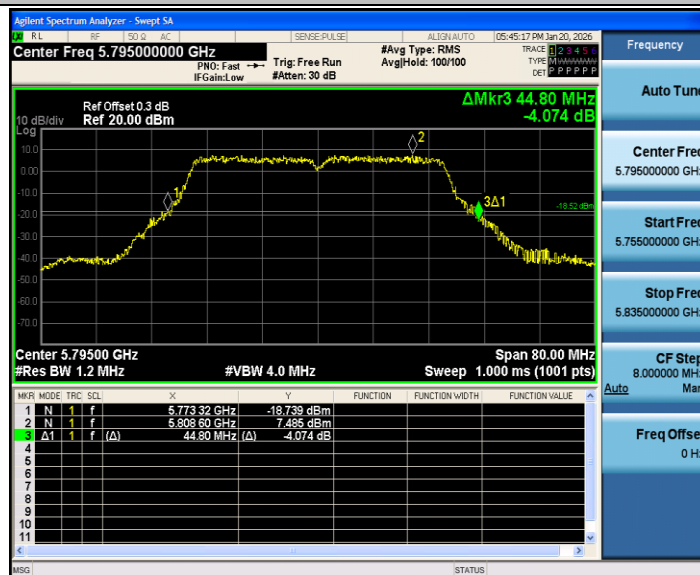
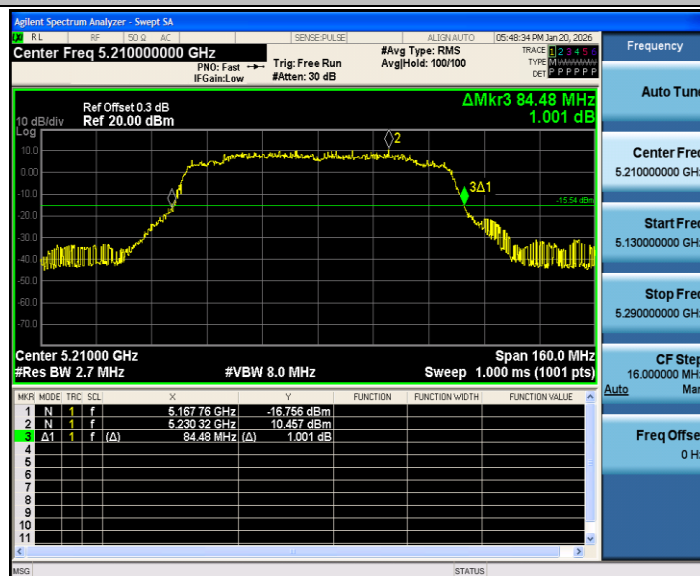




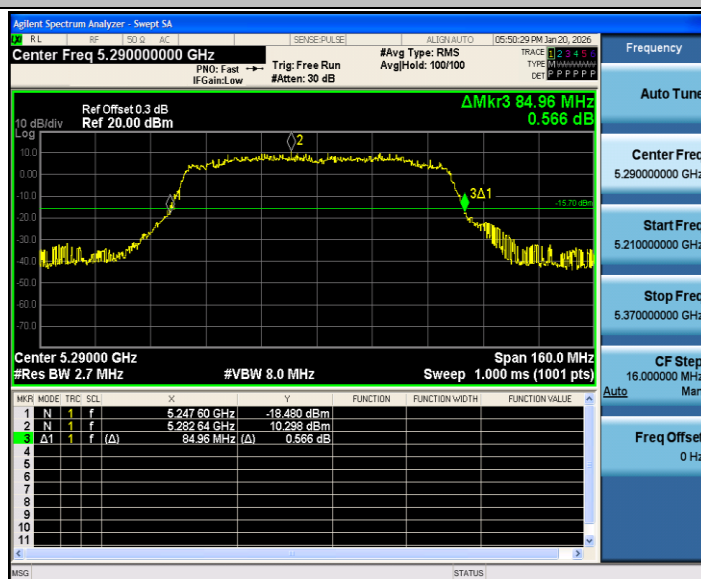
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



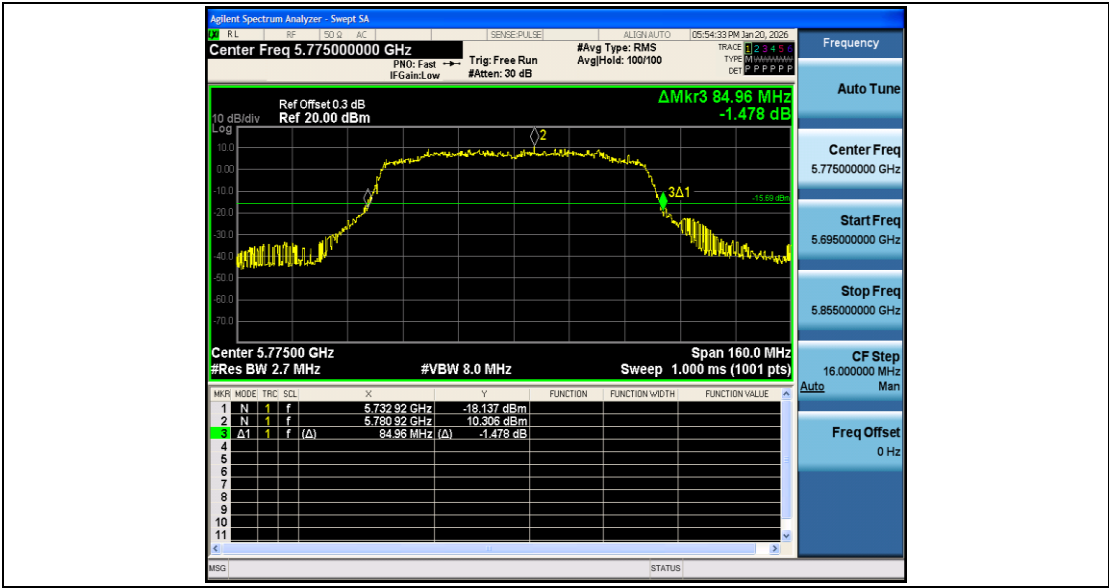
11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5775



Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.243	5171.4641	5188.7071	---	---
		5220	17.267	5211.4277	5228.6947	---	---
		5240	17.276	5231.3975	5248.6735	---	---
		5260	17.207	5251.4382	5268.6452	---	---
		5300	17.264	5291.4034	5308.6674	---	---
		5320	17.227	5311.4245	5328.6515	---	---
		5500	17.274	5491.3774	5508.6514	---	---
		5580	17.220	5571.4386	5588.6586	---	---
		5700	17.196	5691.4472	5708.6432	---	---
		5745	17.618	5736.2620	5753.8800	---	---
		5785	17.680	5776.1988	5793.8788	---	---
		5825	17.663	5816.1810	5833.8440	---	---
11N20SISO	Ant1	5180	18.268	5170.8994	5189.1674	---	---
		5220	18.223	5210.9277	5229.1507	---	---
		5240	18.251	5230.8779	5249.1289	---	---
		5260	18.257	5250.9057	5269.1627	---	---
		5300	18.315	5290.8446	5309.1596	---	---
		5320	18.338	5310.8152	5329.1532	---	---
		5500	18.288	5490.8689	5509.1569	---	---
		5580	18.320	5570.8550	5589.1750	---	---
		5700	18.319	5690.8441	5709.1631	---	---
		5745	18.678	5735.6652	5754.3432	---	---
		5785	18.678	5775.6580	5794.3360	---	---
		5825	18.664	5815.6568	5834.3208	---	---
11N40SISO	Ant1	5190	36.340	5171.8956	5208.2356	---	---
		5230	36.243	5211.9584	5248.2014	---	---
		5270	36.258	5251.9511	5288.2091	---	---
		5310	36.334	5291.9320	5328.2660	---	---
		5510	36.405	5491.9097	5528.3147	---	---
		5550	36.347	5531.9213	5568.2683	---	---
		5670	36.281	5651.9529	5688.2339	---	---
		5755	36.998	5736.6242	5773.6222	---	---
		5795	36.939	5776.6365	5813.5755	---	---
11AC20SISO	Ant1	5180	18.269	5170.9210	5189.1900	---	---
		5220	18.196	5210.9606	5229.1566	---	---
		5240	18.251	5230.9292	5249.1802	---	---
		5260	18.211	5250.9264	5269.1374	---	---

		5300	18.216	5290.9103	5309.1263	---	---
		5320	18.206	5310.9176	5329.1236	---	---
		5500	18.189	5490.9308	5509.1198	---	---
		5580	18.249	5570.9075	5589.1565	---	---
		5700	18.242	5690.8920	5709.1340	---	---
		5745	18.670	5735.6968	5754.3668	---	---
		5785	18.647	5775.7186	5794.3656	---	---
		5825	18.597	5815.6892	5834.2862	---	---
11AC40SISO	Ant1	5190	36.280	5171.9273	5208.2073	---	---
		5230	36.205	5211.9699	5248.1749	---	---
		5270	36.227	5251.9774	5288.2044	---	---
		5310	36.313	5291.9356	5328.2486	---	---
		5510	36.274	5491.9523	5528.2263	---	---
		5550	36.343	5531.9024	5568.2454	---	---
		5670	36.281	5651.9258	5688.2068	---	---
		5755	36.950	5736.6236	5773.5736	---	---
		5795	36.947	5776.6173	5813.5643	---	---
11AC80SISO	Ant1	5210	75.564	5172.3008	5247.8648	---	---
		5290	75.749	5252.2696	5328.0186	---	---
		5530	75.633	5492.3013	5567.9343	---	---
		5775	75.744	5737.3247	5813.0687	---	---

Test Graphs

11A_Ant1_5180



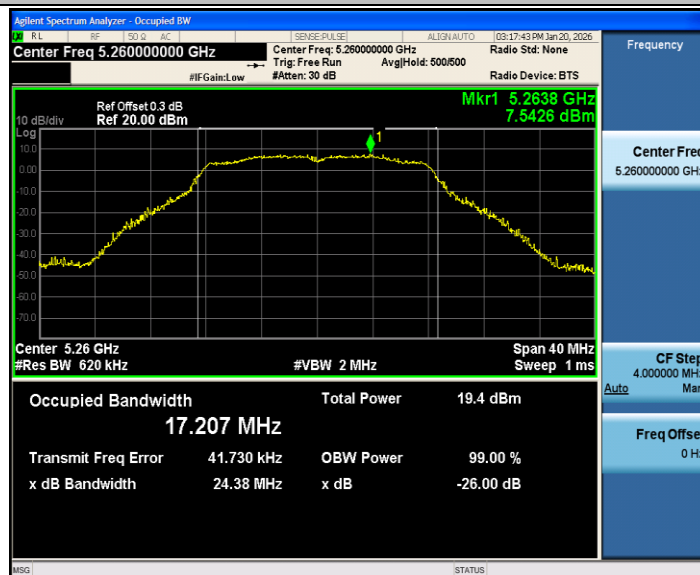
11A_Ant1_5220



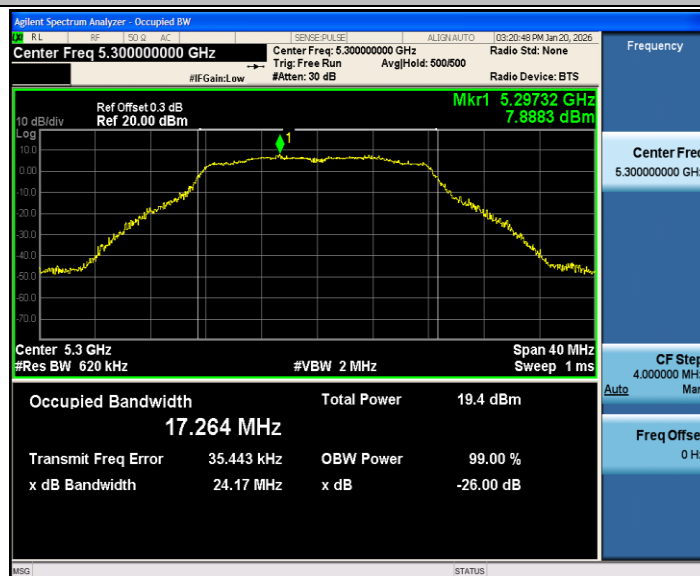
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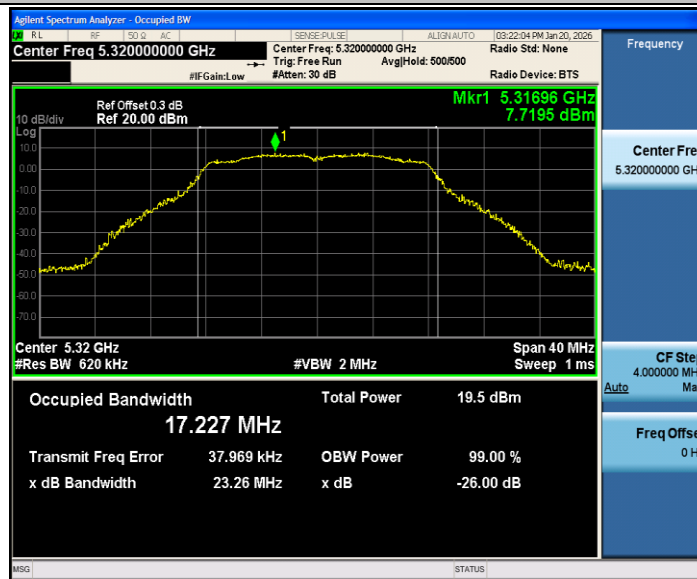
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



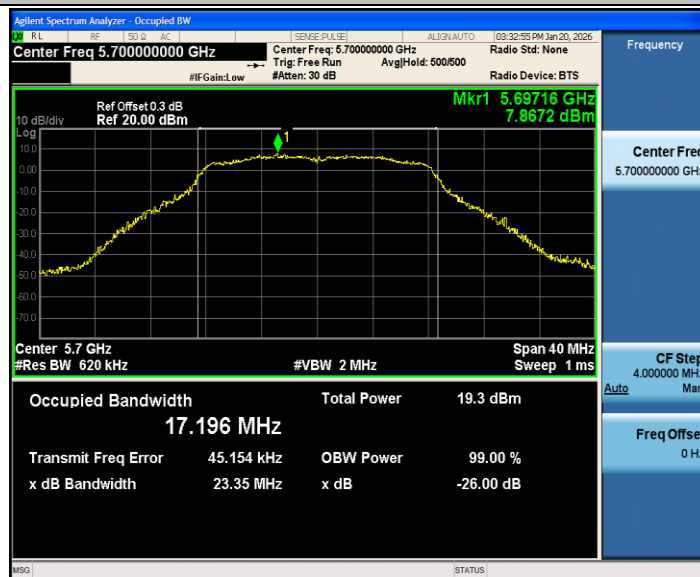
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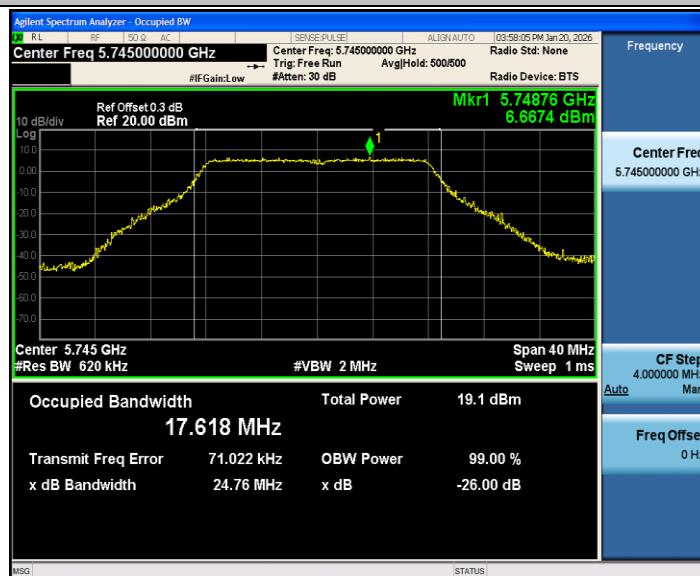
11A_Ant1_5580



11A_Ant1_5700



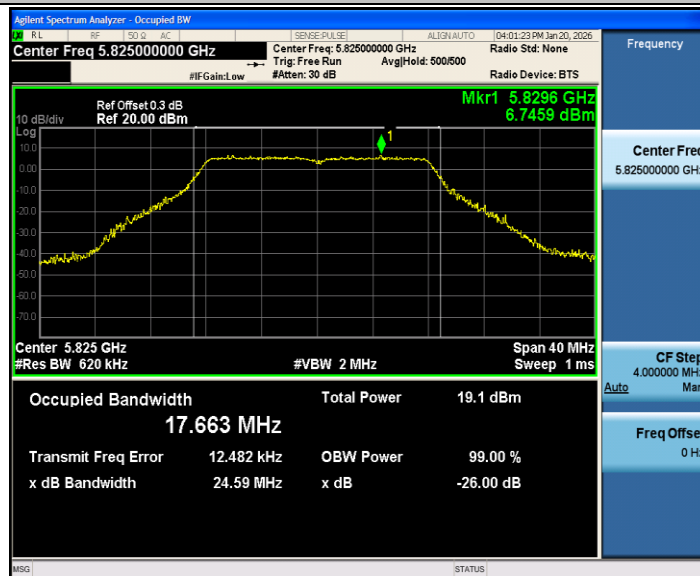
11A_Ant1_5745



11A_Ant1_5785



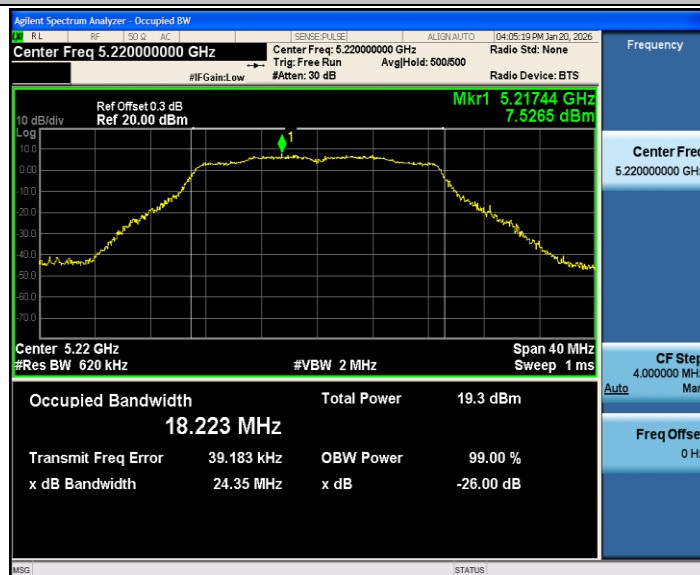
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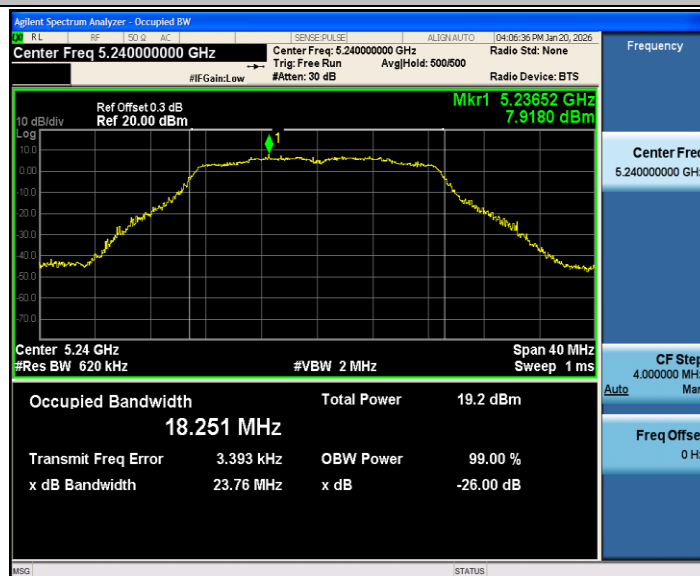
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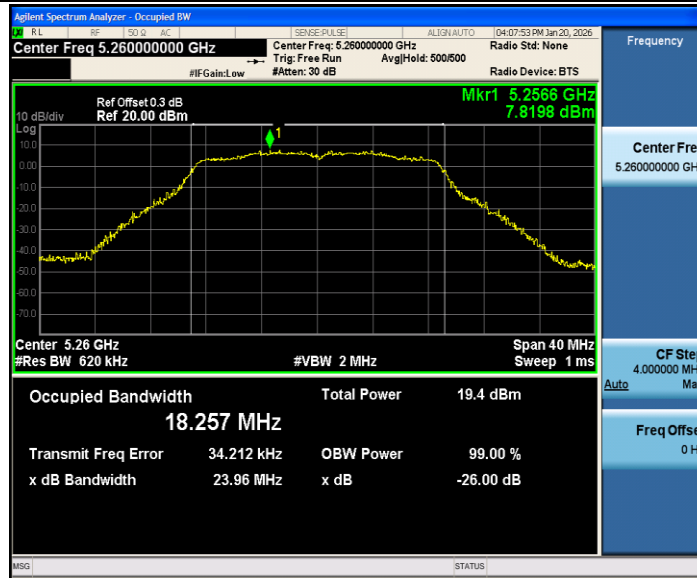
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11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



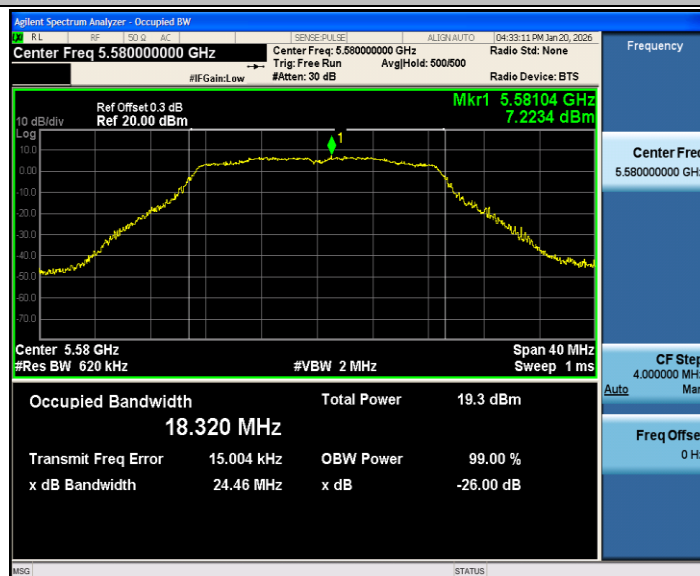
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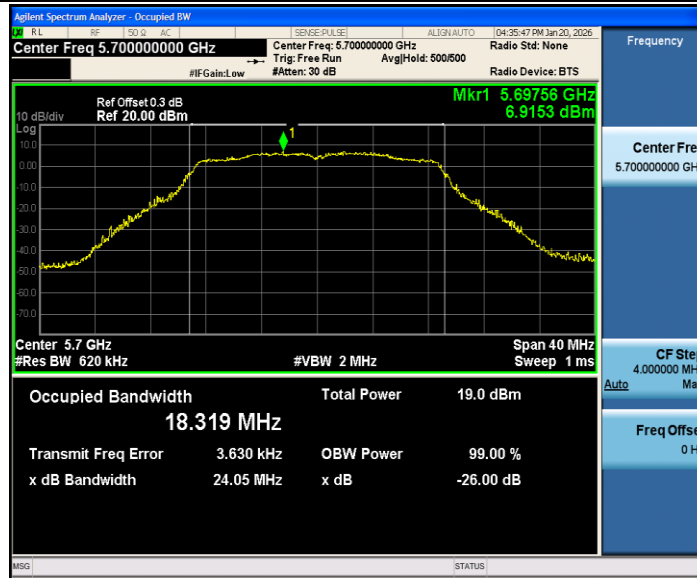
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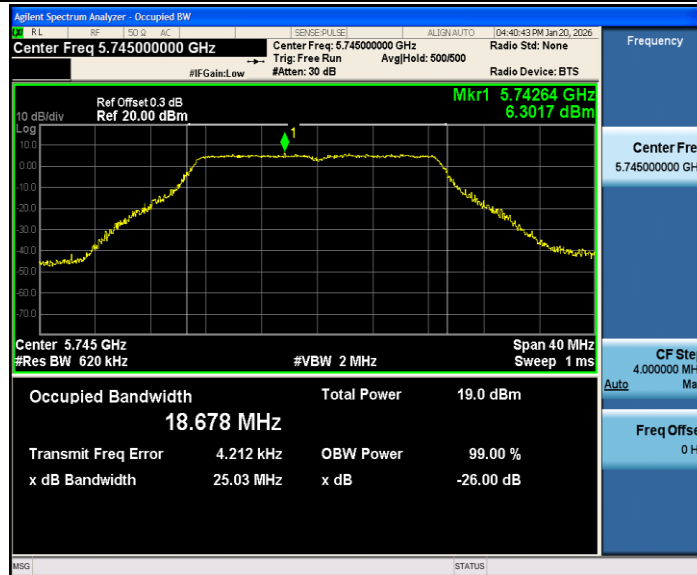
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11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



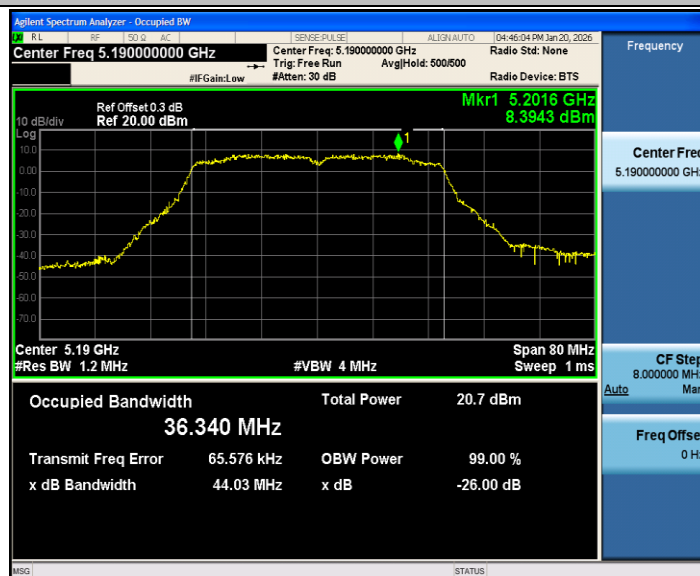
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



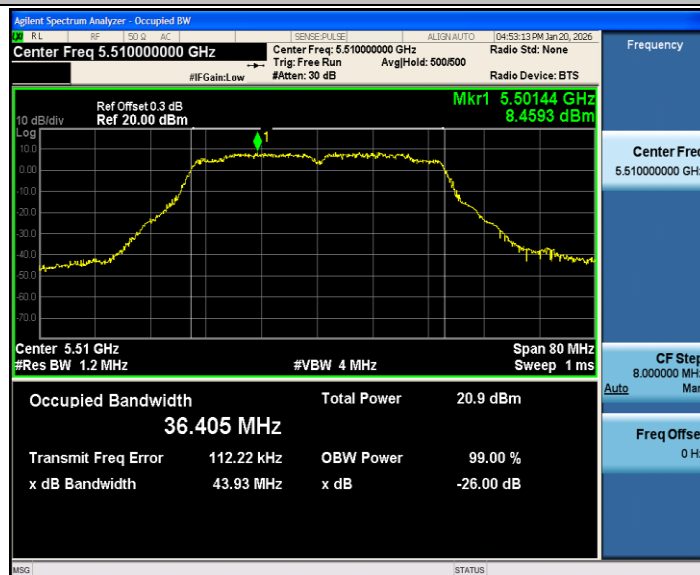
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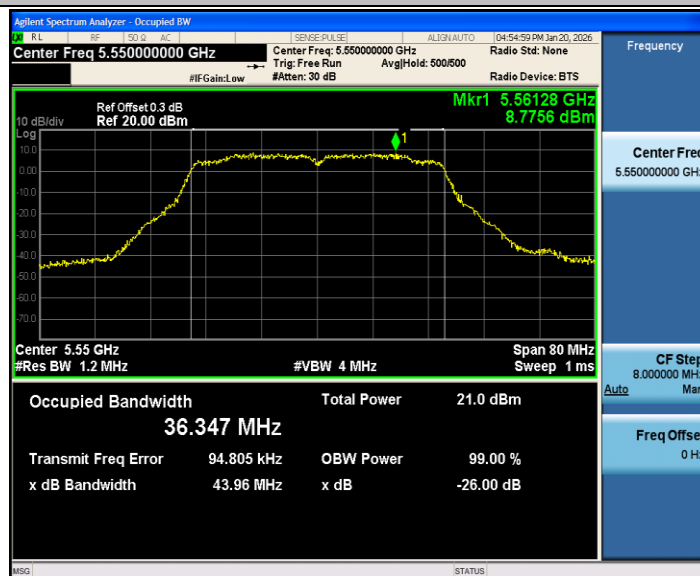
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11N40SISO_Ant1_5510



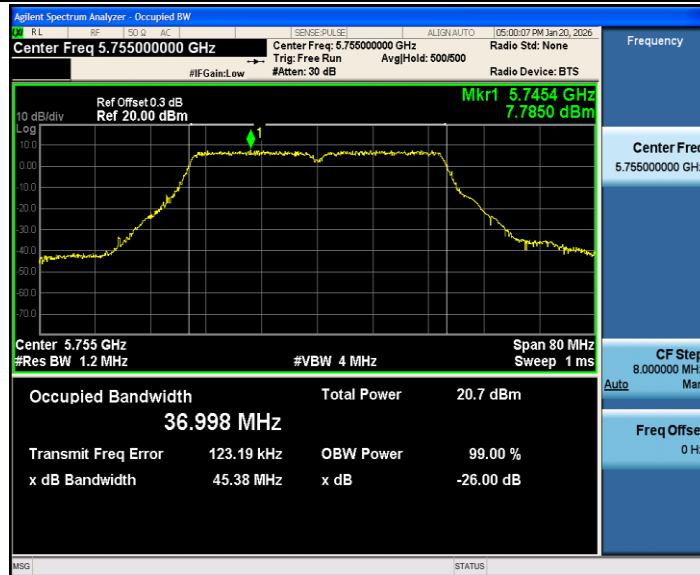
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11N40SISO_Ant1_5670



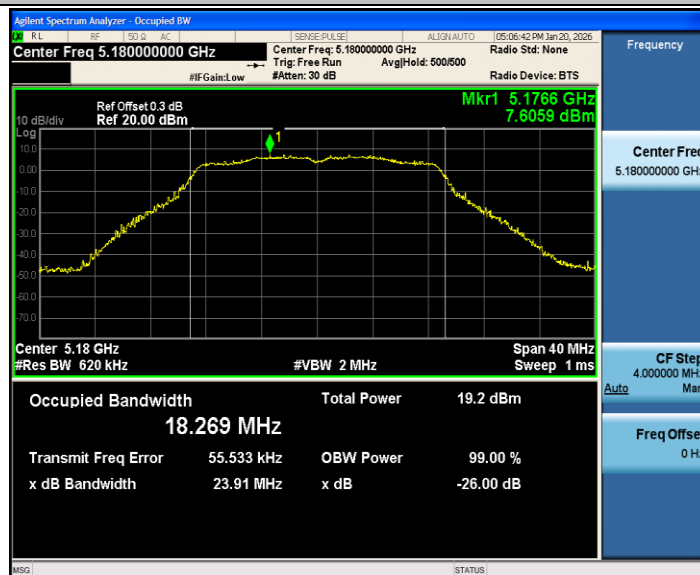
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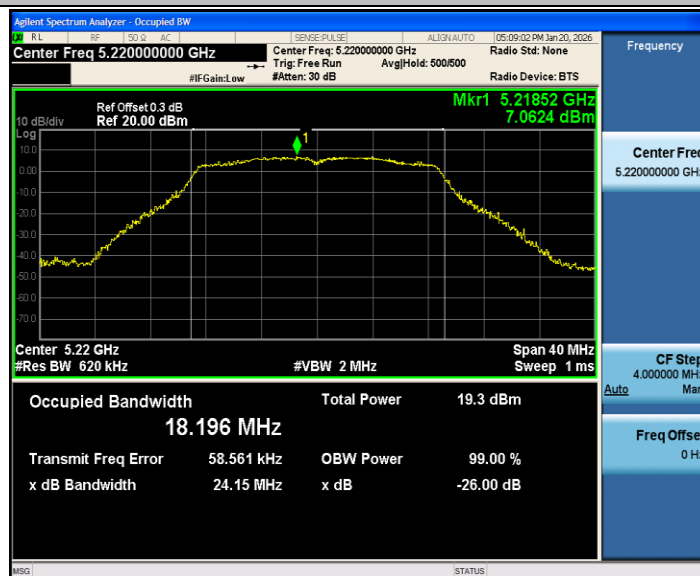
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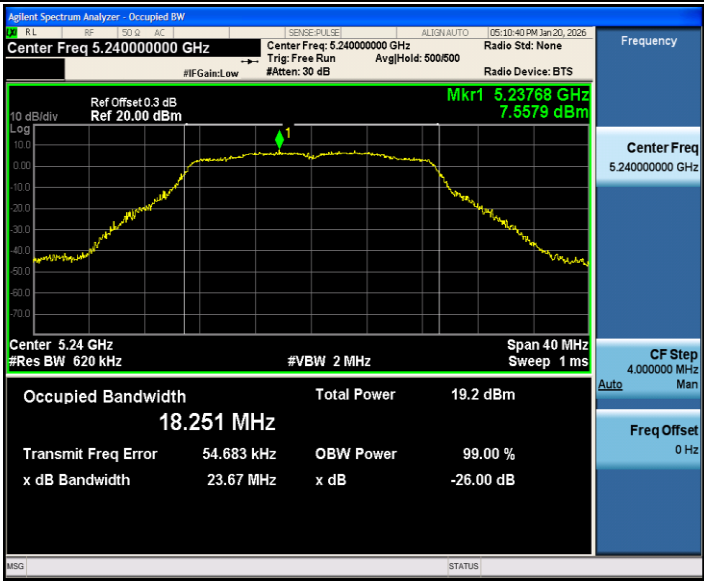
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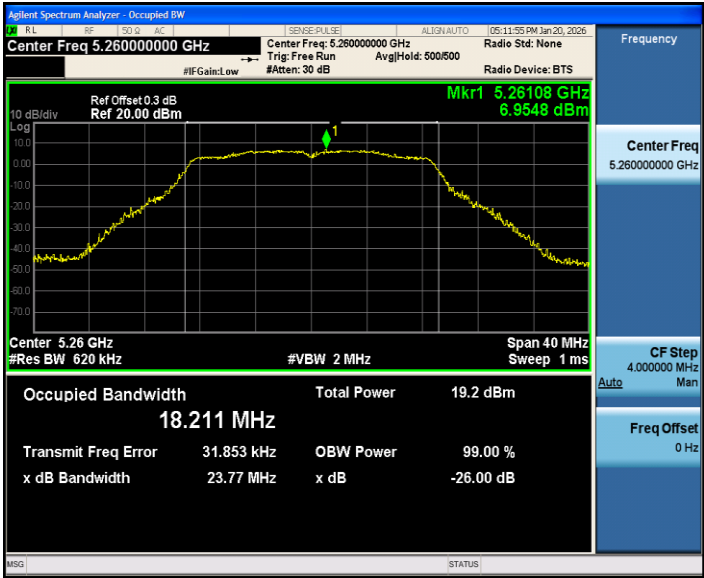
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



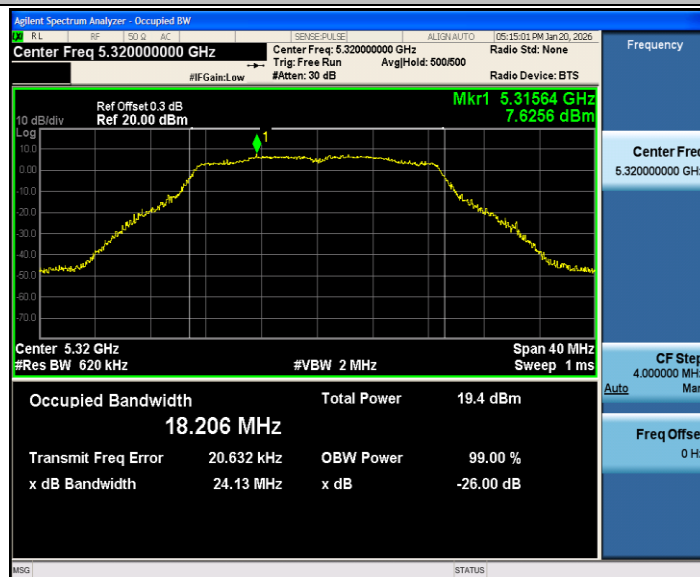
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



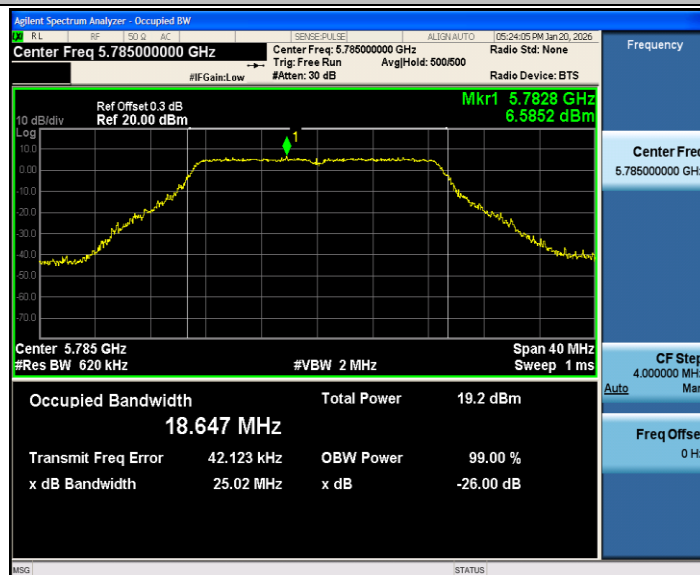
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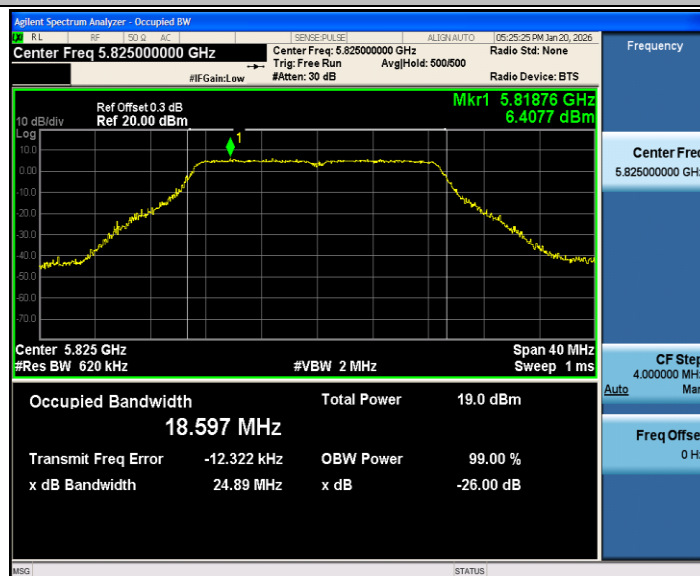
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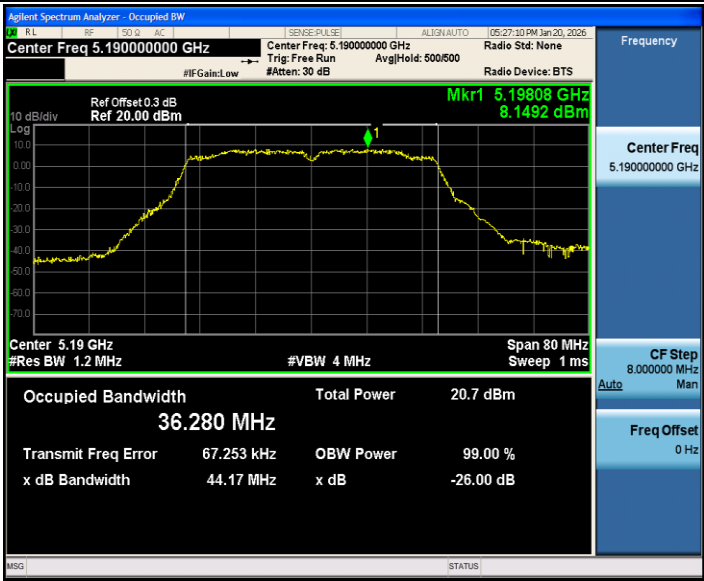
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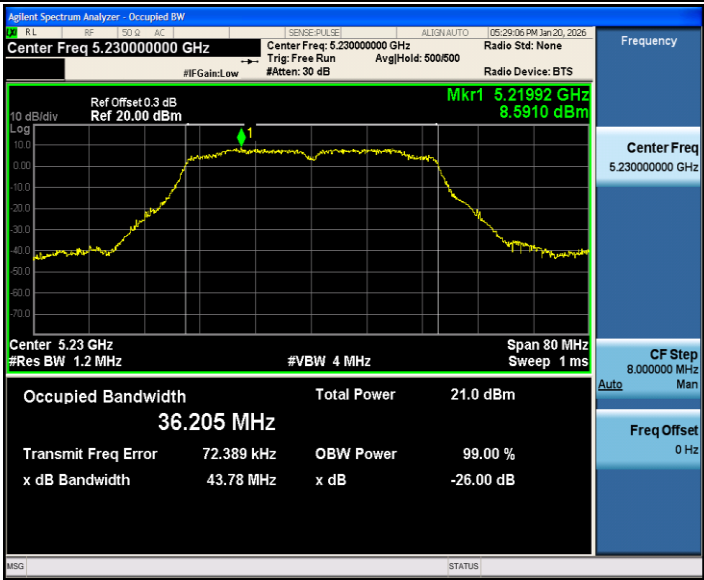
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



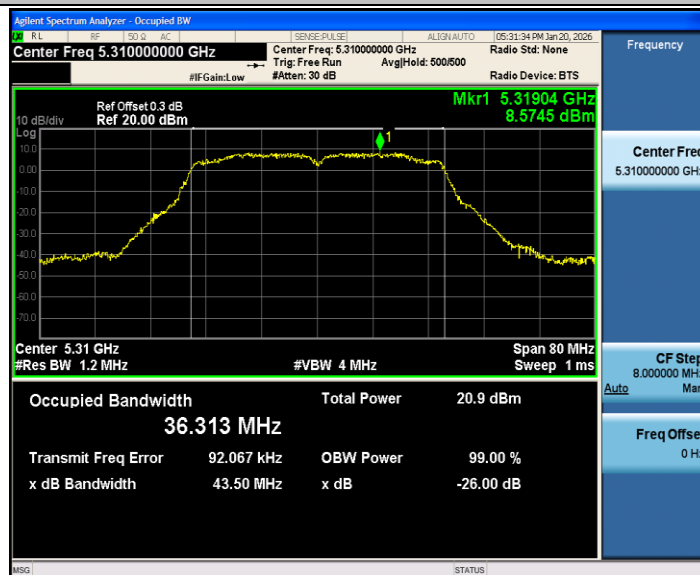
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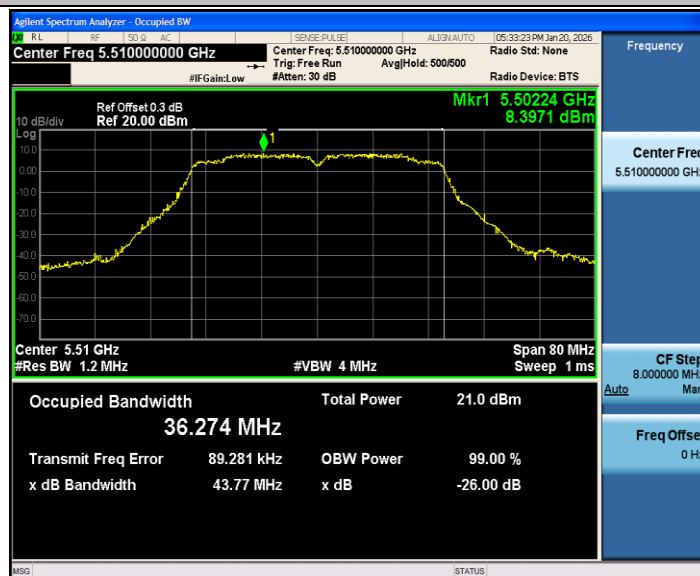
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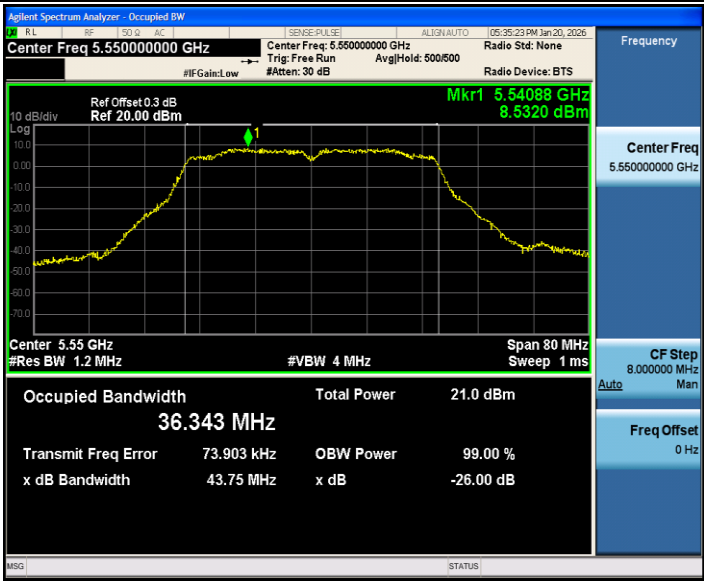
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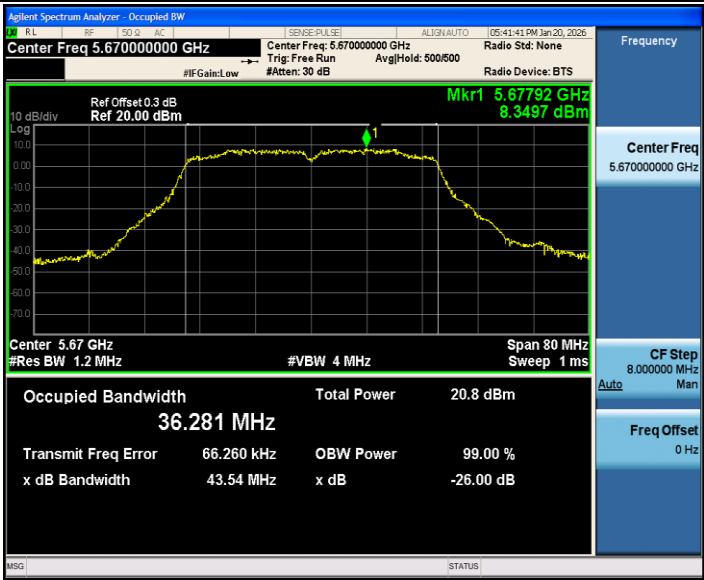
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11AC40SISO_Ant1_5550



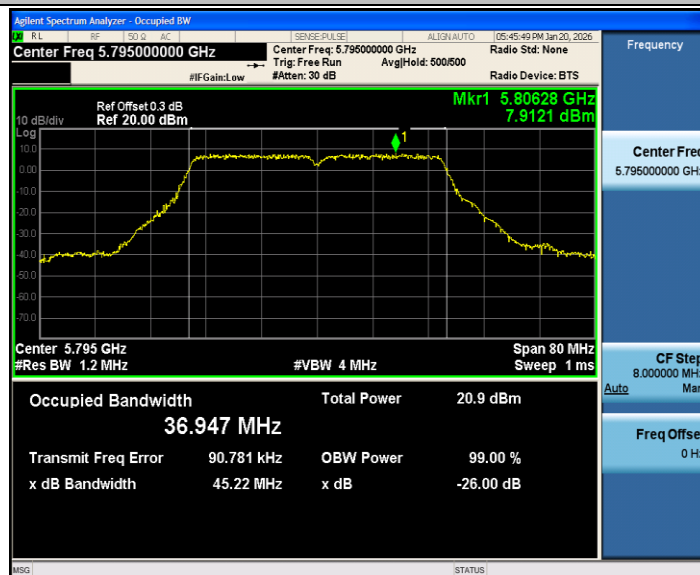
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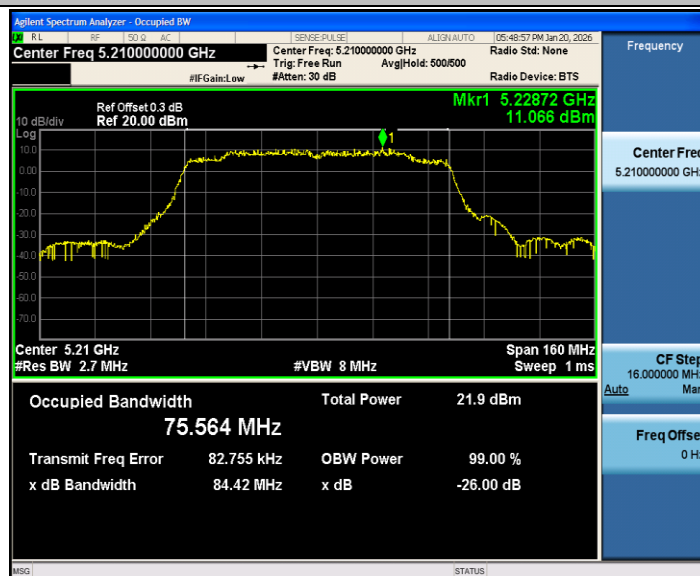
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



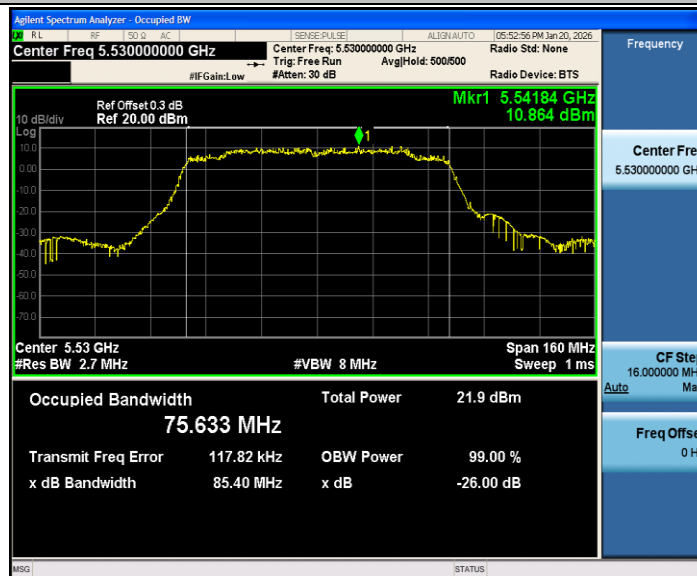
11AC80SISO_Ant1_5210



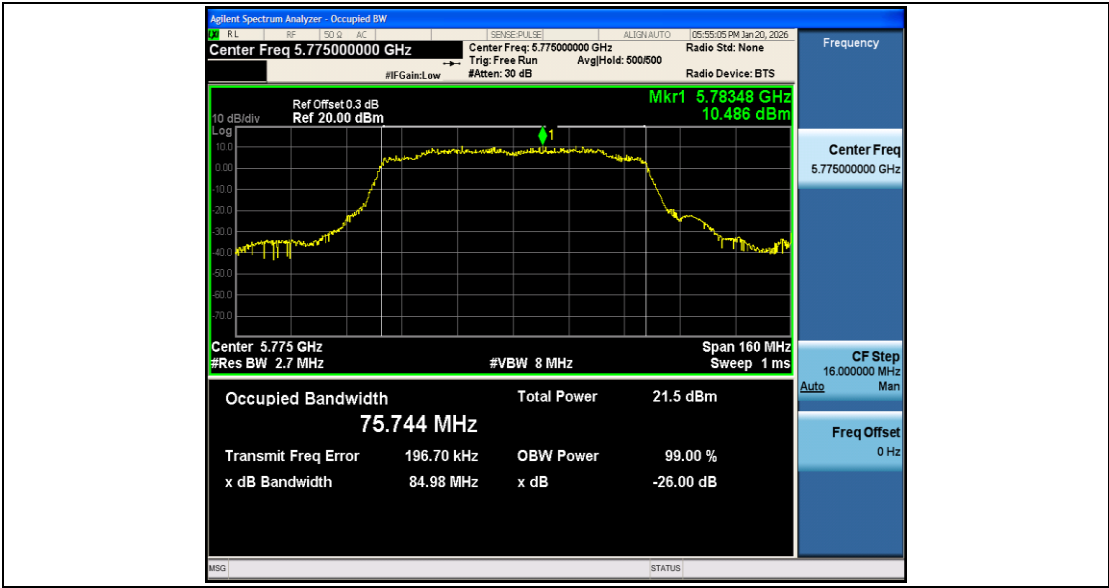
11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5775



Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.000	5777.160	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.480	5736.280	5753.760	0.5	PASS
		5785	17.360	5776.400	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS

11A_Ant1_5745

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.74500000 GHz

Ref Offset 0.3 dB
Ref 20.00 dBm

ΔMkr3 16.32 MHz
0.174 dB

10 dB/div
Log

Center 5.74500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.736 84 GHz	-3.361 dBm			
2	N	1	f	5.745 24 GHz	1.610 dBm			
3	Δ1	1	f (Δ)	16.32 MHz (Δ)	0.174 dB			

Frequency

Auto Tune

Center Freq 5.74500000 GHz

Start Freq 5.725000000 GHz

Stop Freq 5.765000000 GHz

CF Step 4.000000 MHz
Man

Freq Offset 0 Hz

11A_Ant1_5785

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.78500000 GHz

Ref Offset 0.3 dB
Ref 20.00 dBm

ΔMkr3 16.32 MHz
1.199 dB

10 dB/div
Log

Center 5.78500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.776 84 GHz	-4.036 dBm			
2	N	1	f	5.786 24 GHz	1.843 dBm			
3	Δ1	1	f (Δ)	16.32 MHz (Δ)	1.199 dB			

Frequency

Auto Tune

Center Freq 5.78500000 GHz

Start Freq 5.765000000 GHz

Stop Freq 5.805000000 GHz

CF Step 4.000000 MHz
Man

Freq Offset 0 Hz

11A_Ant1_5825