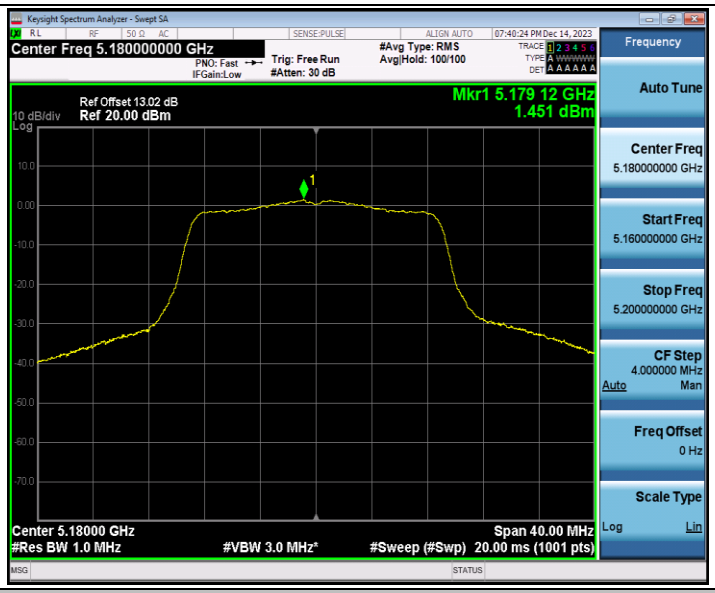
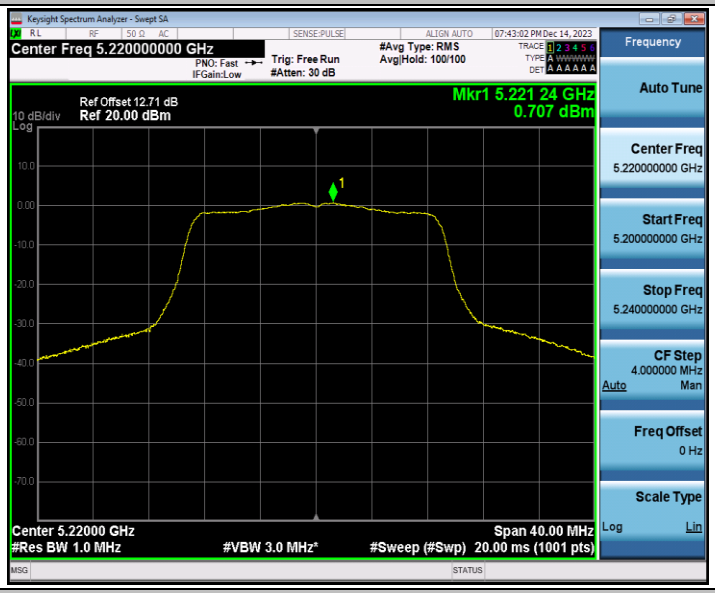


11N20SISO_Ant1_5220



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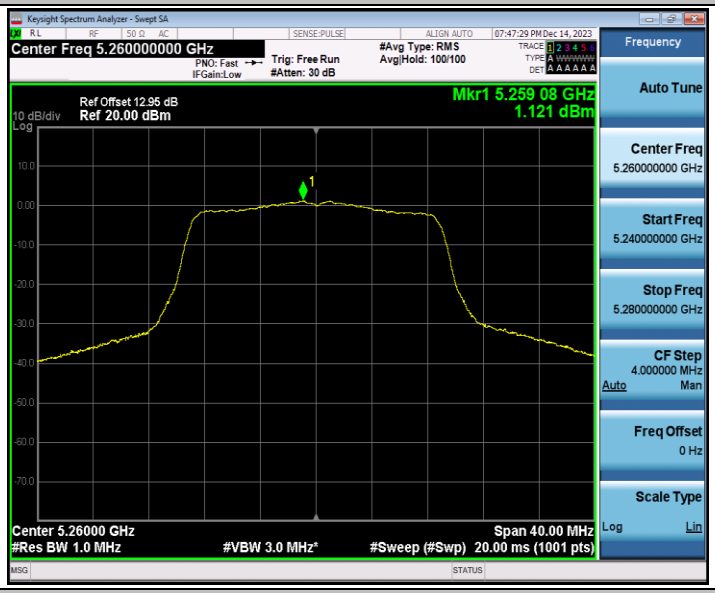
11N20SISO_Ant1_5260



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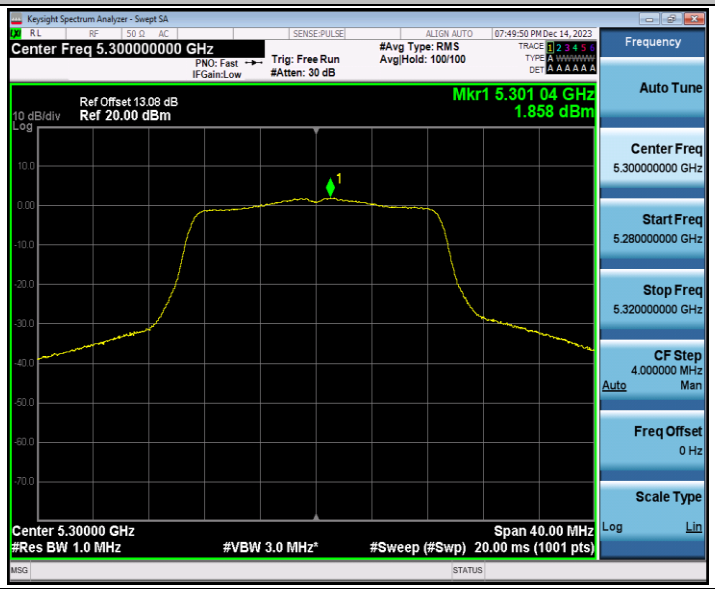

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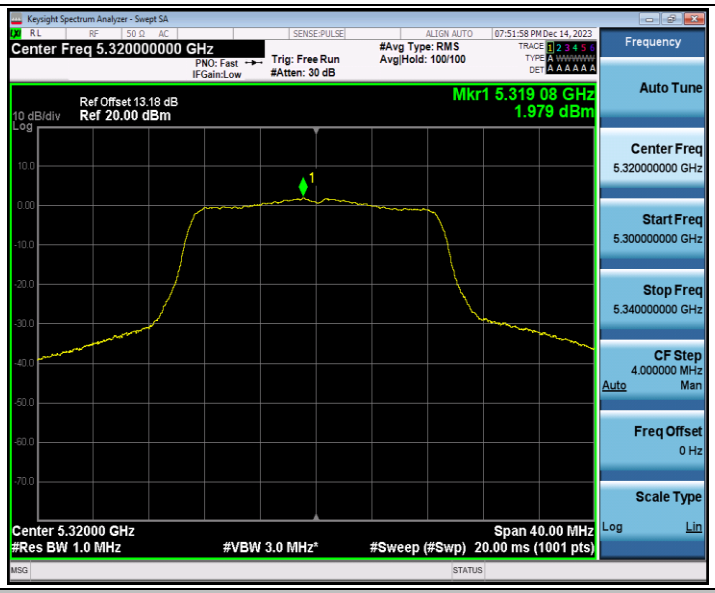

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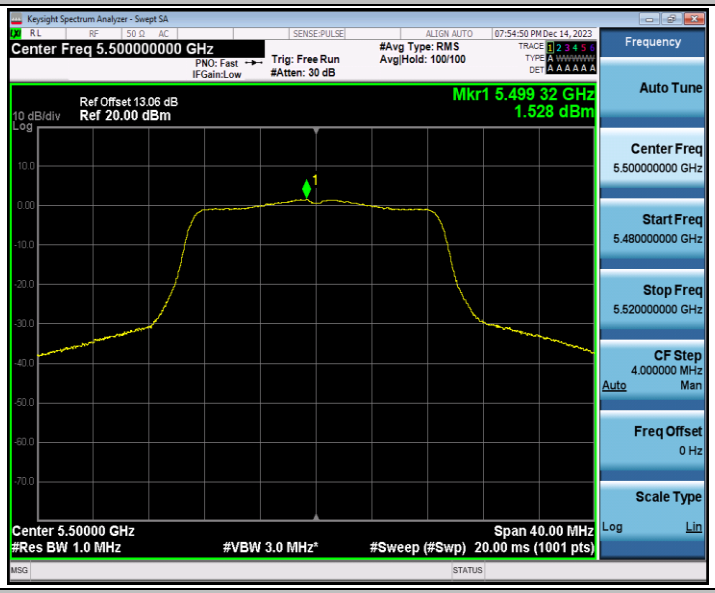

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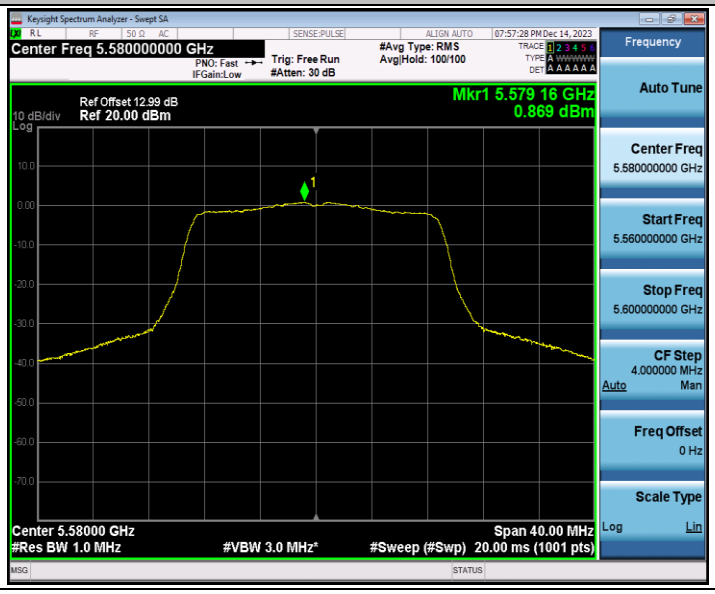

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11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

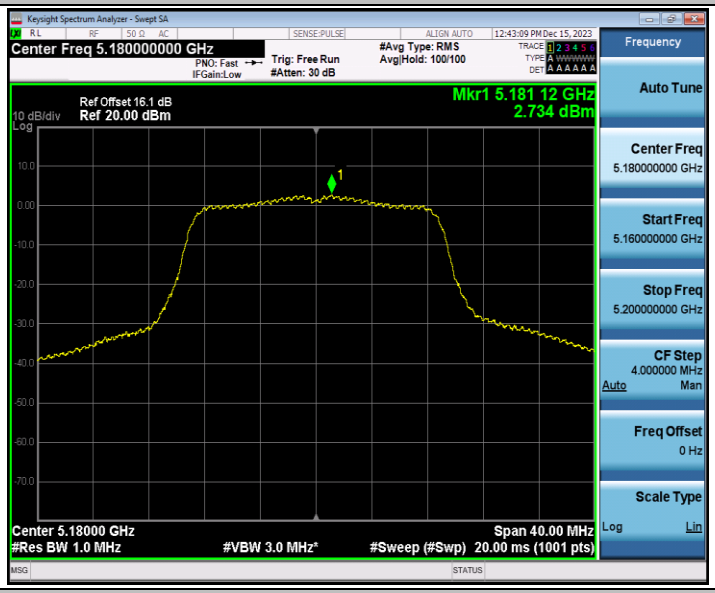
11N40SISO_Ant1_5550

11N40SISO_Ant1_5670

11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180



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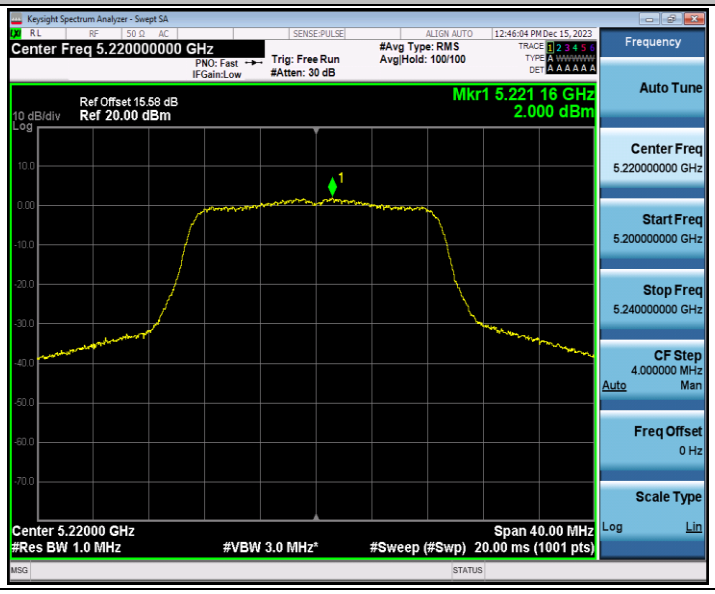

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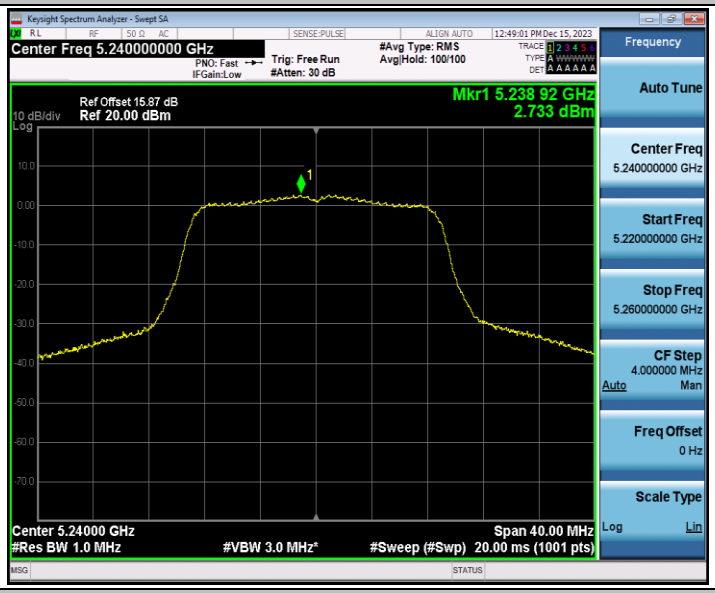

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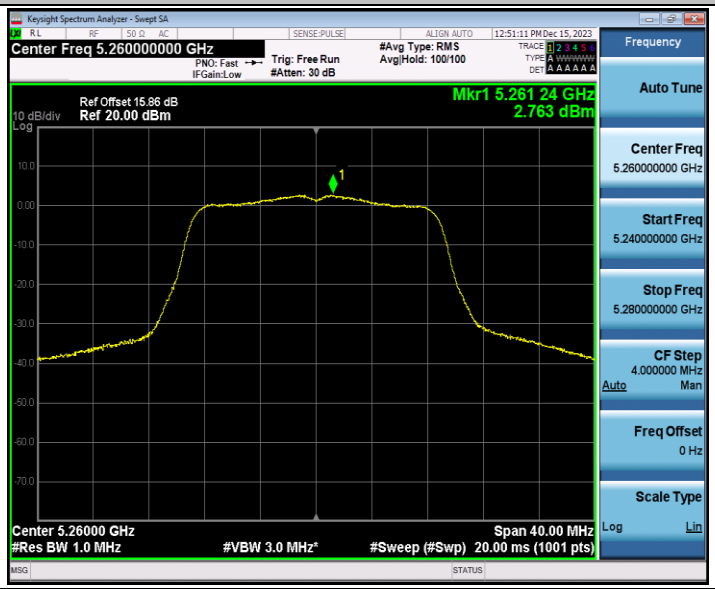

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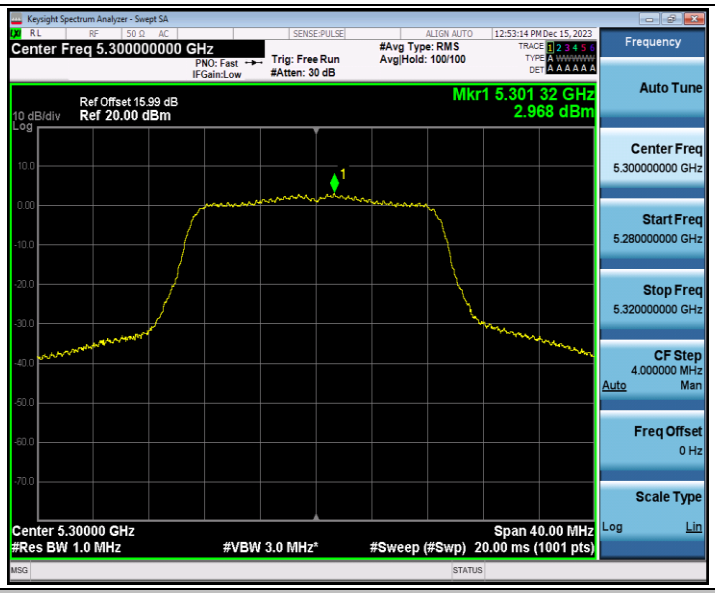
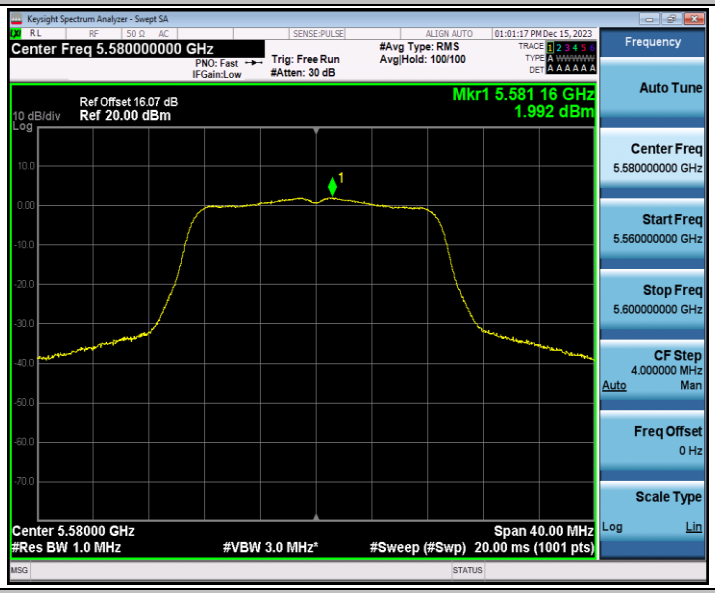


11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

11AC40SISO_Ant1_5270

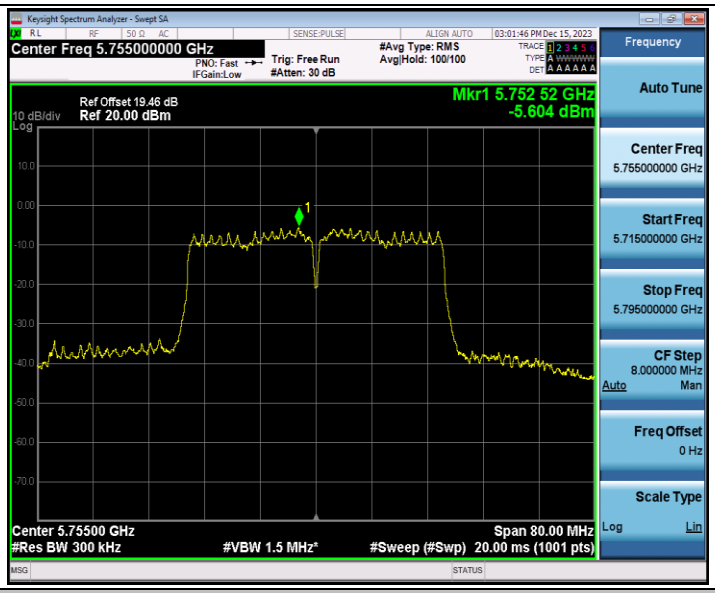
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

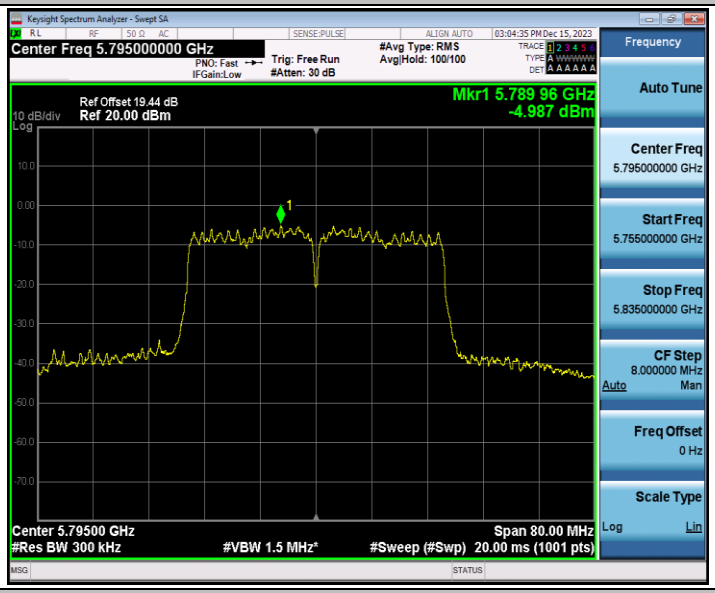
11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290

11AC80SISO_Ant1_5530

11AC80SISO_Ant1_5775

Keysight Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
03:19:23 PM Dec 15, 2023
Ref Offset 20.54 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.772 44 GHz
-7.210 dBm
Center 5.77500 GHz
#Res BW 300 kHz
#VBW 1.5 MHz*
Span 160.0 MHz
#Sweep (#Swp) 20.00 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.695000000 GHz
Stop Freq
5.855000000 GHz
CF Step
16.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-44.05	≤-27	PASS
		High	5320	-45.61	≤-27	PASS
		Low	5500	-43.82	≤-27	PASS
		High	5700	-43.21	≤-27	PASS
11N20SISO	Ant1	Low	5180	-43.03	≤-27	PASS
		High	5320	-46.27	≤-27	PASS
		Low	5500	-43.58	≤-27	PASS
		High	5700	-44.45	≤-27	PASS
11N40SISO	Ant1	Low	5190	-39.33	≤-27	PASS
		High	5310	-38.65	≤-27	PASS
		Low	5510	-35.41	≤-27	PASS
		High	5670	-46.3	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-41.32	≤-27	PASS
		High	5320	-45	≤-27	PASS
		Low	5500	-42.82	≤-27	PASS
		High	5700	-42.94	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-40.25	≤-27	PASS
		High	5310	-37.79	≤-27	PASS
		Low	5510	-36.15	≤-27	PASS
		High	5670	-45.89	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-36.69	≤-27	PASS
		High	5290	-37.73	≤-27	PASS
		Low	5530	-33.66	≤-27	PASS

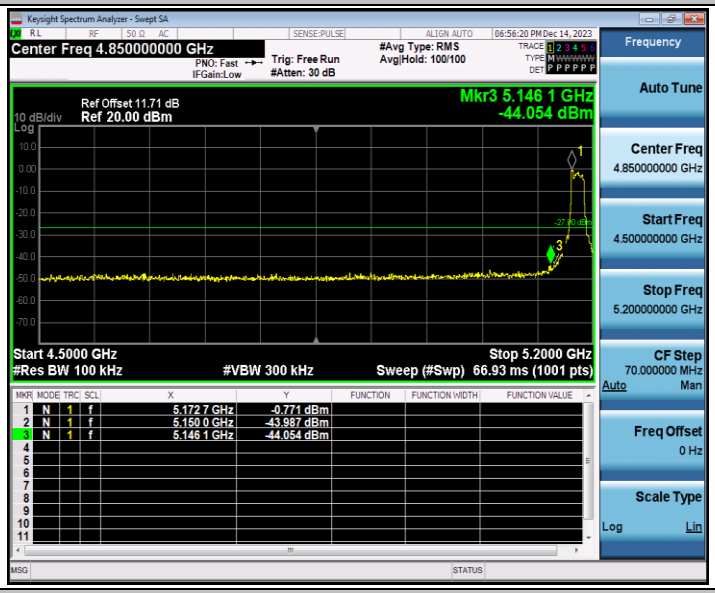
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-47.76	≤9.04	PASS
				5700~5720	-39	≤15.08	PASS
				5720~5725	-35.32	≤24.21	PASS
				5760~5650	-48.54	≤-27	PASS
		High	5825	5850~5855	-42.03	≤16.41	PASS
				5855~5875	-43.89	≤10.74	PASS
				5875~5925	-46.23	≤-7.38	PASS
				5925~5935	-46.37	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-46.55	≤-0.40	PASS
				5700~5720	-41.03	≤15.43	PASS

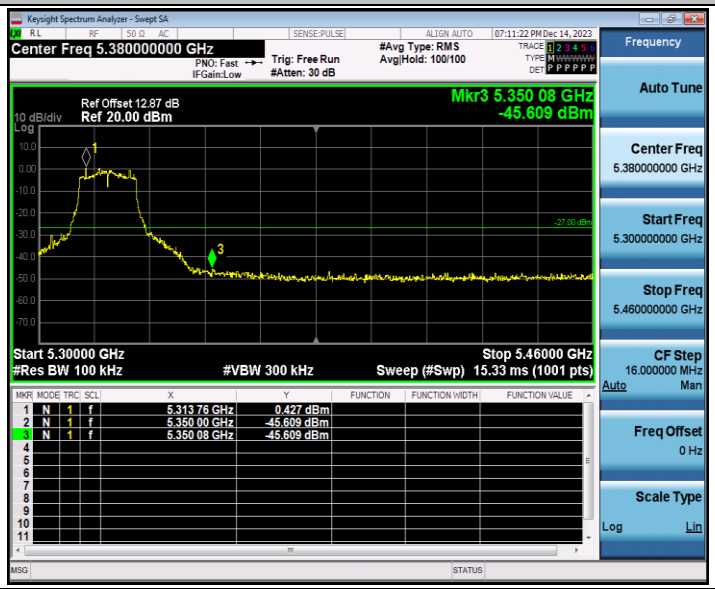
				5720~5725	-37.26	≤26.30	PASS
				5760~5650	-48.6	≤-27	PASS
		High	5825	5850~5855	-42.8	≤22.26	PASS
				5855~5875	-44.76	≤13.08	PASS
				5875~5925	-44.9	≤-16.17	PASS
				5925~5935	-45.79	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.2	≤8.16	PASS
				5700~5720	-32.2	≤14.90	PASS
				5720~5725	-34.33	≤16.35	PASS
				5780~5650	-47.36	≤-27	PASS
		High	5795	5850~5855	-44.22	≤20.92	PASS
				5855~5875	-45.46	≤13.32	PASS
				5875~5925	-45.48	≤-19.84	PASS
				5925~5935	-45	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-46.01	≤5.38	PASS
				5700~5720	-39.57	≤15.08	PASS
				5720~5725	-35.98	≤21.32	PASS
				5760~5650	-47.71	≤-27	PASS
		High	5825	5850~5855	-42.05	≤17.95	PASS
				5855~5875	-44.08	≤10.06	PASS
				5875~5925	-44.81	≤-20.16	PASS
				5925~5935	-45.69	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.74	≤9.06	PASS
				5700~5720	-31.05	≤14.90	PASS
				5720~5725	-32.57	≤21.28	PASS
				5780~5650	-46.03	≤-27	PASS
		High	5795	5850~5855	-45.28	≤20.92	PASS
				5855~5875	-44.85	≤11.66	PASS
				5875~5925	-44.19	≤-9.10	PASS
				5925~5935	-45.13	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-36.4	≤0.84	PASS
				5700~5720	-34.7	≤13.18	PASS
				5720~5725	-34.97	≤15.65	PASS
				5800~5650	-45.06	≤-27	PASS
		High	5775	5850~5855	-40.93	≤16.64	PASS
				5855~5875	-42.17	≤11.99	PASS
				5875~5925	-43.68	≤-24.22	PASS
				5925~5935	-45.69	≤-27	PASS

Test Graphs B1/2/3

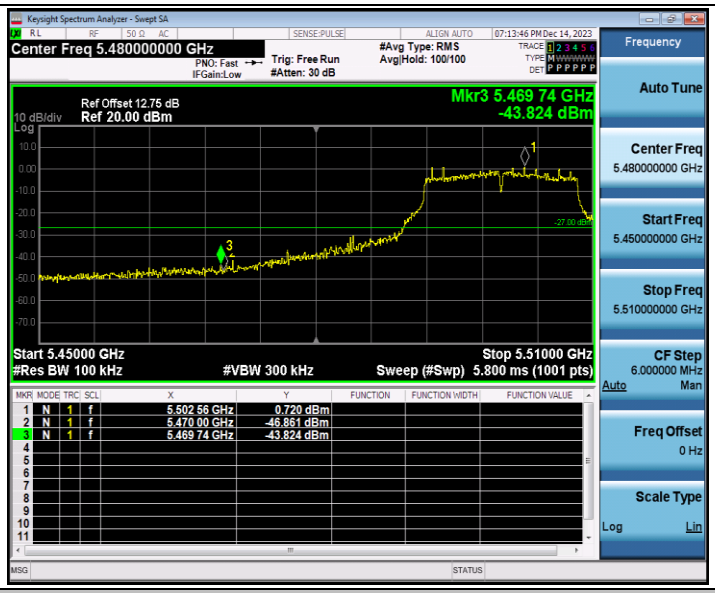
11A_Ant1_Low_5180



11A_Ant1_High_5320

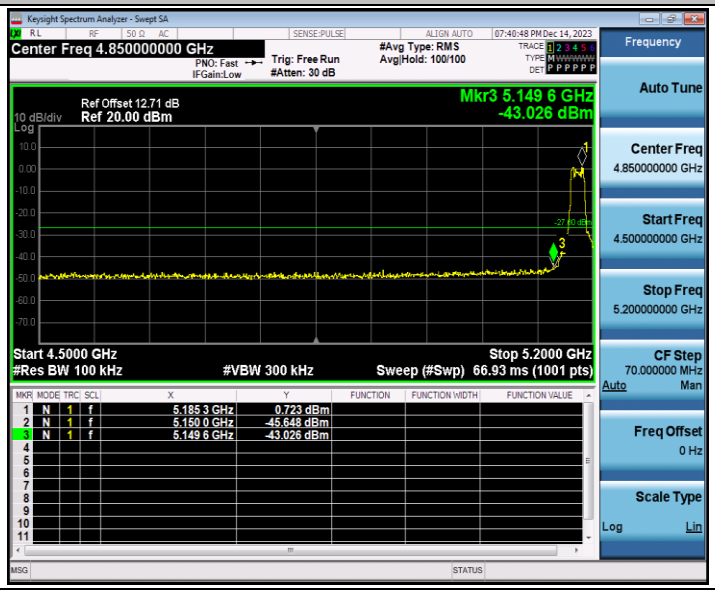


11A_Ant1_Low_5500

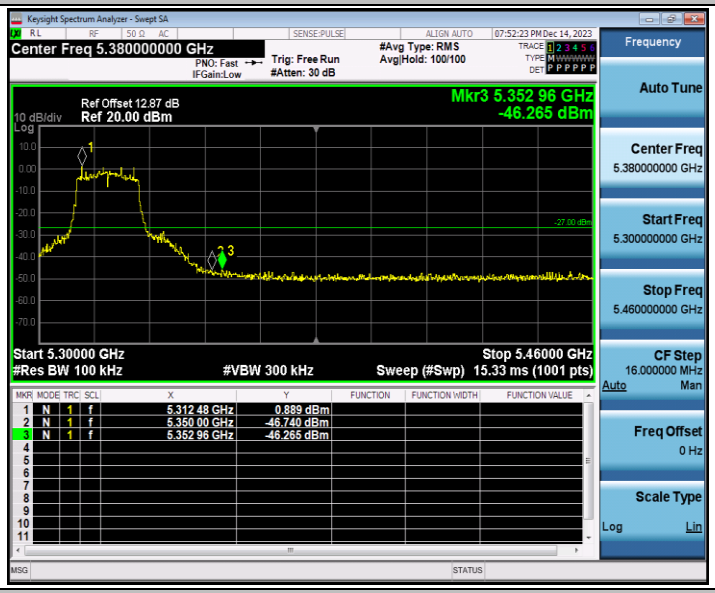


11A_Ant1_High_5700

11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5320



11N20SISO_Ant1_Low_5500

11N20SISO_Ant1_High_5700