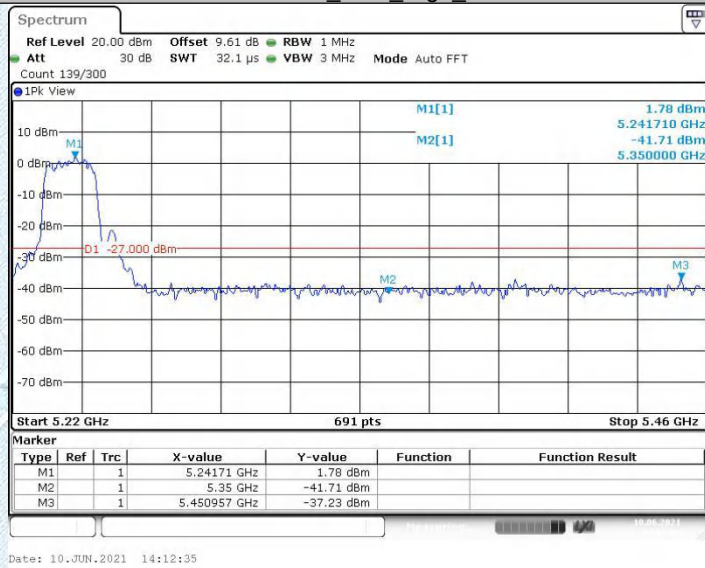




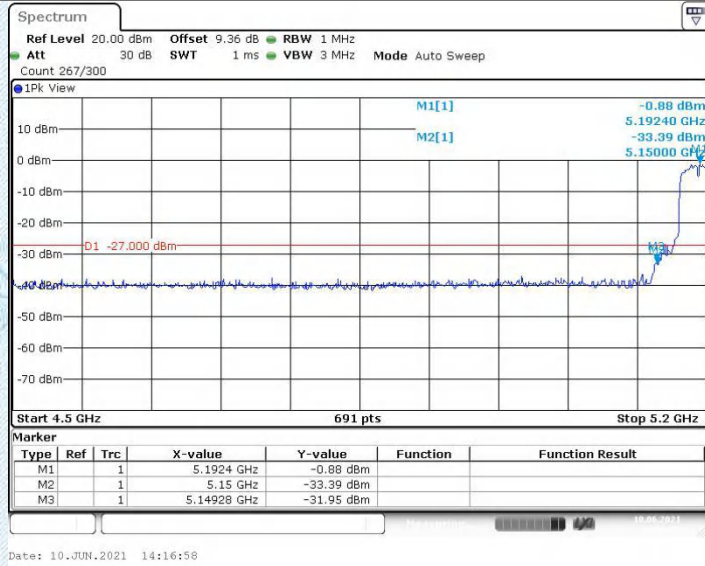
11N20SISO Ant1 Low 5180



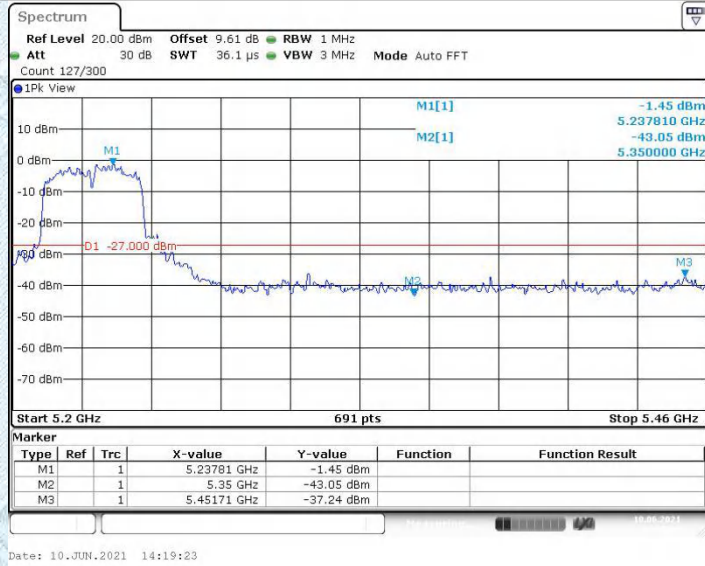
11N20SISO Ant1 High 5240



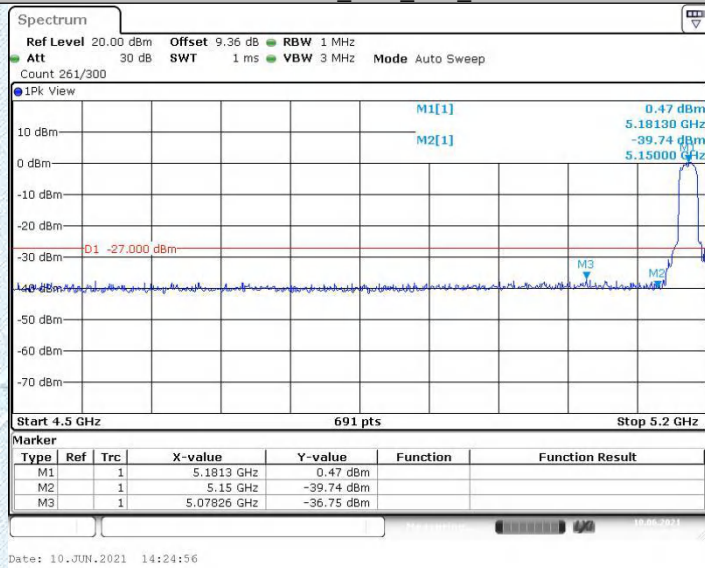
11N40SISO Ant1 Low 5190



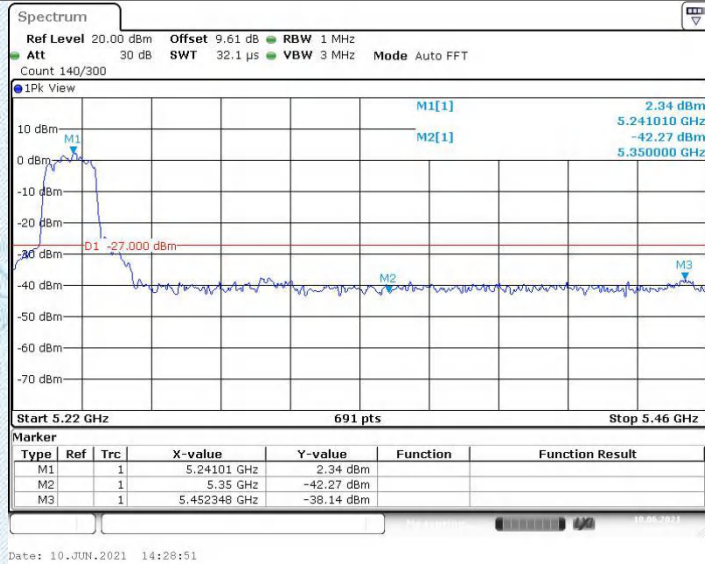
11N40SISO\_Ant1\_High\_5230



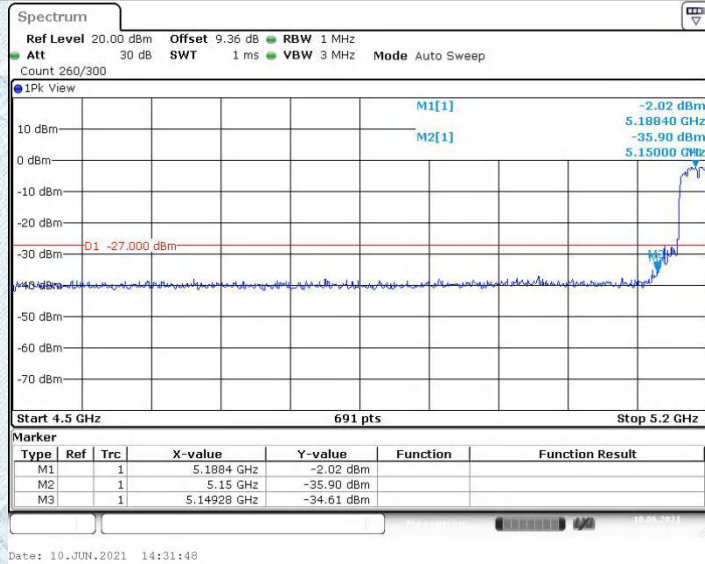
11AC20SISO\_Ant1\_Low\_5180



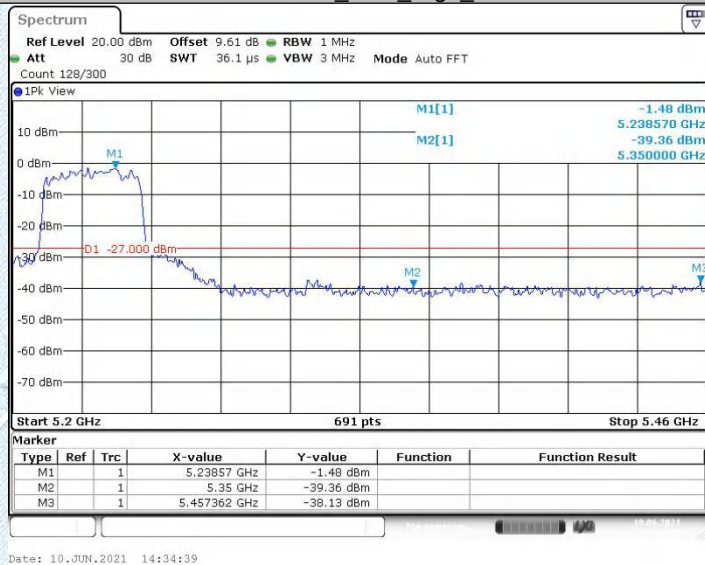
11AC20SISO\_Ant1\_High\_5240

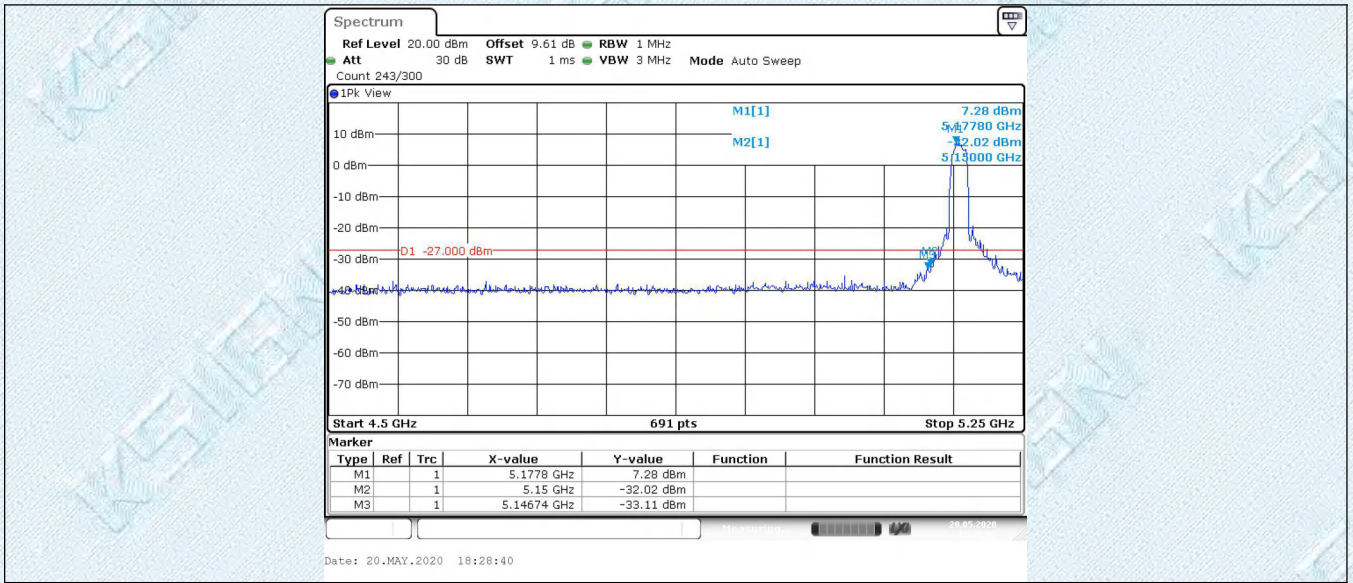


11AC40SISO\_Ant1\_Low\_5190

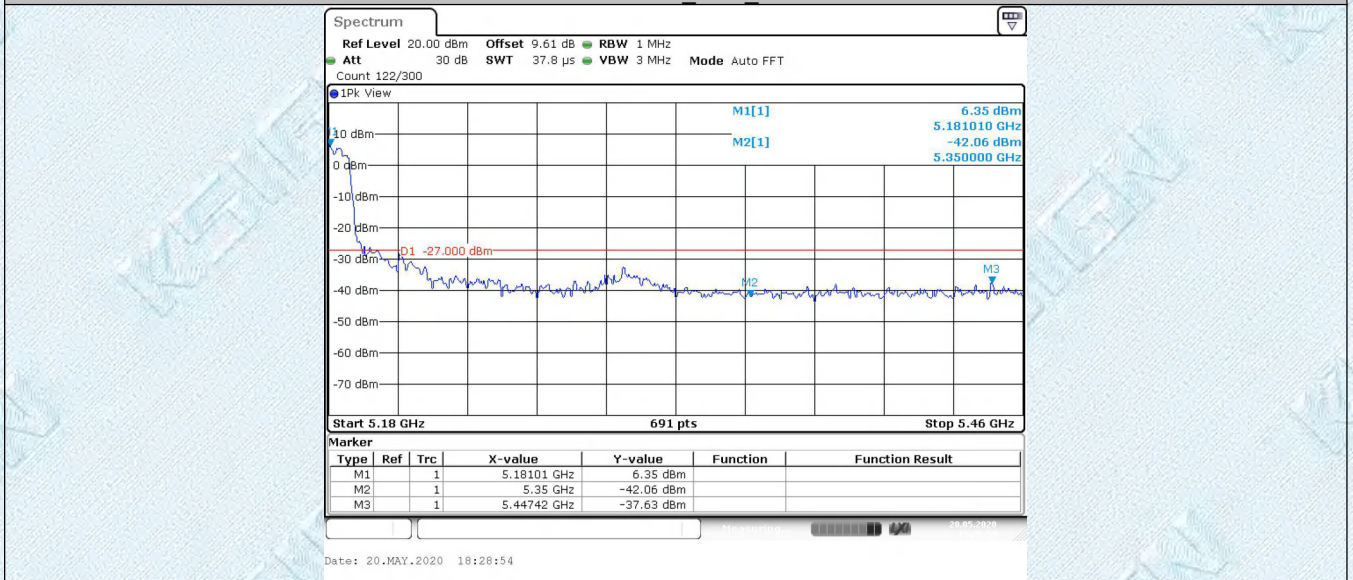


11AC40SISO\_Ant1\_High\_5230





11AC80SISO\_Ant1\_5210





## 4. EUT TEST PHOTOS

Reference to the document No.: Test Photos.

## 5. PHOTOGRAPHS OF EUT CONSTRUCTIONAL

Reference to the document No.: External Photos and Internal Photos.

\*\*\*\*\*THE END\*\*\*\*\*