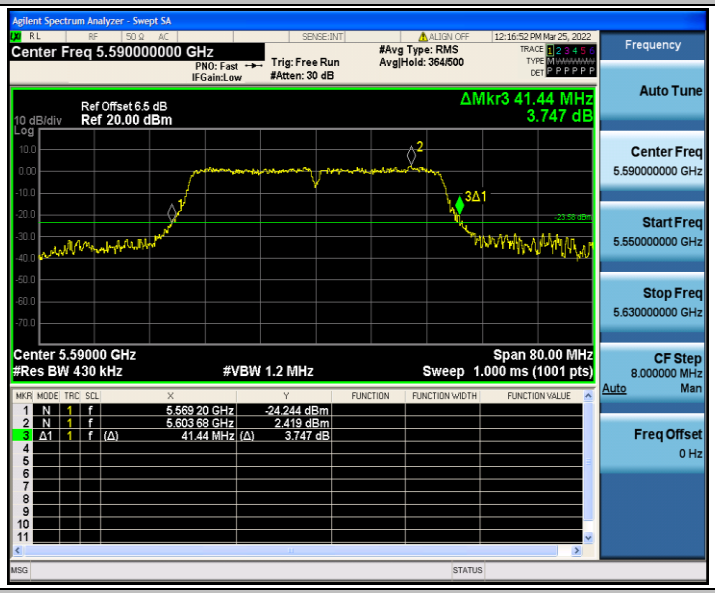
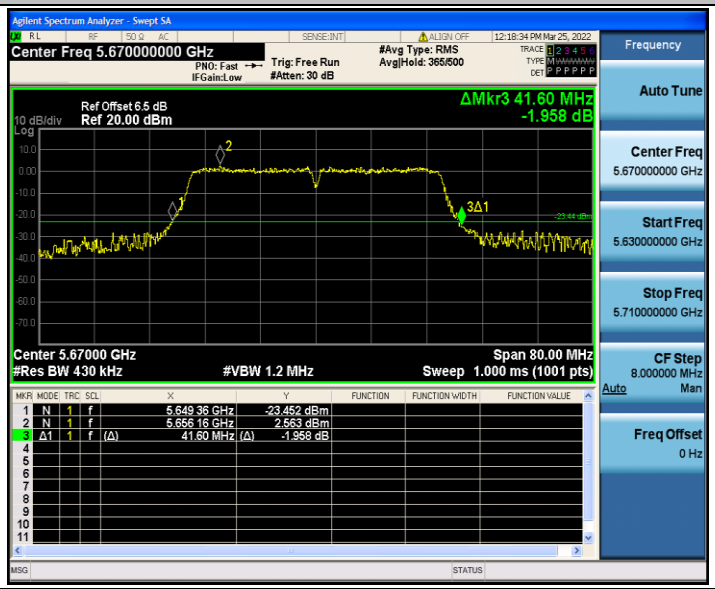
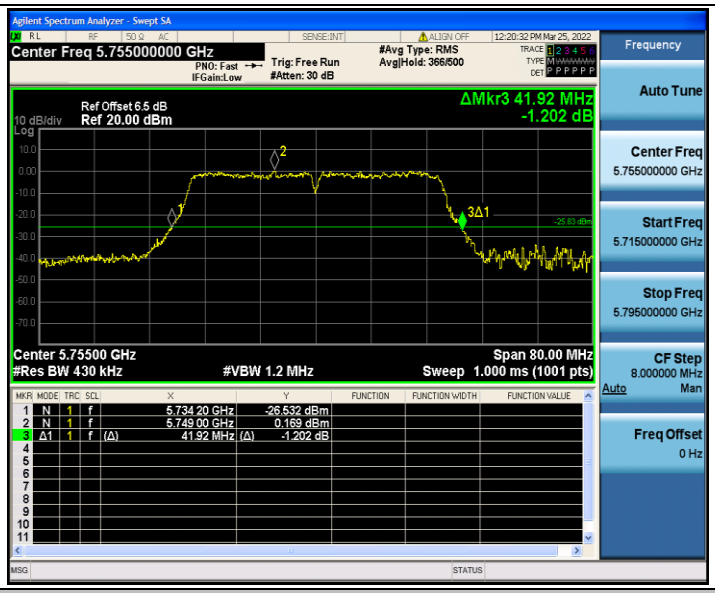
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670

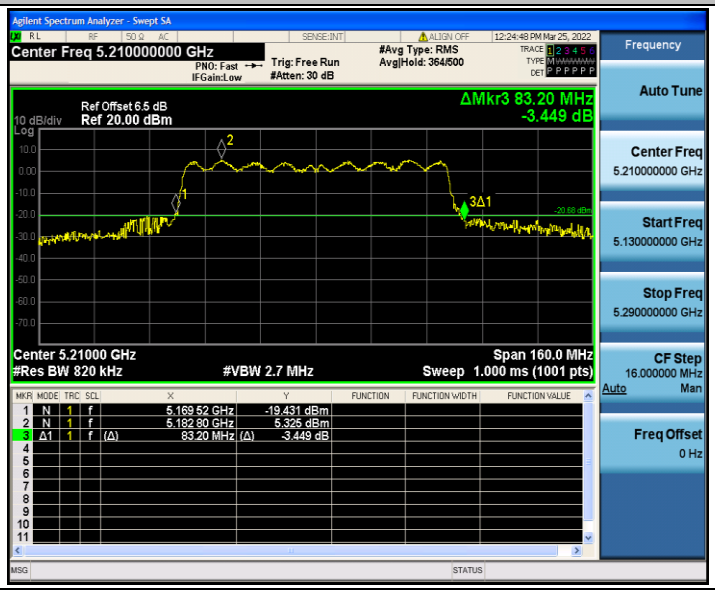


11AC40SISO_Ant1_5755

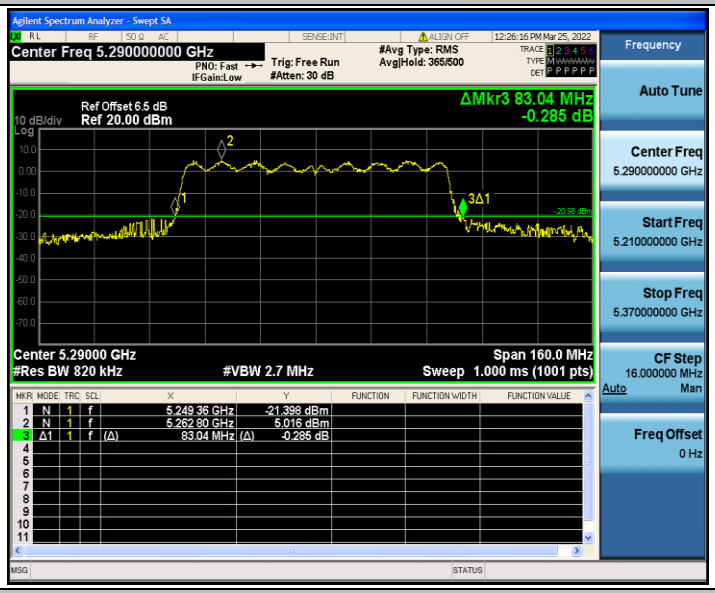


11AC40SISO_Ant1_5795

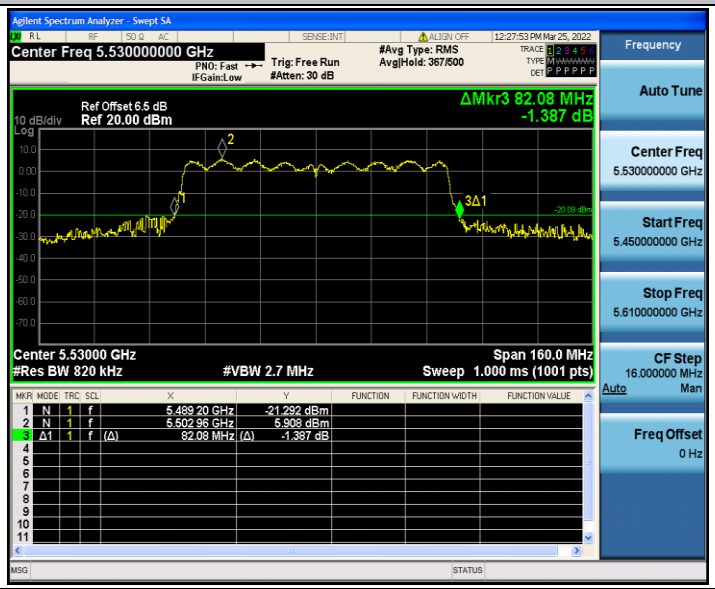
11AC80SISO_Ant1_5210



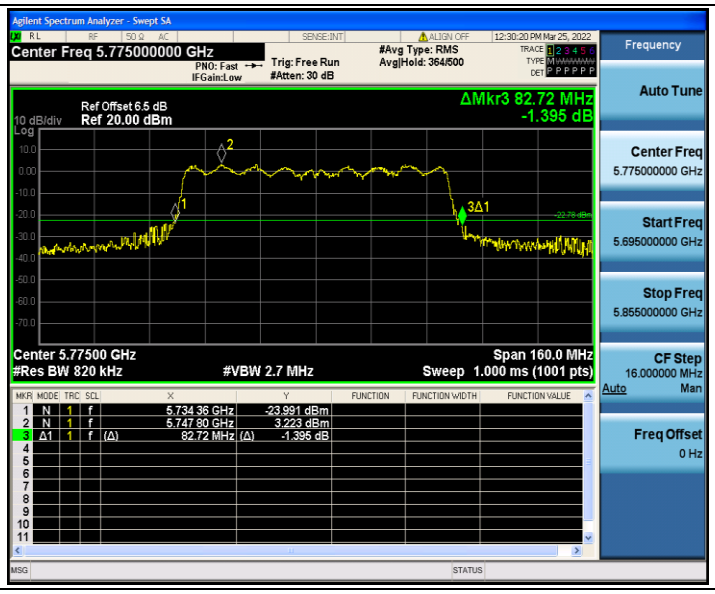
11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5775


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 364/500
12:30:20 PM Mar 25, 2022
Ref Offset 6.5 dB
10 dB/div
Ref 20.00 dBm
Log
ΔMkr3 82.72 MHz
-1.395 dB
Center 5.77500 GHz
#Res BW 820 kHz
#VBW 2.7 MHz
Span 160.0 MHz
Sweep 1.000 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.734 36 GHz -23.991 dBm
2 N 1 f 5.747 80 GHz 3.223 dBm
3 Δ1 1 f (Δ) 82.72 MHz (Δ) -1.395 dB
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
MSG
STATUS

Appendix A2: Occupied channel bandwidth

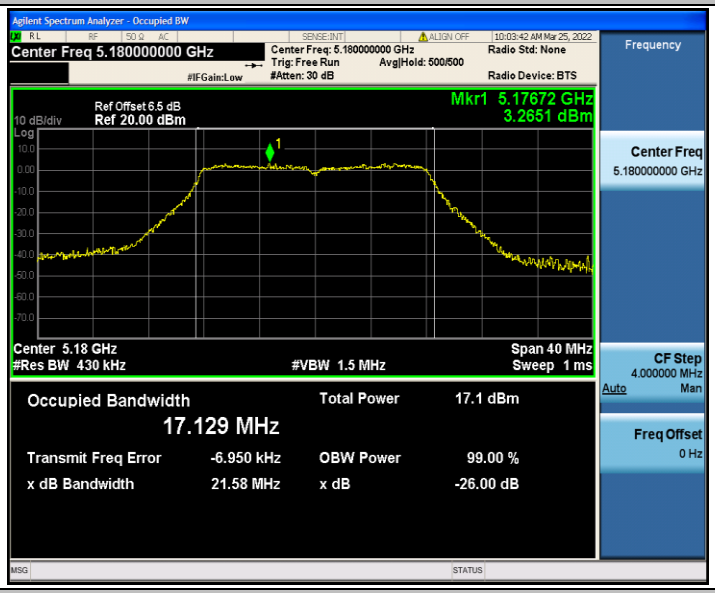
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.129	5171.429	5188.558	---	PASS
		5200	17.090	5191.423	5208.513	---	PASS
		5240	17.112	5231.392	5248.504	---	PASS
		5260	17.095	5251.408	5268.503	---	PASS
		5280	17.148	5271.403	5288.551	---	PASS
		5320	17.120	5311.429	5328.549	---	PASS
		5500	17.161	5491.381	5508.542	---	PASS
		5600	17.116	5591.408	5608.524	---	PASS
		5700	17.118	5691.430	5708.548	---	PASS
		5745	17.122	5736.405	5753.527	---	PASS
		5785	17.107	5776.420	5793.527	---	PASS
		5825	17.109	5816.412	5833.521	---	PASS
11N20SISO	Ant1	5180	18.075	5171.021	5189.096	---	PASS
		5200	18.011	5191.028	5209.039	---	PASS
		5240	18.036	5231.005	5249.041	---	PASS
		5260	18.011	5251.003	5269.014	---	PASS
		5280	18.077	5270.992	5289.069	---	PASS
		5320	18.032	5311.015	5329.047	---	PASS
		5500	18.059	5491.012	5509.071	---	PASS
		5600	18.036	5591.002	5609.038	---	PASS
		5700	18.023	5691.009	5709.032	---	PASS
		5745	18.052	5735.996	5754.048	---	PASS
		5785	18.052	5775.996	5794.048	---	PASS
		5825	18.044	5815.995	5834.039	---	PASS
11N40SISO	Ant1	5190	36.619	5171.751	5208.370	---	PASS
		5230	36.693	5211.698	5248.391	---	PASS
		5270	36.713	5251.634	5288.347	---	PASS
		5310	36.647	5291.698	5328.345	---	PASS
		5510	36.723	5491.668	5528.391	---	PASS
		5590	36.707	5571.653	5608.360	---	PASS
		5670	36.708	5651.637	5688.345	---	PASS
		5755	36.566	5736.775	5773.341	---	PASS
		5795	36.574	5776.704	5813.278	---	PASS
11AC20SISO	Ant1	5180	18.025	5170.994	5189.019	---	PASS
		5200	18.023	5190.994	5209.017	---	PASS
		5240	18.032	5230.976	5249.008	---	PASS
		5260	18.018	5250.978	5268.996	---	PASS
		5280	18.010	5270.983	5288.993	---	PASS

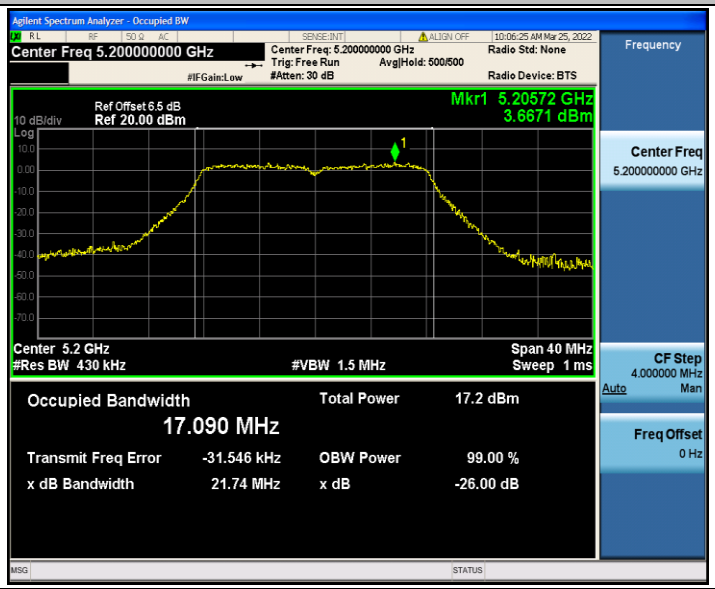
		5320	18.056	5310.971	5329.027	---	PASS
		5500	18.004	5490.992	5508.996	---	PASS
		5600	18.042	5590.977	5609.019	---	PASS
		5700	18.028	5690.997	5709.025	---	PASS
		5745	18.014	5735.995	5754.009	---	PASS
		5785	18.032	5775.976	5794.008	---	PASS
		5825	18.035	5815.984	5834.019	---	PASS
11AC40SISO	Ant1	5190	36.674	5171.773	5208.447	---	PASS
		5230	36.640	5211.746	5248.386	---	PASS
		5270	36.548	5251.767	5288.315	---	PASS
		5310	36.602	5291.760	5328.362	---	PASS
		5510	36.717	5491.696	5528.413	---	PASS
		5590	36.614	5571.735	5608.349	---	PASS
		5670	36.709	5651.680	5688.389	---	PASS
		5755	36.614	5736.745	5773.359	---	PASS
		5795	36.534	5776.714	5813.248	---	PASS
11AC80SISO	Ant1	5210	76.193	5171.990	5248.183	---	PASS
		5290	76.233	5251.926	5328.159	---	PASS
		5530	76.112	5491.936	5568.048	---	PASS
		5775	76.075	5736.913	5812.988	---	PASS

Test Graphs

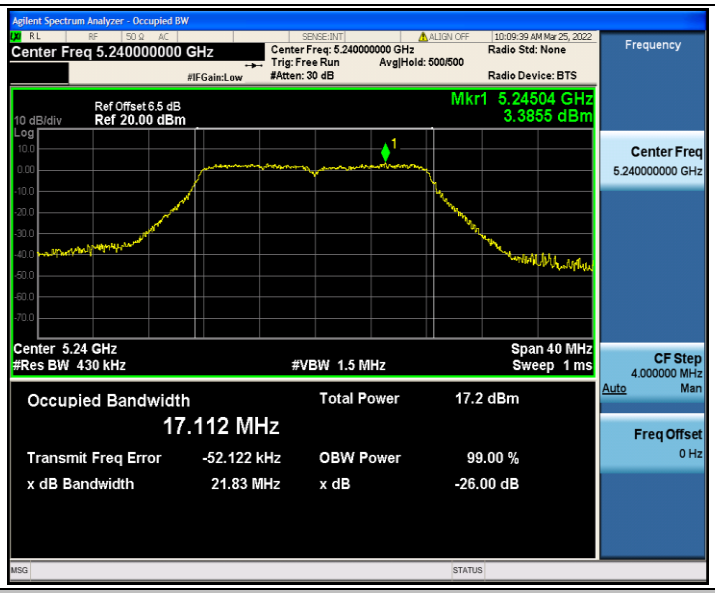
11A_Ant1_5180



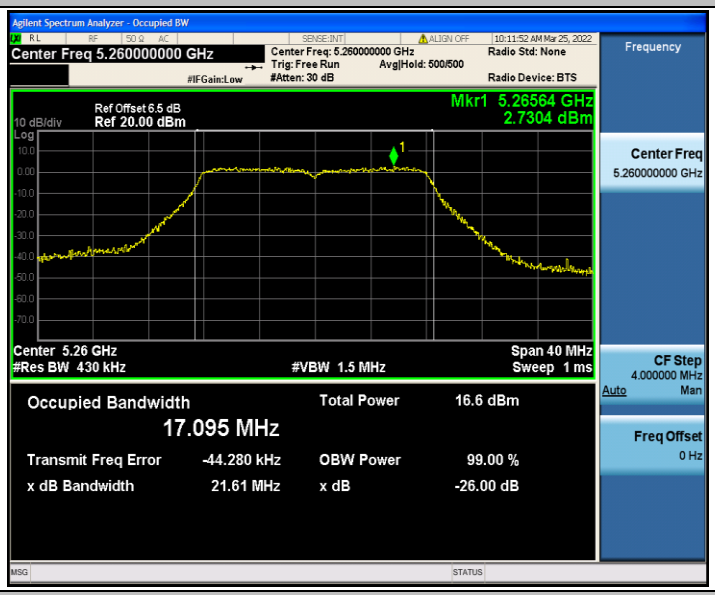
11A_Ant1_5200



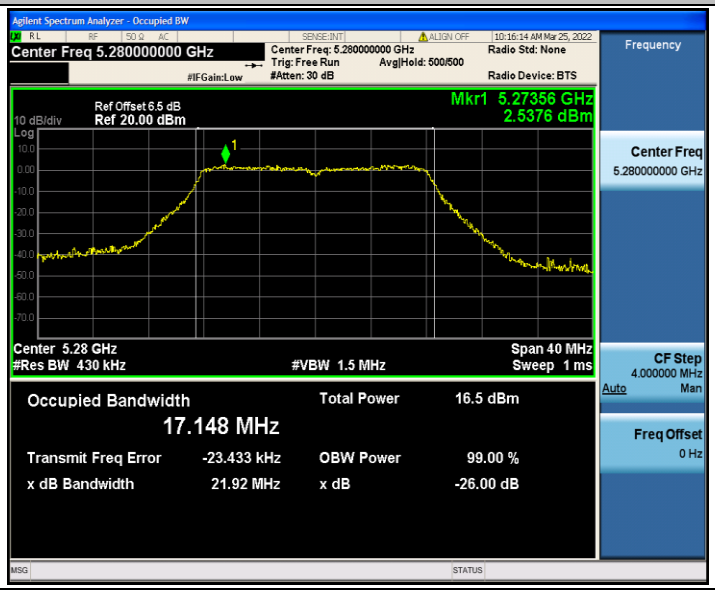
11A_Ant1_5240



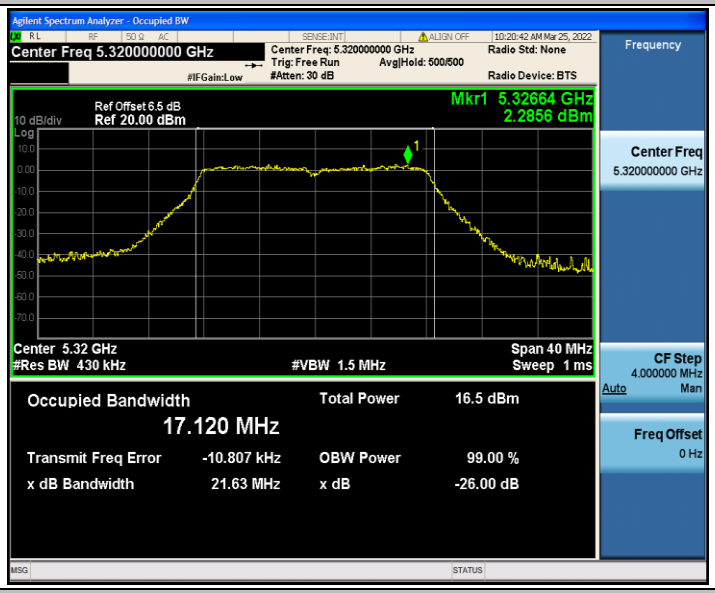
11A_Ant1_5260



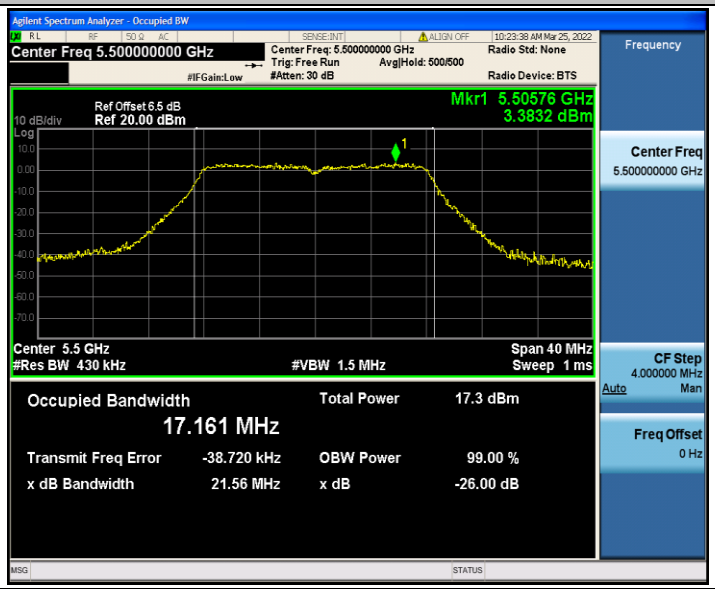
11A_Ant1_5280



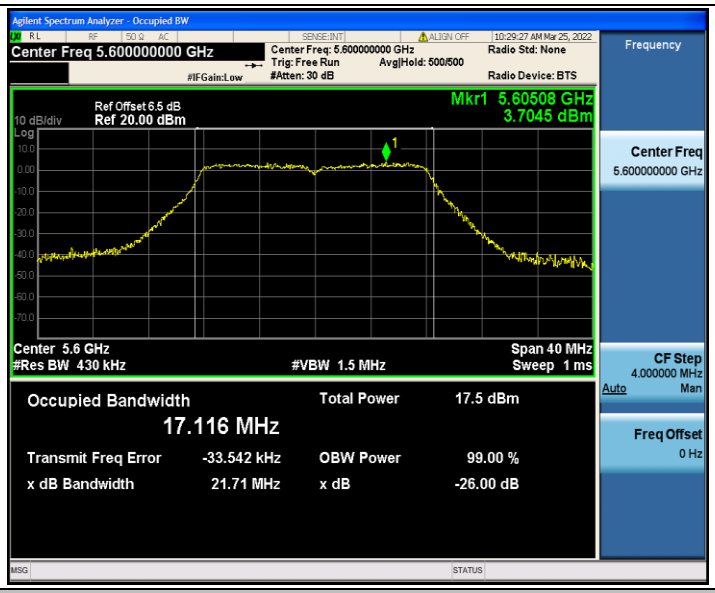
11A_Ant1_5320



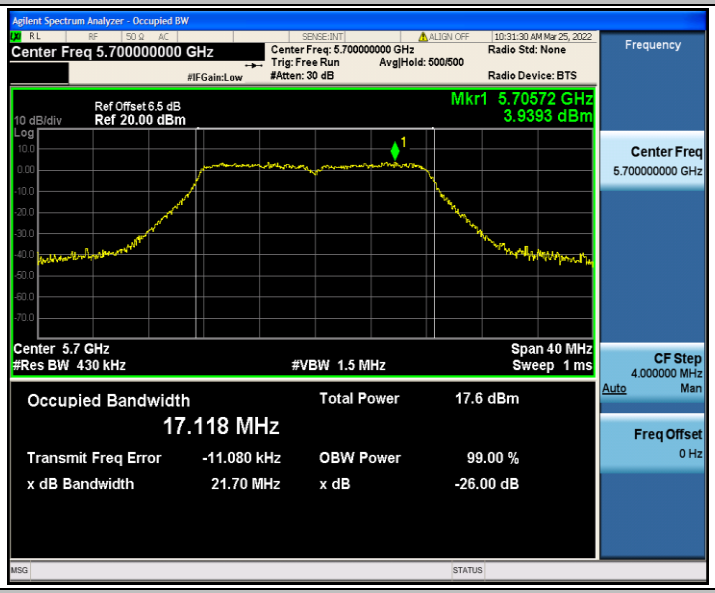
11A_Ant1_5500



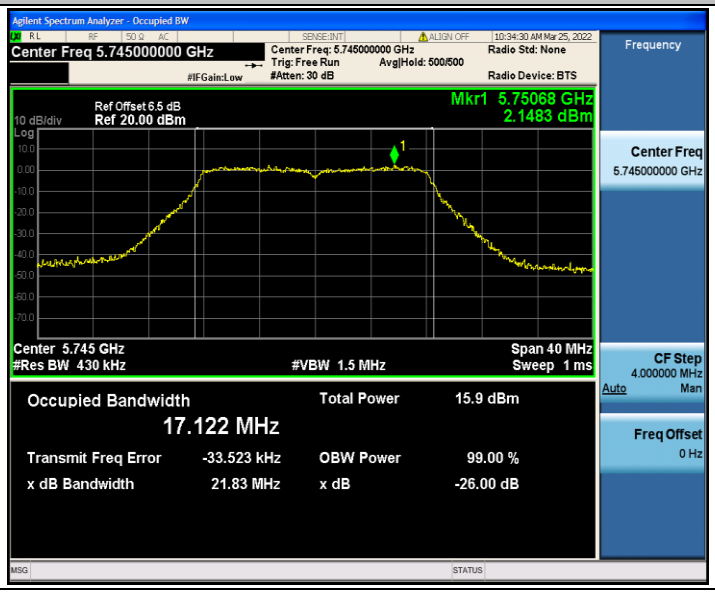
11A_Ant1_5600



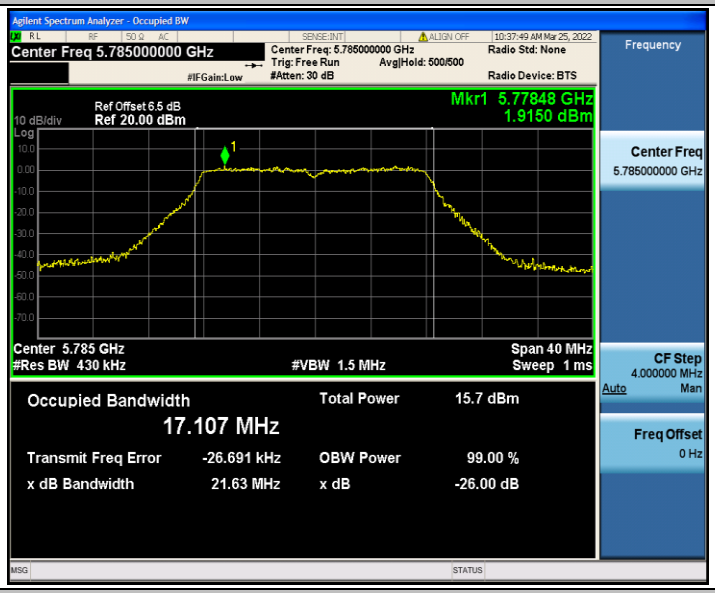
11A_Ant1_5700



11A_Ant1_5745



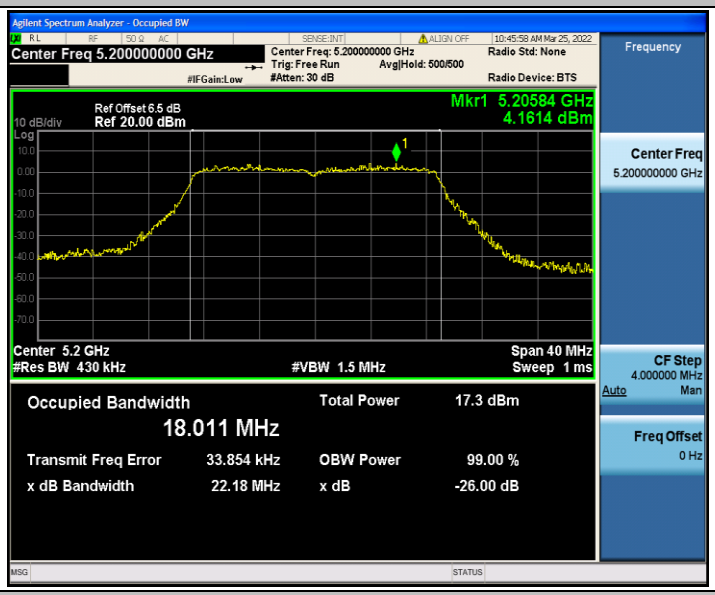
11A_Ant1_5785



11A_Ant1_5825

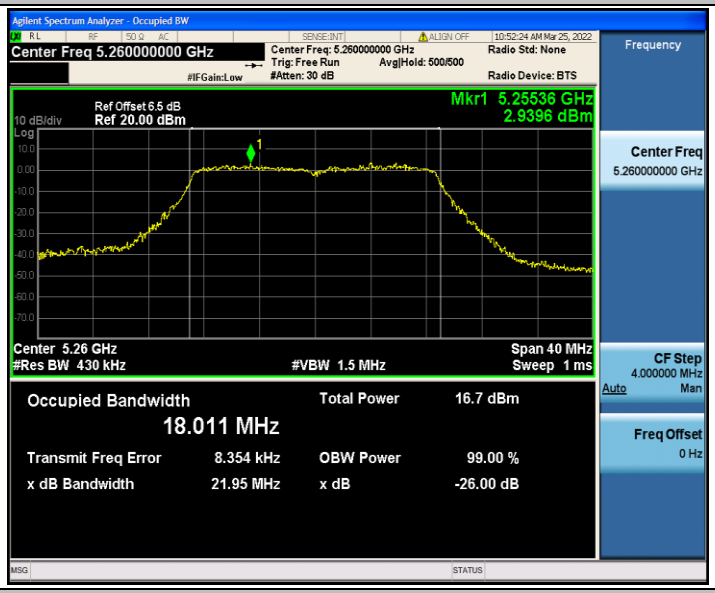
11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

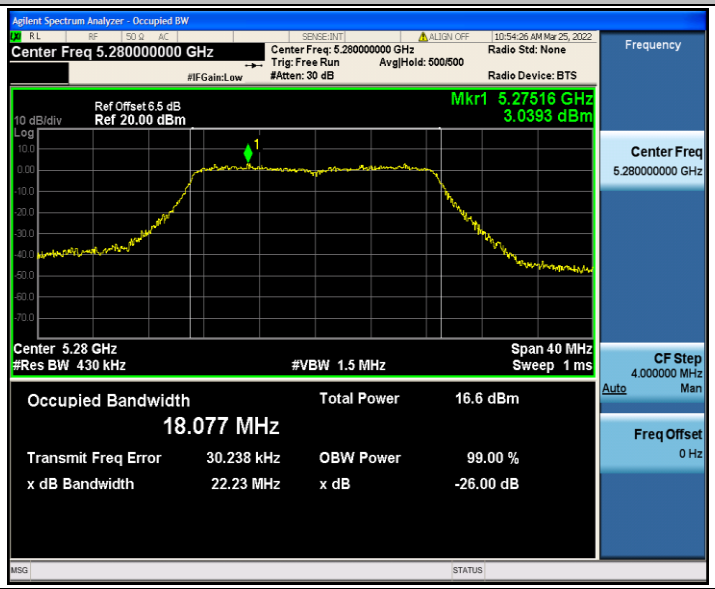


11N20SISO_Ant1_5240

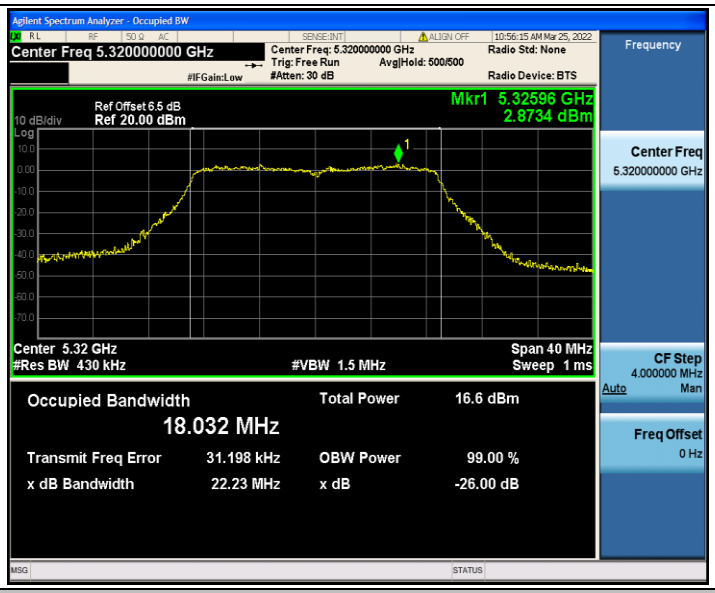
11N20SISO_Ant1_5260



11N20SISO_Ant1_5280

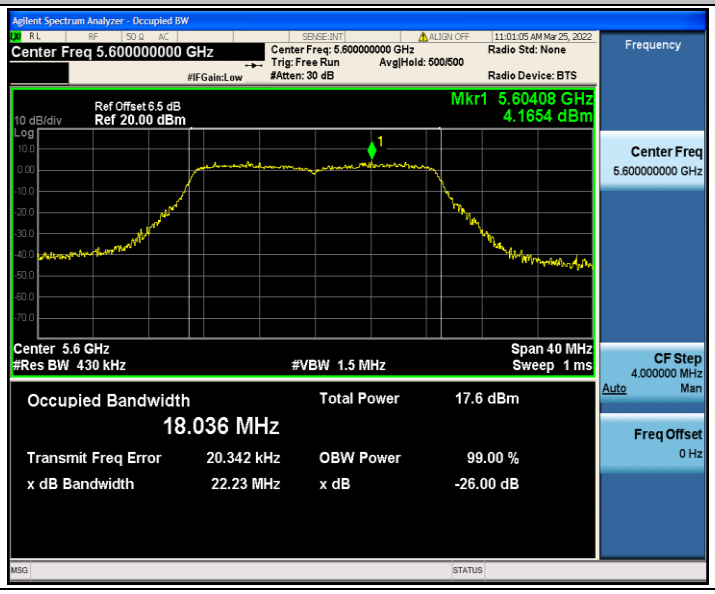


11N20SISO_Ant1_5320

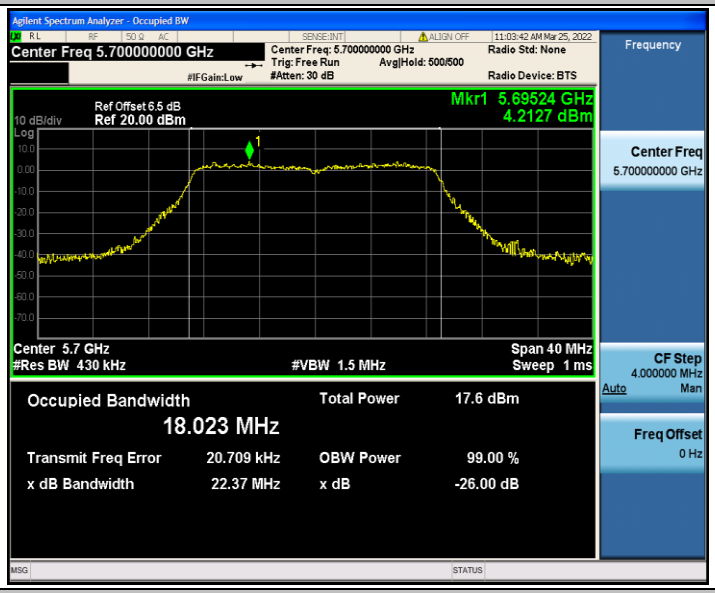


11N20SISO_Ant1_5500

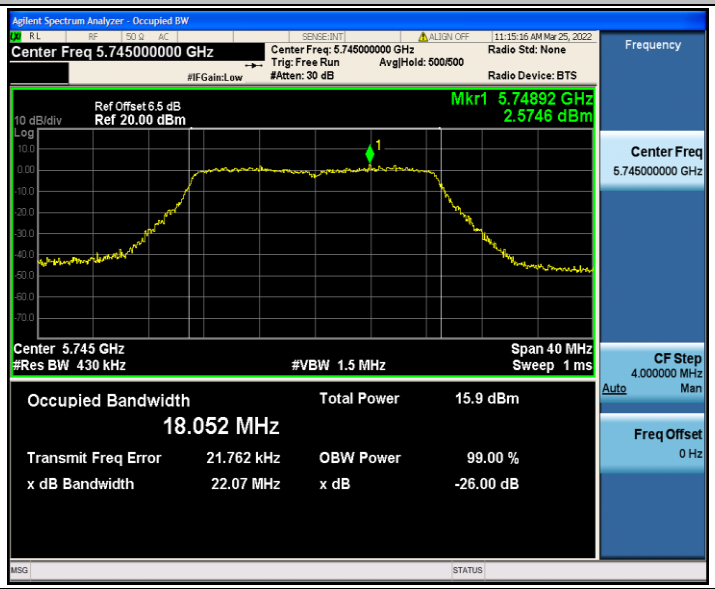
11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



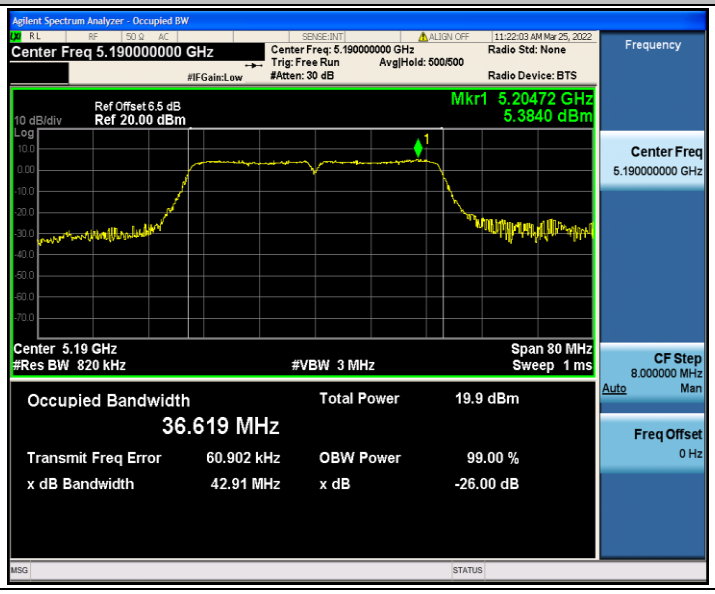
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

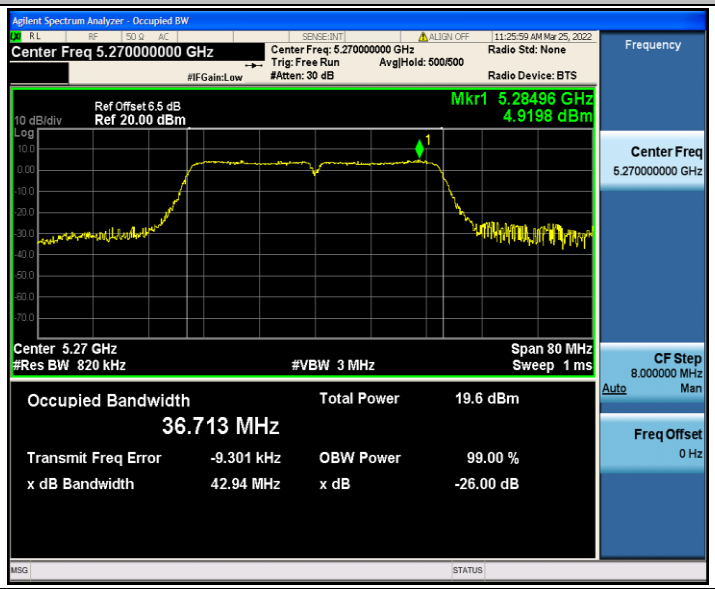
11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

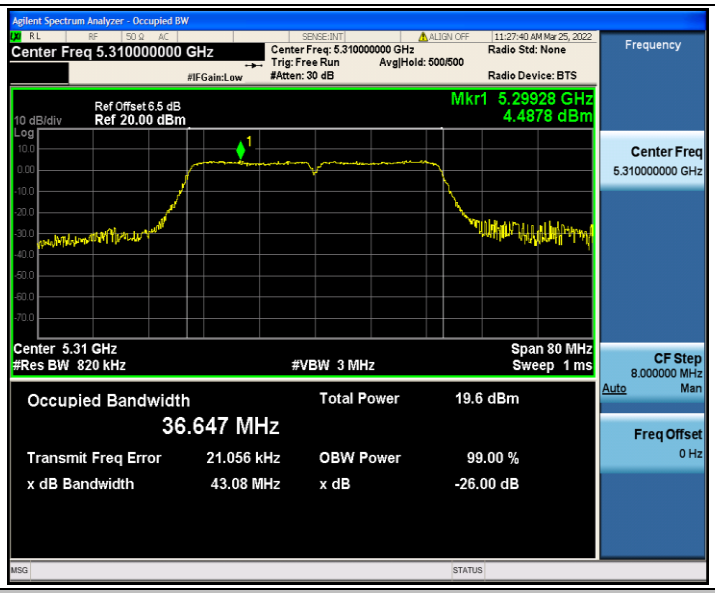


11N40SISO_Ant1_5230

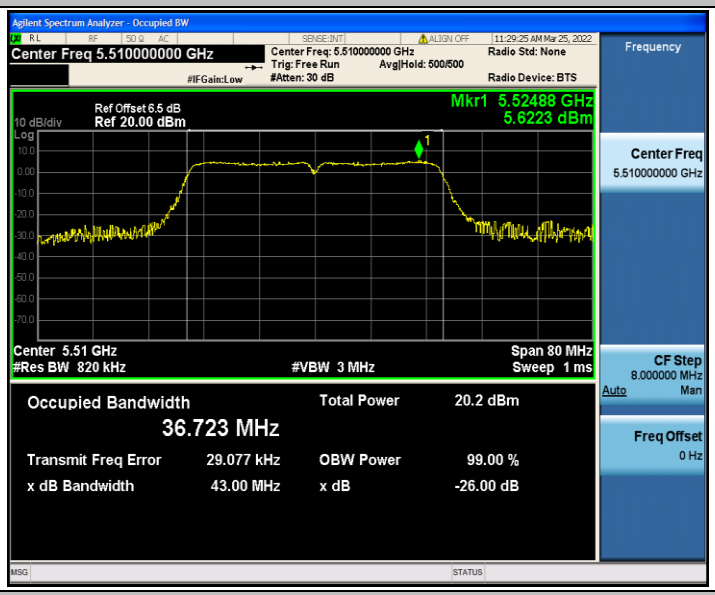
11N40SISO_Ant1_5270



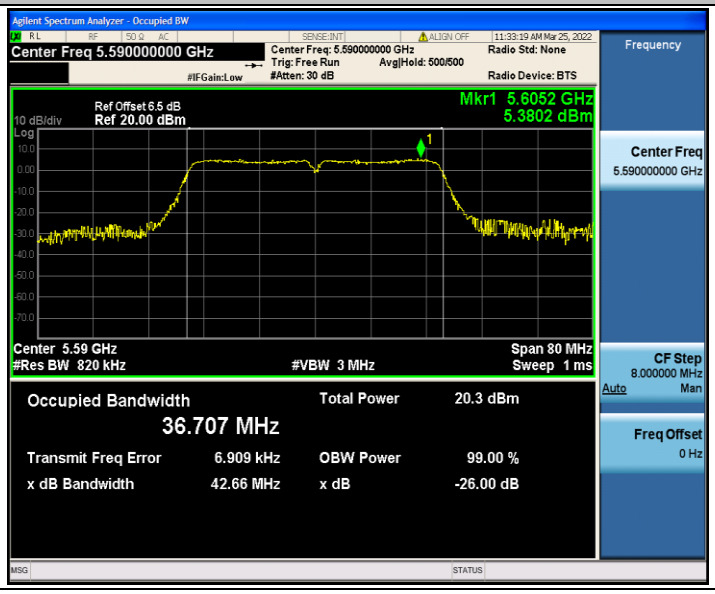
11N40SISO_Ant1_5310



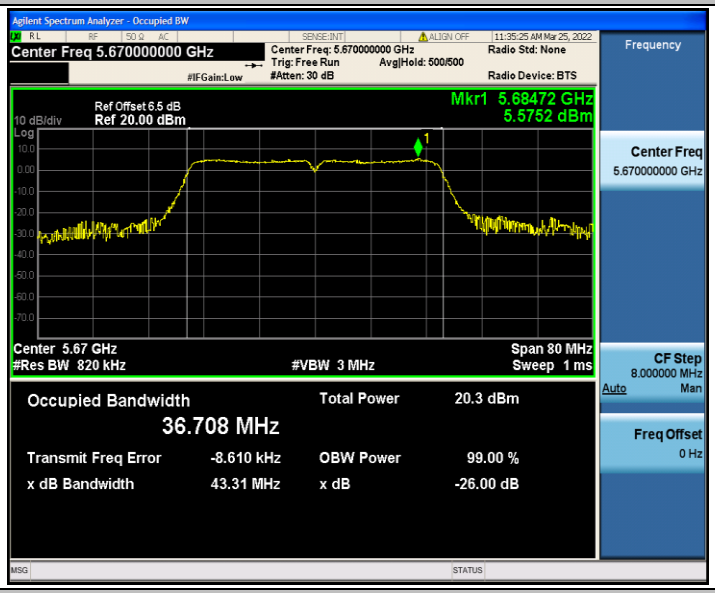
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590

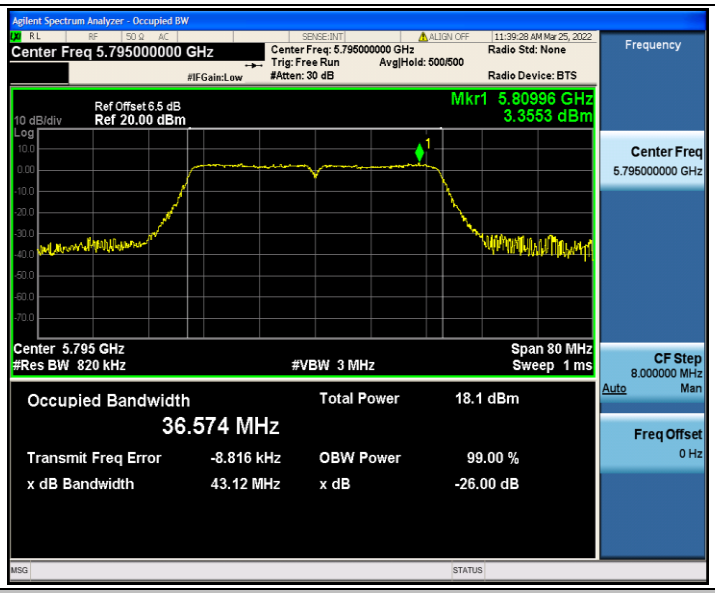


11N40SISO_Ant1_5670

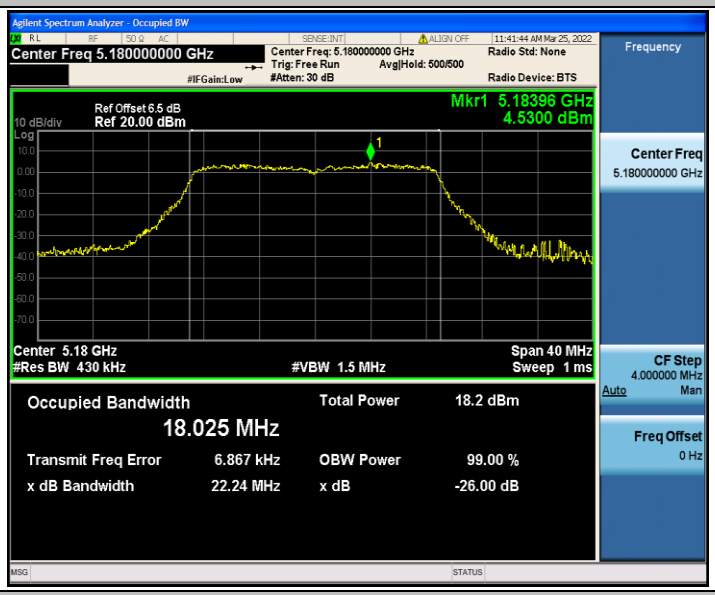


11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

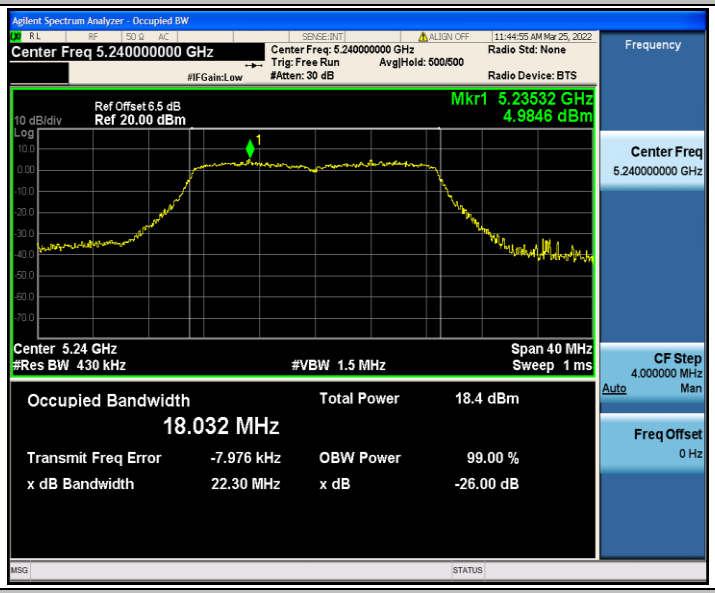


11AC20SISO_Ant1_5180

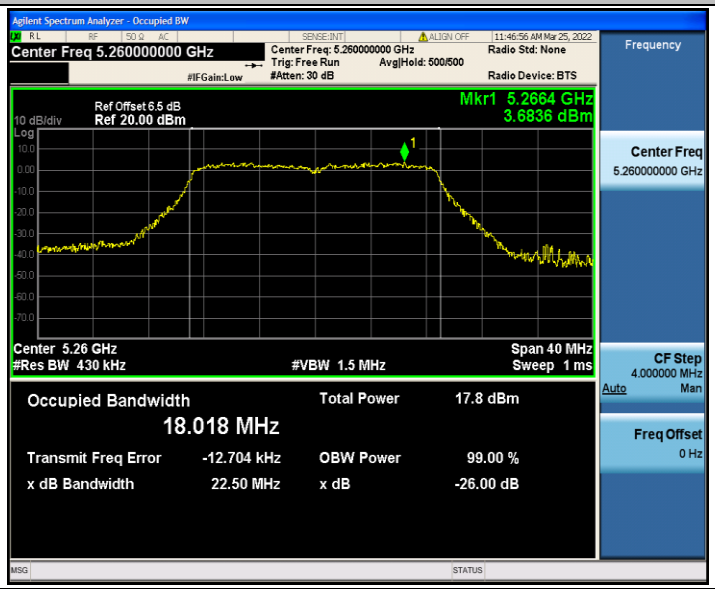


11AC20SISO_Ant1_5200

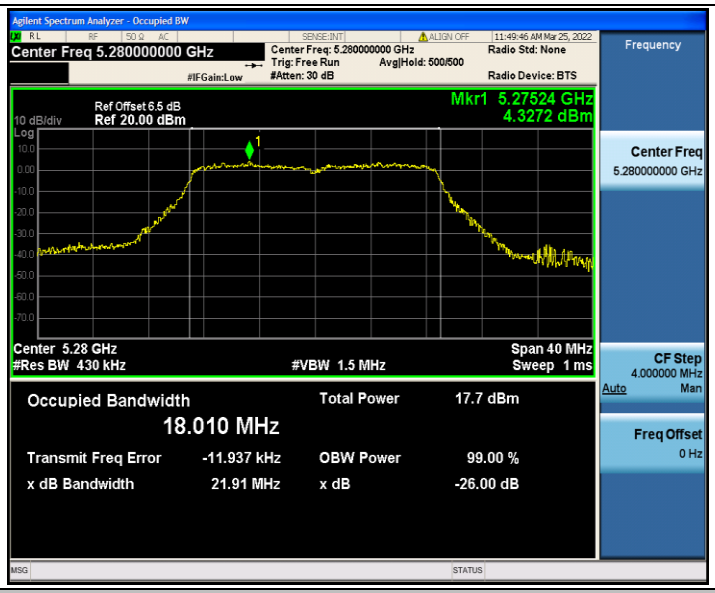
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



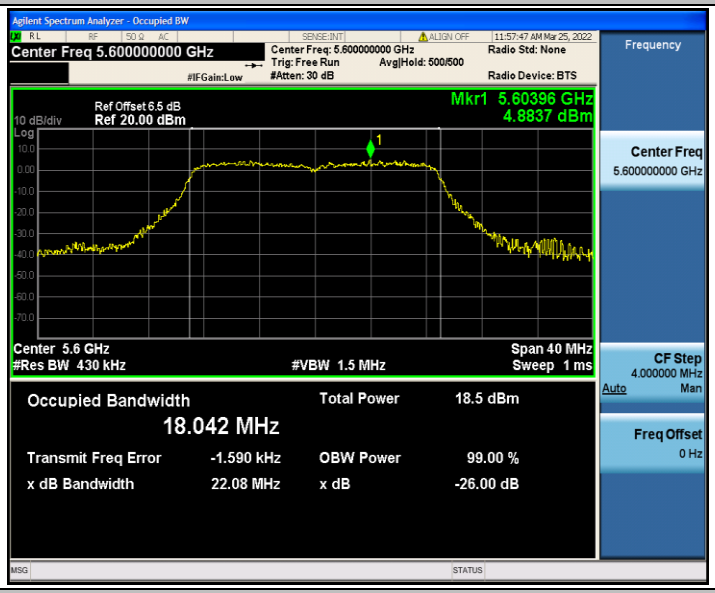
11AC20SISO_Ant1_5280



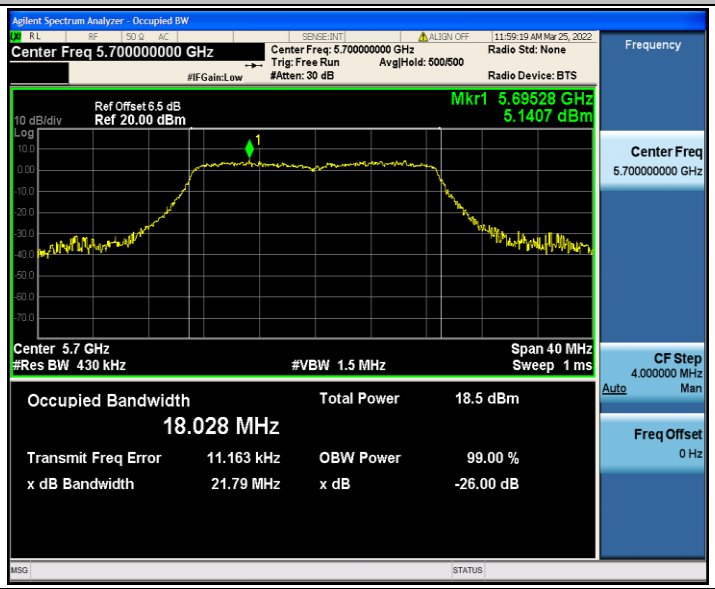
11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

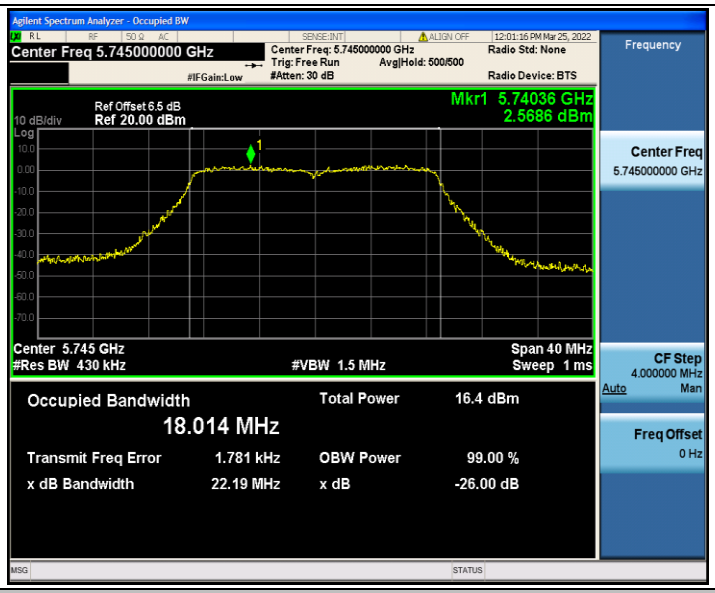
11AC20SISO_Ant1_5600



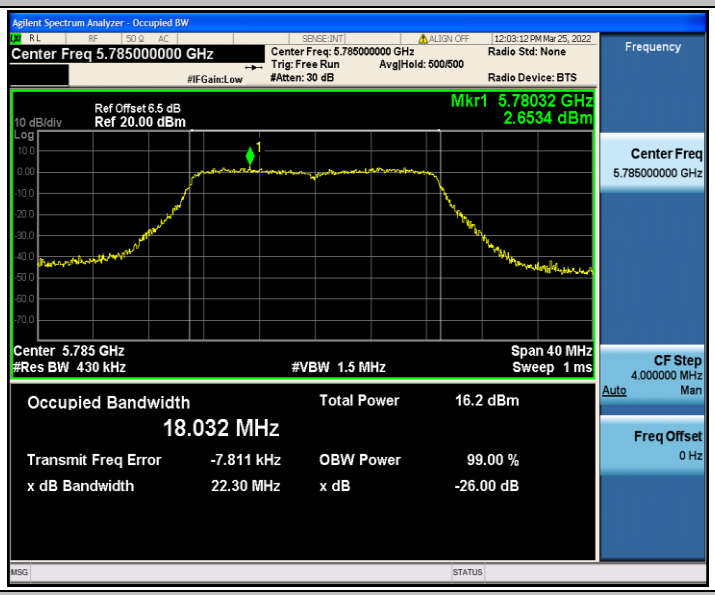
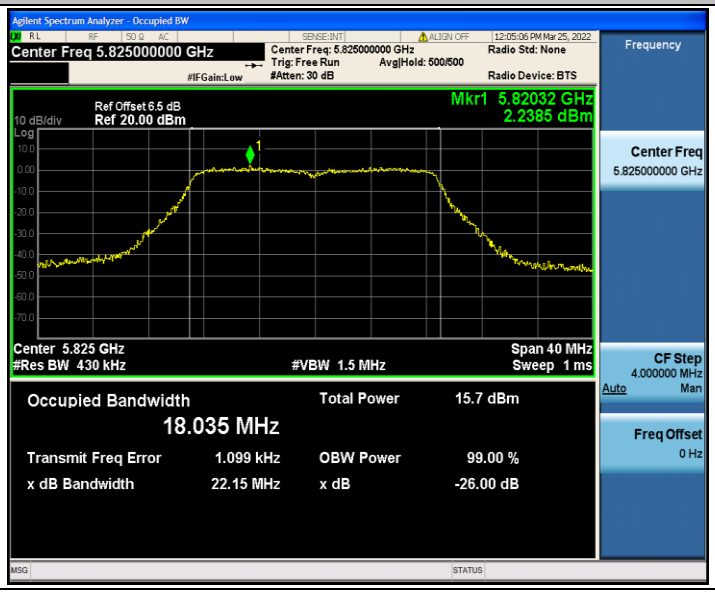
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825