Appendix Test Data

Report No.:	182512C400394104	Test Sample No.:	1-2-2
Start Test Date:	2024.7.5	Finish Test Date:	2024.8.19
Test Engineer:	Jokes Huang	Auditor:	Justin Feng
Temperature:	22.5℃	Relative Humidity:	51%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.280	5169.440	5190.720	---	---
11A	Ant1	5200	21.040	5189.520	5210.560	---	---
11A	Ant1	5240	20.960	5229.360	5250.320	---	---
11A	Ant1	5260	20.640	5249.960	5270.600	---	---
11A	Ant1	5300	20.960	5289.360	5310.320	---	---
11A	Ant1	5320	22.160	5309.040	5331.200	---	---
11A	Ant1	5500	21.080	5489.280	5510.360	---	---
11A	Ant1	5580	20.480	5570.000	5590.480	---	---
11A	Ant1	5700	20.480	5689.760	5710.240	---	---
11A	Ant1	5745	22.520	5732.760	5755.280	---	---
11A	Ant1	5785	22.800	5772.680	5795.480	---	---
11A	Ant1	5825	22.320	5813.440	5835.760	---	---
11N20SISO	Ant1	5180	22.680	5168.640	5191.320	---	---
11N20SISO	Ant1	5220	22.240	5208.840	5231.080	---	---
11N20SISO	Ant1	5240	21.280	5229.360	5250.640	---	---
11N20SISO	Ant1	5260	21.760	5249.120	5270.880	---	---
11N20SISO	Ant1	5300	22.200	5289.120	5311.320	---	---
11N20SISO	Ant1	5320	21.640	5309.480	5331.120	---	---
11N20SISO	Ant1	5500	23.400	5488.840	5512.240	---	---
11N20SISO	Ant1	5580	21.920	5569.000	5590.920	---	---
11N20SISO	Ant1	5700	20.840	5689.680	5710.520	---	---
11N20SISO	Ant1	5745	21.920	5733.920	5755.840	---	---

11N20SISO	Ant1	5785	24.360	5771.280	5795.640	---	---
11N20SISO	Ant1	5825	23.960	5811.880	5835.840	---	---
11N40SISO	Ant1	5190	42.720	5168.640	5211.360	---	---
11N40SISO	Ant1	5230	42.400	5208.800	5251.200	---	---
11N40SISO	Ant1	5270	43.120	5248.400	5291.520	---	---
11N40SISO	Ant1	5310	43.200	5288.720	5331.920	---	---
11N40SISO	Ant1	5510	44.000	5487.760	5531.760	---	---
11N40SISO	Ant1	5550	42.240	5528.800	5571.040	---	---
11N40SISO	Ant1	5670	43.040	5648.720	5691.760	---	---
11N40SISO	Ant1	5755	43.600	5733.400	5777.000	---	---
11N40SISO	Ant1	5795	43.120	5773.560	5816.680	---	---
11AC20SISO	Ant1	5180	21.200	5169.360	5190.560	---	---
11AC20SISO	Ant1	5200	22.120	5189.120	5211.240	---	---
11AC20SISO	Ant1	5240	20.280	5229.920	5250.200	---	---
11AC20SISO	Ant1	5260	22.400	5248.680	5271.080	---	---
11AC20SISO	Ant1	5300	21.280	5289.360	5310.640	---	---
11AC20SISO	Ant1	5320	21.920	5308.880	5330.800	---	---
11AC20SISO	Ant1	5500	21.960	5489.080	5511.040	---	---
11AC20SISO	Ant1	5580	21.960	5569.200	5591.160	---	---
11AC20SISO	Ant1	5700	21.720	5688.720	5710.440	---	---
11AC20SISO	Ant1	5745	21.400	5734.360	5755.760	---	---
11AC20SISO	Ant1	5785	21.880	5774.200	5796.080	---	---
11AC20SISO	Ant1	5825	22.360	5813.240	5835.600	---	---
11AC40SISO	Ant1	5190	43.440	5168.800	5212.240	---	---
11AC40SISO	Ant1	5230	42.240	5209.280	5251.520	---	---
11AC40SISO	Ant1	5270	42.320	5249.120	5291.440	---	---
11AC40SISO	Ant1	5310	42.400	5288.560	5330.960	---	---
11AC40SISO	Ant1	5510	43.120	5488.400	5531.520	---	---
11AC40SISO	Ant1	5550	43.840	5528.400	5572.240	---	---
11AC40SISO	Ant1	5670	42.480	5648.720	5691.200	---	---
11AC40SISO	Ant1	5755	44.960	5732.760	5777.720	---	---
11AC40SISO	Ant1	5795	44.160	5773.320	5817.480	---	---
11AC80SISO	Ant1	5210	80.320	5169.840	5250.160	---	---
11AC80SISO	Ant1	5290	80.800	5249.680	5330.480	---	---
11AC80SISO	Ant1	5530	96.480	5489.680	5586.160	---	---
11AC80SISO	Ant1	5610	80.800	5569.680	5650.480	---	---
11AC80SISO	Ant1	5775	81.280	5734.040	5815.320	---	---

Test Graphs

11A-Ant1-5180

11A-Ant1-5200

11A-Ant1-5240

11A-Ant1-5260

11A-Ant1-5300

11A-Ant1-5320

11A-Ant1-5500

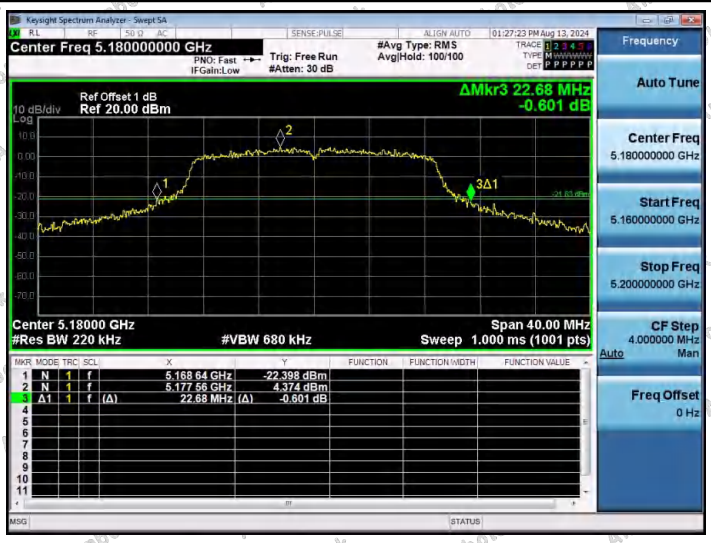
11A-Ant1-5580

11A-Ant1-5700

11A-Ant1-5745

11A-Ant1-5785

11A-Ant1-5825



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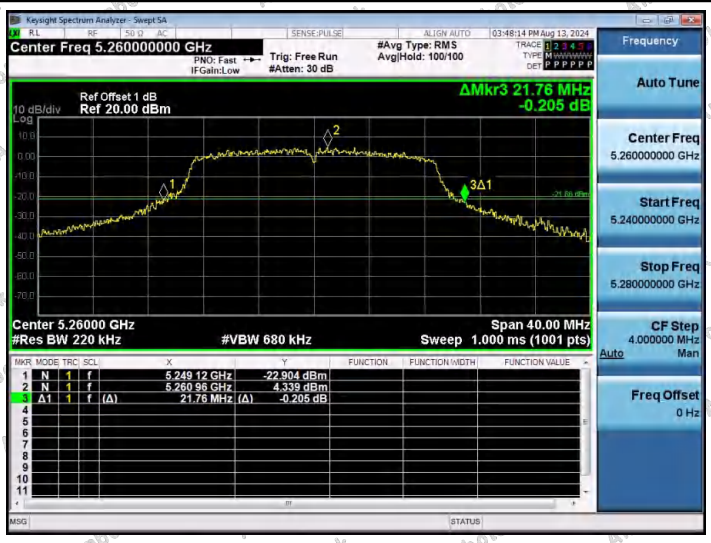
11N20SISO-Ant1-5220

11N20SISO-Ant1-5240



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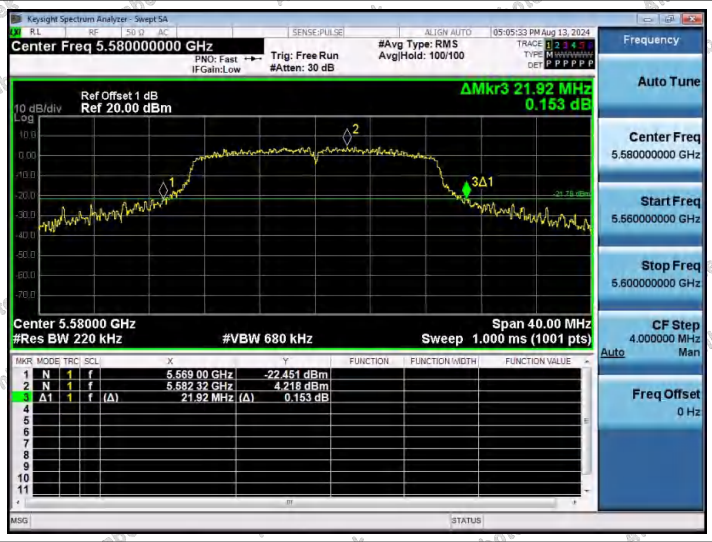
11N20SISO-Ant1-5300

11N20SISO-Ant1-5320

11N20SISO-Ant1-5500



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11N20SISO-Ant1-5745

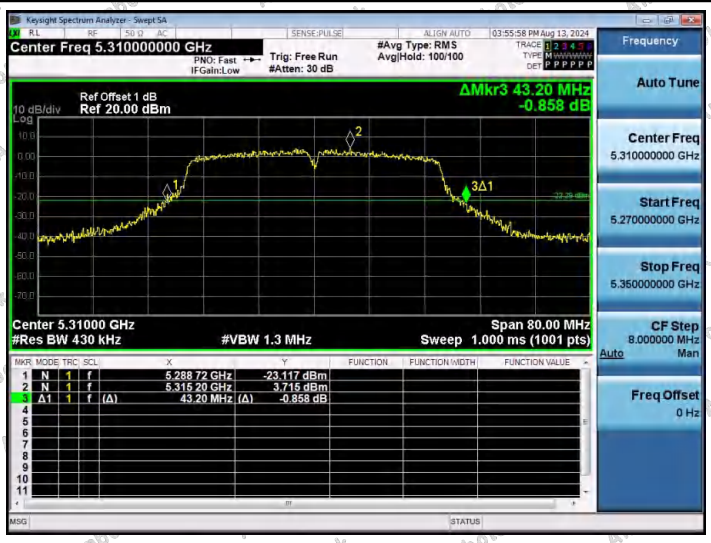
11N20SISO-Ant1-5785

11N20SISO-Ant1-5825

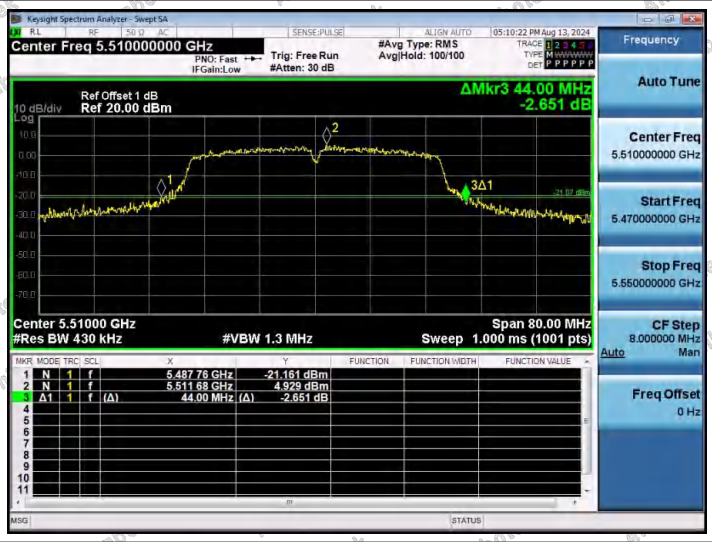
11N40SISO-Ant1-5190

11N40SISO-Ant1-5230

11N40SISO-Ant1-5270

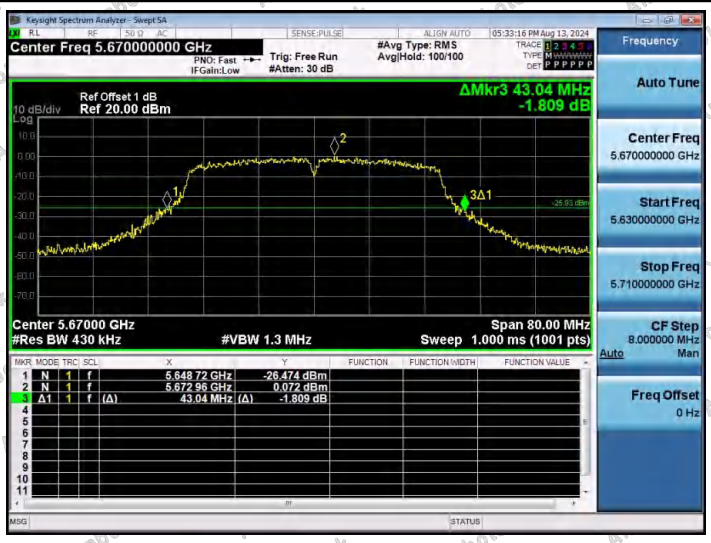


11N40SISO-Ant1-5310



11N40SISO-Ant1-5510

11N40SISO-Ant1-5550



11N40SISO-Ant1-5670

11N40SISO-Ant1-5755

11N40SISO-Ant1-5795

11AC20SISO-Ant1-5180

11AC20SISO-Ant1-5200

11AC20SISO-Ant1-5240

11AC20SISO-Ant1-5260

11AC20SISO-Ant1-5300

11AC20SISO-Ant1-5320

11AC20SISO-Ant1-5500

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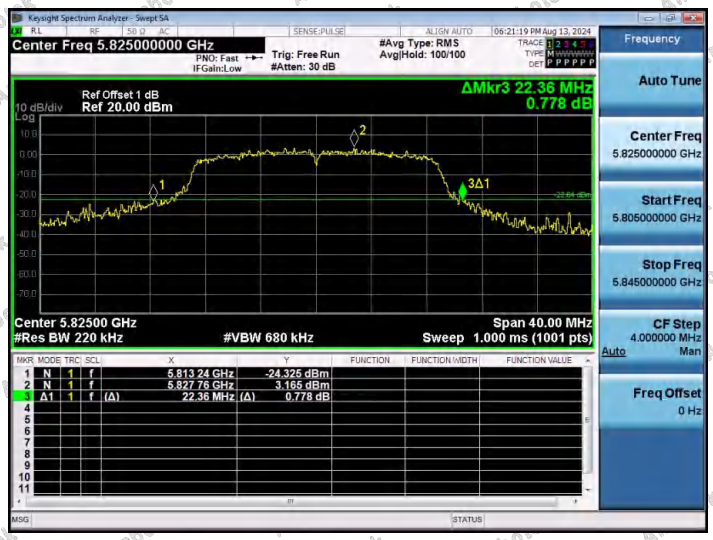
11AC20SISO-Ant1-5700

11AC20SISO-Ant1-5745

11AC20SISO-Ant1-5785



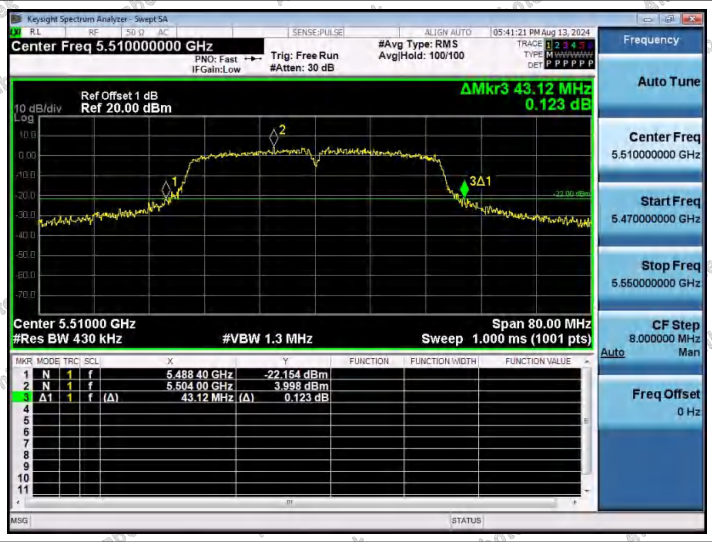
11AC20SISO-Ant1-5825

11AC40SISO-Ant1-5190

11AC40SISO-Ant1-5230

11AC40SISO-Ant1-5270

11AC40SISO-Ant1-5310



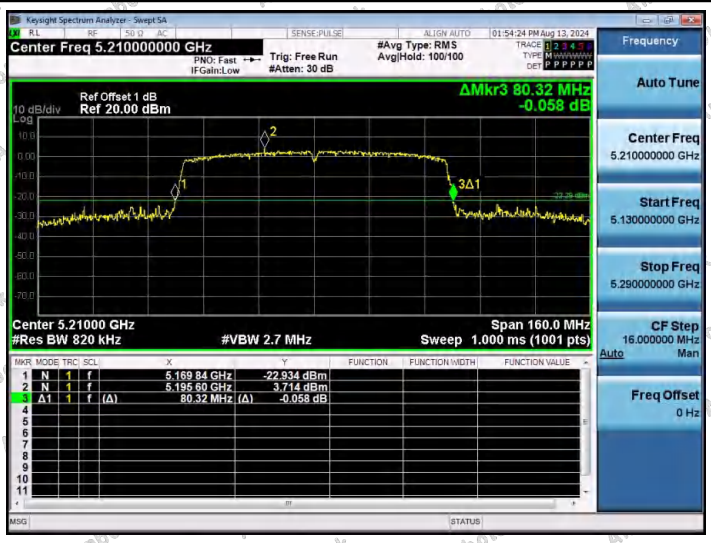
11AC40SISO-Ant1-5510

11AC40SISO-Ant1-5550

11AC40SISO-Ant1-5670

11AC40SISO-Ant1-5755

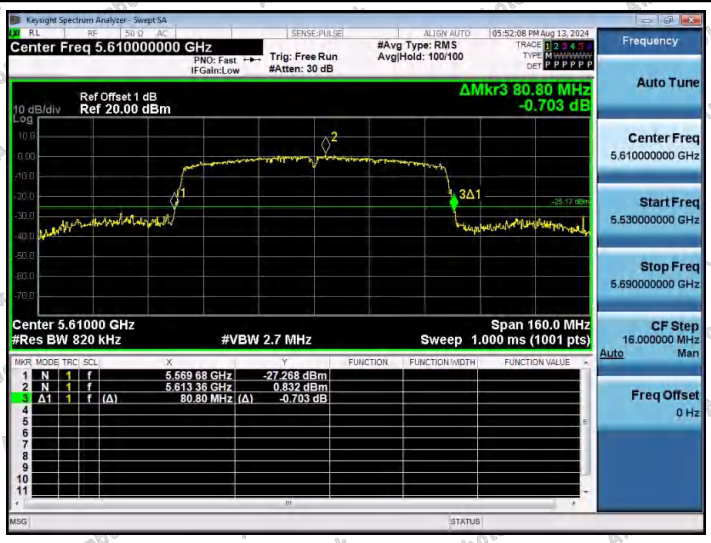
11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5210

11AC80SISO-Ant1-5290

11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5610

11AC80SISO-Ant1-5775

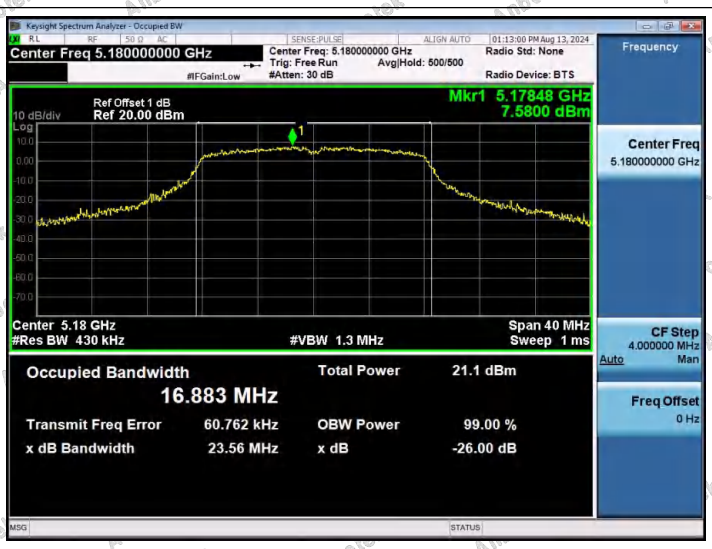
Appendix A2: 99% Occupied Bandwidth

Test Result

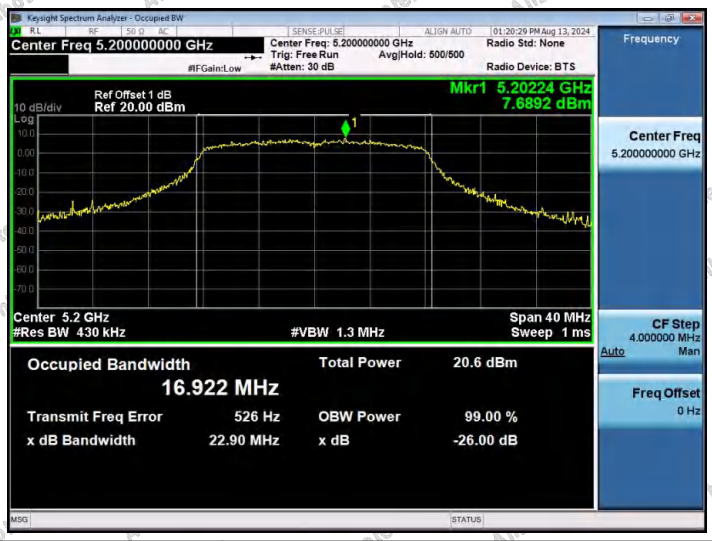
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.883	5171.6193	5188.5023	---	---
11A	Ant1	5200	16.922	5191.5395	5208.4615	---	---
11A	Ant1	5240	16.875	5231.5732	5248.4482	---	---
11A	Ant1	5260	16.885	5251.5041	5268.3891	---	---
11A	Ant1	5300	16.883	5291.5549	5308.4379	---	---
11A	Ant1	5320	16.893	5311.5538	5328.4468	---	---
11A	Ant1	5500	16.905	5491.5649	5508.4699	---	---
11A	Ant1	5580	16.873	5571.5507	5588.4237	---	---
11A	Ant1	5700	16.846	5691.5801	5708.4261	---	---
11A	Ant1	5745	16.904	5736.5260	5753.4300	---	---
11A	Ant1	5785	17.013	5776.4824	5793.4954	---	---
11A	Ant1	5825	16.916	5816.5733	5833.4893	---	---
11N20SISO	Ant1	5180	17.803	5171.1310	5188.9340	---	---
11N20SISO	Ant1	5220	17.831	5211.1282	5228.9592	---	---
11N20SISO	Ant1	5240	17.800	5231.1475	5248.9475	---	---
11N20SISO	Ant1	5260	17.854	5251.0433	5268.8973	---	---
11N20SISO	Ant1	5300	17.841	5291.1081	5308.9491	---	---
11N20SISO	Ant1	5320	17.877	5311.0837	5328.9607	---	---
11N20SISO	Ant1	5500	18.071	5490.9939	5509.0649	---	---
11N20SISO	Ant1	5580	17.924	5571.0546	5588.9786	---	---
11N20SISO	Ant1	5700	17.816	5691.0972	5708.9132	---	---
11N20SISO	Ant1	5745	17.903	5735.9902	5753.8932	---	---
11N20SISO	Ant1	5785	17.953	5776.0023	5793.9553	---	---
11N20SISO	Ant1	5825	17.899	5816.0210	5833.9200	---	---
11N40SISO	Ant1	5190	36.487	5171.8855	5208.3725	---	---
11N40SISO	Ant1	5230	36.386	5211.8965	5248.2825	---	---
11N40SISO	Ant1	5270	36.410	5251.7987	5288.2087	---	---
11N40SISO	Ant1	5310	36.403	5291.8458	5328.2488	---	---
11N40SISO	Ant1	5510	36.548	5491.7894	5528.3374	---	---
11N40SISO	Ant1	5550	36.342	5531.9009	5568.2429	---	---
11N40SISO	Ant1	5670	36.285	5651.9074	5688.1924	---	---
11N40SISO	Ant1	5755	36.516	5736.7370	5773.2530	---	---
11N40SISO	Ant1	5795	36.397	5776.8807	5813.2777	---	---
11AC20SISO	Ant1	5180	17.883	5171.0896	5188.9726	---	---
11AC20SISO	Ant1	5200	17.878	5191.1095	5208.9875	---	---
11AC20SISO	Ant1	5240	17.805	5231.1317	5248.9367	---	---
11AC20SISO	Ant1	5260	17.901	5251.0256	5268.9266	---	---

11AC20SISO	Ant1	5300	17.790	5291.1417	5308.9317	---	---
11AC20SISO	Ant1	5320	17.828	5311.1054	5328.9334	---	---
11AC20SISO	Ant1	5500	17.891	5491.0698	5508.9608	---	---
11AC20SISO	Ant1	5580	17.877	5571.0881	5588.9651	---	---
11AC20SISO	Ant1	5700	17.856	5691.1041	5708.9601	---	---
11AC20SISO	Ant1	5745	17.997	5735.9673	5753.9643	---	---
11AC20SISO	Ant1	5785	17.837	5776.0996	5793.9366	---	---
11AC20SISO	Ant1	5825	17.936	5816.0417	5833.9777	---	---
11AC40SISO	Ant1	5190	36.416	5171.8795	5208.2955	---	---
11AC40SISO	Ant1	5230	36.354	5211.9396	5248.2936	---	---
11AC40SISO	Ant1	5270	36.374	5251.8766	5288.2506	---	---
11AC40SISO	Ant1	5310	36.339	5291.9242	5328.2632	---	---
11AC40SISO	Ant1	5510	36.501	5491.7560	5528.2570	---	---
11AC40SISO	Ant1	5550	36.497	5531.7769	5568.2739	---	---
11AC40SISO	Ant1	5670	36.268	5651.9198	5688.1878	---	---
11AC40SISO	Ant1	5755	36.544	5736.7415	5773.2855	---	---
11AC40SISO	Ant1	5795	36.406	5776.9407	5813.3467	---	---
11AC80SISO	Ant1	5210	75.327	5172.6019	5247.9289	---	---
11AC80SISO	Ant1	5290	75.206	5252.5562	5327.7622	---	---
11AC80SISO	Ant1	5530	75.599	5492.2758	5567.8748	---	---
11AC80SISO	Ant1	5610	74.962	5572.6348	5647.5968	---	---
11AC80SISO	Ant1	5775	74.737	5737.9426	5812.6796	---	---

Test Graphs



11A-Ant1-5180



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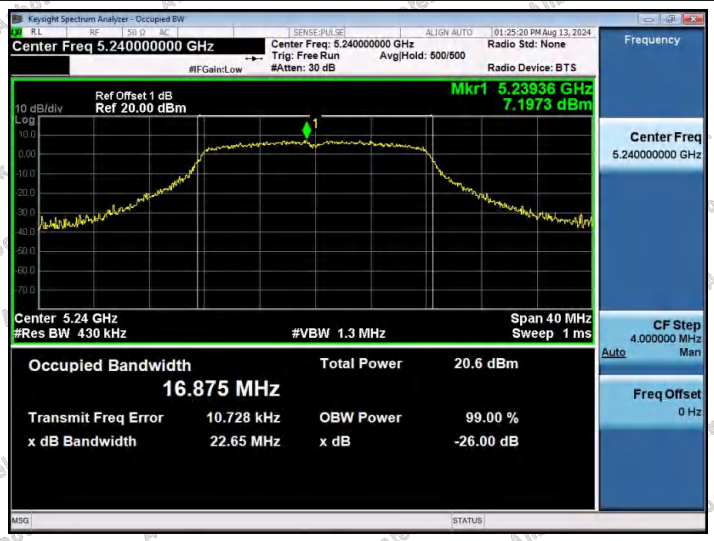
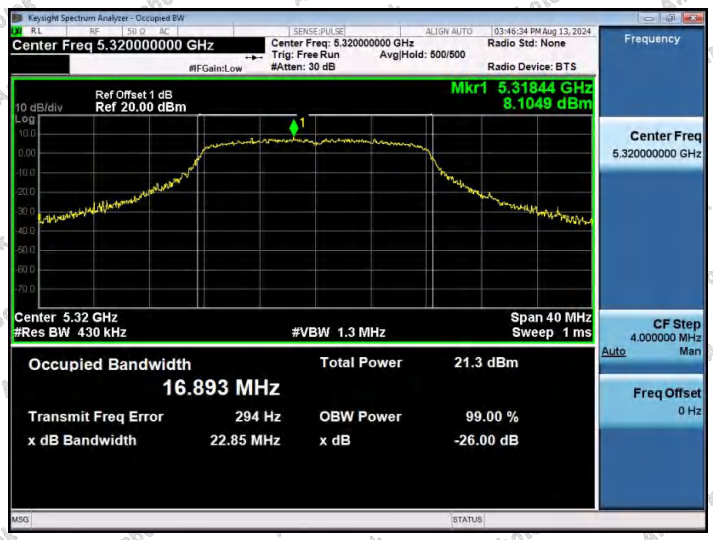


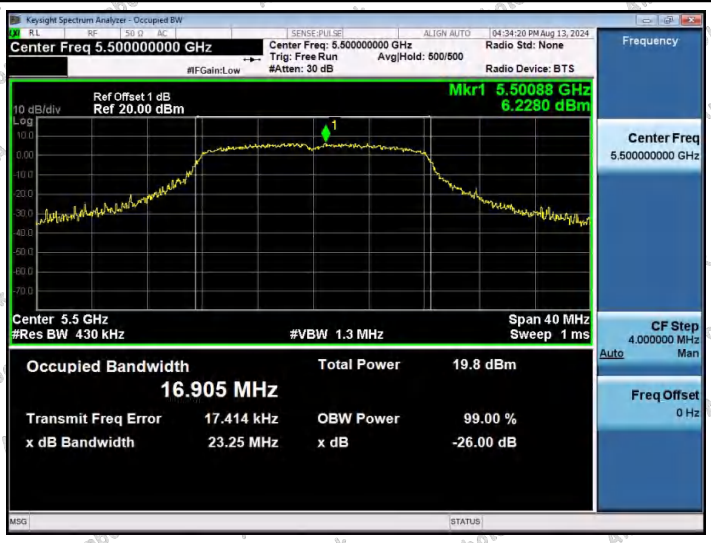
11A-Ant1-5240

11A-Ant1-5260

11A-Ant1-5300

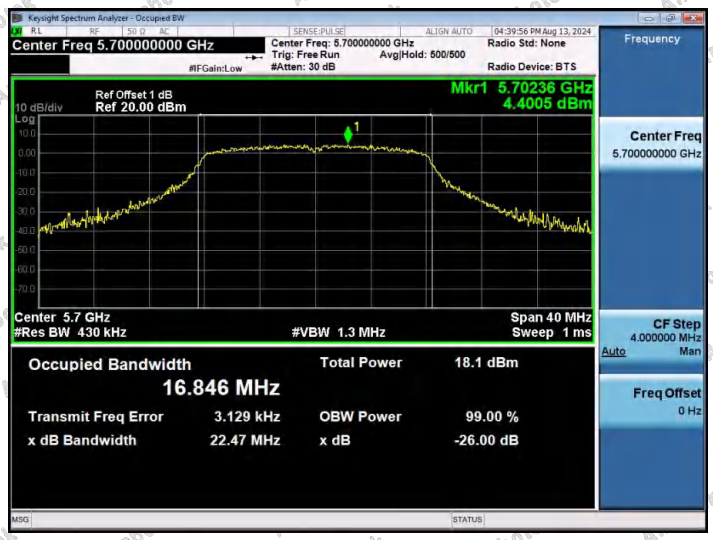


11A-Ant1-5320



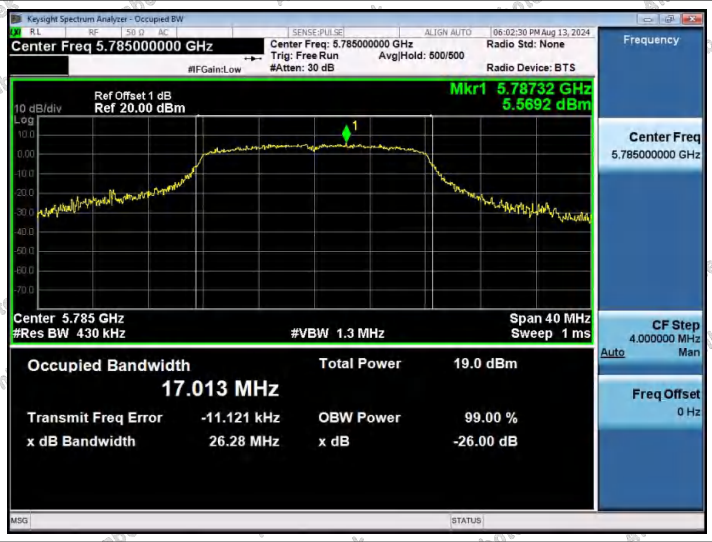
11A-Ant1-5500

11A-Ant1-5580



11A-Ant1-5700

11A-Ant1-5745



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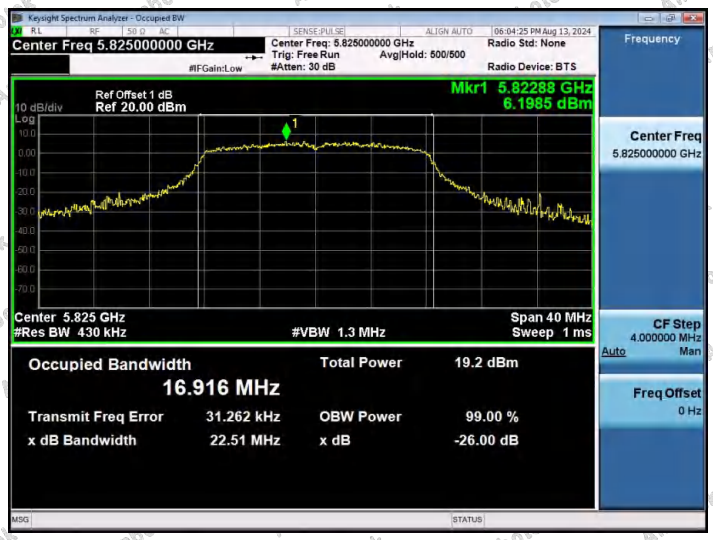
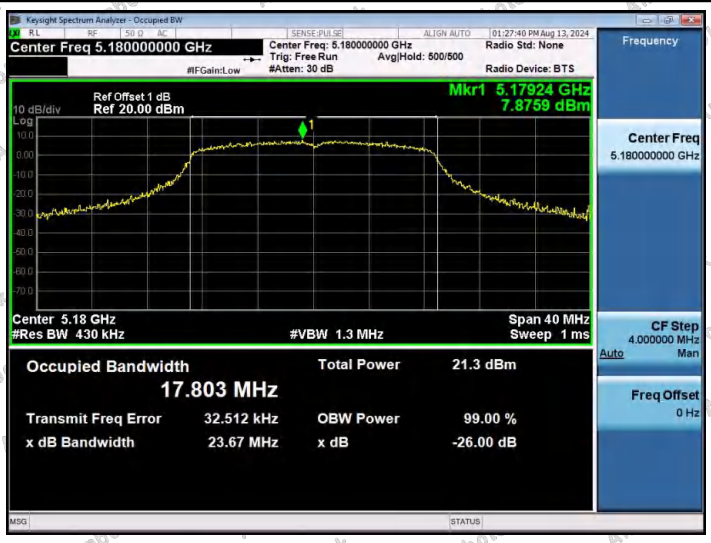


11A-Ant1-5825



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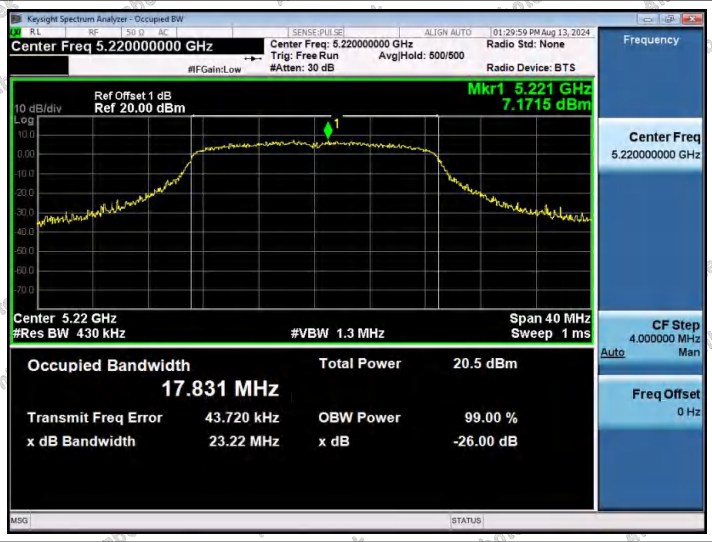
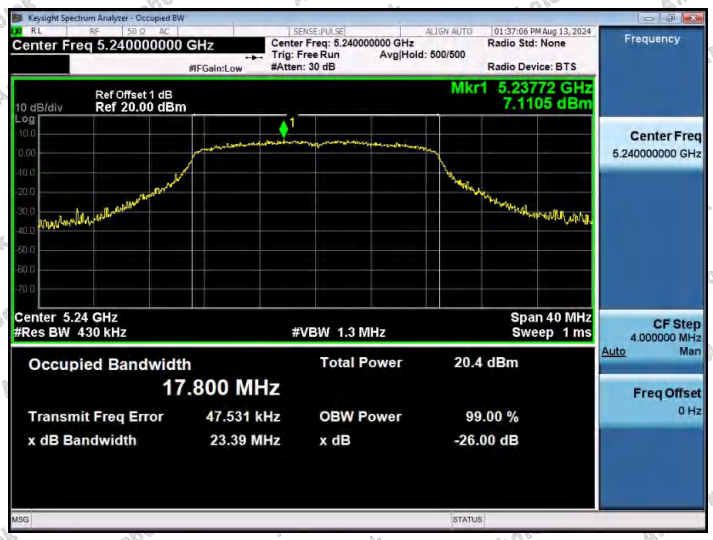


11N20SISO-Ant1-5220



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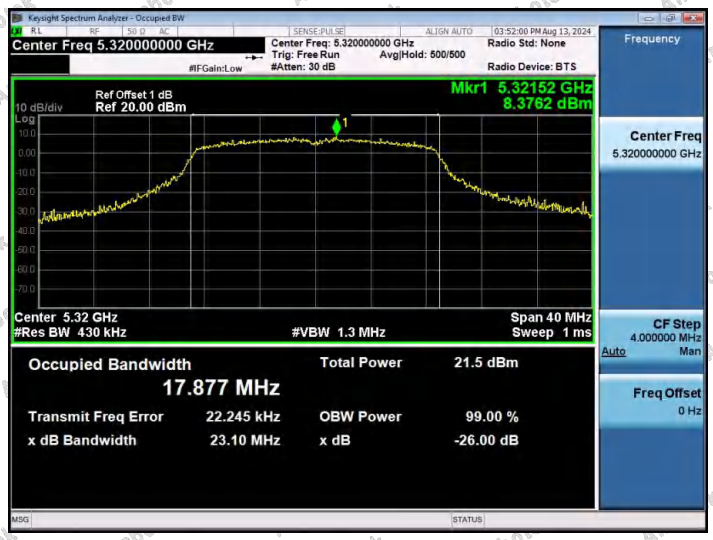
11N20SISO-Ant1-5260

11N20SISO-Ant1-5300



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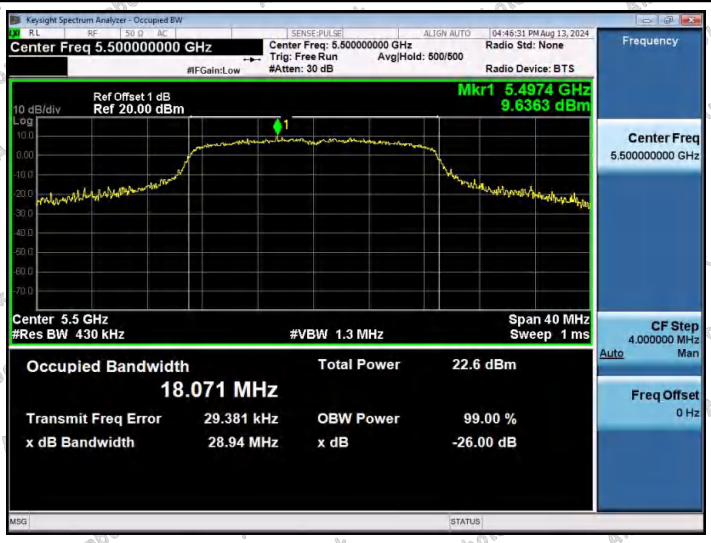
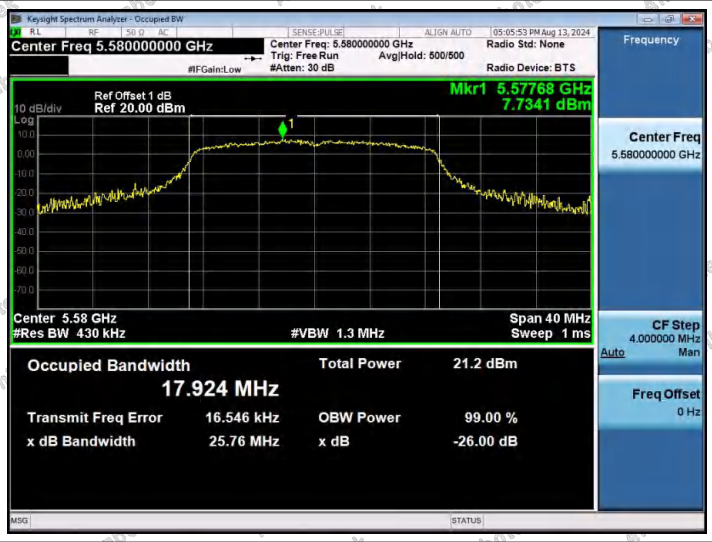
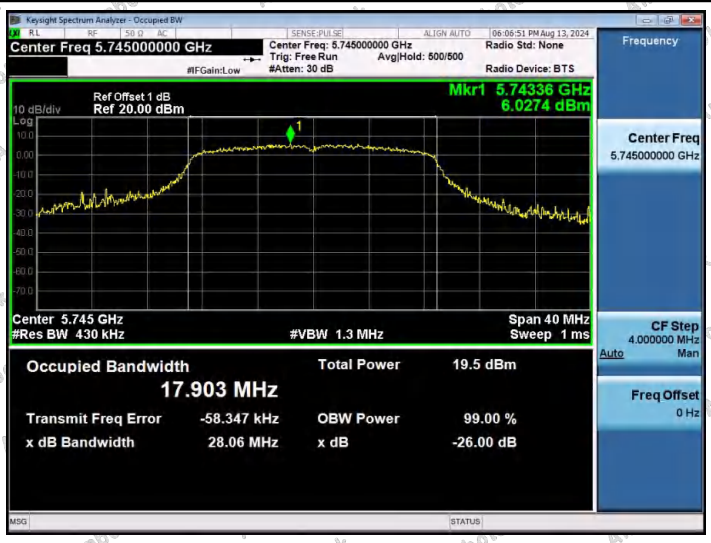


11N20SISO-Ant1-5500



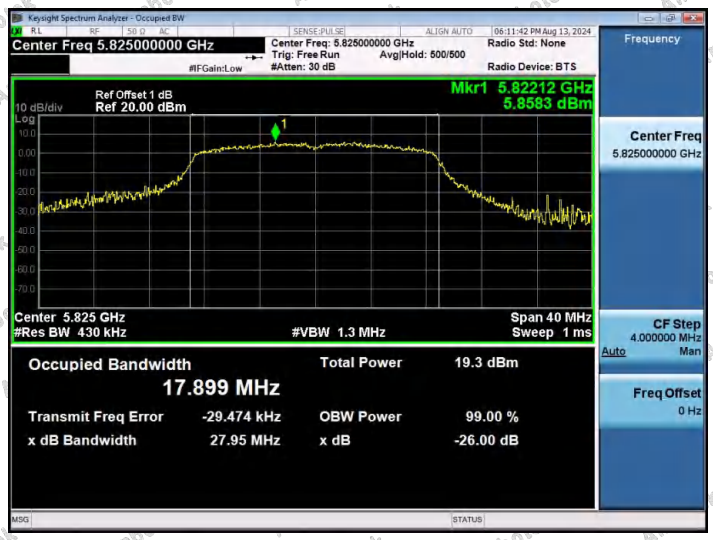
11N20SISO-Ant1-5580

11N20SISO-Ant1-5700



11N20SISO-Ant1-5745

11N20SISO-Ant1-5785



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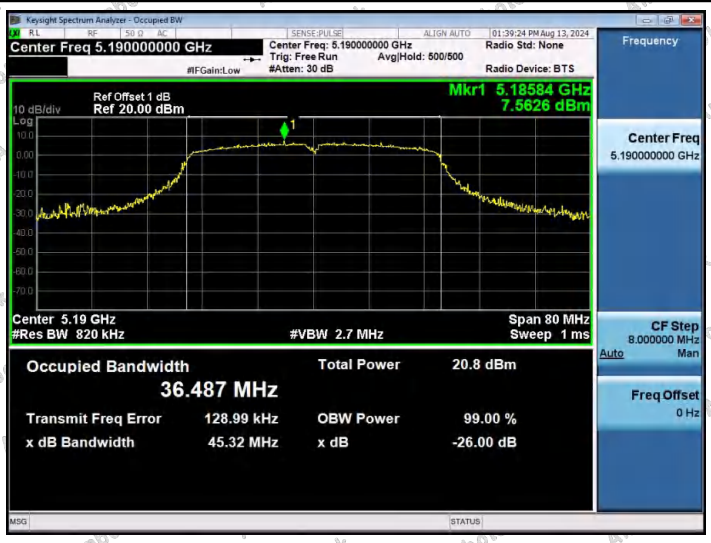
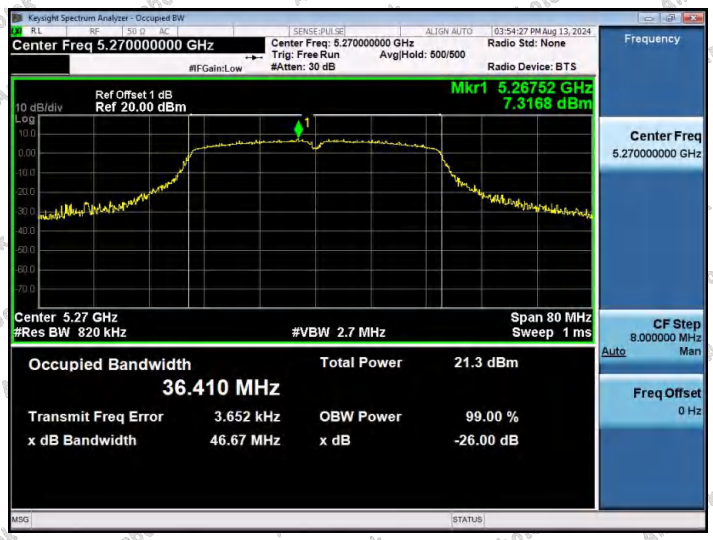


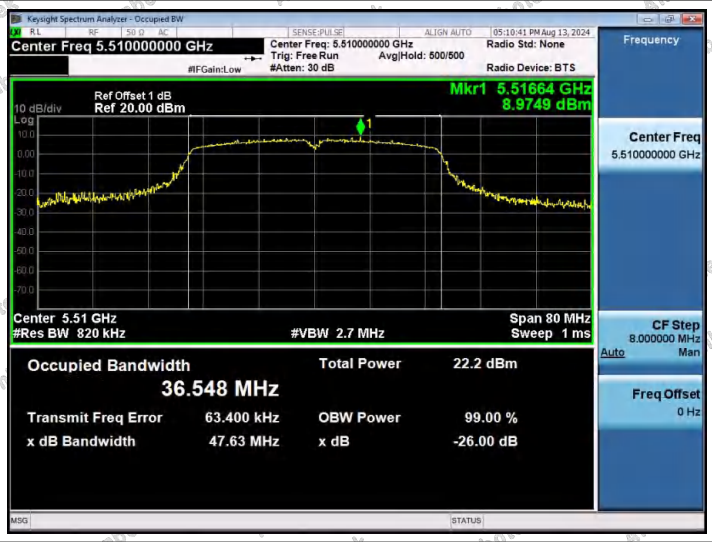
11N40SISO-Ant1-5190

11N40SISO-Ant1-5230



11N40SISO-Ant1-5270

11N40SISO-Ant1-5310



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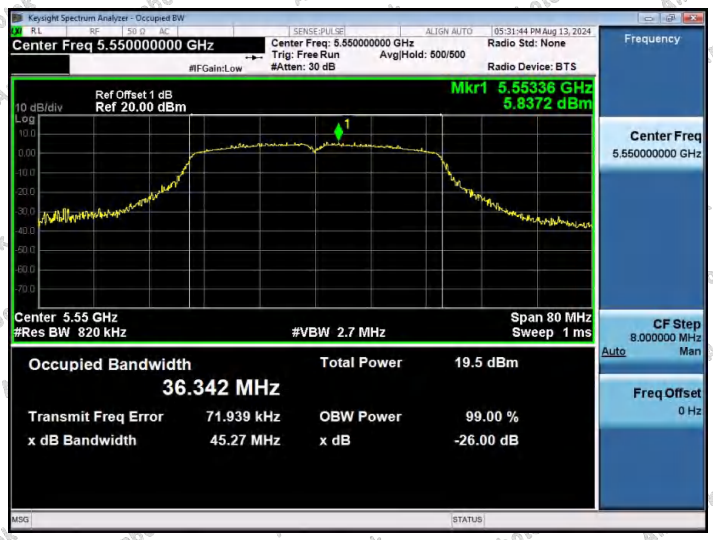

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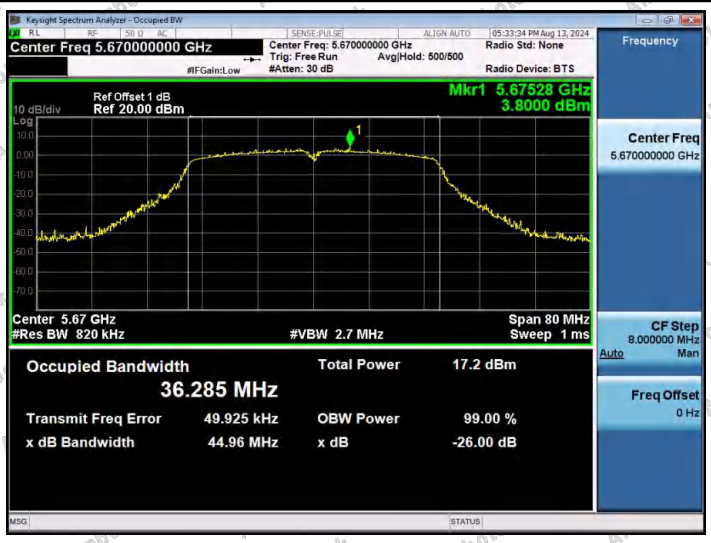
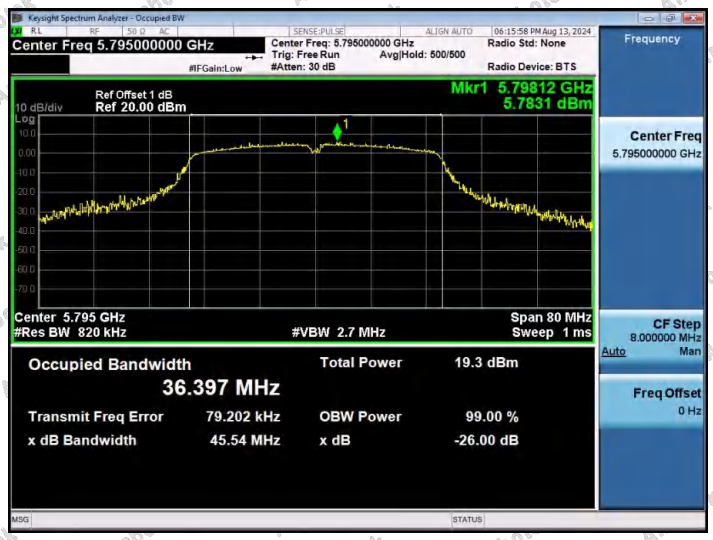


11N40SISO-Ant1-5670

11N40SISO-Ant1-5755



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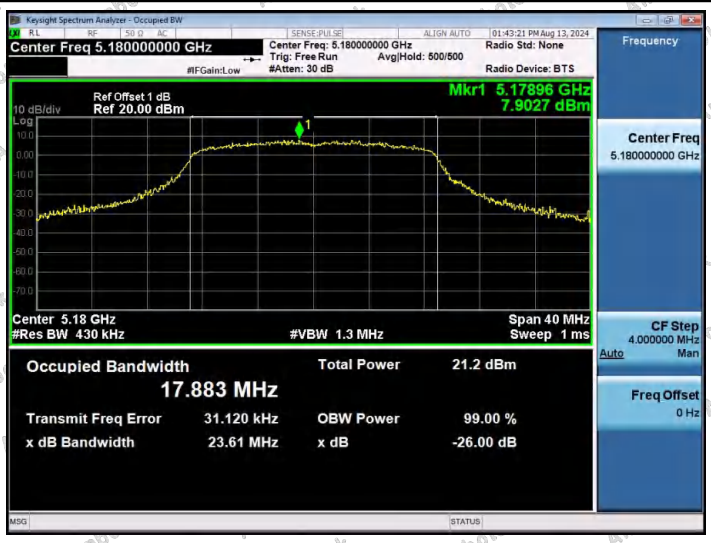

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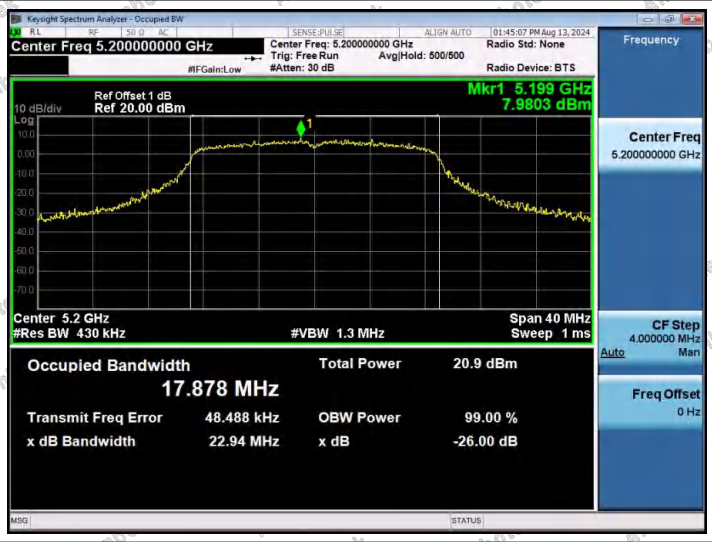

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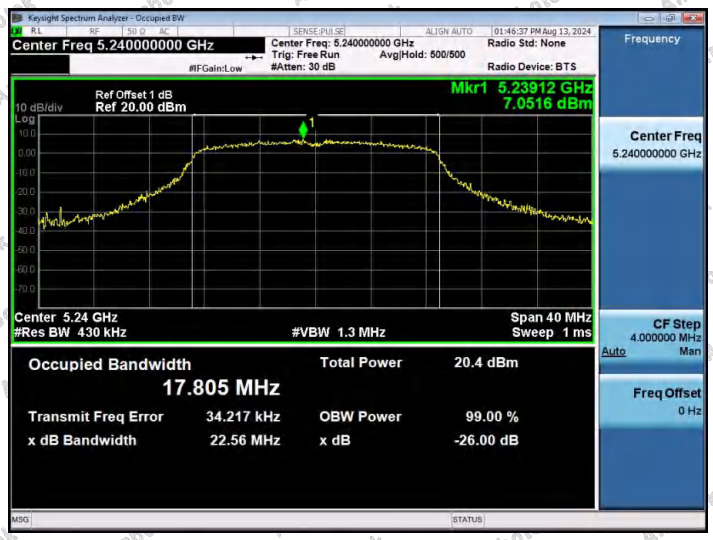

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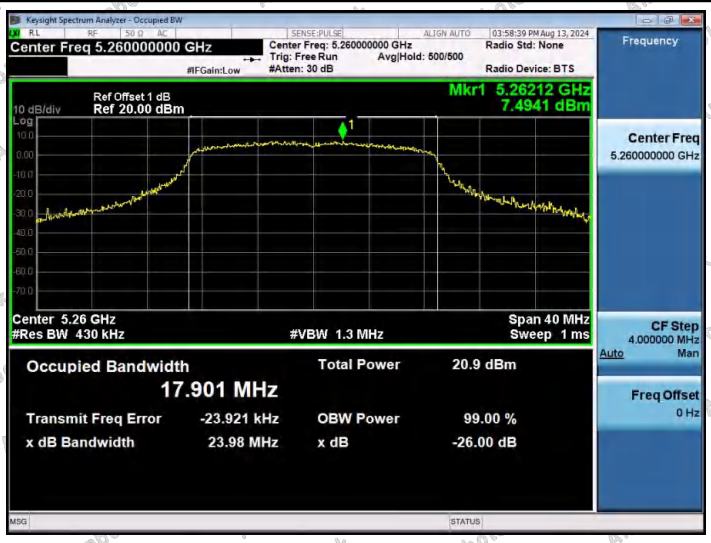

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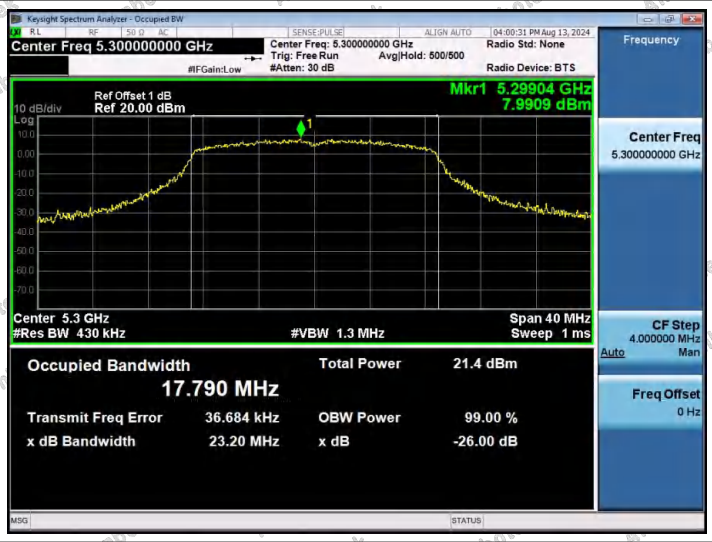

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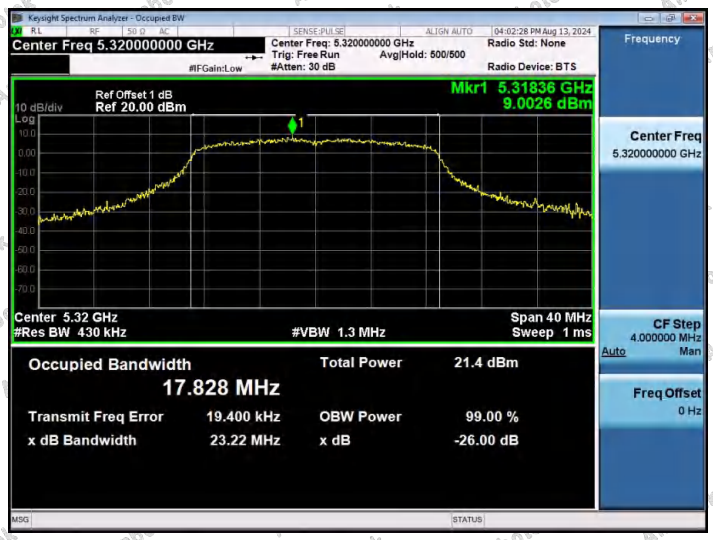

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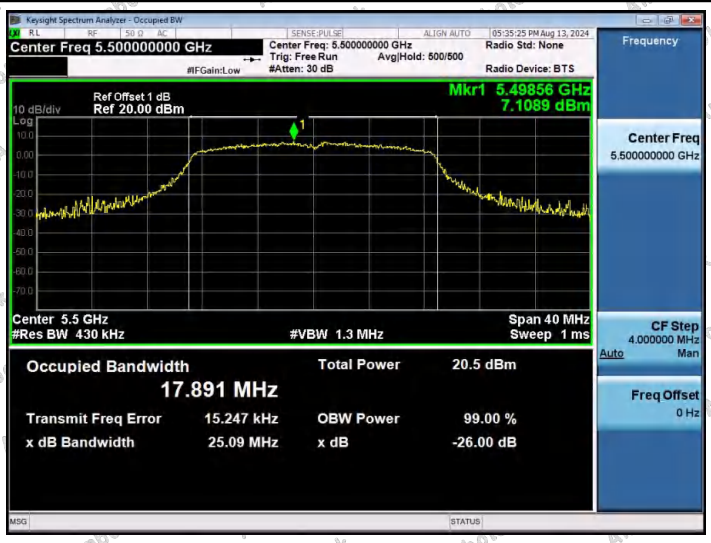
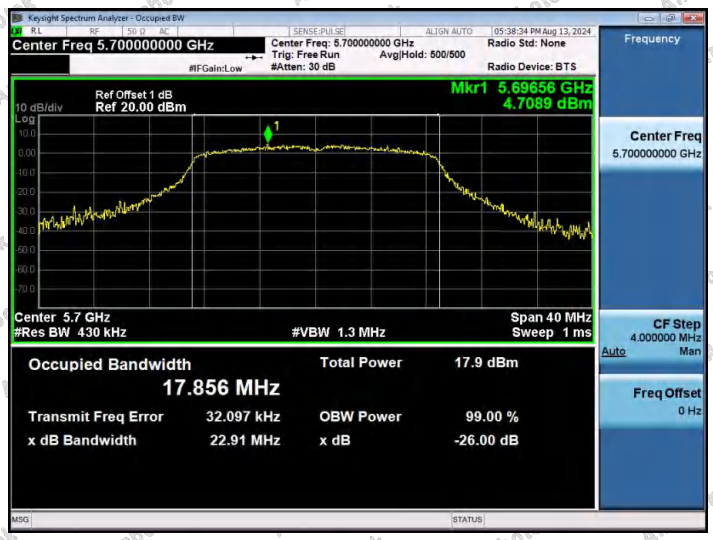


11AC20SISO-Ant1-5500

11AC20SISO-Ant1-5580



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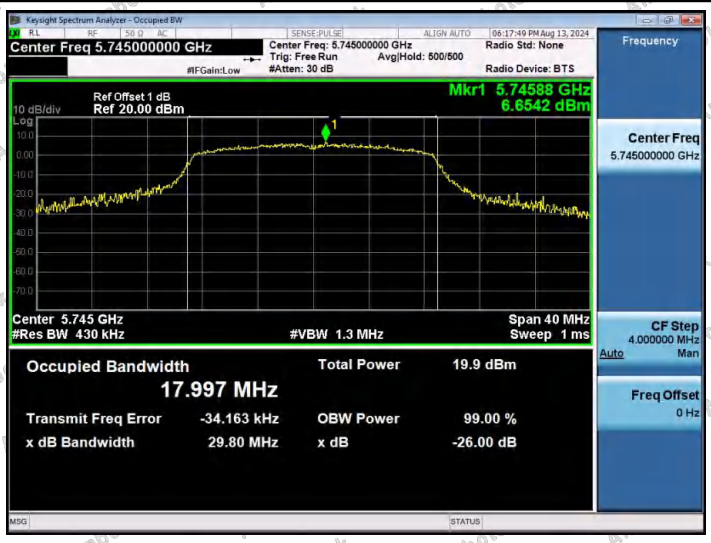
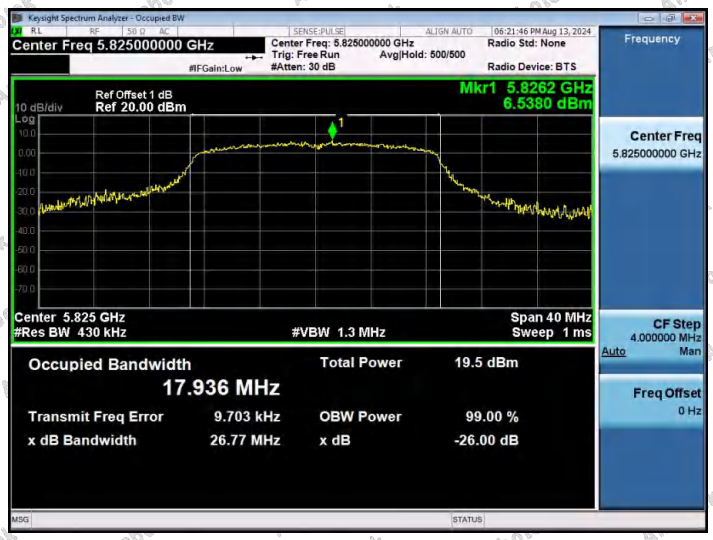


11AC20SISO-Ant1-5745

11AC20SISO-Ant1-5785



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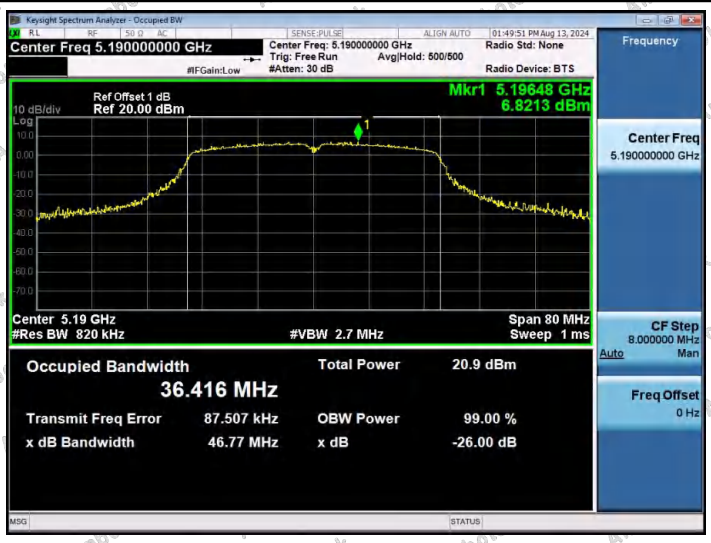
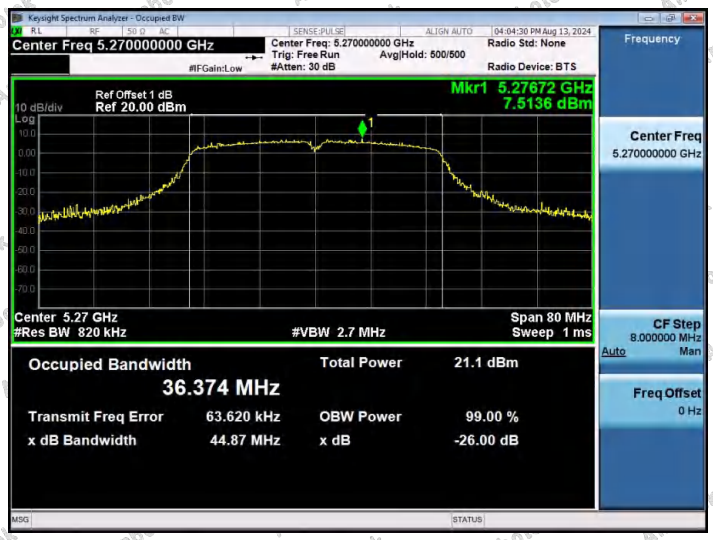


11AC40SISO-Ant1-5190

11AC40SISO-Ant1-5230



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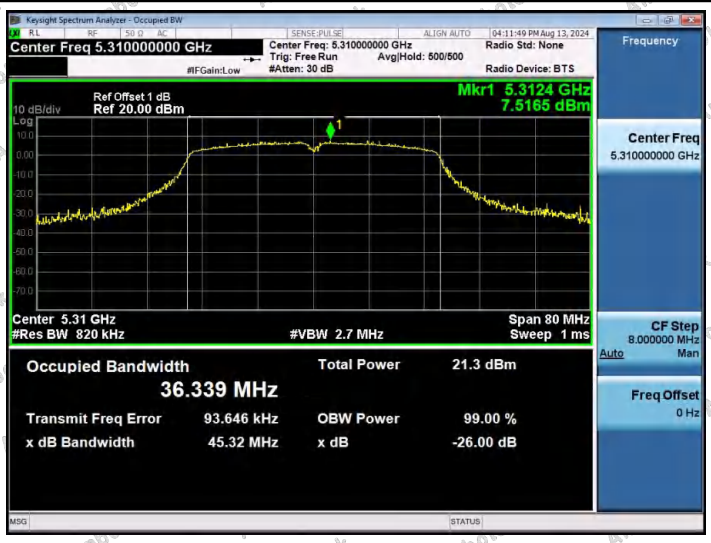
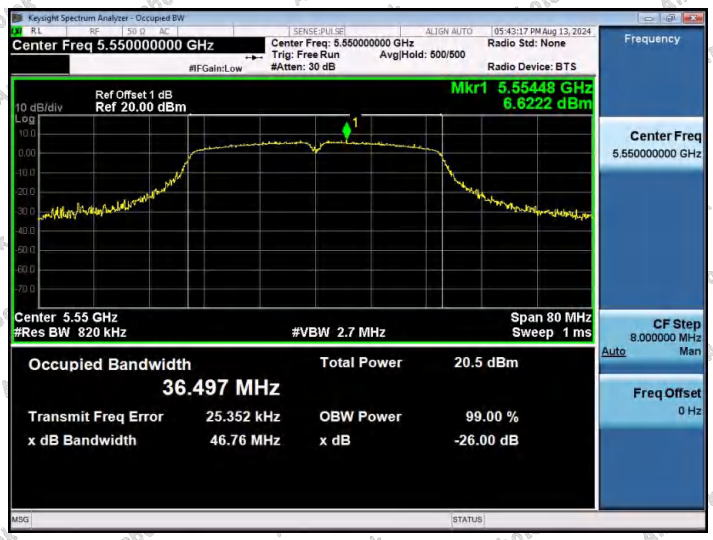


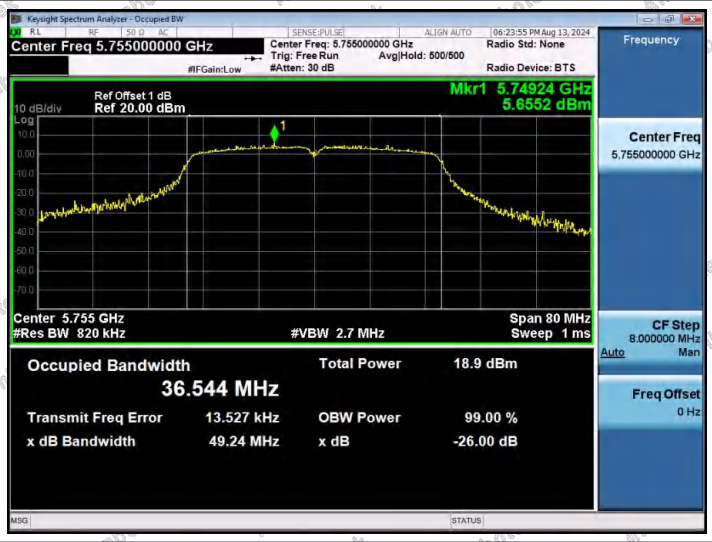
11AC40SISO-Ant1-5310

11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550

11AC40SISO-Ant1-5670



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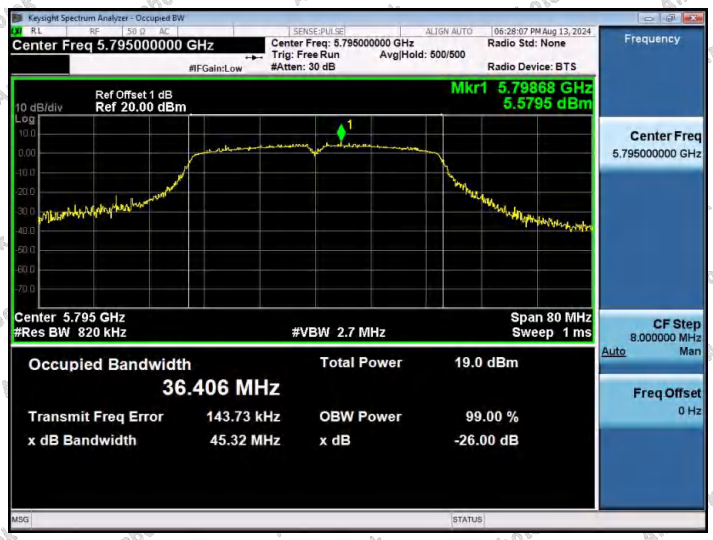

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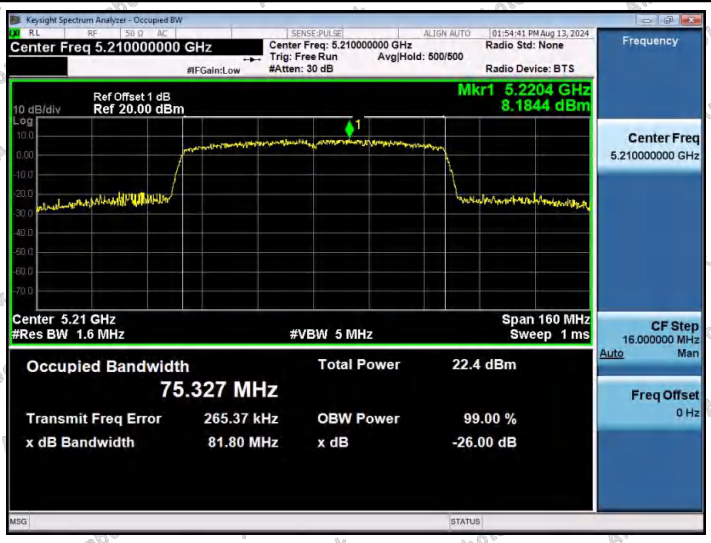
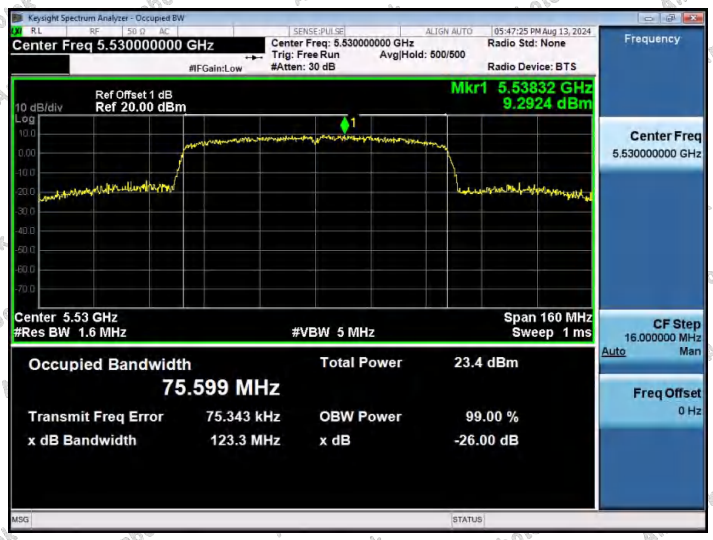


11AC80SISO-Ant1-5210

11AC80SISO-Ant1-5290



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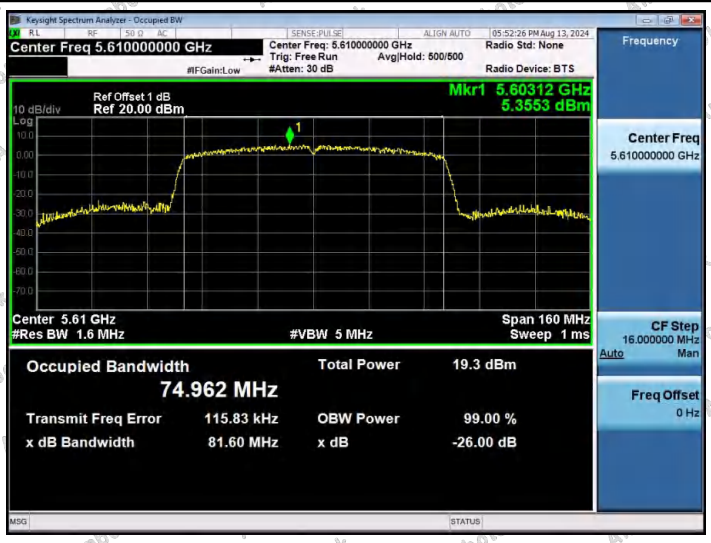
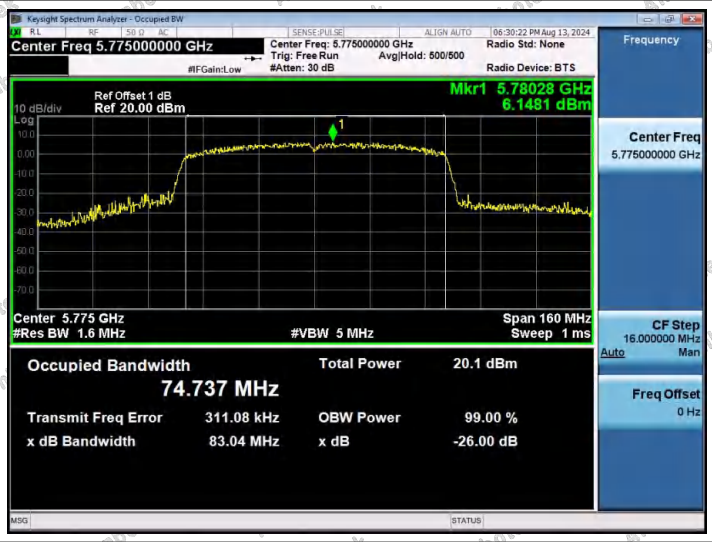


11AC80SISO-Ant1-5610



11AC80SISO-Ant1-5775

Appendix A3: Minimum 6dB Bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.040	5737.440	5752.480	0.5	PASS
11A	Ant1	5785	15.280	5777.480	5792.760	0.5	PASS
11A	Ant1	5825	15.640	5817.080	5832.720	0.5	PASS
11N20SISO	Ant1	5745	15.040	5737.120	5752.160	0.5	PASS
11N20SISO	Ant1	5785	17.360	5776.400	5793.760	0.5	PASS
11N20SISO	Ant1	5825	15.880	5817.240	5833.120	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
11N40SISO	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	14.560	5737.720	5752.280	0.5	PASS
11AC20SISO	Ant1	5785	15.880	5777.480	5793.360	0.5	PASS
11AC20SISO	Ant1	5825	17.280	5816.480	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
11AC40SISO	Ant1	5795	32.880	5778.680	5811.560	0.5	PASS
11AC80SISO	Ant1	5775	72.640	5739.960	5812.600	0.5	PASS

Test Graphs B4

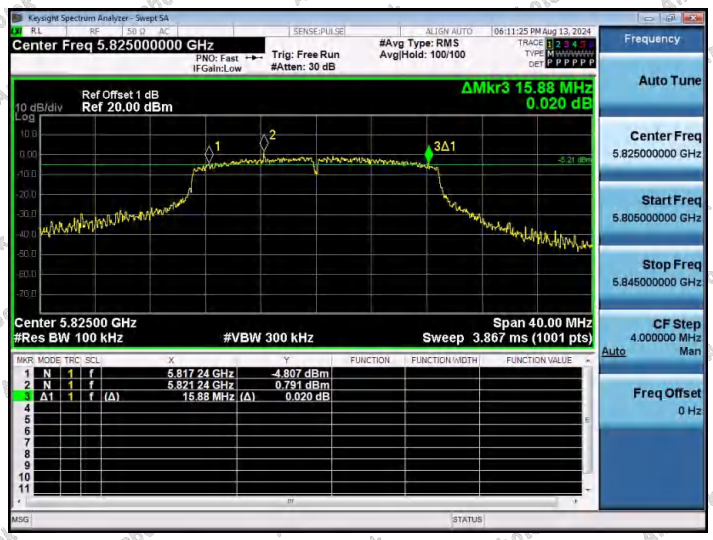
11A-Ant1-5745-PASS

11A-Ant1-5785-PASS

11A-Ant1-5825-PASS

11N20SISO-Ant1-5745-PASS

11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS