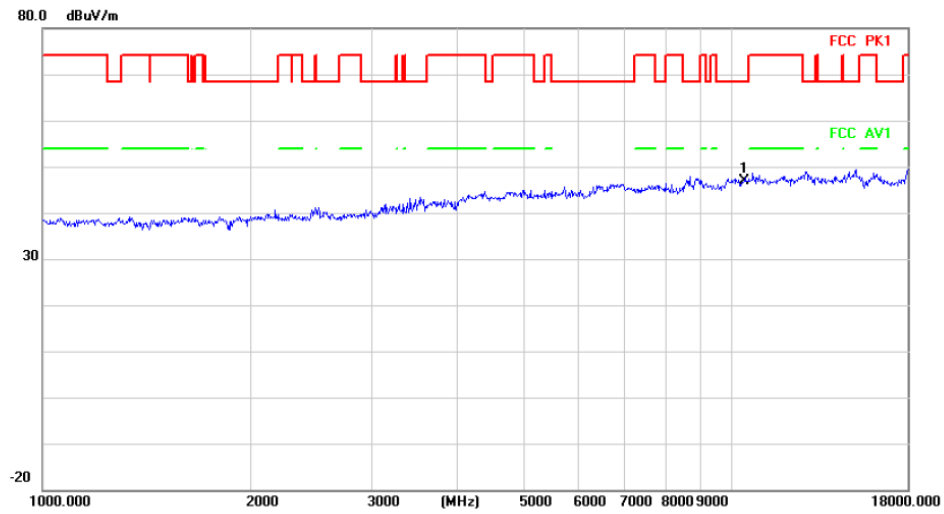


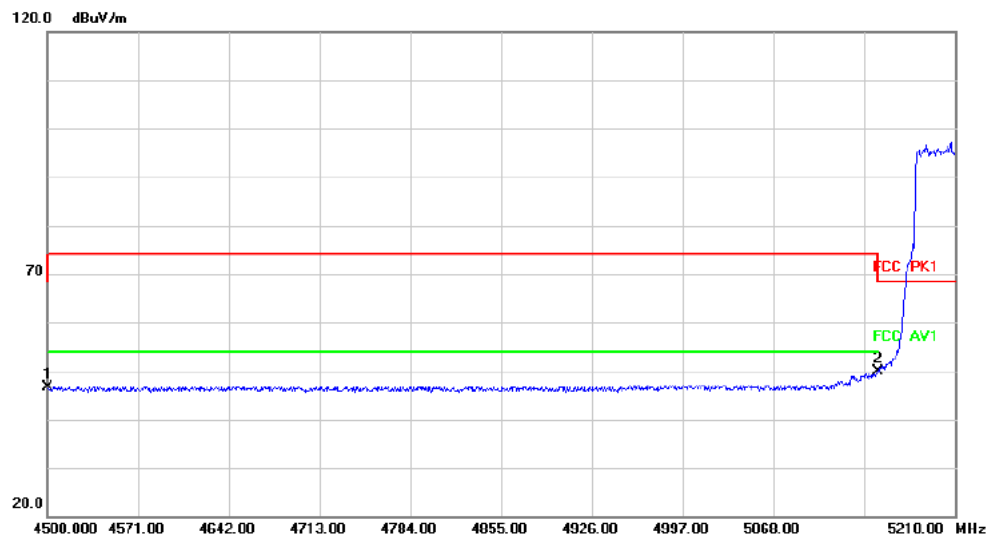
HORIZONTAL

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	Detector	cm	degree
1	*	10420.000	39.52	7.45	46.97	68.20	-21.23	peak		

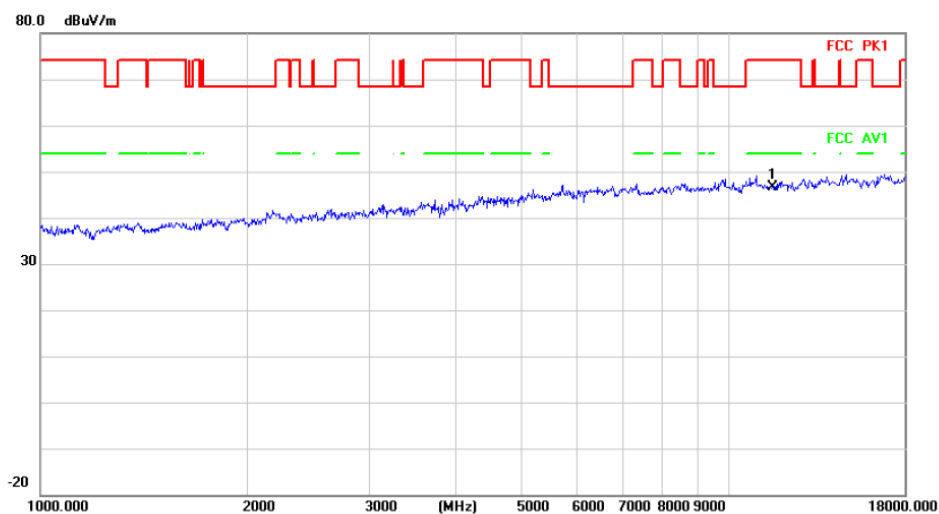
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4500.000	38.82	7.90	46.72	68.20	-21.48	peak		
2	*	5150.000	40.43	9.54	49.97	68.20	-18.23	peak		

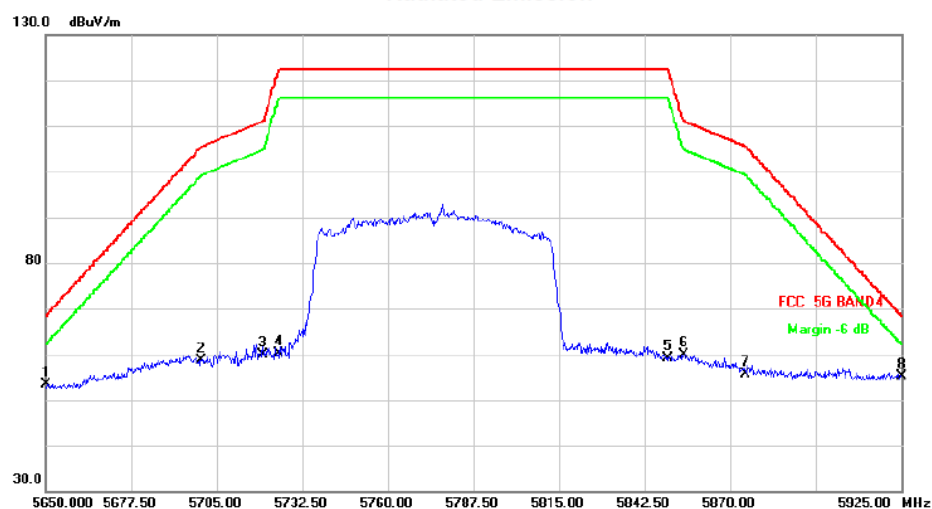
VERTICAL

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	*	11550.000	38.89	7.66	46.55	74.00	-27.45	peak		

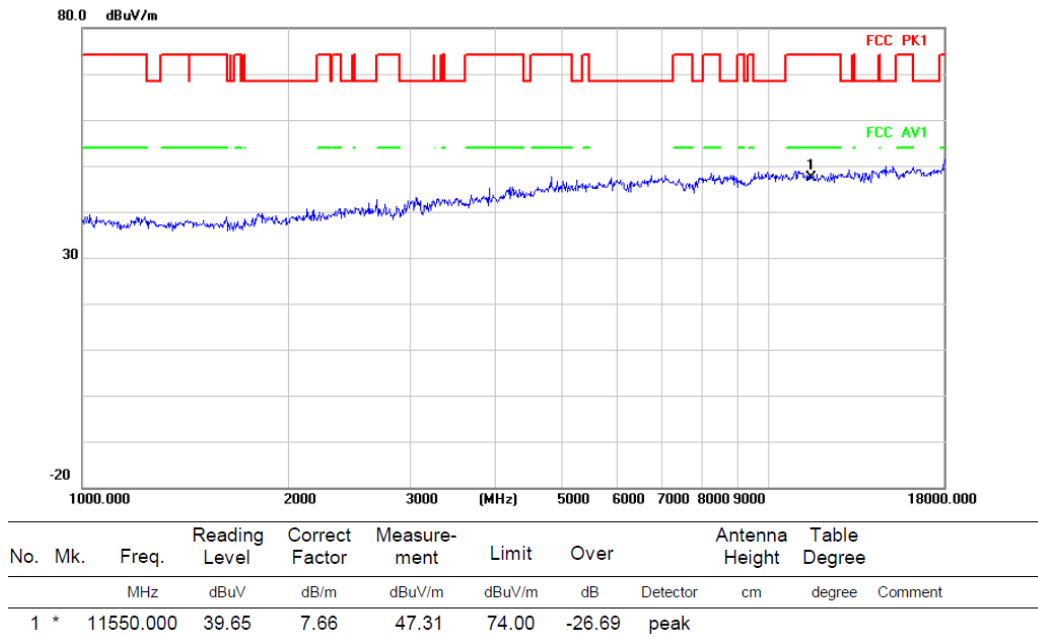
Radiated Emission



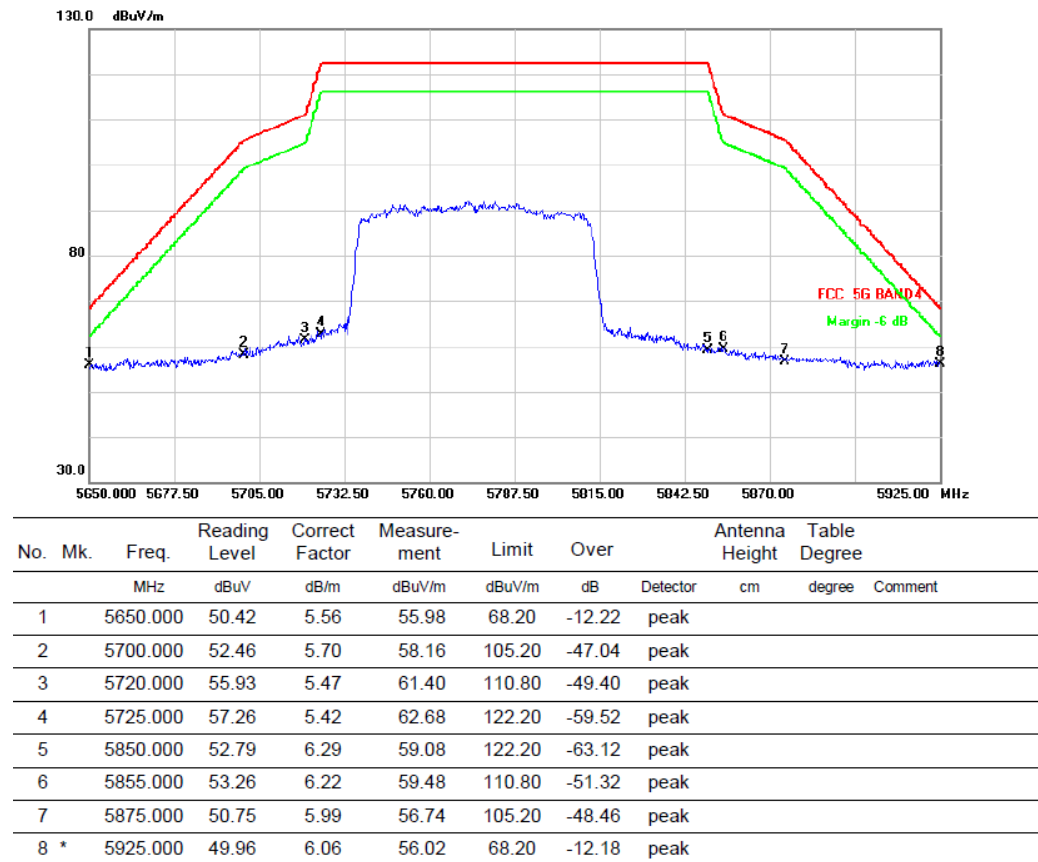
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5650.000	47.92	5.56	53.48	68.20	-14.72	peak		
2		5700.000	52.96	5.70	58.66	105.20	-46.54	peak		
3		5720.000	54.43	5.47	59.90	110.80	-50.90	peak		
4		5725.000	54.76	5.42	60.18	122.20	-62.02	peak		
5		5850.000	52.79	6.29	59.08	122.20	-63.12	peak		
6		5855.000	53.76	6.22	59.98	110.80	-50.82	peak		
7		5875.000	49.75	5.99	55.74	105.20	-49.46	peak		
8	*	5925.000	48.96	6.06	55.02	68.20	-13.18	peak		

HORIZONTAL

Radiated Emission



Radiated Emission



The high frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

3.3 Spectrum Bandwidth

3.3.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a) 15.407(e)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
	26 dB Bandwidth	-	5470-5725
	26 dB Bandwidth	-	5725-5850
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

3.3.2 Test Procedure

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

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

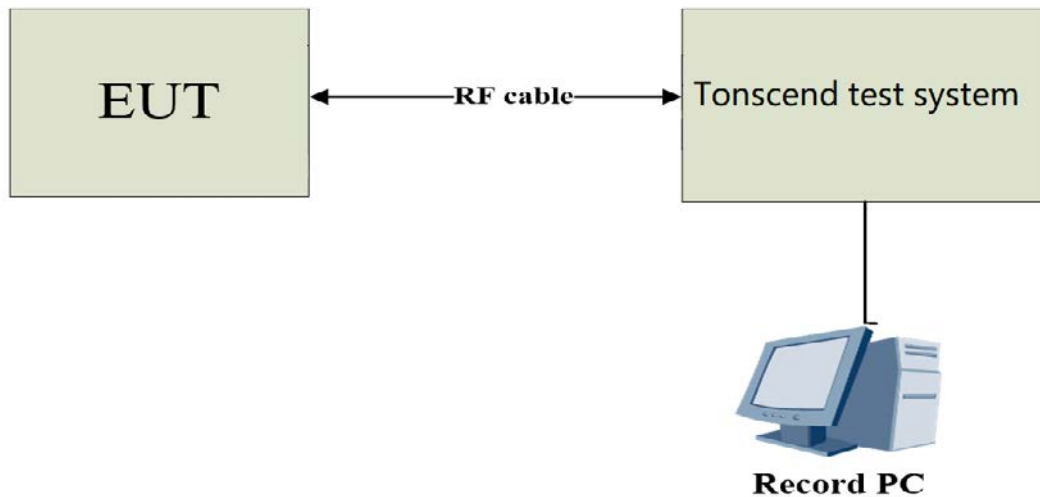
Centre Frequency	The centre frequency of the channel under test
RBW	≥1% x Nominal Channel Bandwidth
VBW	≥3 x RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

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

- c) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.
- d) Use the -26/-6dB bandwidth function of the spectrum analyser to measure the -26/-6dB Bandwidth of the EUT. This value shall be recorded.
- e) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.3.3 Test Setup

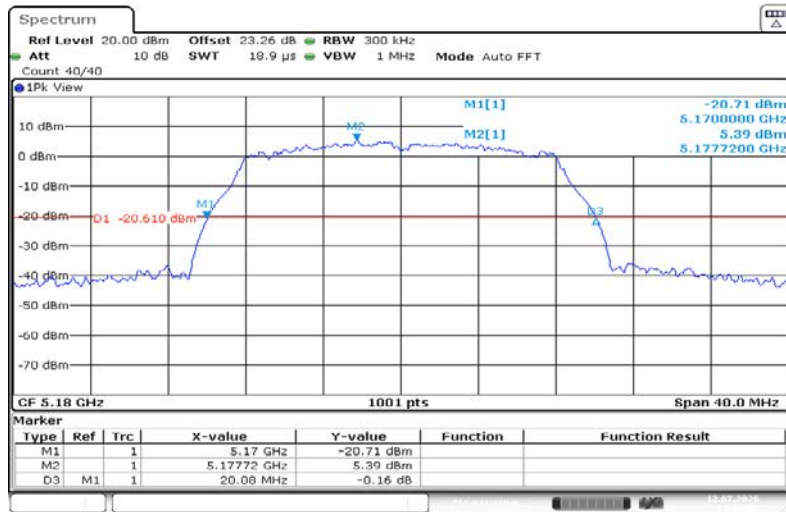


3.3.4 Test Result

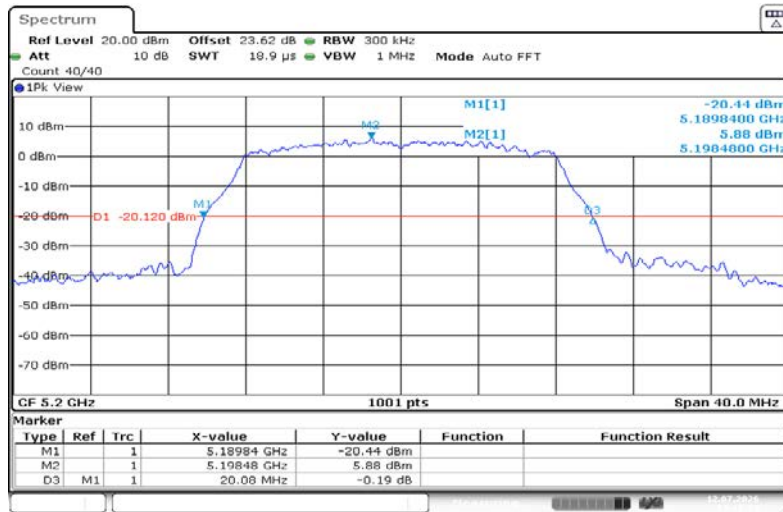
26 dB Bandwidth

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.08	5170.00	5190.08	---	---
11A	Ant1	5200	20.08	5189.84	5209.92	---	---
11A	Ant1	5240	20.20	5229.88	5250.08	---	---
11A	Ant1	5745	20.12	5734.96	5755.08	---	---
11A	Ant1	5785	20.20	5774.96	5795.16	---	---
11A	Ant1	5825	20.12	5814.92	5835.04	---	---
11N20SISO	Ant1	5180	20.48	5169.64	5190.12	---	---
11N20SISO	Ant1	5200	20.32	5189.80	5210.12	---	---
11N20SISO	Ant1	5240	20.36	5229.84	5250.20	---	---
11N20SISO	Ant1	5745	20.40	5734.80	5755.20	---	---
11N20SISO	Ant1	5785	20.52	5774.68	5795.20	---	---
11N20SISO	Ant1	5825	20.56	5814.72	5835.28	---	---
11N40SISO	Ant1	5190	40.48	5169.60	5210.08	---	---
11N40SISO	Ant1	5230	40.80	5209.36	5250.16	---	---
11N40SISO	Ant1	5755	40.40	5734.76	5775.16	---	---
11N40SISO	Ant1	5795	41.04	5774.68	5815.72	---	---
11AC20SISO	Ant1	5180	20.40	5169.80	5190.20	---	---
11AC20SISO	Ant1	5200	20.56	5189.68	5210.24	---	---
11AC20SISO	Ant1	5240	20.36	5229.88	5250.24	---	---
11AC20SISO	Ant1	5745	20.44	5734.84	5755.28	---	---
11AC20SISO	Ant1	5785	20.52	5774.72	5795.24	---	---
11AC20SISO	Ant1	5825	20.56	5814.60	5835.16	---	---
11AC40SISO	Ant1	5190	40.24	5170.00	5210.24	---	---
11AC40SISO	Ant1	5230	40.56	5209.84	5250.40	---	---
11AC40SISO	Ant1	5755	41.04	5734.44	5775.48	---	---
11AC40SISO	Ant1	5795	40.48	5774.60	5815.08	---	---
11AC80SISO	Ant1	5210	80.80	5170.00	5250.80	---	---
11AC80SISO	Ant1	5775	80.80	5735.00	5815.80	---	---

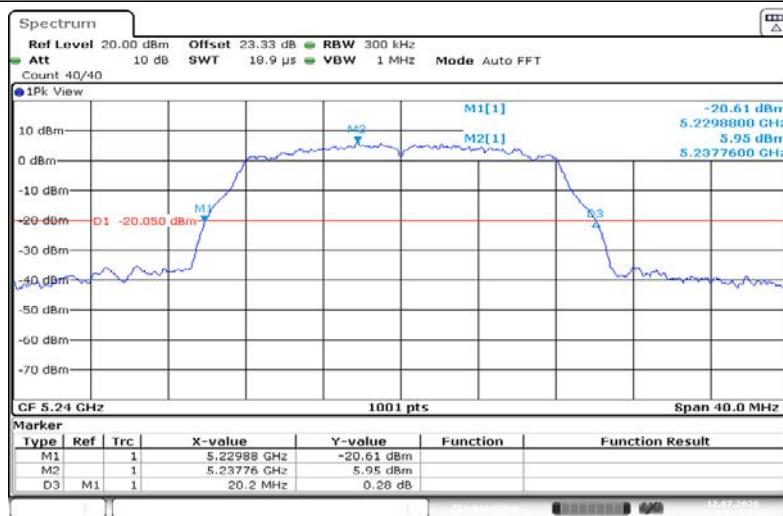
11AX20SIS O	Ant1	5180	20.08	5170.00	5190.08	---	---
11AX20SIS O	Ant1	5200	20.08	5189.84	5209.92	---	---
11AX20SIS O	Ant1	5240	20.20	5229.88	5250.08	---	---
11AX20SIS O	Ant1	5745	20.12	5734.96	5755.08	---	---
11AX20SIS O	Ant1	5785	20.20	5774.96	5795.16	---	---
11AX20SIS O	Ant1	5825	20.12	5814.92	5835.04	---	---
11AX40SIS O	Ant1	5180	20.48	5169.64	5190.12	---	---
11AX40SIS O	Ant1	5200	20.32	5189.80	5210.12	---	---
11AX40SIS O	Ant1	5240	20.36	5229.84	5250.20	---	---
11AX40SIS O	Ant1	5745	20.40	5734.80	5755.20	---	---
11AX80SIS O	Ant1	5785	20.52	5774.68	5795.20	---	---
11AX80SIS O	Ant1	5825	20.56	5814.72	5835.28	---	---



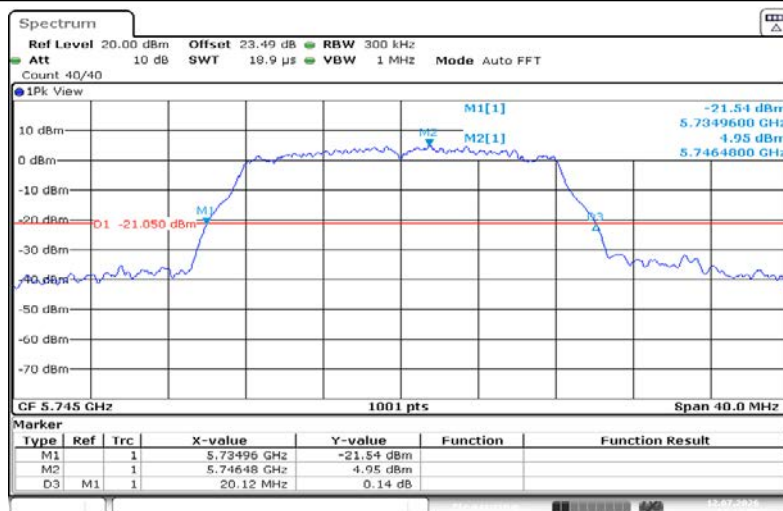
11A-Ant1-5180



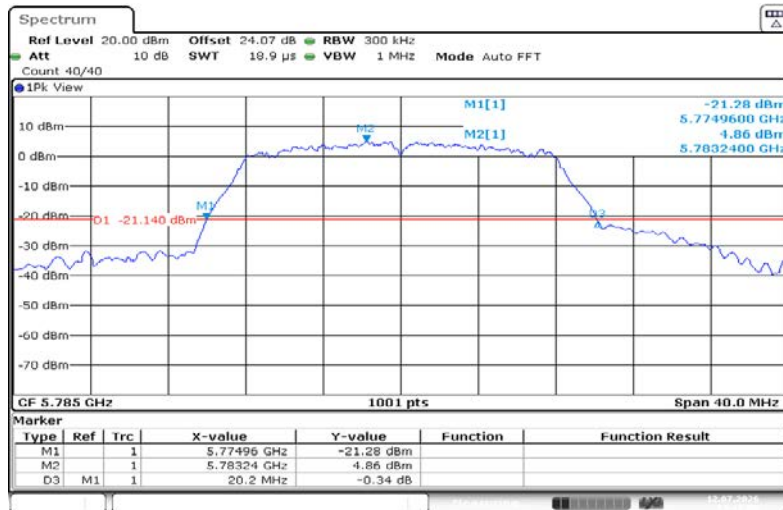
11A-Ant1-5200



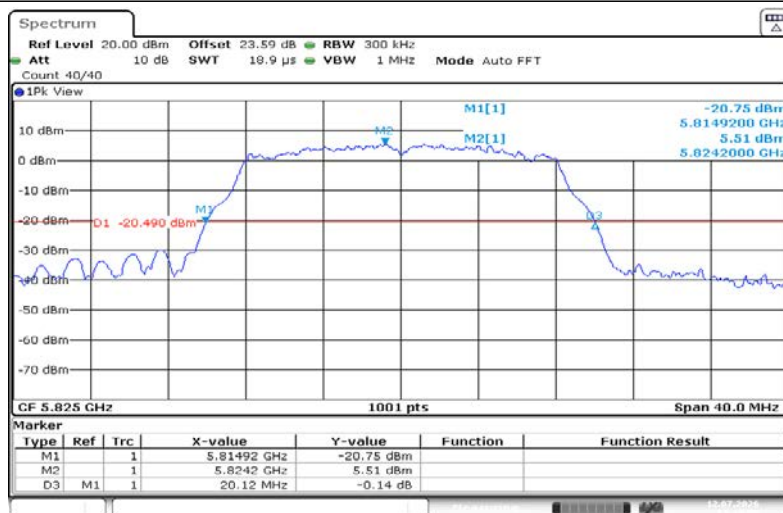
11A-Ant1-5240



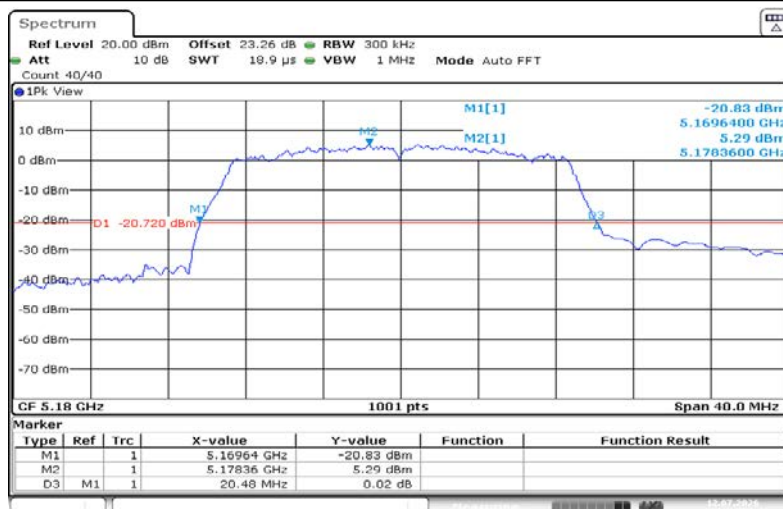
11A-Ant1-5745



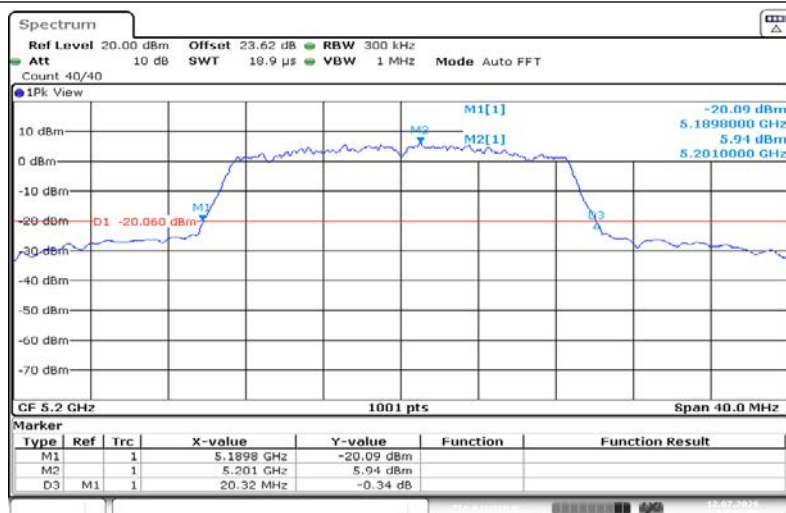
11A-Ant1-5785



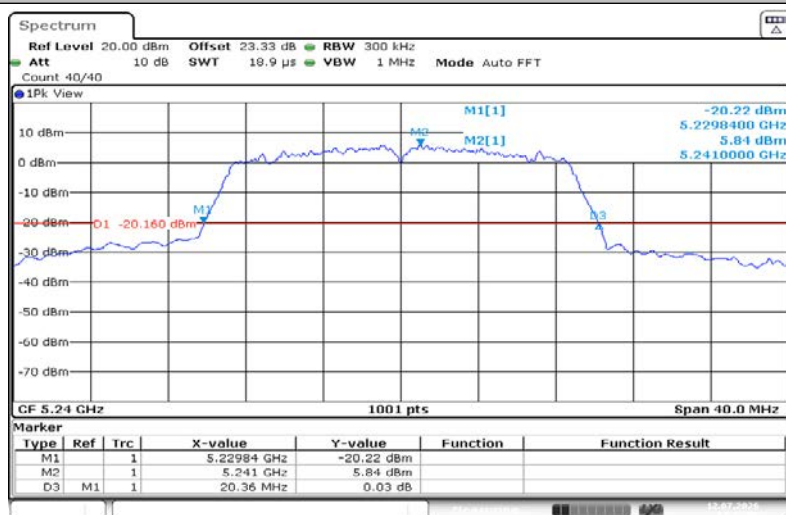
11A-Ant1-5825



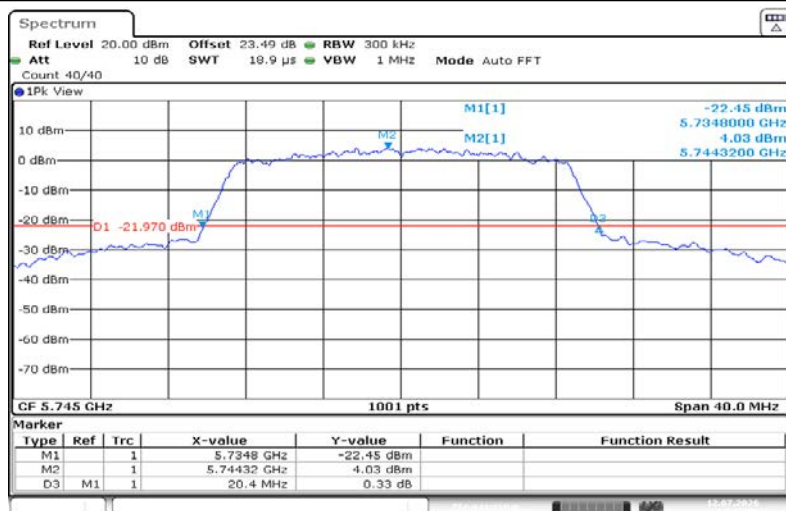
11N20SISO-Ant1-5180



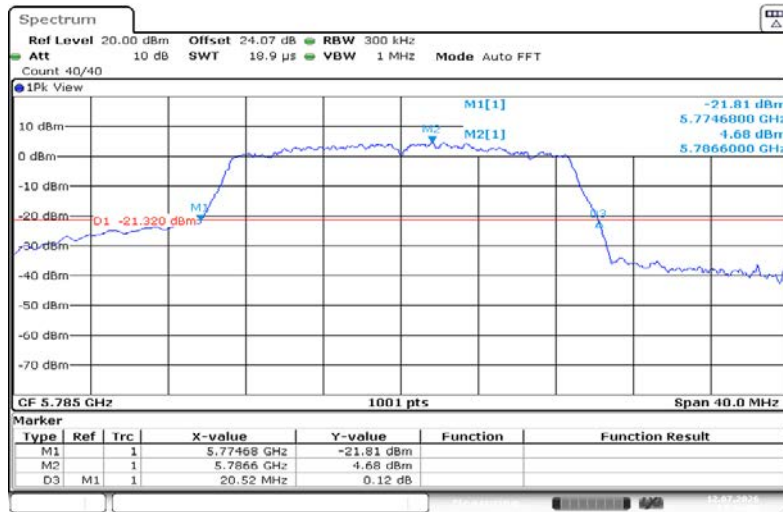
11N20SISO-Ant1-5200



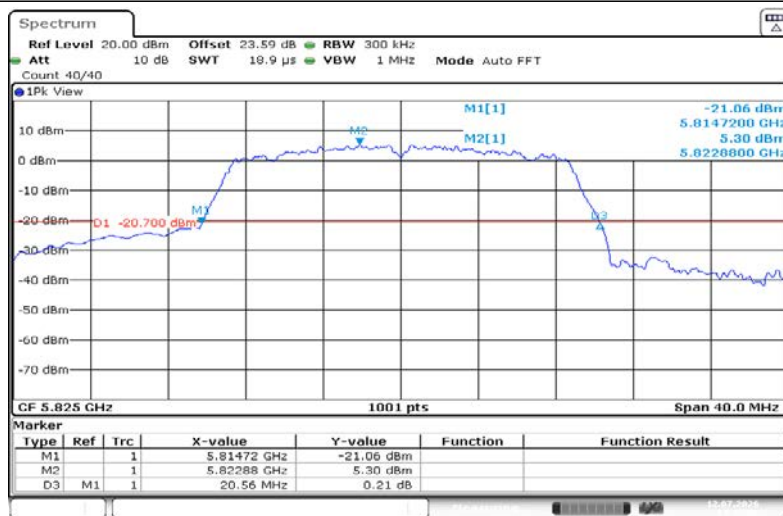
11N20SISO-Ant1-5240



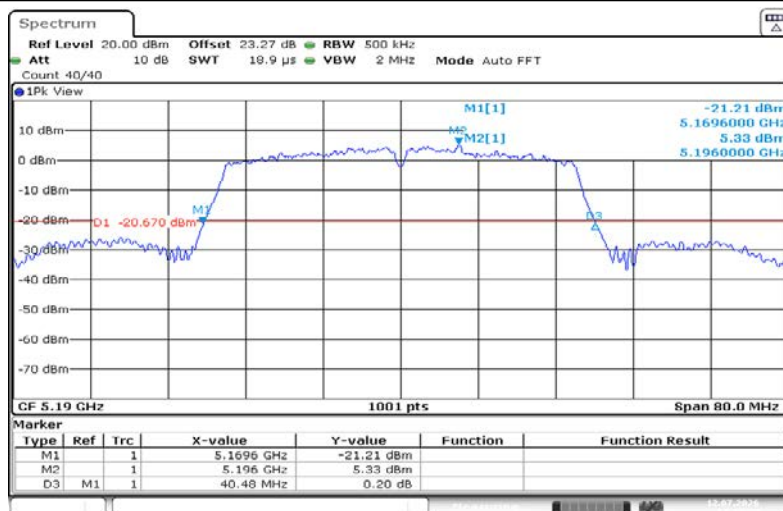
11N20SISO-Ant1-5745



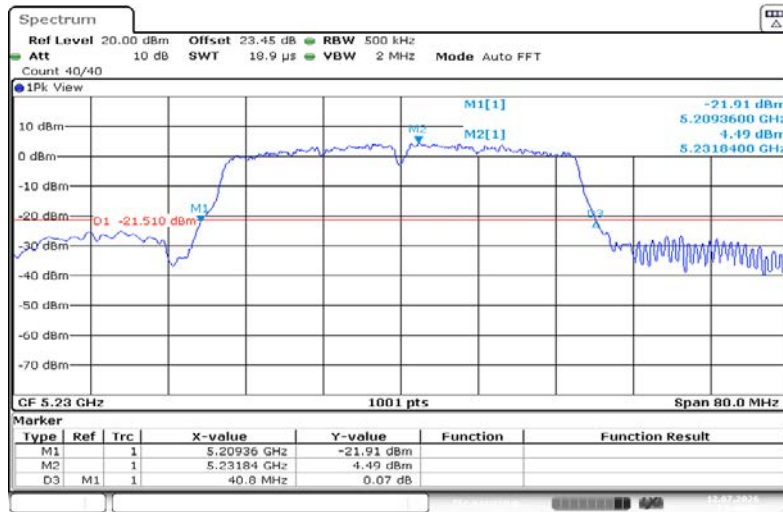
11N20SISO-Ant1-5785



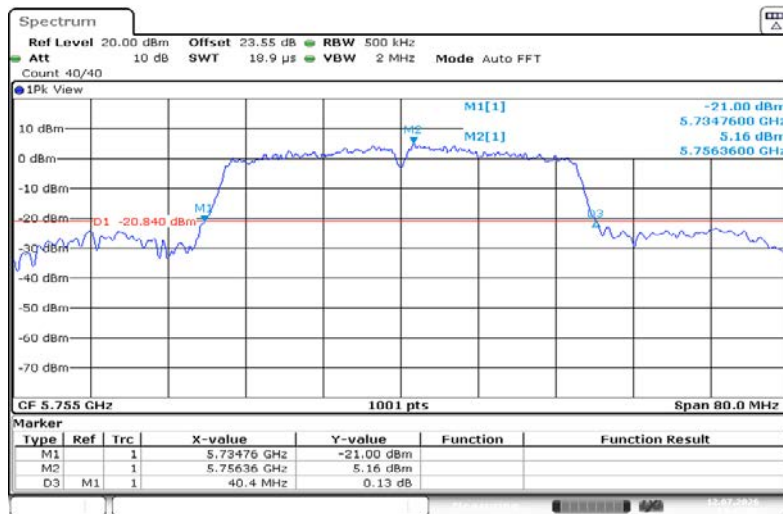
11N20SISO-Ant1-5825



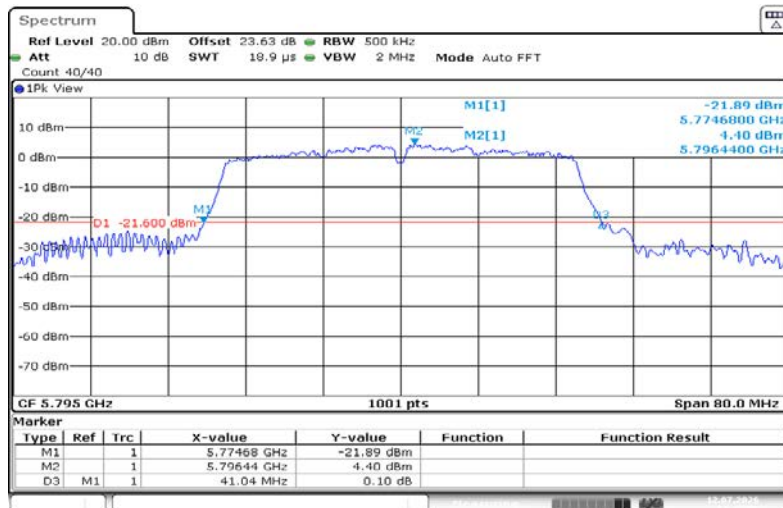
11N40SISO-Ant1-5190



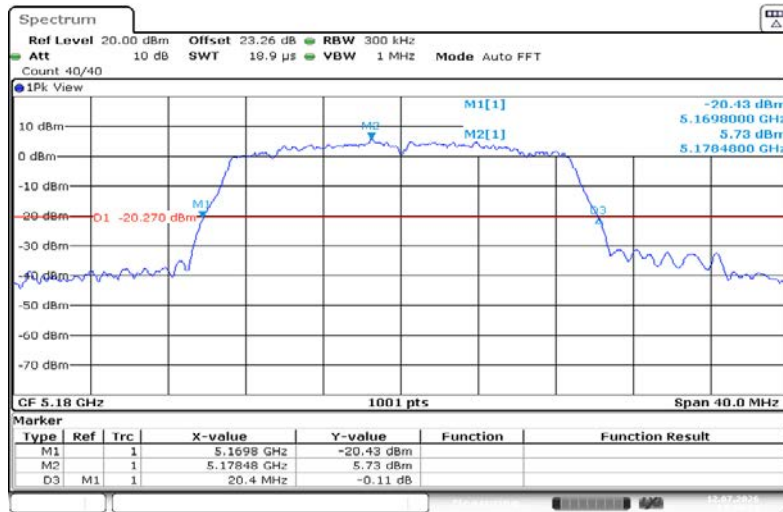
11N40SISO-Ant1-5230



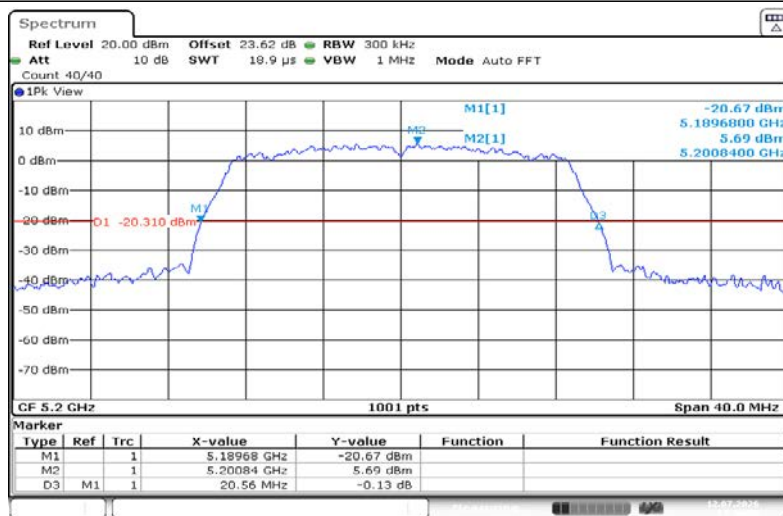
11N40SISO-Ant1-5755



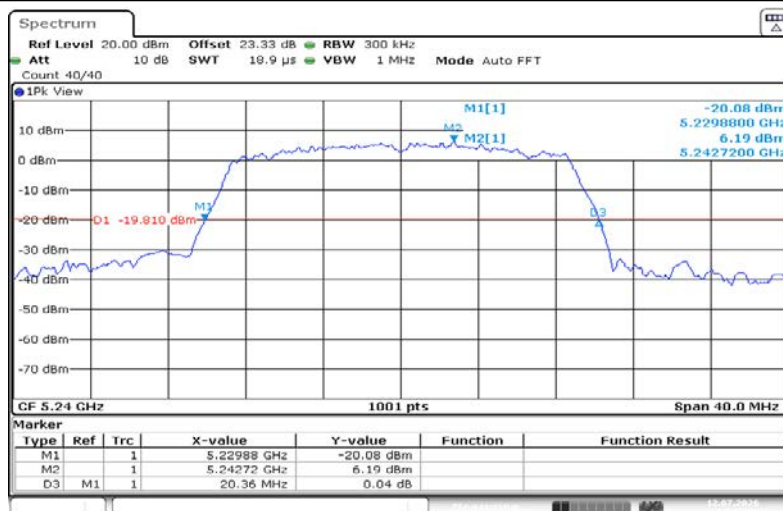
11N40SISO-Ant1-5795



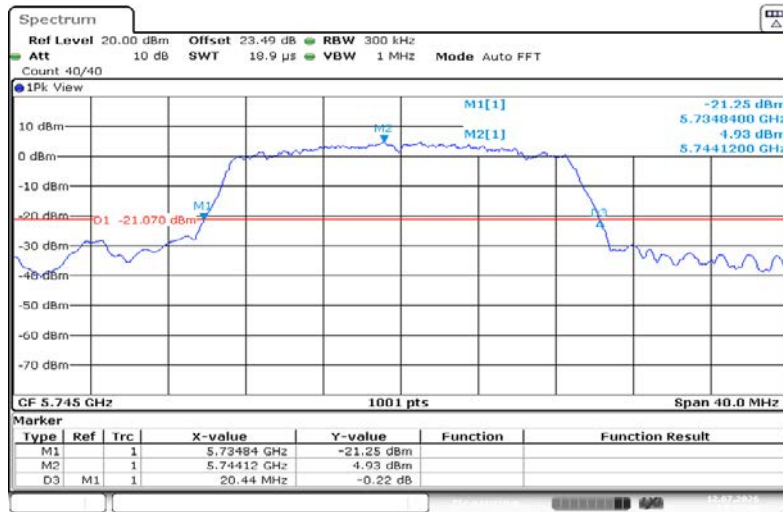
11AC20SISO-Ant1-5180



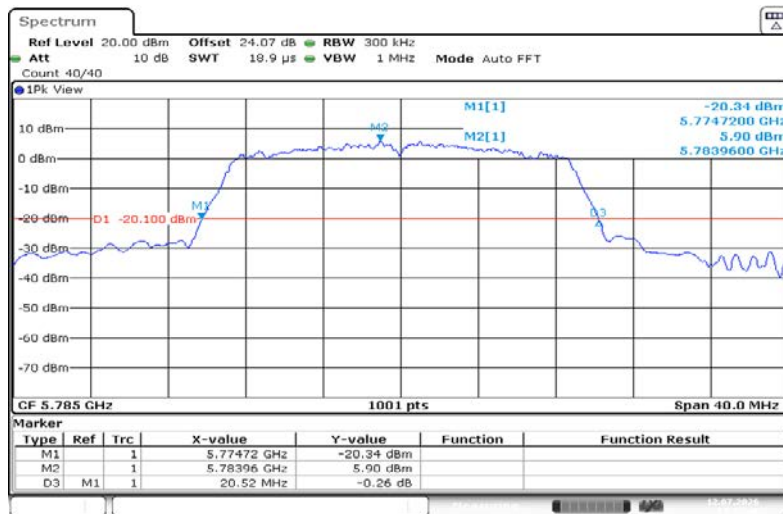
11AC20SISO-Ant1-5200



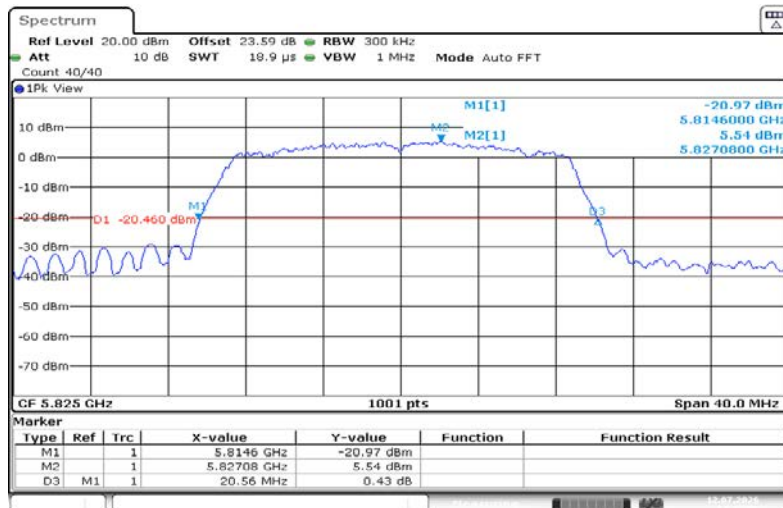
11AC20SISO-Ant1-5240



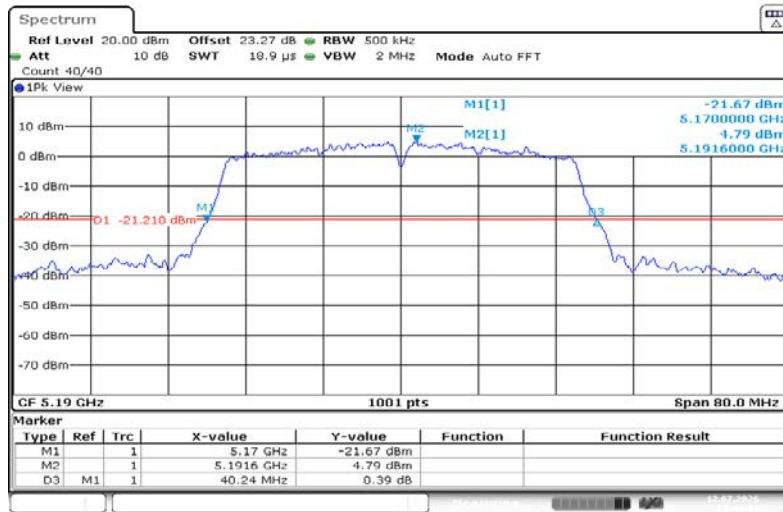
11AC20SISO-Ant1-5745



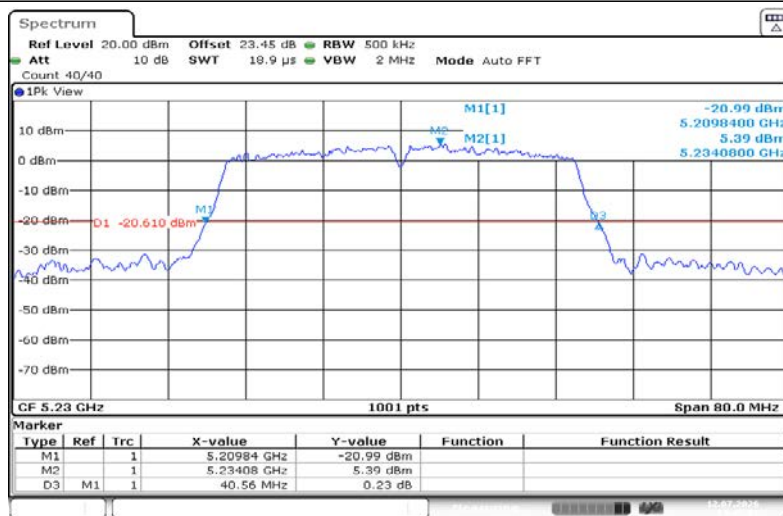
11AC20SISO-Ant1-5785



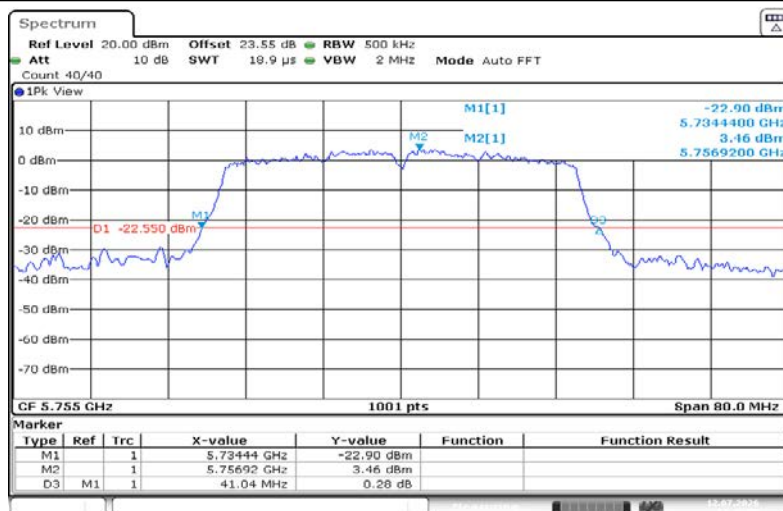
11AC20SISO-Ant1-5825



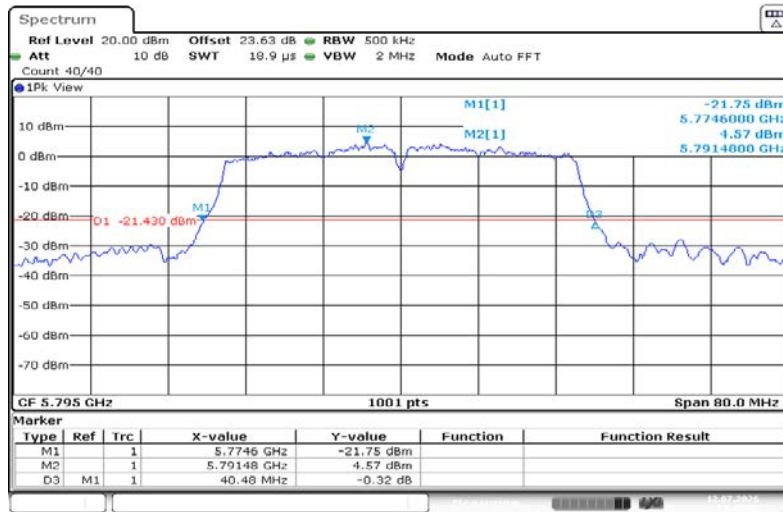
11AC40SISO-Ant1-5190



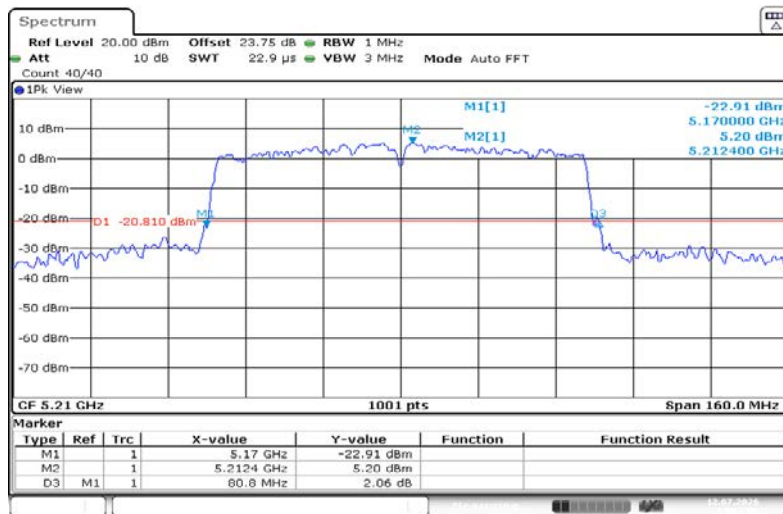
11AC40SISO-Ant1-5230



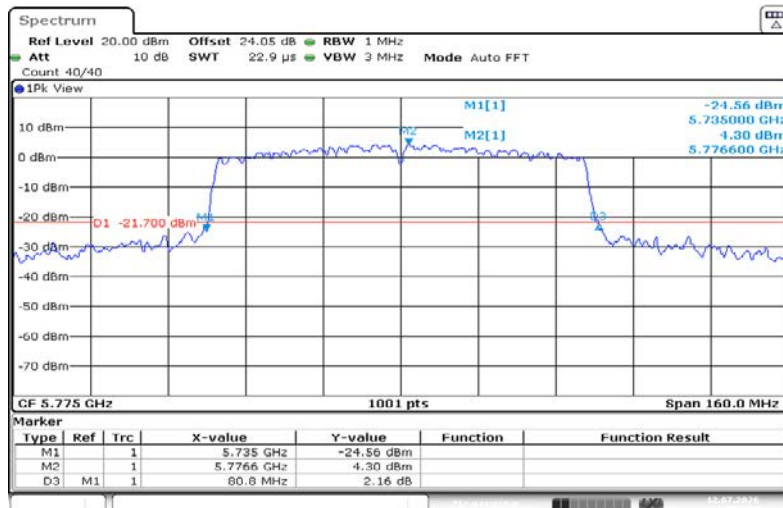
11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5210



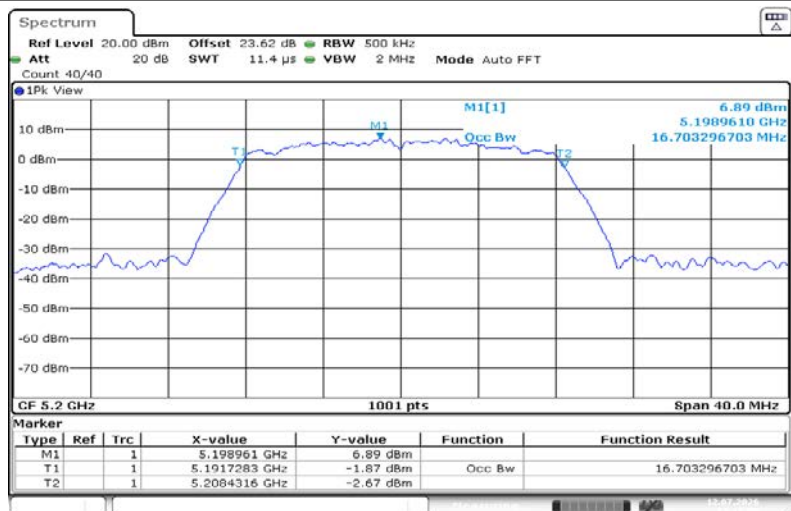
11AC80SISO-Ant1-5775

Occupied channel bandwidth

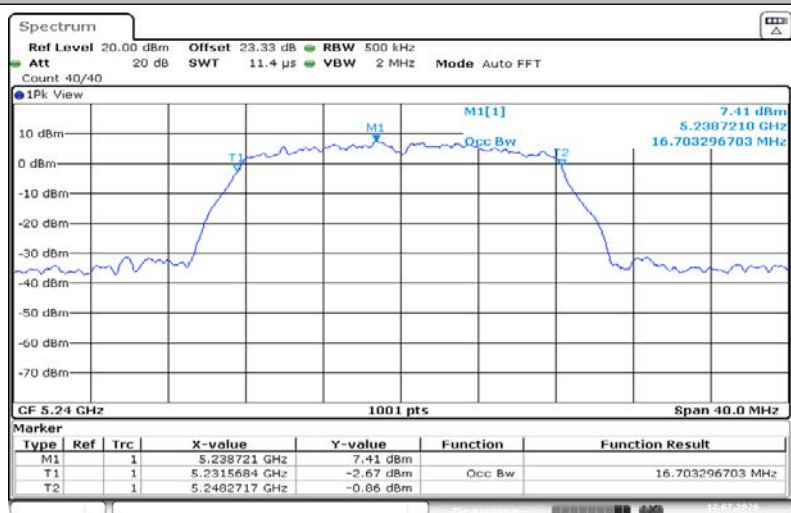
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.863	5171.4885	5188.3516	---	---
11A	Ant1	5200	16.703	5191.7283	5208.4316	---	---
11A	Ant1	5240	16.703	5231.5684	5248.2717	---	---
11A	Ant1	5745	17.063	5736.4885	5753.5514	---	---
11A	Ant1	5785	16.783	5776.5684	5793.3516	---	---
11A	Ant1	5825	16.663	5816.5684	5833.2318	---	---
11N20SISO	Ant1	5180	18.062	5170.8092	5188.8711	---	---
11N20SISO	Ant1	5200	17.902	5191.1688	5209.0709	---	---
11N20SISO	Ant1	5240	18.262	5230.8492	5249.1109	---	---
11N20SISO	Ant1	5745	18.182	5735.8092	5753.9910	---	---
11N20SISO	Ant1	5785	17.702	5776.1289	5793.8312	---	---
11N20SISO	Ant1	5825	17.782	5816.0889	5833.8711	---	---
11N40SISO	Ant1	5190	36.284	5171.7782	5208.0619	---	---
11N40SISO	Ant1	5230	36.763	5211.8581	5248.6214	---	---
11N40SISO	Ant1	5755	36.204	5736.9381	5773.1419	---	---
11N40SISO	Ant1	5795	36.044	5777.0180	5813.0619	---	---
11AC20SISO	Ant1	5180	17.862	5171.0090	5188.8711	---	---
11AC20SISO	Ant1	5200	17.782	5191.1289	5208.9111	---	---
11AC20SISO	Ant1	5240	17.782	5231.0889	5248.8711	---	---
11AC20SISO	Ant1	5745	17.902	5736.0090	5753.9111	---	---
11AC20SISO	Ant1	5785	18.022	5775.9291	5793.9510	---	---
11AC20SISO	Ant1	5825	17.582	5816.2488	5833.8312	---	---
11AC40SISO	Ant1	5190	36.284	5171.8581	5208.1419	---	---
11AC40SISO	Ant1	5230	36.044	5212.0180	5248.0619	---	---
11AC40SISO	Ant1	5755	36.284	5736.7782	5773.0619	---	---
11AC40SISO	Ant1	5795	36.284	5776.9381	5813.2218	---	---
11AC80SISO	Ant1	5210	75.924	5171.9580	5247.8821	---	---
11AC80SISO	Ant1	5775	75.445	5737.4376	5812.8821	---	---



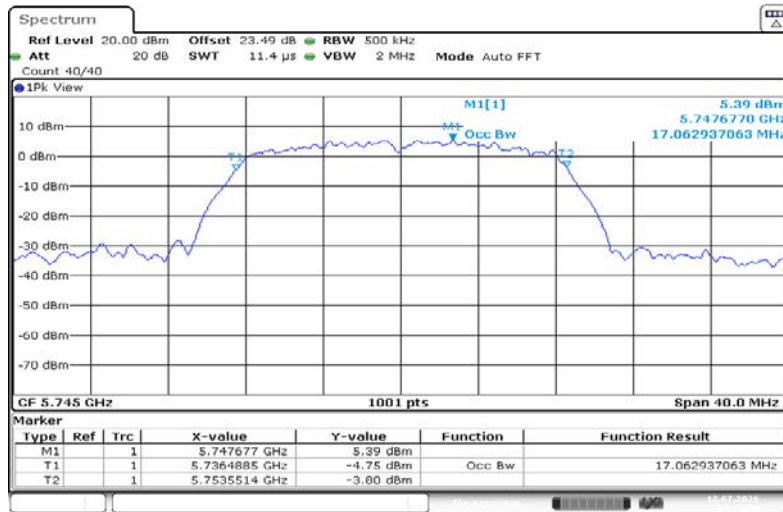
11A-Ant1-5180



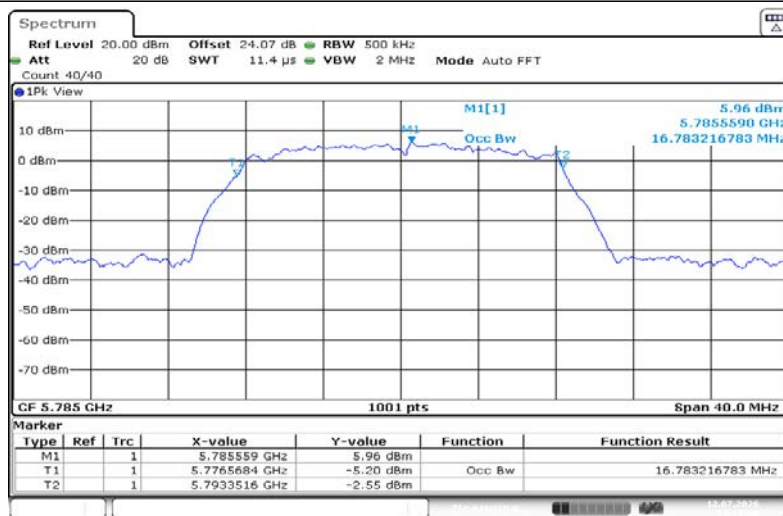
11A-Ant1-5200



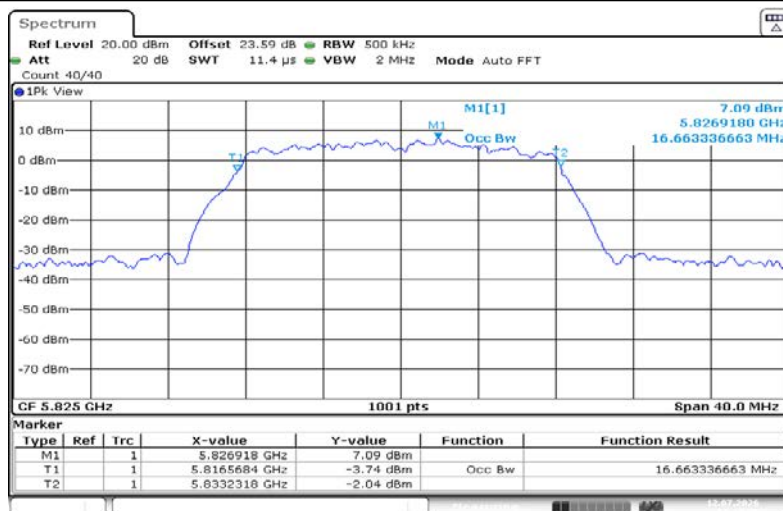
11A-Ant1-5240



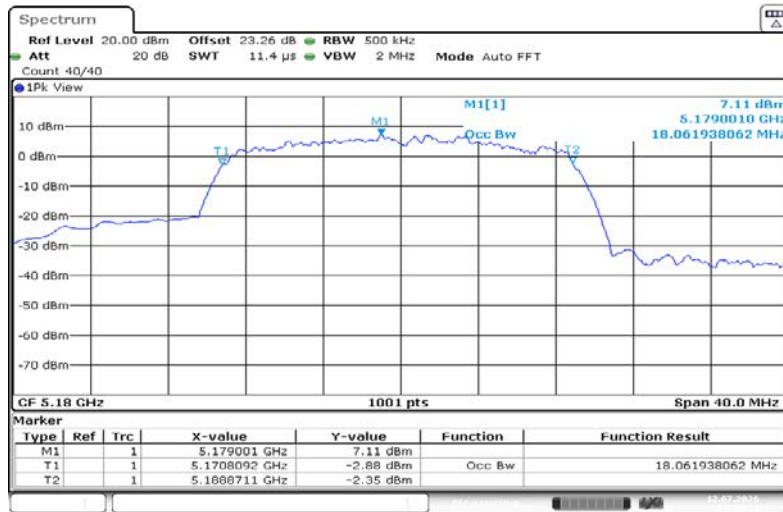
11A-Ant1-5745



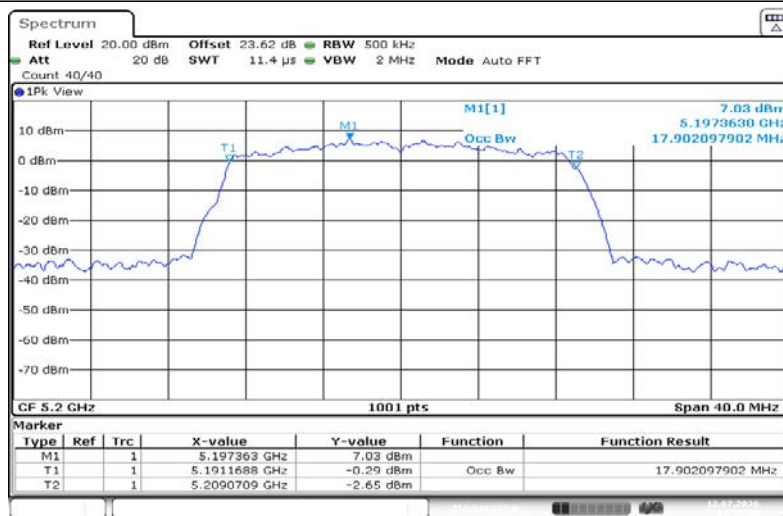
11A-Ant1-5785



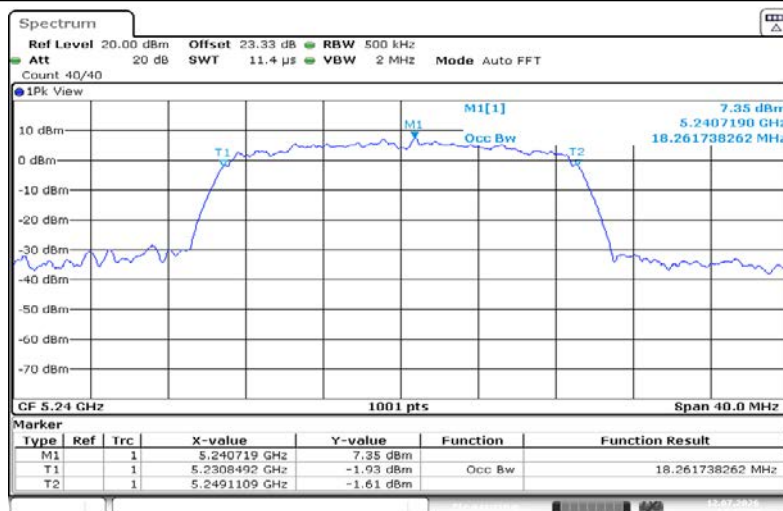
11A-Ant1-5825



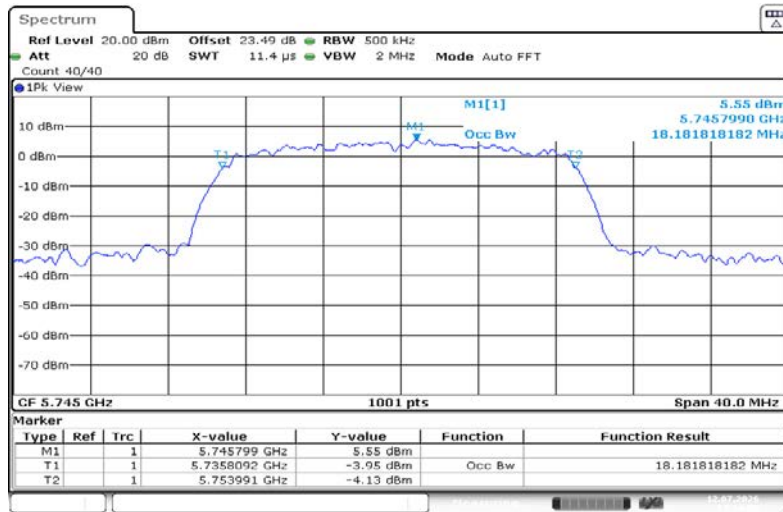
11N20SISO-Ant1-5180



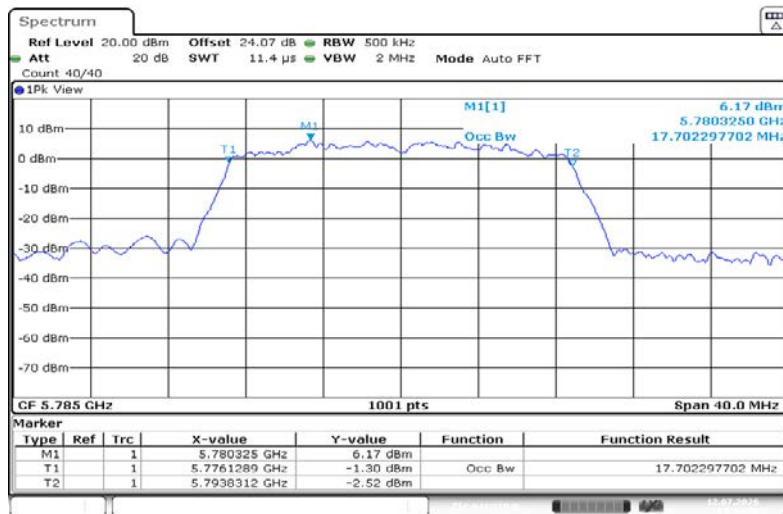
11N20SISO-Ant1-5200



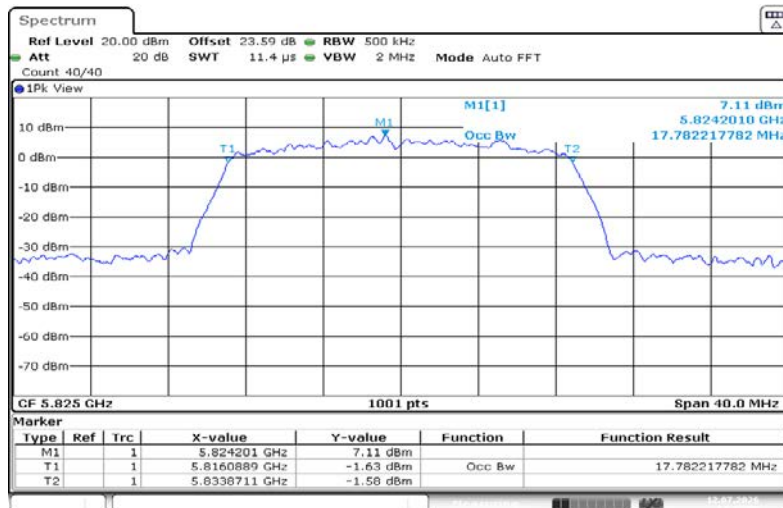
11N20SISO-Ant1-5240



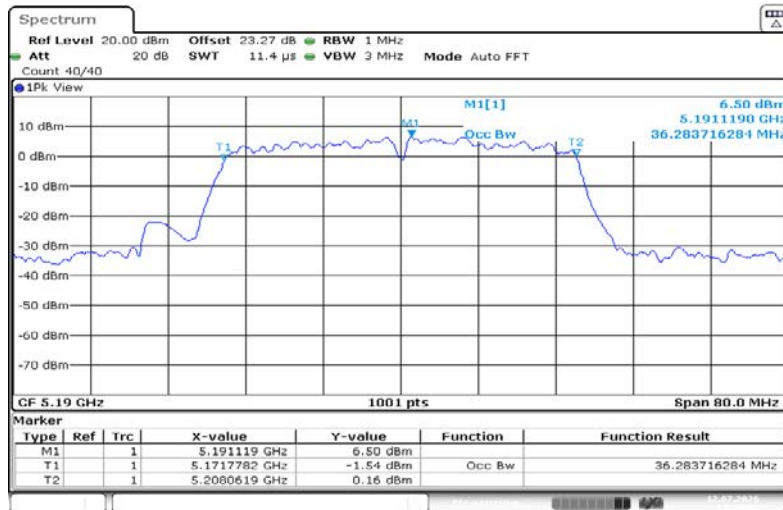
11N20SISO-Ant1-5745



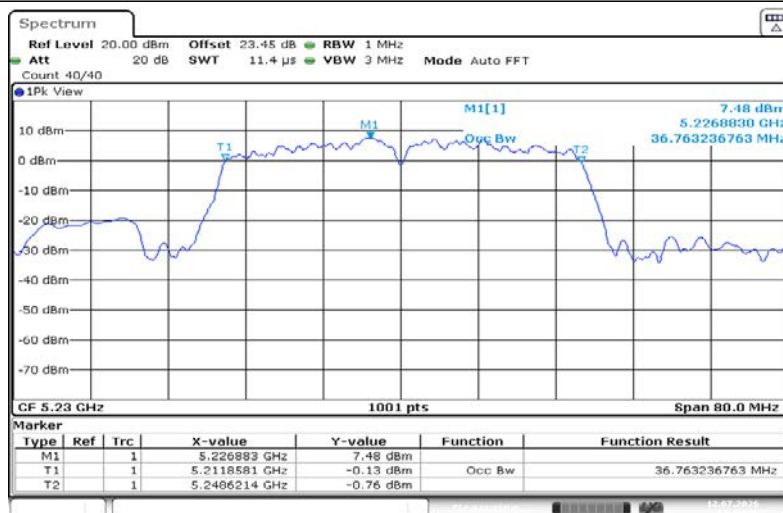
11N20SISO-Ant1-5785



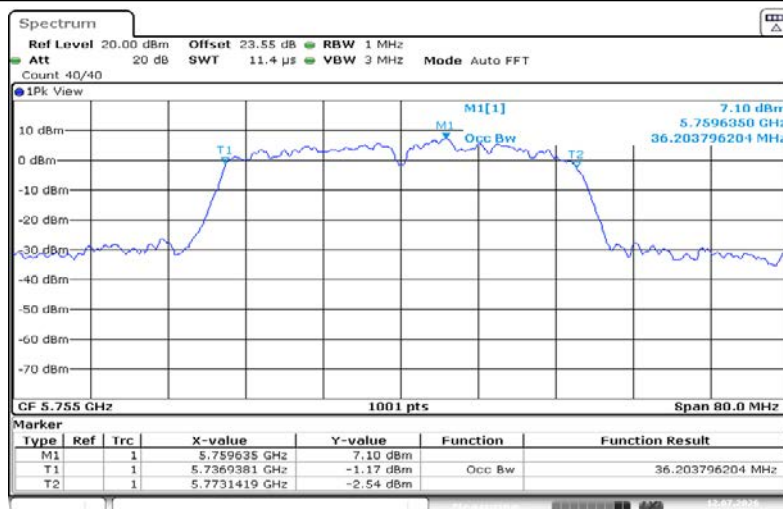
11N20SISO-Ant1-5825



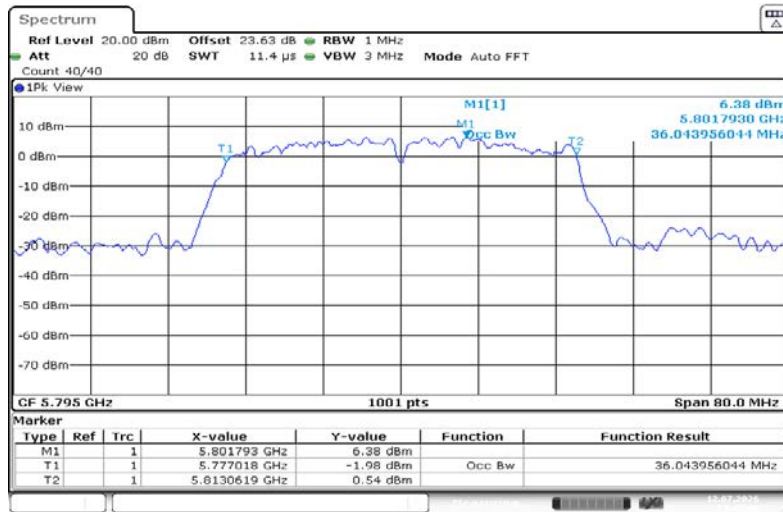
11N40SISO-Ant1-5190



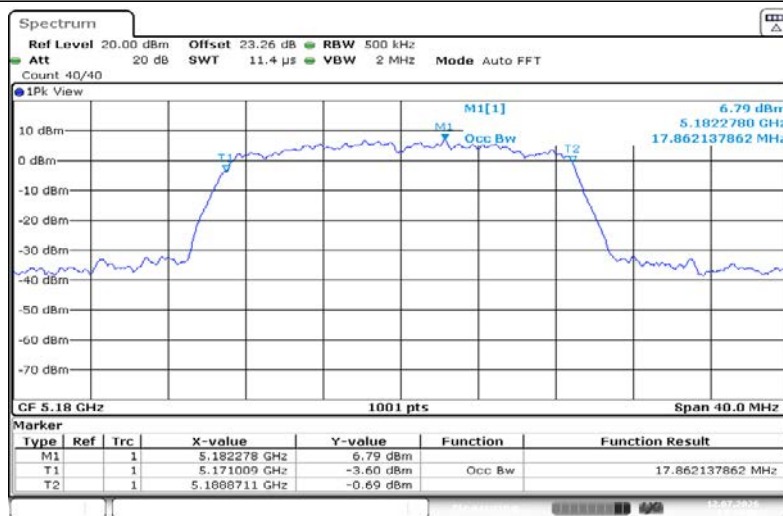
11N40SISO-Ant1-5230



11N40SISO-Ant1-5755



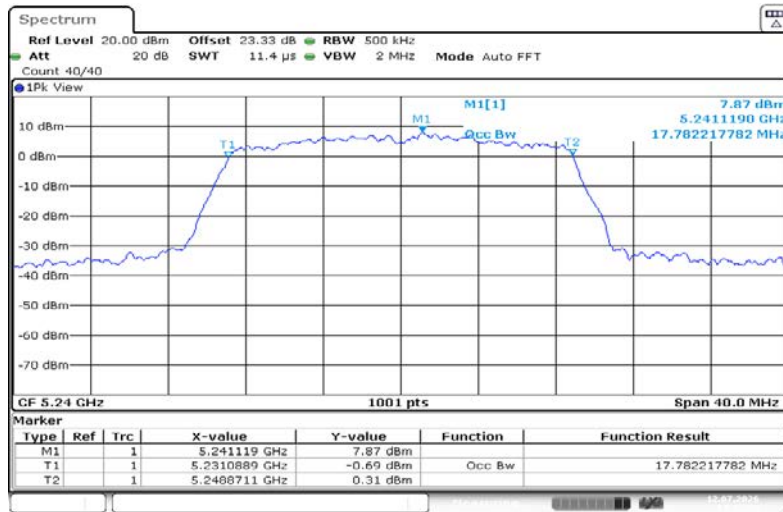
11N40SISO-Ant1-5795



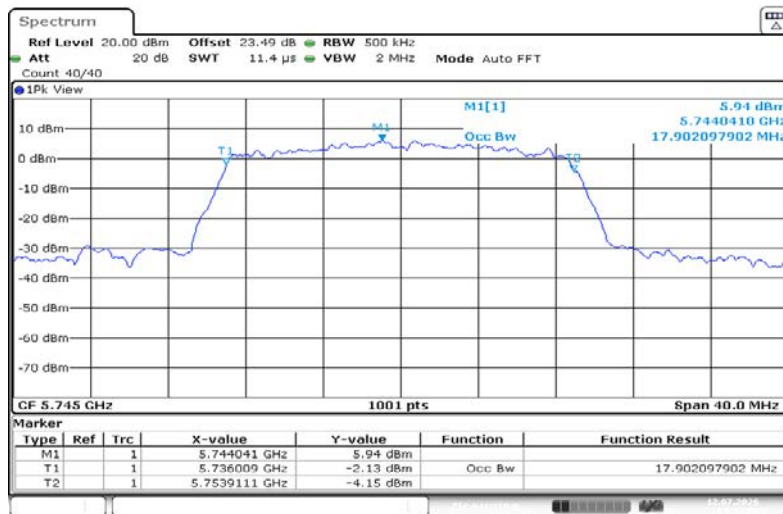
11AC20SISO-Ant1-5180



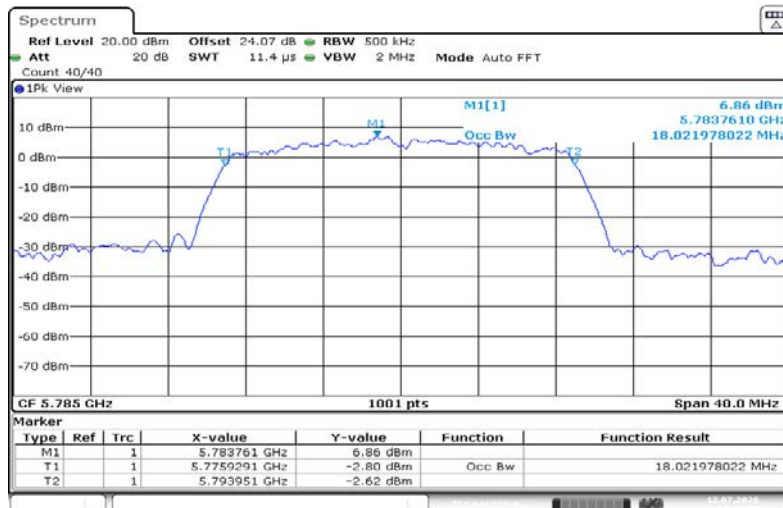
11AC20SISO-Ant1-5200



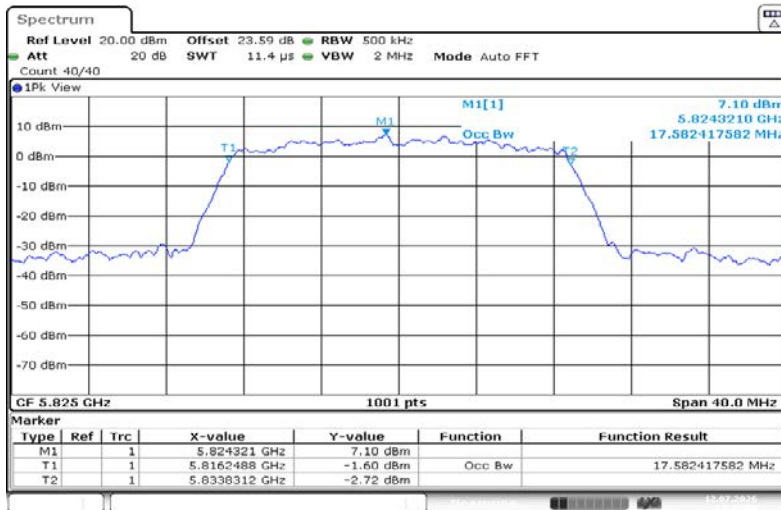
11AC20SISO-Ant1-5240



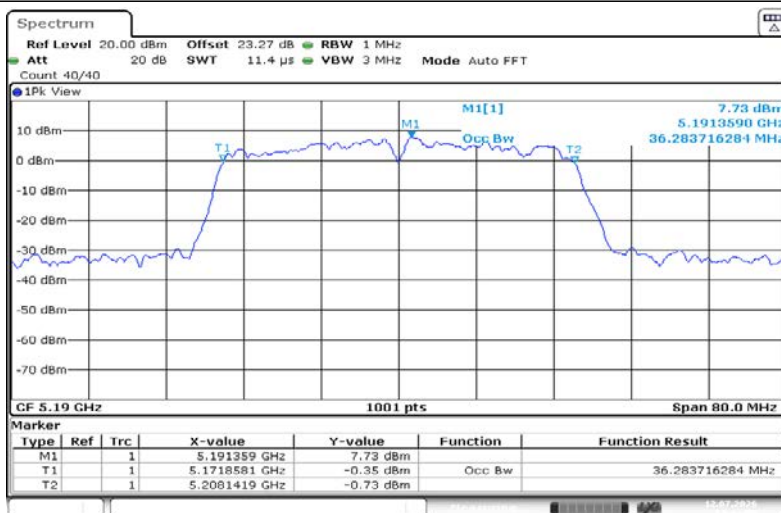
11AC20SISO-Ant1-5745



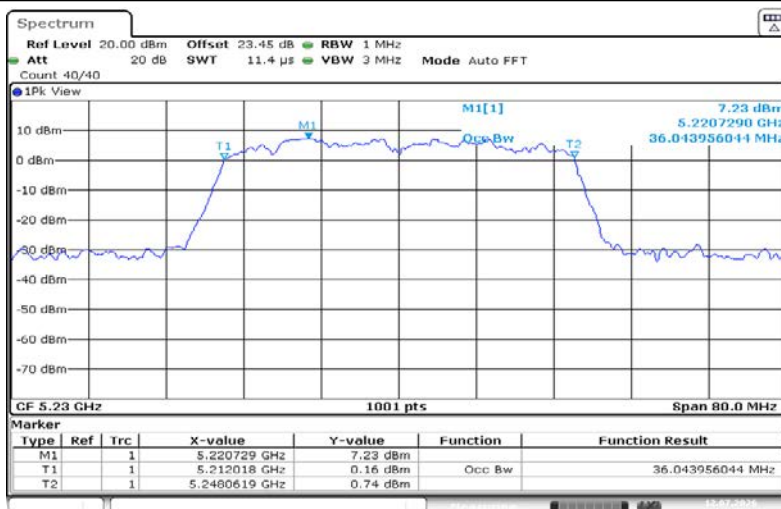
11AC20SISO-Ant1-5785



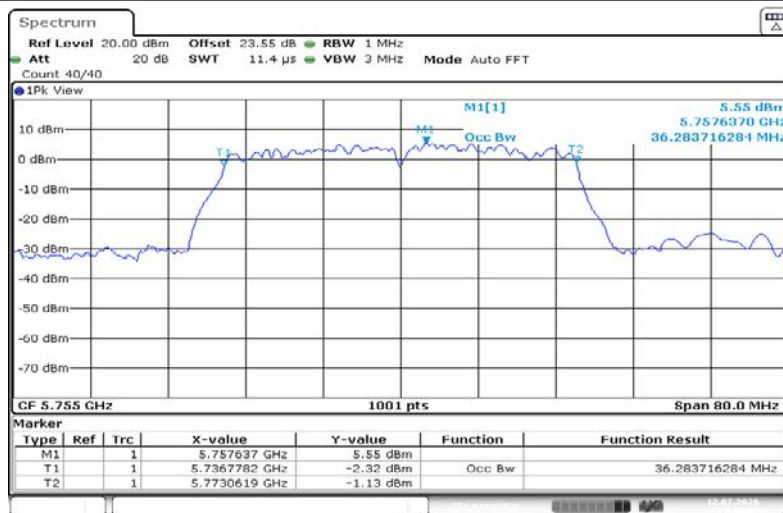
11AC20SISO-Ant1-5825



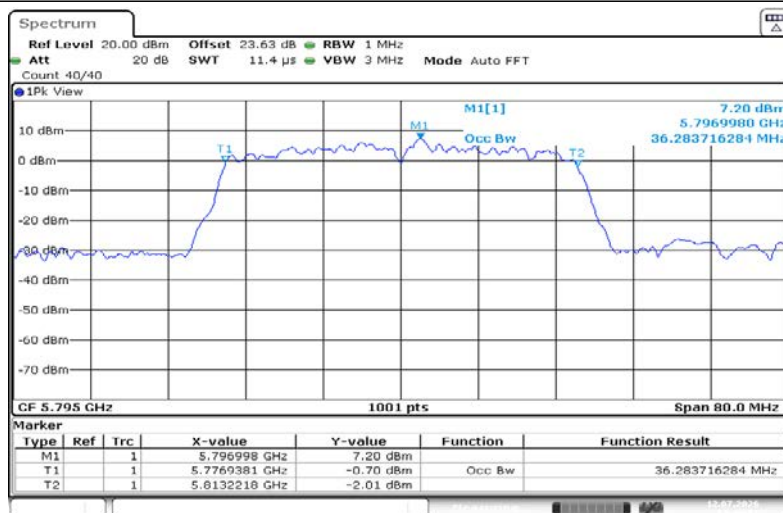
11AC40SISO-Ant1-5190



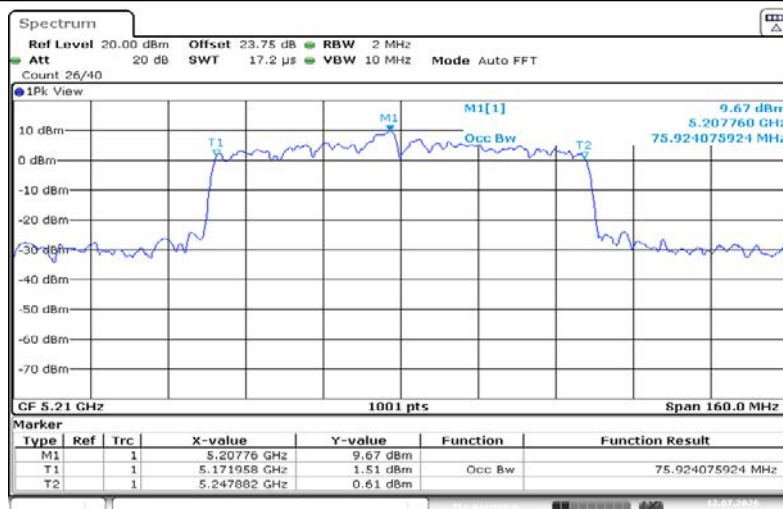
11AC40SISO-Ant1-5230



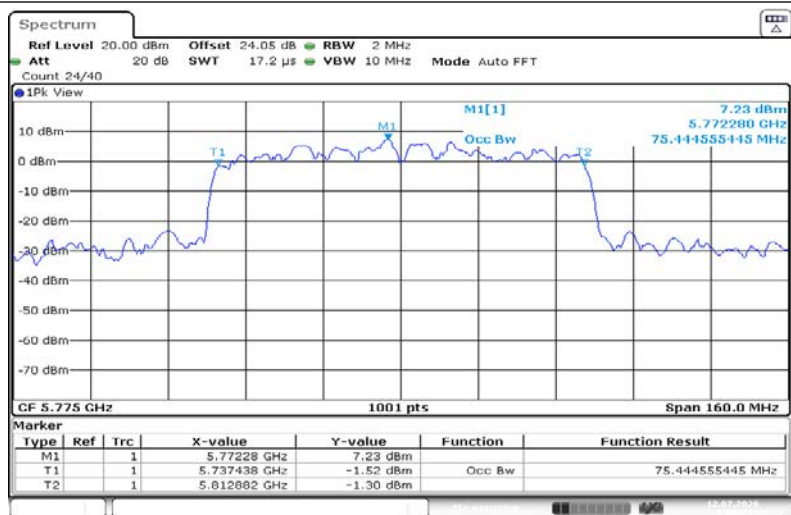
11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



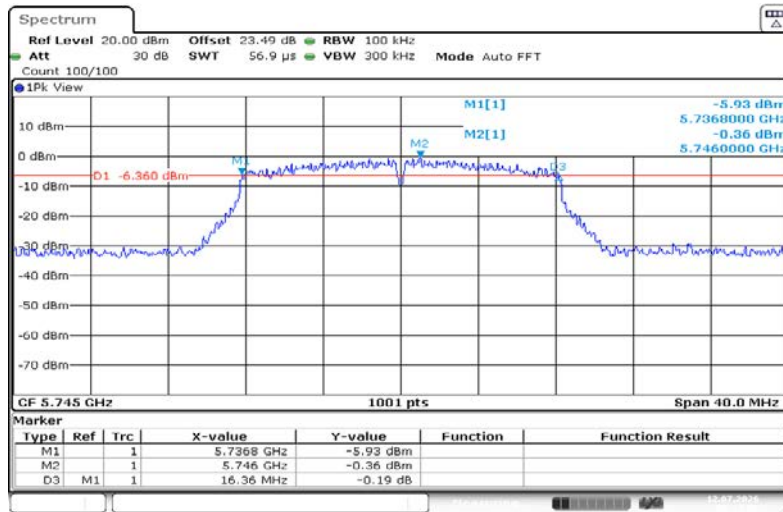
11AC80SISO-Ant1-5210



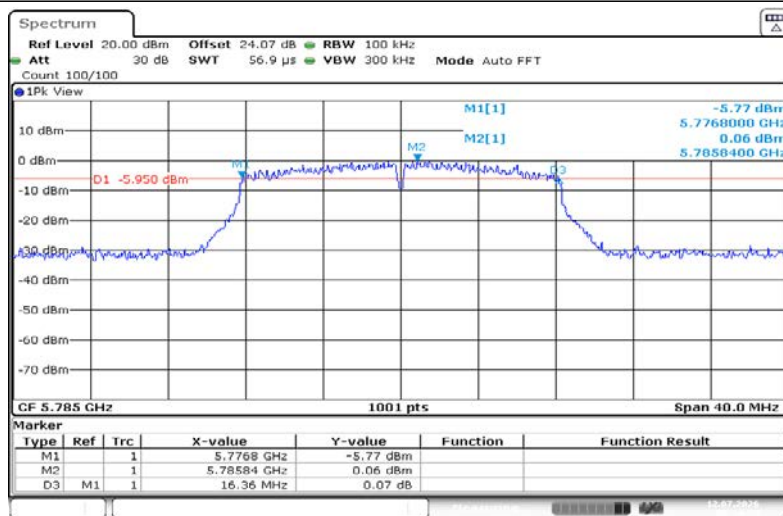
11AC80SISO-Ant1-5775

Min emission bandwidth(Band 4)

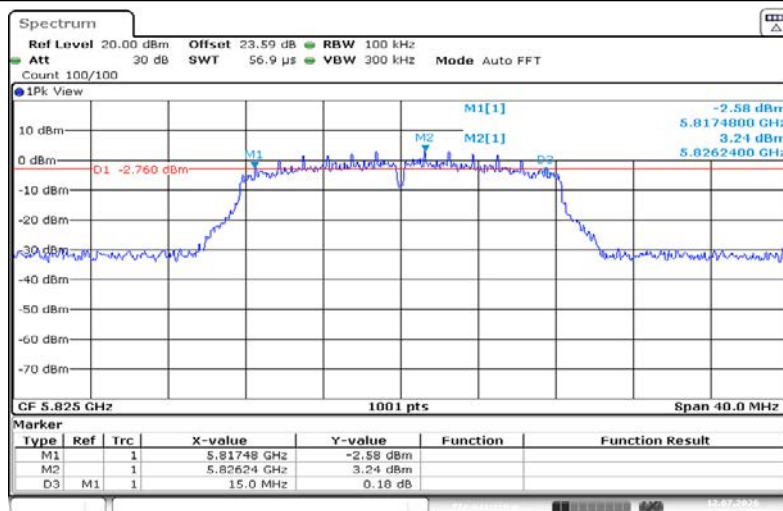
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
11A	Ant1	5785	16.36	5776.80	5793.16	0.5	PASS
11A	Ant1	5825	15.00	5817.48	5832.48	0.5	PASS
11N20SISO	Ant1	5745	15.08	5737.48	5752.56	0.5	PASS
11N20SISO	Ant1	5785	15.08	5777.48	5792.56	0.5	PASS
11N20SISO	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
11N40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
11N40SISO	Ant1	5795	31.76	5780.84	5812.60	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
11AC20SISO	Ant1	5785	17.32	5776.44	5793.76	0.5	PASS
11AC20SISO	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	28.96	5738.68	5767.64	0.5	PASS
11AC40SISO	Ant1	5795	32.56	5779.96	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS



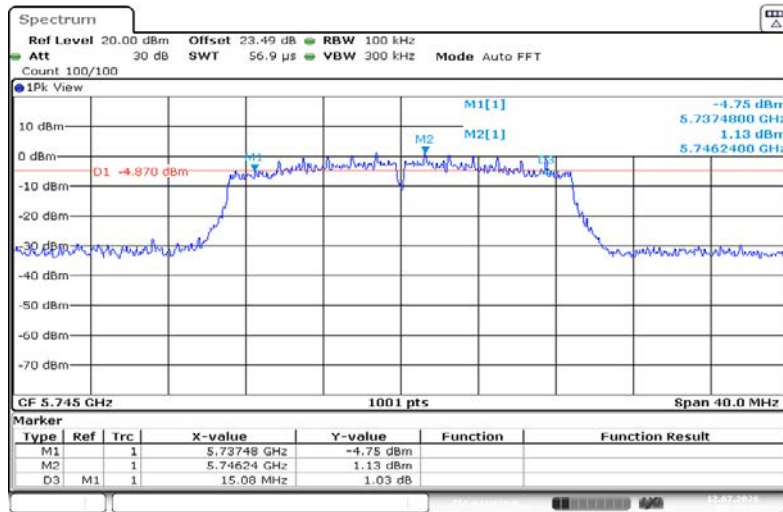
11A-Ant1-5745-PASS



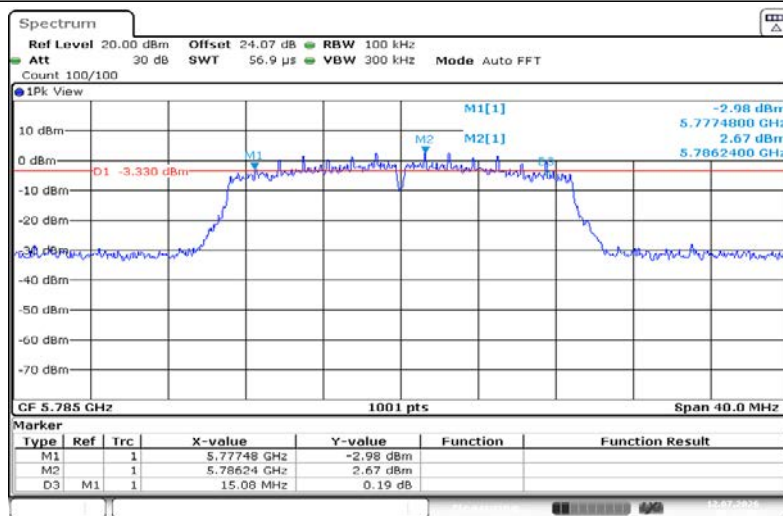
11A-Ant1-5785-PASS



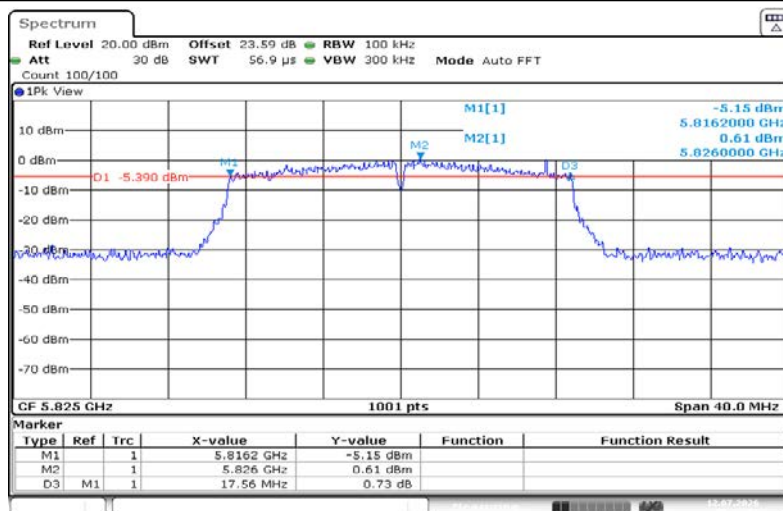
11A-Ant1-5825-PASS



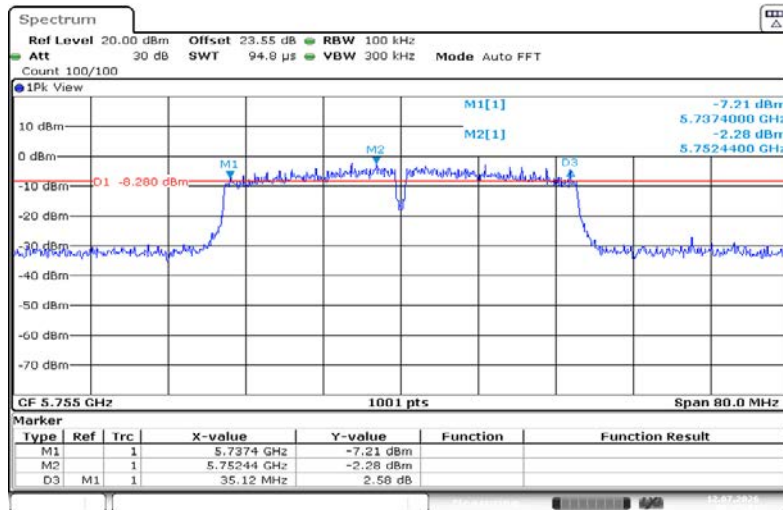
11N20SISO-Ant1-5745-PASS



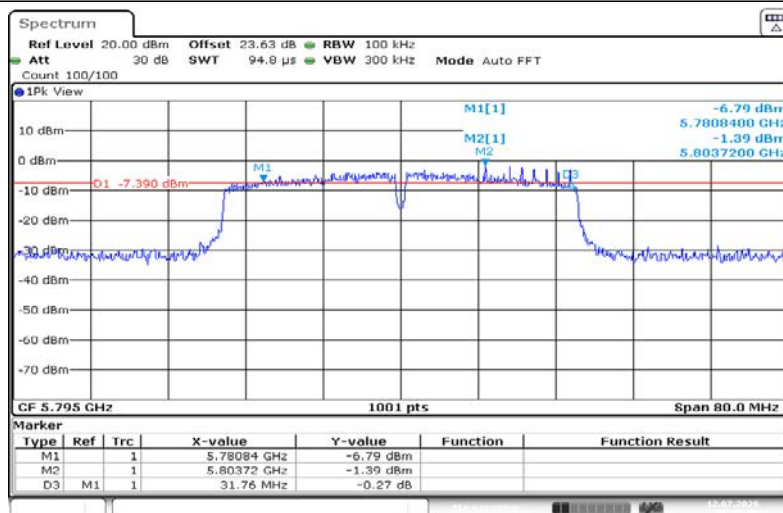
11N20SISO-Ant1-5785-PASS



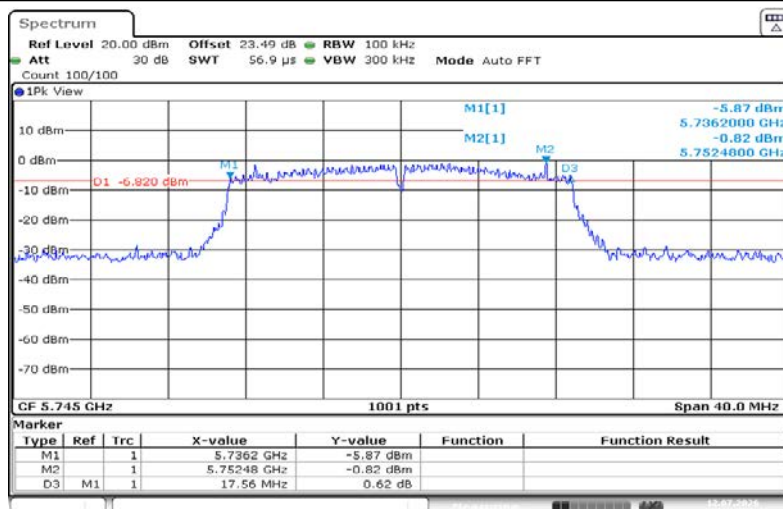
11N20SISO-Ant1-5825-PASS



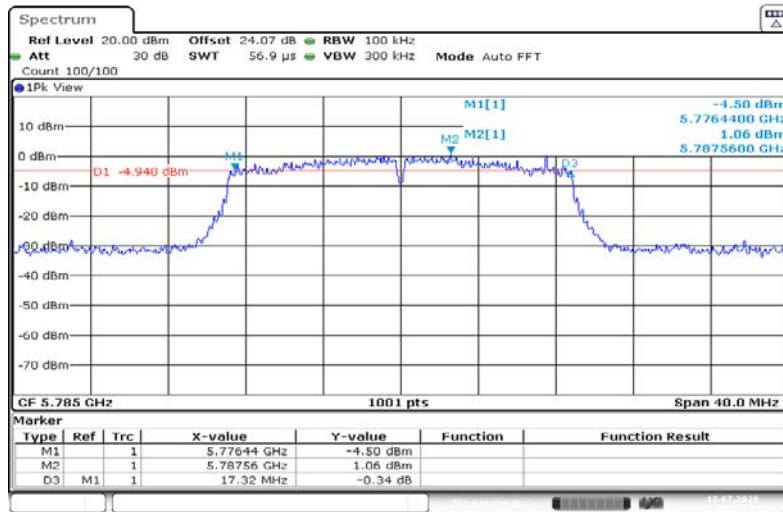
11N40SISO-Ant1-5755-PASS



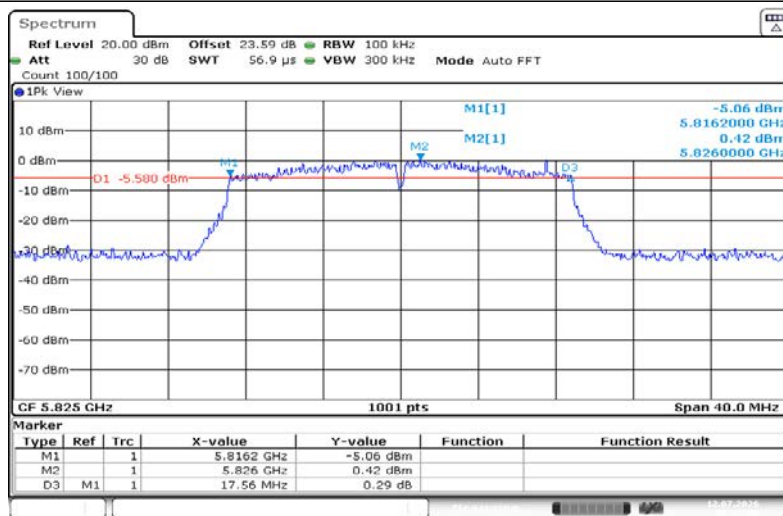
11N40SISO-Ant1-5795-PASS



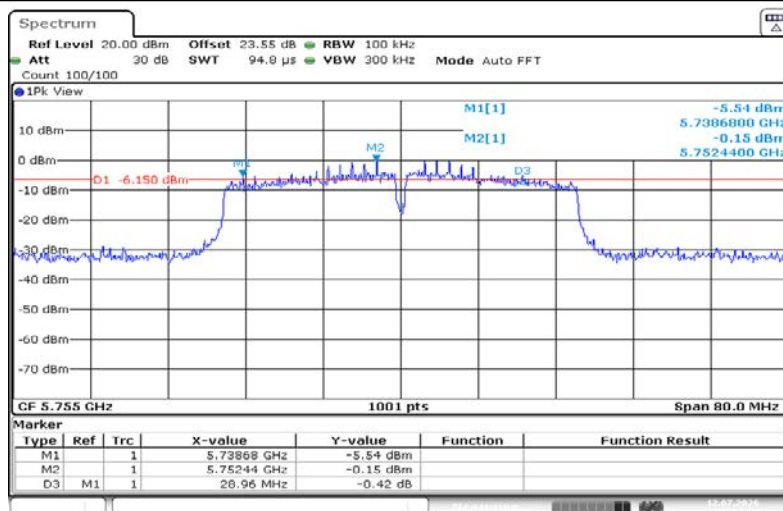
11AC20SISO-Ant1-5745-PASS



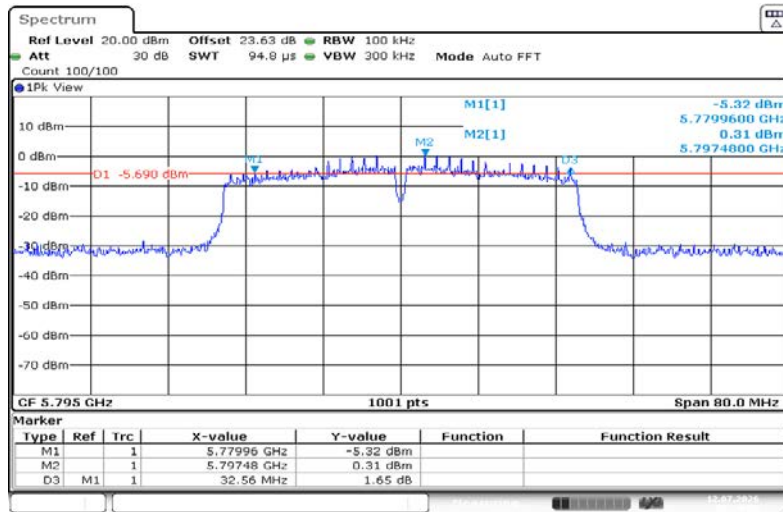
11AC20SISO-Ant1-5785-PASS



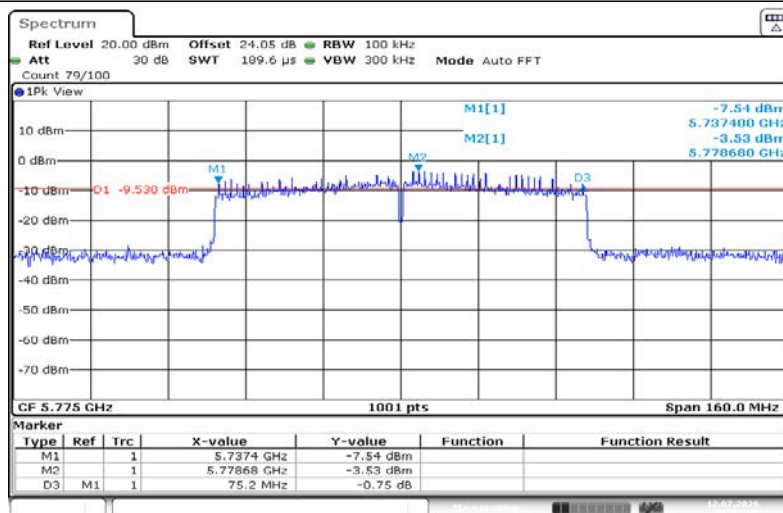
11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS

3.4 Conducted Output Power

3.4.1 Limit

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

Note:

- a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

3.4.2 Test Procedure

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

- a) The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b) Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.4.3 Test Setup



3.4.4 Table of Parameters of Text Software Setting

UNII-1			
Test Software			
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
Frequency (MHz)	5190	5230	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
Frequency (MHz)	5210		
IEEE 802.11ac80	Default		

UNII-3			
Test Software			
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
Frequency (MHz)	5755	5795	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
Frequency (MHz)	5775		
IEEE 802.11ac80	Default		

3.4.5 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.97	≤23.98	PASS
11A	Ant1	5200	14.37	≤23.98	PASS
11A	Ant1	5240	14.35	≤23.98	PASS
11A	Ant1	5745	12.71	≤30.00	PASS
11A	Ant1	5785	13.50	≤30.00	PASS
11A	Ant1	5825	13.85	≤30.00	PASS
11N20SISO	Ant1	5180	13.98	≤23.98	PASS
11N20SISO	Ant1	5200	14.19	≤23.98	PASS
11N20SISO	Ant1	5240	14.19	≤23.98	PASS
11N20SISO	Ant1	5745	12.70	≤30.00	PASS
11N20SISO	Ant1	5785	13.26	≤30.00	PASS
11N20SISO	Ant1	5825	13.63	≤30.00	PASS
11N40SISO	Ant1	5190	14.13	≤23.98	PASS
11N40SISO	Ant1	5230	14.39	≤23.98	PASS
11N40SISO	Ant1	5755	13.57	≤30.00	PASS
11N40SISO	Ant1	5795	13.74	≤30.00	PASS
11AC20SISO	Ant1	5180	13.99	≤23.98	PASS
11AC20SISO	Ant1	5200	14.19	≤23.98	PASS
11AC20SISO	Ant1	5240	14.70	≤23.98	PASS
11AC20SISO	Ant1	5745	13.18	≤30.00	PASS
11AC20SISO	Ant1	5785	13.89	≤30.00	PASS
11AC20SISO	Ant1	5825	13.74	≤30.00	PASS
11AC40SISO	Ant1	5190	14.15	≤23.98	PASS
11AC40SISO	Ant1	5230	14.86	≤23.98	PASS
11AC40SISO	Ant1	5755	13.14	≤30.00	PASS
11AC40SISO	Ant1	5795	13.31	≤30.00	PASS
11AC80SISO	Ant1	5210	14.54	≤23.98	PASS
11AC80SISO	Ant1	5775	13.50	≤30.00	PASS

Note: The duty cycle factor and line loss are compensated in the average conducted output power.

3.5 Power Spectral Density

3.5.1 Limit

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

Note:

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

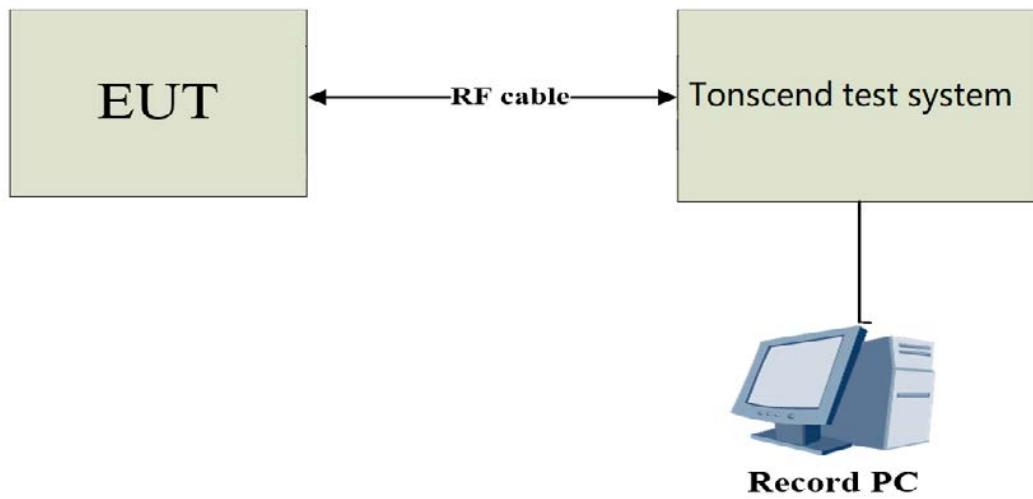
3.5.2 Test Procedure

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

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

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

3.5.3 Test Setup



3.5.4 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.28	≤11.00	PASS
11A	Ant1	5200	4.79	≤11.00	PASS
11A	Ant1	5240	4.44	≤11.00	PASS
11N20SISO	Ant1	5180	3.22	≤11.00	PASS
11N20SISO	Ant1	5200	4.10	≤11.00	PASS
11N20SISO	Ant1	5240	4.45	≤11.00	PASS
11N40SISO	Ant1	5190	0.85	≤11.00	PASS
11N40SISO	Ant1	5230	1.11	≤11.00	PASS
11AC20SISO	Ant1	5180	3.02	≤11.00	PASS
11AC20SISO	Ant1	5200	4.02	≤11.00	PASS
11AC20SISO	Ant1	5240	3.72	≤11.00	PASS
11AC40SISO	Ant1	5190	1.03	≤11.00	PASS
11AC40SISO	Ant1	5230	1.08	≤11.00	PASS
11AC80SISO	Ant1	5210	-2.07	≤11.00	PASS

Test Mode	Antenna	Frequency[MHz]	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	0.05	≤30.00	PASS
11A	Ant1	5785	0.88	≤30.00	PASS
11A	Ant1	5825	1.11	≤30.00	PASS
11N20SISO	Ant1	5745	-1.01	≤30.00	PASS
11N20SISO	Ant1	5785	0.32	≤30.00	PASS
11N20SISO	Ant1	5825	1.03	≤30.00	PASS
11N40SISO	Ant1	5755	-2.93	≤30.00	PASS
11N40SISO	Ant1	5795	-3.09	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.55	≤30.00	PASS
11AC20SISO	Ant1	5785	0.57	≤30.00	PASS
11AC20SISO	Ant1	5825	0.72	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.04	≤30.00	PASS
11AC40SISO	Ant1	5795	-3.37	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.68	≤30.00	PASS

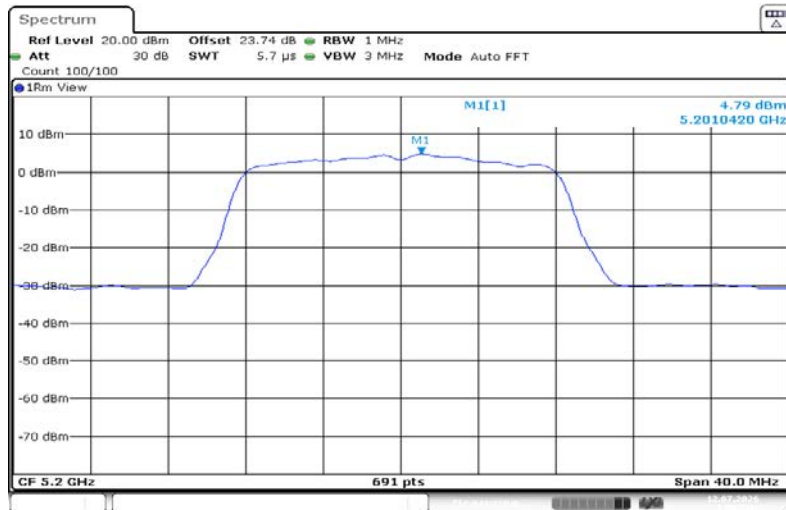
Note: The Duty Cycle Factor and line loss are compensated in the test system

For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/300 kHz) to the measured result, i.e. 2.22 dB.

During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, offset=cable loss+duty cycle factor+10log(500kHz/300kHz).



11A-Ant1-5180-PASS



11A-Ant1-5200-PASS



11A-Ant1-5240-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



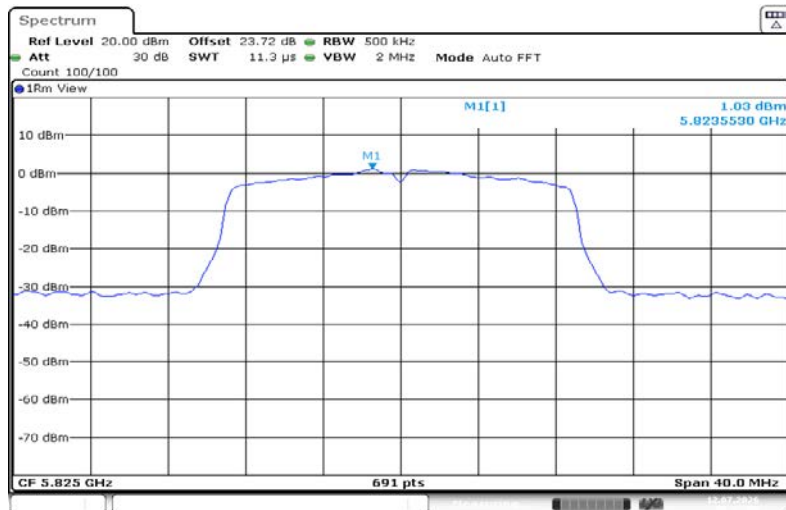
11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5745-PASS



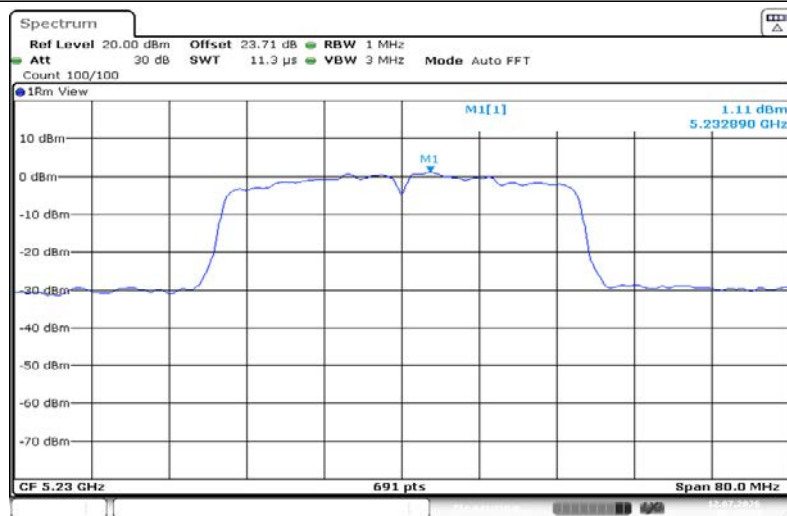
11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



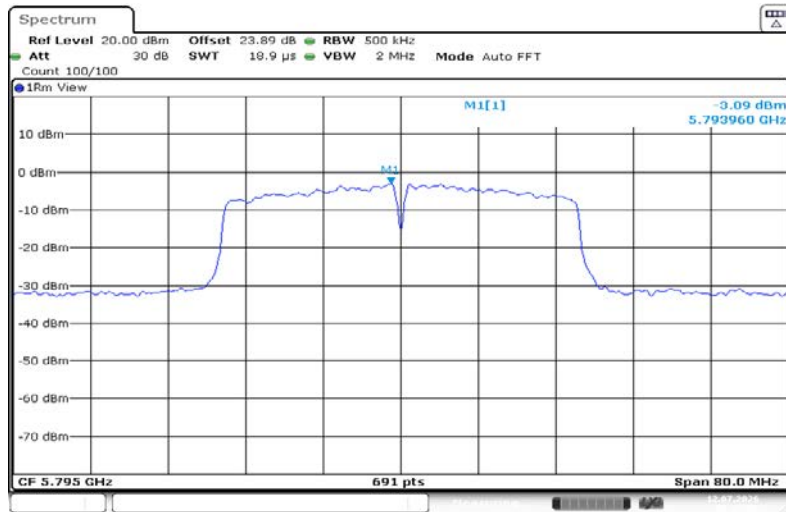
11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5745-PASS



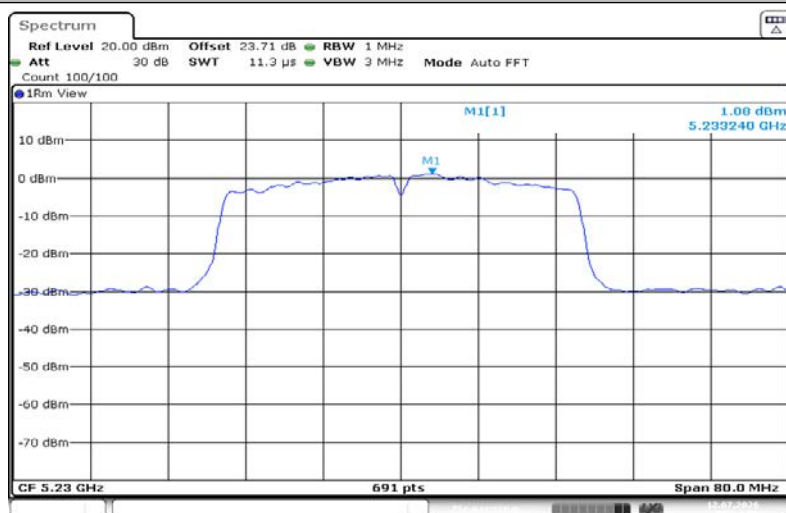
11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



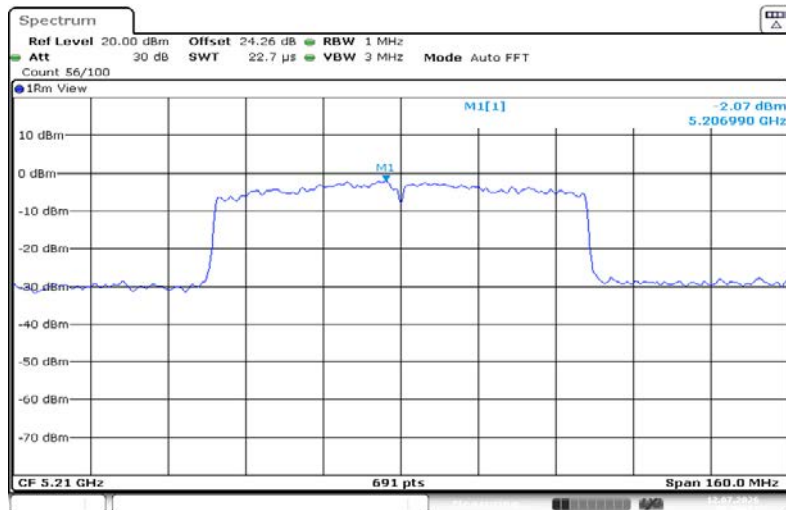
11AC40SISO-Ant1-5230-PASS



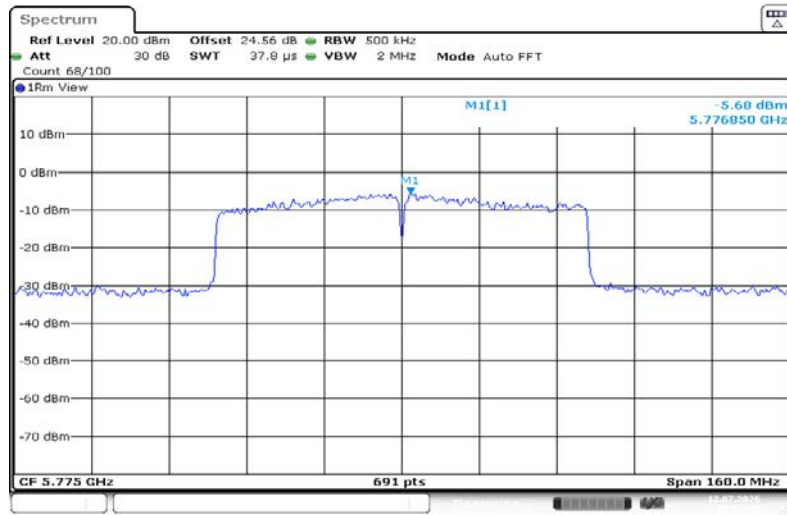
11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5775-PASS

Statement

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

Shenzhen Haiyun Standard Technical Co., Ltd.

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

(END OF REPORT)