AppendixE.6:Band edge measurements

Test Result B4

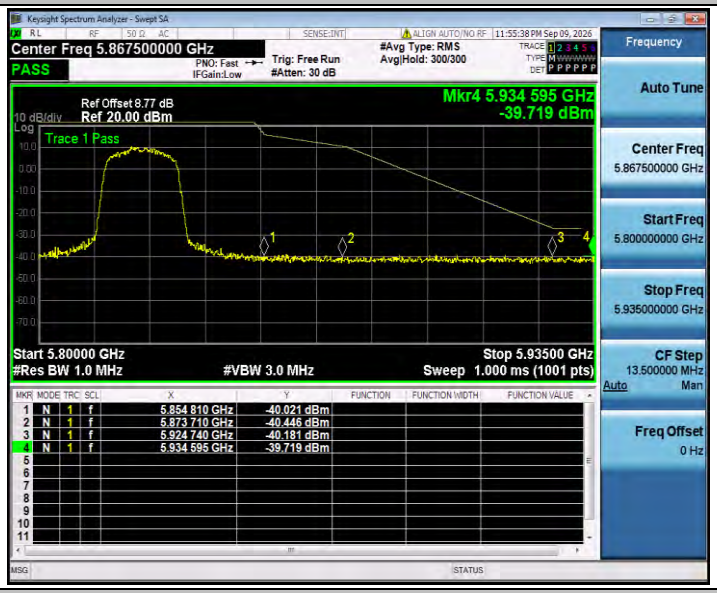
TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-40.86	≤-27	PASS
				5650~5700	-39.81	≤-26.53	PASS
				5700~5720	-40.42	≤10.35	PASS
				5720~5725	-41.25	≤15.82	PASS
		High	5825	5850~5855	-39.91	≤16.65	PASS
				5855~5875	-39.71	≤10.55	PASS
				5875~5925	-39.33	≤-25.81	PASS
				5925~5935	-39.56	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-41.22	≤-27	PASS
				5650~5700	-41.85	≤-26.79	PASS
				5700~5720	-39.93	≤10.51	PASS
				5720~5725	-40.69	≤16.60	PASS
		High	5825	5850~5855	-40.02	≤16.03	PASS
				5855~5875	-40.45	≤10.36	PASS
				5875~5925	-40.18	≤-26.81	PASS
				5925~5935	-39.72	≤-27	PASS
11N40SISO	Ant1	Low	5755	5645~5650	-40.5	≤-27	PASS
				5650~5700	-41.37	≤-26.80	PASS
				5700~5720	-39.01	≤10.44	PASS
				5720~5725	-40.47	≤15.74	PASS
		High	5795	5850~5855	-40.85	≤15.66	PASS
				5855~5875	-40.12	≤10.48	PASS
				5875~5925	-40.48	≤-26.34	PASS
				5925~5935	-38.51	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5645~5650	-40.34	≤-27	PASS
				5650~5700	-41.06	≤-26.62	PASS
				5700~5720	-39.56	≤11.09	PASS
				5720~5725	-39.76	≤16.34	PASS
		High	5825	5850~5855	-39.17	≤17.26	PASS
				5855~5875	-39.38	≤10.17	PASS
				5875~5925	-40.82	≤-26.91	PASS
				5925~5935	-39.76	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5645~5650	-41.16	≤-27	PASS
				5650~5700	-41.64	≤-26.60	PASS
				5700~5720	-40.27	≤10.10	PASS
				5720~5725	-37.9	≤16.66	PASS

		High	5795	5850~5855	-37.56	≤17.16	PASS
				5855~5875	-38.62	≤11.77	PASS
				5875~5925	-39.52	≤-26.71	PASS
				5925~5935	-40.27	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5645~5650	-41.16	≤-27	PASS
				5650~5700	-41.79	≤-26.57	PASS
				5700~5720	-32.43	≤10.27	PASS
				5720~5725	-35.46	≤17.06	PASS
		High	5775	5850~5855	-39.01	≤17.10	PASS
				5855~5875	-39.35	≤10.92	PASS
				5875~5925	-40.7	≤-26.87	PASS
				5925~5935	-40.52	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5645~5650	-40.96	≤-27	PASS
				5650~5700	-41.41	≤-26.10	PASS
				5700~5720	-40.45	≤10.12	PASS
				5720~5725	-40.22	≤16.08	PASS
		High	5825	5850~5855	-37.9	≤16.03	PASS
				5855~5875	-40.08	≤10.29	PASS
				5875~5925	-41.5	≤-26.91	PASS
				5925~5935	-39.62	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5645~5650	-41.31	≤-27	PASS
				5650~5700	-40.72	≤-26.00	PASS
				5700~5720	-40.34	≤10.06	PASS
				5720~5725	-39.29	≤15.74	PASS
		High	5795	5850~5855	-41.39	≤15.66	PASS
				5855~5875	-39.34	≤10.39	PASS
				5875~5925	-41.29	≤-26.46	PASS
				5925~5935	-39.94	≤-27	PASS
11AX80SISO	Ant1	Low	5775	5645~5650	-40.74	≤-27	PASS
				5650~5700	-41.16	≤-26.80	PASS
				5700~5720	-39.53	≤10.18	PASS
				5720~5725	-39.91	≤16.35	PASS
		High	5775	5850~5855	-40.01	≤17.10	PASS
				5855~5875	-40.43	≤10.19	PASS
				5875~5925	-41.83	≤-26.87	PASS
				5925~5935	-40.17	≤-27	PASS

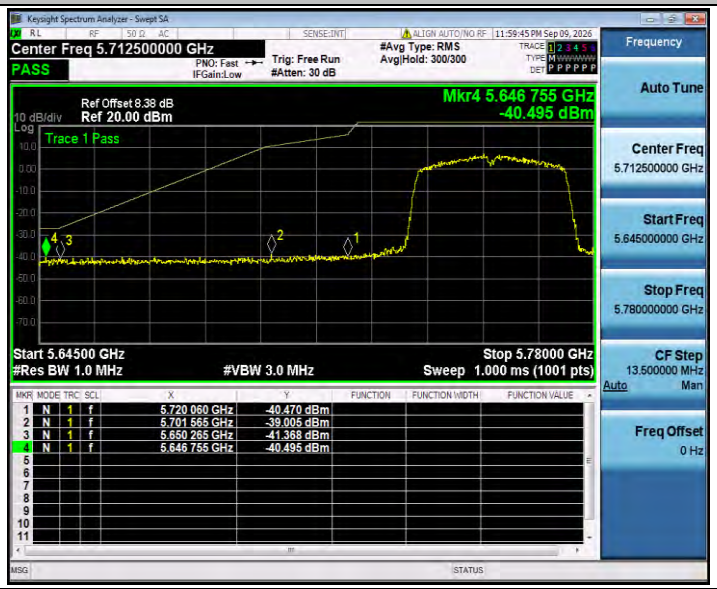
Test GraphsB4

11A_Ant1_Low_5745
11A_Ant1_High_5825
11N20SISO_Ant1_Low_5745

11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795
11AC20SISO_Ant1_Low_5745
11AC20SISO_Ant1_High_5825

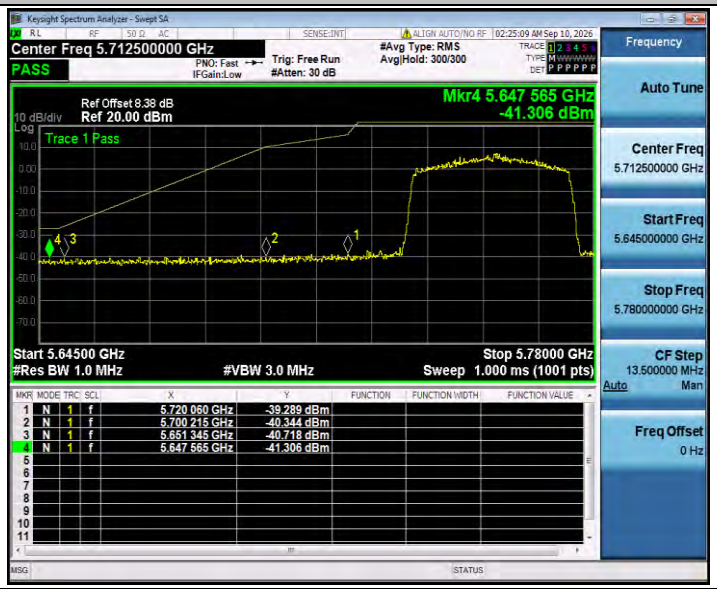
11AC40SISO_Ant1_Low_5755

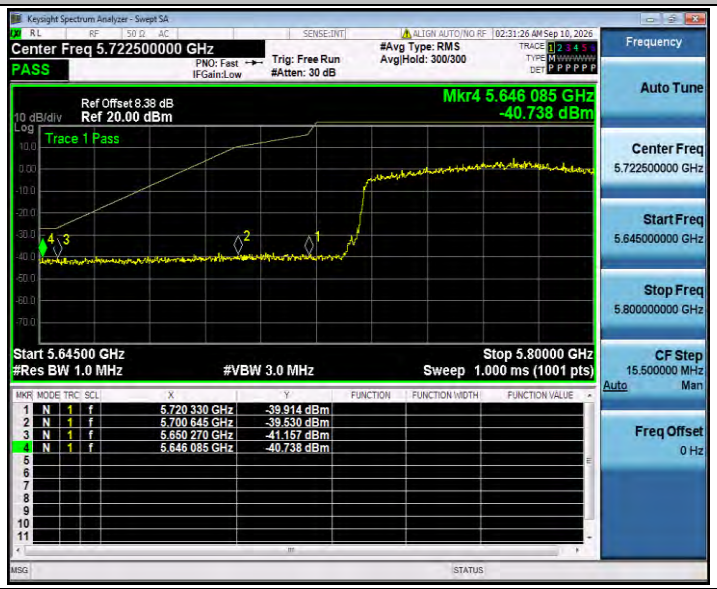
11AC40SISO_Ant1_High_5795

11AC80SISO_Ant1_Low_5775
11AC80SISO_Ant1_High_5775
11AX20SISO_Ant1_Low_5745

11AX20SISO_Ant1_High_5825

11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795
11AX80SISO_Ant1_Low_5775

11AX80SISO_Ant1_High_5775

Keysight Spectrum Analyzer - Swept SA
Center Freq 5.842500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 300/300
02:31:43 AM Sep 10, 2026
PASS
Ref Offset 8.38 dB
10 dB/div
Log
Ref 20.00 dBm
Trace 1 Pass
Mkr4 5.927 415 GHz
-40.166 dBm
Start 5.75000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.93500 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.854 340 GHz -40.014 dBm
2 N 1 f 5.874 320 GHz -40.428 dBm
3 N 1 f 5.924 825 GHz -41.828 dBm
4 N 1 f 5.927 415 GHz -40.166 dBm
Frequency
Auto Tune
Center Freq
5.842500000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.935000000 GHz
CF Step
18.500000 MHz
Auto
Man
Freq Offset
0 Hz

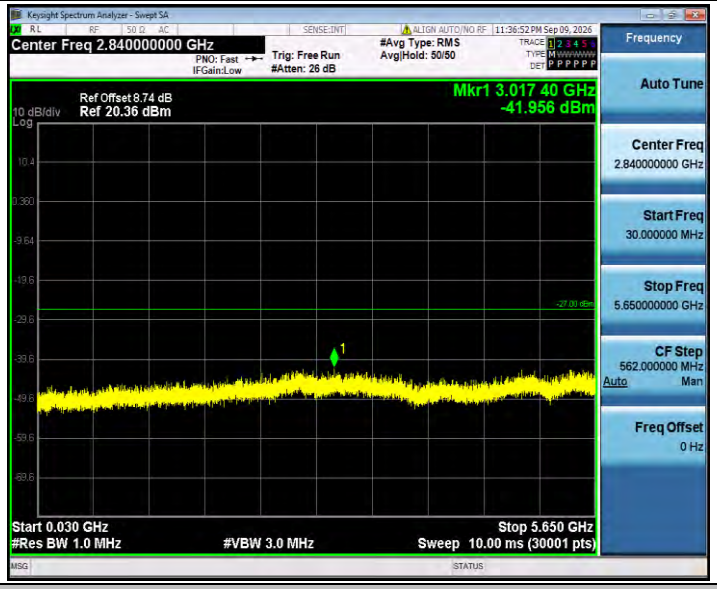
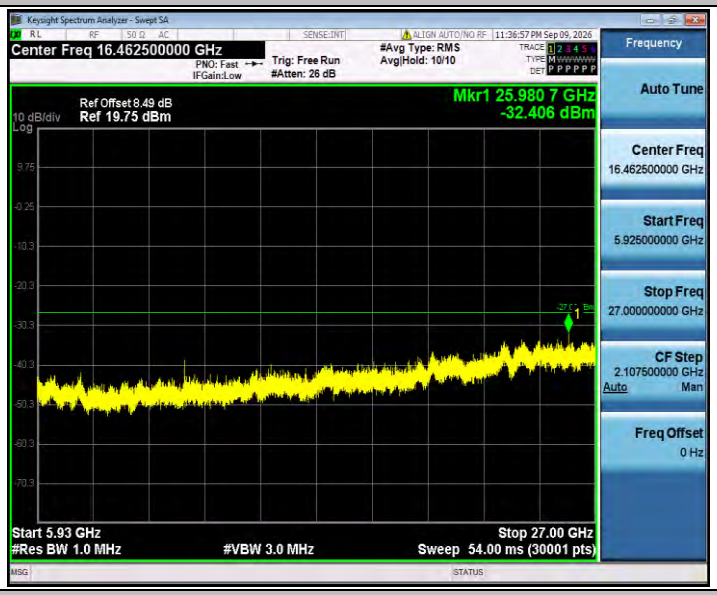
AppendixE.7:Conducted Spurious Emission

Test Result

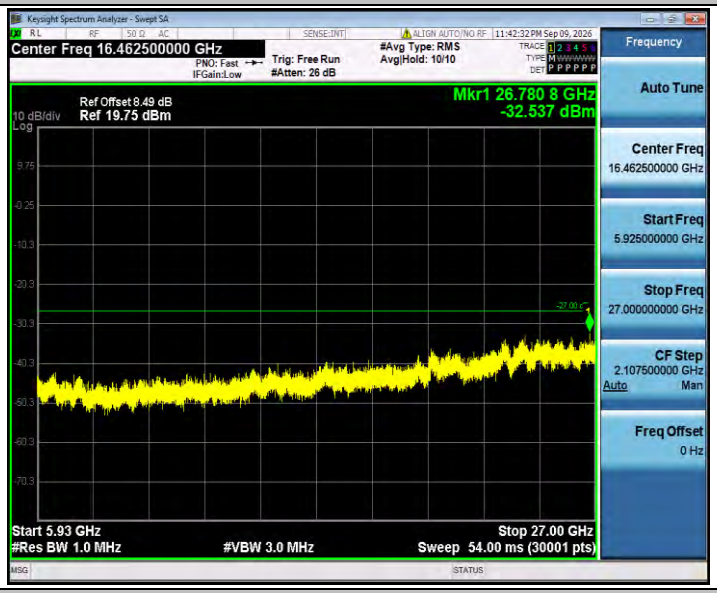
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3017.4	-41.96	≤-27	PASS
			5925~27000	25980.67	-32.41	≤-27	PASS
		5785	30~5650	5460.79	-41.86	≤-27	PASS
			5925~27000	26780.82	-32.54	≤-27	PASS
		5825	30~5650	5457.61	-41.37	≤-27	PASS
			5925~27000	24223.02	-33.51	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5452.36	-41.82	≤-27	PASS
			5925~27000	25463.63	-33.14	≤-27	PASS
		5785	30~5650	3171.77	-41.45	≤-27	PASS
			5925~27000	26506.85	-33.4	≤-27	PASS
		5825	30~5650	5468.85	-41.85	≤-27	PASS
			5925~27000	26719.7	-33.64	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2785.3	-41.86	≤-27	PASS
			5925~27000	26531.43	-33.25	≤-27	PASS
		5795	30~5650	3192.75	-41.78	≤-27	PASS
			5925~27000	24278.52	-33.33	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2662.41	-42.01	≤-27	PASS
			5925~27000	24275.71	-33.08	≤-27	PASS
		5785	30~5650	3126.25	-41.33	≤-27	PASS
			5925~27000	23597.09	-33.51	≤-27	PASS
		5825	30~5650	5608.79	-41.81	≤-27	PASS
			5925~27000	24756.92	-33.66	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2658.47	-41.04	≤-27	PASS
			5925~27000	24277.81	-33.58	≤-27	PASS
		5795	30~5650	5438.5	-41.01	≤-27	PASS
			5925~27000	24288.35	-32.18	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2671.59	-41.64	≤-27	PASS
			5925~27000	24897.42	-32.96	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5469.04	-41.1	≤-27	PASS
			5925~27000	25098.33	-31.88	≤-27	PASS
		5785	30~5650	3192.37	-42.03	≤-27	PASS
			5925~27000	23533.16	-33.35	≤-27	PASS
		5825	30~5650	5576.75	-41.77	≤-27	PASS
			5925~27000	23573.91	-33.1	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5458.55	-41.46	≤-27	PASS
			5925~27000	25222.68	-33.75	≤-27	PASS

		5795	30~5650	4981.78	-41.8	≤-27	PASS
			5925~27000	24824.36	-33.76	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5455.36	-41.31	≤-27	PASS
			5925~27000	26024.23	-34.18	≤-27	PASS

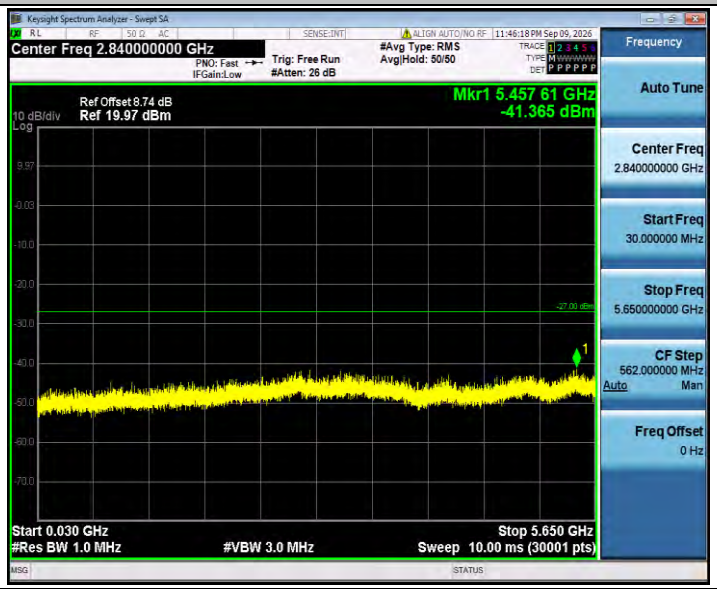
Test Graphs

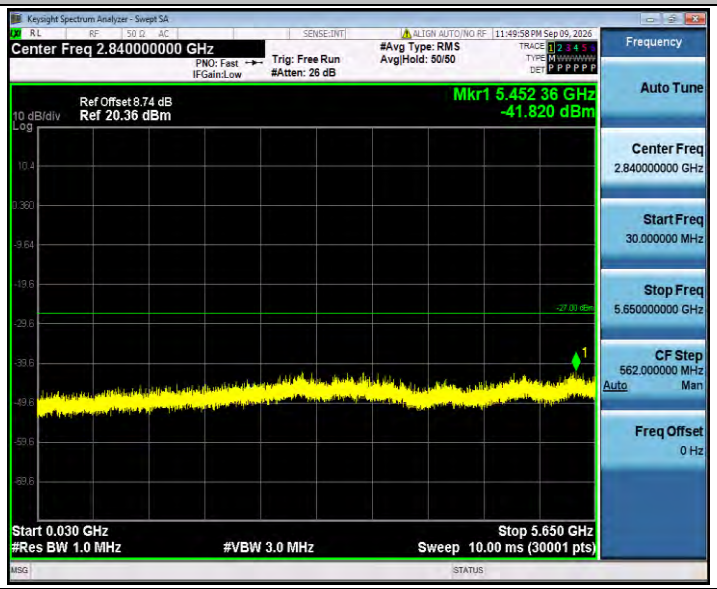
11A_Ant1_5745_30~5650

11A_Ant1_5745_5925~27000

11A_Ant1_5785_30~5650

11A_Ant1_5785_5925~27000



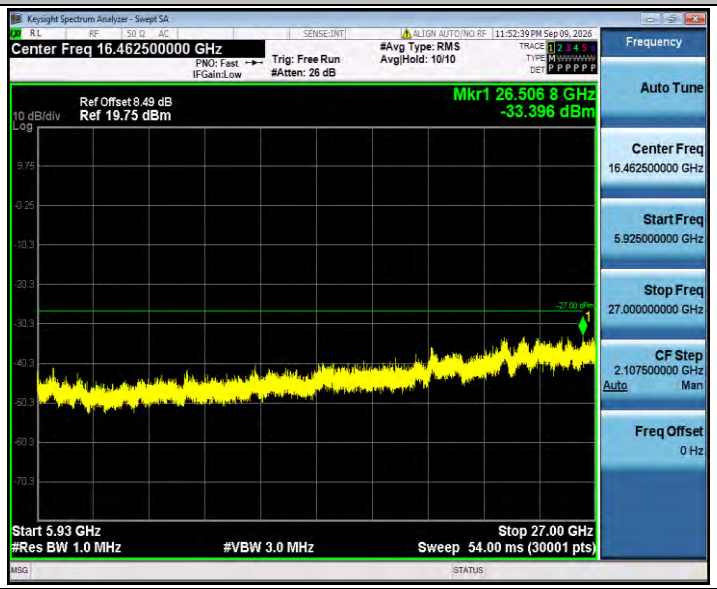
11A_Ant1_5825_30~5650

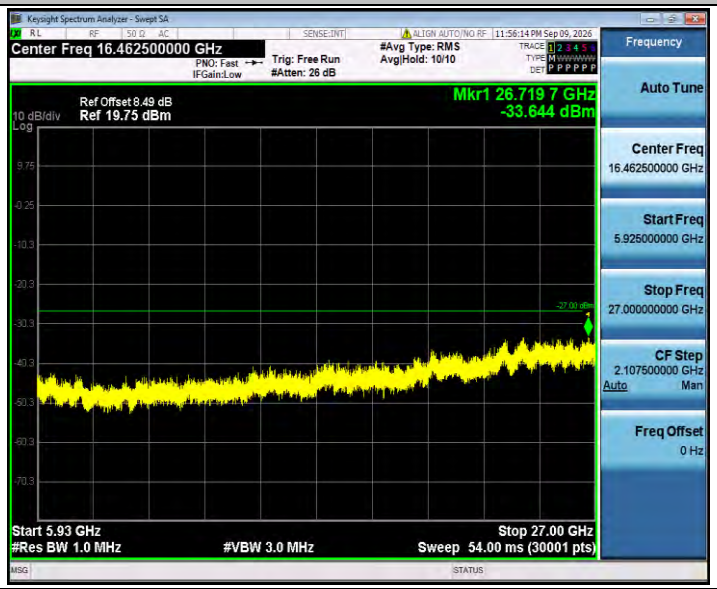


11A_Ant1_5825_5925~27000
11N20SISO_Ant1_5745_30~5650

11N20SISO_Ant1_5745_5925~27000

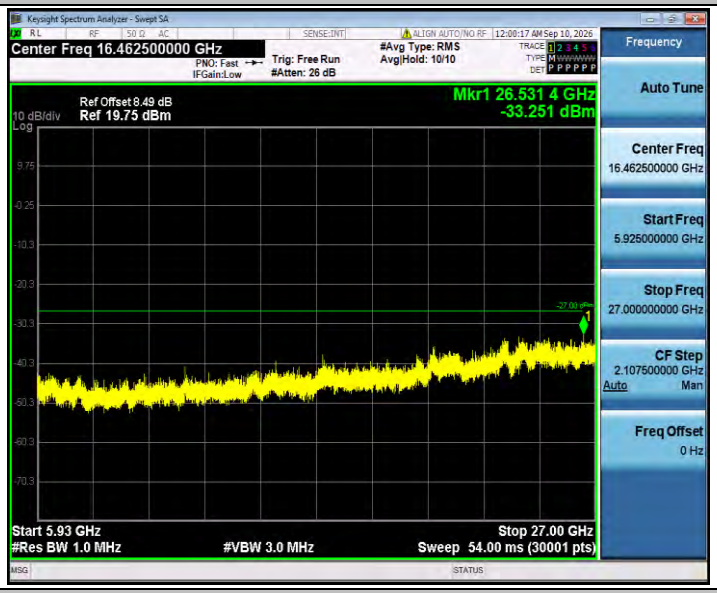
11N20SISO_Ant1_5785_30~5650

11N20SISO_Ant1_5785_5925~27000

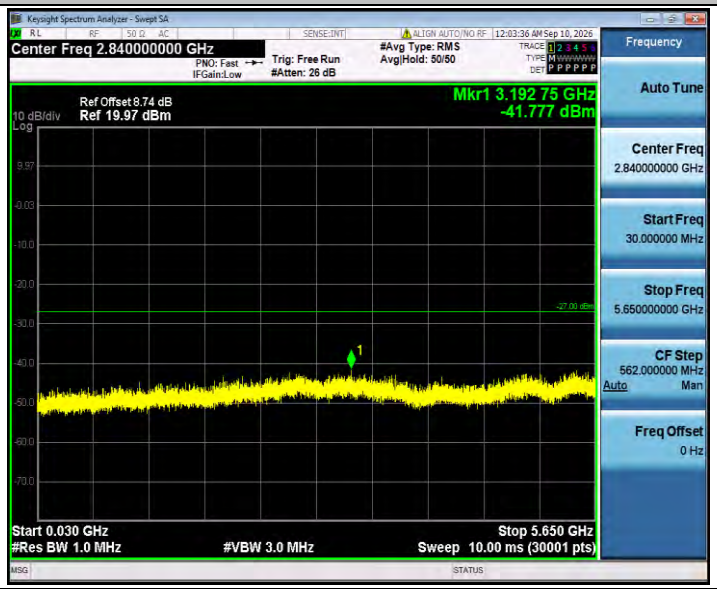


11N20SISO_Ant1_5825_30~5650
11N20SISO_Ant1_5825_5925~27000

11N40SISO_Ant1_5755_30~5650

11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



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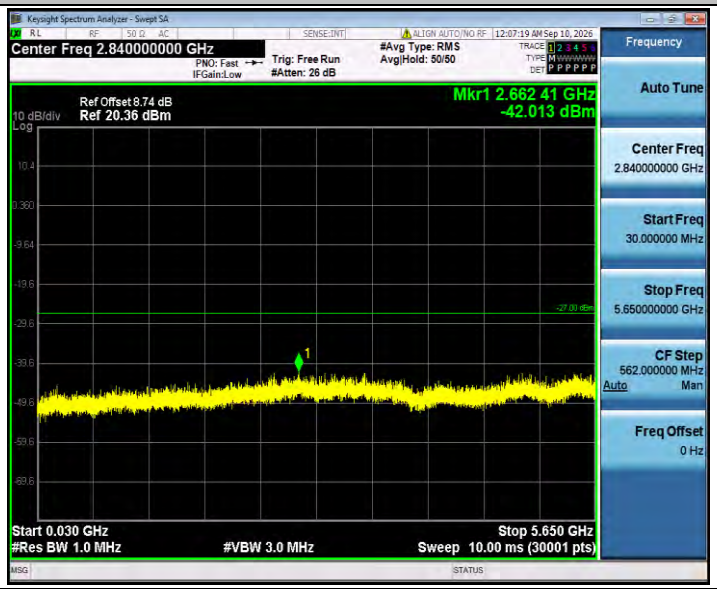
11AC20SISO_Ant1_5745_30~5650

11AC20SISO_Ant1_5745_5925~27000

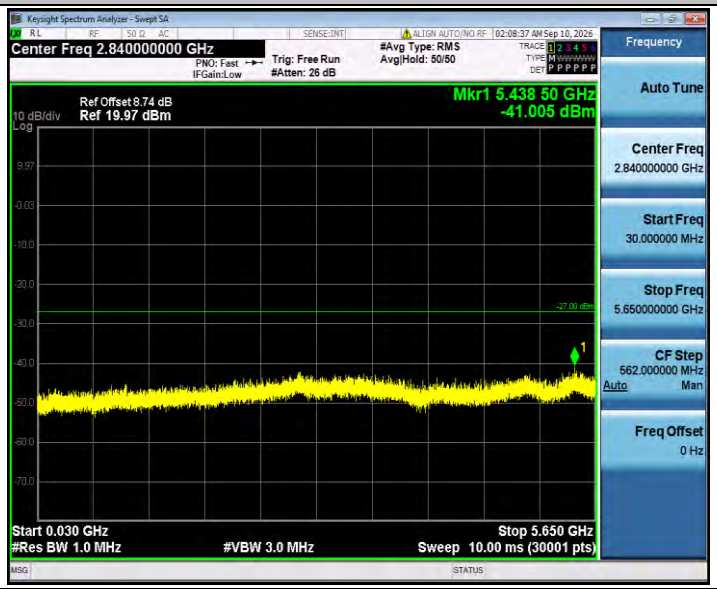
11AC20SISO_Ant1_5785_30~5650

11AC20SISO_Ant1_5785_5925~27000

11AC20SISO_Ant1_5825_30~5650
11AC20SISO_Ant1_5825_5925~27000
11AC40SISO_Ant1_5755_30~5650

11AC40SISO_Ant1_5755_5925~27000

11AC40SISO_Ant1_5795_30~5650



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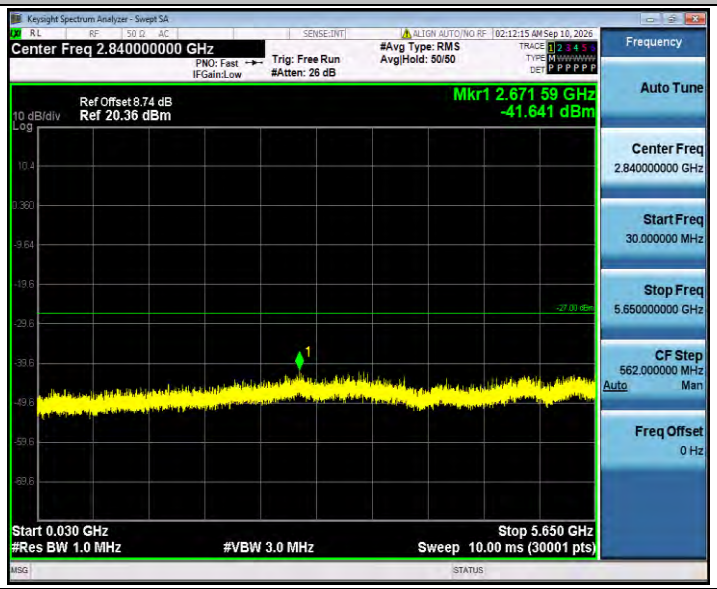
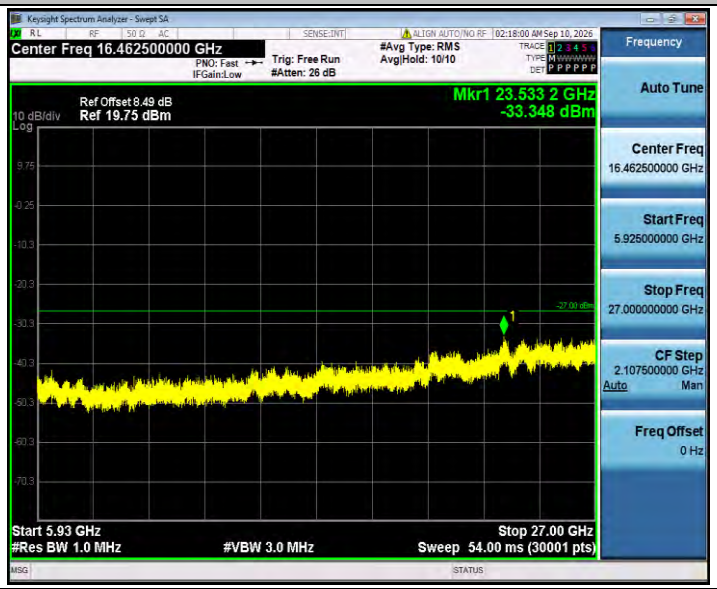
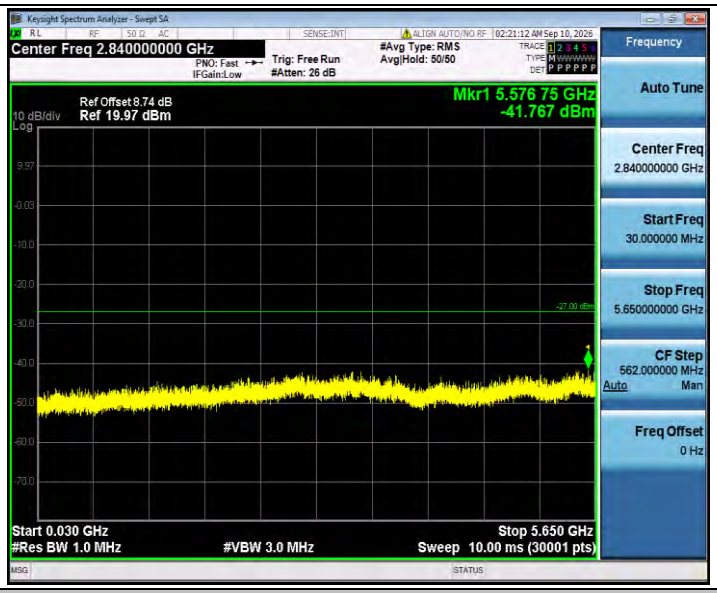
11AC80SISO_Ant1_5775_30~5650

11AC80SISO_Ant1_5775_5925~27000

11AX20SISO_Ant1_5745_30~5650

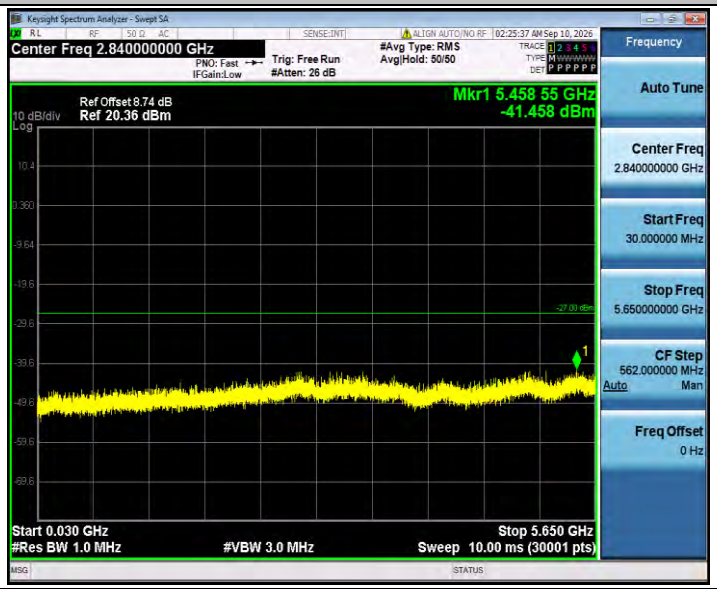
11AX20SISO_Ant1_5745_5925~27000

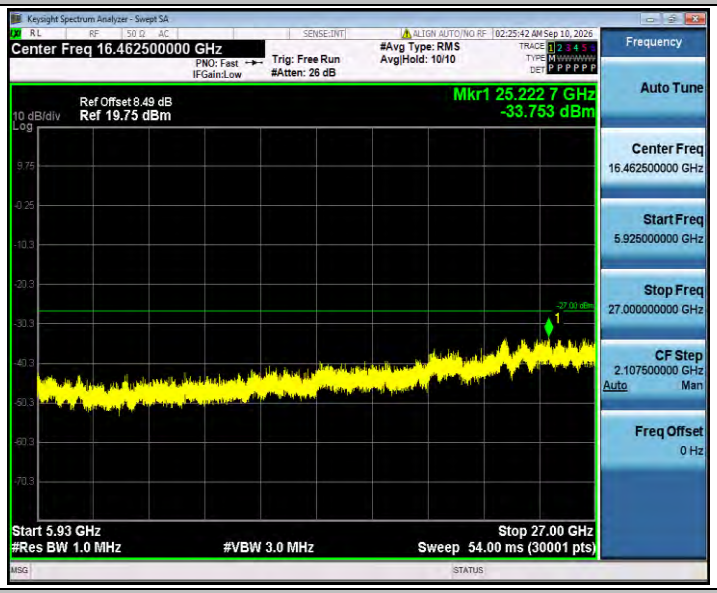
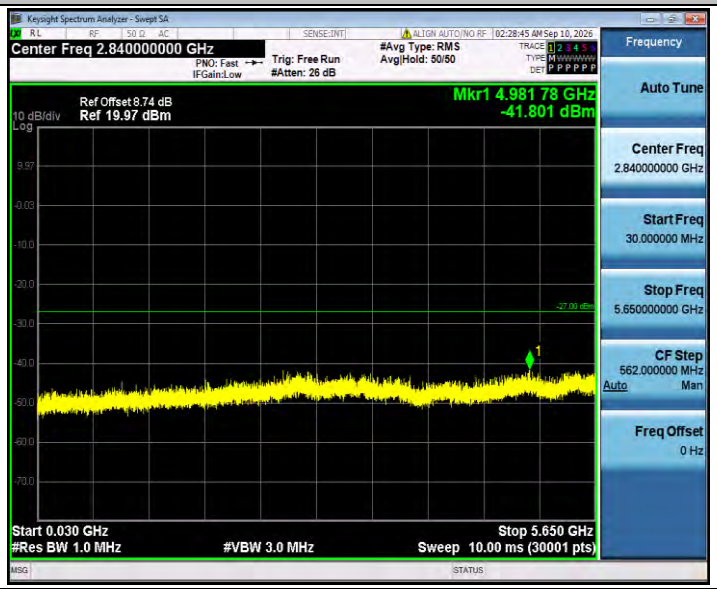
11AX20SISO_Ant1_5785_30~5650
11AX20SISO_Ant1_5785_5925~27000

11AX20SISO_Ant1_5825_30~5650



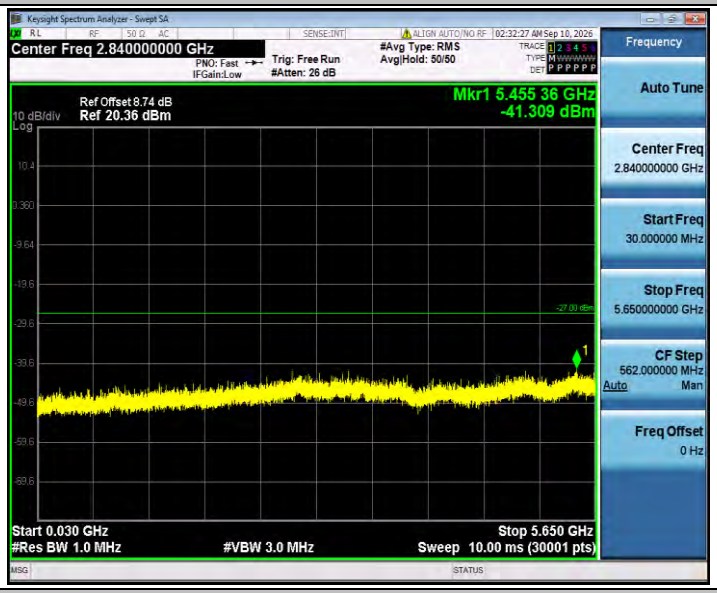
11AX20SISO_Ant1_5825_5925~27000

11AX40SISO_Ant1_5755_30~5650

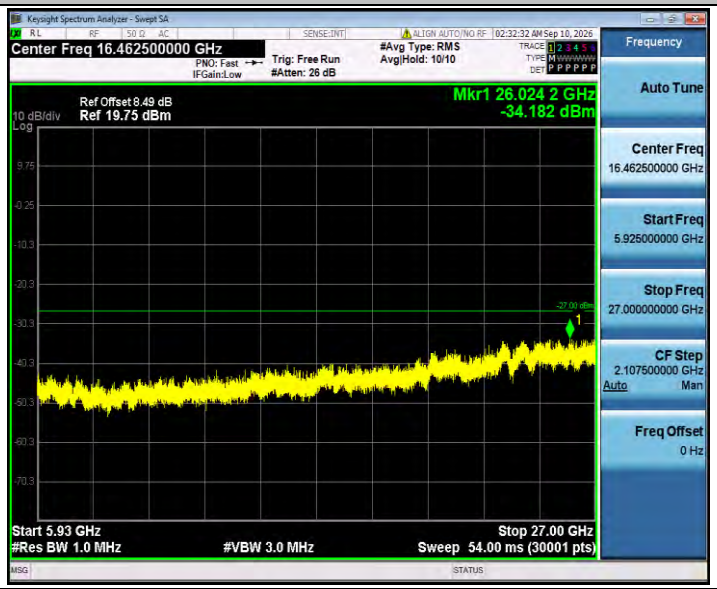


11AX40SISO_Ant1_5755_5925~27000

11AX40SISO_Ant1_5795_30~5650

11AX40SISO_Ant1_5795_5925~27000

11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000



AppendixE.8:Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.125	≤-27.00	---	---	PASS
				Peak	5700.000	-40.45	≤10.00	---	---	PASS
				Peak	5720.000	-40.03	≤15.60	---	---	PASS
				Peak	5725.000	-36.65	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-36.712	≤27.00	---	---	PASS
				Peak	5855.000	-37.37	≤15.60	---	---	PASS
				Peak	5875.000	-38.52	≤10.00	---	---	PASS
				Peak	5925.000	-38.57	≤-27.00	- --	- --	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-41.214	≤-27.00	---	---	PASS
				Peak	5700.000	-40.62	≤10.00	---	---	PASS
				Peak	5720.000	-40.31	≤15.60	---	---	PASS
				Peak	5725.000	-38.59	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-37.188	≤27.00	---	---	PASS
				Peak	5855.000	-37.71	≤15.60	---	---	PASS
				Peak	5875.000	-38.12	≤10.00	---	---	PASS
				Peak	5925.000	-37.46	≤-27.00	- --	- --	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-38.65	≤-27.00	---	---	PASS
				Peak	5700.000	-40.78	≤10.00	---	---	PASS
				Peak	5720.000	-39.29	≤15.60	---	---	PASS
				Peak	5725.000	-38.27	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-37.761	≤27.00	---	---	PASS
				Peak	5855.000	-38.25	≤15.60	---	---	PASS
				Peak	5875.000	-38.61	≤10.00	---	---	PASS
				Peak	5925.000	-36.28	≤-27.00	- --	- --	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-41.67	≤-27.00	---	---	PASS
				Peak	5700.000	-39.19	≤10.00	---	---	PASS
				Peak	5720.000	-39.99	≤15.60	---	---	PASS
				Peak	5725.000	-36.9	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-37.566	≤27.00	---	---	PASS
				Peak	5855.000	-37.57	≤15.60	---	---	PASS

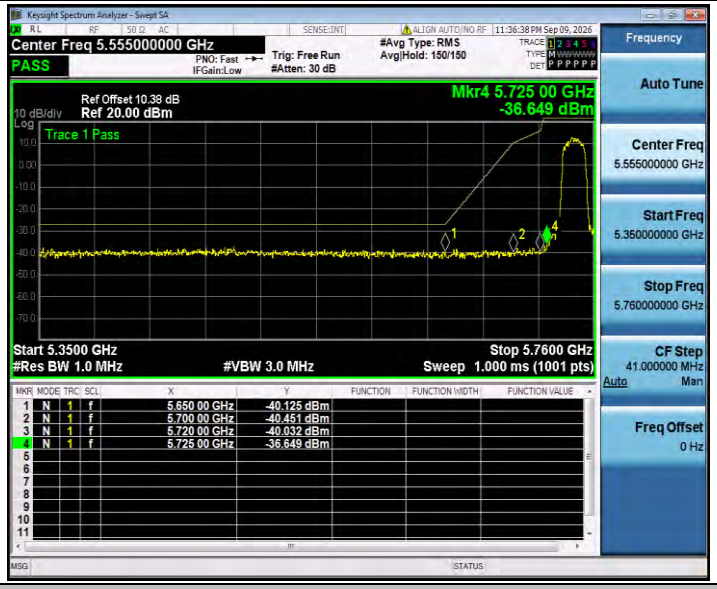
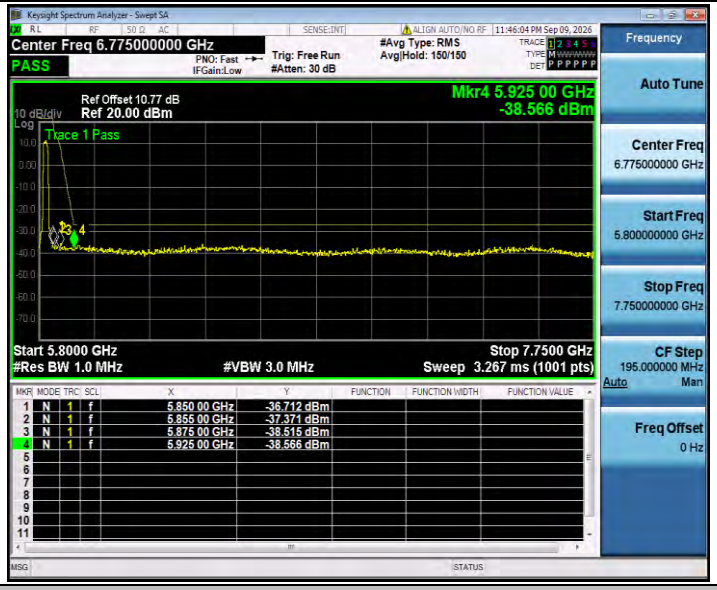
				Peak	5875.000	-38.53	≤10.00	---	---	PASS
				Peak	5925.000	-36.51	≤-27.00	- --	- --	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-41.916	≤-27.00	---	---	PASS
				Peak	5700.000	-40.86	≤10.00	---	---	PASS
				Peak	5720.000	-37.94	≤15.60	---	---	PASS
				Peak	5725.000	-38.2	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-36.919	≤27.00	---	---	PASS
				Peak	5855.000	-38.56	≤15.60	---	---	PASS
				Peak	5875.000	-37.33	≤10.00	---	---	PASS
				Peak	5925.000	-36.78	≤-27.00	- --	- --	PASS
11AC80SISO	Ant1	Low	5775	Peak	5650.000	-42.801	≤-27.00	---	---	PASS
				Peak	5700.000	-37.11	≤10.00	---	---	PASS
				Peak	5720.000	-36.63	≤15.60	---	---	PASS
				Peak	5725.000	-36.2	≤27.00	- --	- --	PASS
		High	5775	Peak	5850.000	-37.262	≤27.00	---	---	PASS
				Peak	5855.000	-38.22	≤15.60	---	---	PASS
				Peak	5875.000	-37.6	≤10.00	---	---	PASS
				Peak	5925.000	-37.41	≤-27.00	- --	- --	PASS
11AX20SISO	Ant1	Low	5745	Peak	5650.000	-41.622	≤-27.00	---	---	PASS
				Peak	5700.000	-39.67	≤10.00	---	---	PASS
				Peak	5720.000	-38.31	≤15.60	---	---	PASS
				Peak	5725.000	-38.58	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-34.59	≤27.00	---	---	PASS
				Peak	5855.000	-34.4	≤15.60	---	---	PASS
				Peak	5875.000	-38.27	≤10.00	---	---	PASS
				Peak	5925.000	-39.08	≤-27.00	- --	- --	PASS
11AX40SISO	Ant1	Low	5755	Peak	5650.000	-41.54	≤-27.00	---	---	PASS
				Peak	5700.000	-41.44	≤10.00	---	---	PASS
				Peak	5720.000	-40.45	≤15.60	---	---	PASS
				Peak	5725.000	-36.68	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-37.901	≤27.00	---	---	PASS
				Peak	5855.000	-38.92	≤15.60	---	---	PASS
				Peak	5875.000	-36.24	≤10.00	---	---	PASS
				Peak	5925.000	-37.52	≤-27.00	- --	- --	PASS
11AX80SISO	Ant1	Low	5775	Peak	5650.000	-41.407	≤-27.00	---	---	PASS
				Peak	5700.000	-39.08	≤10.00	---	---	PASS

				Peak	5720.000	-38.39	≤15.60	---	---	PASS
				Peak	5725.000	-38.52	≤27.00	- --	- --	PASS
		High	5775	Peak	5850.000	-37.151	≤27.00	---	---	PASS
				Peak	5855.000	-38.66	≤15.60	---	---	PASS
				Peak	5875.000	-38.59	≤10.00	---	---	PASS
				Peak	5925.000	-38.86	≤-27.00	- --	- --	PASS

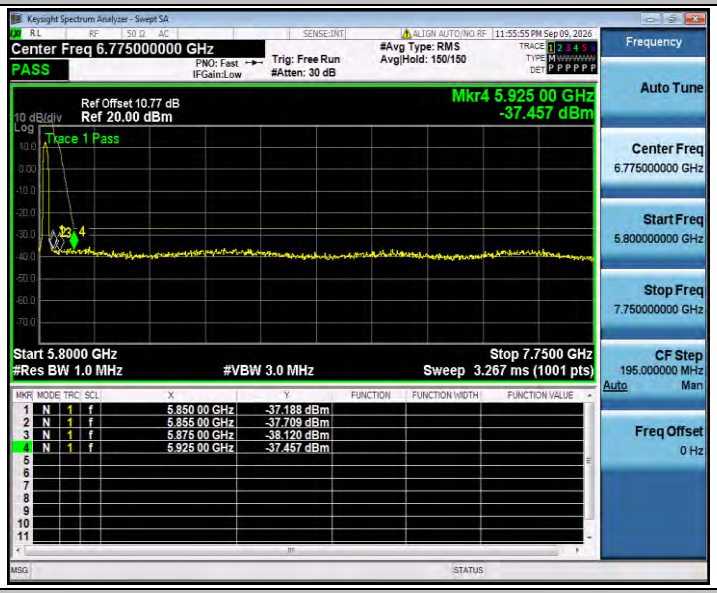
Note：

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

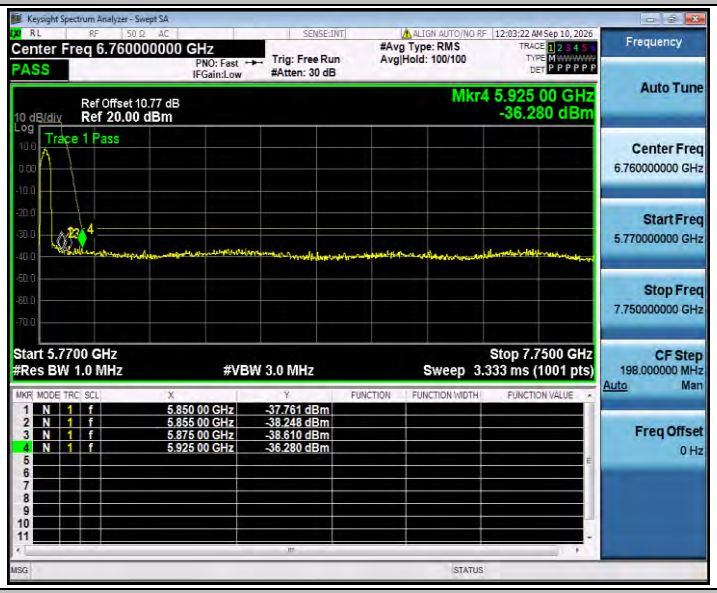
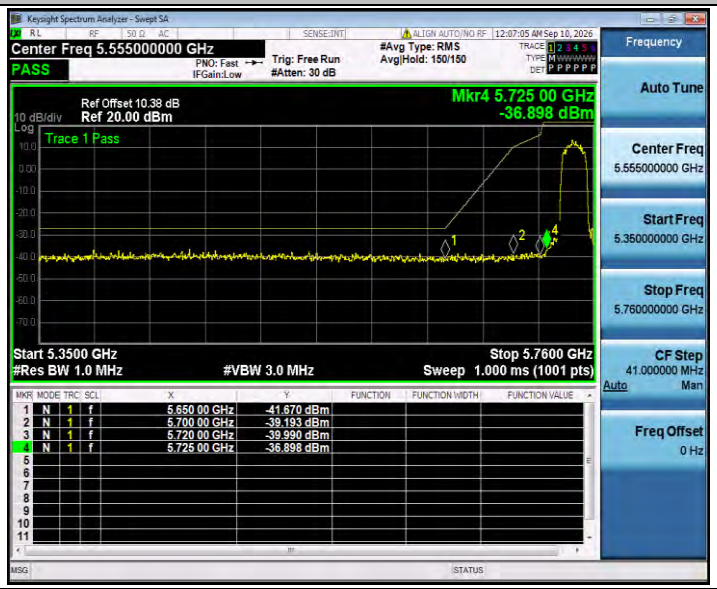
Test Graphs

11A_Ant1_Low_5745_Peak

11A_Ant1_High_5825_Peak

11N20SISO_Ant1_Low_5745_Peak

11N20SISO_Ant1_High_5825_Peak



11N40SISO_Ant1_Low_5755_Peak

11N40SISO_Ant1_High_5795_Peak

11AC20SISO_Ant1_Low_5745_Peak

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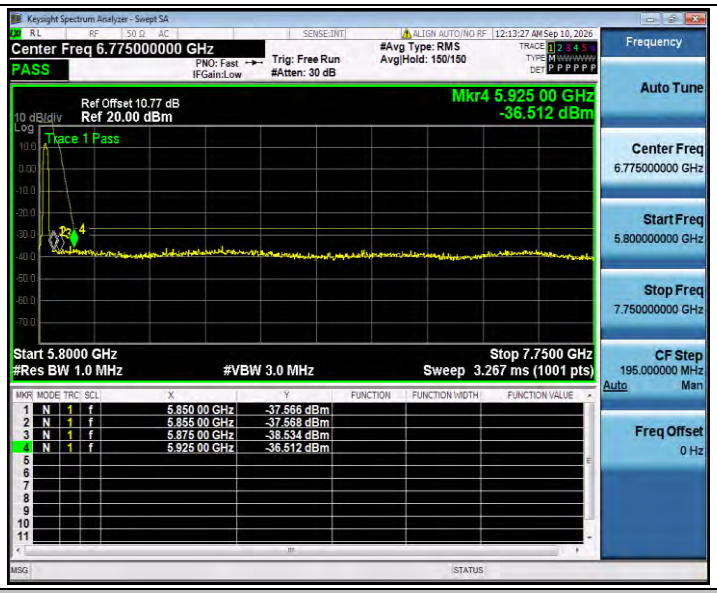
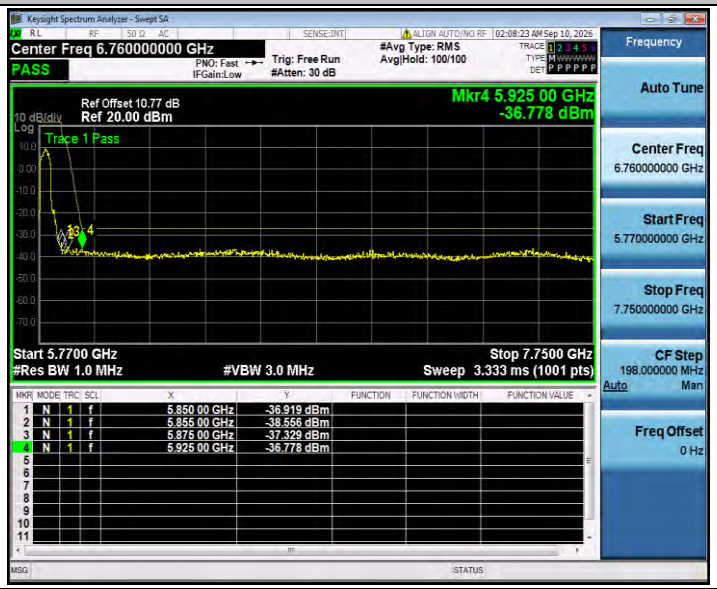
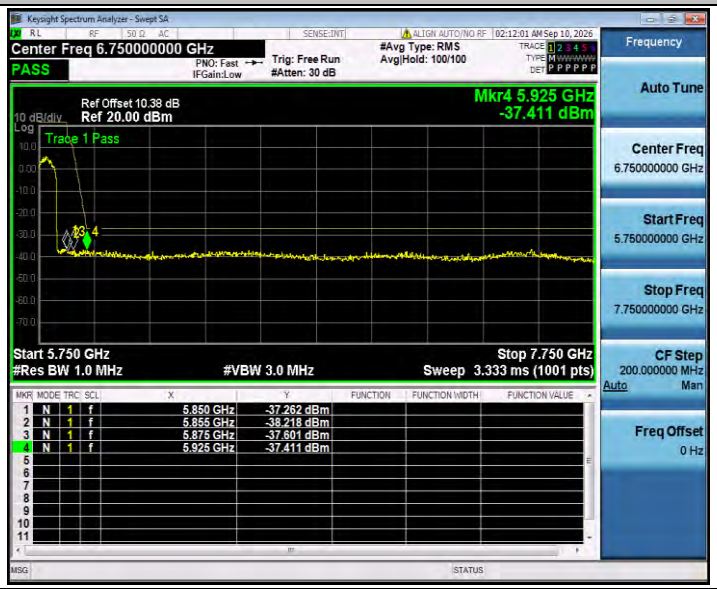
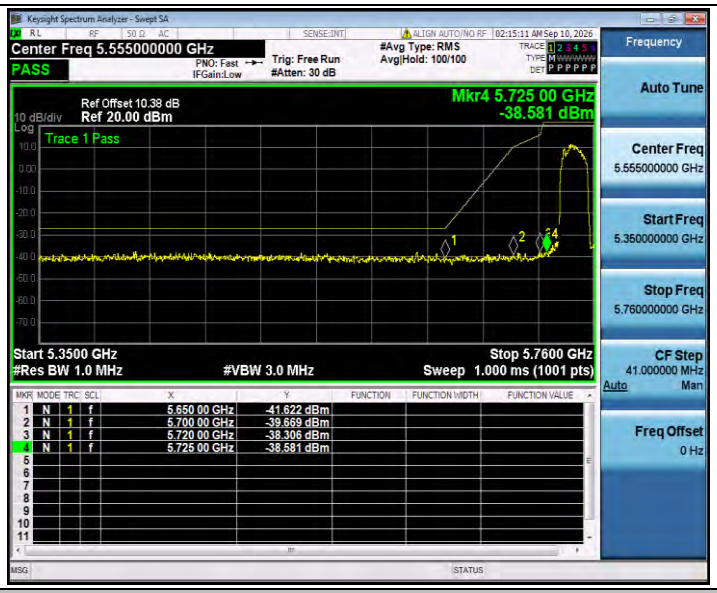


11AC40SISO_Ant1_Low_5755_Peak

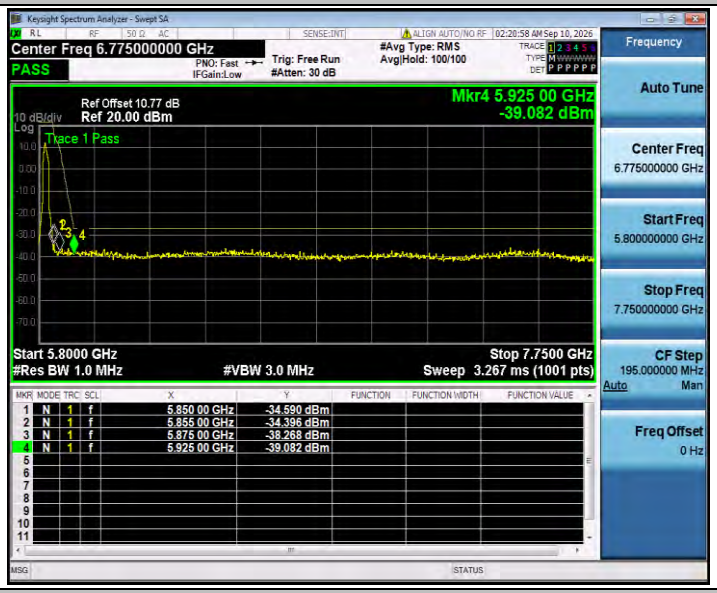
11AC40SISO_Ant1_High_5795_Peak



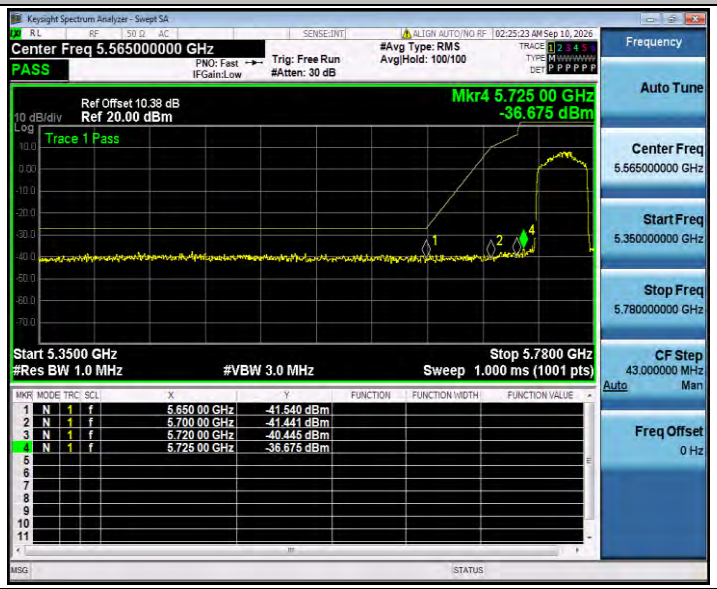
11AC80SISO_Ant1_Low_5775_Peak
11AC80SISO_Ant1_High_5775_Peak

11AX20SISO_Ant1_Low_5745_Peak

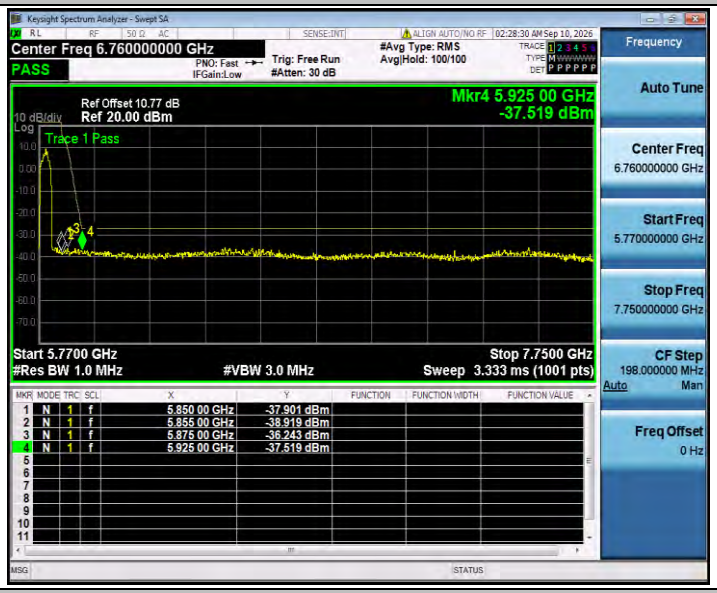
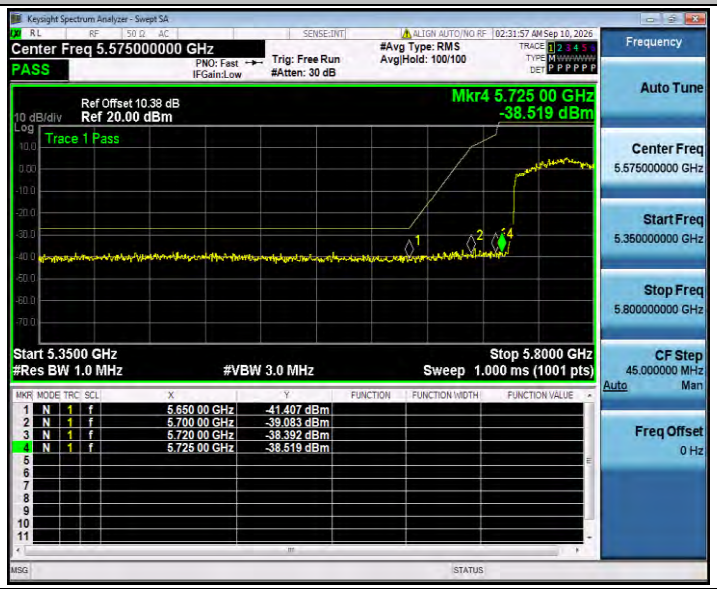


11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

11AX80SISO_Ant1_Low_5775_Peak

11AX80SISO_Ant1_High_5775_Peak

Keysight Spectrum Analyzer - Swept SA
Center Freq 6.750000000 GHz
PASS
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
02:32:13 AM Sep 10, 2026
Ref Offset 10.38 dB
10 dB/div
Log
Ref 20.00 dBm
Trace 1 Pass
Mkr4 5.925 GHz
-38.856 dBm
Start 5.750 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 7.750 GHz
Sweep 3.333 ms (1001 pts)
1 N 1 f 5.850 GHz -37.151 dBm
2 N 1 f 5.855 GHz -38.662 dBm
3 N 1 f 5.875 GHz -38.585 dBm
4 N 1 f 5.925 GHz -38.856 dBm
Frequency
Auto Tune
Center Freq
6.750000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
7.750000000 GHz
CF Step
200.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS