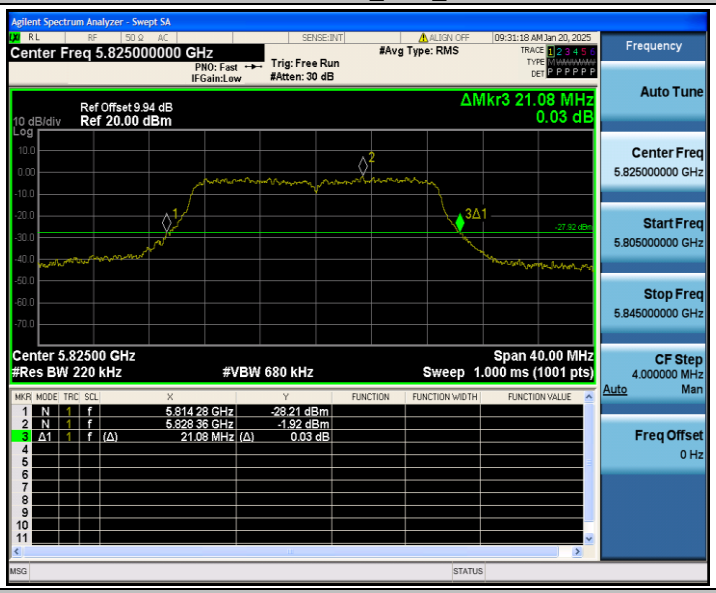
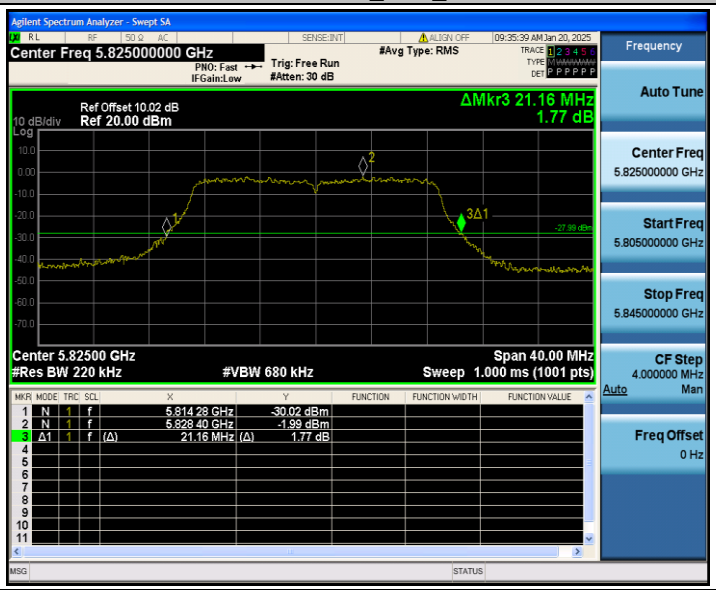
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190

11AC40MIMO_Ant2_5190

11AC40MIMO_Ant1_5230

11AC40MIMO_Ant2_5230

11AC40MIMO_Ant1_5270

11AC40MIMO_Ant2_5270

11AC40MIMO_Ant1_5310

11AC40MIMO_Ant2_5310

11AC40MIMO_Ant1_5510

11AC40MIMO_Ant2_5510

11AC40MIMO_Ant1_5590

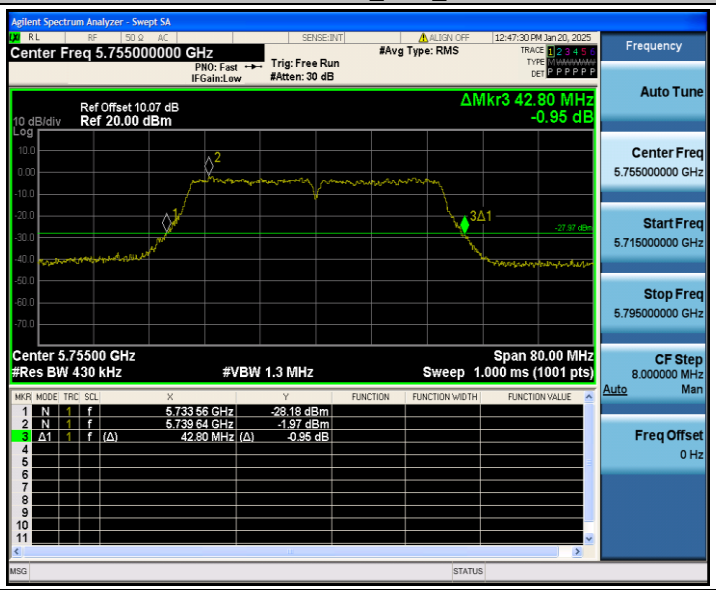
11AC40MIMO_Ant2_5590

11AC40MIMO_Ant1_5670

11AC40MIMO_Ant2_5670

11AC40MIMO_Ant1_5755

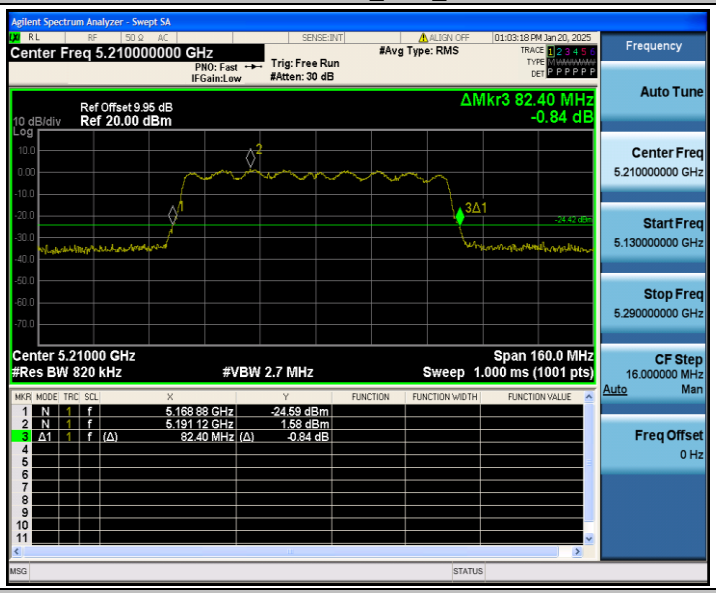
11AC40MIMO_Ant2_5755



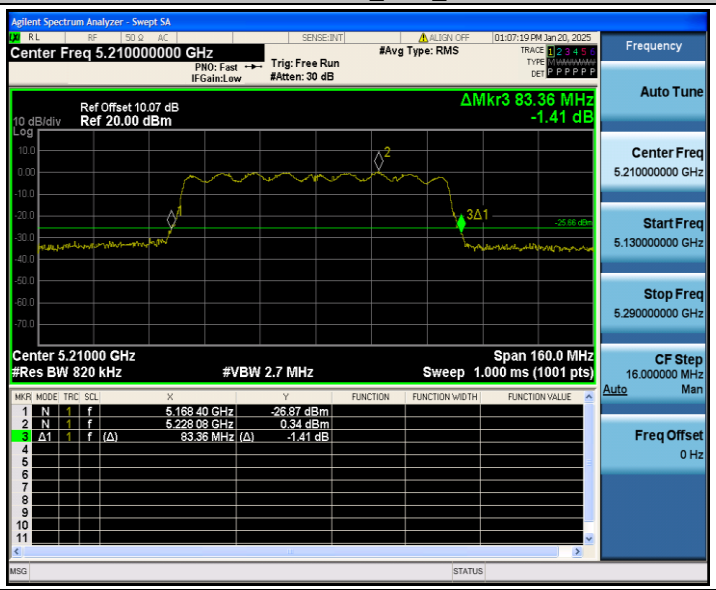
11AC40MIMO_Ant1_5795

11AC40MIMO_Ant2_5795

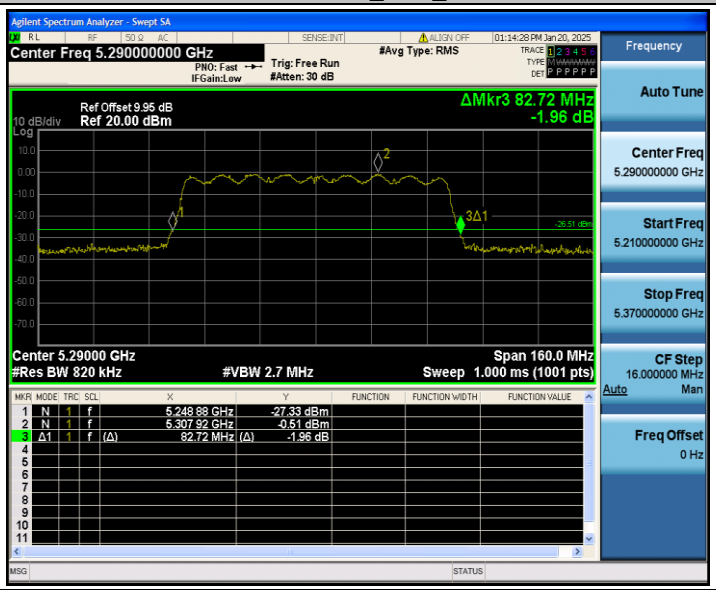
11AC80MIMO_Ant1_5210



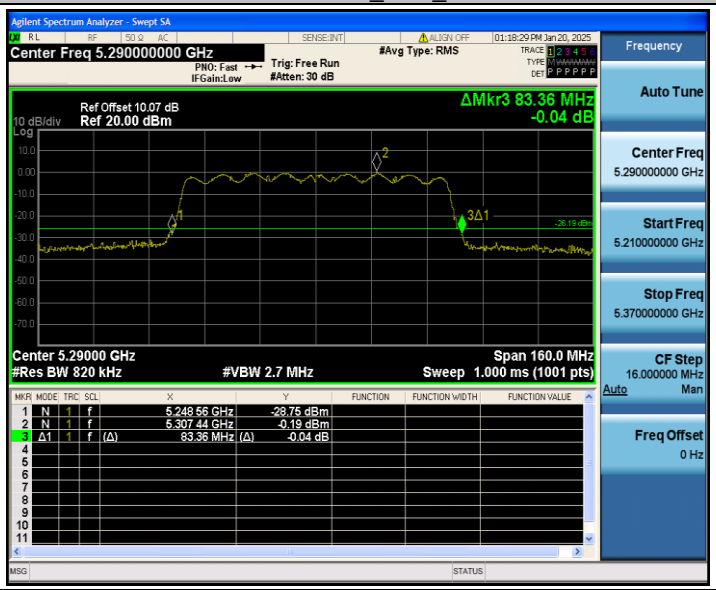
11AC80MIMO_Ant2_5210



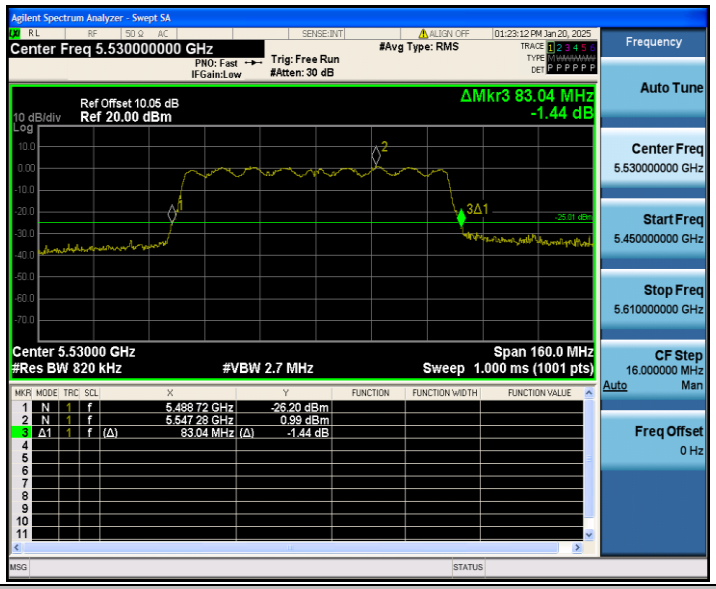
11AC80MIMO_Ant1_5290



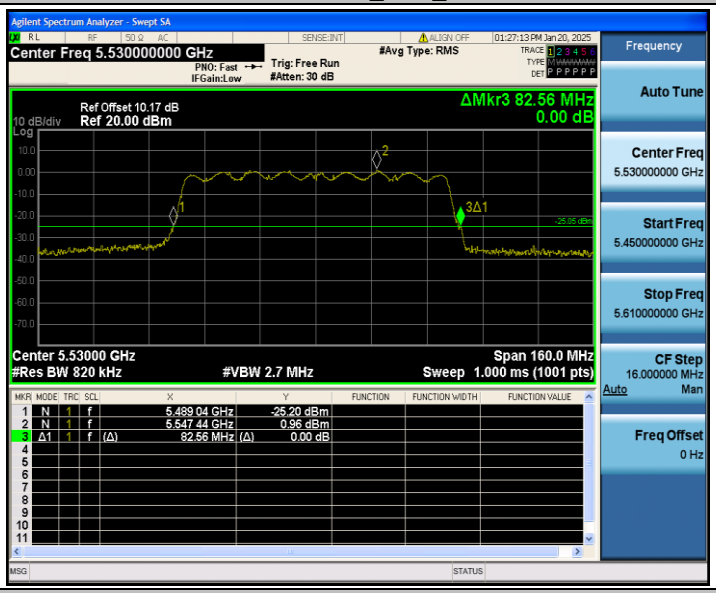
11AC80MIMO_Ant2_5290



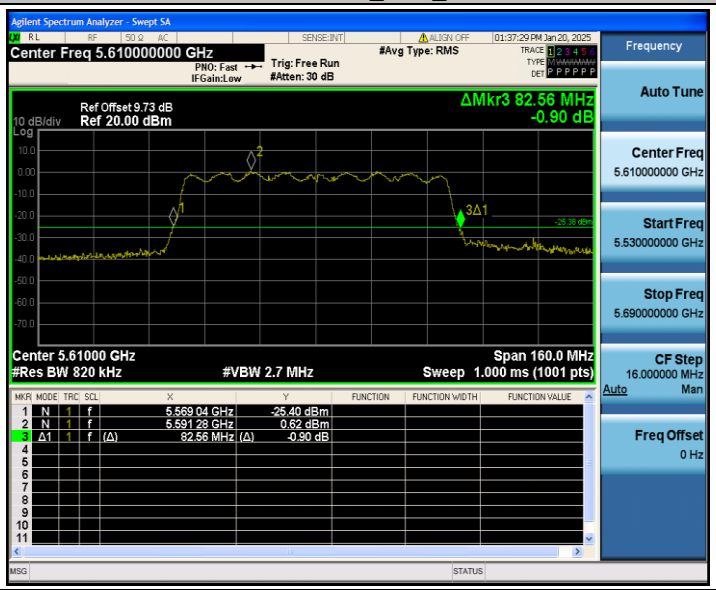
11AC80MIMO_Ant1_5530



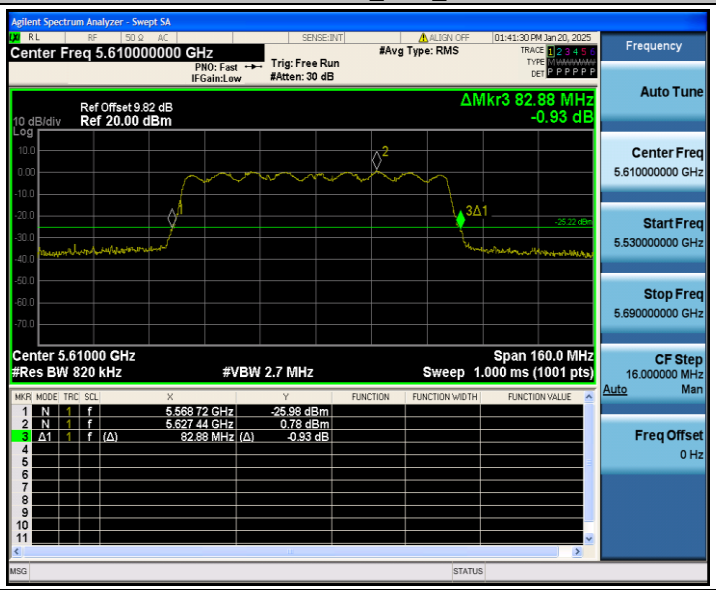
11AC80MIMO_Ant2_5530



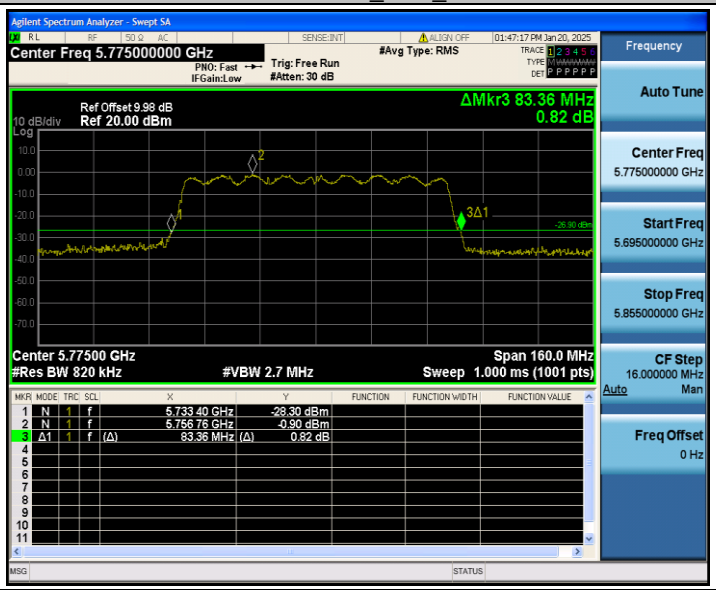
11AC80MIMO_Ant1_5610



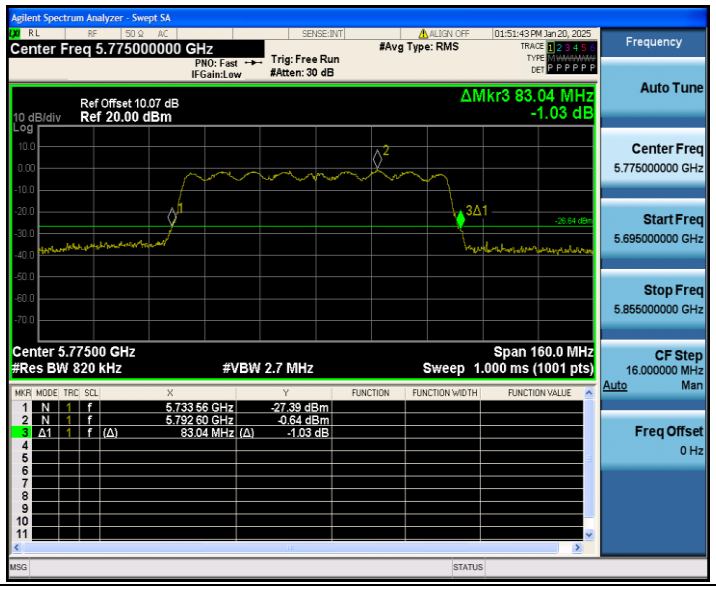
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
01:51:43 PM Jan 20, 2025
Frequency
Auto Tune
Ref Offset 10.07 dB
10 dB/div
Ref 20.00 dBm
Log
ΔMkr3 83.04 MHz
-1.03 dB
Center Freq
5.775000000 GHz
Start Freq
5.695000000 GHz
Stop Freq
5.855000000 GHz
Center 5.77500 GHz
#Res BW 820 kHz
#VBW 2.7 MHz
Span 160.0 MHz
Sweep 1.000 ms (1001 pts)
CF Step
16.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 N 1 f 5.733 56 GHz -27.39 dBm
2 N 1 f 5.792 60 GHz -0.64 dBm
3 Δ1 1 f (Δ) 83.04 MHz (Δ) -1.03 dB
MSG
STATUS

11 Appendix A2: Occupied channel bandwidth

11.1 Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.992	5171.4242	5188.4162	---	---
	Ant2	5180	16.991	5171.3993	5188.3903	---	---
	Ant1	5220	16.991	5211.4224	5228.4134	---	---
	Ant2	5220	16.958	5211.4155	5228.3735	---	---
	Ant1	5240	16.987	5231.4042	5248.3912	---	---
	Ant2	5240	16.957	5231.3995	5248.3565	---	---
	Ant1	5260	16.966	5251.4437	5268.4097	---	---
	Ant2	5260	16.940	5251.4303	5268.3703	---	---
	Ant1	5300	17.008	5291.3625	5308.3705	---	---
	Ant2	5300	16.966	5291.3820	5308.3480	---	---
	Ant1	5320	16.996	5311.3500	5328.3460	---	---
	Ant2	5320	16.950	5311.3839	5328.3339	---	---
	Ant1	5500	16.987	5491.4545	5508.4415	---	---
	Ant2	5500	16.937	5491.4601	5508.3971	---	---
	Ant1	5580	17.045	5571.3950	5588.4400	---	---
	Ant2	5580	16.958	5571.4312	5588.3892	---	---
	Ant1	5700	16.931	5691.4075	5708.3385	---	---
	Ant2	5700	16.931	5691.4344	5708.3654	---	---
	Ant1	5745	16.995	5736.3838	5753.3788	---	---
	Ant2	5745	16.934	5736.3914	5753.3254	---	---
	Ant1	5785	17.012	5776.3923	5793.4043	---	---
	Ant2	5785	16.943	5776.4373	5793.3803	---	---
	Ant1	5825	17.008	5816.4054	5833.4134	---	---
	Ant2	5825	16.947	5816.4156	5833.3626	---	---
11N20MIMO	Ant1	5180	17.902	5171.0066	5188.9086	---	---
	Ant2	5180	17.953	5170.9684	5188.9214	---	---
	Ant1	5220	17.913	5210.9959	5228.9089	---	---
	Ant2	5220	17.905	5211.0170	5228.9220	---	---
	Ant1	5240	17.936	5230.9675	5248.9035	---	---
	Ant2	5240	17.944	5230.9795	5248.9235	---	---
	Ant1	5260	17.937	5250.9912	5268.9282	---	---
	Ant2	5260	17.941	5250.9943	5268.9353	---	---
	Ant1	5300	17.936	5290.9668	5308.9028	---	---
	Ant2	5300	17.955	5290.9611	5308.9161	---	---
	Ant1	5320	17.923	5310.9672	5328.8902	---	---
	Ant2	5320	17.956	5310.9390	5328.8950	---	---
	Ant1	5500	17.893	5491.0504	5508.9434	---	---
	Ant2	5500	17.905	5491.0495	5508.9545	---	---
	Ant1	5580	17.933	5571.0055	5588.9385	---	---
	Ant2	5580	17.915	5571.0168	5588.9318	---	---
	Ant1	5700	17.905	5690.9656	5708.8706	---	---
	Ant2	5700	17.910	5691.0006	5708.9106	---	---
	Ant1	5745	17.924	5735.9719	5753.8959	---	---
	Ant2	5745	17.900	5735.9925	5753.8925	---	---

	Ant1	5785	17.913	5775.9980	5793.9110	---	---
	Ant2	5785	17.920	5776.0113	5793.9313	---	---
	Ant1	5825	17.902	5816.0192	5833.9212	---	---
	Ant2	5825	17.925	5815.9891	5833.9141	---	---
11N40MIMO	Ant1	5190	36.952	5171.5025	5208.4545	---	---
	Ant2	5190	36.938	5171.5145	5208.4525	---	---
	Ant1	5230	36.992	5211.4538	5248.4458	---	---
	Ant2	5230	36.999	5211.4790	5248.4780	---	---
	Ant1	5270	36.967	5251.5037	5288.4707	---	---
	Ant2	5270	36.969	5251.4850	5288.4540	---	---
	Ant1	5310	36.984	5291.4107	5328.3947	---	---
	Ant2	5310	37.017	5291.3701	5328.3871	---	---
	Ant1	5510	36.964	5491.5505	5528.5145	---	---
	Ant2	5510	36.977	5491.5460	5528.5230	---	---
	Ant1	5590	37.005	5571.4953	5608.5003	---	---
	Ant2	5590	37.012	5571.5104	5608.5224	---	---
	Ant1	5670	36.980	5651.4489	5688.4289	---	---
	Ant2	5670	37.030	5651.4161	5688.4461	---	---
	Ant1	5755	37.042	5736.4334	5773.4754	---	---
	Ant2	5755	37.070	5736.3720	5773.4420	---	---
	Ant1	5795	36.975	5776.4576	5813.4326	---	---
	Ant2	5795	37.011	5776.5104	5813.5214	---	---
11AC20MIMO	Ant1	5180	17.891	5171.0226	5188.9136	---	---
	Ant2	5180	17.930	5170.9969	5188.9269	---	---
	Ant1	5220	17.904	5210.9914	5228.8954	---	---
	Ant2	5220	17.933	5210.9721	5228.9051	---	---
	Ant1	5240	17.928	5230.9669	5248.8949	---	---
	Ant2	5240	17.933	5230.9597	5248.8927	---	---
	Ant1	5260	17.913	5250.9986	5268.9116	---	---
	Ant2	5260	17.931	5250.9902	5268.9212	---	---
	Ant1	5300	17.939	5290.9626	5308.9016	---	---
	Ant2	5300	17.952	5290.9476	5308.8996	---	---
	Ant1	5320	17.934	5310.9633	5328.8973	---	---
	Ant2	5320	17.942	5310.9425	5328.8845	---	---
	Ant1	5500	17.877	5491.0345	5508.9115	---	---
	Ant2	5500	17.871	5491.0514	5508.9224	---	---
	Ant1	5580	17.929	5570.9959	5588.9249	---	---
	Ant2	5580	17.898	5571.0074	5588.9054	---	---
	Ant1	5700	17.881	5690.9805	5708.8615	---	---
	Ant2	5700	17.874	5691.0111	5708.8851	---	---
	Ant1	5745	17.918	5735.9770	5753.8950	---	---
	Ant2	5745	17.932	5735.9473	5753.8793	---	---
	Ant1	5785	17.917	5775.9854	5793.9024	---	---
	Ant2	5785	17.902	5776.0080	5793.9100	---	---
	Ant1	5825	17.911	5816.0087	5833.9197	---	---
	Ant2	5825	17.894	5816.0079	5833.9019	---	---
11AC40MIMO	Ant1	5190	36.934	5171.4832	5208.4172	---	---
	Ant2	5190	36.965	5171.5175	5208.4825	---	---
	Ant1	5230	37.021	5211.4206	5248.4416	---	---

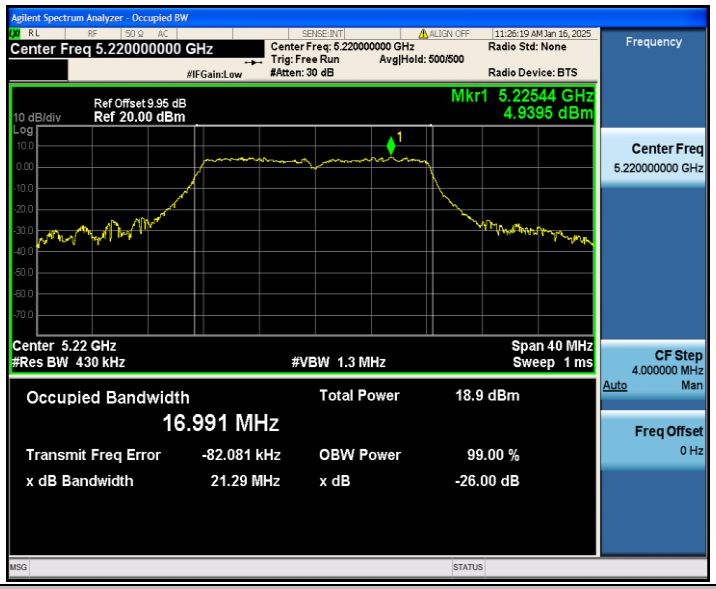
	Ant2	5230	36.952	5211.5019	5248.4539	---	---
	Ant1	5270	36.941	5251.4886	5288.4296	---	---
	Ant2	5270	36.967	5251.5028	5288.4698	---	---
	Ant1	5310	37.016	5291.3784	5328.3944	---	---
	Ant2	5310	36.950	5291.3935	5328.3435	---	---
	Ant1	5510	36.977	5491.5362	5528.5132	---	---
	Ant2	5510	36.928	5491.5786	5528.5066	---	---
	Ant1	5590	37.001	5571.5091	5608.5101	---	---
	Ant2	5590	36.981	5571.5044	5608.4854	---	---
	Ant1	5670	37.011	5651.4314	5688.4424	---	---
	Ant2	5670	37.007	5651.4562	5688.4632	---	---
	Ant1	5755	37.111	5736.4198	5773.5308	---	---
	Ant2	5755	37.091	5736.4003	5773.4913	---	---
	Ant1	5795	36.991	5776.5175	5813.5085	---	---
	Ant2	5795	36.985	5776.5245	5813.5095	---	---
11AC80MIMO	Ant1	5210	75.629	5172.0886	5247.7176	---	---
	Ant2	5210	75.613	5172.1773	5247.7903	---	---
	Ant1	5290	75.686	5252.1611	5327.8471	---	---
	Ant2	5290	75.636	5252.2212	5327.8572	---	---
	Ant1	5530	75.763	5492.2316	5567.9946	---	---
	Ant2	5530	75.625	5492.2312	5567.8562	---	---
	Ant1	5610	75.704	5572.1511	5647.8551	---	---
	Ant2	5610	75.718	5572.1818	5647.8998	---	---
	Ant1	5775	75.739	5737.1018	5812.8408	---	---
	Ant2	5775	75.811	5737.0976	5812.9086	---	---

11.2 Test Graphs

11A_Ant1_5180

11A_Ant2_5180

11A_Ant1_5220



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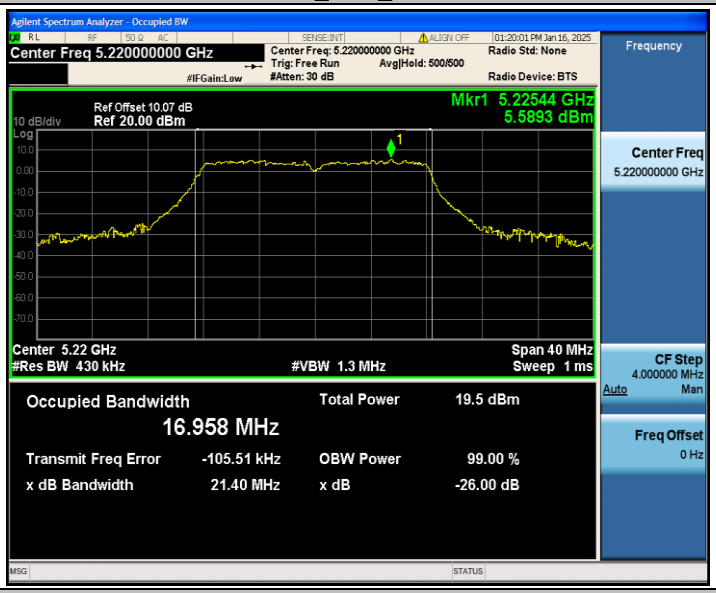
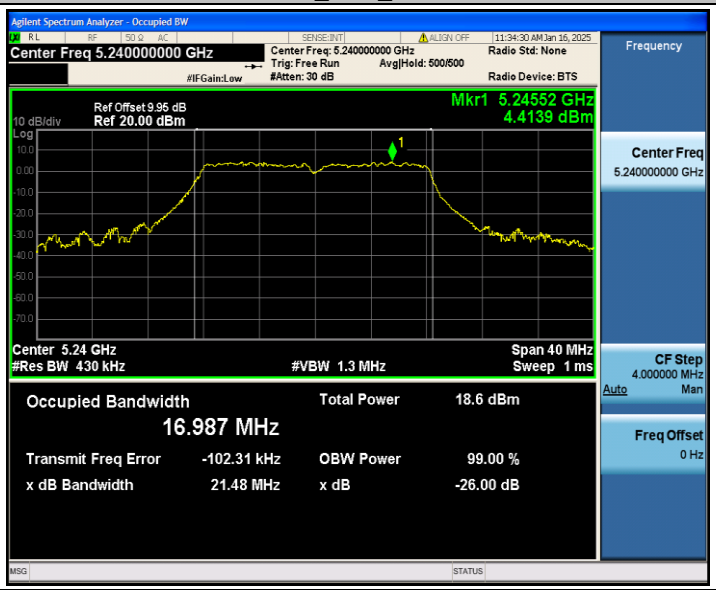


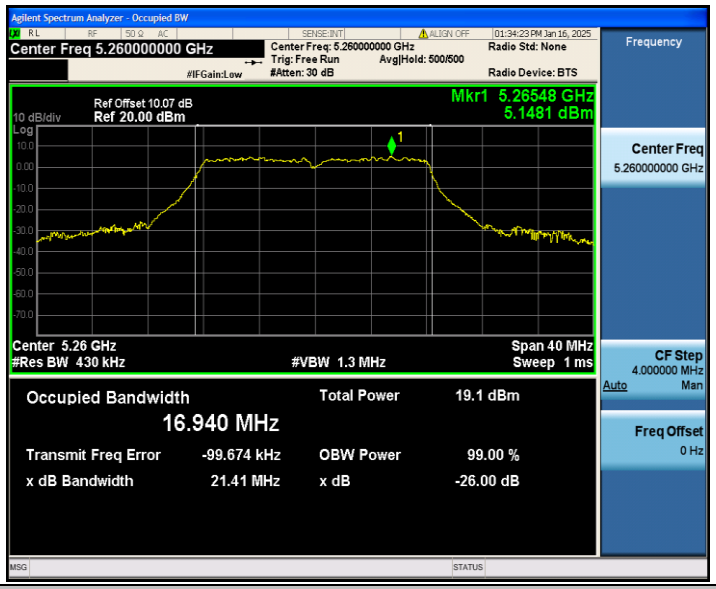
11A_Ant1_5240



11A_Ant2_5240

11A_Ant1_5260

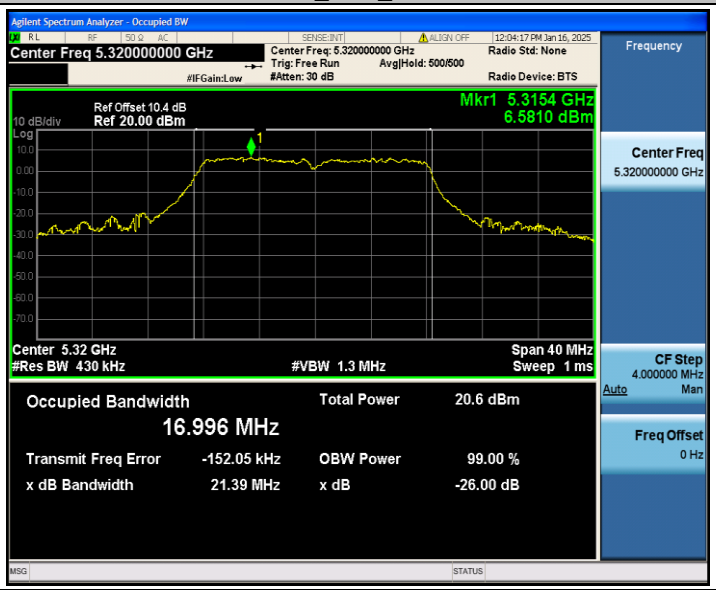
11A_Ant2_5260



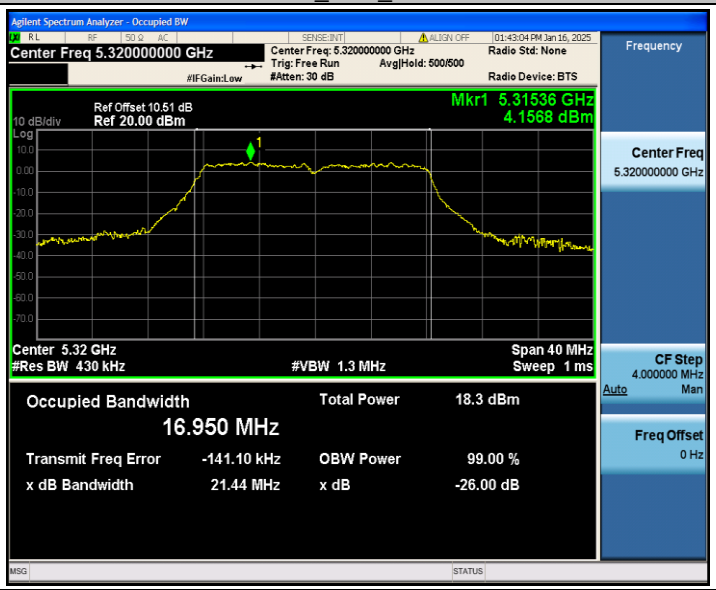
11A_Ant1_5300

11A_Ant2_5300

11A_Ant1_5320

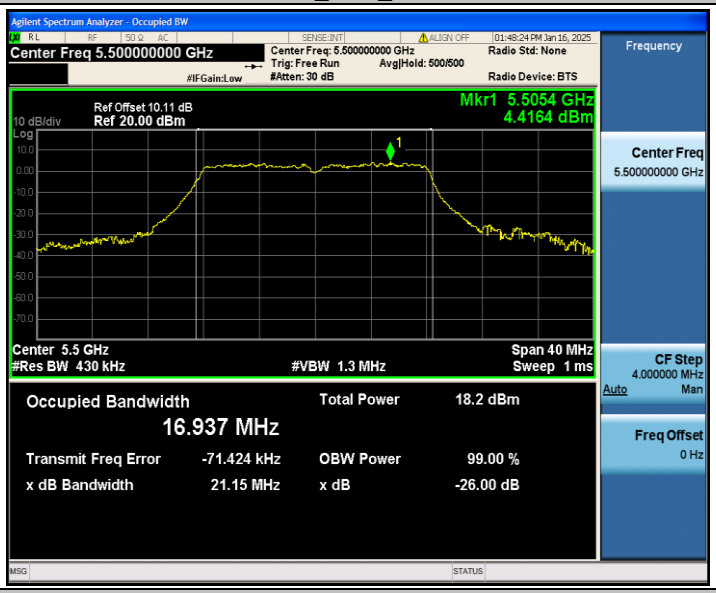


11A_Ant2_5320

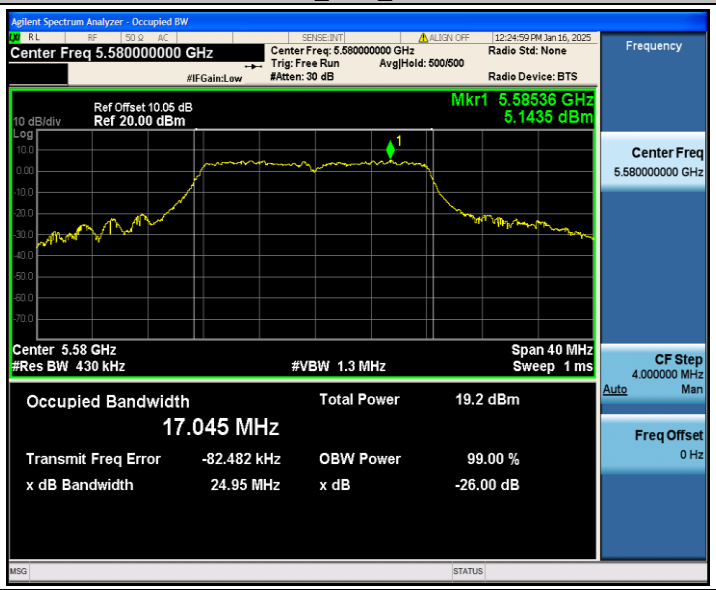


11A_Ant1_5500

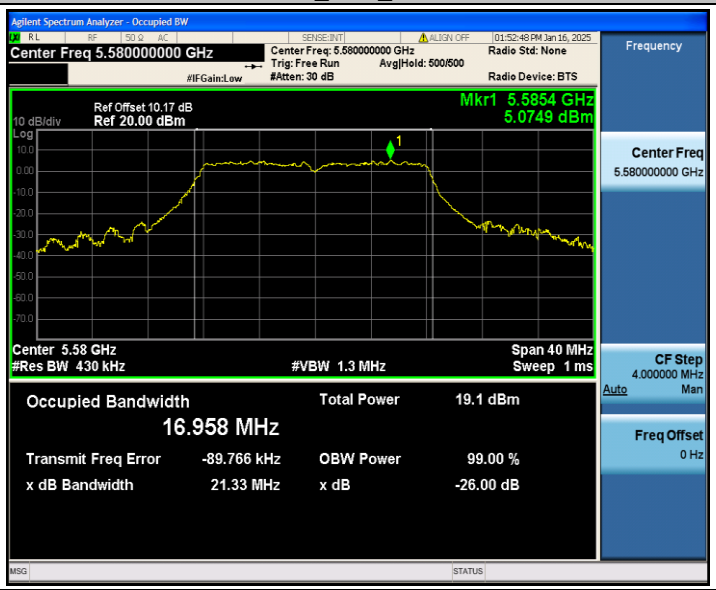
11A_Ant2_5500



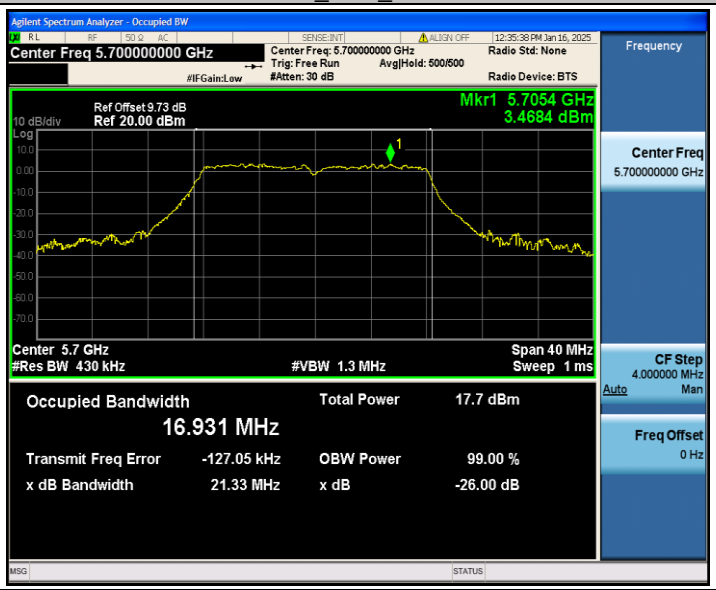
11A_Ant1_5580



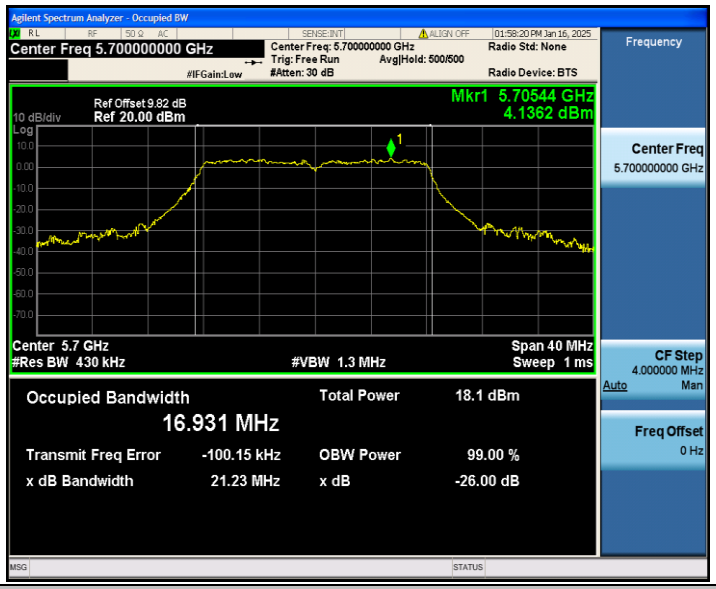
11A_Ant2_5580



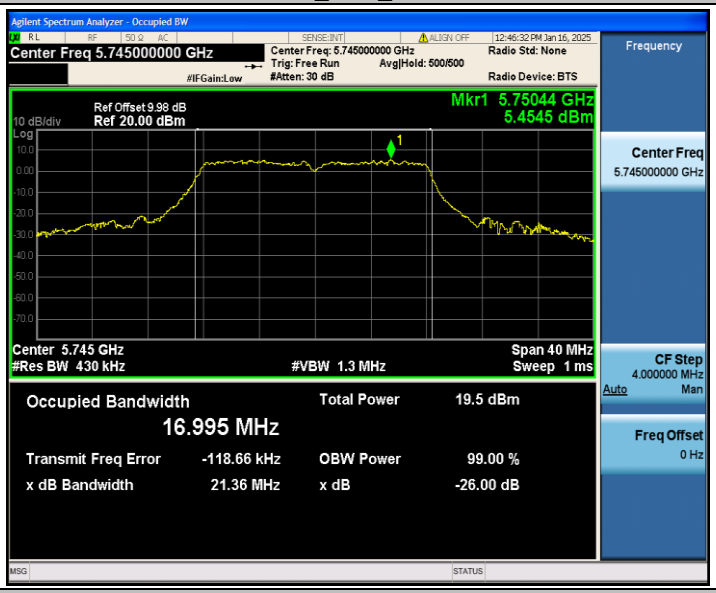
11A_Ant1_5700



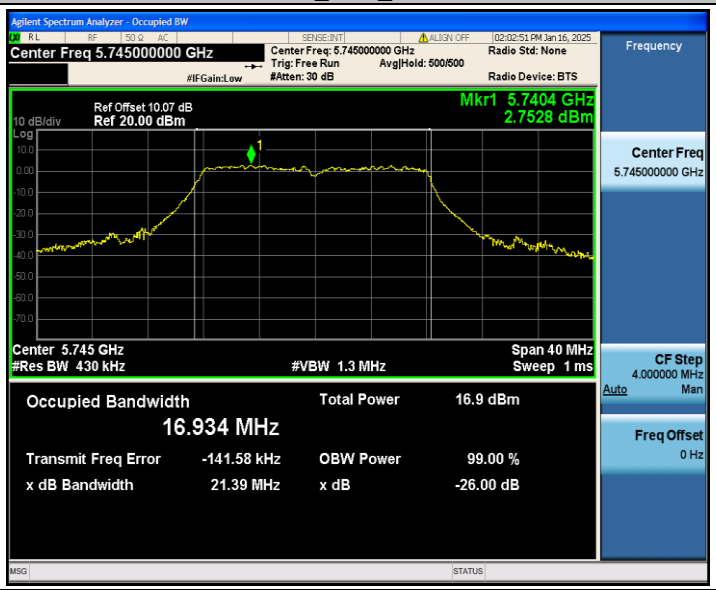
11A_Ant2_5700



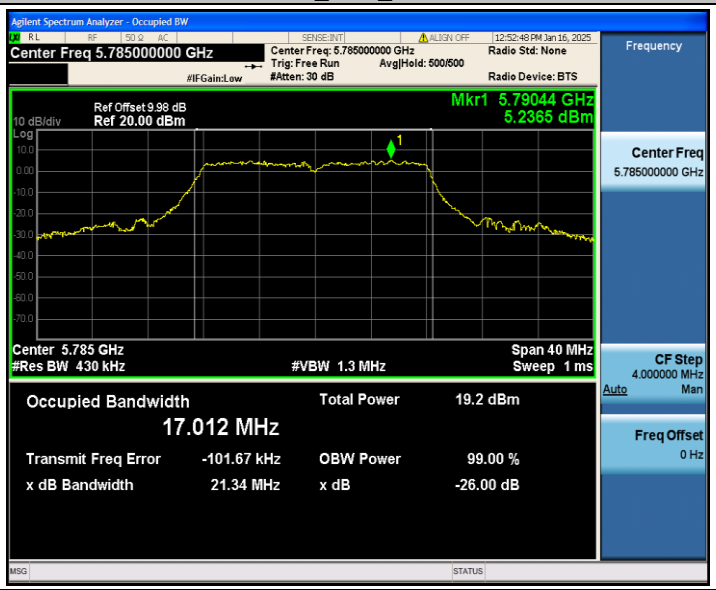
11A_Ant1_5745



11A_Ant2_5745

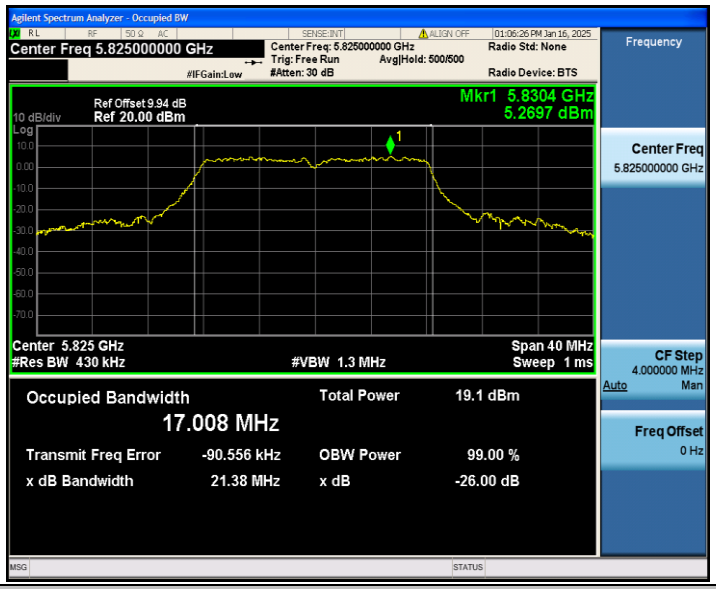


11A_Ant1_5785



11A_Ant2_5785

11A_Ant1_5825



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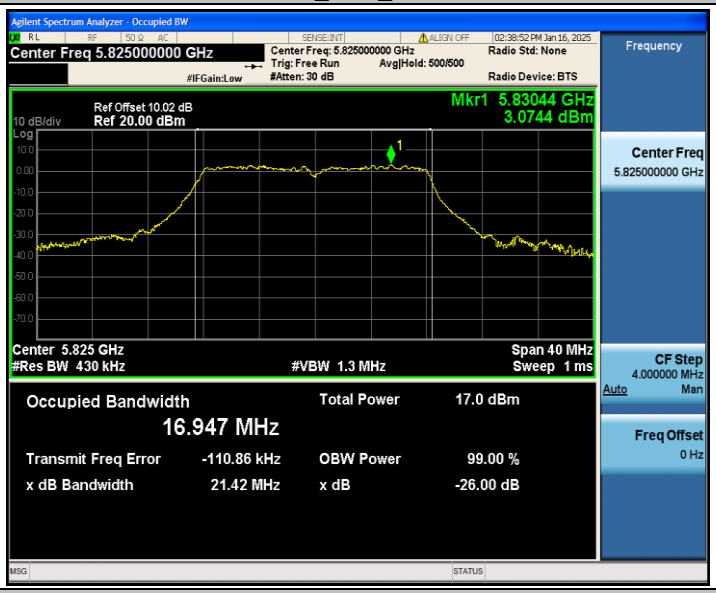

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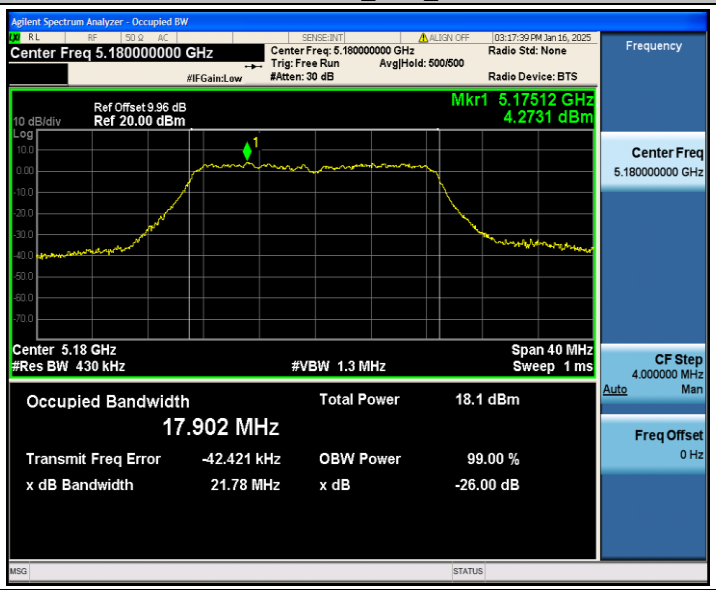

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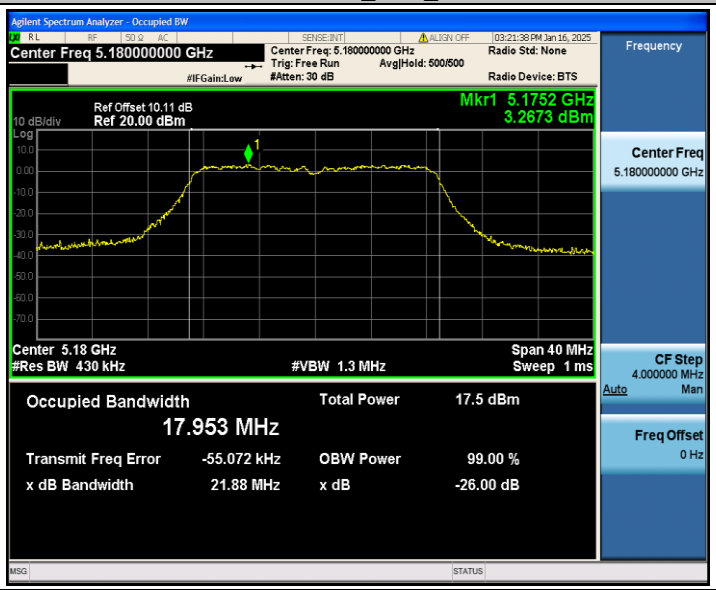

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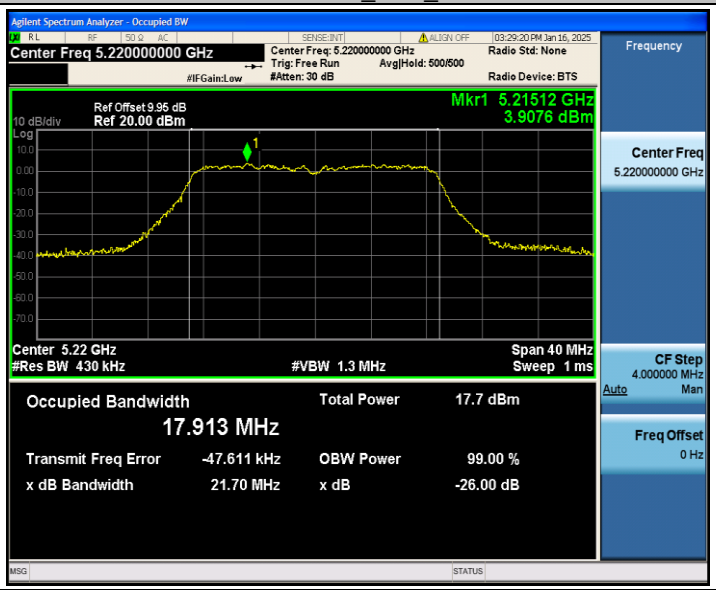

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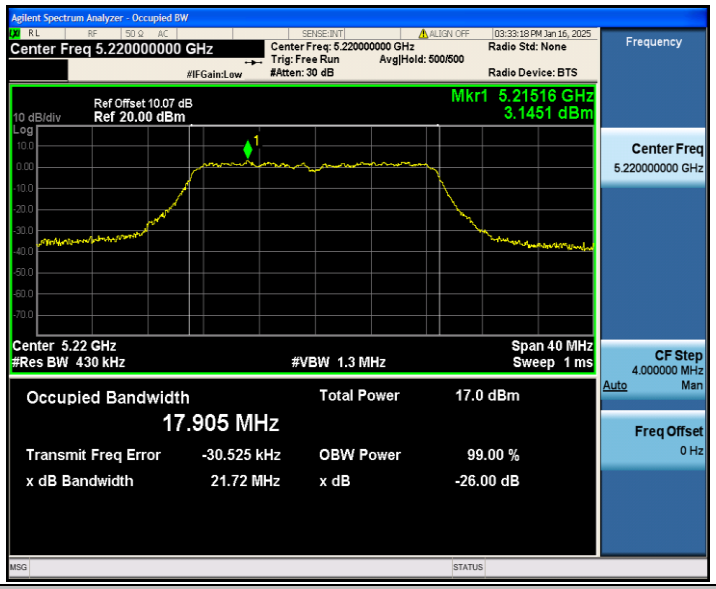

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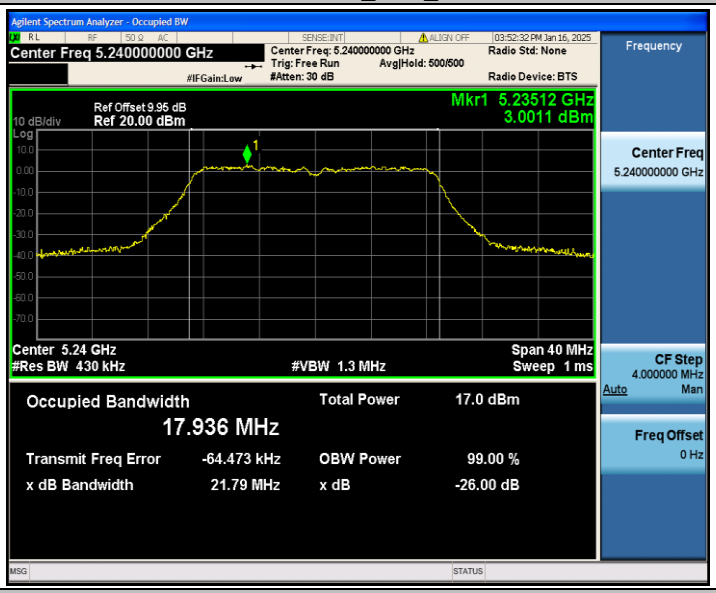

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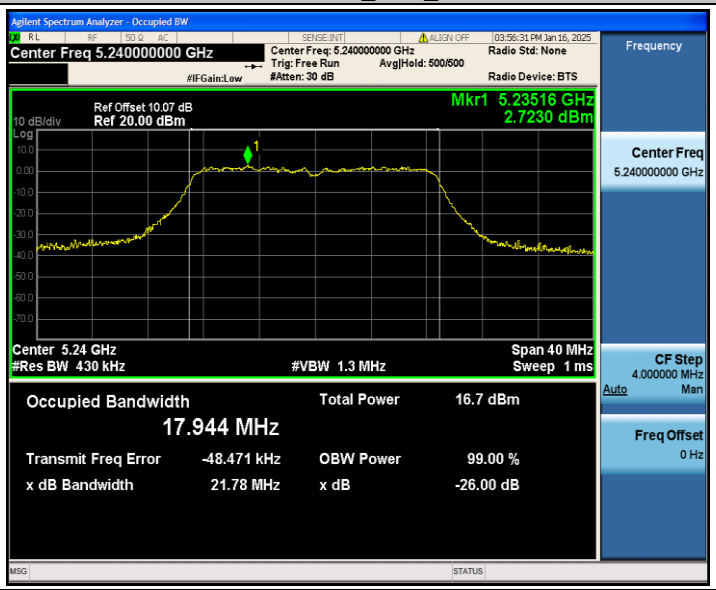

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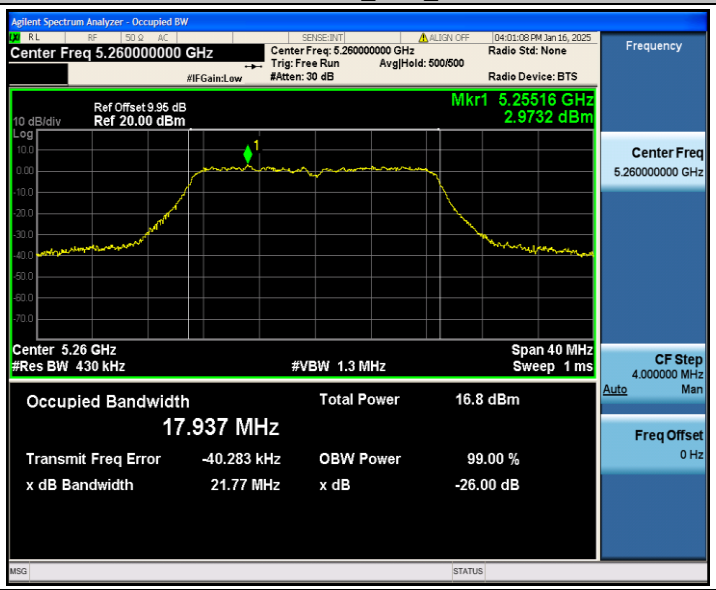

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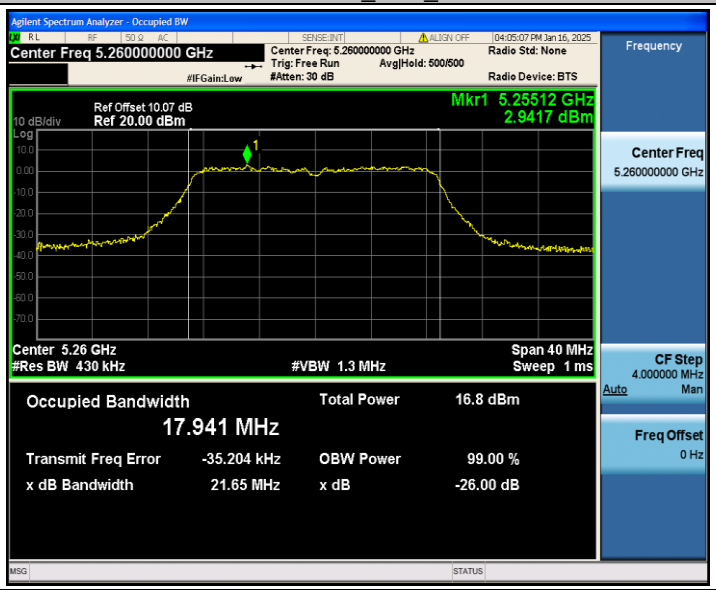

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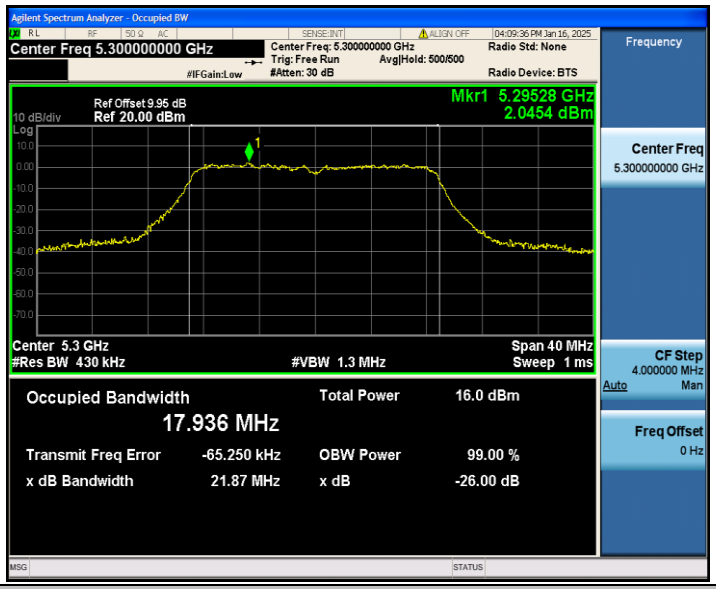

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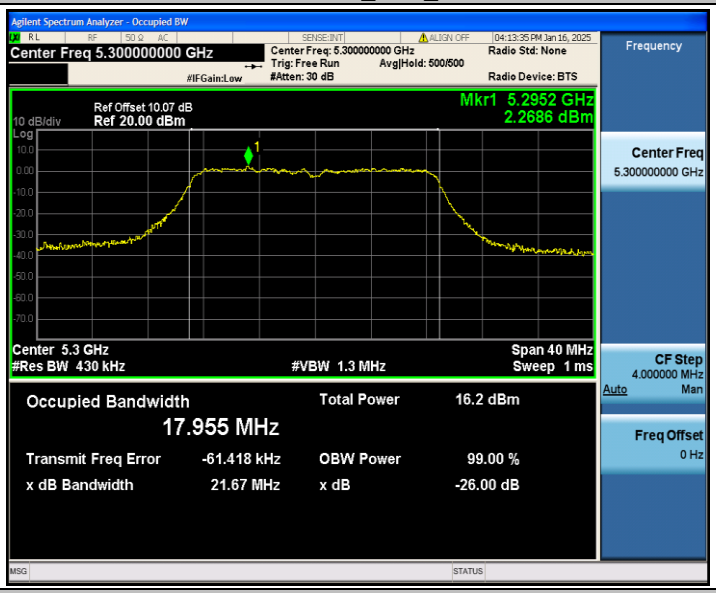

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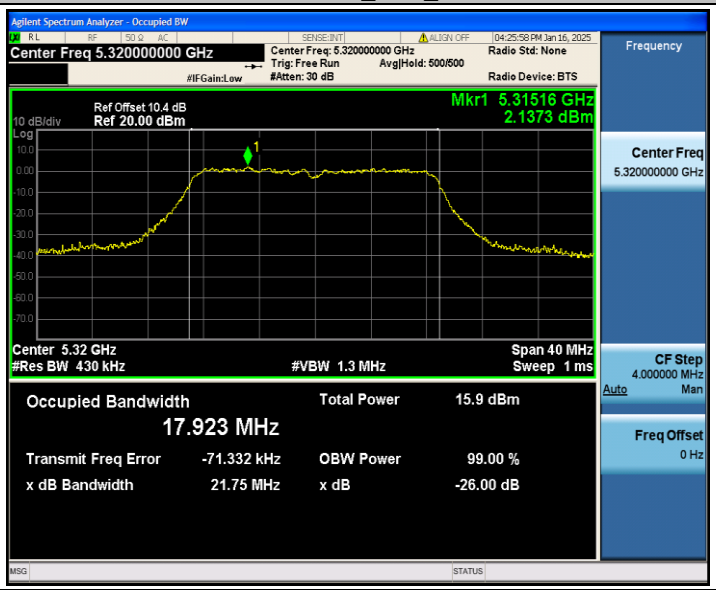

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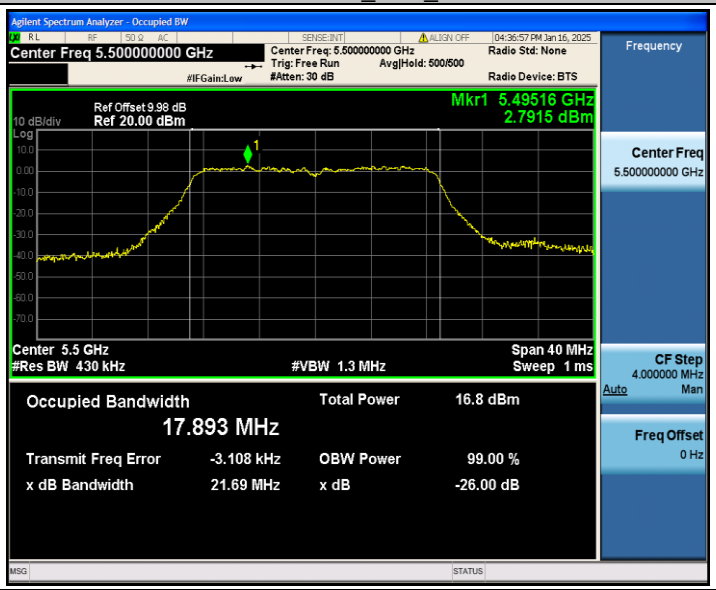

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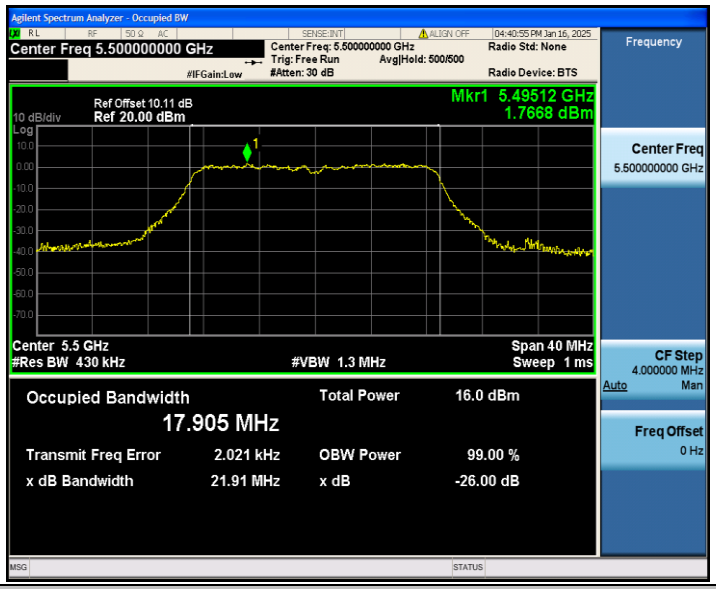

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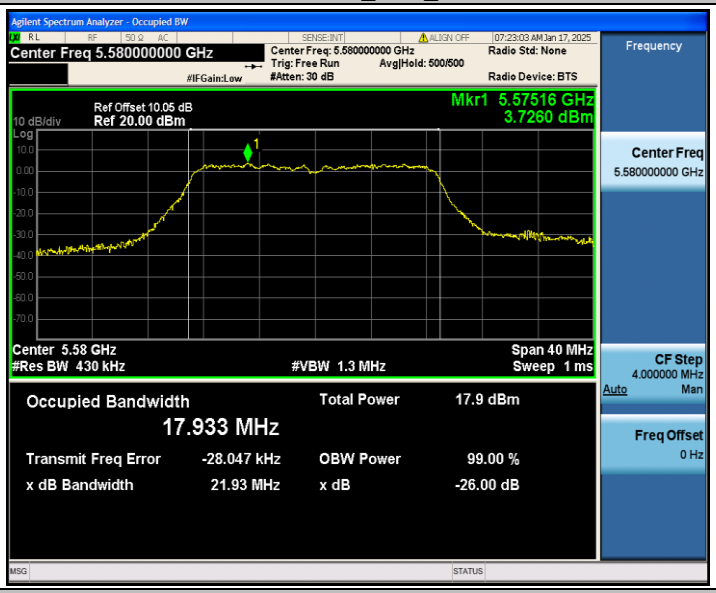
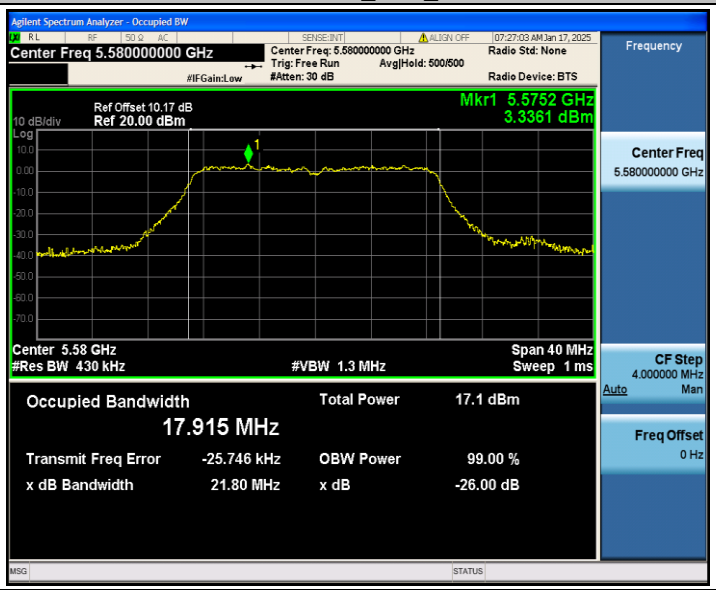
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