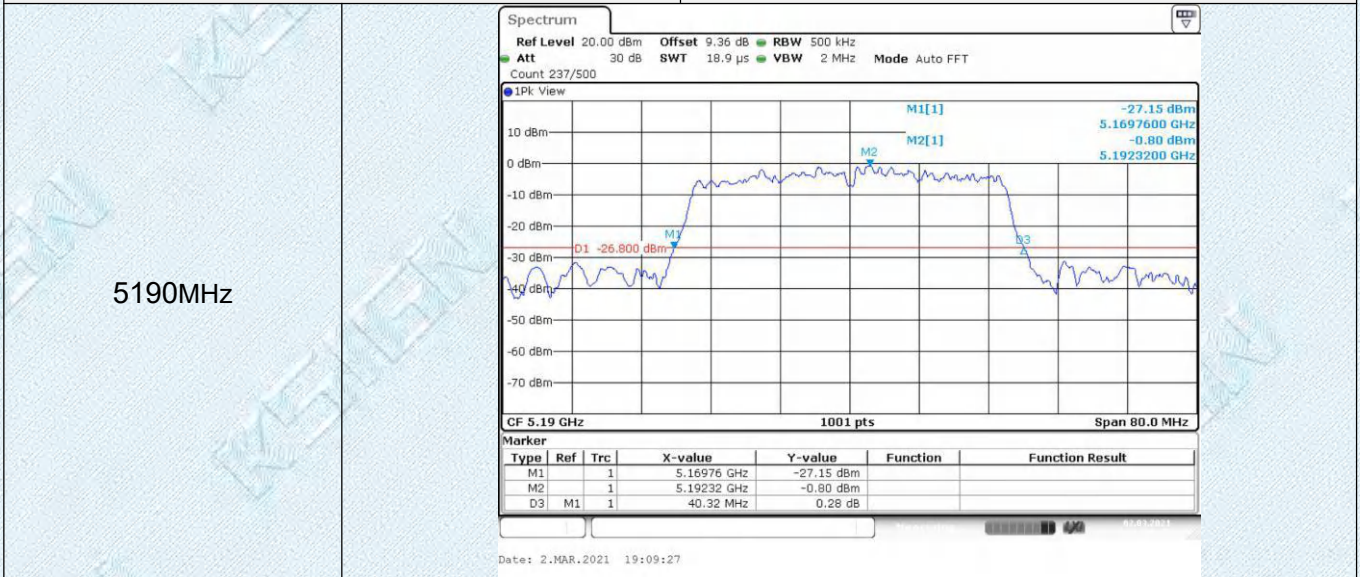
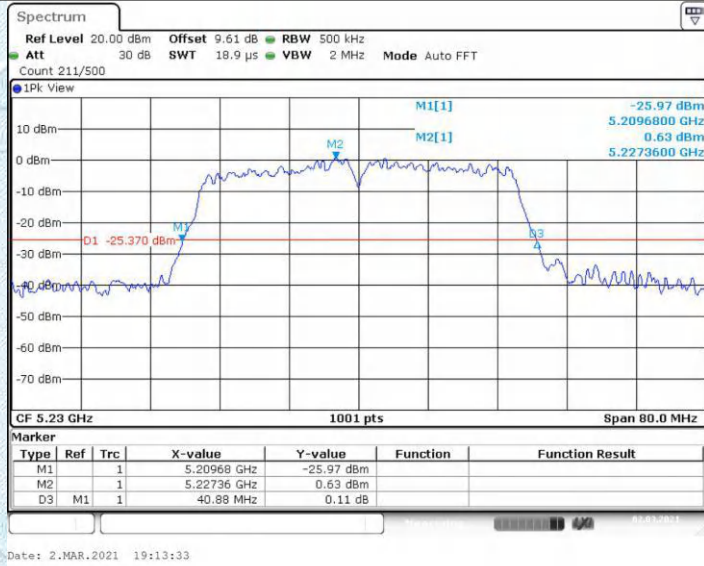


26dB bandwidth **802.11ac (HT40)**



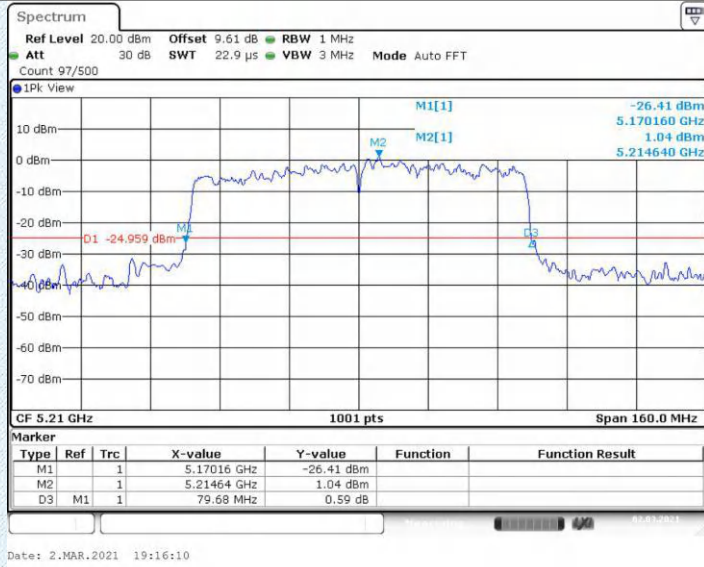
5230MHz



26dB bandwidth

802.11ac (HT80)

5210MHz



Band U-NII-1

99% Occupied bandwidth

802.11a

5180MHz



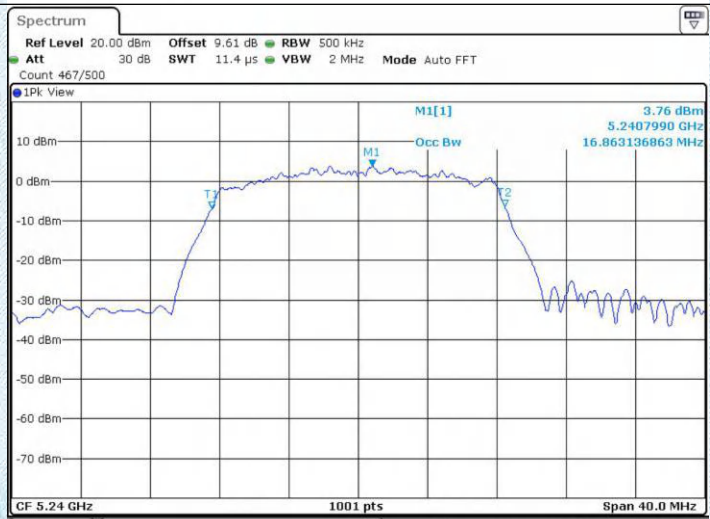
Date: 2.MAR.2021 18:37:07

5220MHz



Date: 2.MAR.2021 18:40:31

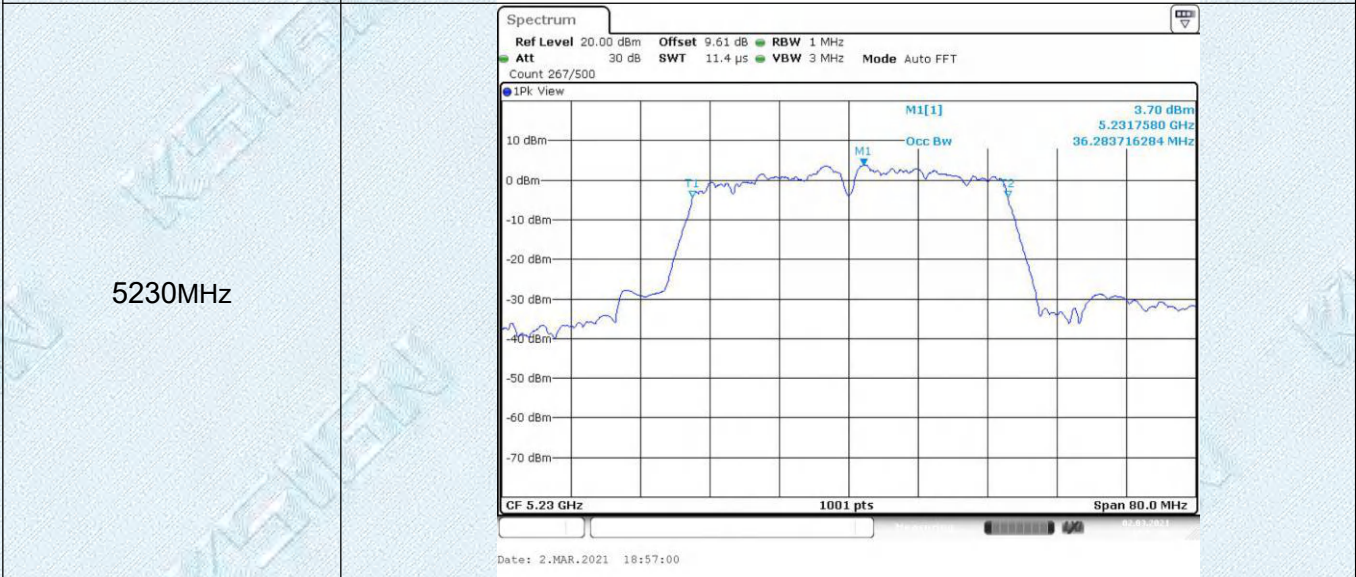
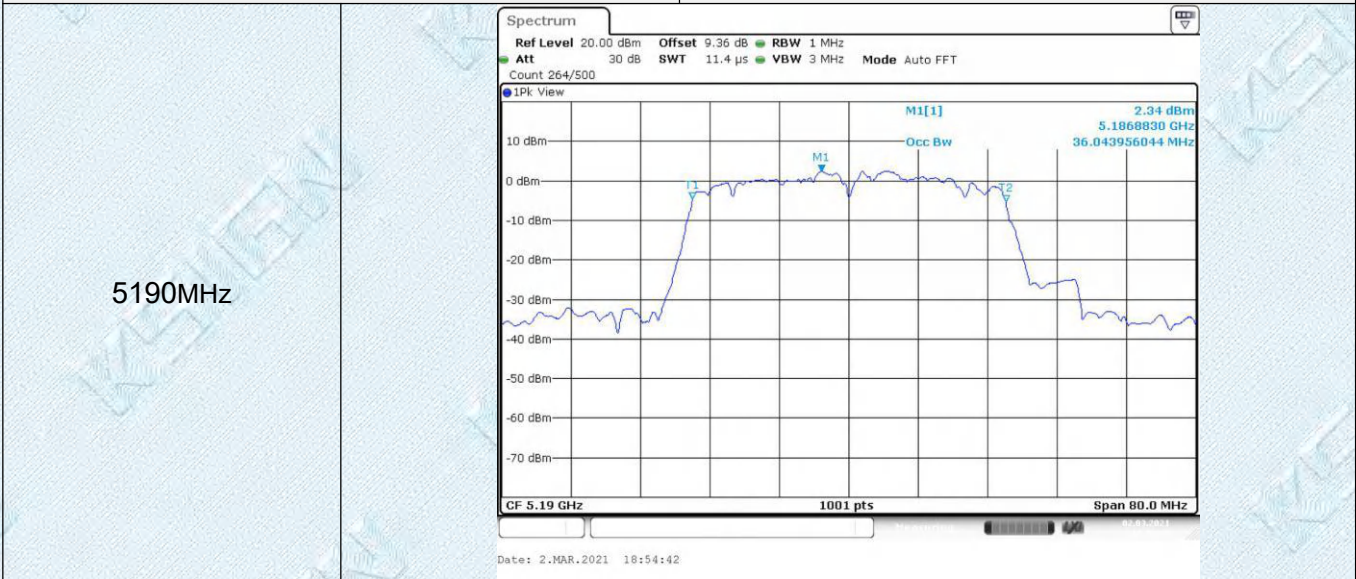
5240MHz



Date: 2.MAR.2021 18:41:52

99% Occupied bandwidth	802.11n (HT20)
5180MHz	<p>CF 5.18 GHz 1001 pts Span 40.0 MHz</p> <p>Date: 2.MAR.2021 18:45:05</p>
5220MHz	<p>CF 5.22 GHz 1001 pts Span 40.0 MHz</p> <p>Date: 2.MAR.2021 18:47:31</p>
5240MHz	<p>CF 5.24 GHz 1001 pts Span 40.0 MHz</p> <p>Date: 2.MAR.2021 18:50:34</p>

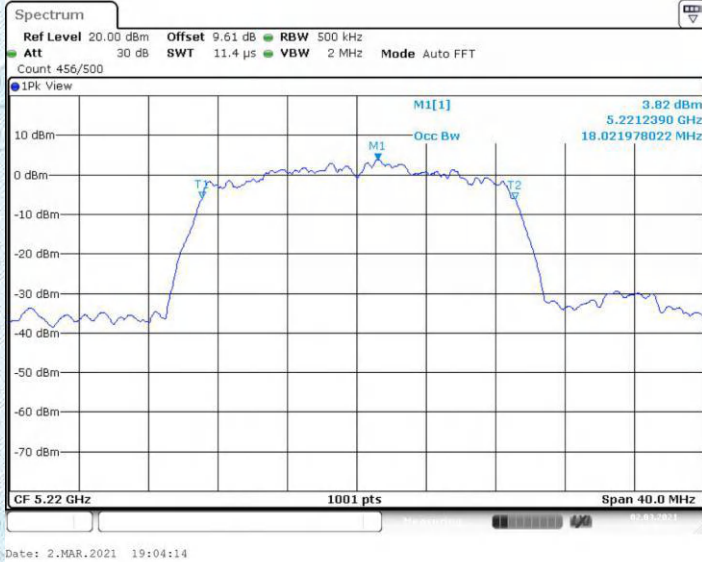
99% Occupied bandwidth **802.11n (HT40)**



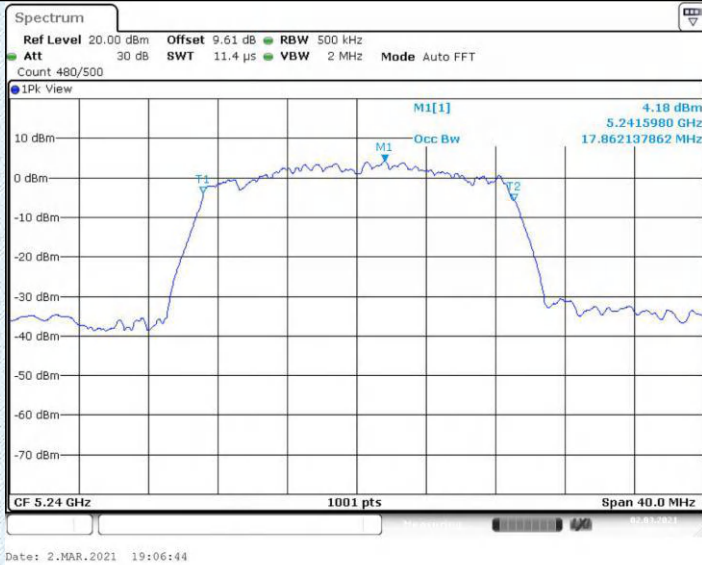
99% Occupied bandwidth **802.11ac (HT20)**



5220MHz



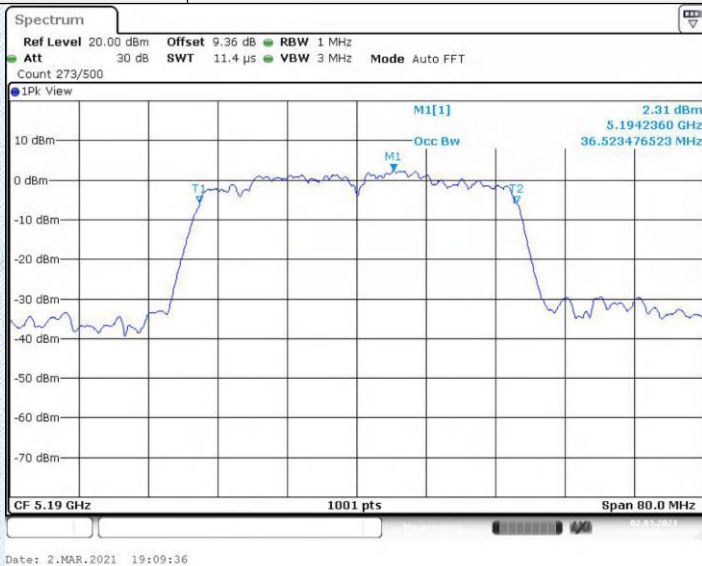
5240MHz

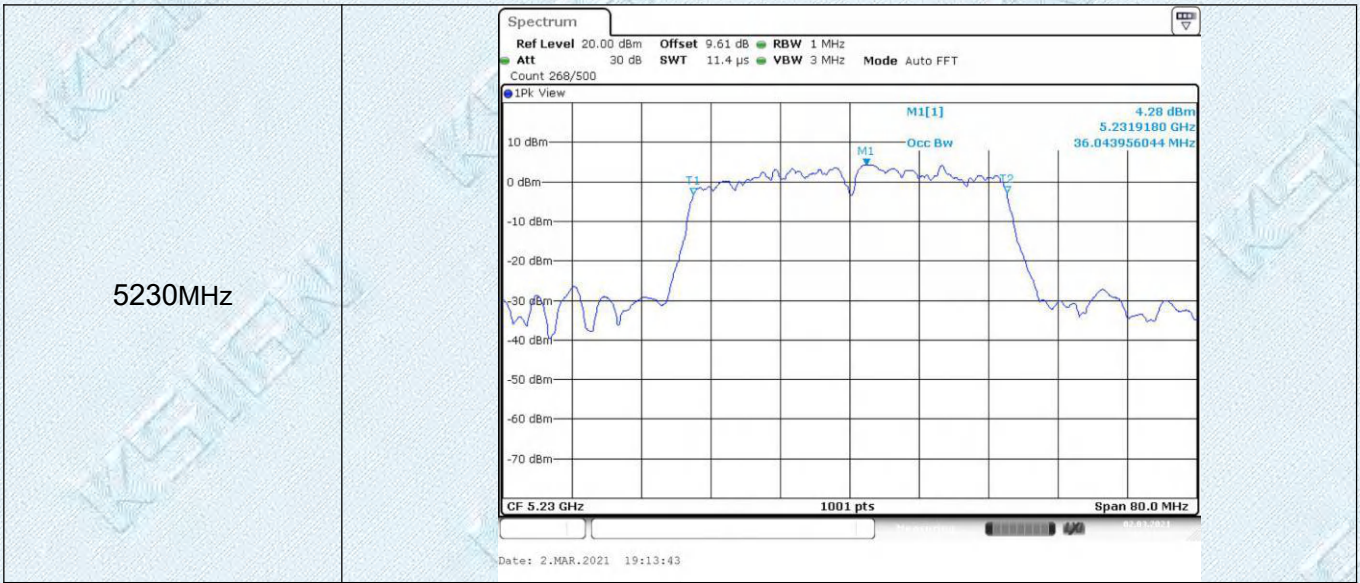


99% Occupied bandwidth

802.11ac (HT40)

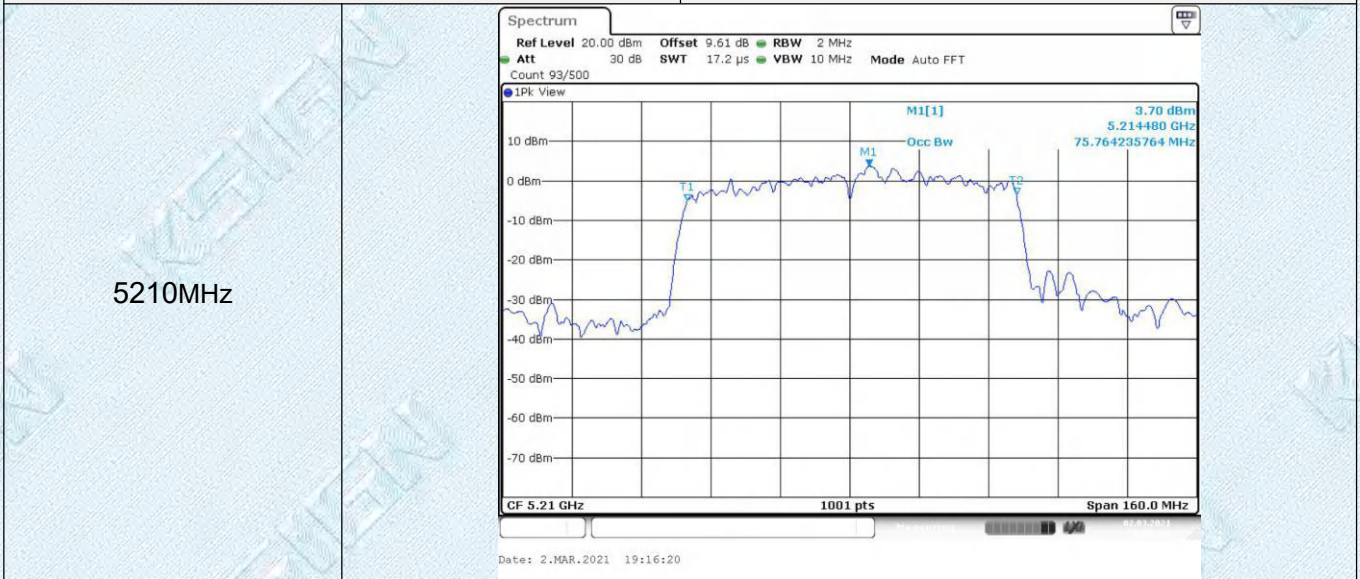
5190MHz





99% Occupied bandwidth

802.11ac (HT80)

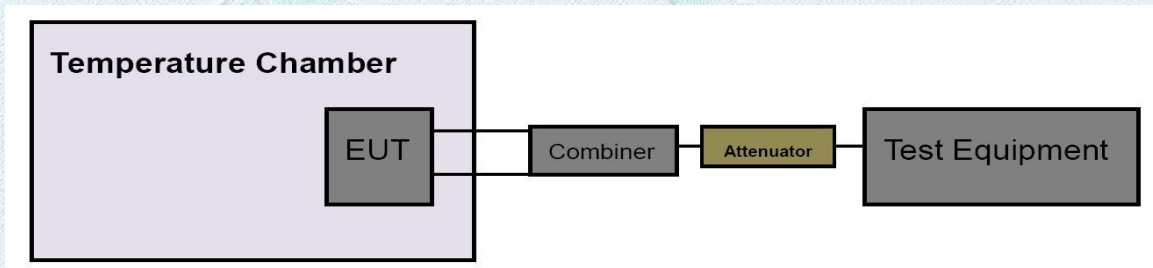


3.5. Frequency Stability Measurement

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 ± 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.

Band U-NII-1	
801.11a	5180 MHz
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (Hz)
3.7	-7000
3.33	-7000
4.07	-7000
Max. Deviation (Hz)	0
Max. Deviation (ppm)	0
Limit (ppm)	20
Result	Pass
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (Hz)
-30	-7000
-20	-7000
-10	-7000
0	-7000
10	-7000
20	-7000
30	-8000
40	-7000
50	-8000
Max. Deviation (Hz)	1000
Max. Deviation (ppm)	0.193051
Limit (ppm)	20
Result	Pass

3.6. 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:

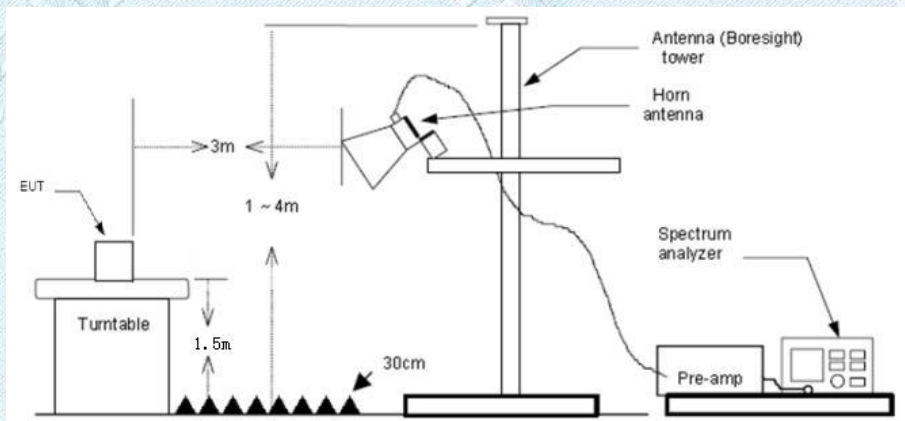
$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

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. $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$, 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.

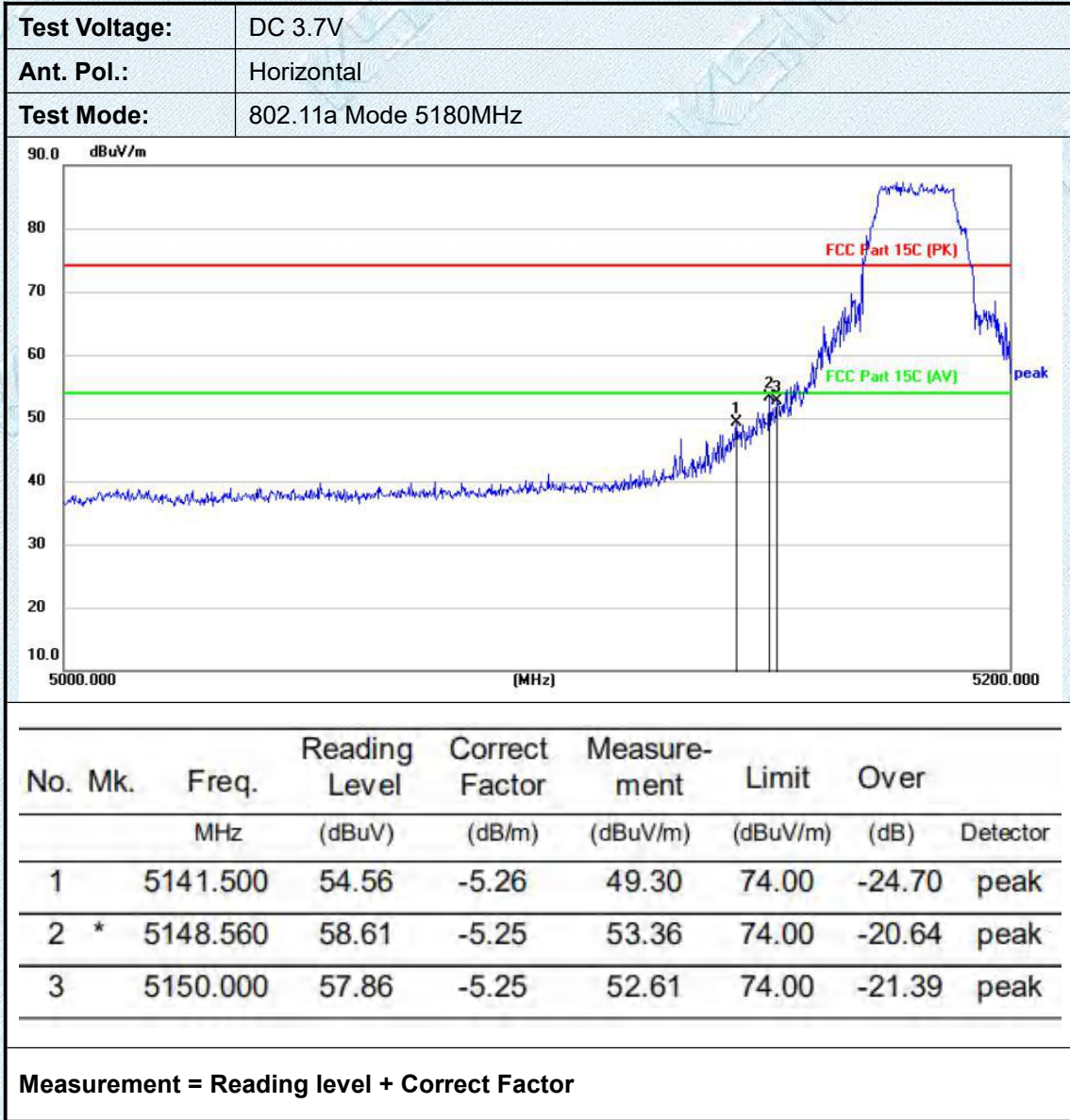
Test Results

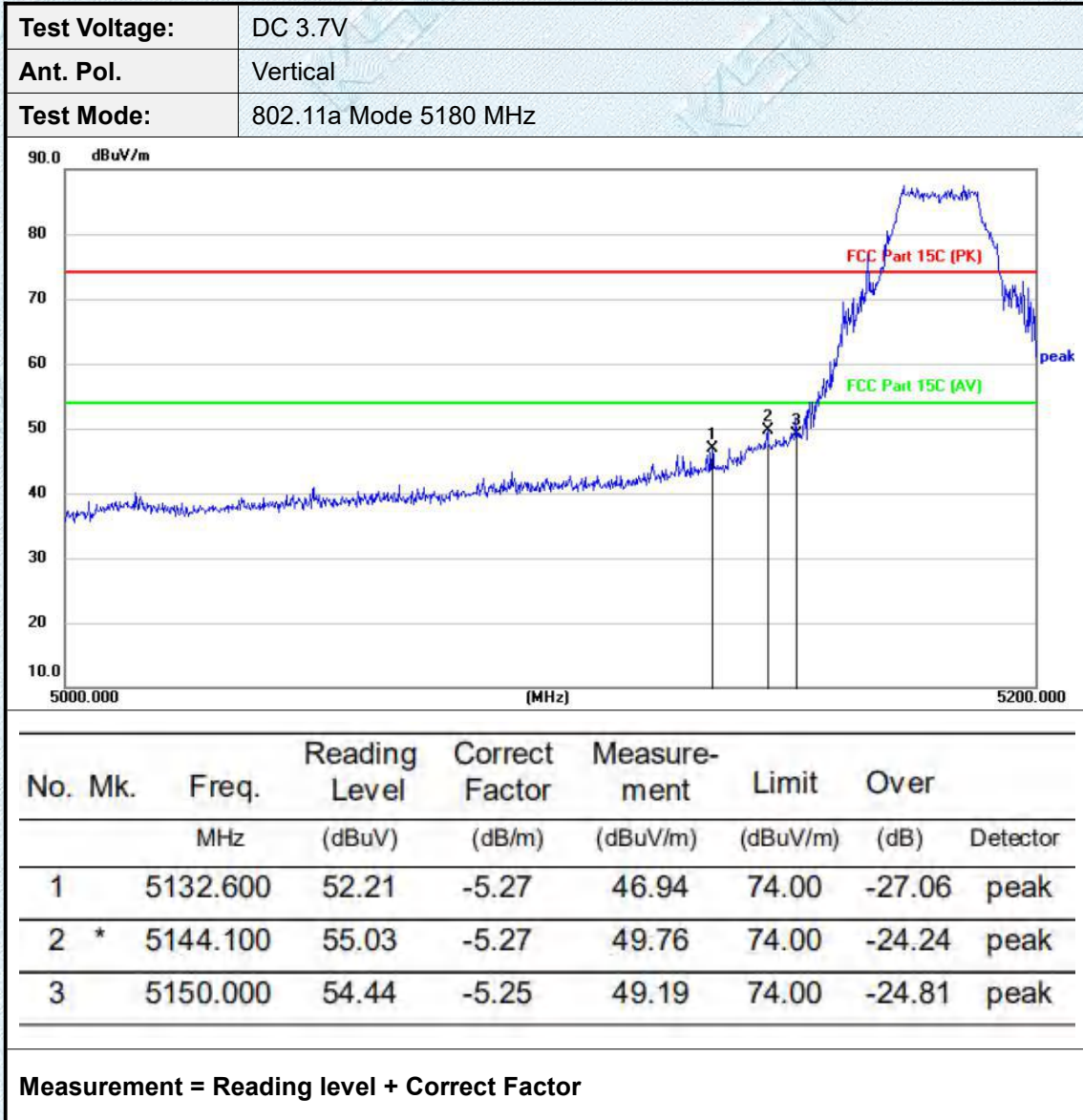
Note:

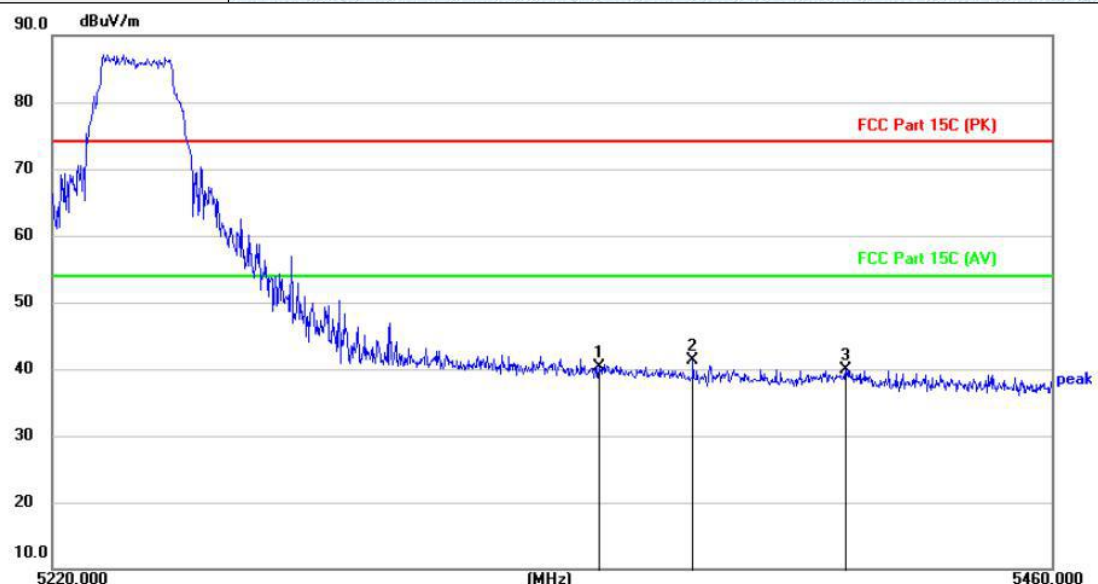
1.Measurement = Reading level + Correct Factor

Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor

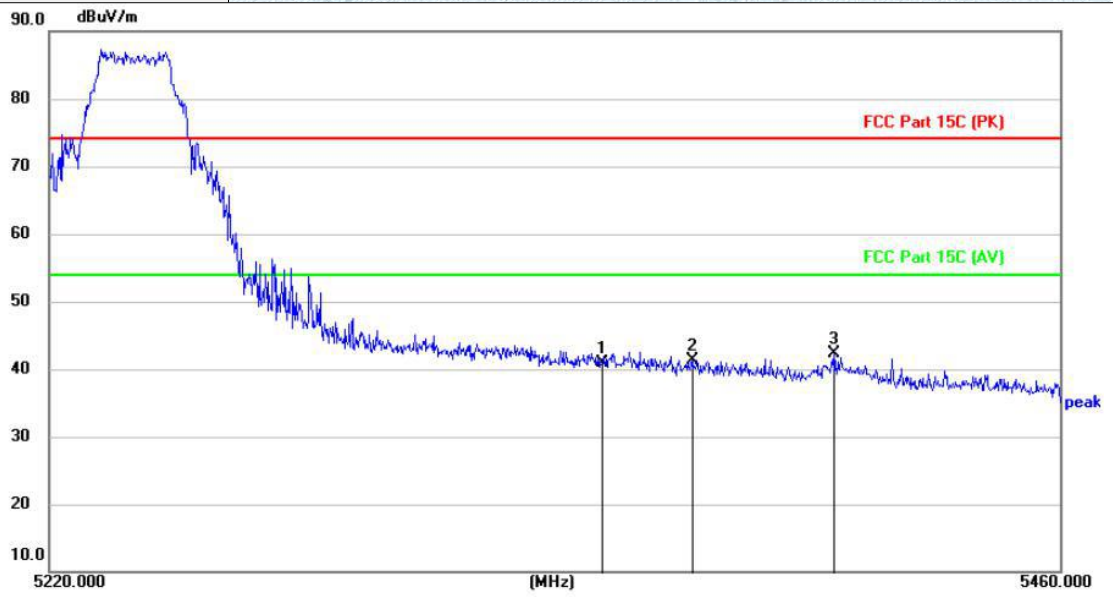
2.Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation which it is worse case for above 1GHz, so only show the test data for worse case.





Test Voltage:	DC 3.7V						
Ant. Pol.	Horizontal						
Test Mode:	802.11a Mode 5240MHz						
							
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB) Detector
1		5350.000	45.39	-5.07	40.32	74.00	-33.68 peak
2	*	5372.712	46.26	-5.05	41.21	74.00	-32.79 peak
3		5409.792	44.97	-5.02	39.95	74.00	-34.05 peak
Measurement = Reading level + Correct Factor							

Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	802.11a Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		5350.000	46.00	-5.07	40.93	74.00	-33.07	peak
2		5371.488	46.35	-5.05	41.30	74.00	-32.70	peak
3	*	5405.760	47.27	-5.01	42.26	74.00	-31.74	peak

Measurement = Reading level + Correct Factor

3.7. 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

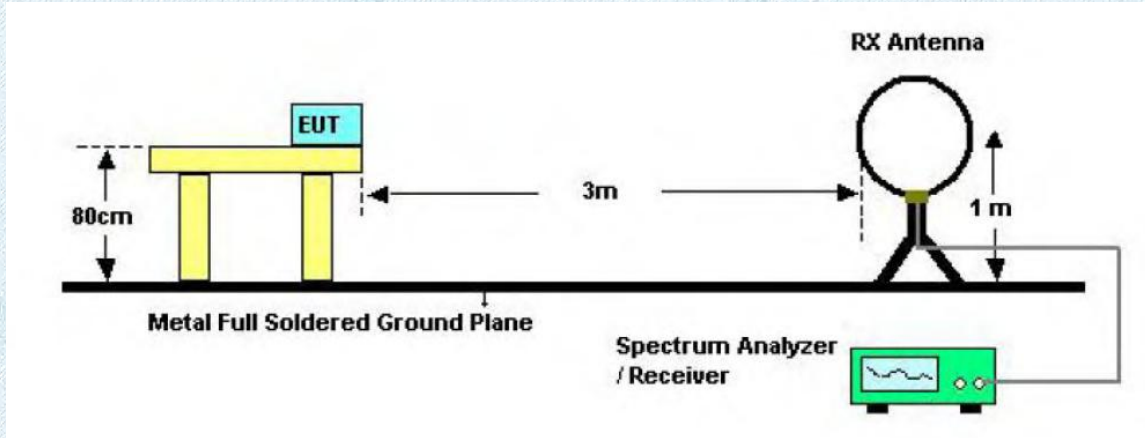
NOTE:

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

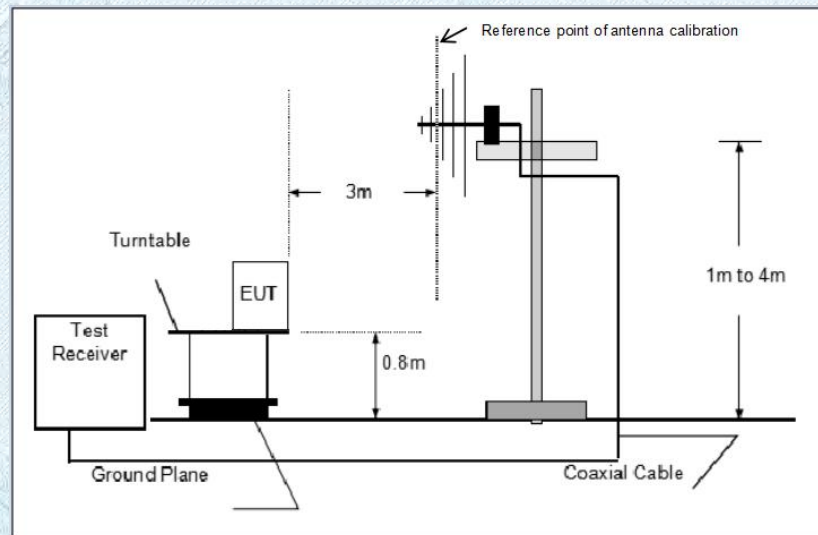
$$E = \frac{1000000 \sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

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.

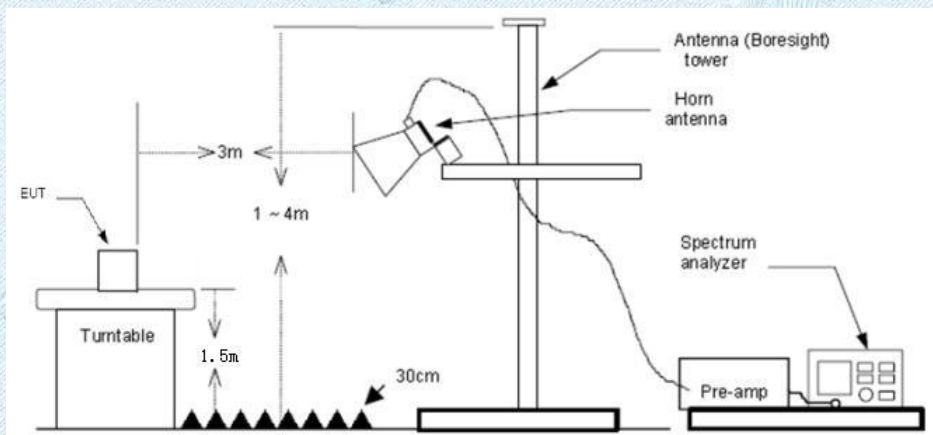
Test Configuration



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

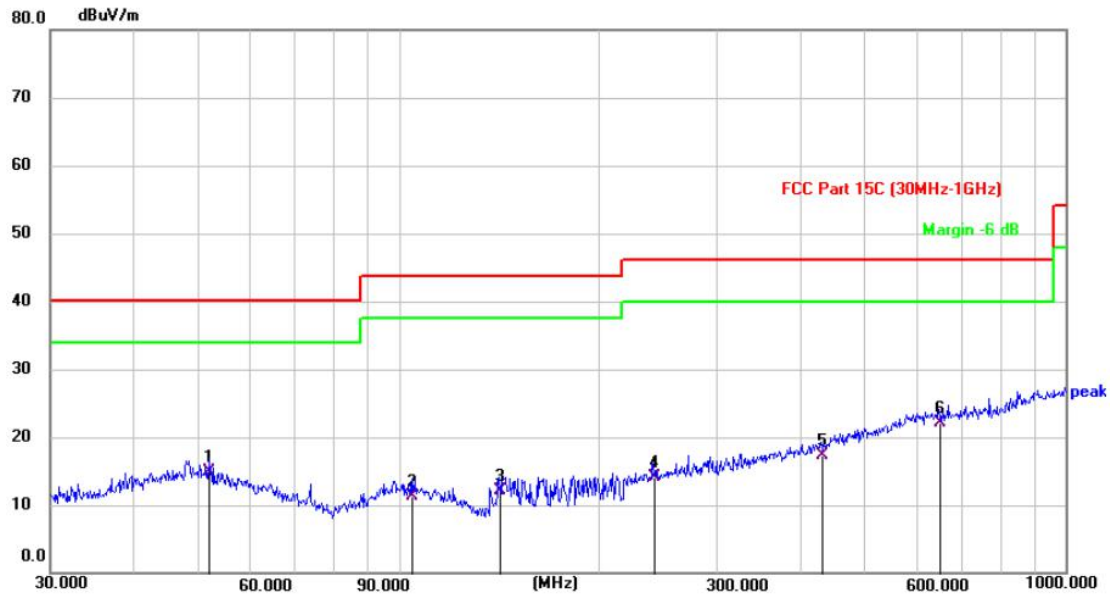
From 9 KHz~30 MHz and 18GHz~40GHz: Conclusion: PASS

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 5240MHz 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

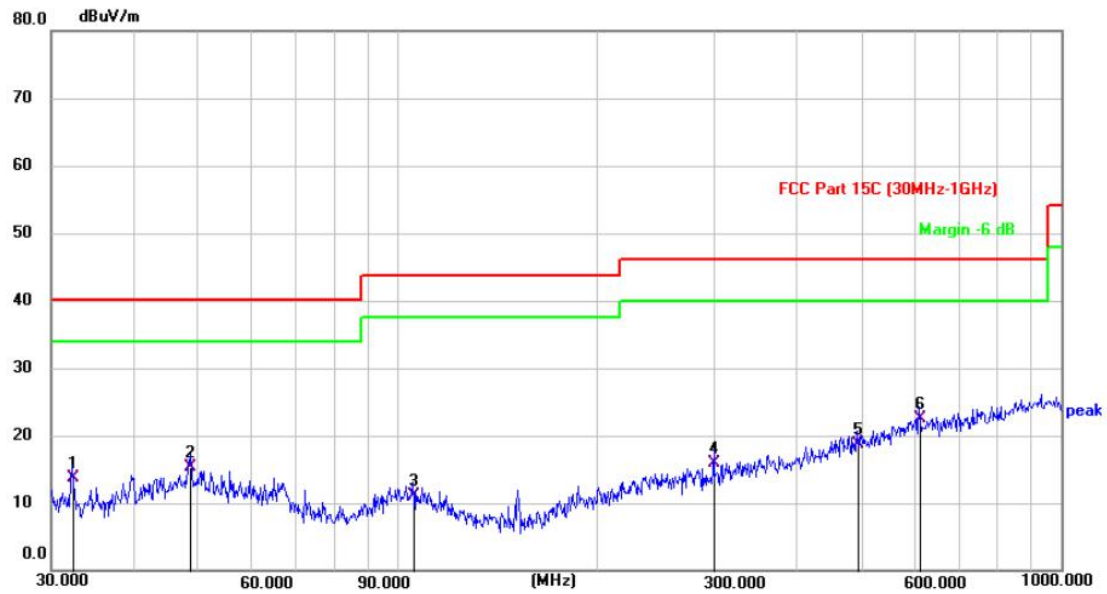
Test Voltage:	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)
Remark:	Only worse case is reported



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		52.0251	25.71	-10.73	14.98	40.00	-25.02	QP
2		104.6828	24.29	-12.94	11.35	43.50	-32.15	QP
3		141.5280	28.51	-16.40	12.11	43.50	-31.39	QP
4		241.1684	25.87	-11.68	14.19	46.00	-31.81	QP
5		430.8805	25.15	-7.84	17.31	46.00	-28.69	QP
6	*	647.1586	26.16	-4.02	22.14	46.00	-23.86	QP

Measurement = Reading Level+ Correct Factor

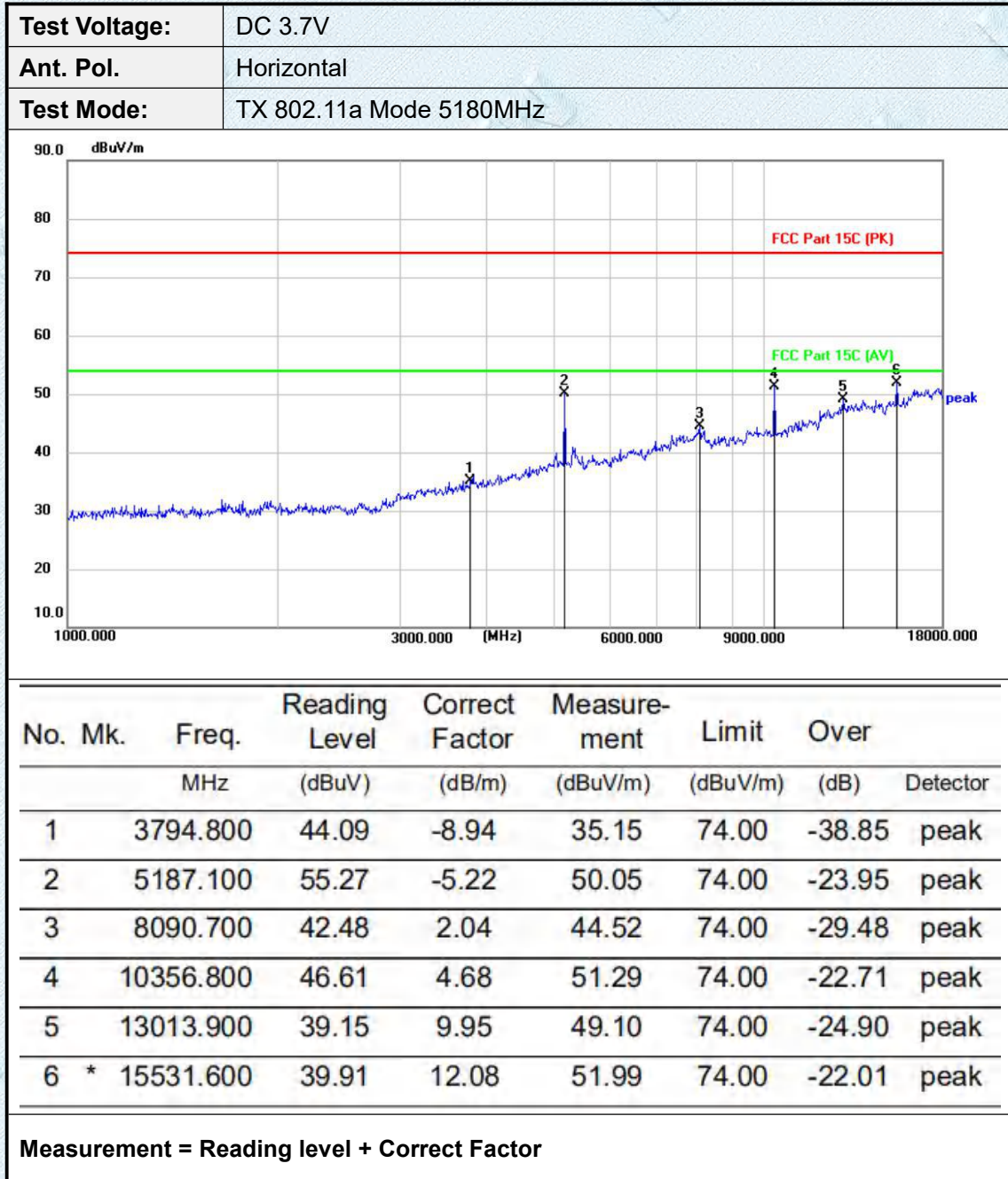
Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)
Remark:	Only worse case is reported



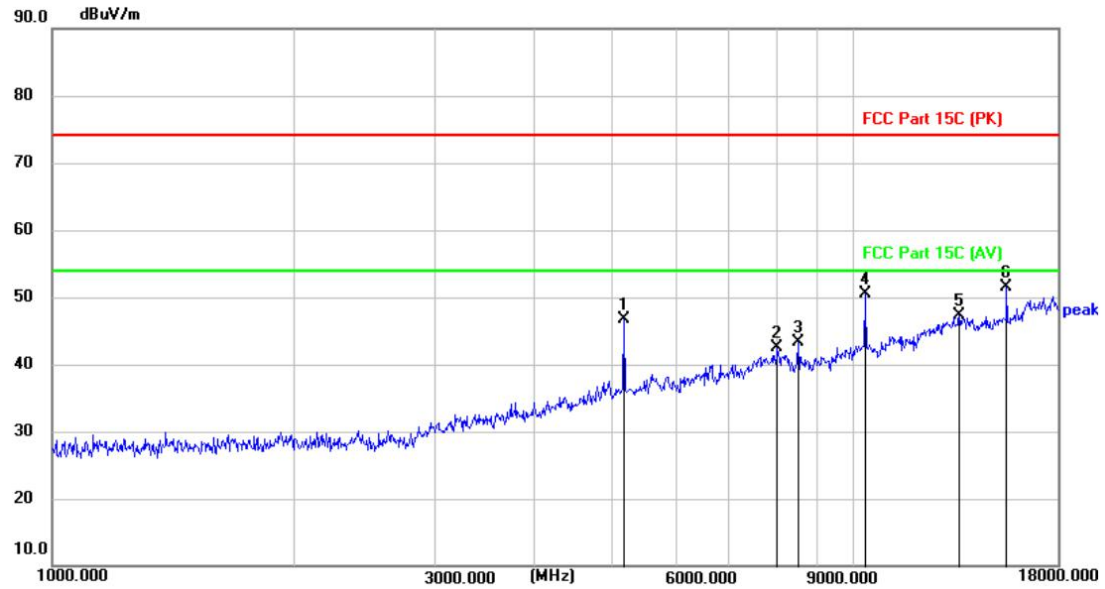
No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		32.2925	27.21	-13.46	13.75	40.00	-26.25	QP
2		48.6719	25.60	-10.39	15.21	40.00	-24.79	QP
3		105.3087	24.13	-12.99	11.14	43.50	-32.36	QP
4		300.0514	26.50	-10.58	15.92	46.00	-30.08	QP
5		493.8520	25.00	-6.39	18.61	46.00	-27.39	QP
6	*	610.5637	26.69	-4.23	22.46	46.00	-23.54	QP

Measurement = Reading Level+ Correct Factor

Adobe 1GHz

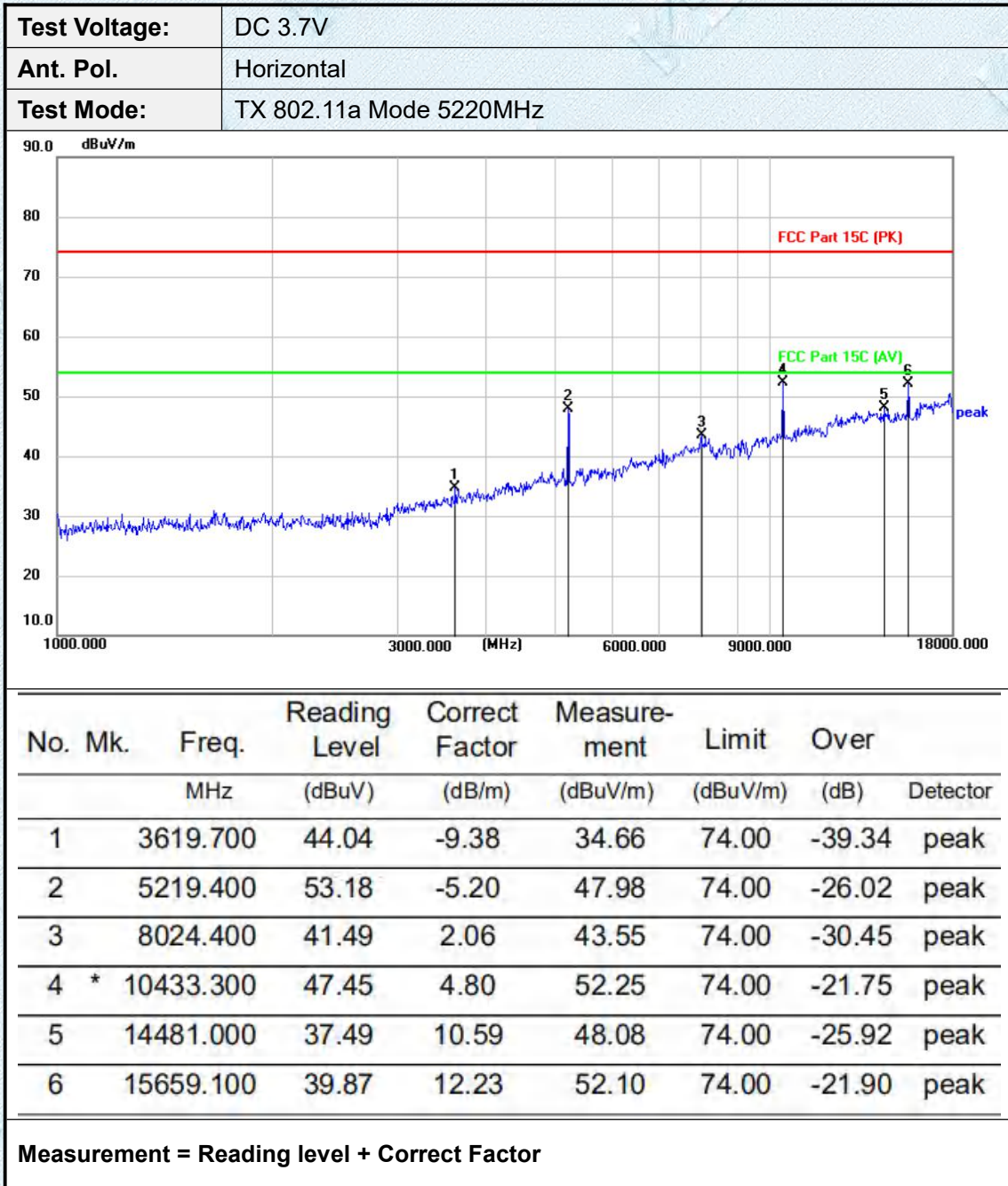


Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX 802.11a Mode 5180MHz

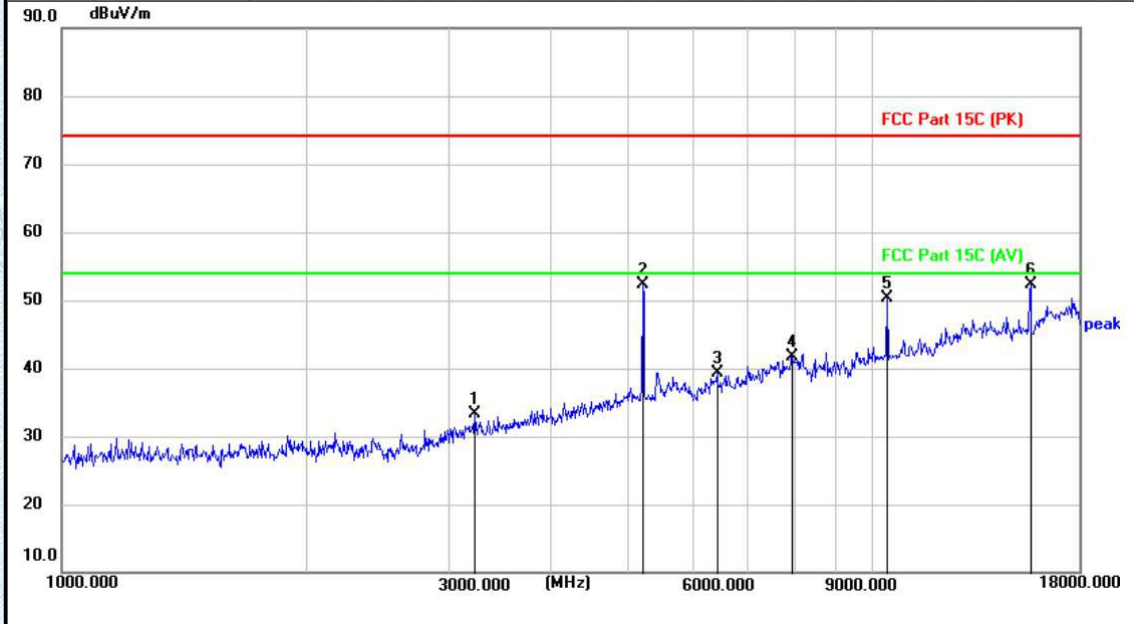


No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		5175.200	51.88	-5.23	46.65	74.00	-27.35	peak
2		8043.100	40.49	2.06	42.55	74.00	-31.45	peak
3		8563.300	41.33	1.93	43.26	74.00	-30.74	peak
4		10358.500	45.72	4.69	50.41	74.00	-23.59	peak
5		13573.200	36.64	10.70	47.34	74.00	-26.66	peak
6	*	15538.400	39.48	12.10	51.58	74.00	-22.42	peak

Measurement = Reading level + Correct Factor



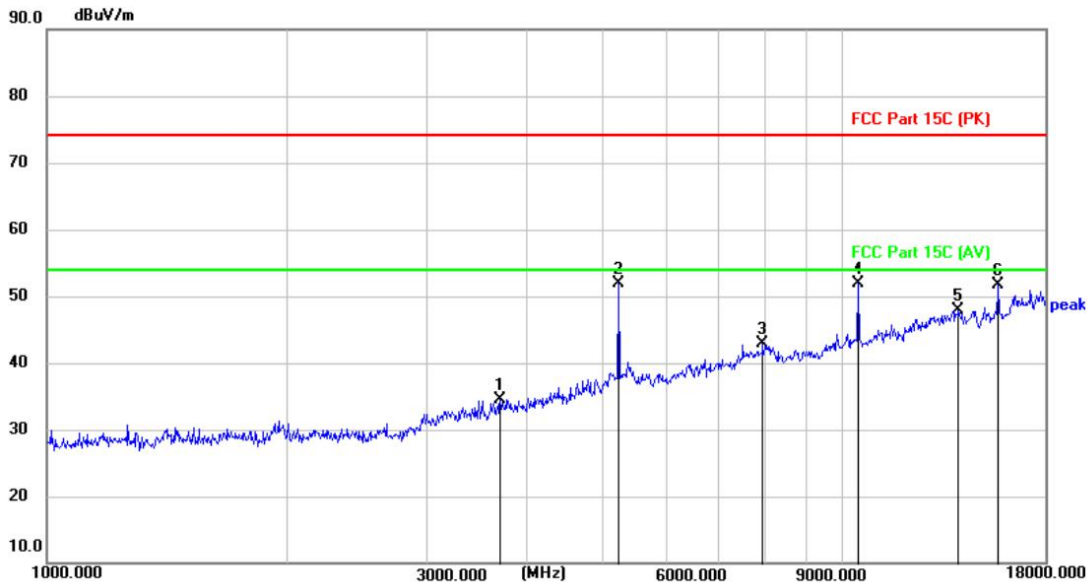
Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX 802.11a Mode 5220MHz



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		3240.600	43.55	-10.16	33.39	74.00	-40.61	peak
2	*	5216.000	57.55	-5.19	52.36	74.00	-21.64	peak
3		6450.200	41.50	-2.27	39.23	74.00	-34.77	peak
4		7970.000	39.72	2.00	41.72	74.00	-32.28	peak
5		10440.100	45.40	4.81	50.21	74.00	-23.79	peak
6		15669.300	40.10	12.24	52.34	74.00	-21.66	peak

Measurement = Reading level + Correct Factor

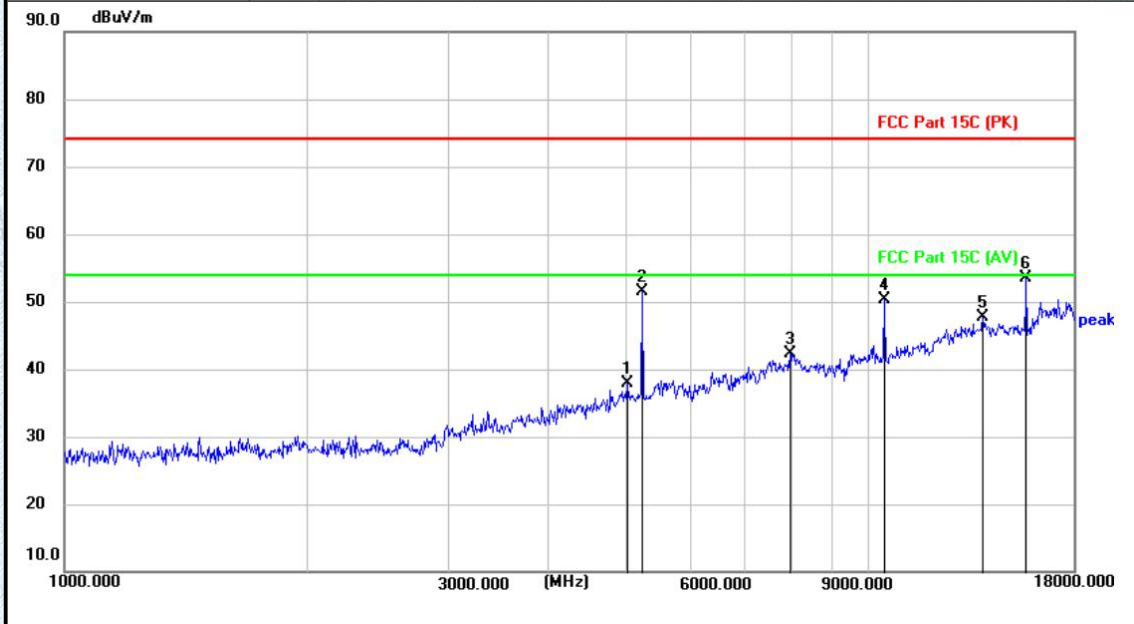
Test Voltage:	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX 802.11a Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		3721.700	43.63	-9.12	34.51	74.00	-39.49	peak
2		5241.500	57.07	-5.16	51.91	74.00	-22.09	peak
3		7966.600	40.88	1.99	42.87	74.00	-31.13	peak
4	*	10477.500	47.04	4.89	51.93	74.00	-22.07	peak
5		14015.200	36.78	11.21	47.99	74.00	-26.01	peak
6		15720.300	39.34	12.30	51.64	74.00	-22.36	peak

Measurement = Reading level + Correct Factor

Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX 802.11a Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		5023.900	43.19	-5.37	37.82	74.00	-36.18	peak
2		5233.000	56.71	-5.18	51.53	74.00	-22.47	peak
3		7997.200	40.26	2.06	42.32	74.00	-31.68	peak
4		10477.500	45.38	4.89	50.27	74.00	-23.73	peak
5		13894.500	36.63	11.10	47.73	74.00	-26.27	peak
6	*	15727.100	41.17	12.31	53.48	74.00	-20.52	peak

Measurement = Reading level + Correct Factor

3.8. Conducted Emission

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.207:

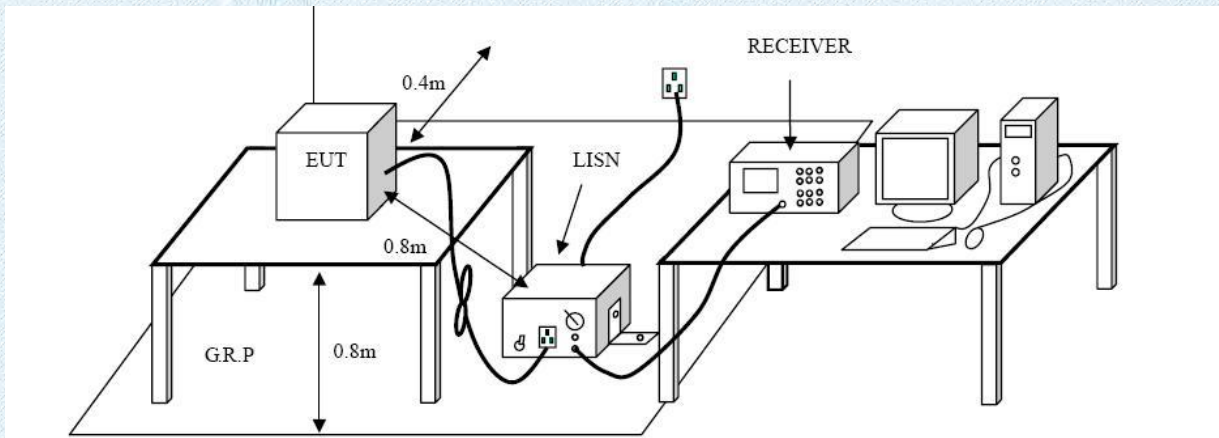
Conducted Emission Test Limit

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

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Configuration



Test Procedure

1. The EUT was setup according to ANSI C63.10:2013 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
7. During the above scans, the emissions were maximized by cable manipulation.

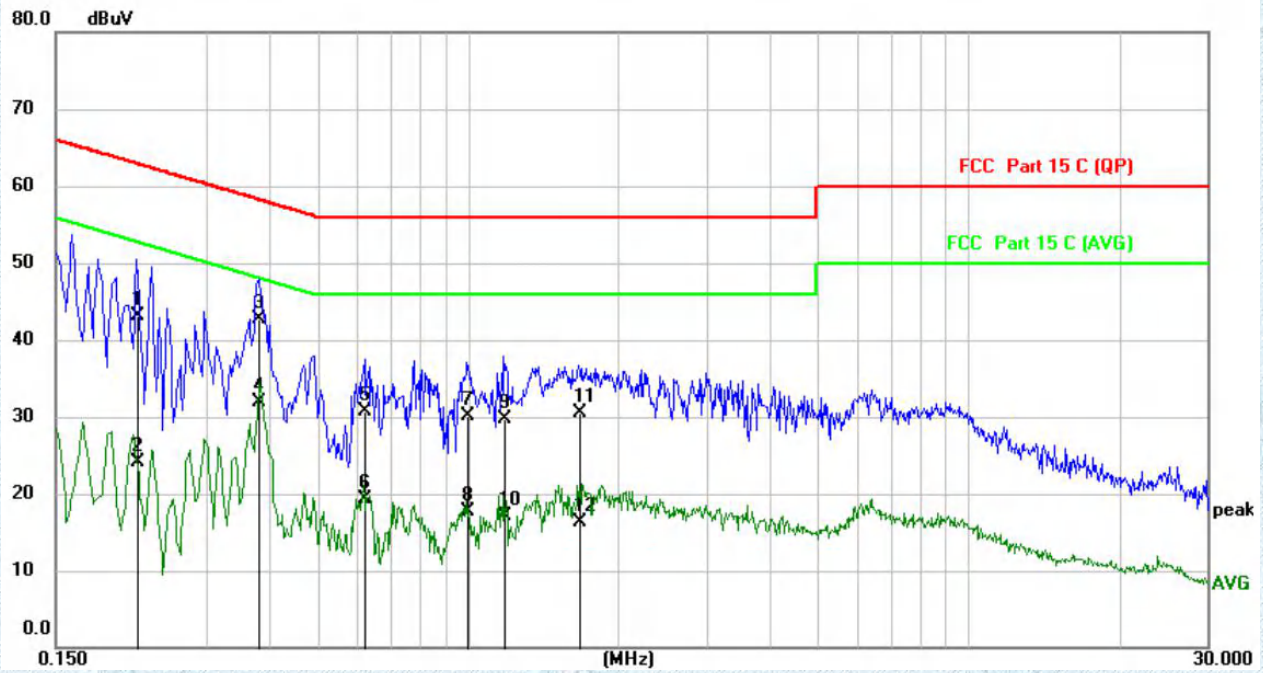
Test Mode

Please refer to the clause 2.2.

Test Results

Pre-scan 802.11a/n(HT20/HT40)/ac(HT20/HT40/HT80) modulation, and found the 802.11a modulation 5220MHz which it is worse case, so only show the test data for worse case.

Test Voltage:	AC 120V/60 Hz
Terminal:	Line

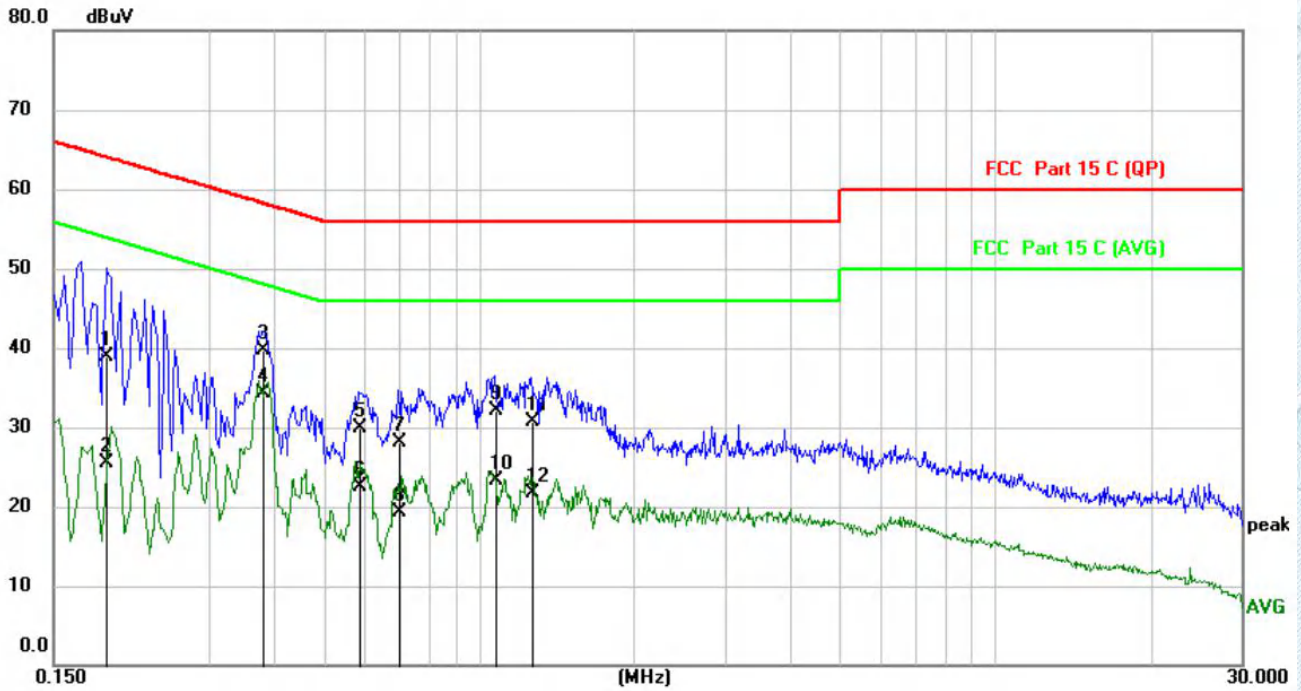


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV	dBuV	dB	
1		0.2180	32.25	10.88	43.13	62.89	-19.76	QP
2		0.2180	13.27	10.88	24.15	52.89	-28.74	AVG
3	*	0.3820	31.75	10.89	42.64	58.24	-15.60	QP
4		0.3820	21.05	10.89	31.94	48.24	-16.30	AVG
5		0.6220	19.82	10.89	30.71	56.00	-25.29	QP
6		0.6220	8.48	10.89	19.37	46.00	-26.63	AVG
7		0.9980	19.19	10.87	30.06	56.00	-25.94	QP
8		0.9980	6.89	10.87	17.76	46.00	-28.24	AVG
9		1.1820	18.88	10.87	29.75	56.00	-26.25	QP
10		1.1820	6.29	10.87	17.16	46.00	-28.84	AVG
11		1.6700	19.64	10.88	30.52	56.00	-25.48	QP
12		1.6700	5.50	10.88	16.38	46.00	-29.62	AVG

Remarks:

- 1.Measurement = Reading Level+ Correct Factor
- 2.Over = Measurement -Limit

Test Voltage:	AC 120V/60 Hz
Terminal:	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1900	27.99	10.87	38.86	64.04	-25.18	QP
2		0.1900	14.70	10.87	25.57	54.04	-28.47	AVG
3		0.3820	28.79	10.86	39.65	58.24	-18.59	QP
4	*	0.3820	23.49	10.86	34.35	48.24	-13.89	AVG
5		0.5860	19.03	10.88	29.91	56.00	-26.09	QP
6		0.5860	11.62	10.88	22.50	46.00	-23.50	AVG
7		0.6980	17.21	10.87	28.08	56.00	-27.92	QP
8		0.6980	8.34	10.87	19.21	46.00	-26.79	AVG
9		1.0740	21.16	10.87	32.03	56.00	-23.97	QP
10		1.0740	12.49	10.87	23.36	46.00	-22.64	AVG
11		1.2660	19.87	10.88	30.75	56.00	-25.25	QP
12		1.2660	10.81	10.88	21.69	46.00	-24.31	AVG

Remarks:

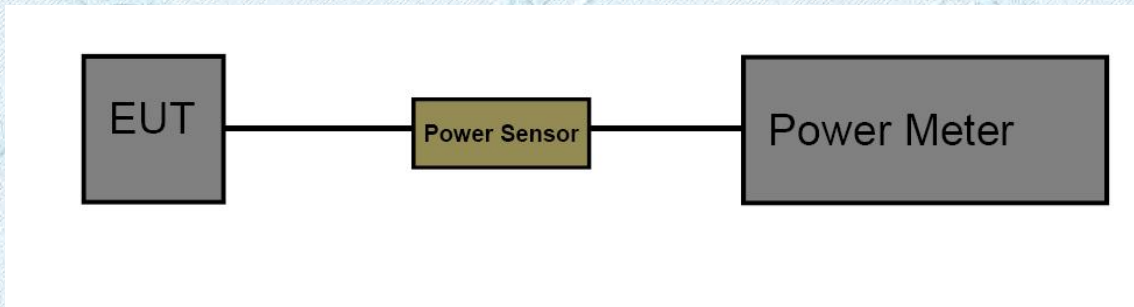
- 1.Measurement = Reading Level+ Correct Factor
- 2.Over = Measurement -Limit

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.

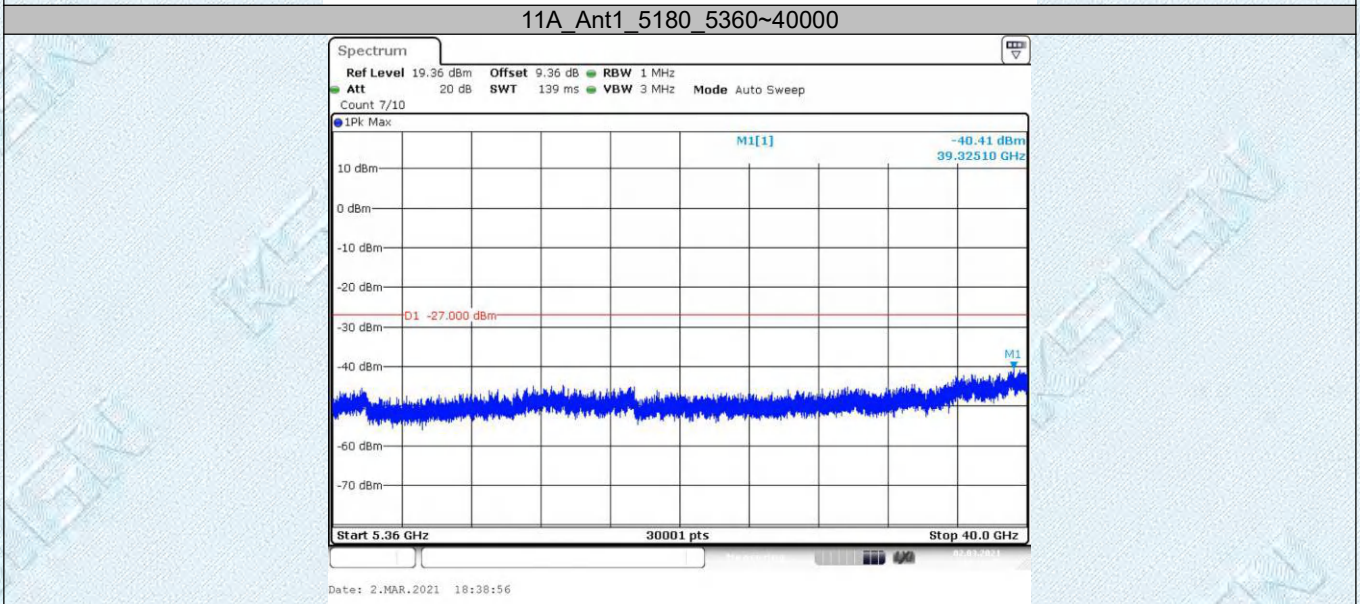
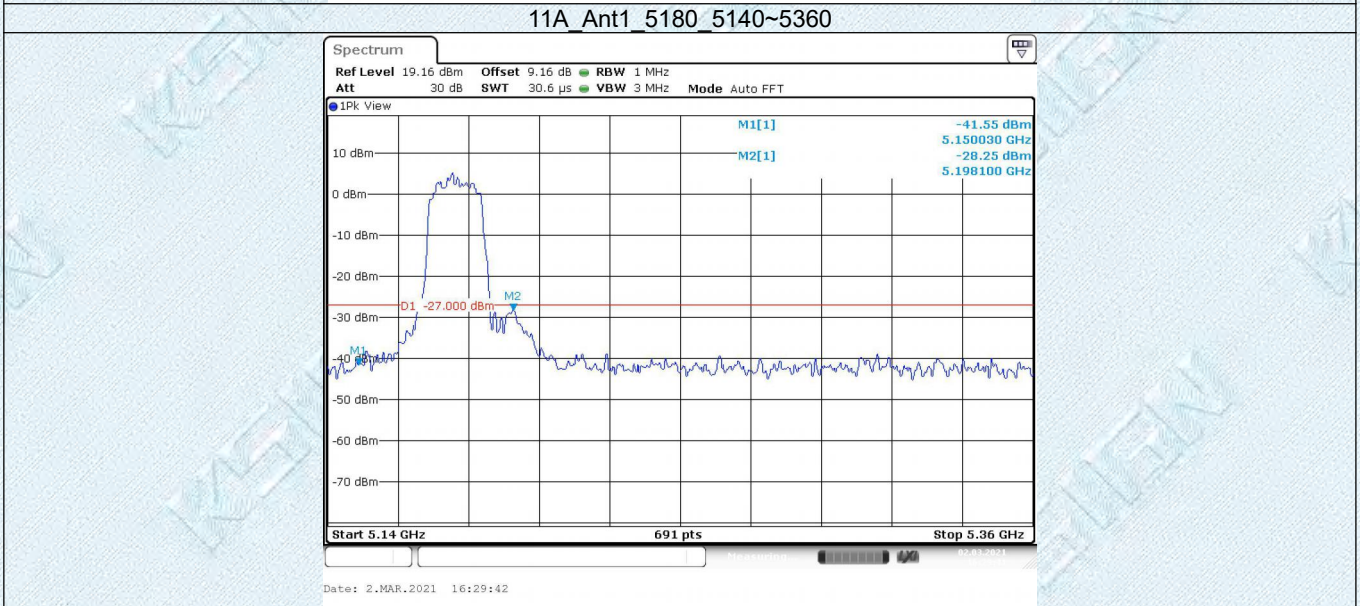
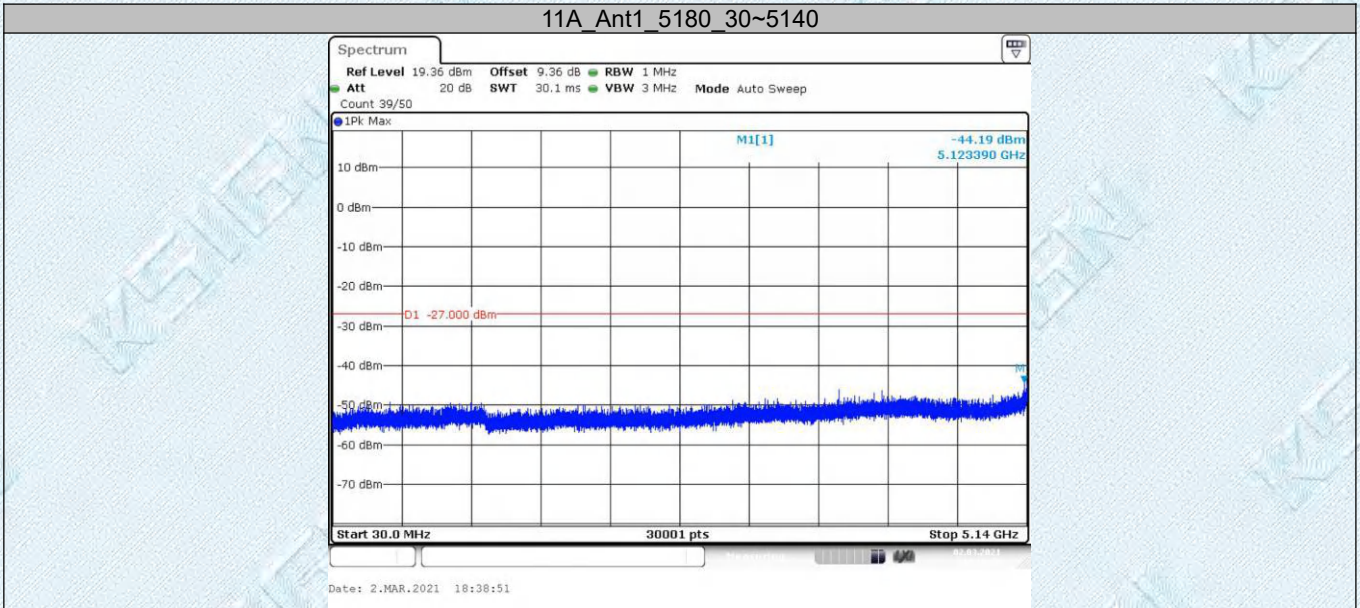
Test Mode

Please refer to the clause 2.2.

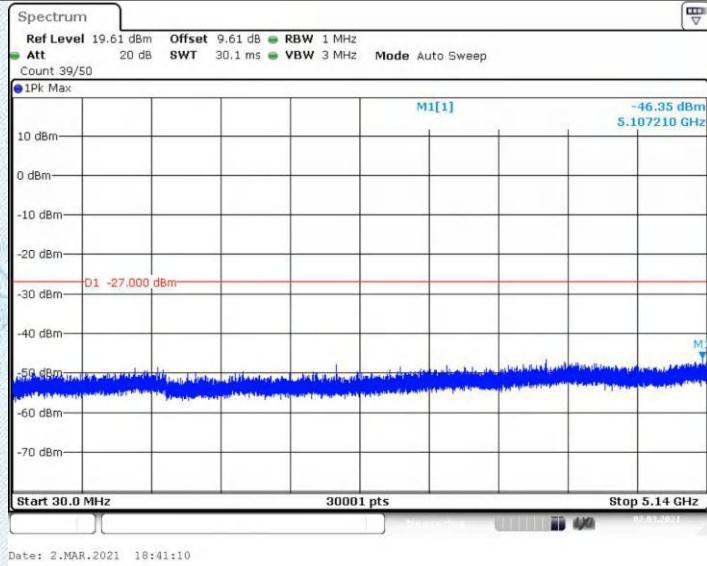
Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict	
11A	Ant1	5180	30~5140	5123.39	-44.19	-27	PASS	
			5140~5360	5198.10	-28.25	-27	PASS	
			5360~40000	39325.1	-40.41	-27	PASS	
		5220	5220	30~5140	5107.21	-46.35	-27	PASS
				5140~5360	5237.26	-29.32	-27	PASS
				5360~40000	39796.2	-39.97	-27	PASS
		5240	5240	30~5140	4381.11	-46.56	-27	PASS
				5140~5360	5252.87	-32.57	-27	PASS
				5360~40000	39581.4	-39.74	-27	PASS
11N20SISO	Ant1	5180	30~5140	5131.57	-40.02	-27	PASS	
			5140~5360	5197.79	-27.87	-27	PASS	
			5360~40000	39213.1	-40.2	-27	PASS	
		5220	5220	30~5140	4099.21	-46.74	-27	PASS
				5140~5360	5235.67	-27.69	-27	PASS
				5360~40000	39176.2	-40.09	-27	PASS
		5240	5240	30~5140	3857.35	-46.67	-27	PASS
				5140~5360	5214.98	-33.14	-27	PASS
				5360~40000	39142.7	-39.09	-27	PASS
11N40SISO	Ant1	5190	30~5140	5124.59	-38.4	-27	PASS	
			5140~5360	5166.90	-32.02	-27	PASS	
			5360~40000	39605.7	-40.64	-27	PASS	
		5230	5230	30~5140	5122.2	-43.53	-27	PASS
				5140~5360	5264.96	-35.36	-27	PASS
				5360~40000	39298.6	-39.7	-27	PASS
11AC20SISO	Ant1	5180	30~5140	5138.72	-39.45	-27	PASS	
			5140~5360	5196.83	-30.90	-27	PASS	
			5360~40000	39093	-40.67	-27	PASS	
		5220	5220	30~5140	5090.18	-46.76	-27	PASS
				5140~5360	5241.72	-31.09	-27	PASS
				5360~40000	39587.2	-39.41	-27	PASS
		5240	5240	30~5140	4239.05	-46.53	-27	PASS
				5140~5360	5255.73	-35.02	-27	PASS
				5360~40000	39140.4	-40.22	-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.53	-38.12	-27	PASS	
			5140~5360	5225.17	-31.23	-27	PASS	
			5360~40000	39770.8	-39.51	-27	PASS	
		5230	5230	30~5140	5139.91	-43.94	-27	PASS
				5140~5360	5205.75	-32.57	-27	PASS
				5360~40000	39757	-40.09	-27	PASS
11AC80SISO	Ant1	5210	30~5140	5136.34	-32.61	-27	PASS	
			5140~5360	5166.27	-29.53	-27	PASS	
			5360~40000	5374.4	-39.07	-27	PASS	

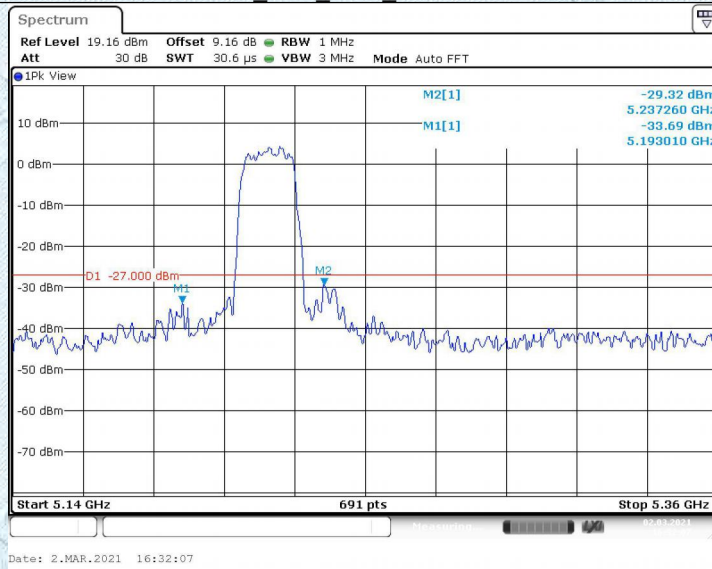
Test Graphs



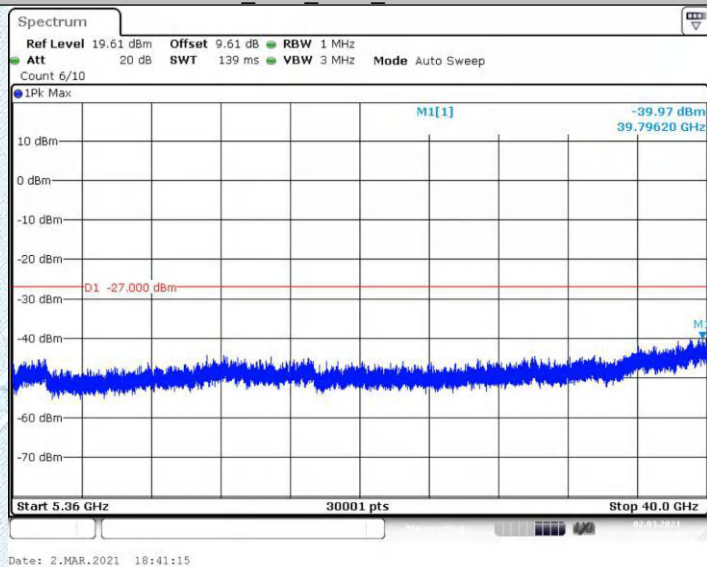
11A_Ant1_5220_30~5140



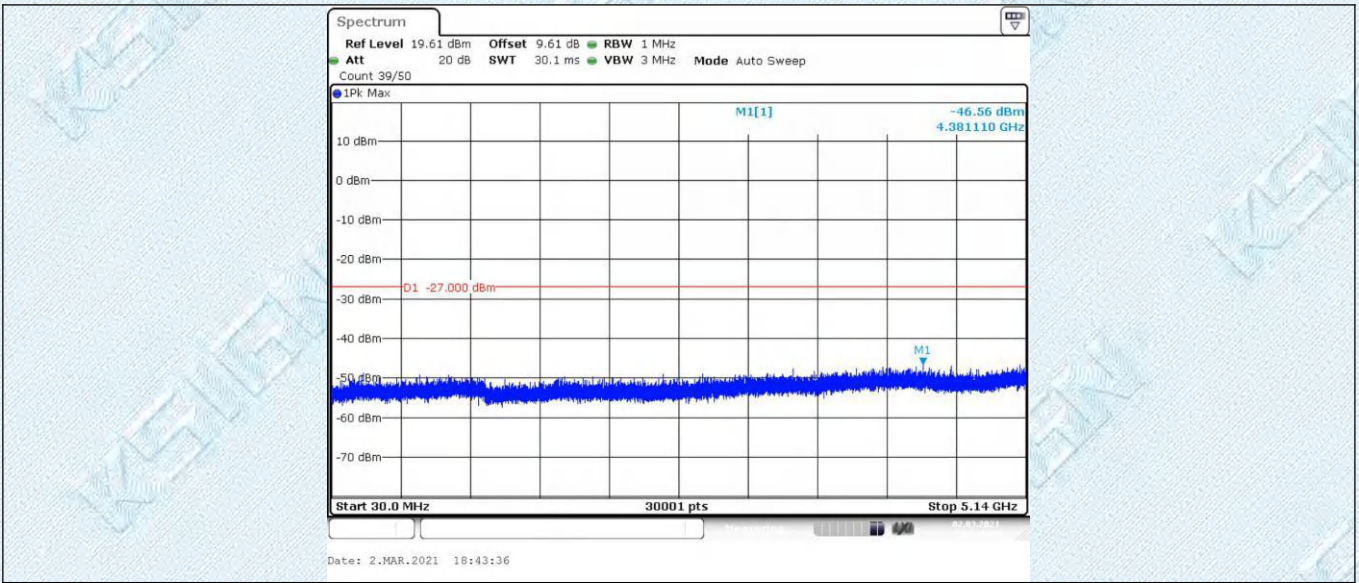
11A Ant1 5220 5140~5360



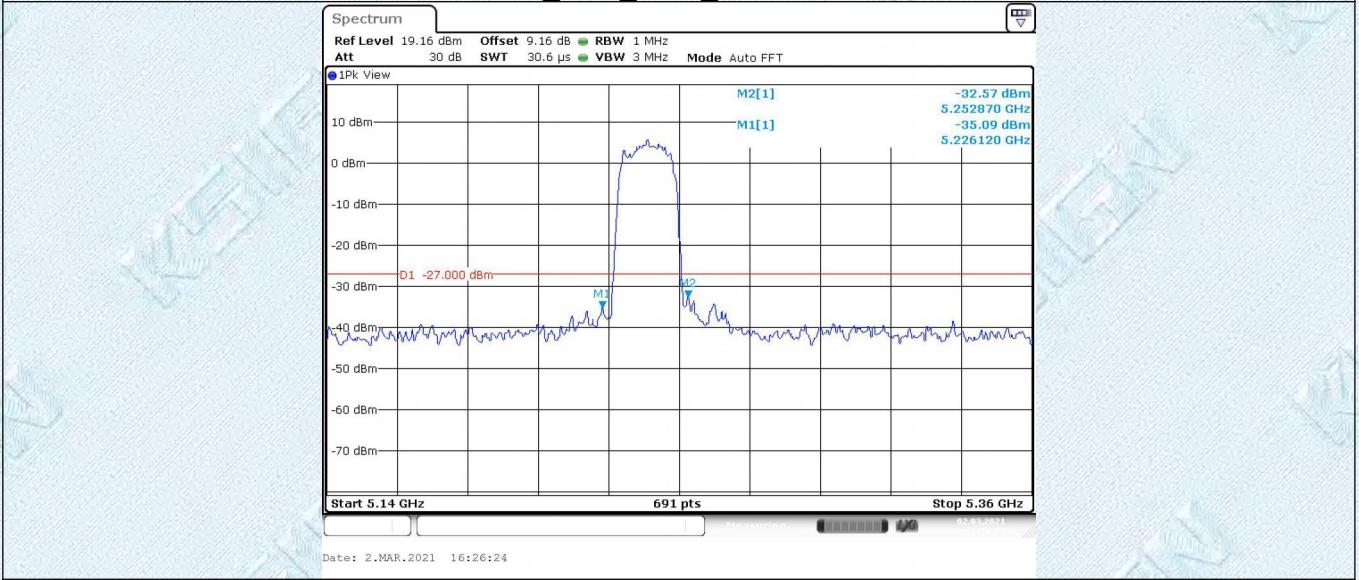
11A Ant1 5220 5360~40000



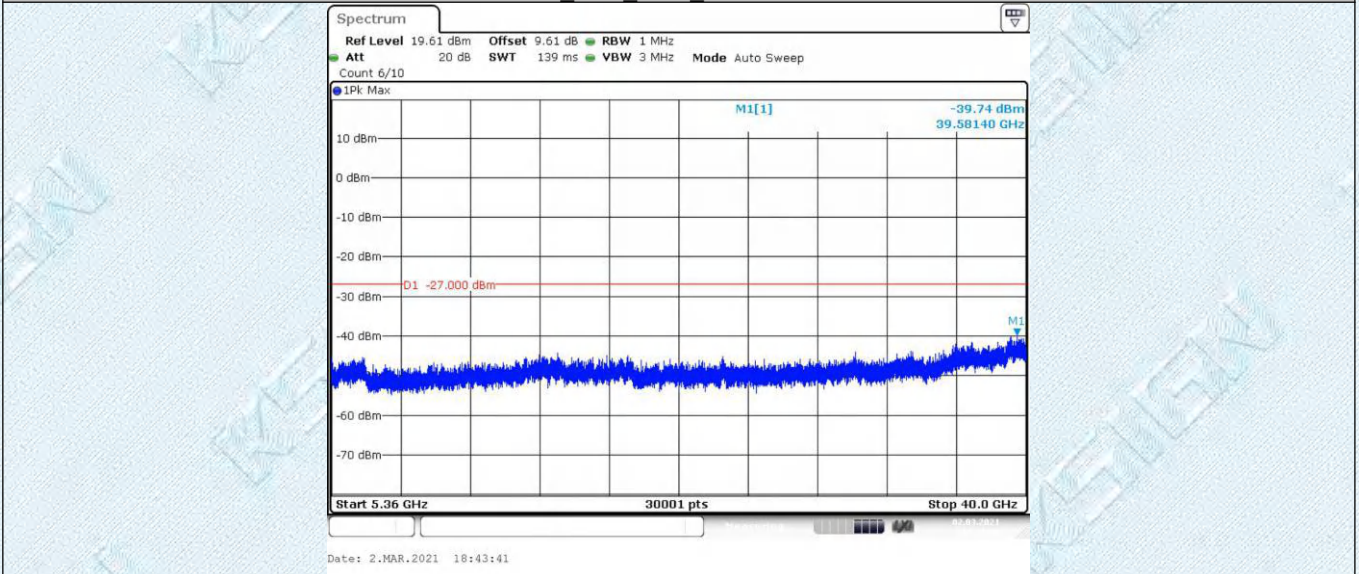
11A Ant1 5240 30~5140



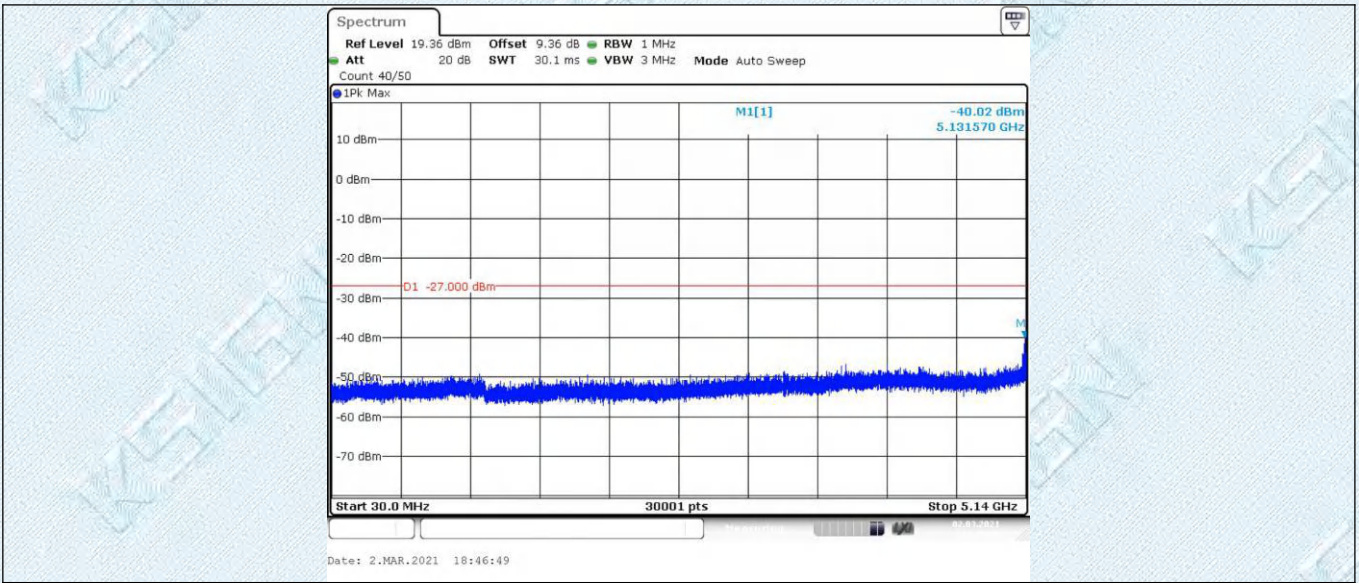
11A Ant1 5240 5140~5360



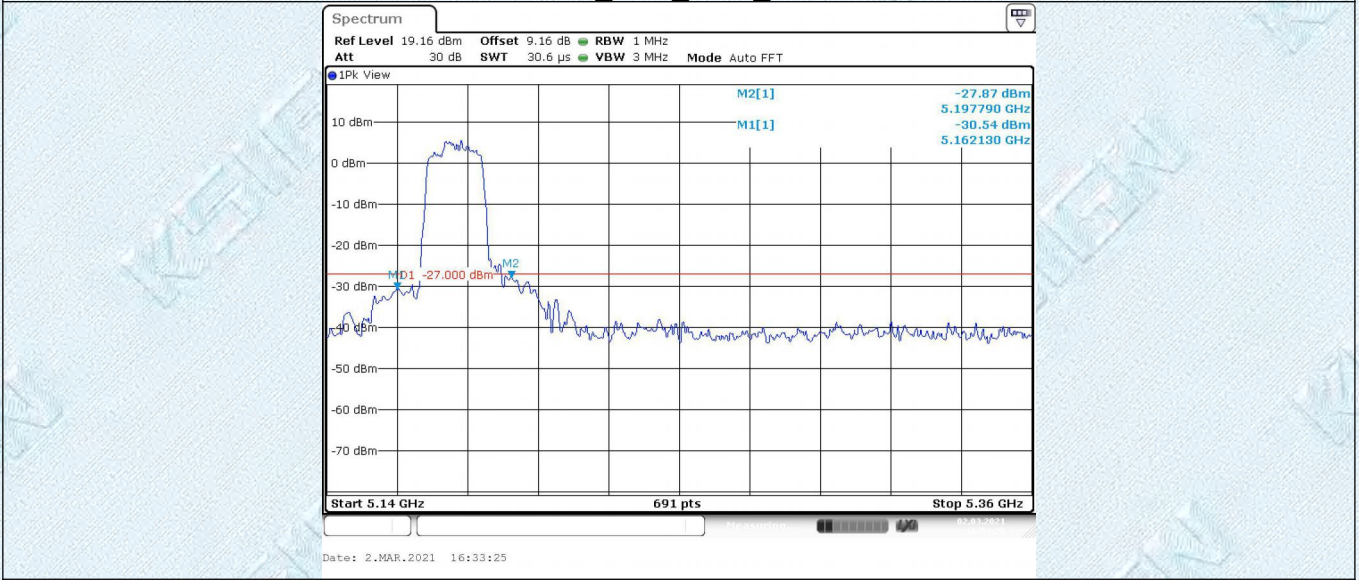
11A Ant1 5240 5360~4000



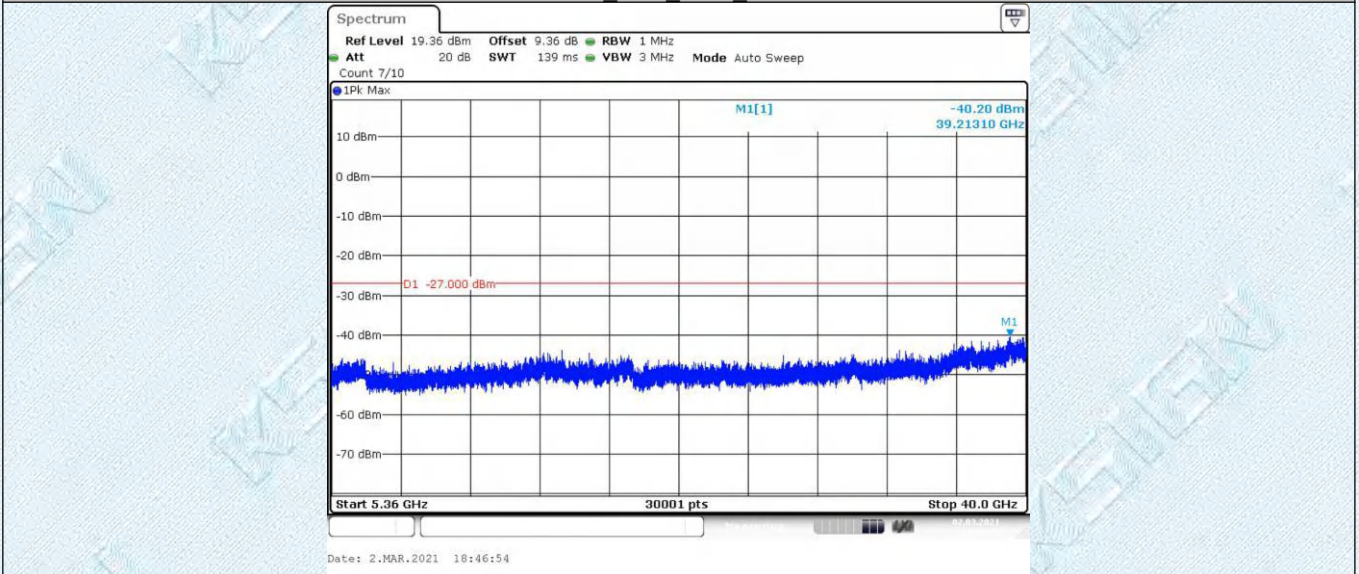
11N20SISO Ant1 5180 30~5140



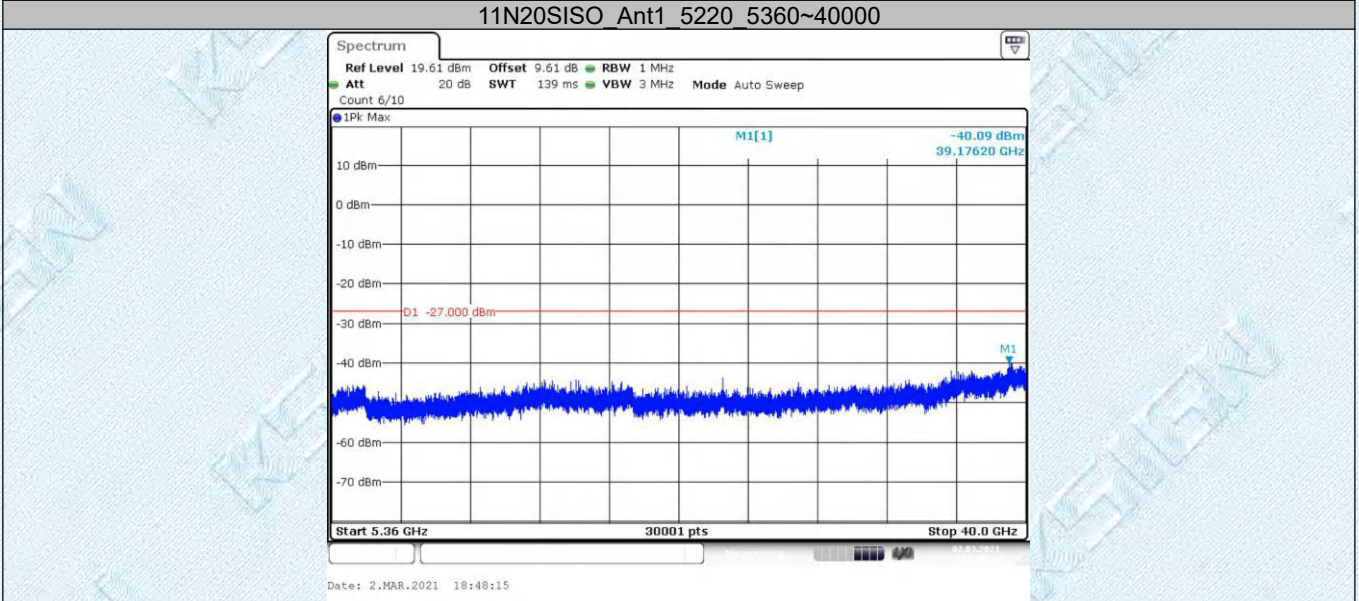
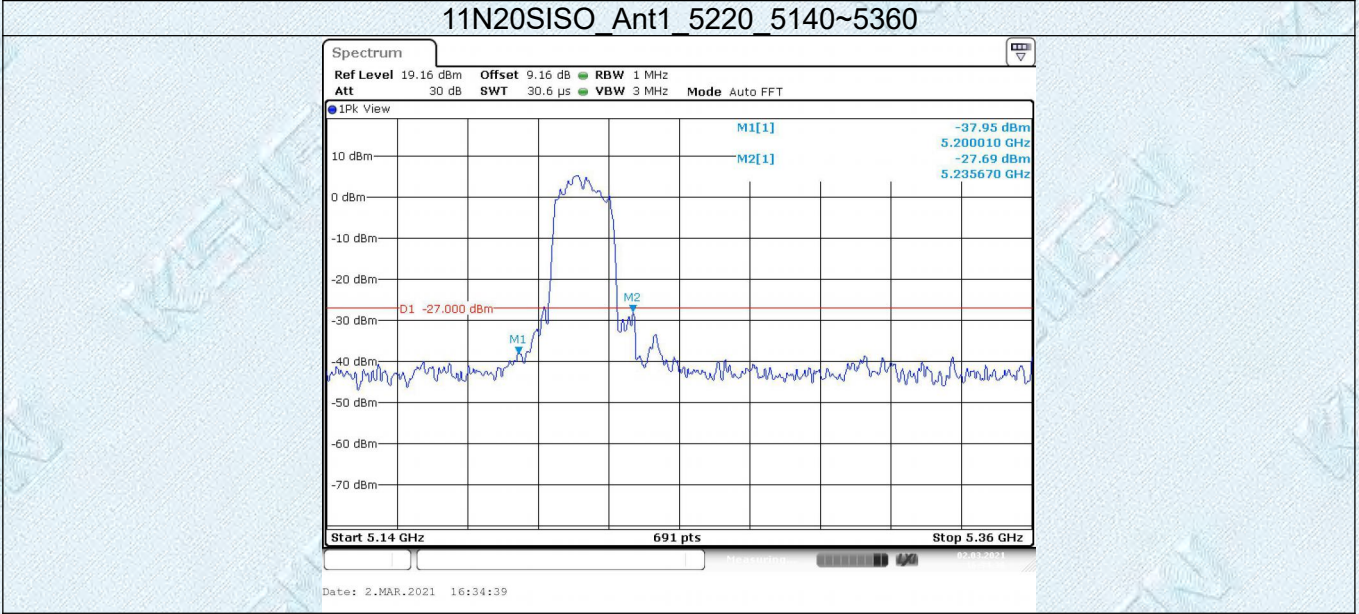
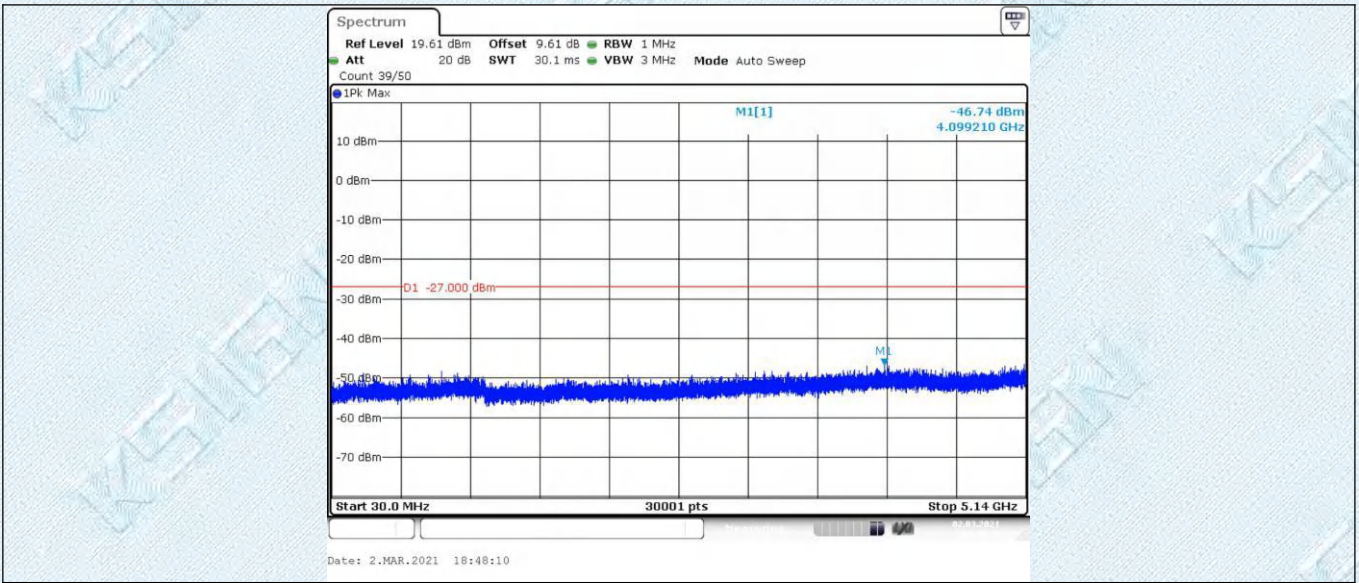
11N20SISO Ant1 5180 5140~5360

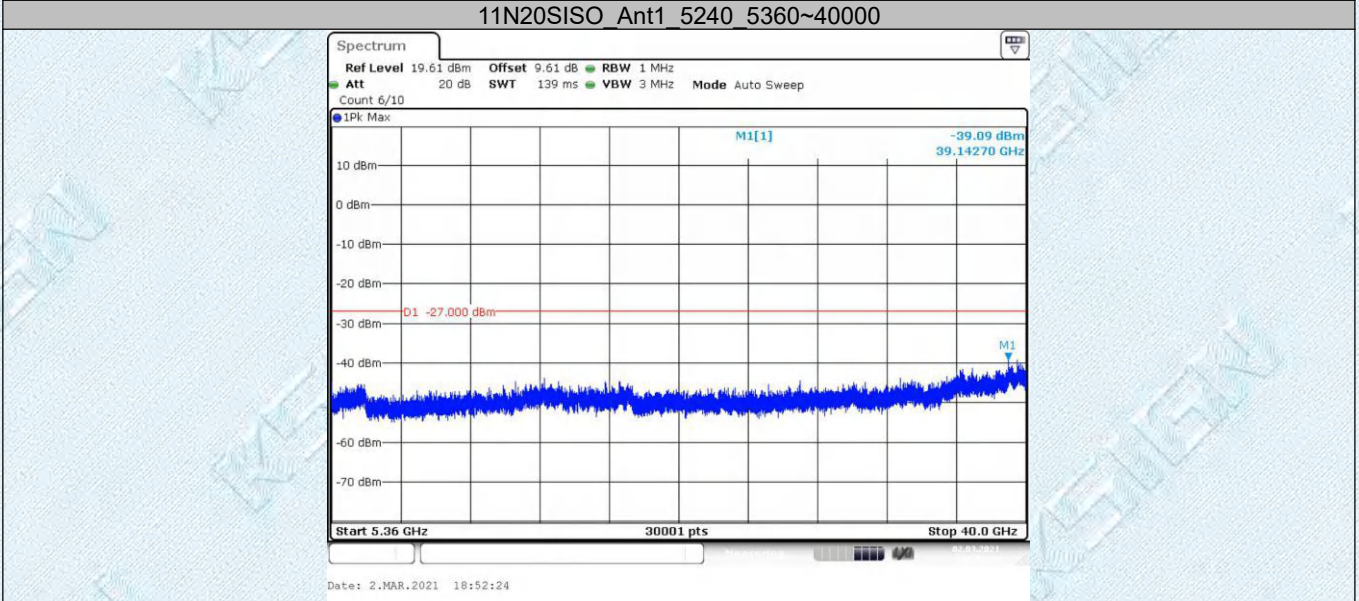
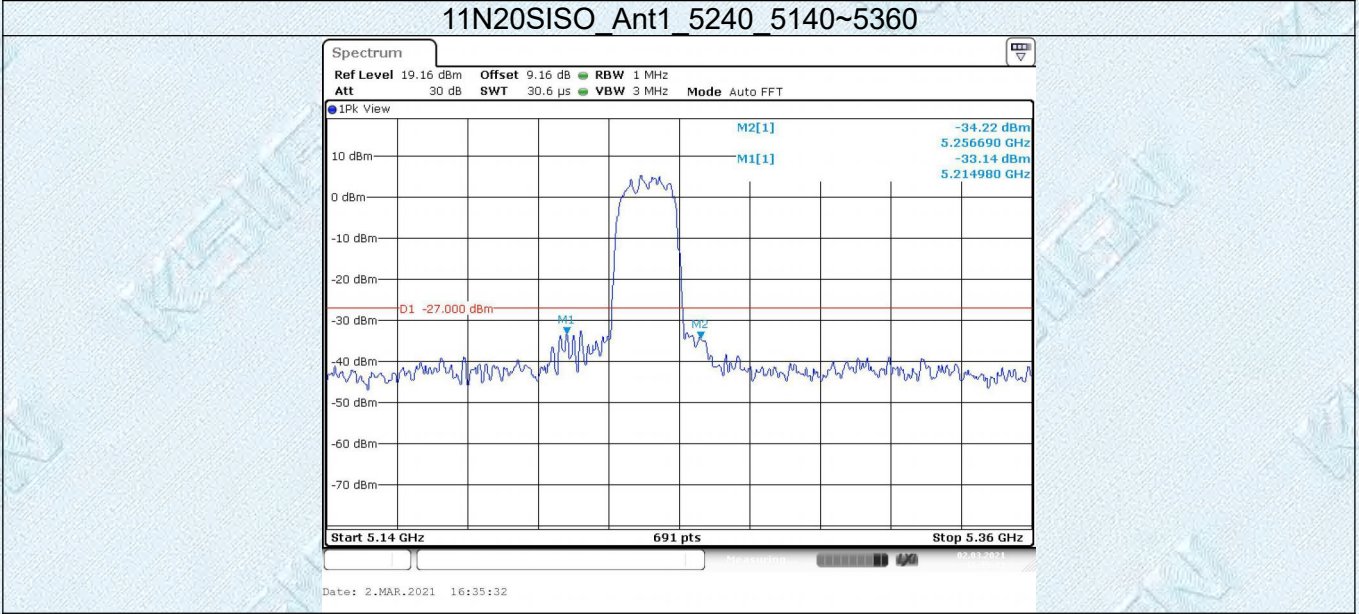
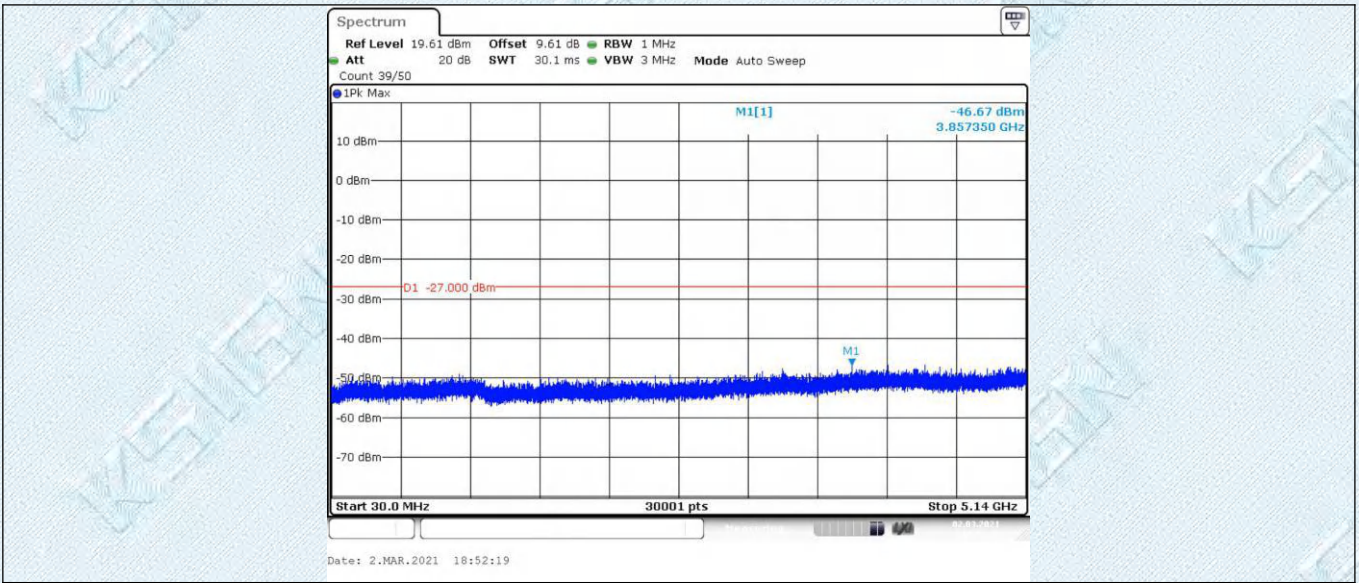


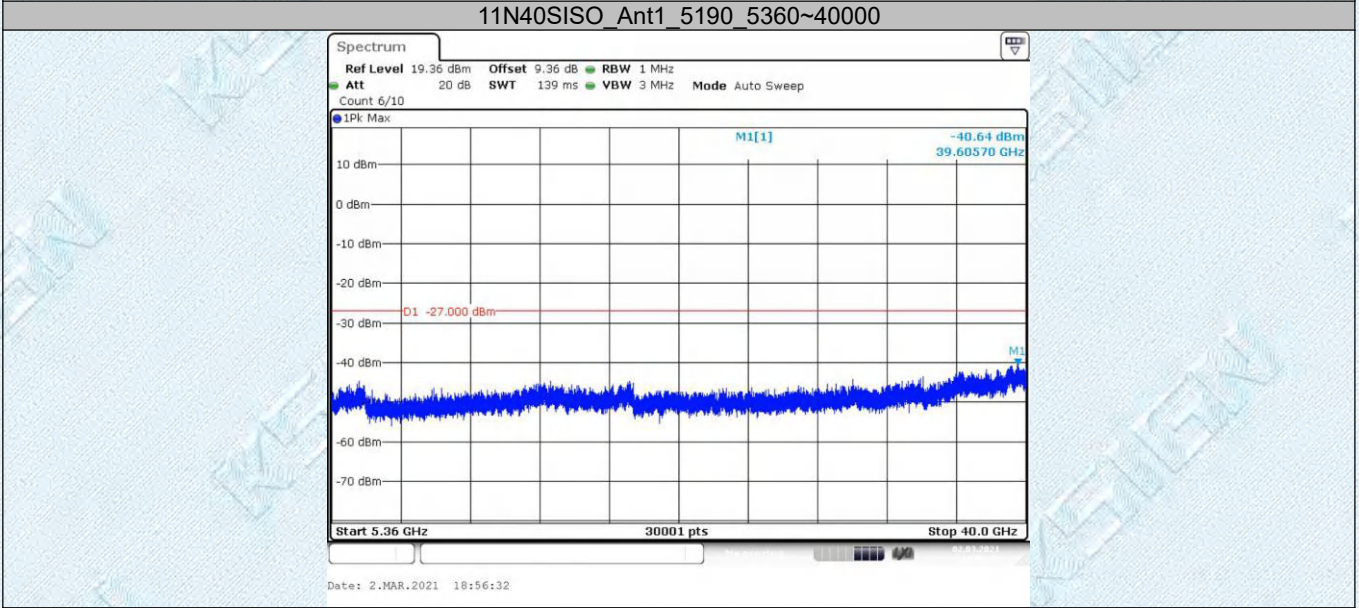
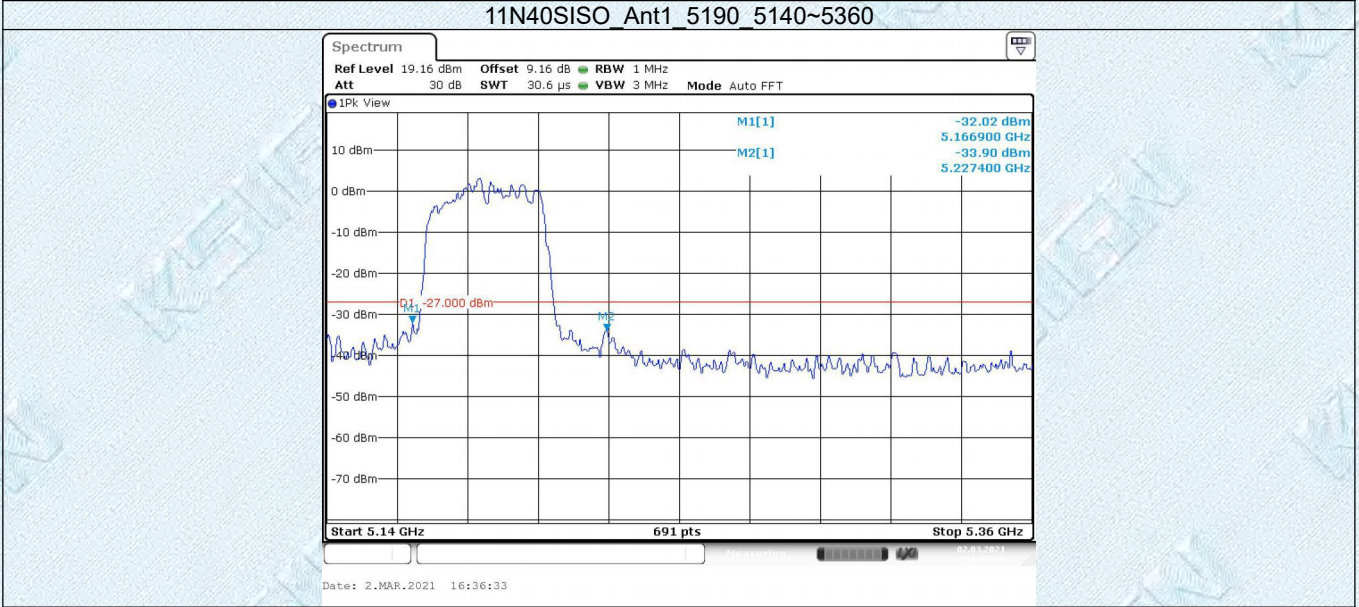
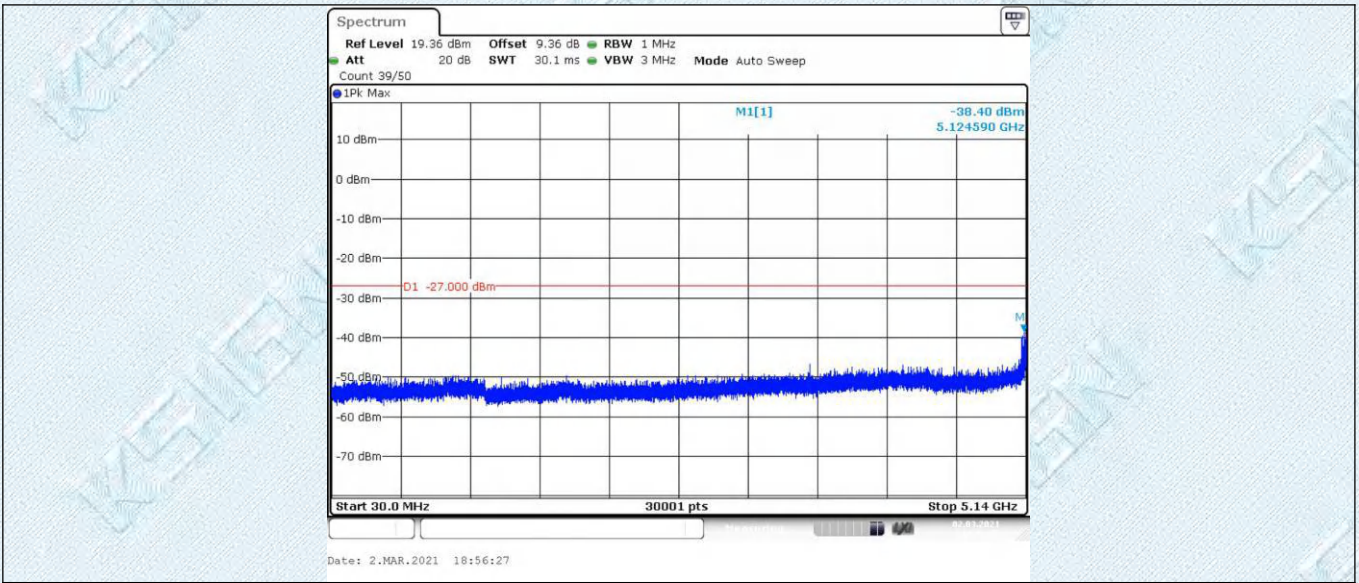
11N20SISO Ant1 5180 5360~40000



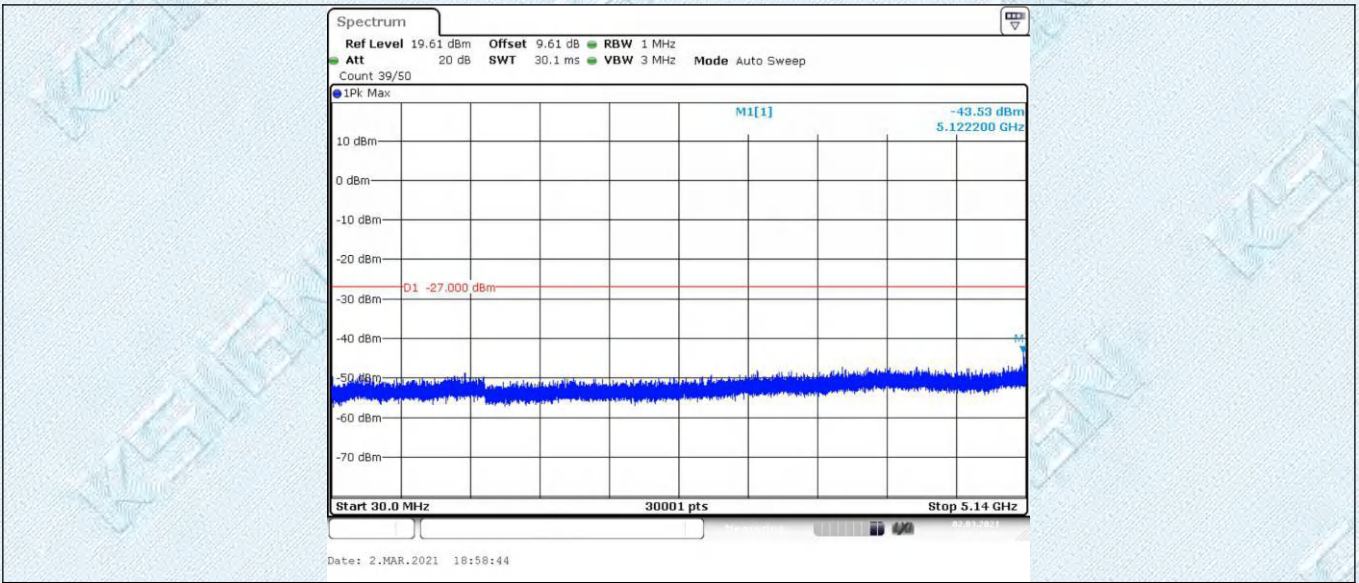
11N20SISO Ant1 5220 30~5140



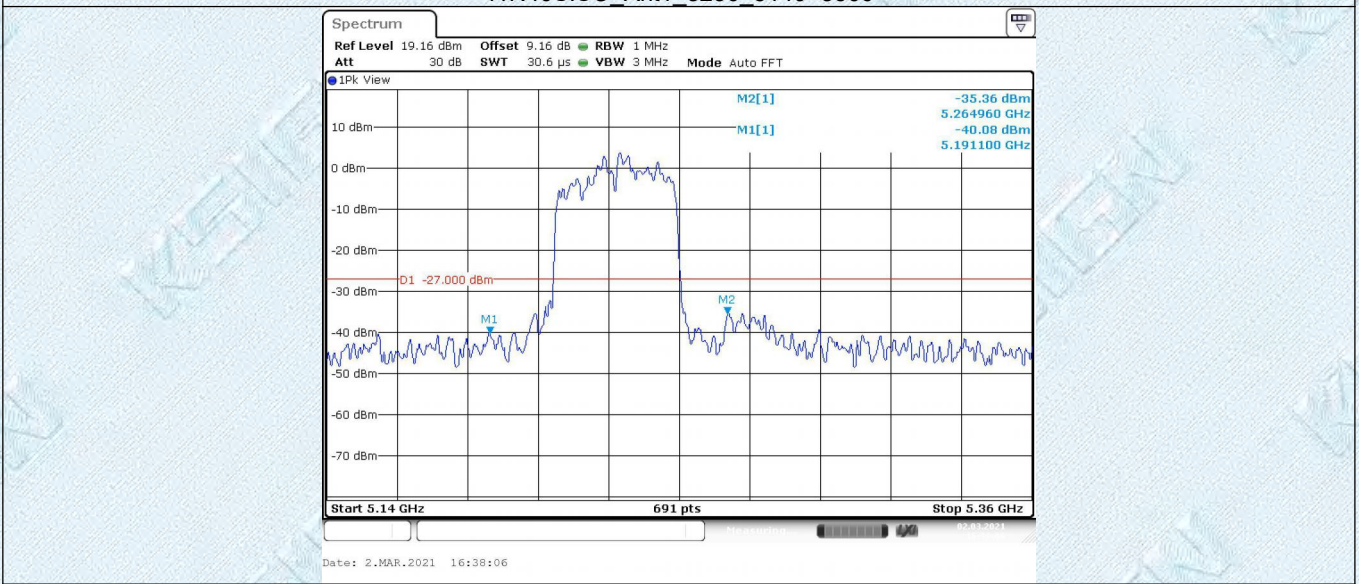




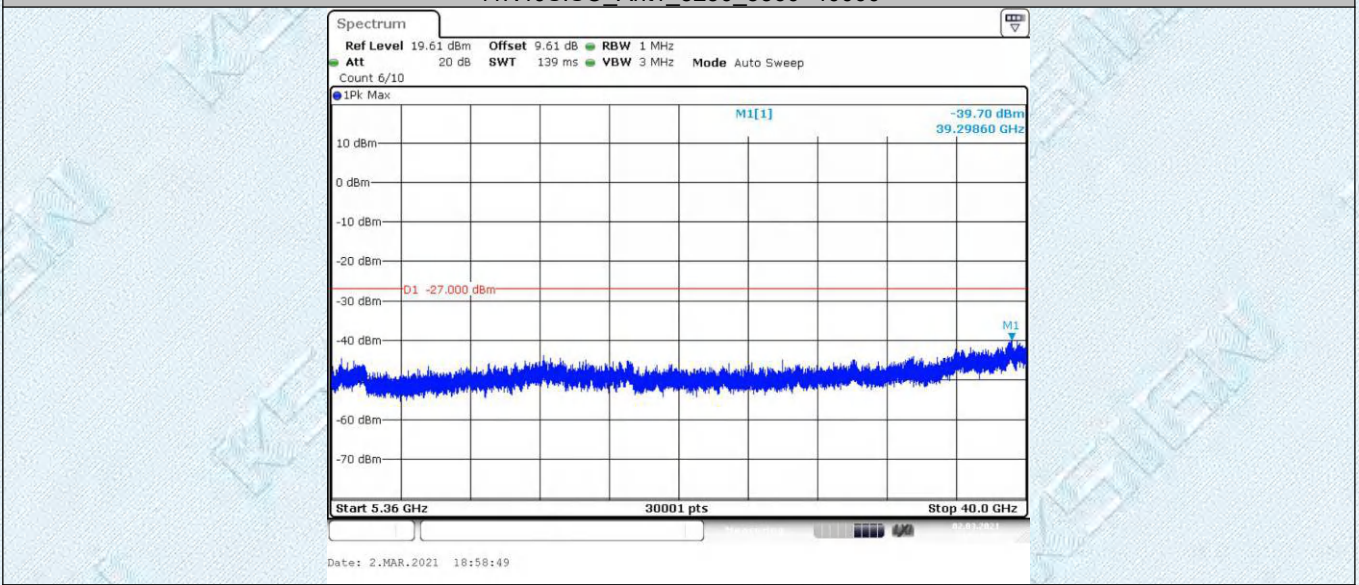
11N40SISO_Ant1_5230_30~5140



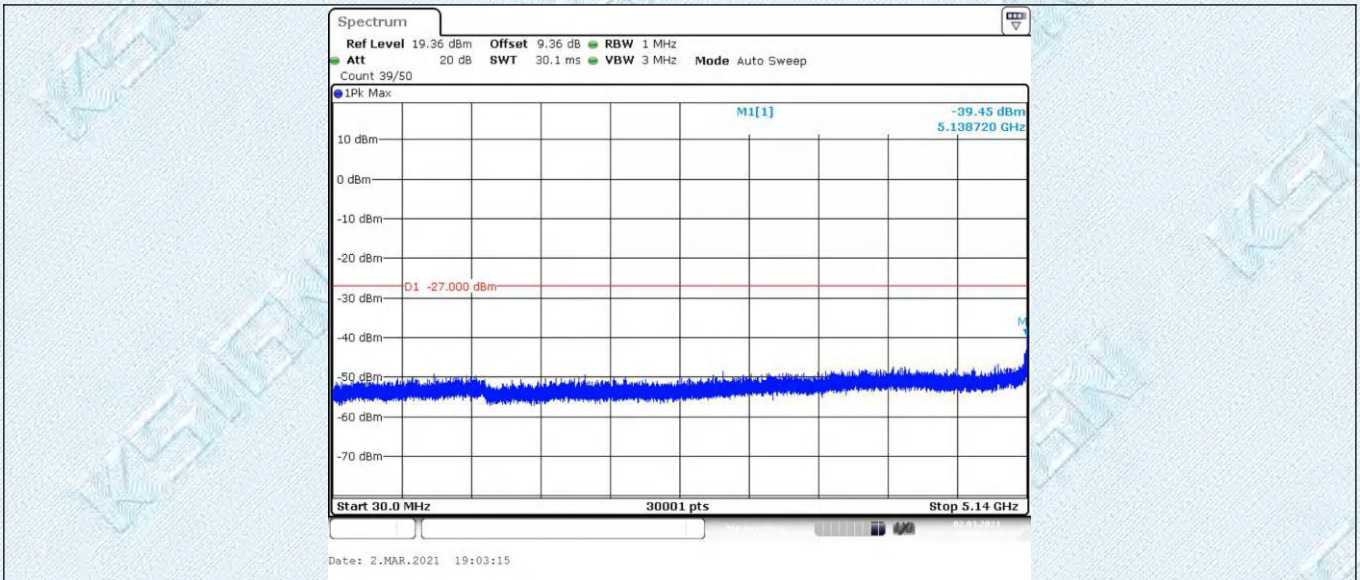
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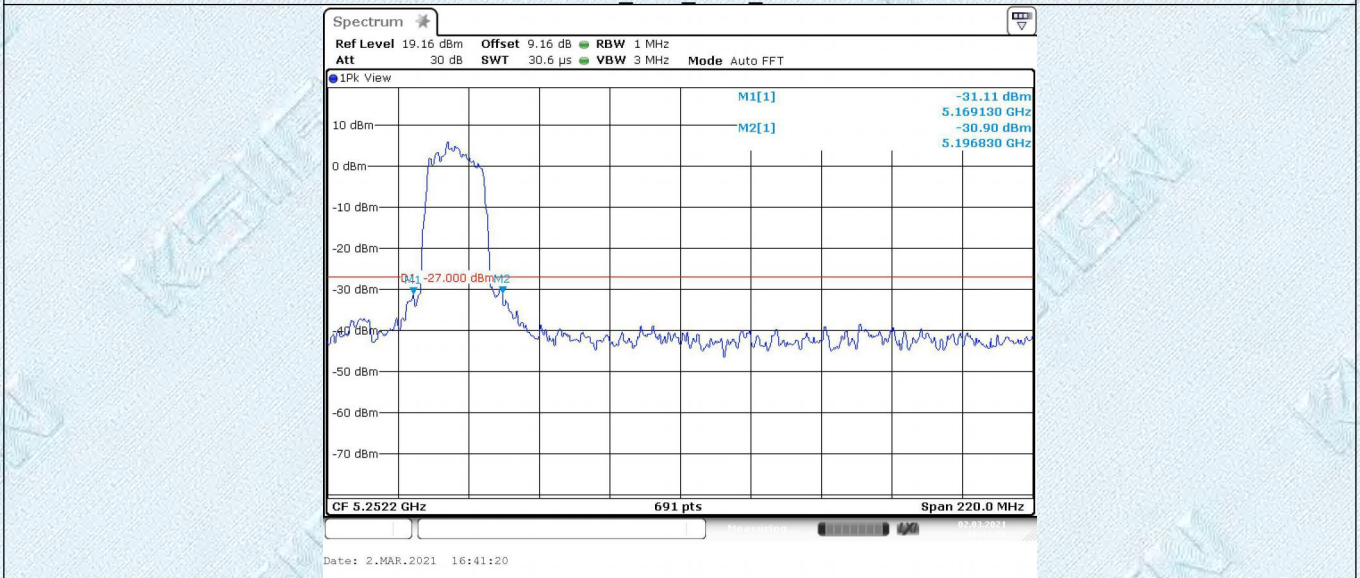
11N40SISO Ant1 5230 5360~4000



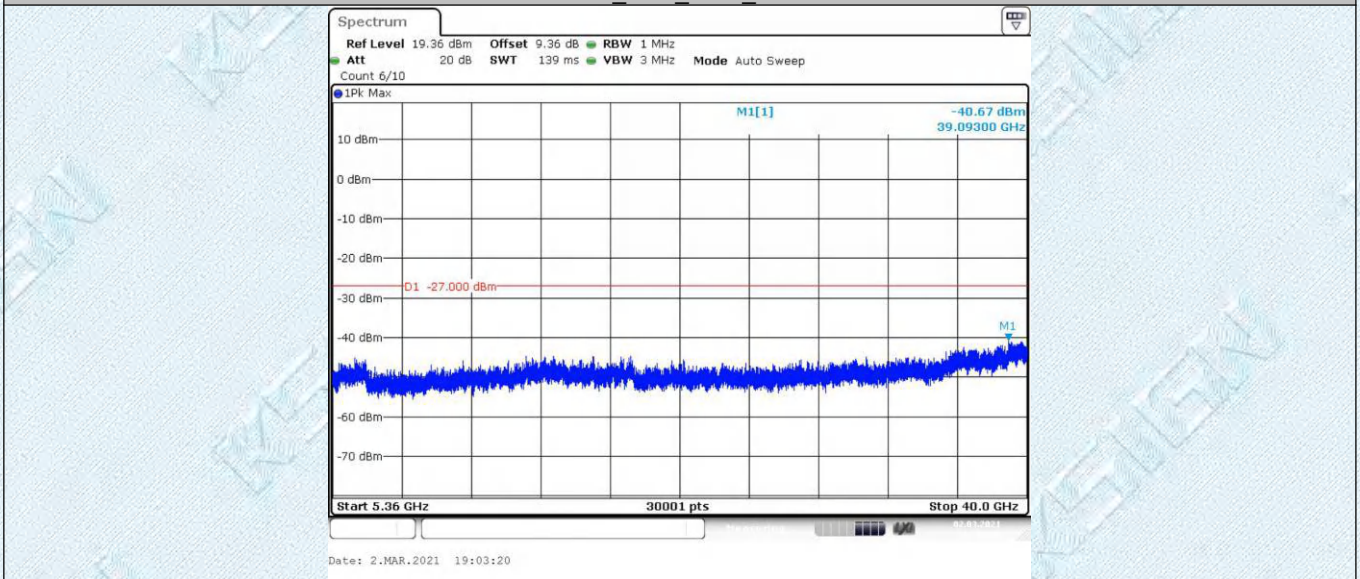
11N40SISO Ant1 5230 5360~4000



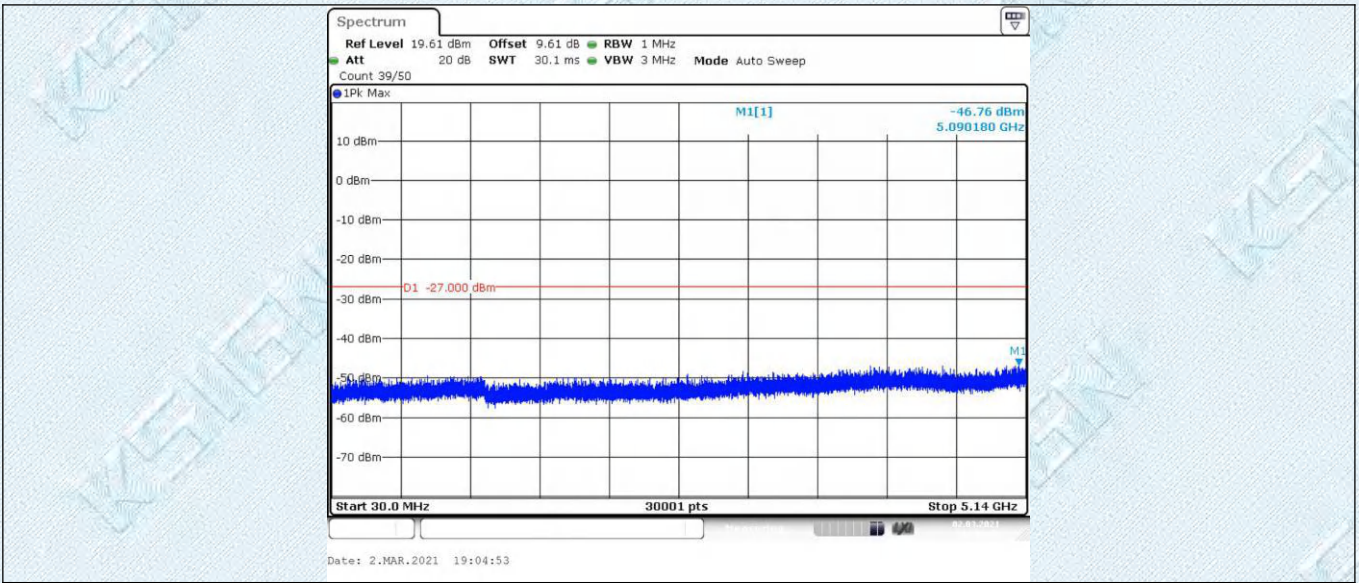
11AC20SISO_Ant1_5180_5140~5360



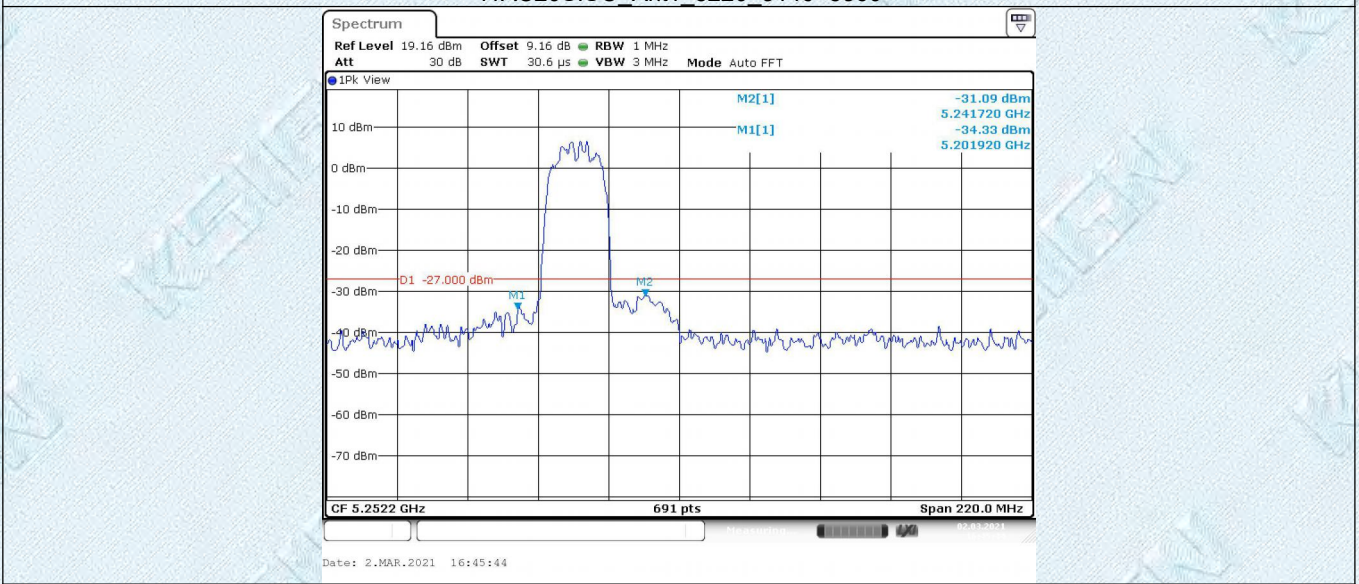
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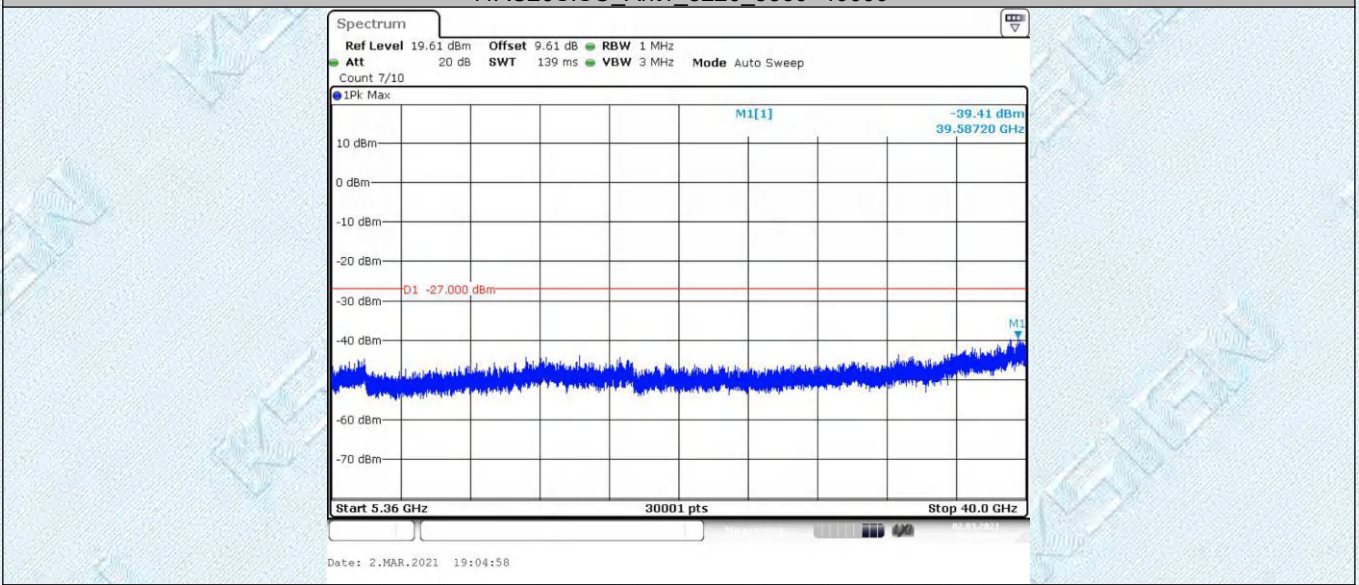
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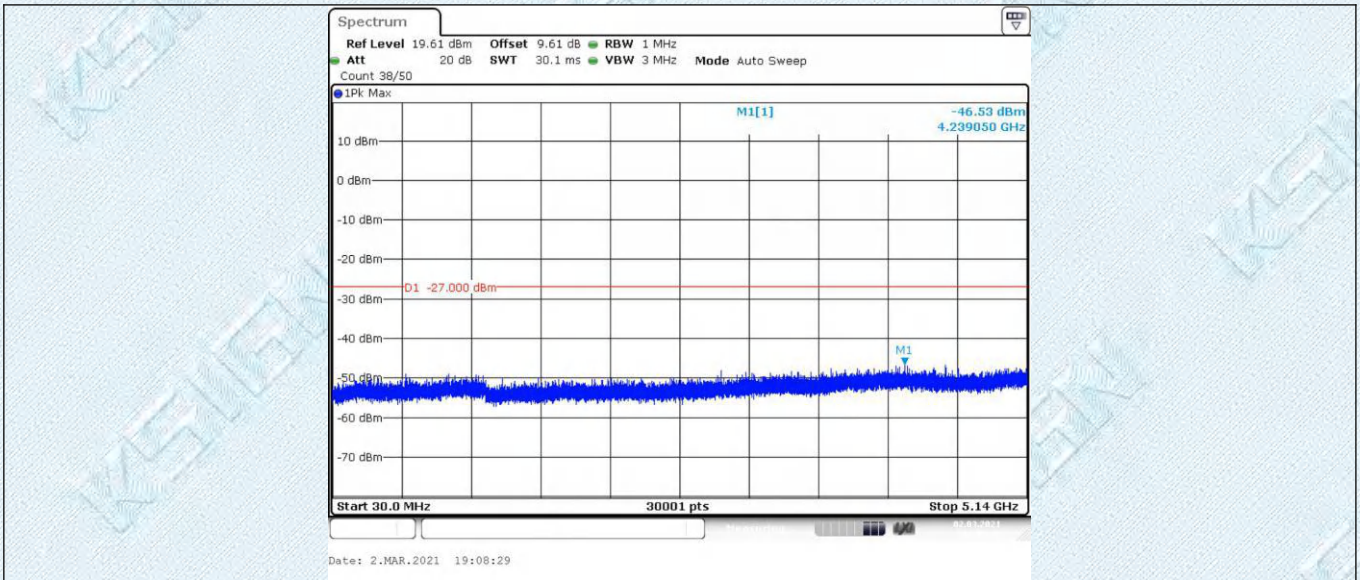
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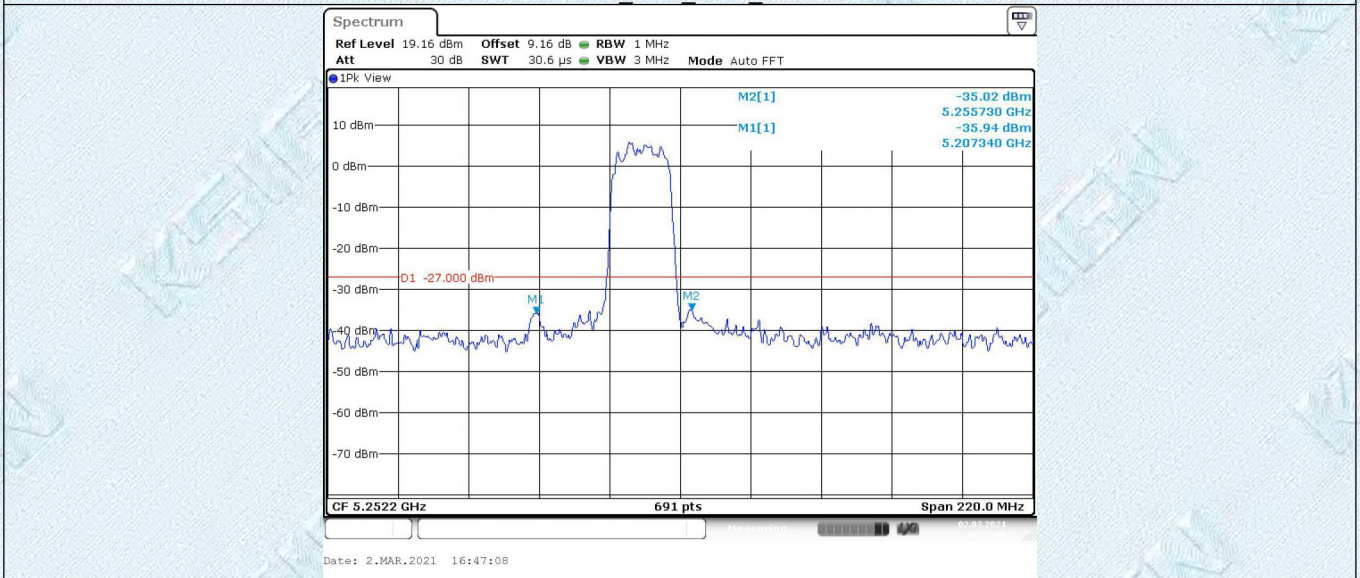
11AC20SISO_Ant1_5220_5360~40000



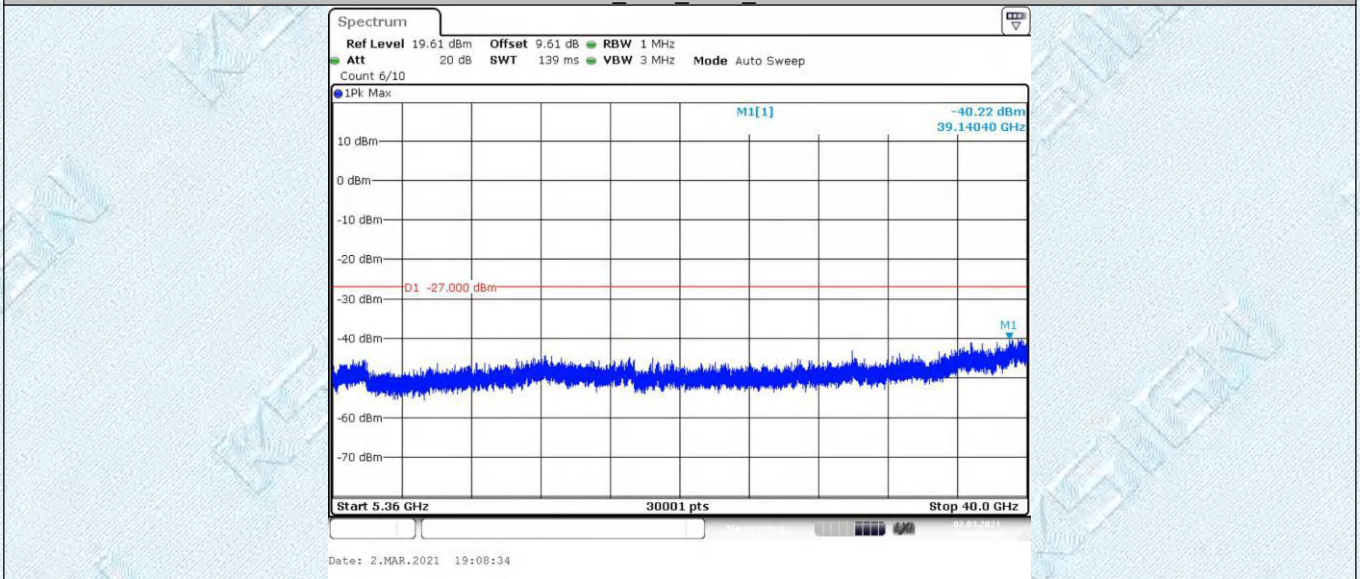
11AC20SISO_Ant1_5240_30~5140



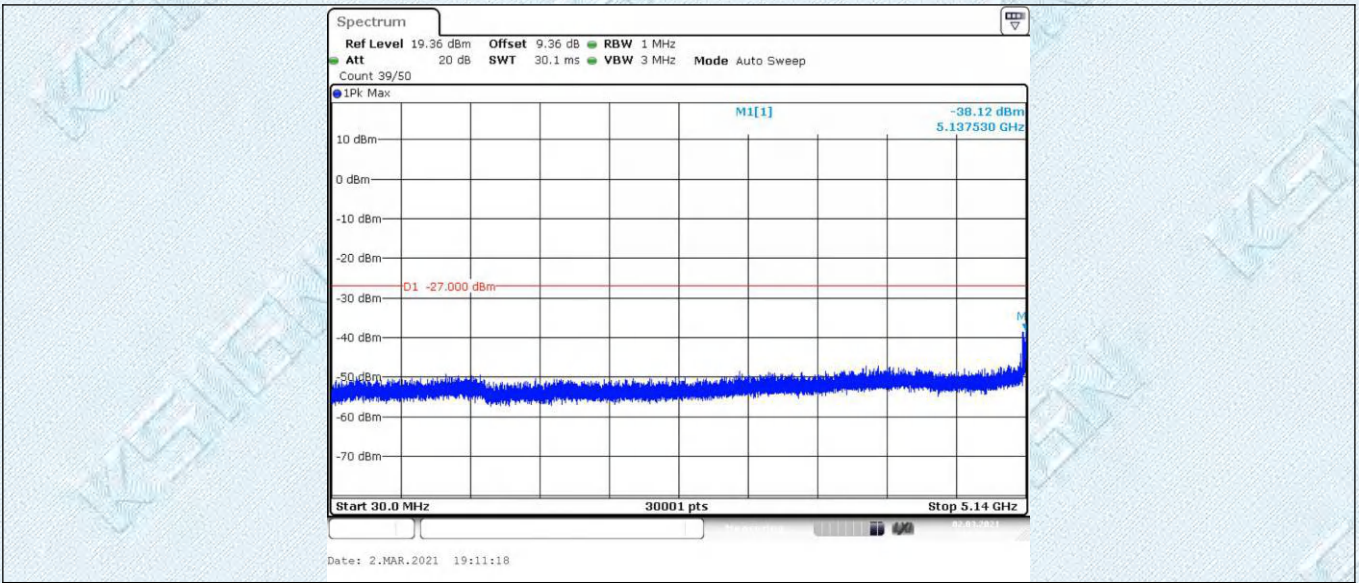
11AC20SISO Ant1 5240_5140~5360



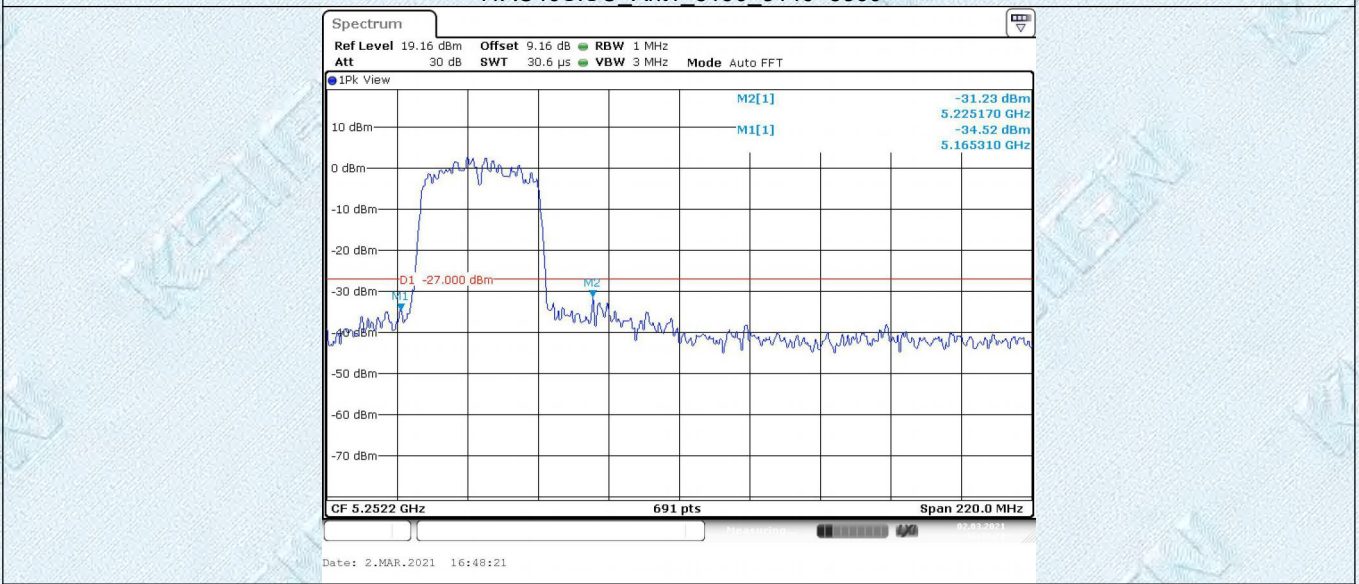
11AC20SISO Ant1 5240_5360~40000



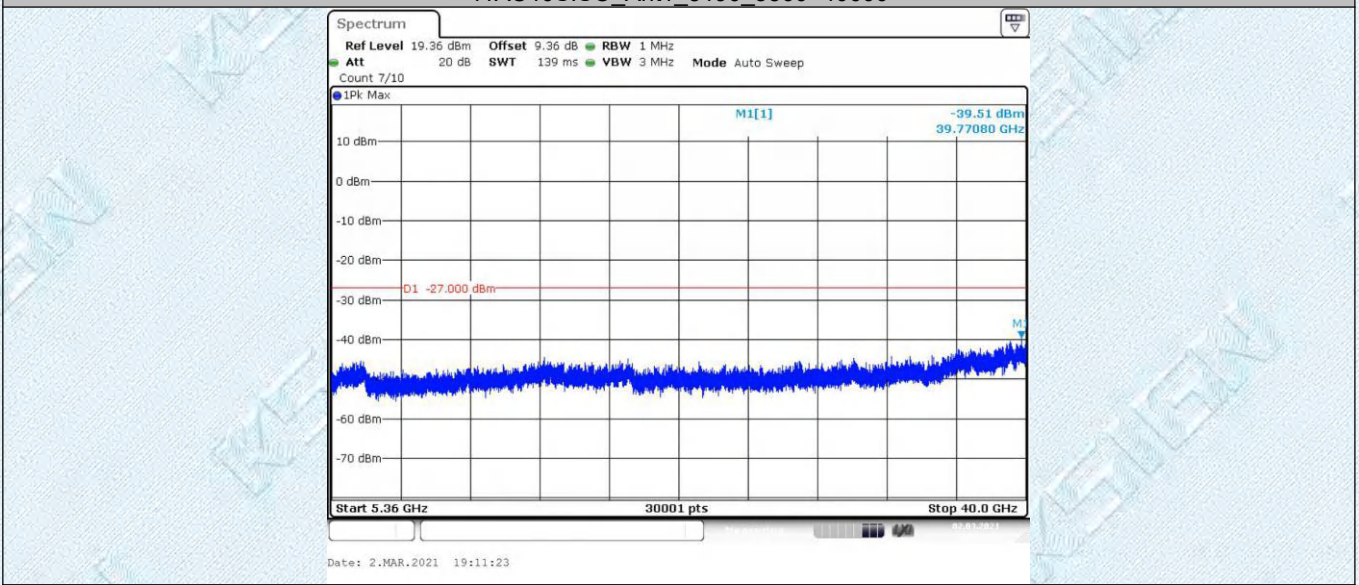
11AC40SISO Ant1 5190_30~5140



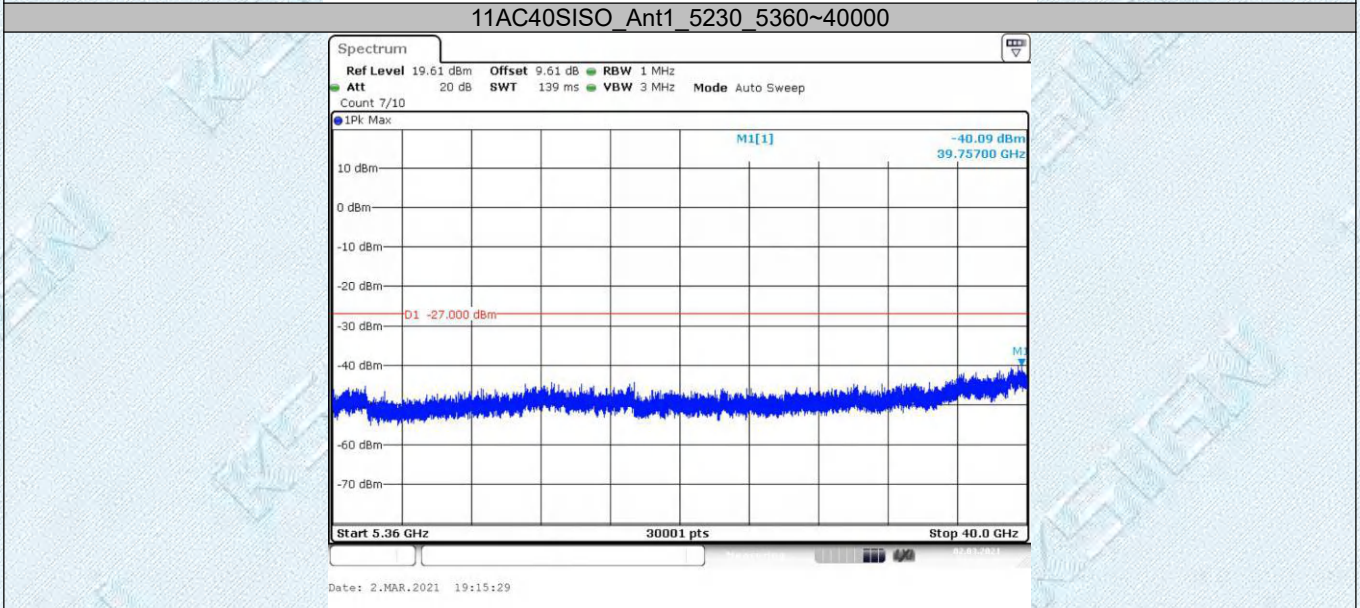
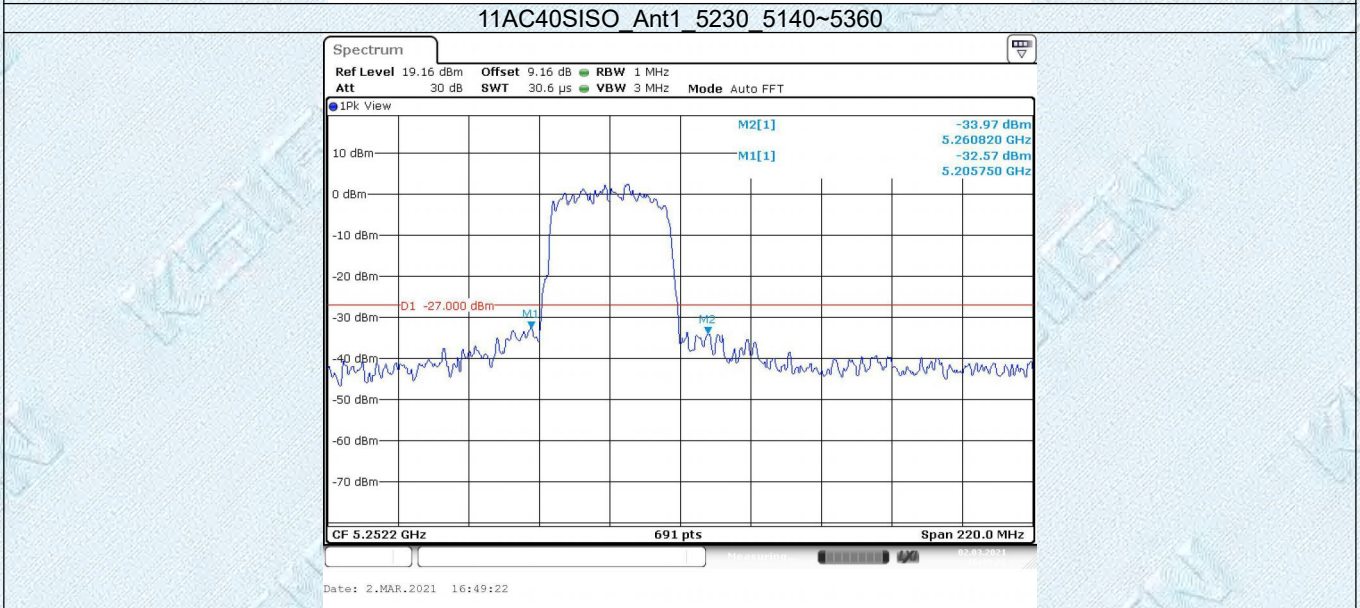
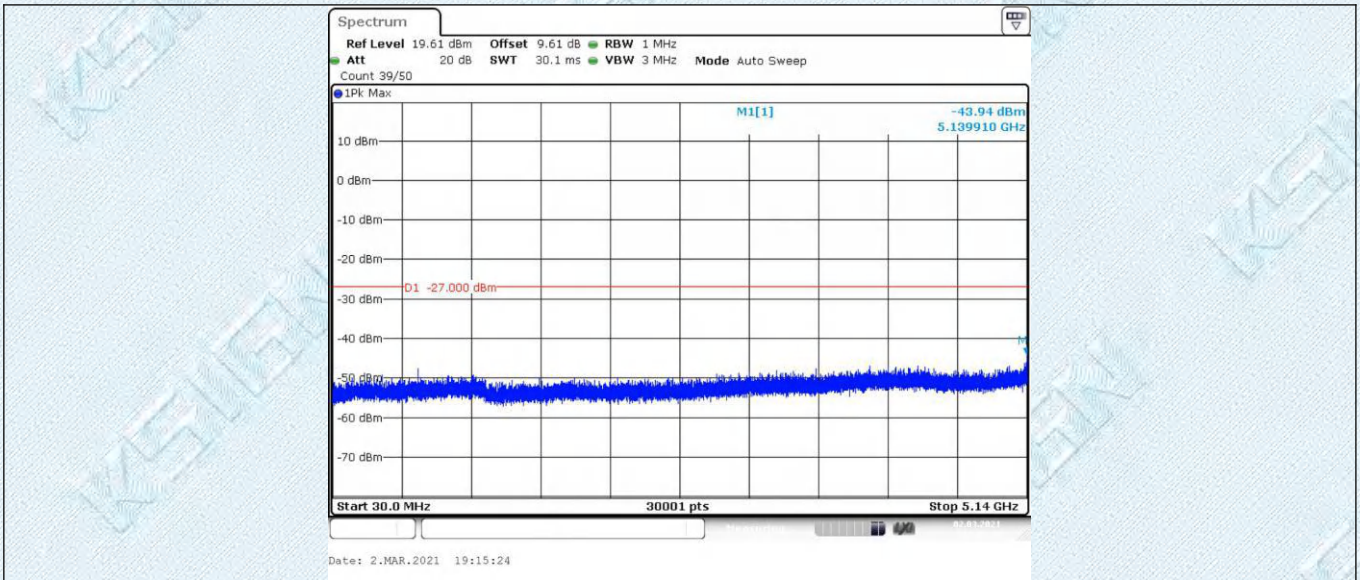
11AC40SISO_Ant1_5190_5140~5360

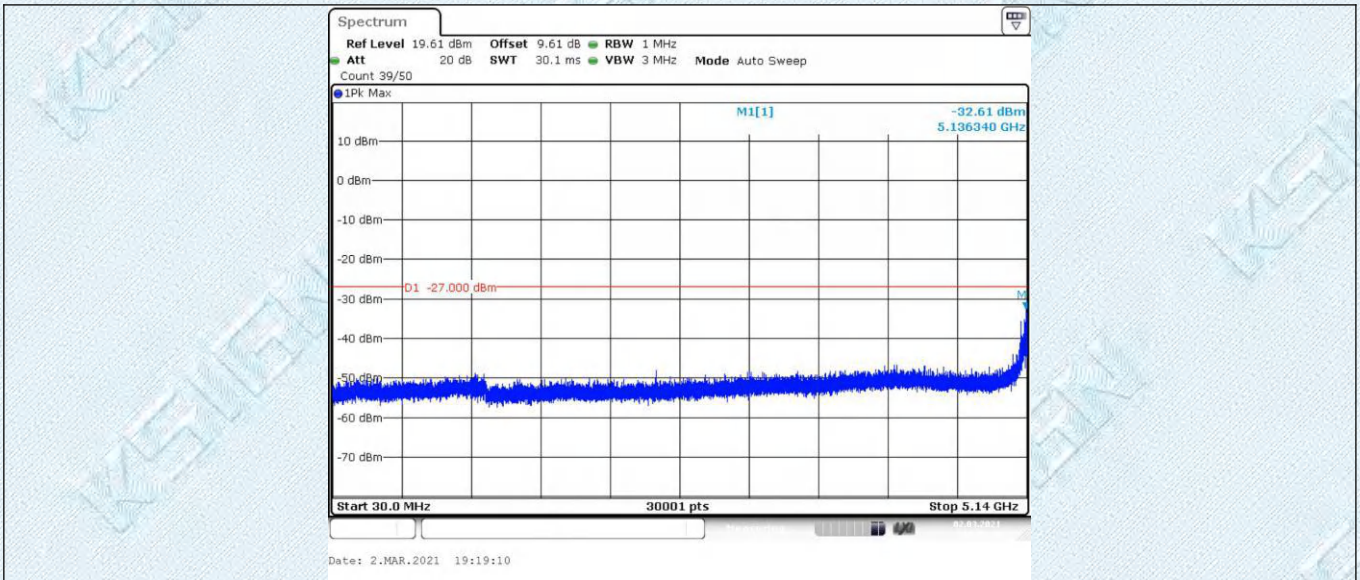


11AC40SISO_Ant1_5190_5360~40000

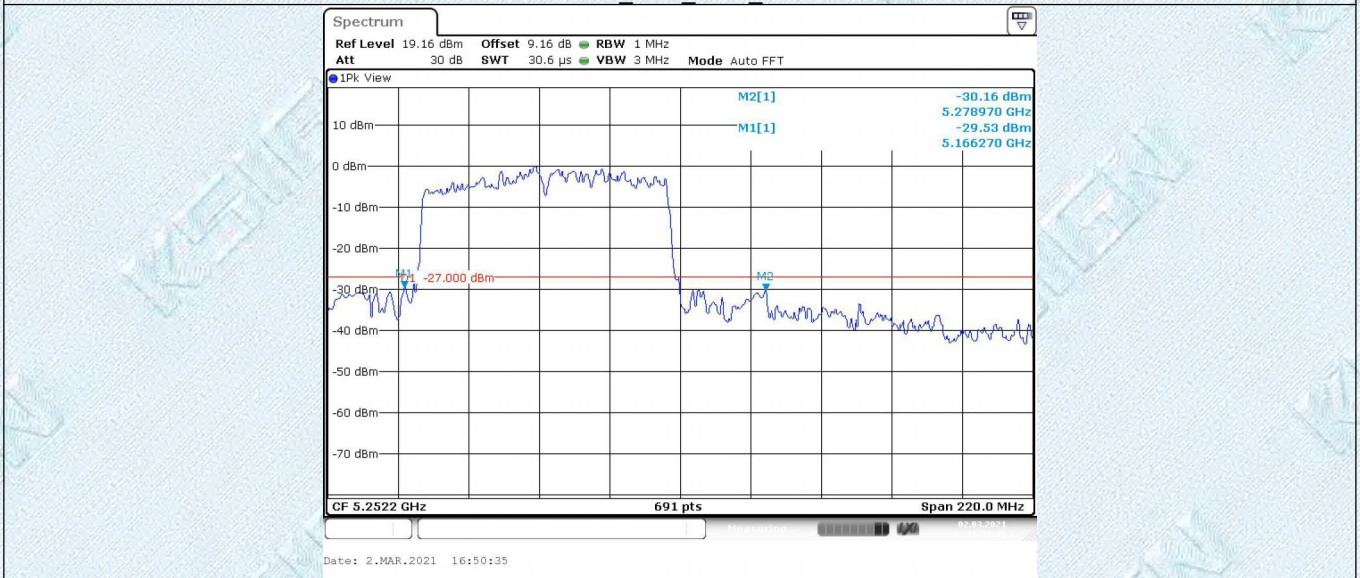


11AC40SISO_Ant1_5230_30~5140

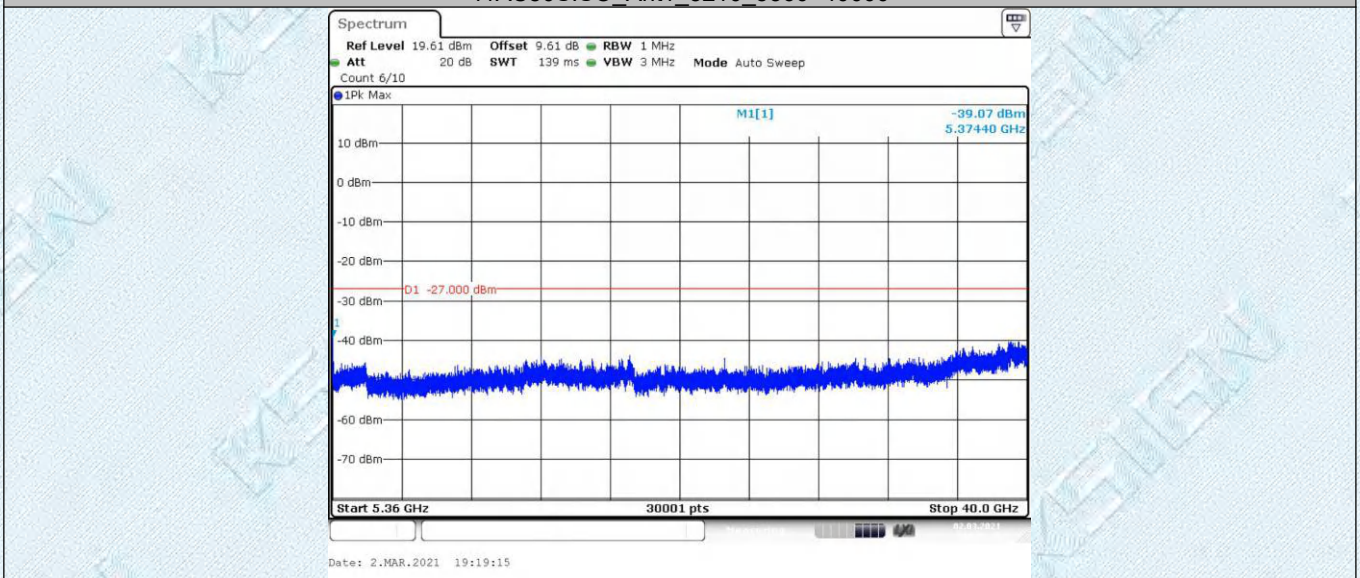




11AC80SISO_Ant1_5210_5140~5360

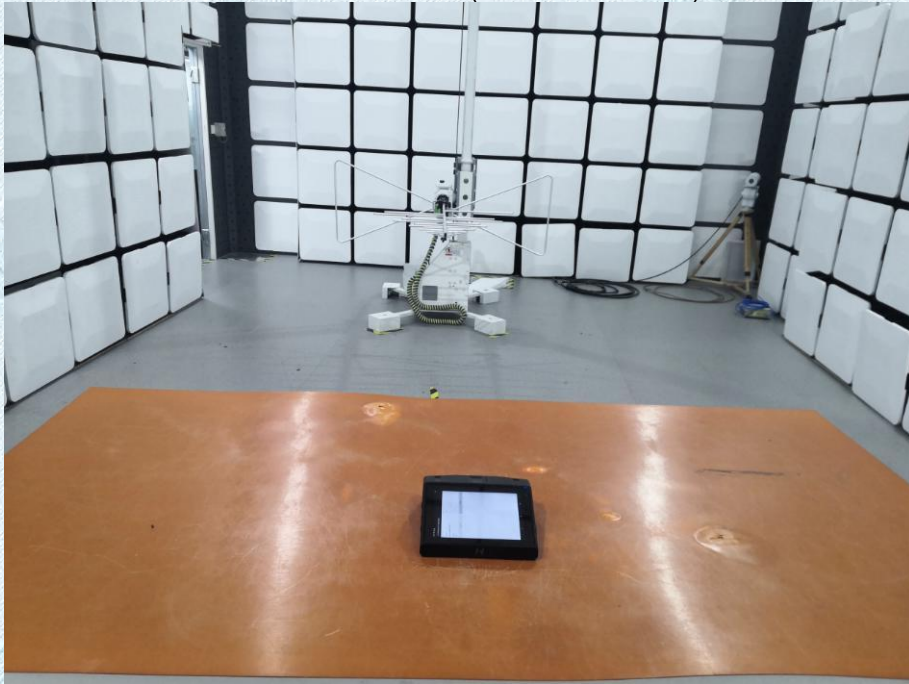


11AC80SISO_Ant1_5210_5360~40000

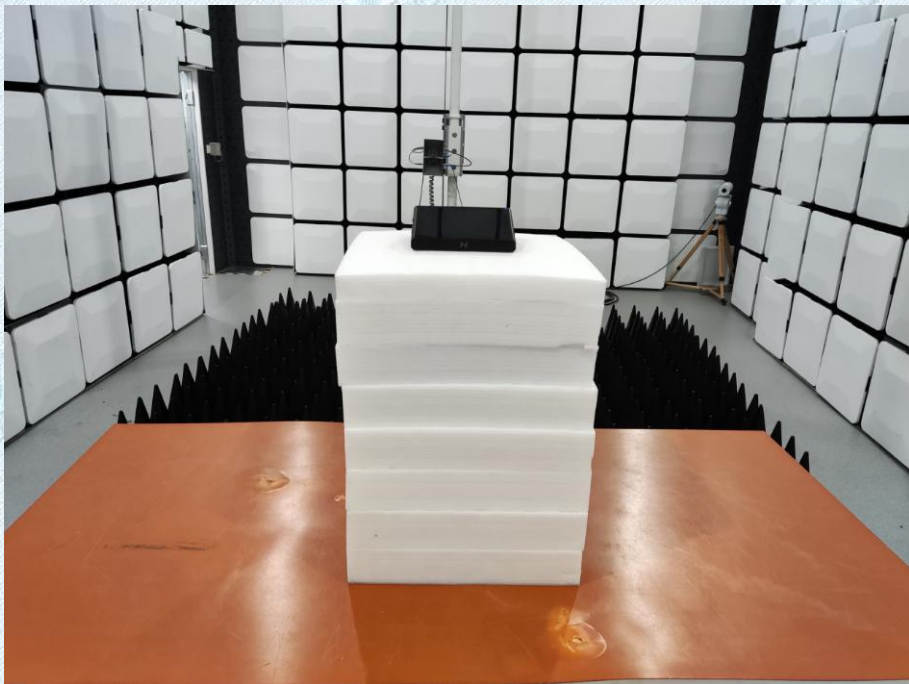


4. EUT TEST PHOTOS

Radiated Emissions (30MHz~1000MHz)



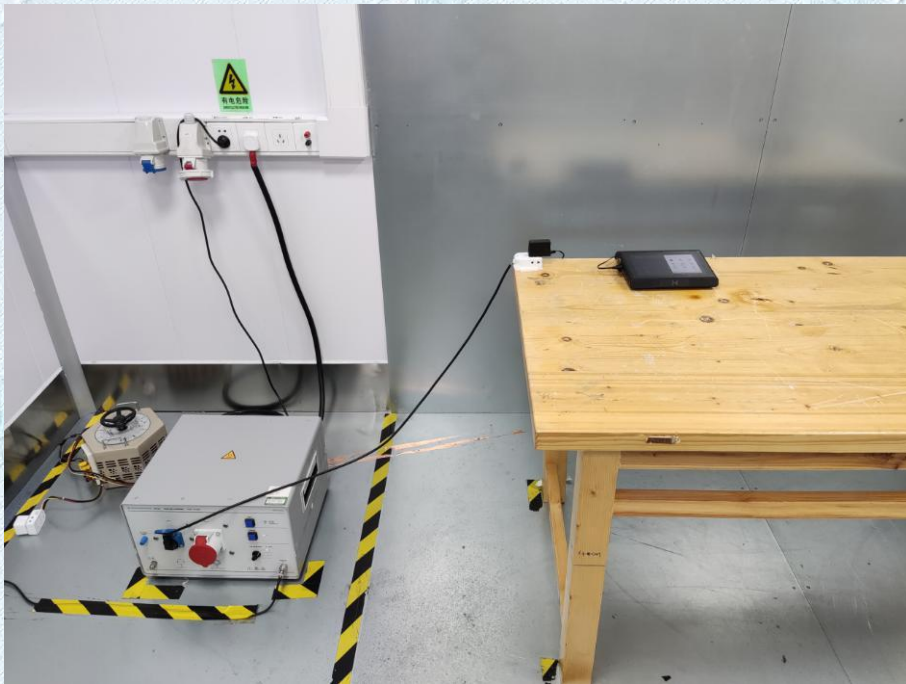
Radiated Emissions (Above 1GHz)



RF Conducted



Conducted Emission



5. PHOTOGRAPHS OF EUT CONSTRUCTIONAL

Please refer to External Photographs and Internal Photographs

*****THE END*****