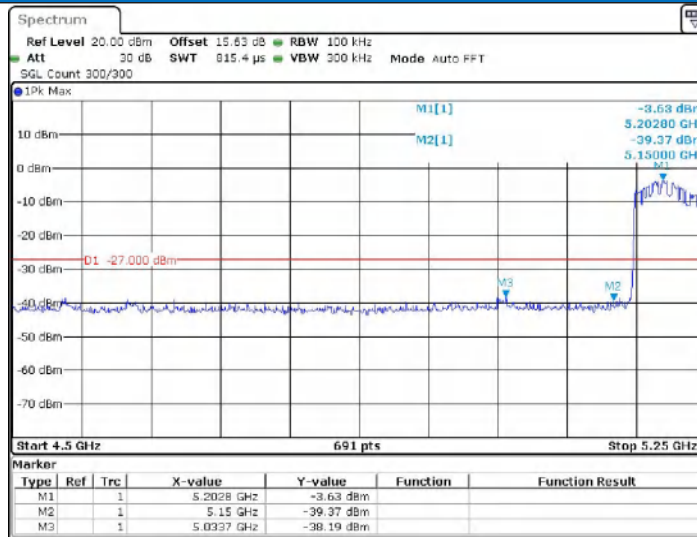
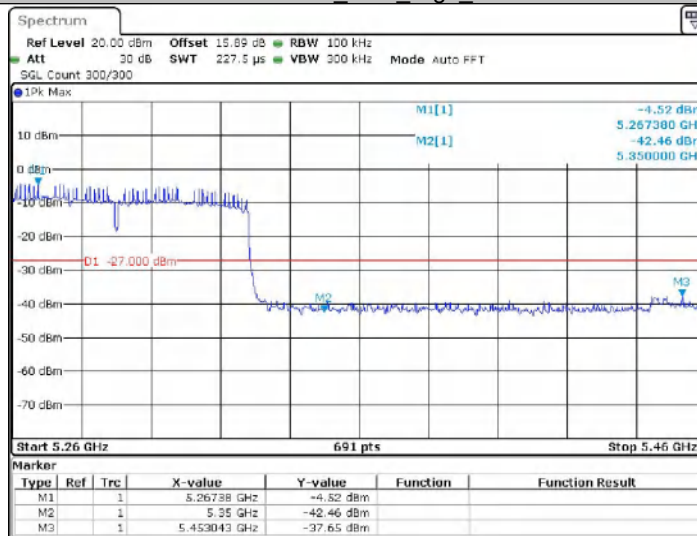




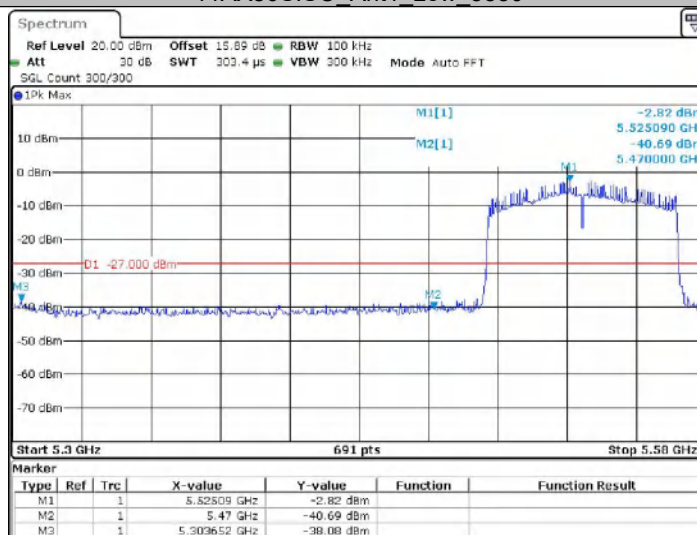
Date: 26 FEB 2026 17:15:34

11AX80SISO_Ant1_High_5290



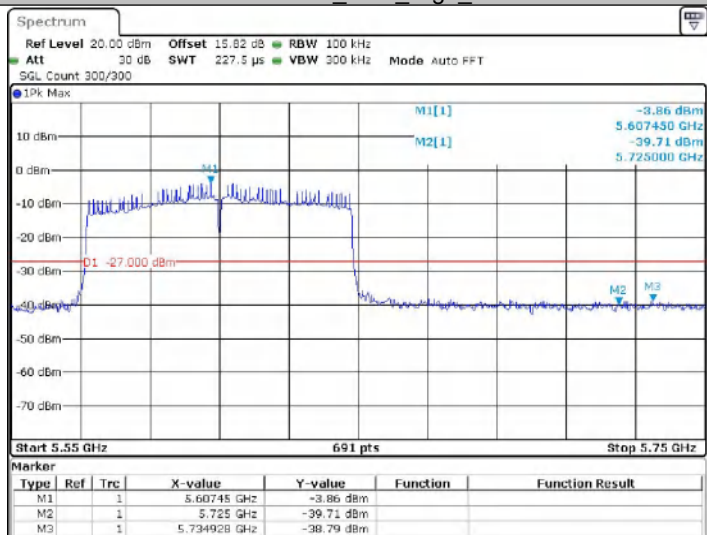
Date: 26 FEB 2026 17:17:55

11AX80SISO_Ant1_Low_5530



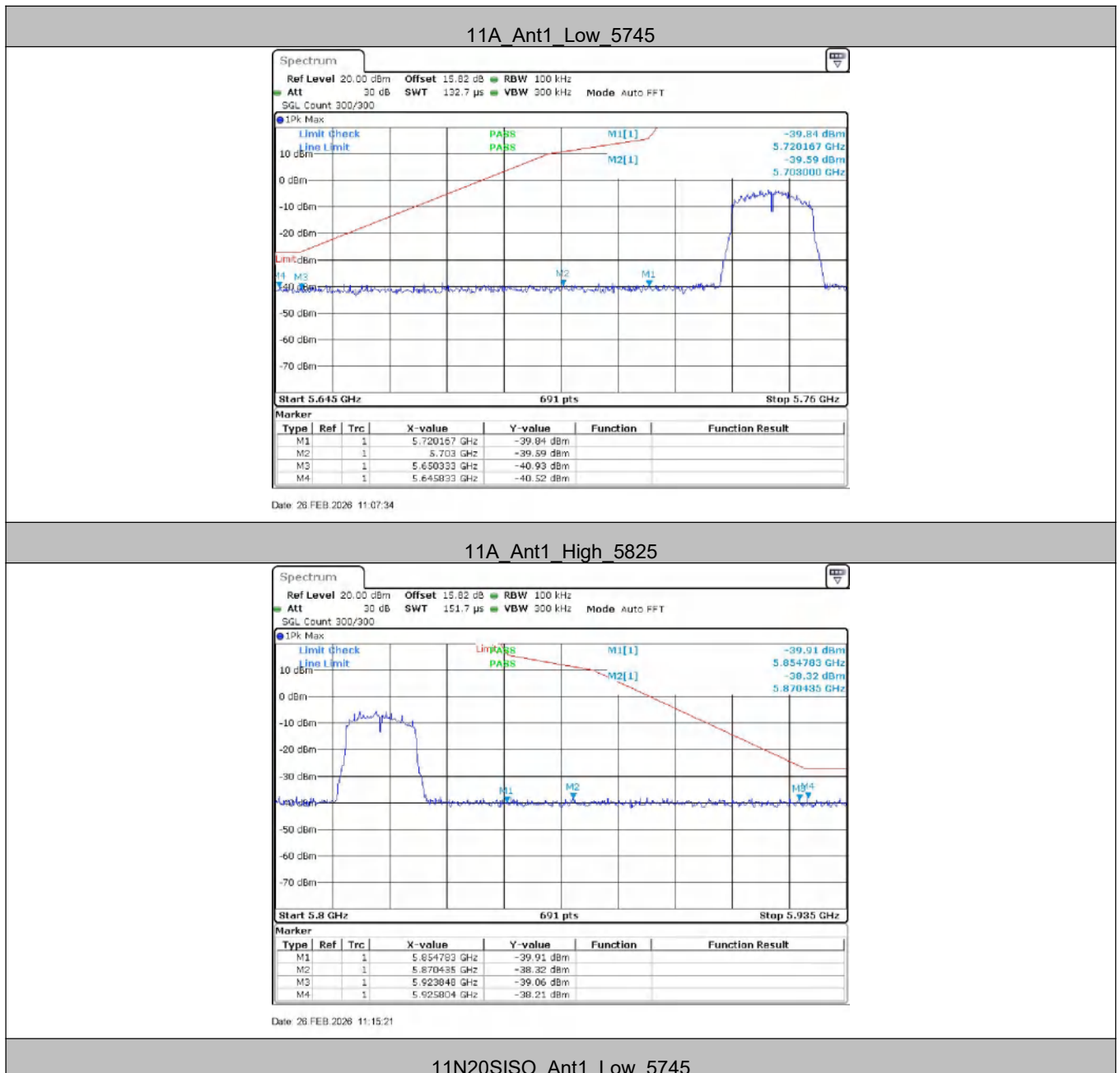
Date: 26 FEB 2026 17:20:27

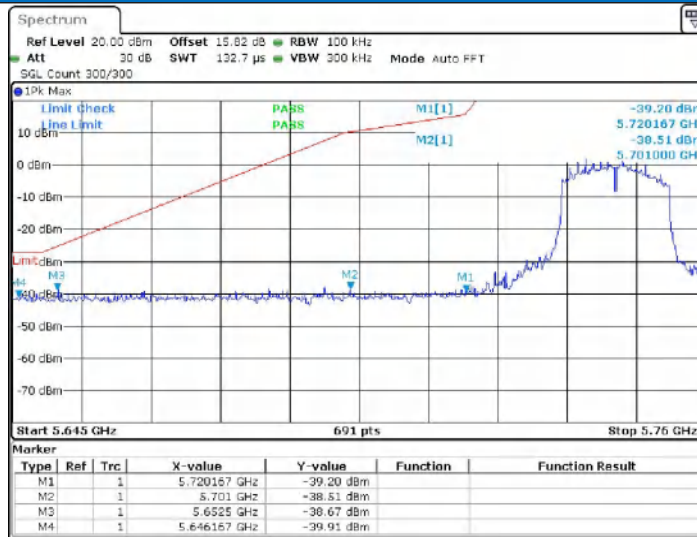
11AX80SISO_Ant1_High_5610



Date: 26 FEB 2026 17:27:02

7.1.4 Test Graphs B4





Date: 26 FEB 2026 13:53:26

11N20ISO_Ant1_High_5825



Date: 26 FEB 2026 14:22:06

11N40ISO_Ant1_Low_5755



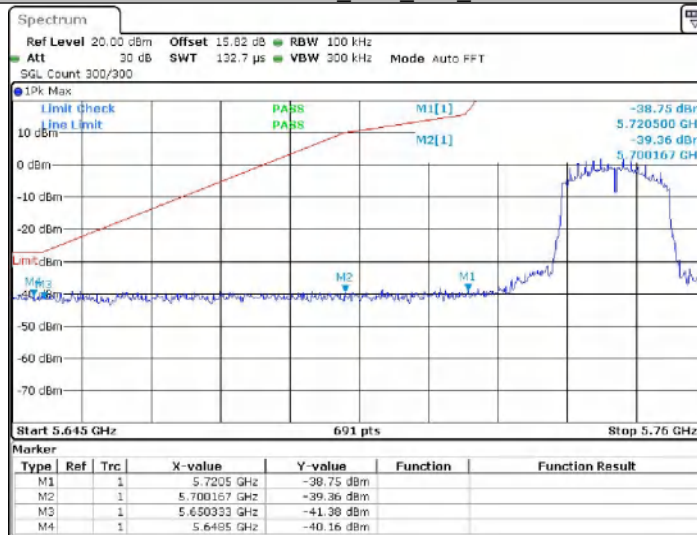
Date: 26 FEB 2026 14:44:20

11N40SISO_Ant1_High_5795



Date: 26 FEB 2026 14:47:03

11AC20SISO_Ant1_Low_5745



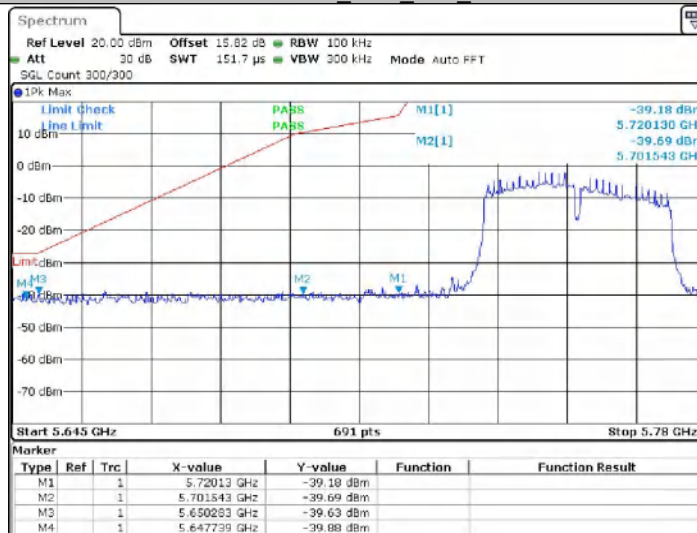
Date: 26 FEB 2026 15:41:48

11AC20SISO_Ant1_High_5825



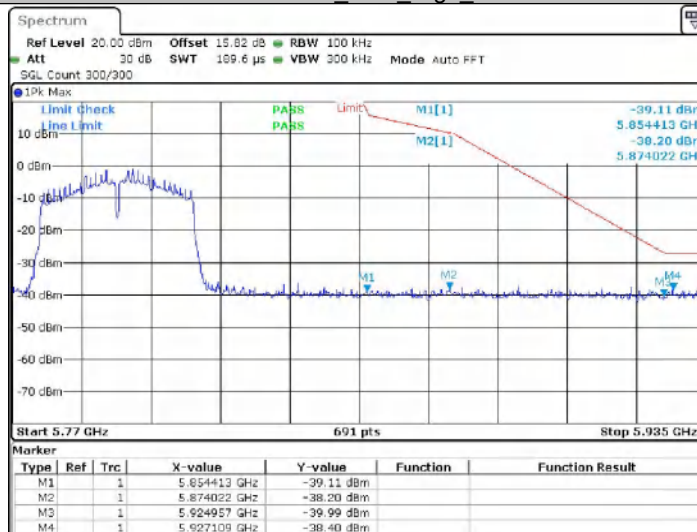
Date: 26 FEB 2026 15:59:42

11AC40SISO_Ant1_Low 5755



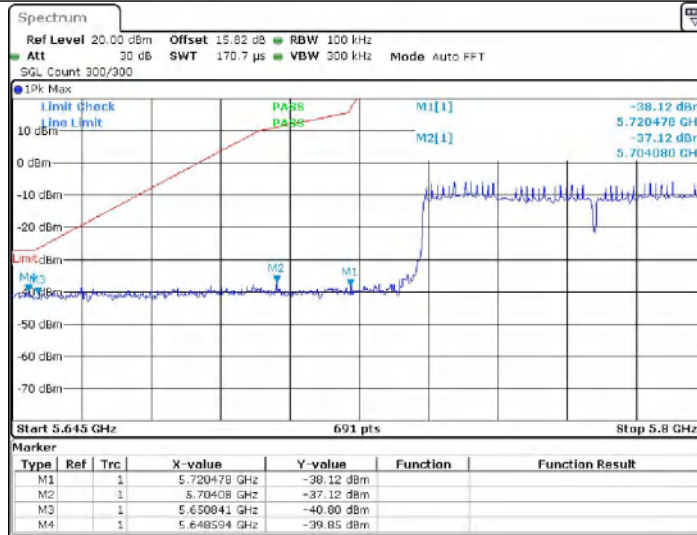
Date: 26 FEB 2026 16:18:07

11AC40SISO_Ant1_High 5795



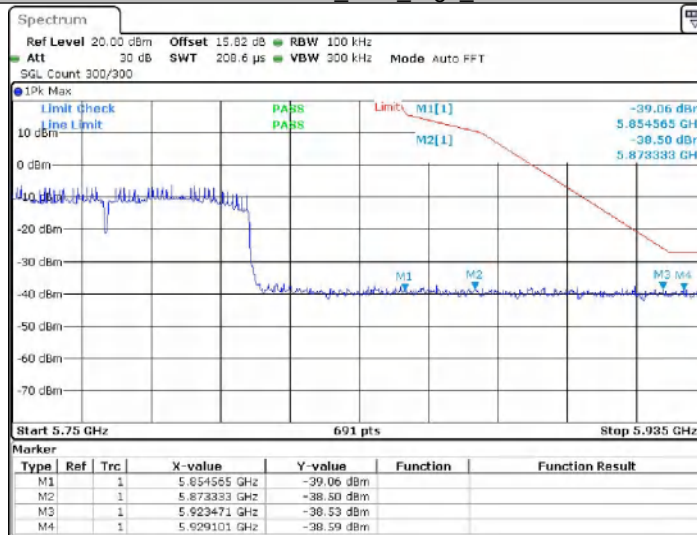
Date: 26 FEB 2026 16:19:59

11AC80SISO_Ant1_Low_5775



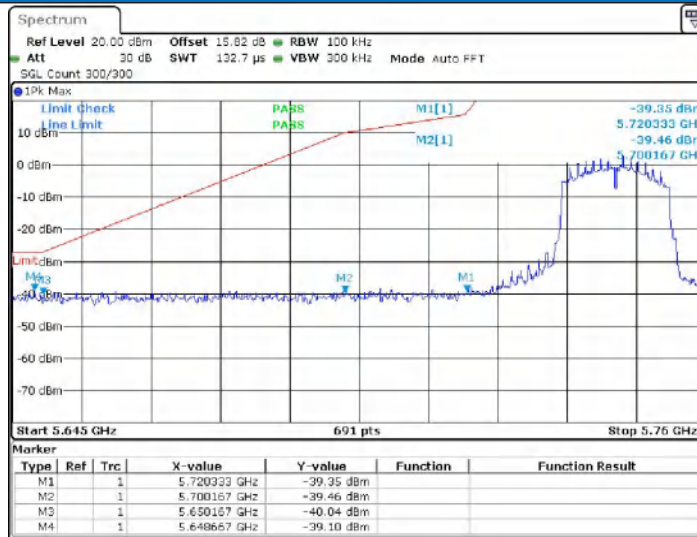
Date: 26 FEB 2026 16:33:19

11AC80SISO_Ant1_High_5775



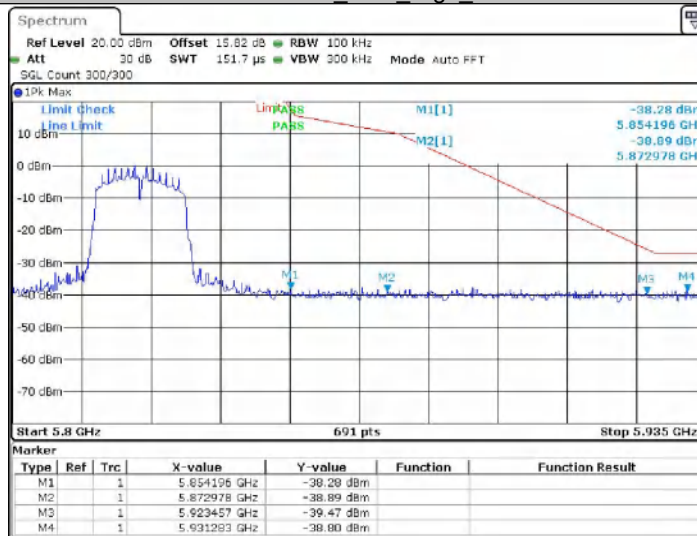
Date: 26 FEB 2026 16:33:33

11AX20SISO_Ant1_Low_5745



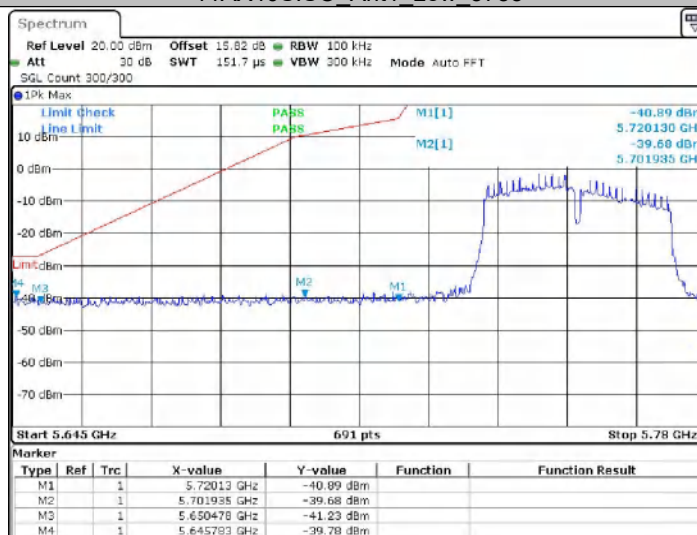
Date: 26 FEB 2026 16:51:50

11AX20SISO_Ant1_High_5825



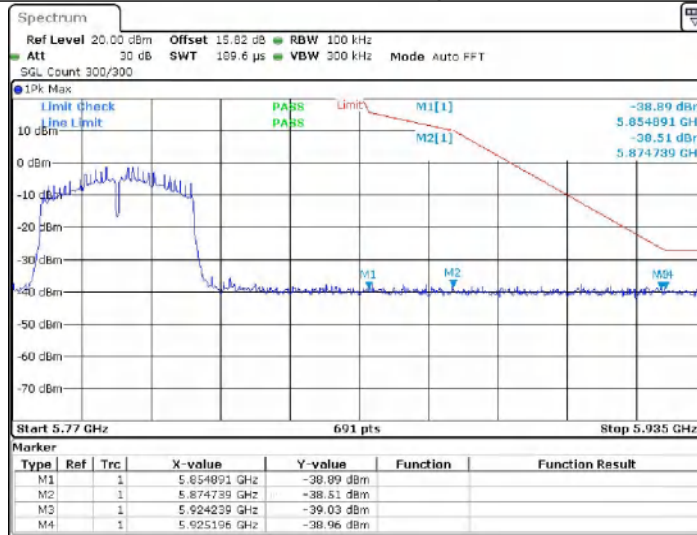
Date: 26 FEB 2026 16:54:41

11AX40SISO_Ant1_Low_5755



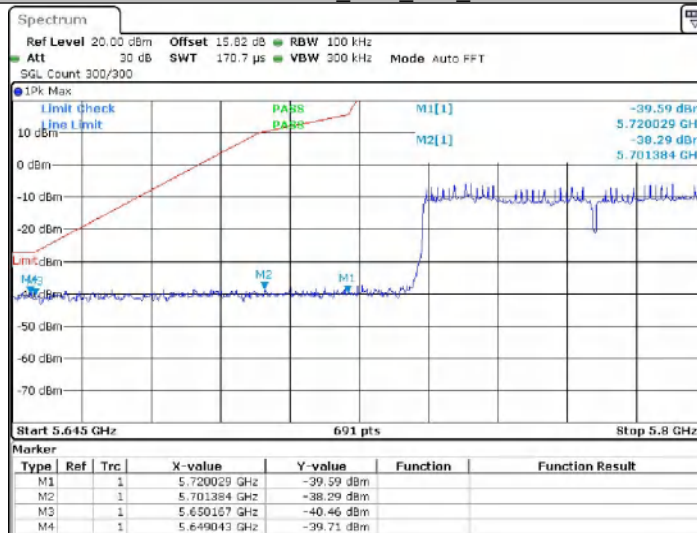
Date: 26 FEB 2026 17:08:02

11AX40SISO_Ant1_High_5795



Date: 26 FEB 2026 17:11:27

11AX80SISO_Ant1_Low_5775



Date: 26 FEB 2026 17:28:36

11AX80SISO_Ant1_High_5775



Date: 26 FEB 2026 17:28:50

Ant2:

7.1.5 Test Result B1/2/3

TestMode	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Low	5180	-38.29	≤-27	PASS
	High	5320	-37.77	≤-27	PASS
	Low	5500	-38.18	≤-27	PASS
	High	5700	-38.82	≤-27	PASS
11N20SISO	Low	5180	-36.69	≤-27	PASS
	High	5320	-38.73	≤-27	PASS
	Low	5500	-36.98	≤-27	PASS
	High	5700	-36.67	≤-27	PASS
11N40SISO	Low	5190	-37.88	≤-27	PASS
	High	5310	-37.62	≤-27	PASS
	Low	5510	-37.62	≤-27	PASS
	High	5670	-38.09	≤-27	PASS
11AC20SISO	Low	5180	-37.85	≤-27	PASS
	High	5320	-37.85	≤-27	PASS
	Low	5500	-38.43	≤-27	PASS
	High	5700	-38.46	≤-27	PASS
11AC40SISO	Low	5190	-38.62	≤-27	PASS
	High	5310	-37.57	≤-27	PASS
	Low	5510	-38.18	≤-27	PASS
	High	5670	-37.71	≤-27	PASS
11AC80SISO	Low	5210	-38.72	≤-27	PASS
	High	5290	-38.08	≤-27	PASS
	Low	5530	-37.81	≤-27	PASS
	High	5610	-38.4	≤-27	PASS
11AX20SISO	Low	5180	-38.05	≤-27	PASS
	High	5320	-38.92	≤-27	PASS
	Low	5500	-38.3	≤-27	PASS
	High	5700	-36.88	≤-27	PASS
11AX40SISO	Low	5190	-37.97	≤-27	PASS
	High	5310	-38.04	≤-27	PASS
	Low	5510	-38.28	≤-27	PASS
	High	5670	-38.87	≤-27	PASS
11AX80SISO	Low	5210	-37.45	≤-27	PASS

	High	5290	-38.09	≤-27	PASS
	Low	5530	-38.14	≤-27	PASS
	High	5610	-39	≤-27	PASS

7.1.6 Test Result B4

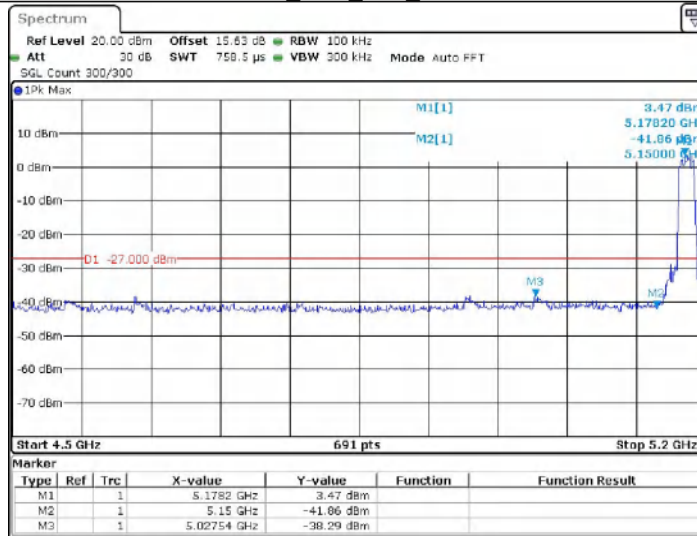
TestMode	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Low	5745	5650~5700	-40.21	≤-26.88	PASS
			5700~5720	-38.93	≤10.79	PASS
			5720~5725	-39.97	≤15.98	PASS
			5760~5650	-39.2	≤-27	PASS
	High	5825	5850~5855	-38.78	≤15.65	PASS
			5855~5875	-37.45	≤10.02	PASS
			5875~5925	-39.17	≤-26.29	PASS
			5925~5935	-38.85	≤-27	PASS
11N20SISO	Low	5745	5650~5700	-39.81	≤-26.63	PASS
			5700~5720	-40.42	≤10.14	PASS
			5720~5725	-39.33	≤17.50	PASS
			5760~5650	-40.03	≤-27	PASS
	High	5825	5850~5855	-38.76	≤16.54	PASS
			5855~5875	-37.91	≤10.24	PASS
			5875~5925	-39.28	≤-26.29	PASS
			5925~5935	-38.18	≤-27	PASS
11N40SISO	Low	5755	5650~5700	-40.97	≤-26.79	PASS
			5700~5720	-37.95	≤11.86	PASS
			5720~5725	-36.08	≤17.68	PASS
			5780~5650	-39.84	≤-27	PASS
	High	5795	5850~5855	-39.42	≤15.85	PASS
			5855~5875	-38.07	≤10.41	PASS
			5875~5925	-39.21	≤-26.79	PASS
			5925~5935	-38.7	≤-27	PASS
11AC20SISO	Low	5745	5650~5700	-41.02	≤-26.88	PASS
			5700~5720	-40.39	≤10.09	PASS
			5720~5725	-40.11	≤15.98	PASS
			5760~5650	-38.48	≤-27	PASS
	High	5825	5850~5855	-39.67	≤16.54	PASS
			5855~5875	-37.37	≤11.88	PASS

			5875~5925	-39.73	≤ -26.58	PASS
			5925~5935	-38.2	≤ -27	PASS
11AC40SIS O	Low	5755	5650~5700	-39.86	≤ -26.65	PASS
			5700~5720	-39.45	≤ 10.16	PASS
			5720~5725	-40.18	≤ 15.90	PASS
			5780~5650	-40.21	≤ -27	PASS
	High	5795	5850~5855	-38.43	≤ 15.85	PASS
			5855~5875	-37.55	≤ 11.14	PASS
			5875~5925	-39.29	≤ -26.61	PASS
			5925~5935	-38.8	≤ -27	PASS
11AC80SIS O	Low	5775	5650~5700	-41.1	≤ -26.54	PASS
			5700~5720	-39.14	≤ 10.07	PASS
			5720~5725	-38.27	≤ 15.67	PASS
			5800~5650	-39.41	≤ -27	PASS
	High	5775	5850~5855	-39.56	≤ 15.98	PASS
			5855~5875	-38.87	≤ 10.24	PASS
			5875~5925	-39.21	≤ -26.66	PASS
			5925~5935	-38.93	≤ -27	PASS
11AX20SIS O	Low	5745	5650~5700	-40.55	≤ -26.88	PASS
			5700~5720	-40.61	≤ 10.09	PASS
			5720~5725	-38.74	≤ 15.98	PASS
			5760~5650	-40.54	≤ -27	PASS
	High	5825	5850~5855	-39.18	≤ 15.65	PASS
			5855~5875	-38.45	≤ 10.18	PASS
			5875~5925	-38.85	≤ -26.44	PASS
			5925~5935	-37.3	≤ -27	PASS
11AX40SIS O	Low	5755	5650~5700	-40.36	≤ -26.50	PASS
			5700~5720	-39.36	≤ 10.05	PASS
			5720~5725	-40.3	≤ 15.90	PASS
			5780~5650	-39.18	≤ -27	PASS
	High	5795	5850~5855	-38.69	≤ 16.39	PASS
			5855~5875	-37.59	≤ 11.08	PASS
			5875~5925	-38.75	≤ -26.26	PASS
			5925~5935	-38.06	≤ -27	PASS
11AX80SIS O	Low	5775	5650~5700	-39.93	≤ -26.71	PASS
			5700~5720	-38.98	≤ 10.14	PASS
			5720~5725	-39.15	≤ 15.67	PASS

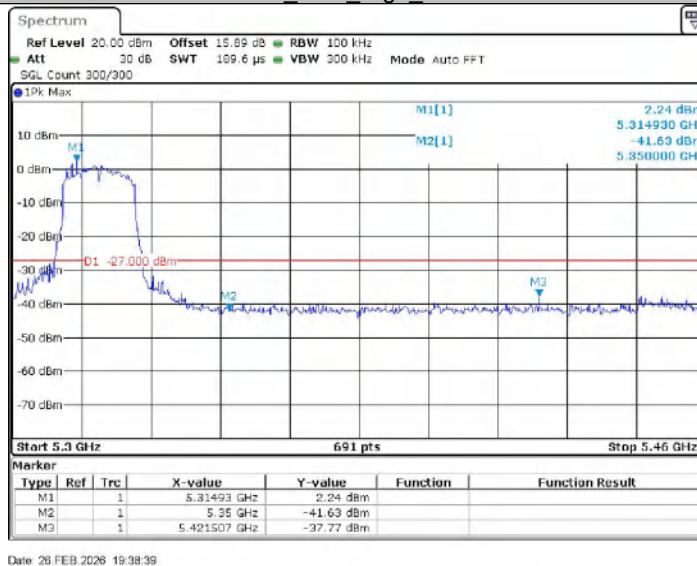
			5800~5650	-39.99	≤-27	PASS
	High	5775	5850~5855	-38.83	≤15.98	PASS
			5855~5875	-37.93	≤10.54	PASS
			5875~5925	-38.08	≤-25.67	PASS
			5925~5935	-38.29	≤-27	PASS

7.1.7 Test Graphs B1/2/3

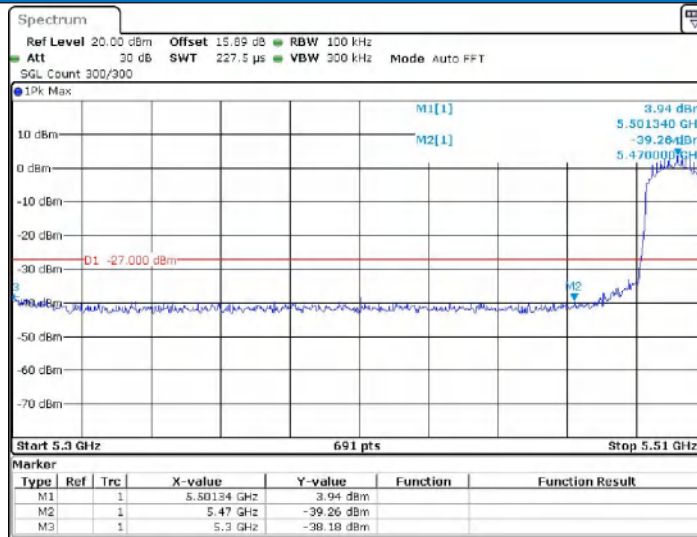
11A_Ant2_Low_5180



11A_Ant2_High_5320

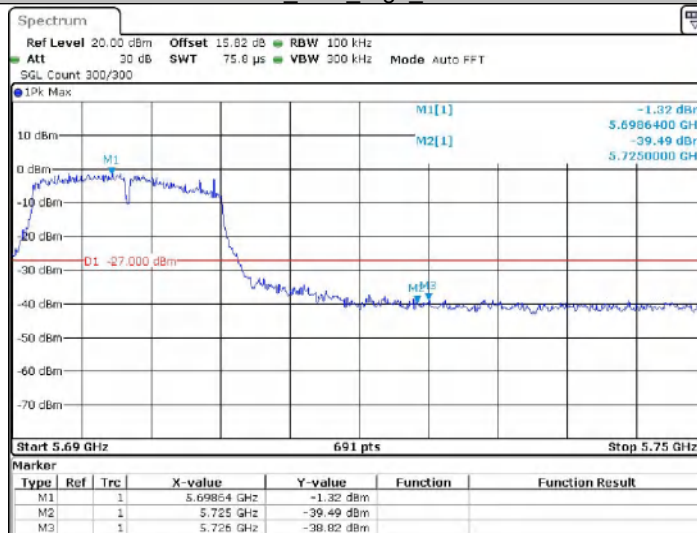


11A_Ant2_Low_5500



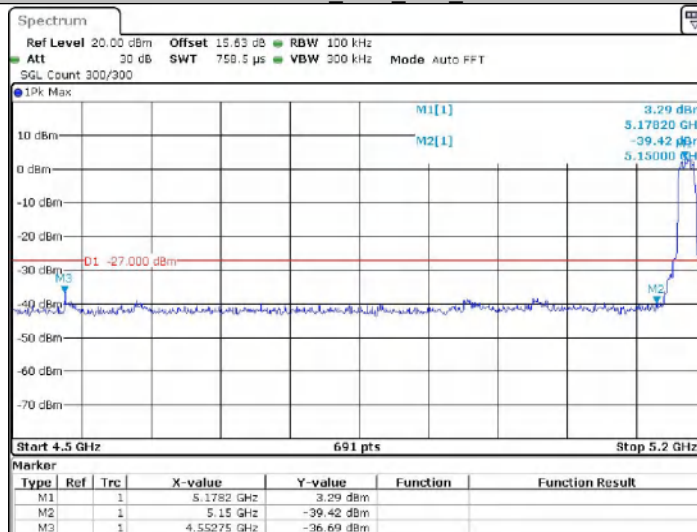
Date: 26 FEB 2026 19:40:27

11A_Ant2_High_5700



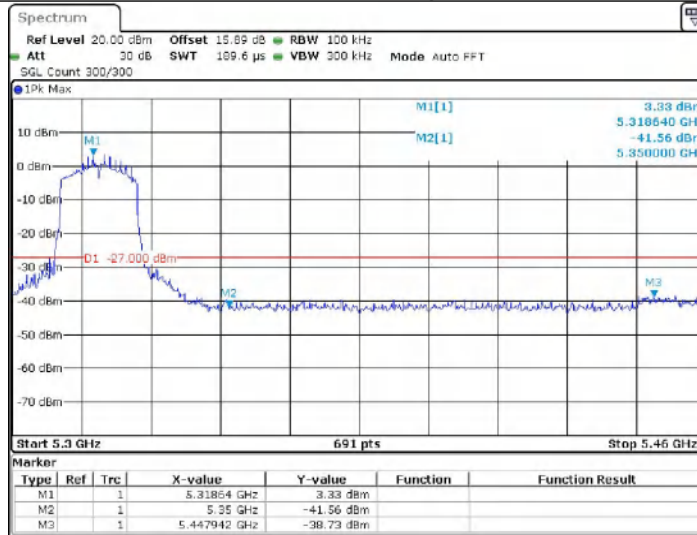
Date: 26 FEB 2026 19:43:04

11N20SISO_Ant2_Low_5180



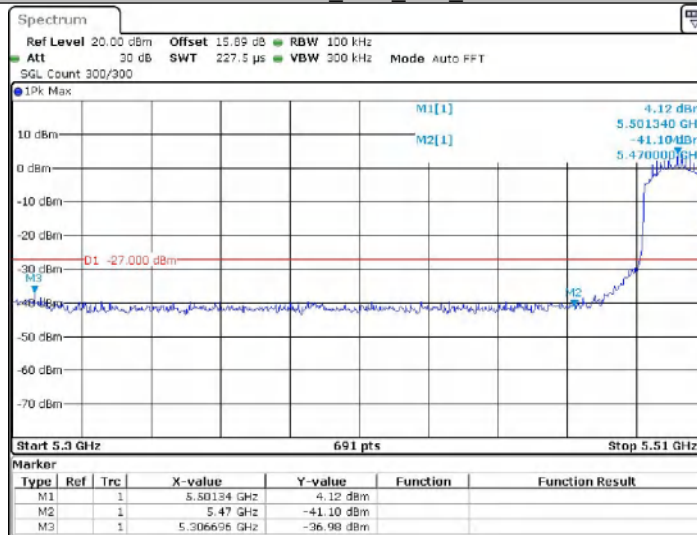
Date: 26 FEB 2026 19:48:57

11N20SISO_Ant2_High_5320



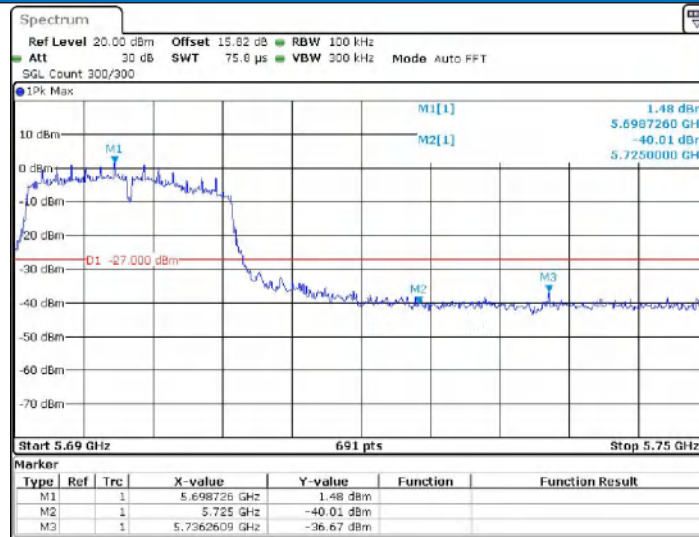
Date: 26 FEB 2026 19:58:02

11N20SISO_Ant2_Low_5500



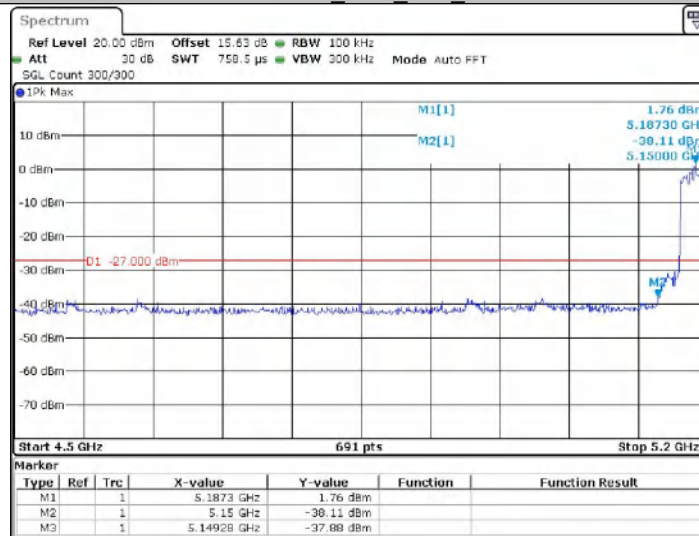
Date: 26 FEB 2026 20:00:33

11N20SISO_Ant2_High_5700



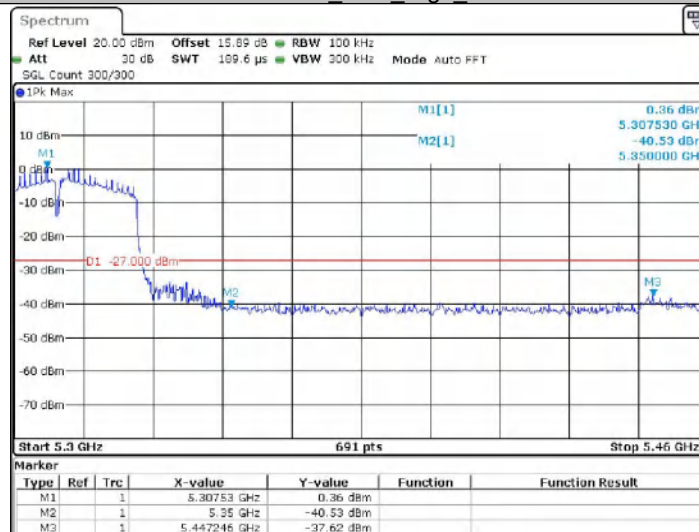
Date: 26 FEB 2026 20:05:41

11N40SISO_Ant2_Low_5190



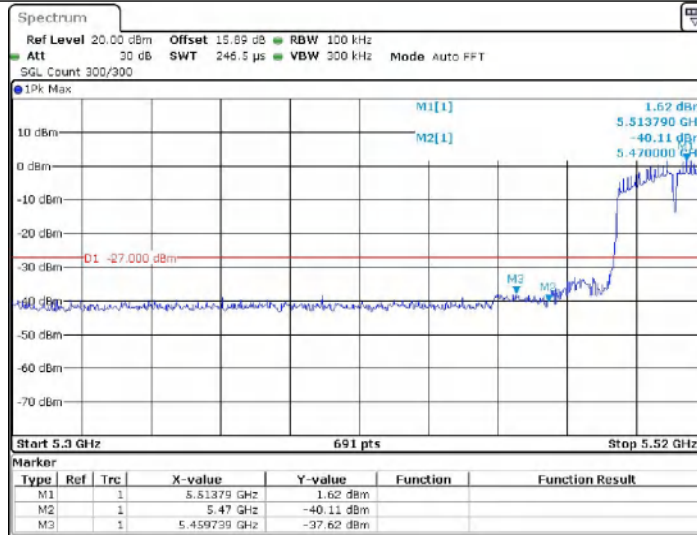
Date: 26 FEB 2026 20:13:50

11N40SISO_Ant2_High_5310

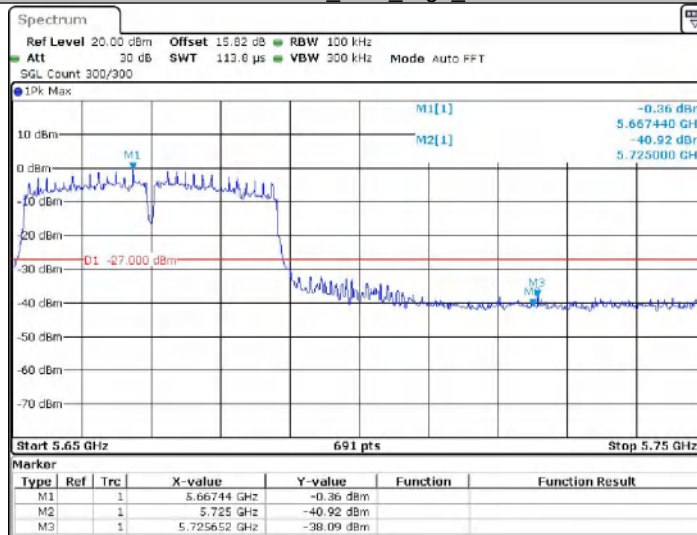


Date: 26 FEB 2026 20:18:24

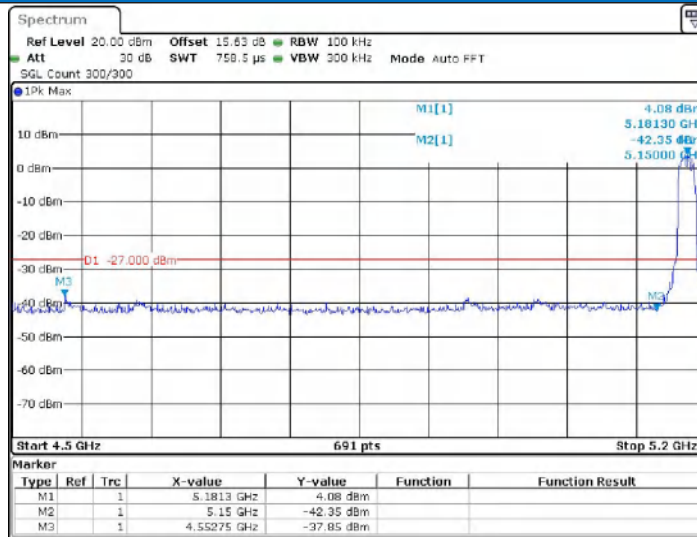
11N40SISO_Ant2_Low_5510



11N40SISO_Ant2_High_5670

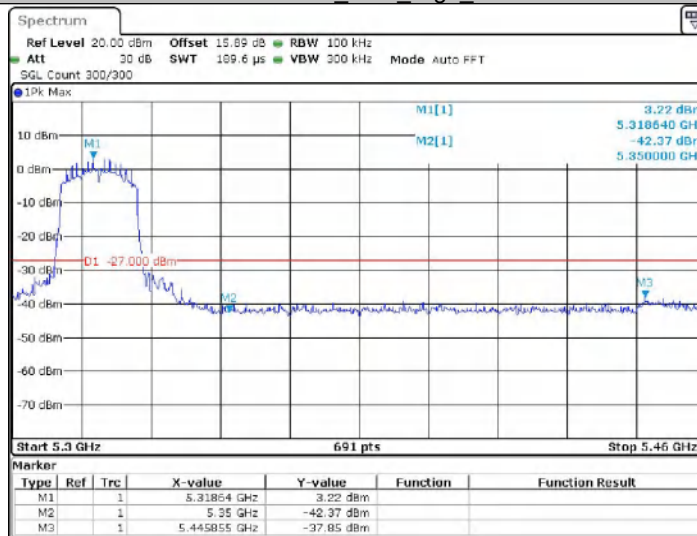


11AC20SISO_Ant2_Low_5180



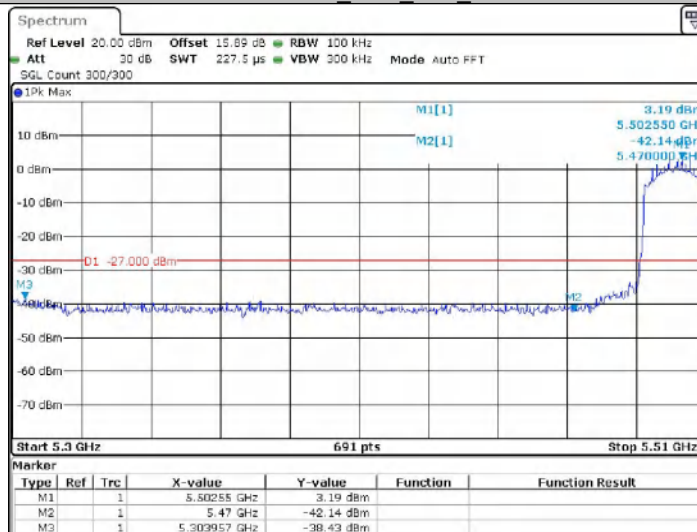
Date: 26 FEB 2026 20:32:40

11AC20SISO_Ant2_High_5320



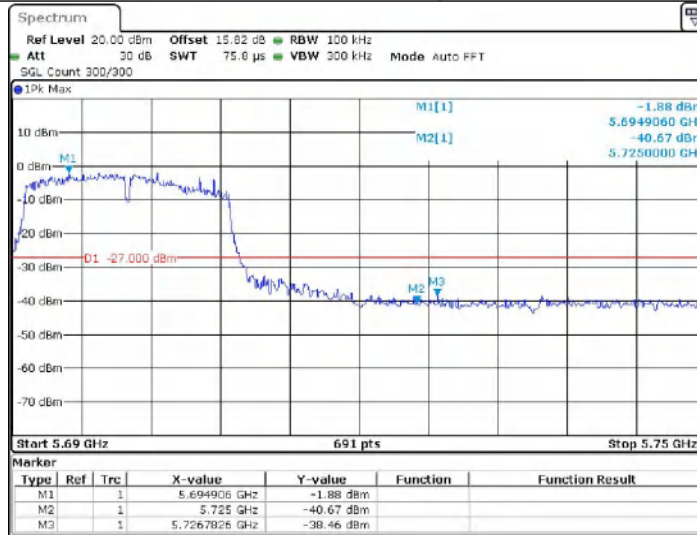
Date: 26 FEB 2026 20:40:18

11AC20SISO_Ant2_Low_5500



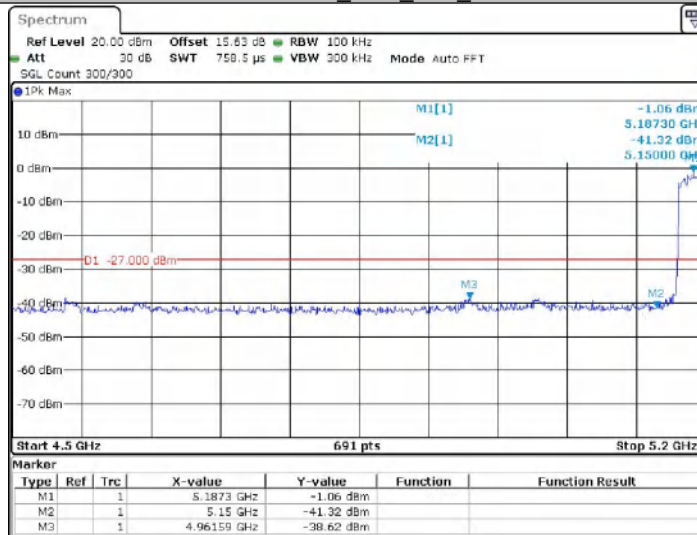
Date: 26 FEB 2026 20:42:03

11AC20SISO_Ant2_High_5700



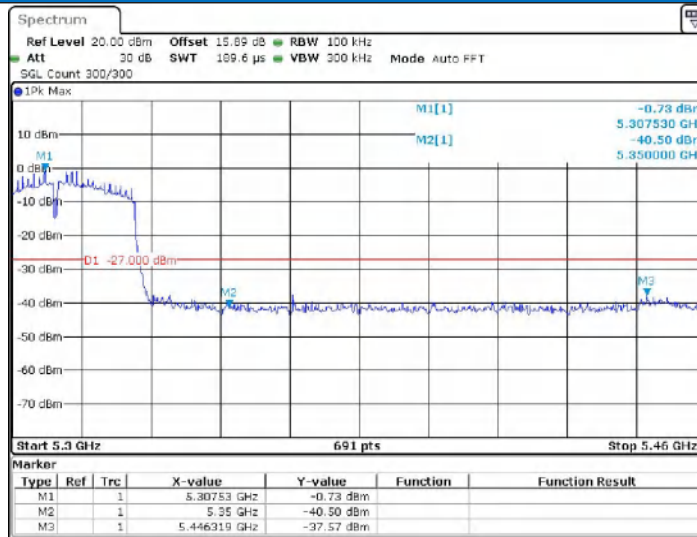
Date: 26 FEB 2026 20:44:54

11AC40SISO_Ant2_Low_5190



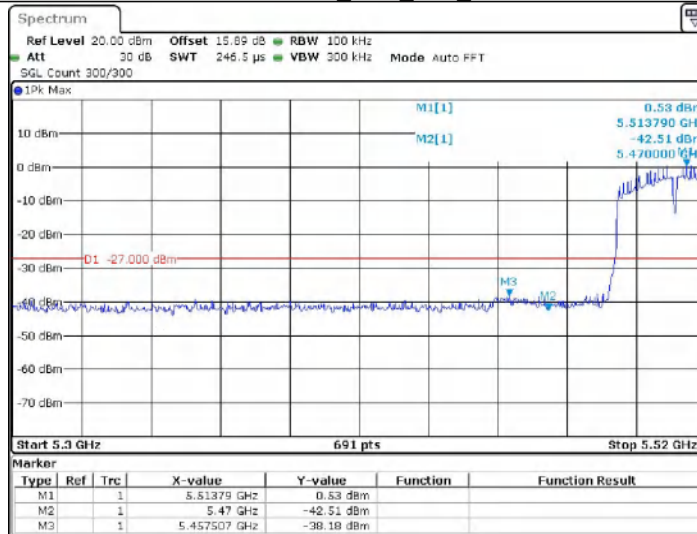
Date: 26 FEB 2026 20:51:04

11AC40SISO_Ant2_High_5310



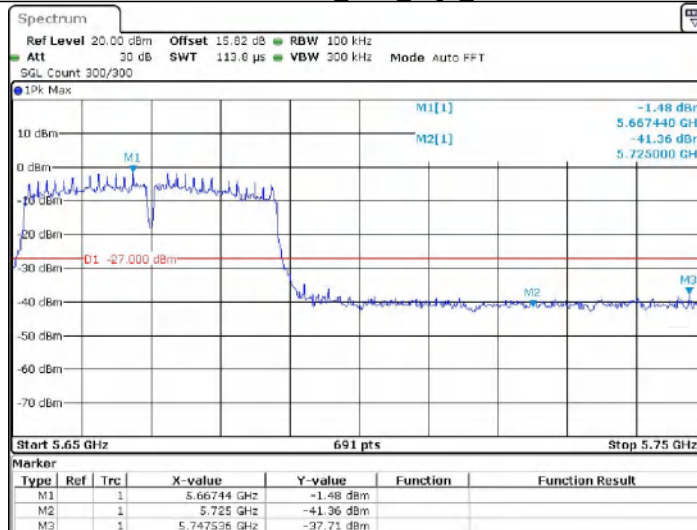
Date: 26 FEB 2026 20:58:21

11AC40SISO_Ant2_Low_5510



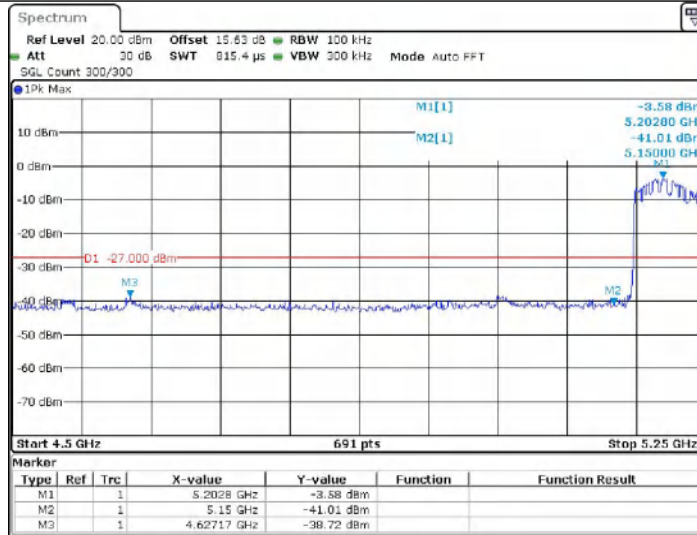
Date: 26 FEB 2026 21:02:27

11AC40SISO_Ant2_High_5670



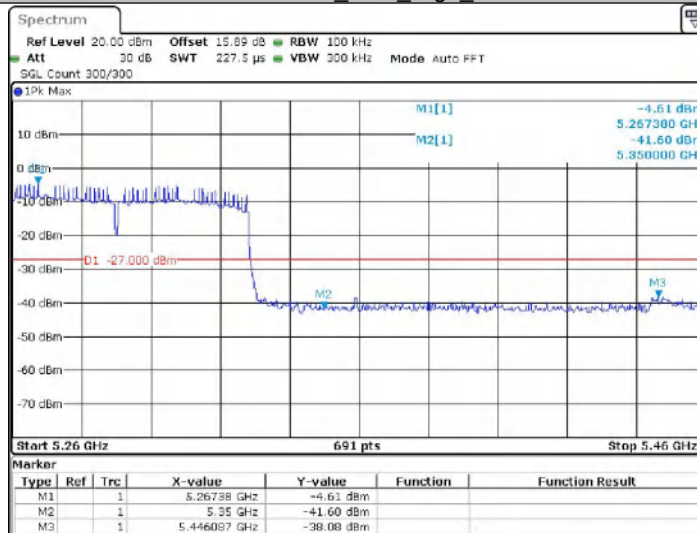
Date: 26 FEB 2026 21:07:09

11AC80SISO_Ant2_Low_5210



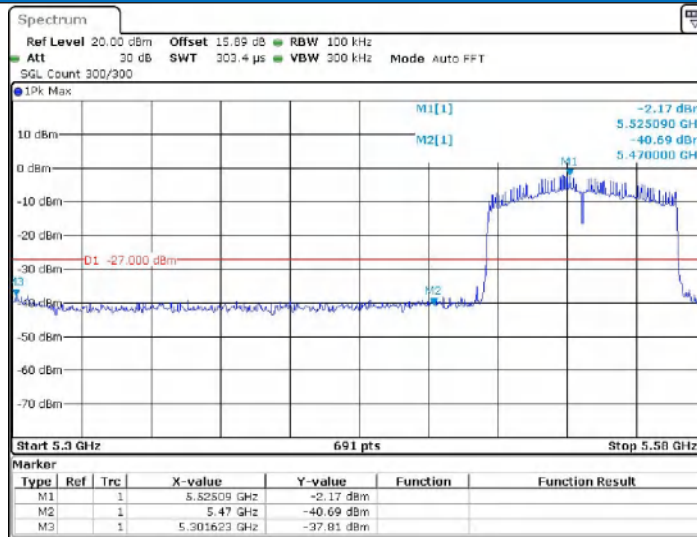
Date: 26 FEB 2026 21:21:13

11AC80SISO_Ant2_High_5290



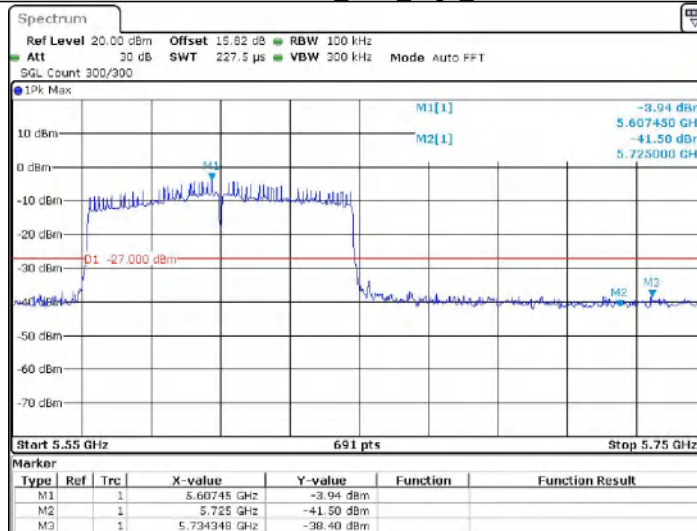
Date: 2 MAR 2026 10:14:30

11AC80SISO_Ant2_Low_5530



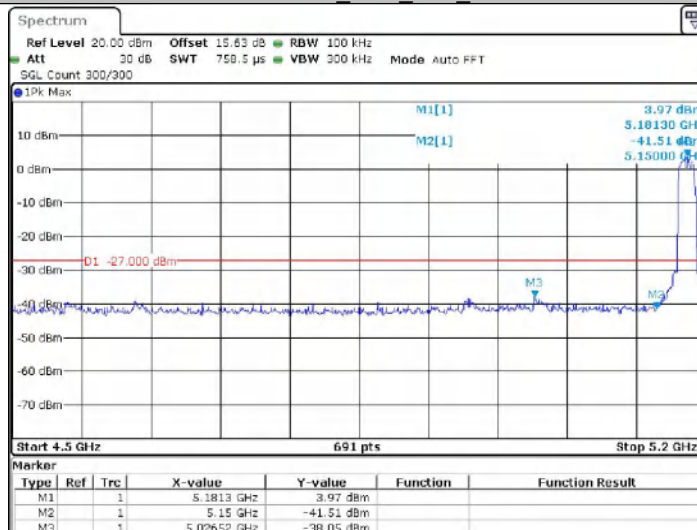
Date: 2 MAR 2026 10:19:48

11AC80SISO_Ant2_High_5610



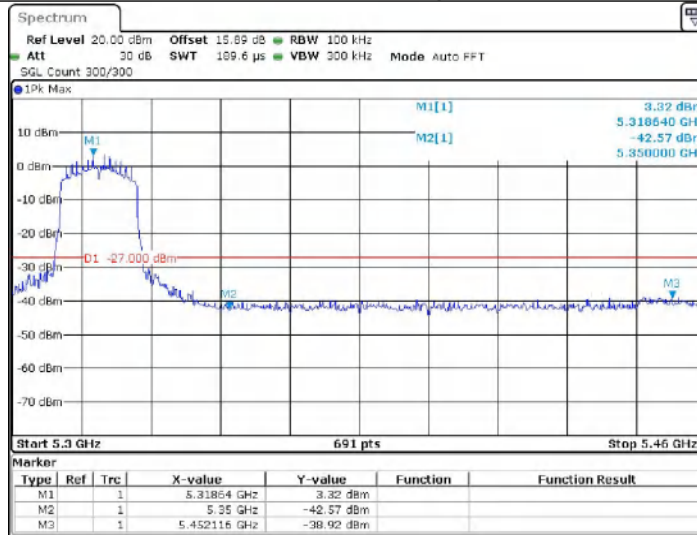
Date: 2 MAR 2026 10:21:38

11AX20SISO_Ant2_Low_5180

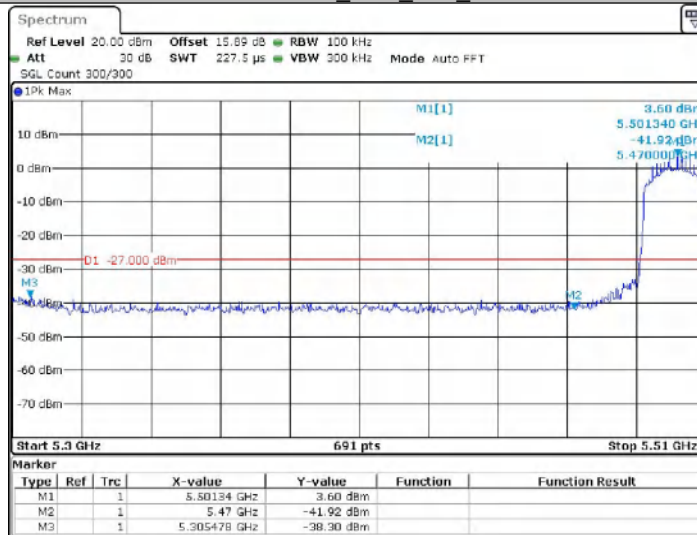


Date: 2 MAR 2026 10:29:45

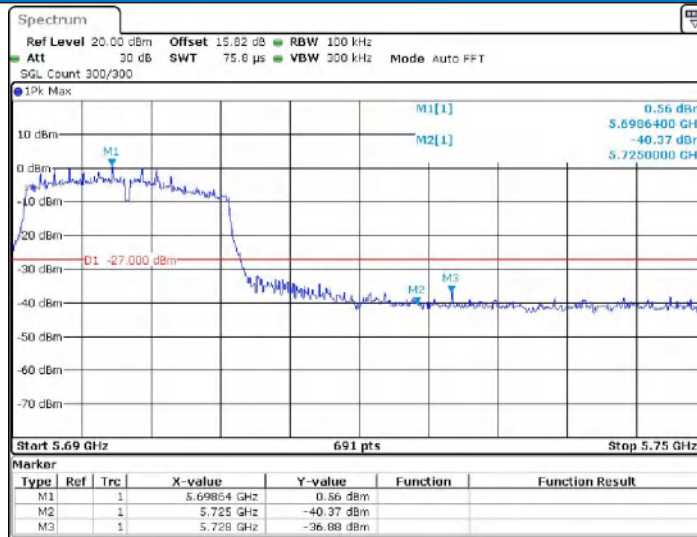
11AX20SISO_Ant2_High_5320



11AX20SISO_Ant2_Low_5500

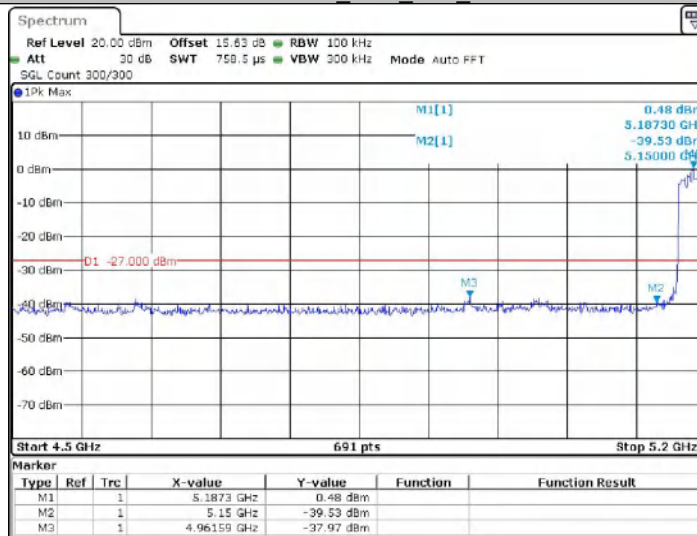


11AX20SISO_Ant2_High_5700



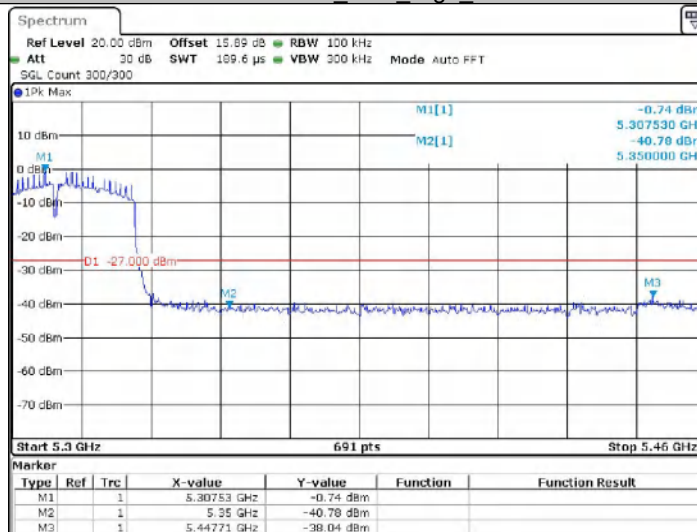
Date: 2 MAR 2026 10:50:20

11AX40SISO_Ant2_Low_5190



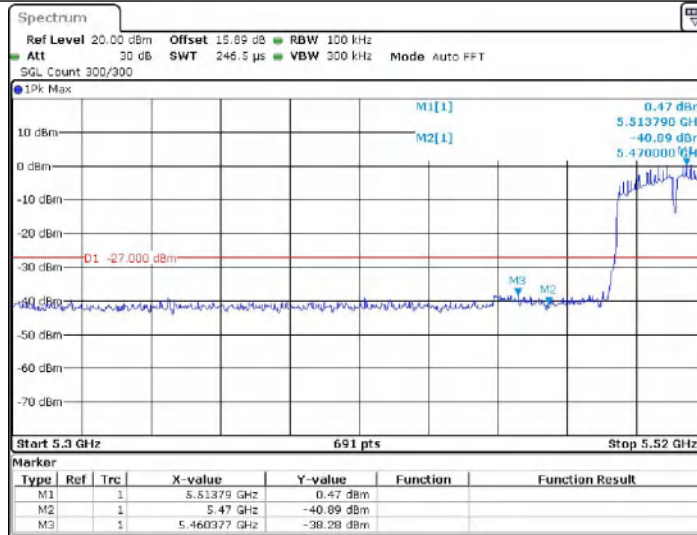
Date: 2 MAR 2026 11:08:01

11AX40SISO_Ant2_High_5310



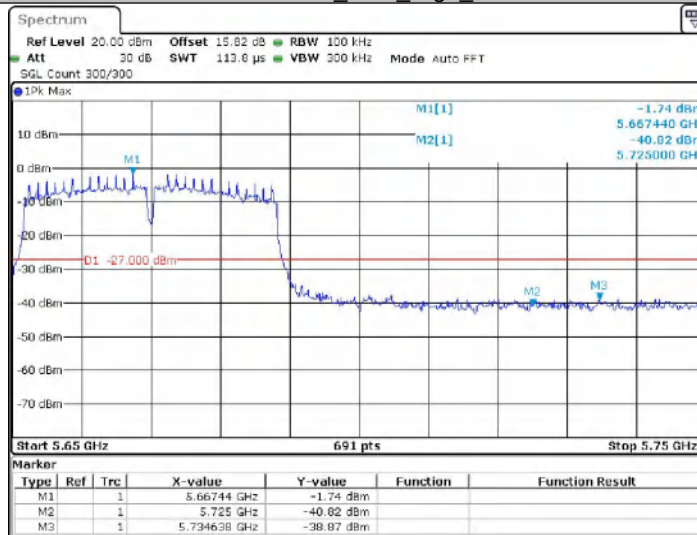
Date: 2 MAR 2026 11:37:53

11AX40SISO_Ant2_Low_5510



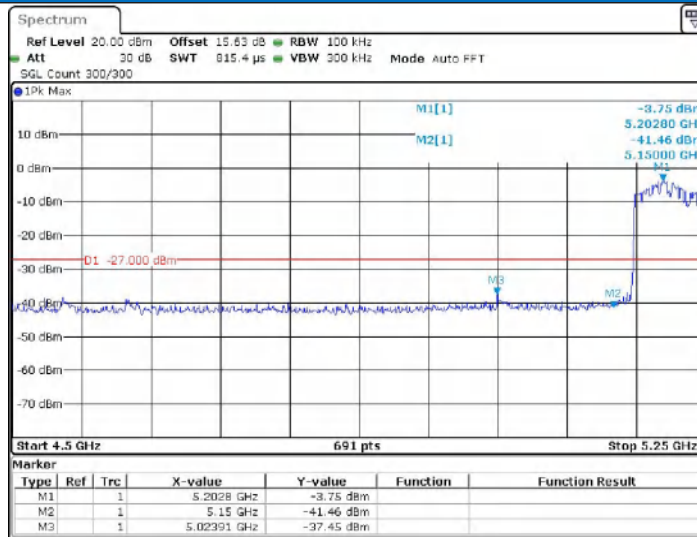
Date: 2 MAR 2026 11:43:17

11AX40SISO_Ant2_High_5670



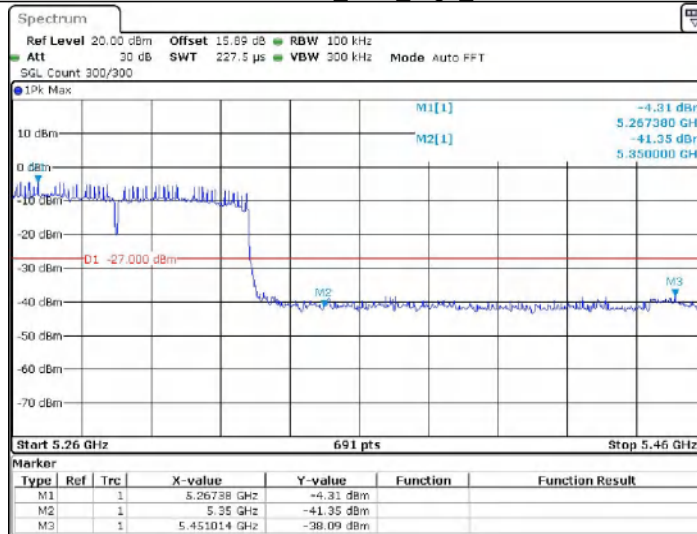
Date: 2 MAR 2026 11:48:47

11AX80SISO_Ant2_Low_5210



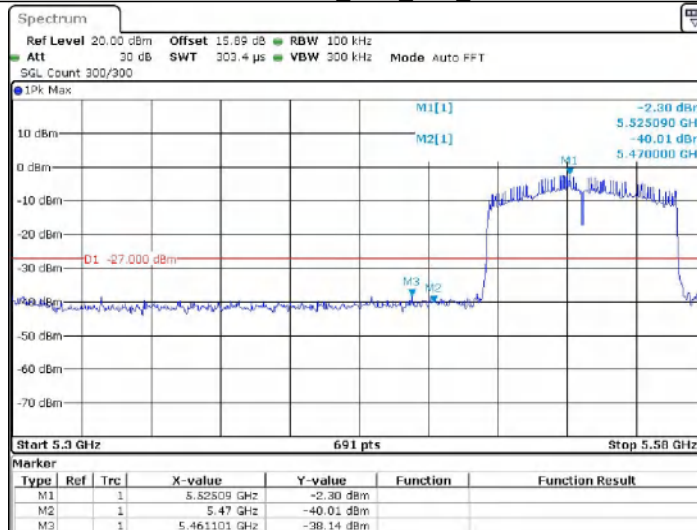
Date: 2 MAR 2026 11:55:58

11AX80SISO_Ant2_High_5290



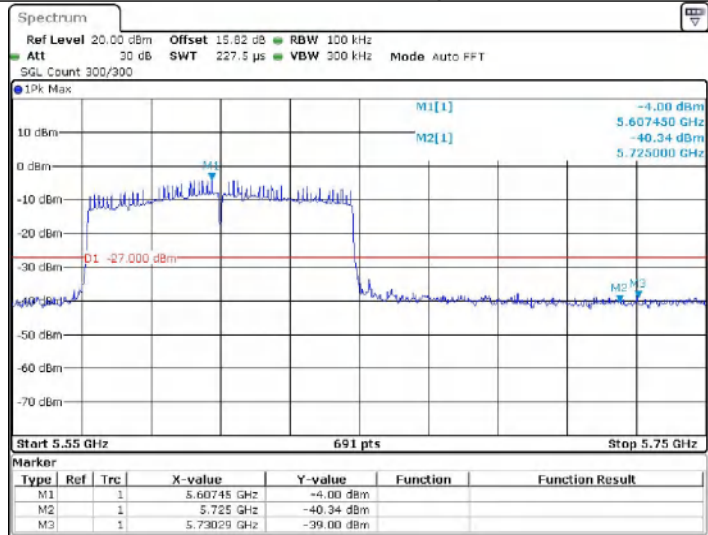
Date: 2 MAR 2026 11:59:46

11AX80SISO_Ant2_Low_5530



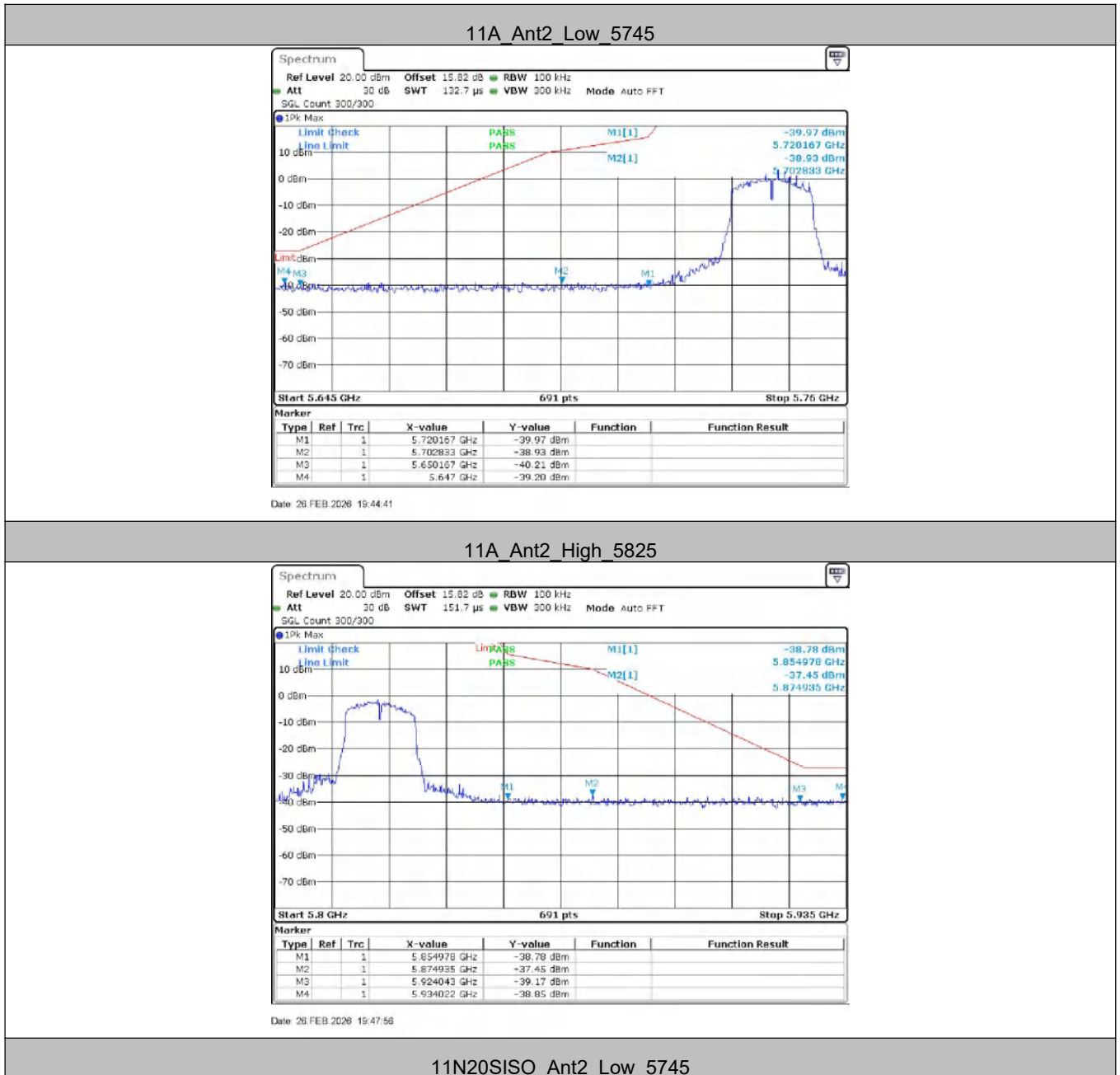
Date: 2 MAR 2026 12:02:12

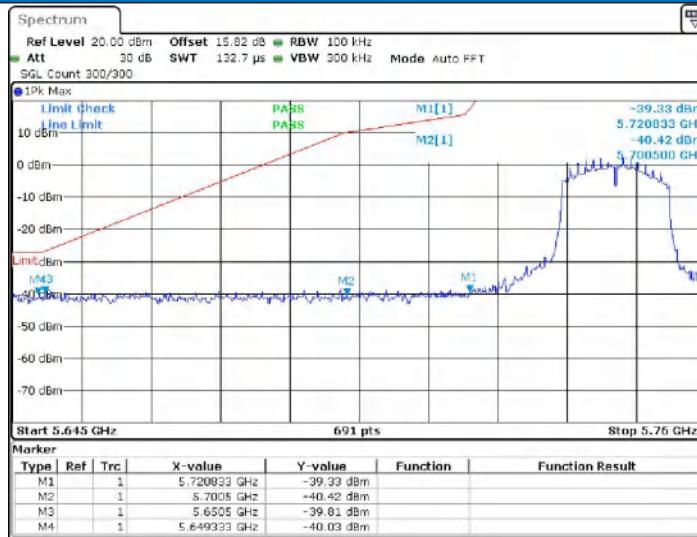
11AX80SISO_Ant2_High_5610



Date: 2 MAR 2026 12:04:09

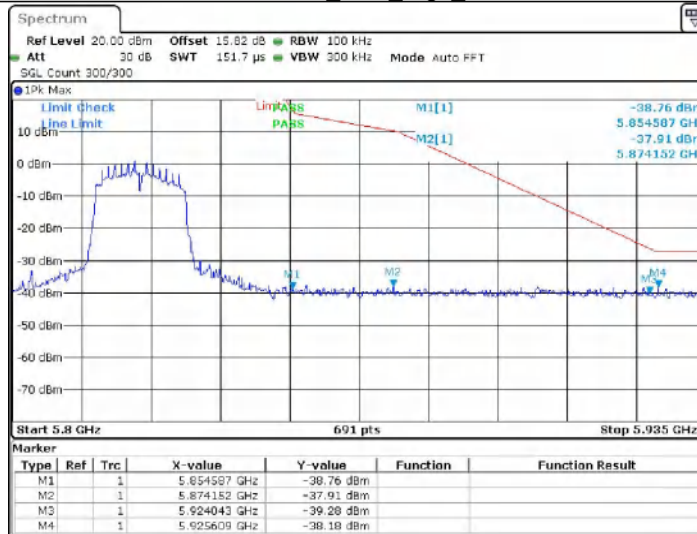
7.1.8 Test Graphs B4





Date: 26 FEB 2026 20:07:42

11N20ISO_Ant2_High_5825



Date: 26 FEB 2026 20:11:58

11N40ISO_Ant2_Low_5755



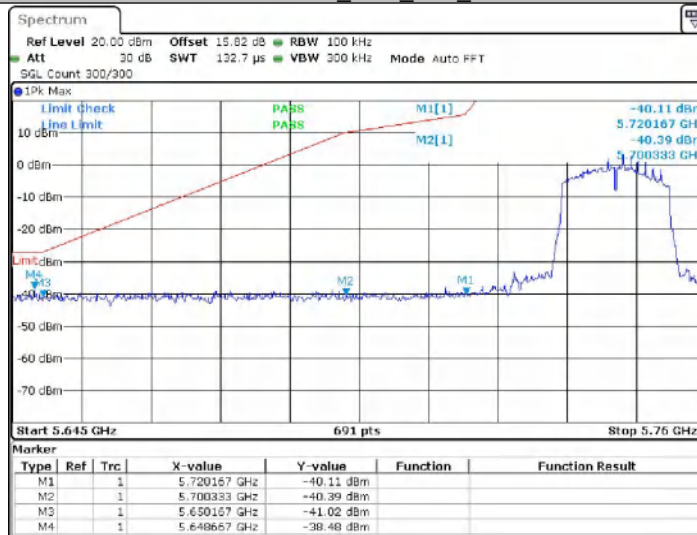
Date: 26 FEB 2026 20:26:08

11N40SISO_Ant2_High_5795



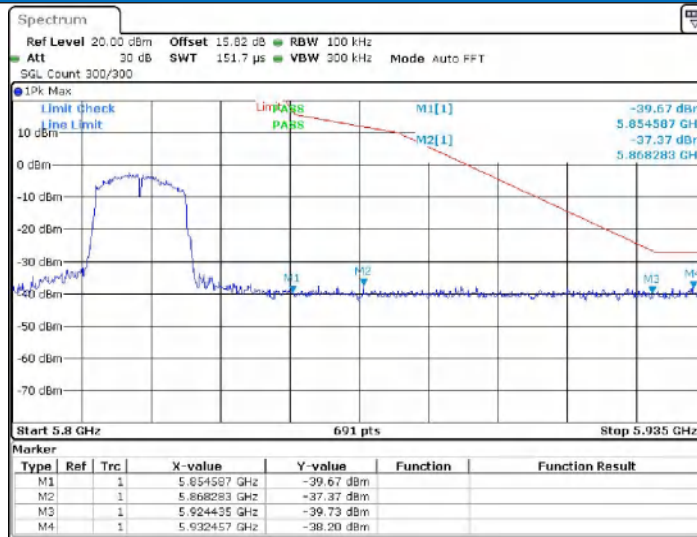
Date: 26 FEB 2026 20:28:25

11AC20SISO_Ant2_Low_5745



Date: 26 FEB 2026 20:48:24

11AC20SISO_Ant2_High_5825



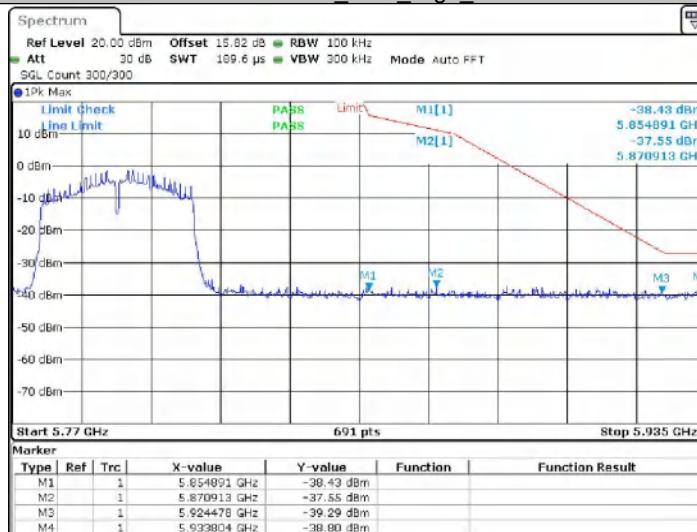
Date: 26 FEB 2026 20:48:12

11AC40SISO_Ant2_Low_5755



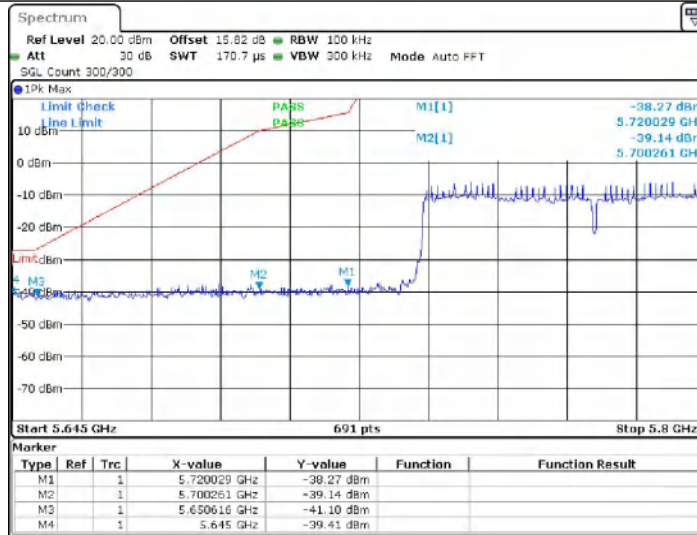
Date: 26 FEB 2026 21:15:50

11AC40SISO_Ant2_High_5795



Date: 26 FEB 2026 21:18:07

11AC80SISO_Ant2_Low_5775



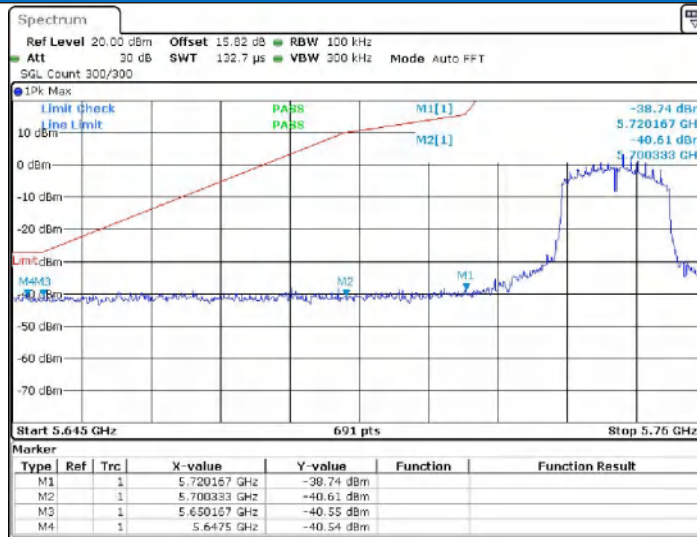
Date: 2 MAR 2026 10:26:09

11AC80SISO_Ant2_High_5775



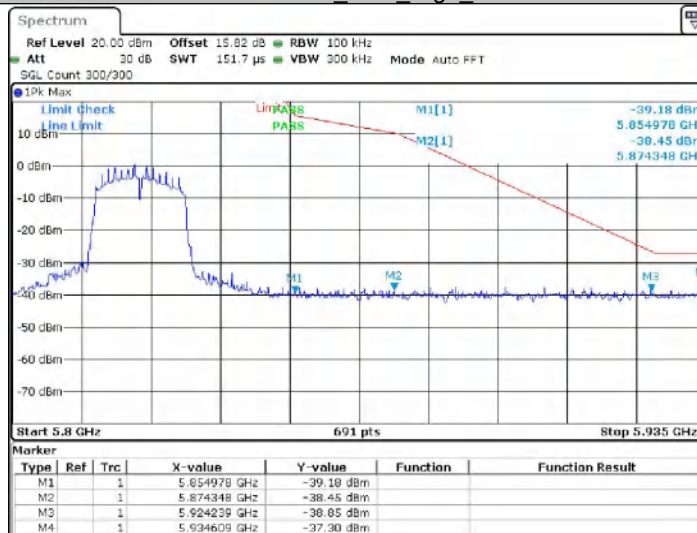
Date: 2 MAR 2026 10:26:23

11AX20SISO_Ant2_Low_5745



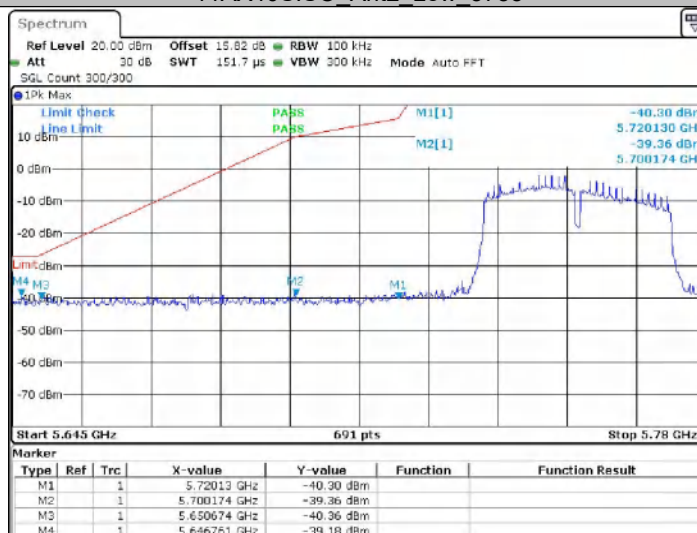
Date: 2 MAR 2026 10:53:49

11AX20SISO_Ant2_High_5825



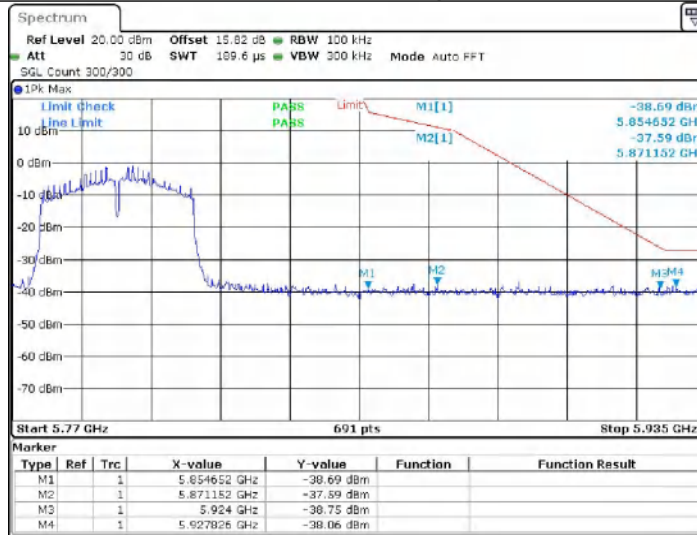
Date: 2 MAR 2026 10:59:16

11AX40SISO_Ant2_Low_5755



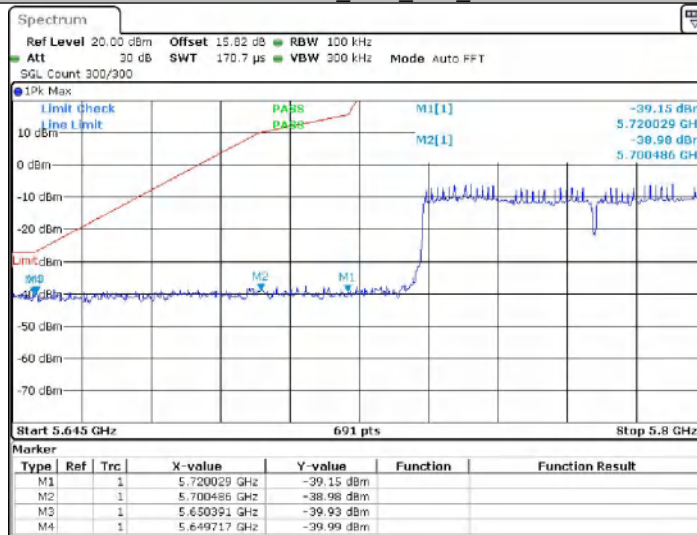
Date: 2 MAR 2026 11:52:00

11AX40SISO_Ant2_High_5795



Date: 2 MAR 2026 11:53:57

11AX80SISO_Ant2_Low_5775



Date: 2 MAR 2026 13:39:17

11AX80SISO_Ant2_High_5775



Date: 2 MAR 2026 13:39:31

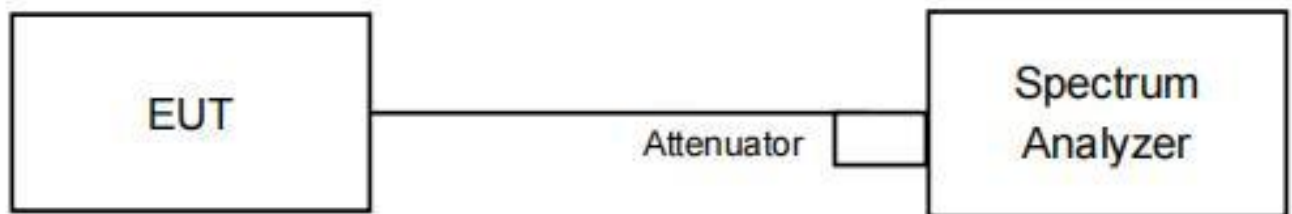
Appendix E): Frequency Stability

Test Requirement 47 CFR Part 15, Subpart C 15.407 (g)

Test Method: ANSI C63.10 (2020) Section 6.8

Limit: The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of -30 degrees to 50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

Test Setup Diagram



Measurement Data

Ant1:

Frequency Stability Versus Temp.			
Operating Frequency: 5240 MHz			
Temp	Volta ge	Measured Frequency	Limit
(°C)		(MHz)	(MHz)
50	VN	5240.01	5150-5250
40		5240.02	5150-5250
30		5240.01	5150-5250
20		5240.02	5150-5250
10		5240.02	5150-5250
0		5240.01	5150-5250
-10		5240.02	5150-5250
-30		5240.02	5150-5250

Frequency Stability Versus Temp.			
Operating Frequency: 5210 MHz			
Temp.	Volta ge	Measured Frequency	Limit
		(MHz)	(MHz)
TN	VL	5210.01	5150-5250
	VN	5210.04	5150-5250
	VH	5210.02	5150-5250

Note: All the modulation and channels had been tested, but only the worst data recorded in the report.

Ant2:

Frequency Stability Versus Temp.			
Operating Frequency: 5240 MHz			
Temp	Voltage	Measured Frequency	Limit
(°C)		(MHz)	(MHz)
50	VN	5240.01	5150-5250
40		5240.02	5150-5250
30		5240.01	5150-5250
20		5240.02	5150-5250
10		5240.03	5150-5250
0		5240.01	5150-5250
-10		5240.02	5150-5250
-30		5240.03	5150-5250

Frequency Stability Versus Temp.			
Operating Frequency: 5210 MHz			
Temp.	Voltage	Measured Frequency	Limit
		(MHz)	(MHz)
TN	VL	5210.06	5150-5250
	VN	5210.05	5150-5250
	VH	5210.02	5150-5250

Note: All the modulation and channels had been tested, but only the worst data recorded in the report.

Appendix F): Antenna Requirement

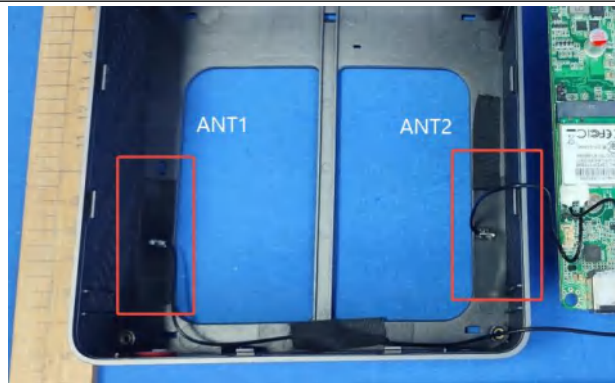
15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.407(a)(1) (2) requirement:

The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:



The antenna is FPC antenna.

The connection/connection type between the antenna to the EUT's antenna port is: unique coupling.

This is either permanently attachment or a unique coupling that satisfies the requirement.

Appendix G): Operation in the absence of information to the transmit**15.407(c) requirement:**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Operation in the absence of information to the transmit

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission. (manufacturer declare)

Appendix H): AC Power Line Conducted Emission

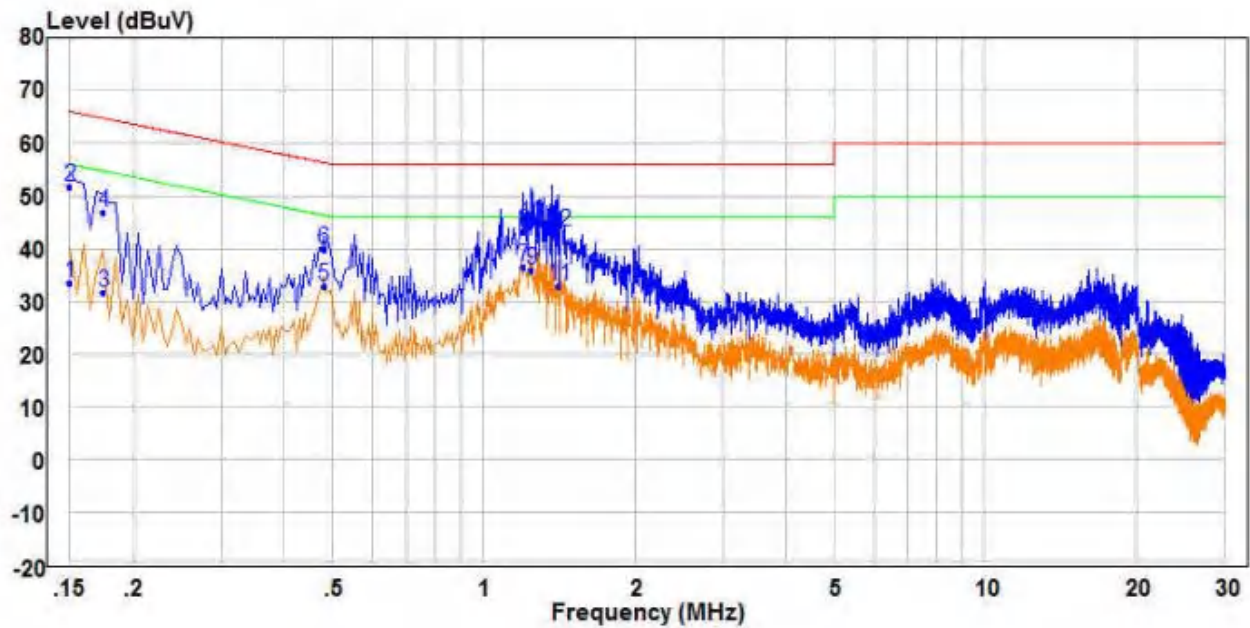
Test Procedure:	Test frequency range :150KHz-30MHz 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.														
Limit:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table> * The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency	Frequency range (MHz)	Limit (dBμV)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dBμV)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

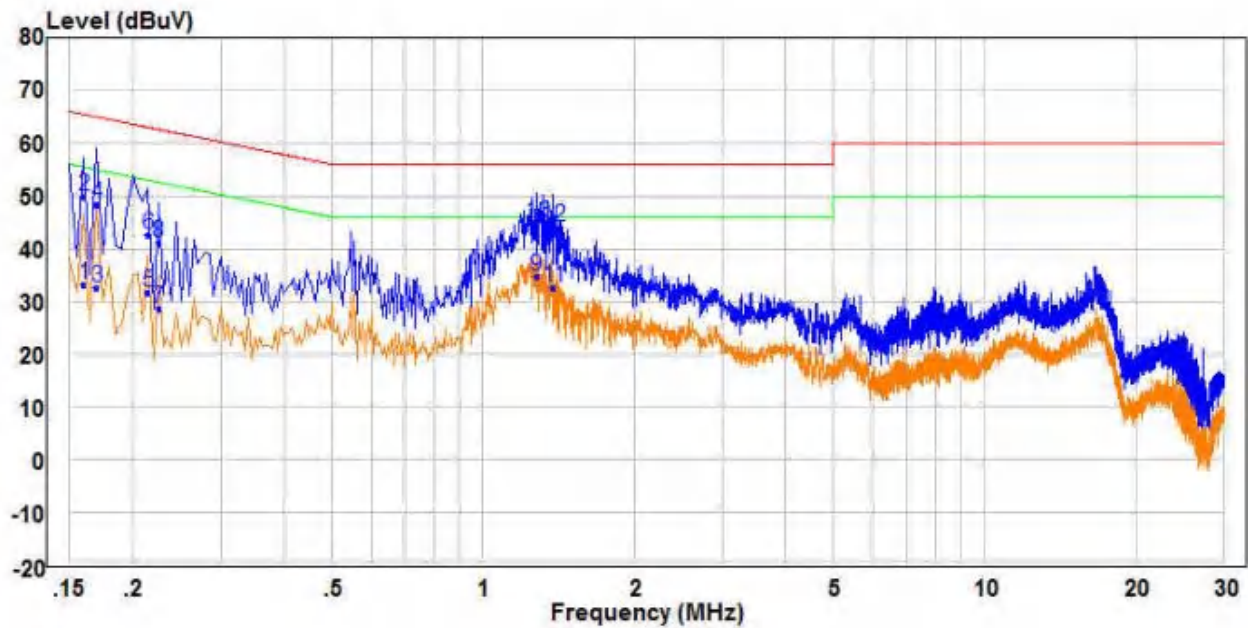
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.150	23.78	9.70	33.48	56.00	-22.52	Average	Line
2	0.150	42.01	9.70	51.71	66.00	-14.29	QP	Line
3	0.175	22.01	9.65	31.66	54.72	-23.06	Average	Line
4	0.175	37.32	9.65	46.97	64.72	-17.75	QP	Line
5	0.480	23.07	9.68	32.75	46.34	-13.59	Average	Line
6	0.480	30.15	9.68	39.83	56.34	-16.51	QP	Line
7 PP	1.200	26.20	10.21	36.41	46.00	-9.59	Average	Line
8	1.200	33.14	10.21	43.35	56.00	-12.65	QP	Line
9	1.245	25.56	10.31	35.87	46.00	-10.13	Average	Line
10 QP	1.245	34.33	10.31	44.64	56.00	-11.36	QP	Line
11	1.410	22.29	10.66	32.95	46.00	-13.05	Average	Line
12	1.410	32.70	10.66	43.36	56.00	-12.64	QP	Line

Neutral line:



	Freq	Read		Level	Limit	Over		
	MHz	Level	Factor	dBuV	Line	Limit	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.245	16.19	9.54	25.73	51.92	-26.19	Average	Neutral
2	0.245	39.51	9.54	49.05	61.92	-12.87	QP	Neutral
3	0.300	16.29	9.48	25.77	50.24	-24.47	Average	Neutral
4 PP	0.300	40.68	9.48	50.16	60.24	-10.08	QP	Neutral
5	0.335	13.96	9.53	23.49	49.33	-25.84	Average	Neutral
6	0.335	33.38	9.53	42.91	59.33	-16.42	QP	Neutral
7	0.415	12.58	9.62	22.20	47.55	-25.35	Average	Neutral
8	0.415	30.72	9.62	40.34	57.55	-17.21	QP	Neutral
9	0.695	11.73	9.90	21.63	46.00	-24.37	Average	Neutral
10	0.695	23.71	9.90	33.61	56.00	-22.39	QP	Neutral
11 AV	0.810	12.86	9.83	22.69	46.00	-23.31	Average	Neutral
12	0.810	24.08	9.83	33.91	56.00	-22.09	QP	Neutral

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
3. The 6Mbps of rate of 802.11A_5240 is the worst case, only the worst data recorded in the report.

Appendix I): Restricted bands around fundamental frequency (Radiated Emission)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:	Below 1GHz test procedure as below: - The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: - Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre). - Test the EUT in the lowest channel , the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.				
Limit:	Frequency	Limit (dBμV/m @3cm)		Remark	
	30MHz-88MHz	40.0		Quasi-peak Value	
	88MHz-216MHz	43.5		Quasi-peak Value	
	216MHz-960MHz	46.0		Quasi-peak Value	
	960MHz-1GHz	54.0		Quasi-peak Value	
	Above 1GHz	54.0		Average Value	
		74.0		Peak Value	

Test plot as follows:

Worse case mode:		802.11a		Test channel:		36			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.42	-3.63	54.79	74	-19.21	peak	H	1.5	17
5150.00	44.69	-3.63	41.06	54	-12.94	AVG	H	1.5	141
5150.00	59.95	-3.63	56.32	74	-17.68	peak	V	1.5	247
5150.00	46.72	-3.63	43.09	54	-10.91	AVG	V	1.5	76

Worse case mode:		802.11a		Test channel:		64			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	59.10	-3.59	55.51	74	-18.49	peak	H	1.5	210
5350.00	44.08	-3.59	40.49	54	-13.51	AVG	H	1.5	360
5350.00	59.42	-3.59	55.83	74	-18.17	peak	V	1.5	168
5350.00	46.67	-3.59	43.08	54	-10.92	AVG	V	1.5	176

Worse case mode:		802.11a		Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	57.88	-3.44	54.44	74	-19.56	peak	H	1.5	112
5470.00	43.54	-3.44	40.10	54	-13.90	AVG	H	1.5	111
5470.00	57.57	-3.44	54.13	74	-19.87	peak	V	1.5	162
5470.00	45.62	-3.44	42.18	54	-11.82	AVG	V	1.5	150

Worse case mode:		802.11a		Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.31	-3.42	54.89	74	-19.11	peak	H	1.5	255
5850.00	44.77	-3.42	41.35	54	-12.65	AVG	H	1.5	233
5850.00	60.19	-3.42	56.77	74	-17.23	peak	V	1.5	265
5850.00	46.72	-3.42	43.30	54	-10.70	AVG	V	1.5	250

Worse case mode:		802.11n(HT20)		Test channel:		36			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	59.15	-3.63	55.52	74	-18.48	peak	H	1.5	295
5150.00	44.84	-3.63	41.21	54	-12.79	AVG	H	1.5	92
5150.00	59.92	-3.63	56.29	74	-17.71	peak	V	1.5	144
5150.00	46.22	-3.63	42.59	54	-11.41	AVG	V	1.5	341

Worse case mode:		802.11n(HT20)		Test channel:		64			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.62	-3.59	55.03	74	-18.97	peak	H	1.5	253
5350.00	44.36	-3.59	40.77	54	-13.23	AVG	H	1.5	20
5350.00	59.41	-3.59	55.82	74	-18.18	peak	V	1.5	95
5350.00	46.56	-3.59	42.97	54	-11.03	AVG	V	1.5	248

Worse case mode:		802.11n(HT20)		Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	57.70	-3.44	54.26	74	-19.74	peak	H	1.5	75
5470.00	43.54	-3.44	40.10	54	-13.90	AVG	H	1.5	271
5470.00	58.32	-3.44	54.88	74	-19.12	peak	V	1.5	68
5470.00	46.34	-3.44	42.90	54	-11.10	AVG	V	1.5	62

Worse case mode:		802.11n(HT20)		Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	59.02	-3.42	55.60	74	-18.40	peak	H	1.5	85
5850.00	44.69	-3.42	41.27	54	-12.73	AVG	H	1.5	275
5850.00	59.95	-3.42	56.53	74	-17.47	peak	V	1.5	265
5850.00	46.50	-3.42	43.08	54	-10.92	AVG	V	1.5	314

Worse case mode:		802.11n(HT40)		Test channel:		38			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.71	-3.63	55.08	74	-18.92	peak	H	1.5	26
5150.00	44.62	-3.63	40.99	54	-13.01	AVG	H	1.5	214
5150.00	59.56	-3.63	55.93	74	-18.07	peak	V	1.5	74
5150.00	46.00	-3.63	42.37	54	-11.63	AVG	V	1.5	358

Worse case mode:		802.11n(HT40)		Test channel:		62			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.49	-3.59	54.90	74	-19.10	peak	H	1.5	45
5350.00	44.68	-3.59	41.09	54	-12.91	AVG	H	1.5	157
5350.00	60.16	-3.59	56.57	74	-17.43	peak	V	1.5	56
5350.00	46.40	-3.59	42.81	54	-11.19	AVG	V	1.5	232

Worse case mode:		802.11n(HT40)		Test channel:		102			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	57.94	-3.44	54.50	74	-19.50	peak	H	1.5	233
5470.00	43.98	-3.44	40.54	54	-13.46	AVG	H	1.5	130
5470.00	57.93	-3.44	54.49	74	-19.51	peak	V	1.5	272
5470.00	45.97	-3.44	42.53	54	-11.47	AVG	V	1.5	11

Worse case mode:		802.11n(HT40)		Test channel:		159			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.41	-3.42	54.99	74	-19.01	peak	H	1.5	40
5850.00	44.60	-3.42	41.18	54	-12.82	AVG	H	1.5	280
5850.00	60.19	-3.42	56.77	74	-17.23	peak	V	1.5	295
5850.00	46.09	-3.42	42.67	54	-11.33	AVG	V	1.5	55

Worse case mode:		802.11ac(VHT20)		Test channel:		36			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.45	-3.63	54.82	74	-19.18	peak	H	1.5	352
5150.00	44.97	-3.63	41.34	54	-12.66	AVG	H	1.5	226
5150.00	60.08	-3.63	56.45	74	-17.55	peak	V	1.5	30
5150.00	46.20	-3.63	42.57	54	-11.43	AVG	V	1.5	58

Worse case mode:		802.11ac(VHT20)		Test channel:		64			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.64	-3.59	55.05	74	-18.95	peak	H	1.5	93
5350.00	44.64	-3.59	41.05	54	-12.95	AVG	H	1.5	168
5350.00	60.00	-3.59	56.41	74	-17.59	peak	V	1.5	64
5350.00	46.49	-3.59	42.90	54	-11.10	AVG	V	1.5	139

Worse case mode:		802.11ac(VHT20)		Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	57.68	-3.44	54.24	74	-19.76	peak	H	1.5	148
5470.00	43.57	-3.44	40.13	54	-13.87	AVG	H	1.5	164
5470.00	58.26	-3.44	54.82	74	-19.18	peak	V	1.5	65
5470.00	45.77	-3.44	42.33	54	-11.67	AVG	V	1.5	357

Worse case mode:		802.11ac(VHT20)		Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.46	-3.42	55.04	74	-18.96	peak	H	1.5	173
5850.00	44.88	-3.42	41.46	54	-12.54	AVG	H	1.5	147
5850.00	59.30	-3.42	55.88	74	-18.12	peak	V	1.5	169
5850.00	46.90	-3.42	43.48	54	-10.52	AVG	V	1.5	304

Worse case mode:		802.11ac(VHT40)		Test channel:		38			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.98	-3.63	55.35	74	-18.65	peak	H	1.5	126
5150.00	44.73	-3.63	41.10	54	-12.90	AVG	H	1.5	108
5150.00	60.08	-3.63	56.45	74	-17.55	peak	V	1.5	36
5150.00	46.87	-3.63	43.24	54	-10.76	AVG	V	1.5	155

Worse case mode:		802.11ac(VHT40)		Test channel:		62			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	59.19	-3.59	55.60	74	-18.40	peak	H	1.5	297
5350.00	44.30	-3.59	40.71	54	-13.29	AVG	H	1.5	230
5350.00	59.58	-3.59	55.99	74	-18.01	peak	V	1.5	41
5350.00	46.24	-3.59	42.65	54	-11.35	AVG	V	1.5	302

Worse case mode:		802.11ac(VHT40)		Test channel:		102			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	58.35	-3.44	54.91	74	-19.09	peak	H	1.5	78
5470.00	44.10	-3.44	40.66	54	-13.34	AVG	H	1.5	194
5470.00	58.17	-3.44	54.73	74	-19.27	peak	V	1.5	280
5470.00	46.34	-3.44	42.90	54	-11.10	AVG	V	1.5	150

Worse case mode:		802.11ac(VHT40)		Test channel:		159			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)			(m)	(Degree)
5850.00	59.10	-3.42	55.68	74	-18.32	peak	H	1.5	240
5850.00	44.63	-3.42	41.21	54	-12.79	AVG	H	1.5	250
5850.00	59.34	-3.42	55.92	74	-18.08	peak	V	1.5	222
5850.00	46.32	-3.42	42.90	54	-11.10	AVG	V	1.5	278

Worse case mode:		802.11ac(VHT80)		Test channel:		42			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.67	-3.63	55.04	74	-18.96	peak	H	1.5	328
5150.00	44.72	-3.63	41.09	54	-12.91	AVG	H	1.5	128
5150.00	59.84	-3.63	56.21	74	-17.79	peak	V	1.5	36
5150.00	46.79	-3.63	43.16	54	-10.84	AVG	V	1.5	283

Worse case mode:		802.11ac(VHT80)		Test channel:		58			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.94	-3.59	55.35	74	-18.65	peak	H	1.5	37
5350.00	44.32	-3.59	40.73	54	-13.27	AVG	H	1.5	236
5350.00	59.44	-3.59	55.85	74	-18.15	peak	V	1.5	134
5350.00	46.28	-3.59	42.69	54	-11.31	AVG	V	1.5	282

Worse case mode:		802.11ac(VHT80)		Test channel:		106			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	57.69	-3.44	54.25	74	-19.75	peak	H	1.5	296
5470.00	43.60	-3.44	40.16	54	-13.84	AVG	H	1.5	237
5470.00	57.74	-3.44	54.30	74	-19.70	peak	V	1.5	191
5470.00	46.13	-3.44	42.69	54	-11.31	AVG	V	1.5	8

Worse case mode:		802.11ac(VHT80)		Test channel:		155			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.69	-3.42	55.27	74	-18.73	peak	H	1.5	358
5850.00	44.63	-3.42	41.21	54	-12.79	AVG	H	1.5	75
5850.00	59.57	-3.42	56.15	74	-17.85	peak	V	1.5	296
5850.00	46.28	-3.42	42.86	54	-11.14	AVG	V	1.5	332

Worse case mode:		802.11ax(HE20)		Test channel:		36			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	59.17	-3.63	55.54	74	-18.46	peak	H	1.5	249
5150.00	44.34	-3.63	40.71	54	-13.29	AVG	H	1.5	168
5150.00	59.99	-3.63	56.36	74	-17.64	peak	V	1.5	41
5150.00	46.74	-3.63	43.11	54	-10.89	AVG	V	1.5	229

Worse case mode:		802.11ax(HE20)		Test channel:		64			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.68	-3.59	55.09	74	-18.91	peak	H	1.5	315
5350.00	44.74	-3.59	41.15	54	-12.85	AVG	H	1.5	263
5350.00	59.84	-3.59	56.25	74	-17.75	peak	V	1.5	93
5350.00	46.94	-3.59	43.35	54	-10.65	AVG	V	1.5	51

Worse case mode:		802.11ax(HE20)		Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	58.34	-3.44	54.90	74	-19.10	peak	H	1.5	26
5470.00	44.33	-3.44	40.89	54	-13.11	AVG	H	1.5	267
5470.00	58.41	-3.44	54.97	74	-19.03	peak	V	1.5	296
5470.00	45.86	-3.44	42.42	54	-11.58	AVG	V	1.5	66

Worse case mode:		802.11ax(HE20)		Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.39	-3.42	54.97	74	-19.03	peak	H	1.5	0
5850.00	44.25	-3.42	40.83	54	-13.17	AVG	H	1.5	219
5850.00	59.29	-3.42	55.87	74	-18.13	peak	V	1.5	303
5850.00	46.13	-3.42	42.71	54	-11.29	AVG	V	1.5	114

Worse case mode:		802.11ax(HE40)		Test channel:		38			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	59.20	-3.63	55.57	74	-18.43	peak	H	1.5	61
5150.00	44.60	-3.63	40.97	54	-13.03	AVG	H	1.5	95
5150.00	59.95	-3.63	56.32	74	-17.68	peak	V	1.5	86
5150.00	46.29	-3.63	42.66	54	-11.34	AVG	V	1.5	354

Worse case mode:		802.11ax(HE40)		Test channel:		62			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.86	-3.59	55.27	74	-18.73	peak	H	1.5	103
5350.00	43.99	-3.59	40.40	54	-13.60	AVG	H	1.5	179
5350.00	59.42	-3.59	55.83	74	-18.17	peak	V	1.5	128
5350.00	46.10	-3.59	42.51	54	-11.49	AVG	V	1.5	1

Worse case mode:		802.11ax(HE40)		Test channel:		102			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	58.15	-3.44	54.71	74	-19.29	peak	H	1.5	325
5470.00	43.48	-3.44	40.04	54	-13.96	AVG	H	1.5	336
5470.00	58.06	-3.44	54.62	74	-19.38	peak	V	1.5	54
5470.00	46.15	-3.44	42.71	54	-11.29	AVG	V	1.5	277

Worse case mode:		802.11ax(HE40)		Test channel:		159			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	59.10	-3.42	55.68	74	-18.32	peak	H	1.5	280
5850.00	44.88	-3.42	41.46	54	-12.54	AVG	H	1.5	6
5850.00	60.22	-3.42	56.80	74	-17.20	peak	V	1.5	99
5850.00	46.46	-3.42	43.04	54	-10.96	AVG	V	1.5	172

Worse case mode:		802.11ax(HE80)		Test channel:		42			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5150.00	58.81	-3.63	55.18	74	-18.82	peak	H	1.5	320
5150.00	44.95	-3.63	41.32	54	-12.68	AVG	H	1.5	180
5150.00	60.24	-3.63	56.61	74	-17.39	peak	V	1.5	100
5150.00	46.84	-3.63	43.21	54	-10.79	AVG	V	1.5	127

Worse case mode:		802.11ax(HE80)		Test channel:		58			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5350.00	58.34	-3.59	54.75	74	-19.25	peak	H	1.5	345
5350.00	44.08	-3.59	40.49	54	-13.51	AVG	H	1.5	293
5350.00	60.02	-3.59	56.43	74	-17.57	peak	V	1.5	212
5350.00	46.15	-3.59	42.56	54	-11.44	AVG	V	1.5	314

Worse case mode:		802.11ax(HE80)		Test channel:		106			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5470.00	58.36	-3.44	54.92	74	-19.08	peak	H	1.5	36
5470.00	43.58	-3.44	40.14	54	-13.86	AVG	H	1.5	219
5470.00	58.11	-3.44	54.67	74	-19.33	peak	V	1.5	219
5470.00	46.05	-3.44	42.61	54	-11.39	AVG	V	1.5	329

Worse case mode:		802.11ax(HE80)		Test channel:		155			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
5850.00	58.76	-3.42	55.34	74	-18.66	peak	H	1.5	333
5850.00	44.44	-3.42	41.02	54	-12.98	AVG	H	1.5	255
5850.00	60.19	-3.42	56.77	74	-17.23	peak	V	1.5	313
5850.00	46.30	-3.42	42.88	54	-11.12	AVG	V	1.5	256

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

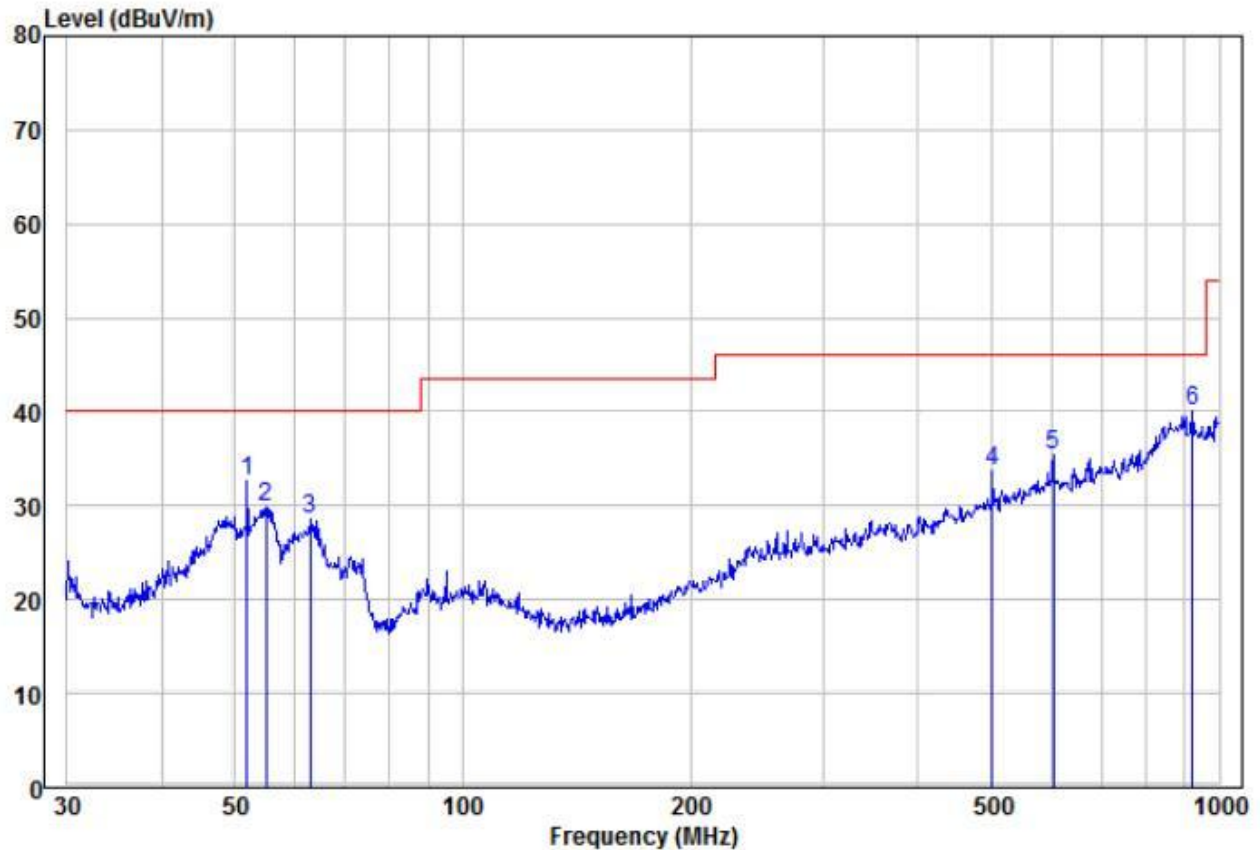
Appendix J): Radiated Spurious Emissions

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:					
Below 1GHz test procedure as below: - The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Above 1GHz test procedure as below: - Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre) - Test the EUT in the lowest channel ,the middle channel ,the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.					
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBμV/cm)	Remark	Measurement distance (cm)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				
Test result:		PASS			

Test Data:

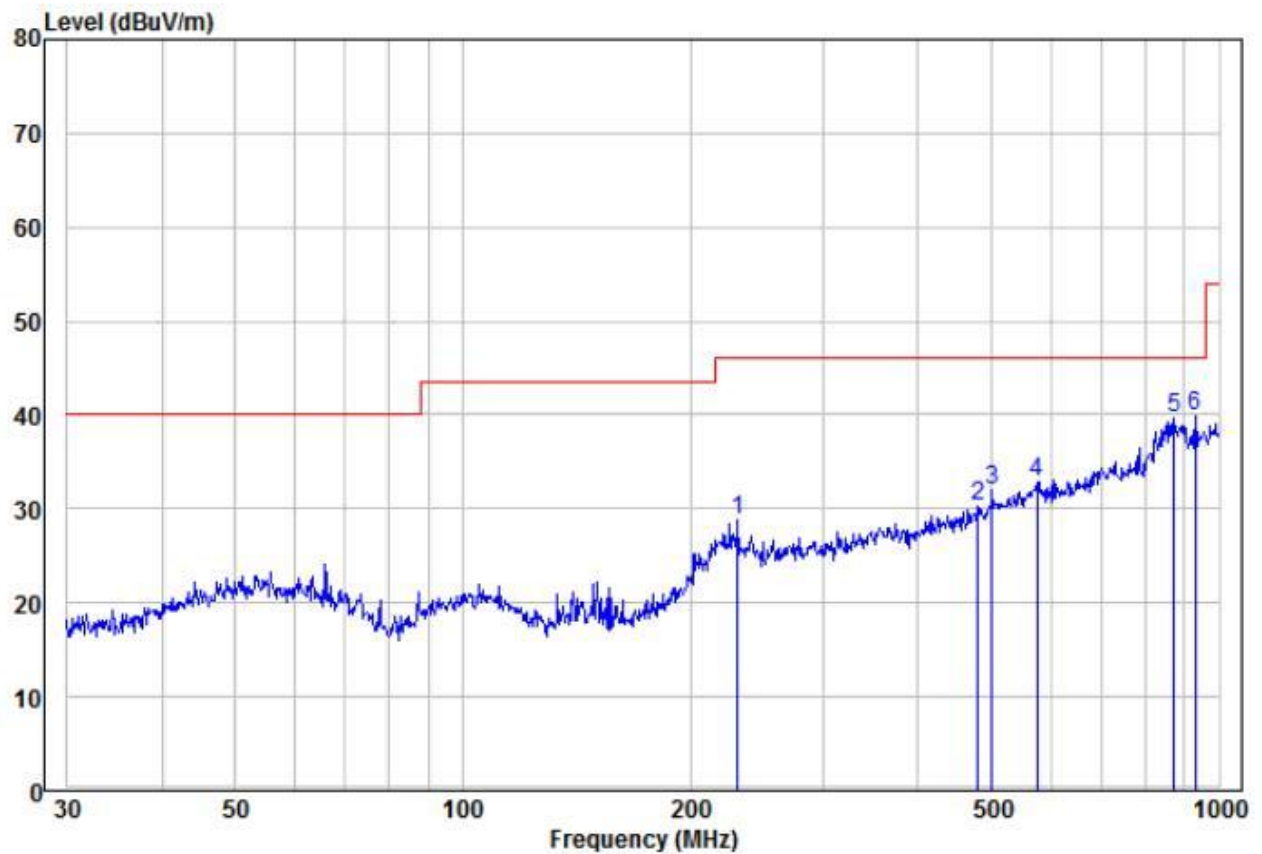
Radiated Emission below 1GHz

30MHz~1GHz		
Test mode:	Transmitting (802.11ac 36CH)	Vertical



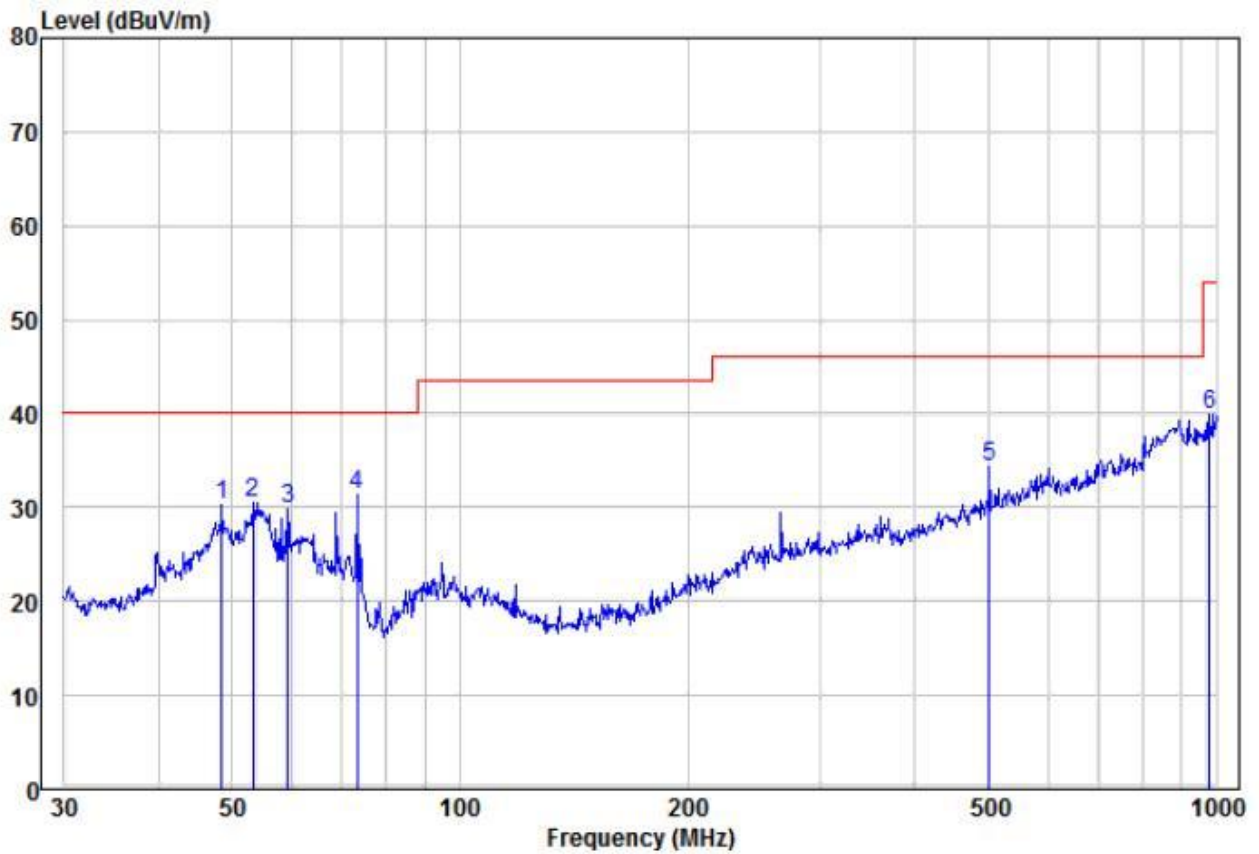
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	51.84	19.95	12.67	32.62	40.00	-7.38	Peak	VERTICAL	100	118
2	55.03	16.99	12.83	29.82	40.00	-10.18	Peak	VERTICAL	100	120
3	62.87	17.13	11.37	28.50	40.00	-11.50	Peak	VERTICAL	100	225
4	501.18	12.78	20.94	33.72	46.00	-12.28	Peak	VERTICAL	100	248
5	603.54	13.14	22.34	35.48	46.00	-10.52	Peak	VERTICAL	100	188
6 pp	922.52	12.19	27.89	40.08	46.00	-5.92	Peak	VERTICAL	100	217

Test mode:	Transmitting (802.11ac 36CH)	Horizontal
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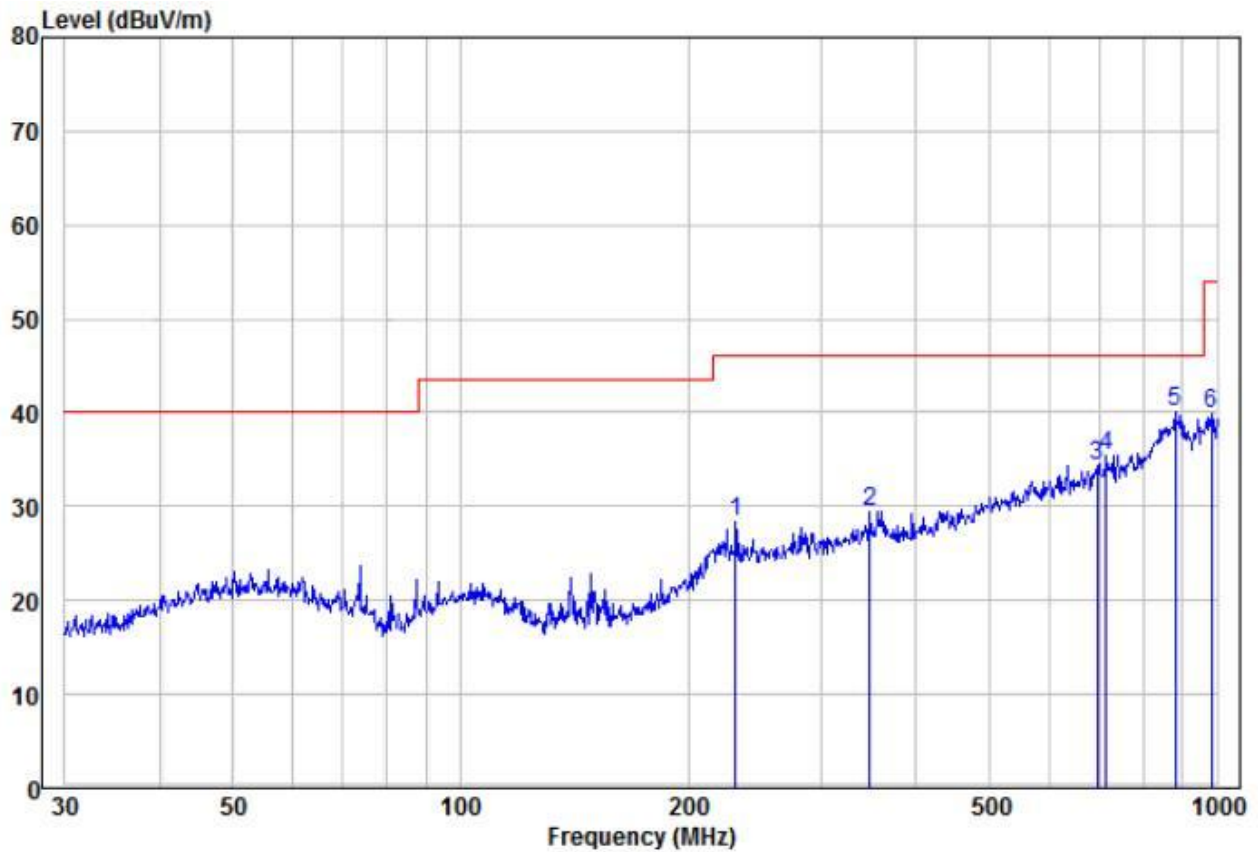
	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	230.91	14.57	14.25	28.82	46.00	-17.18	Peak	HORIZONTAL	100	126
2	480.53	9.89	20.34	30.23	46.00	-15.77	Peak	HORIZONTAL	100	92
3	501.18	11.17	20.94	32.11	46.00	-13.89	Peak	HORIZONTAL	100	224
4	574.63	10.57	22.19	32.76	46.00	-13.24	Peak	HORIZONTAL	100	119
5	872.18	10.82	28.84	39.66	46.00	-6.34	Peak	HORIZONTAL	100	115
6 pp	932.27	11.89	27.92	39.81	46.00	-6.19	Peak	HORIZONTAL	100	135

30MHz~1GHz		
Test mode:	Transmitting (802.11ac 52CH)	Vertical



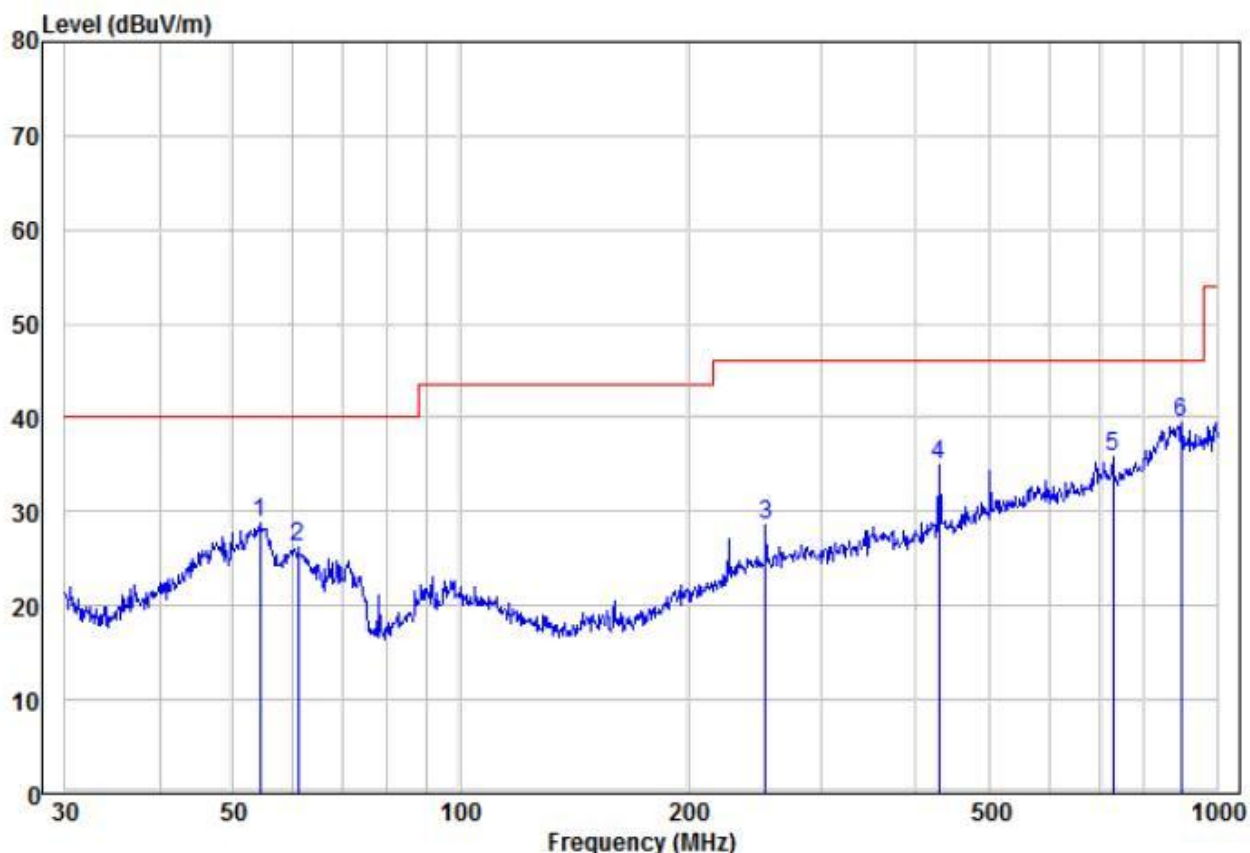
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	48.50	17.88	12.42	30.30	40.00	-9.70	Peak	VERTICAL	100	118
2	53.32	17.80	12.74	30.54	40.00	-9.46	Peak	VERTICAL	100	254
3	59.23	17.67	12.19	29.86	40.00	-10.14	Peak	VERTICAL	100	187
4 pp	73.10	22.35	9.04	31.39	40.00	-8.61	Peak	VERTICAL	100	222
5	501.18	13.46	20.94	34.40	46.00	-11.60	Peak	VERTICAL	100	128
6	979.18	11.80	28.18	39.98	54.00	-14.02	Peak	VERTICAL	100	140

Test mode:	Transmitting (802.11ac 52CH)	Horizontal
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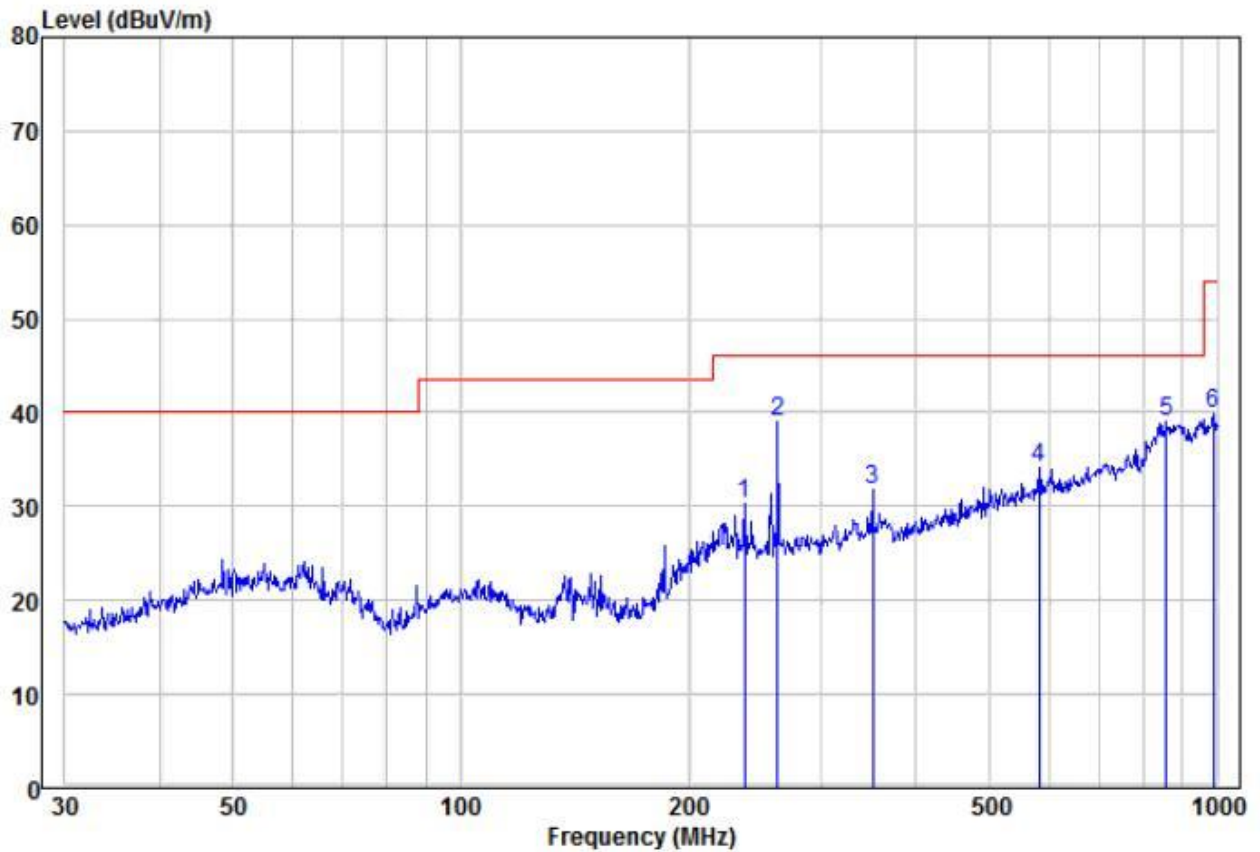
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	230.91	14.04	14.25	28.29	46.00	-17.71	Peak	HORIZONTAL	100	13
2	348.03	11.44	18.09	29.53	46.00	-16.47	Peak	HORIZONTAL	100	259
3	694.42	10.74	23.71	34.45	46.00	-11.55	Peak	HORIZONTAL	100	305
4	714.17	11.41	23.91	35.32	46.00	-10.68	Peak	HORIZONTAL	100	223
5 pp	881.41	11.22	28.99	40.21	46.00	-5.79	Peak	HORIZONTAL	100	181
6	982.62	11.68	28.20	39.88	54.00	-14.12	Peak	HORIZONTAL	100	76

30MHz~1GHz		
Test mode:	Transmitting (802.11ac 100CH)	Vertical



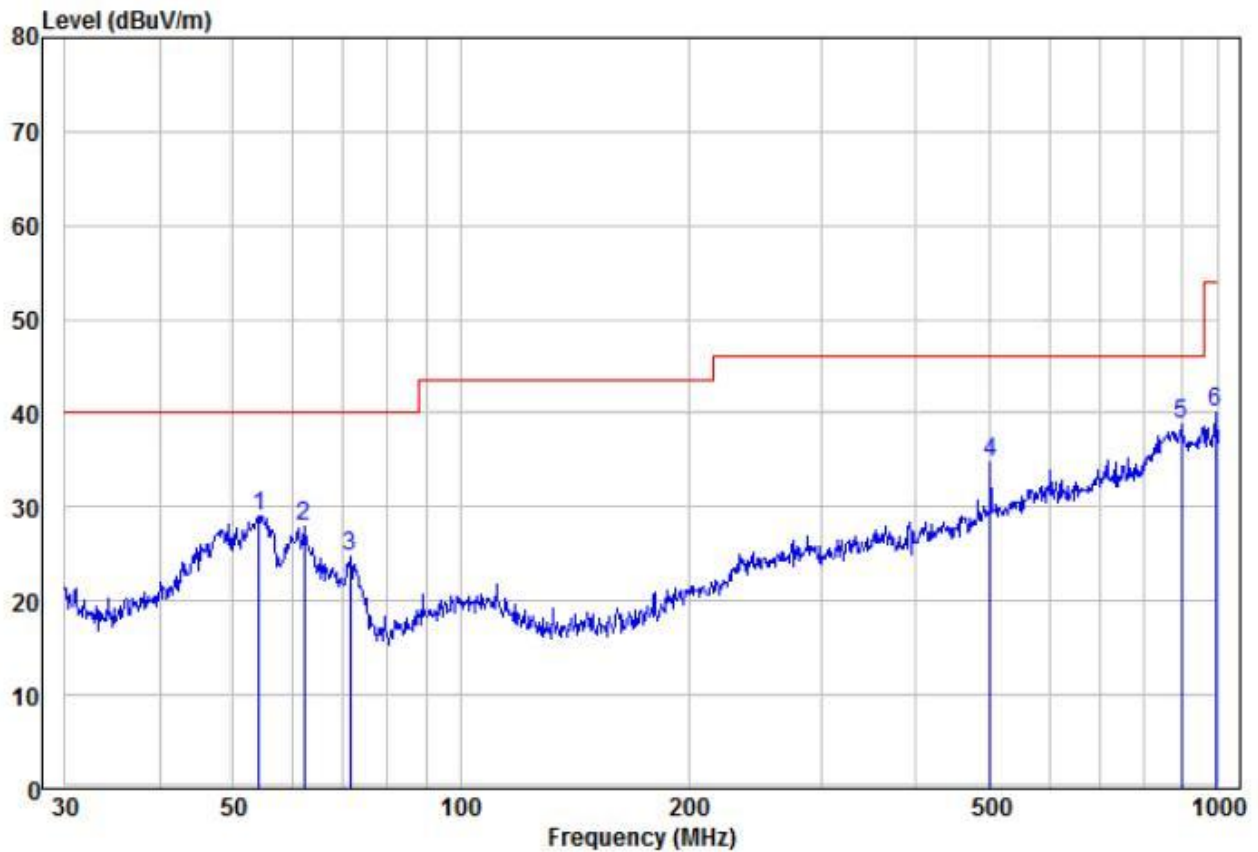
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	54.26	16.08	12.79	28.87	40.00	-11.13	Peak	VERTICAL	100	92
2	60.92	14.43	11.85	26.28	40.00	-13.72	Peak	VERTICAL	100	334
3	252.95	12.81	15.79	28.60	46.00	-17.40	Peak	VERTICAL	100	22
4	429.52	15.96	19.00	34.96	46.00	-11.04	Peak	VERTICAL	100	120
5	729.36	11.70	24.07	35.77	46.00	-10.23	Peak	VERTICAL	100	155
6 pp	897.00	10.50	29.05	39.55	46.00	-6.45	Peak	VERTICAL	100	36

Test mode:	Transmitting (802.11ac 100CH)	Horizontal
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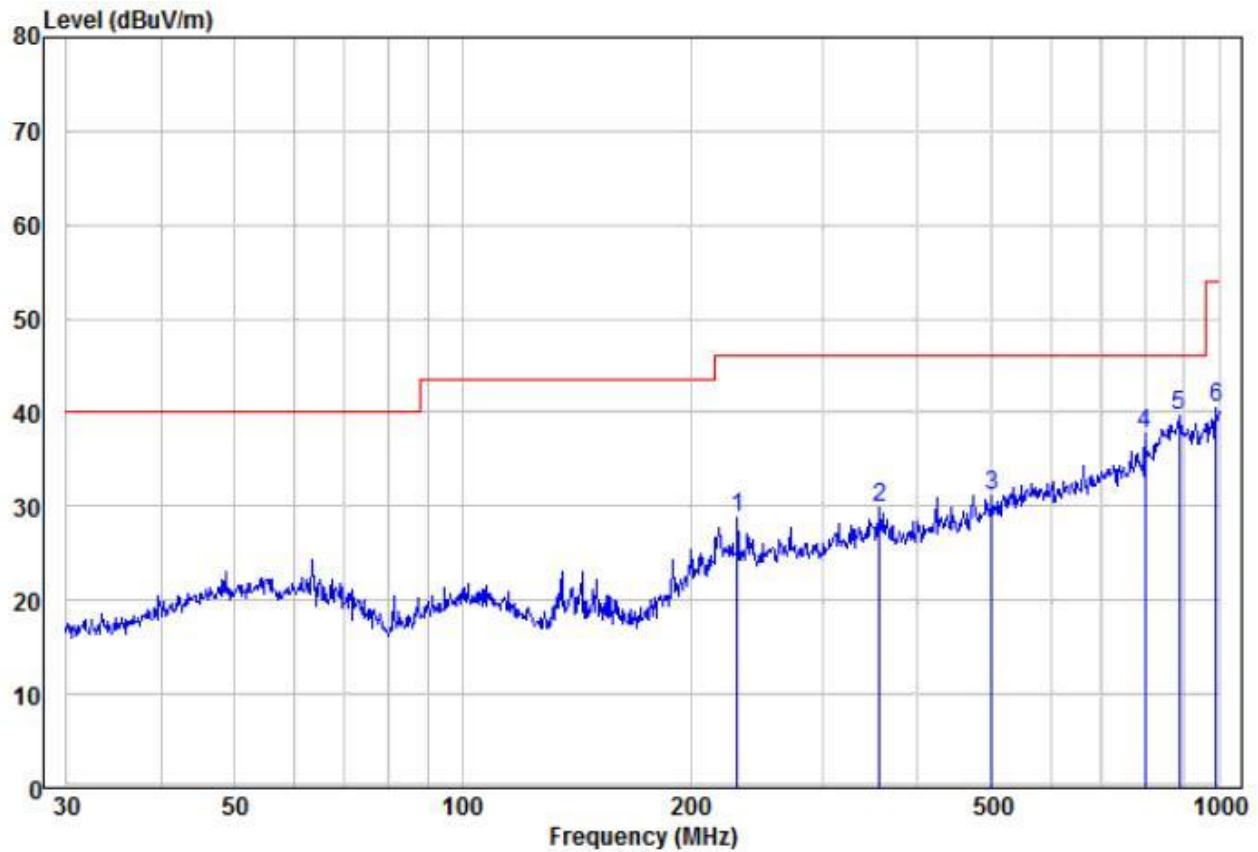
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	237.48	15.29	14.96	30.25	46.00	-15.75	Peak	HORIZONTAL	100	155
2	262.90	23.11	16.02	39.13	46.00	-6.87	Peak	HORIZONTAL	100	277
3	350.48	13.62	18.15	31.77	46.00	-14.23	Peak	HORIZONTAL	100	219
4	582.74	12.19	21.88	34.07	46.00	-11.93	Peak	HORIZONTAL	100	230
5	857.02	10.39	28.57	38.96	46.00	-7.04	Peak	HORIZONTAL	100	217
6	989.54	11.68	28.24	39.92	54.00	-14.08	Peak	HORIZONTAL	100	217

30MHz~1GHz		
Test mode:	Transmitting (802.11ac 149CH)	Vertical



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	54.07	16.26	12.77	29.03	40.00	-10.97	Peak	VERTICAL	100	184
2	62.00	16.32	11.59	27.91	40.00	-12.09	Peak	VERTICAL	100	241
3	71.33	15.38	9.37	24.75	40.00	-15.25	Peak	VERTICAL	100	165
4	501.18	13.83	20.94	34.77	46.00	-11.23	Peak	VERTICAL	100	198
5 pp	897.00	9.76	29.05	38.81	46.00	-7.19	Peak	VERTICAL	100	247
6	996.50	11.86	28.28	40.14	54.00	-13.86	Peak	VERTICAL	100	168

Test mode:	Transmitting (802.11ac 149CH)	Horizontal
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	230.91	14.58	14.25	28.83	46.00	-17.17	Peak	HORIZONTAL	100	116
2	356.68	11.60	18.31	29.91	46.00	-16.09	Peak	HORIZONTAL	100	162
3	501.18	10.31	20.94	31.25	46.00	-14.75	Peak	HORIZONTAL	100	187
4	798.98	12.19	25.57	37.76	46.00	-8.24	Peak	HORIZONTAL	100	265
5 pp	887.61	10.66	29.09	39.75	46.00	-6.25	Peak	HORIZONTAL	100	258
6	993.01	12.35	28.26	40.61	54.00	-13.39	Peak	HORIZONTAL	100	354

Transmitter Emission above 1GHz

Ant1:

Test mode:	802.11a(6Mbps)			Test channel:		36 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10360	54.09	2.29	56.38	68.2	-11.82	peak	H	1.5	86
10360	36.58	2.29	38.87	54	-15.13	AVG	H	1.5	208
15540	50.78	3.77	54.55	68.2	-13.65	peak	H	1.5	109
15540	38.67	3.77	42.44	54	-11.56	AVG	H	1.5	186
10360	55.14	2.29	57.43	68.2	-10.77	peak	V	1.5	290
10360	39.38	2.29	41.67	54	-12.33	AVG	V	1.5	42
15540	50.32	3.77	54.09	68.2	-14.11	peak	V	1.5	230
15540	35.91	3.77	39.68	54	-14.32	AVG	V	1.5	212

Test mode:	802.11a(6Mbps)			Test channel:		48 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10480	53.08	2.31	55.39	68.2	-12.81	peak	H	1.5	222
10480	36.73	2.31	39.04	54	-14.96	AVG	H	1.5	11
15720	49.83	3.79	53.62	68.2	-14.58	peak	H	1.5	228
15720	36.94	3.79	40.73	54	-13.27	AVG	H	1.5	69
10480	53.39	2.31	55.70	68.2	-12.50	peak	V	1.5	210
10480	36.50	2.31	38.81	54	-15.19	AVG	V	1.5	279
15720	49.12	3.79	52.91	68.2	-15.29	peak	V	1.5	275
15720	35.11	3.79	38.90	54	-15.10	AVG	V	1.5	205

Test mode:	802.11a(6Mbps)			Test channel:		52 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10520	54.06	2.29	56.35	68.2	-11.85	peak	H	1.5	116
10520	37.23	2.29	39.52	54	-14.48	AVG	H	1.5	28
15780	52.01	3.77	55.78	68.2	-12.42	peak	H	1.5	107
15780	37.41	3.77	41.18	54	-12.82	AVG	H	1.5	108
10520	55.39	2.29	57.68	68.2	-10.52	peak	V	1.5	83
10520	39.98	2.29	42.27	54	-11.73	AVG	V	1.5	126
15780	51.94	3.77	55.71	68.2	-12.49	peak	V	1.5	270
15780	36.65	3.77	40.42	54	-13.58	AVG	V	1.5	330

Test mode:	802.11a(6Mbps)			Test channel:		64 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10640	52.19	2.31	54.50	68.2	-13.70	peak	H	1.5	311
10640	37.91	2.31	40.22	54	-13.78	AVG	H	1.5	212
15960	49.74	3.79	53.53	68.2	-14.67	peak	H	1.5	276
15960	36.87	3.79	40.66	54	-13.34	AVG	H	1.5	135
10640	53.44	2.31	55.75	68.2	-12.45	peak	V	1.5	256
10640	37.68	2.31	39.99	54	-14.01	AVG	V	1.5	114
15960	50.00	3.79	53.79	68.2	-14.41	peak	V	1.5	330
15960	36.41	3.79	40.20	54	-13.80	AVG	V	1.5	359

Test mode:	802.11a(6Mbps)			Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11000	51.45	2.54	53.99	68.2	-14.21	peak	H	1.5	73
11000	37.48	2.54	40.02	54	-13.98	AVG	H	1.5	36
16500	51.20	3.94	55.14	68.2	-13.06	peak	H	1.5	156
16500	37.96	3.94	41.90	54	-12.10	AVG	H	1.5	70
11000	54.71	2.54	57.25	68.2	-10.95	peak	V	1.5	25
11000	37.43	2.54	39.97	54	-14.03	AVG	V	1.5	169
16500	50.28	3.94	54.22	68.2	-13.98	peak	V	1.5	142
16500	37.22	3.94	41.16	54	-12.84	AVG	V	1.5	352

Test mode:	802.11a(6Mbps)			Test channel:		144			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11440	51.86	2.58	54.44	68.2	-13.76	peak	H	1.5	299
11440	38.87	2.58	41.45	54	-12.55	AVG	H	1.5	26
17160	49.72	4.02	53.74	68.2	-14.46	peak	H	1.5	37
17160	36.32	4.02	40.34	54	-13.66	AVG	H	1.5	166
11440	54.25	2.58	56.83	68.2	-11.37	peak	V	1.5	107
11440	37.54	2.58	40.12	54	-13.88	AVG	V	1.5	57
17160	51.21	4.02	55.23	68.2	-12.97	peak	V	1.5	320
17160	37.86	4.02	41.88	54	-12.12	AVG	V	1.5	231

Test mode:	802.11a(6Mbps)			Test channel:		149			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11490	52.42	2.54	54.96	68.2	-13.24	peak	H	1.5	82
11490	38.12	2.54	40.66	54	-13.34	AVG	H	1.5	79
17235	50.66	3.94	54.60	68.2	-13.60	peak	H	1.5	65
17235	36.38	3.94	40.32	54	-13.68	AVG	H	1.5	355
11490	53.45	2.54	55.99	68.2	-12.21	peak	V	1.5	26
11490	37.25	2.54	39.79	54	-14.21	AVG	V	1.5	248
17235	50.61	3.94	54.55	68.2	-13.65	peak	V	1.5	12
17235	37.84	3.94	41.78	54	-12.22	AVG	V	1.5	120

Test mode:	802.11a(6Mbps)			Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11650	52.13	2.58	54.71	68.2	-13.49	peak	H	1.5	289
11650	38.89	2.58	41.47	54	-12.53	AVG	H	1.5	9
17475	49.99	4.02	54.01	68.2	-14.19	peak	H	1.5	113
17475	37.21	4.02	41.23	54	-12.77	AVG	H	1.5	186
11650	55.14	2.58	57.72	68.2	-10.48	peak	V	1.5	160
11650	38.59	2.58	41.17	54	-12.83	AVG	V	1.5	290
17475	50.70	4.02	54.72	68.2	-13.48	peak	V	1.5	141
17475	37.86	4.02	41.88	54	-12.12	AVG	V	1.5	83

Remark:

- 1) The 802.11a 6Mbps of rate is the worst case, only the worst data recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 3) Scan from 9kHz to 40GHz,The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Ant2:

Test mode:	802.11a(6Mbps)			Test channel:		36 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10360	53.80	2.29	56.09	68.2	-12.11	peak	H	1.5	232
10360	37.55	2.29	39.84	54	-14.16	AVG	H	1.5	212
15540	51.96	3.77	55.73	68.2	-12.47	peak	H	1.5	134
15540	38.53	3.77	42.30	54	-11.70	AVG	H	1.5	82
10360	55.44	2.29	57.73	68.2	-10.47	peak	V	1.5	190
10360	39.10	2.29	41.39	54	-12.61	AVG	V	1.5	28
15540	51.41	3.77	55.18	68.2	-13.02	peak	V	1.5	132
15540	35.45	3.77	39.22	54	-14.78	AVG	V	1.5	65

Test mode:	802.11a(6Mbps)			Test channel:		48 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10480	52.76	2.31	55.07	68.2	-13.13	peak	H	1.5	297
10480	36.31	2.31	38.62	54	-15.38	AVG	H	1.5	309
15720	49.28	3.79	53.07	68.2	-15.13	peak	H	1.5	94
15720	36.52	3.79	40.31	54	-13.69	AVG	H	1.5	198
10480	53.68	2.31	55.99	68.2	-12.21	peak	V	1.5	288
10480	36.20	2.31	38.51	54	-15.49	AVG	V	1.5	138
15720	49.20	3.79	52.99	68.2	-15.21	peak	V	1.5	30
15720	36.34	3.79	40.13	54	-13.87	AVG	V	1.5	297

Test mode:	802.11a(6Mbps)			Test channel:		52 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10520	52.65	2.29	54.94	68.2	-13.26	peak	H	1.5	349
10520	37.61	2.29	39.90	54	-14.10	AVG	H	1.5	216
15780	50.50	3.77	54.27	68.2	-13.93	peak	H	1.5	148
15780	37.79	3.77	41.56	54	-12.44	AVG	H	1.5	107
10520	55.97	2.29	58.26	68.2	-9.94	peak	V	1.5	264
10520	39.03	2.29	41.32	54	-12.68	AVG	V	1.5	65
15780	50.46	3.77	54.23	68.2	-13.97	peak	V	1.5	43
15780	35.49	3.77	39.26	54	-14.74	AVG	V	1.5	226

Test mode:	802.11a(6Mbps)			Test channel:		64 CH			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
10640	51.26	2.31	53.57	68.2	-14.63	peak	H	1.5	249
10640	36.60	2.31	38.91	54	-15.09	AVG	H	1.5	62
15960	48.45	3.79	52.24	68.2	-15.96	peak	H	1.5	184
15960	35.58	3.79	39.37	54	-14.63	AVG	H	1.5	97
10640	53.32	2.31	55.63	68.2	-12.57	peak	V	1.5	57
10640	36.77	2.31	39.08	54	-14.92	AVG	V	1.5	213
15960	49.41	3.79	53.20	68.2	-15.00	peak	V	1.5	254
15960	36.67	3.79	40.46	54	-13.54	AVG	V	1.5	321

Test mode:	802.11a(6Mbps)			Test channel:		100			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11000	51.63	2.54	54.17	68.2	-14.03	peak	H	1.5	353
11000	38.48	2.54	41.02	54	-12.98	AVG	H	1.5	277
16500	50.33	3.94	54.27	68.2	-13.93	peak	H	1.5	99
16500	37.62	3.94	41.56	54	-12.44	AVG	H	1.5	256
11000	54.51	2.54	57.05	68.2	-11.15	peak	V	1.5	239
11000	37.30	2.54	39.84	54	-14.16	AVG	V	1.5	241
16500	49.74	3.94	53.68	68.2	-14.52	peak	V	1.5	70
16500	36.53	3.94	40.47	54	-13.53	AVG	V	1.5	274

Test mode:	802.11a(6Mbps)			Test channel:		144			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11440	52.98	2.58	55.56	68.2	-12.64	peak	H	1.5	121
11440	38.36	2.58	40.94	54	-13.06	AVG	H	1.5	137
17160	49.48	4.02	53.50	68.2	-14.70	peak	H	1.5	323
17160	36.99	4.02	41.01	54	-12.99	AVG	H	1.5	309
11440	53.45	2.58	56.03	68.2	-12.17	peak	V	1.5	206
11440	37.19	2.58	39.77	54	-14.23	AVG	V	1.5	292
17160	51.20	4.02	55.22	68.2	-12.98	peak	V	1.5	212
17160	36.21	4.02	40.23	54	-13.77	AVG	V	1.5	315

Test mode:	802.11a(6Mbps)			Test channel:		149			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11490	51.68	2.54	54.22	68.2	-13.98	peak	H	1.5	289
11490	37.64	2.54	40.18	54	-13.82	AVG	H	1.5	171
17235	49.97	3.94	53.91	68.2	-14.29	peak	H	1.5	190
17235	36.15	3.94	40.09	54	-13.91	AVG	H	1.5	236
11490	53.31	2.54	55.85	68.2	-12.35	peak	V	1.5	315
11490	37.26	2.54	39.80	54	-14.20	AVG	V	1.5	42
17235	50.58	3.94	54.52	68.2	-13.68	peak	V	1.5	344
17235	36.75	3.94	40.69	54	-13.31	AVG	V	1.5	248

Test mode:	802.11a(6Mbps)			Test channel:		165			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
11650	51.96	2.58	54.54	68.2	-13.66	peak	H	1.5	50
11650	38.52	2.58	41.10	54	-12.90	AVG	H	1.5	27
17475	51.11	4.02	55.13	68.2	-13.07	peak	H	1.5	29
17475	36.51	4.02	40.53	54	-13.47	AVG	H	1.5	110
11650	54.74	2.58	57.32	68.2	-10.88	peak	V	1.5	241
11650	38.40	2.58	40.98	54	-13.02	AVG	V	1.5	314
17475	50.63	4.02	54.65	68.2	-13.55	peak	V	1.5	182
17475	37.25	4.02	41.27	54	-12.73	AVG	V	1.5	211

Remark:

- 1) The 802.11a 6Mbps of rate is the worst case, only the worst data recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 3) Scan from 9kHz to 40GHz, The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

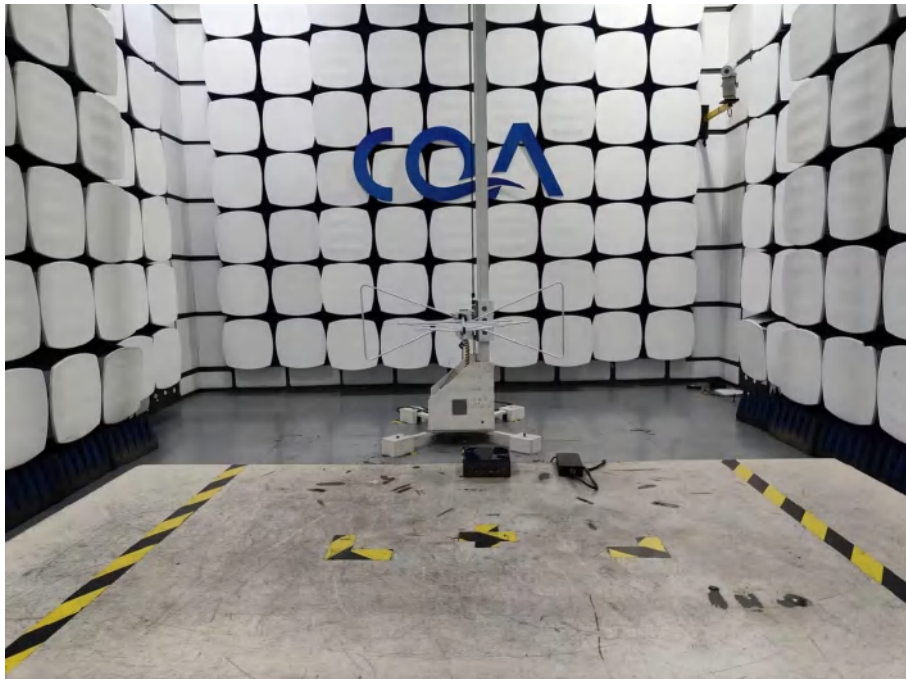
8 Photographs - EUT Test Setup

8.1 Radiated Emission

9KHz~30MHz:



30MHz~1GHz:



Above 1GHz:



8.2 Conducted Emission



9 Photographs - EUT Constructional Details

Refer to PHOTOGRAPHS OF EUT for CQASZ20260100283E-01.

*** END OF REPORT ***