

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2AENNE2M2

Company : Shenzhen ImagineVision Technology Limited

EUT : Z CAM E2 Series Camera

Model Number : E1905

Report No. : CTA26033000601

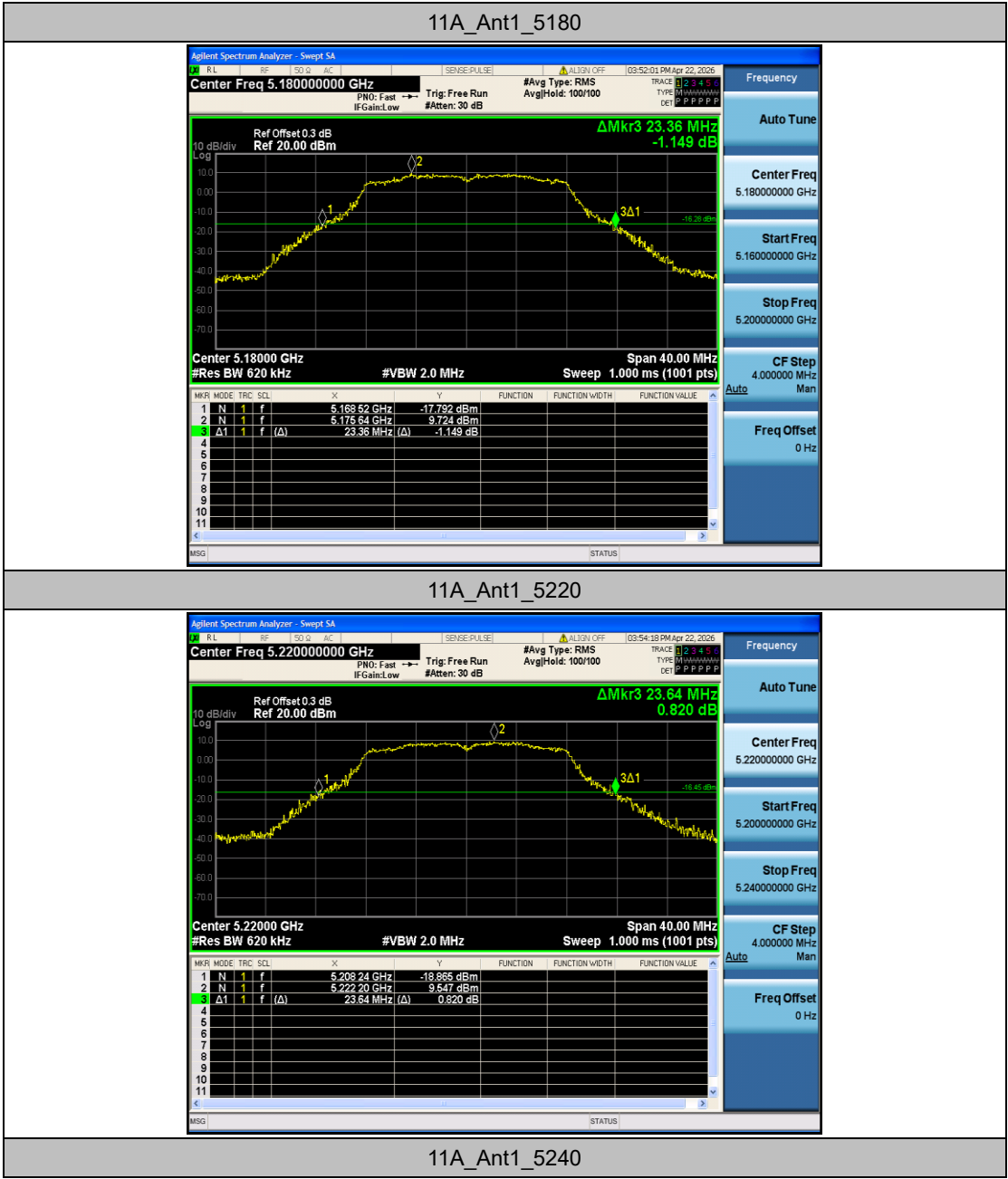
Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.360	5168.520	5191.880	---	---
		5220	23.640	5208.240	5231.880	---	---
		5240	23.680	5228.440	5252.120	---	---
		5745	24.320	5732.920	5757.240	---	---
		5785	22.920	5773.720	5796.640	---	---
		5825	24.480	5812.760	5837.240	---	---
11N20SISO	Ant1	5180	23.640	5168.280	5191.920	---	---
		5220	23.720	5208.000	5231.720	---	---
		5240	23.920	5228.400	5252.320	---	---
		5745	24.400	5732.960	5757.360	---	---
		5785	24.920	5772.680	5797.600	---	---
		5825	25.200	5812.640	5837.840	---	---
11N40SISO	Ant1	5190	43.520	5168.240	5211.760	---	---
		5230	42.960	5208.880	5251.840	---	---
		5755	44.800	5733.320	5778.120	---	---
		5795	44.800	5773.240	5818.040	---	---
11AC20SISO	Ant1	5180	23.080	5168.880	5191.960	---	---
		5220	23.160	5208.640	5231.800	---	---
		5240	23.280	5228.920	5252.200	---	---
		5745	23.800	5733.000	5756.800	---	---
		5785	22.880	5773.720	5796.600	---	---
		5825	23.800	5813.240	5837.040	---	---
11AC40SISO	Ant1	5190	42.560	5168.800	5211.360	---	---
		5230	42.160	5209.280	5251.440	---	---
		5755	44.000	5733.240	5777.240	---	---
		5795	44.160	5773.560	5817.720	---	---
11AC80SISO	Ant1	5210	85.120	5167.920	5253.040	---	---
		5775	84.480	5733.080	5817.560	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



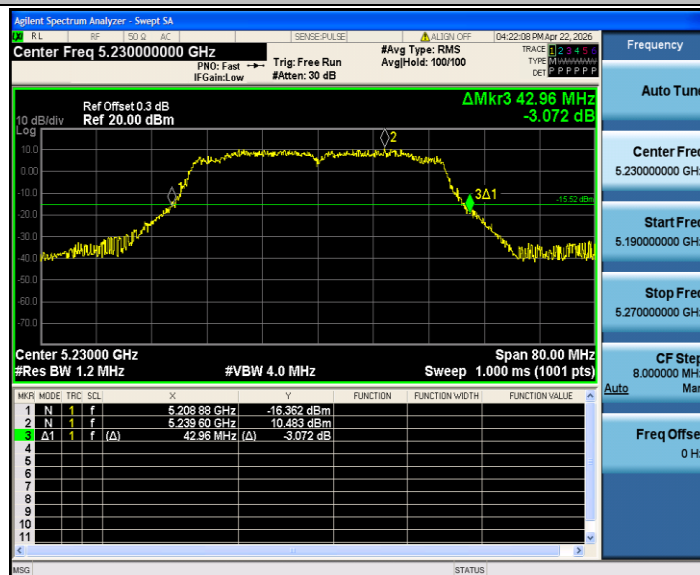
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



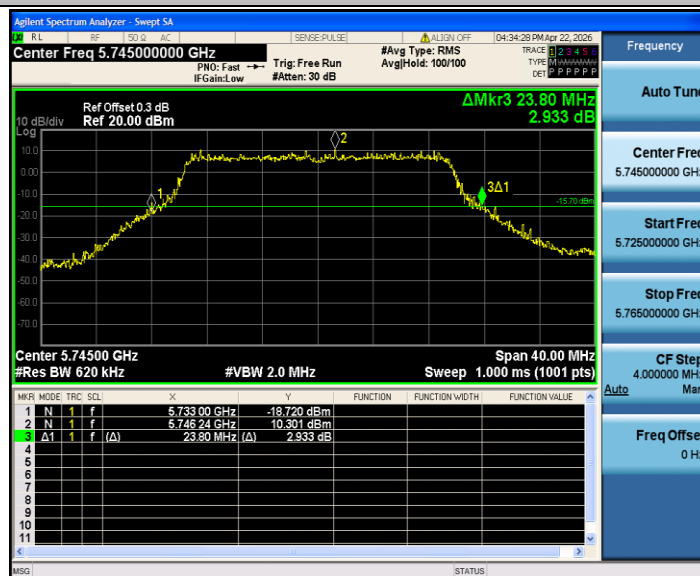
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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



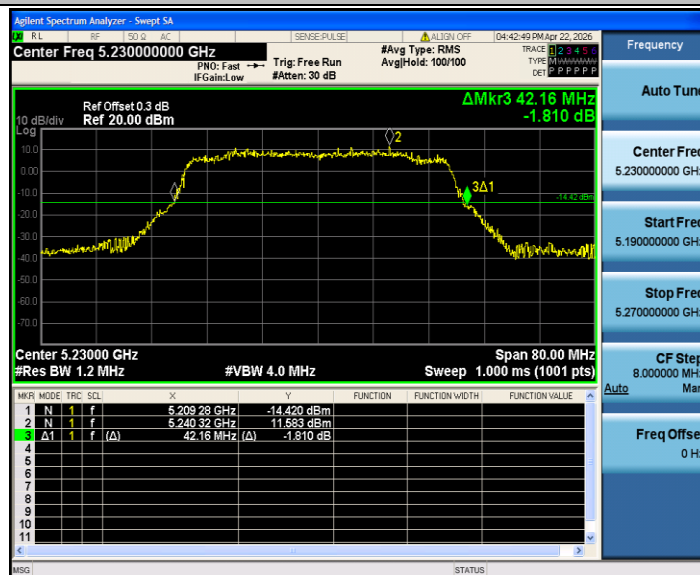
11AC20SISO_Ant1_5825



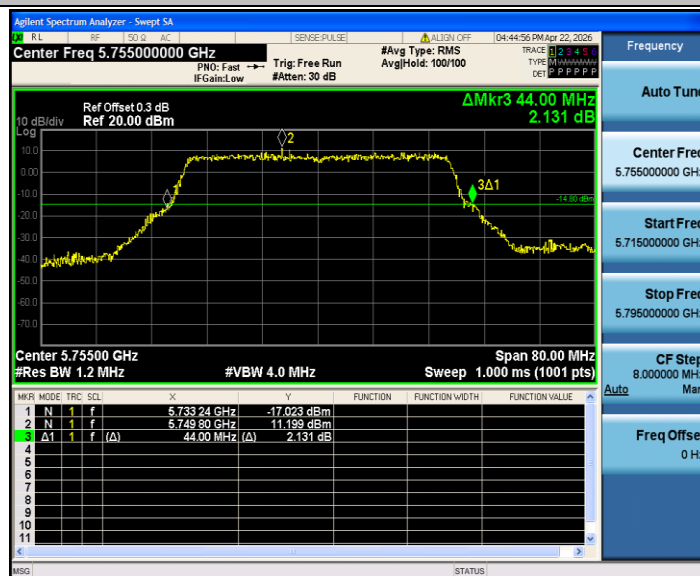
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



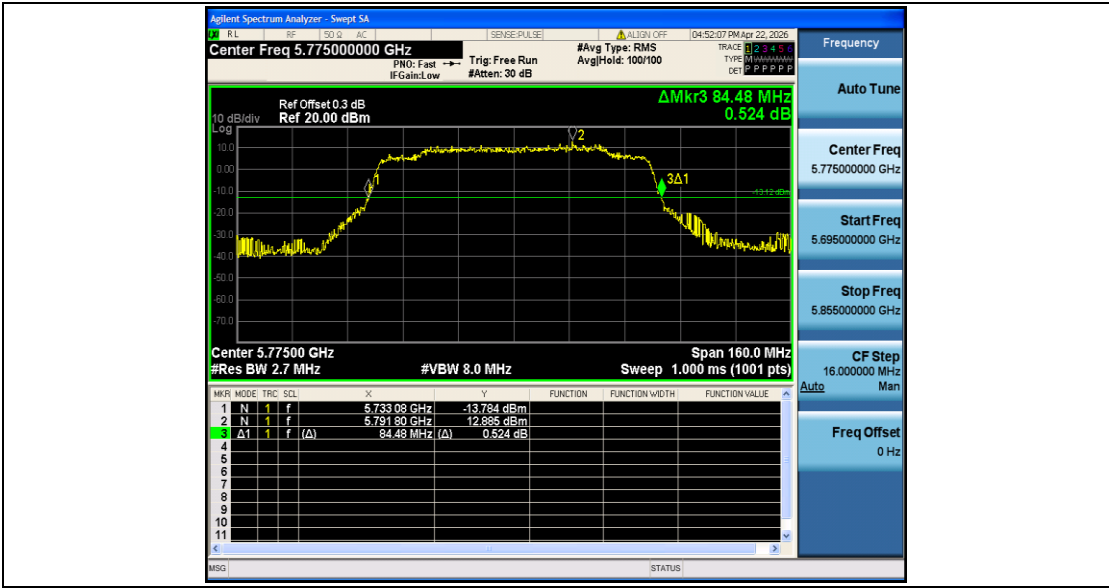
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

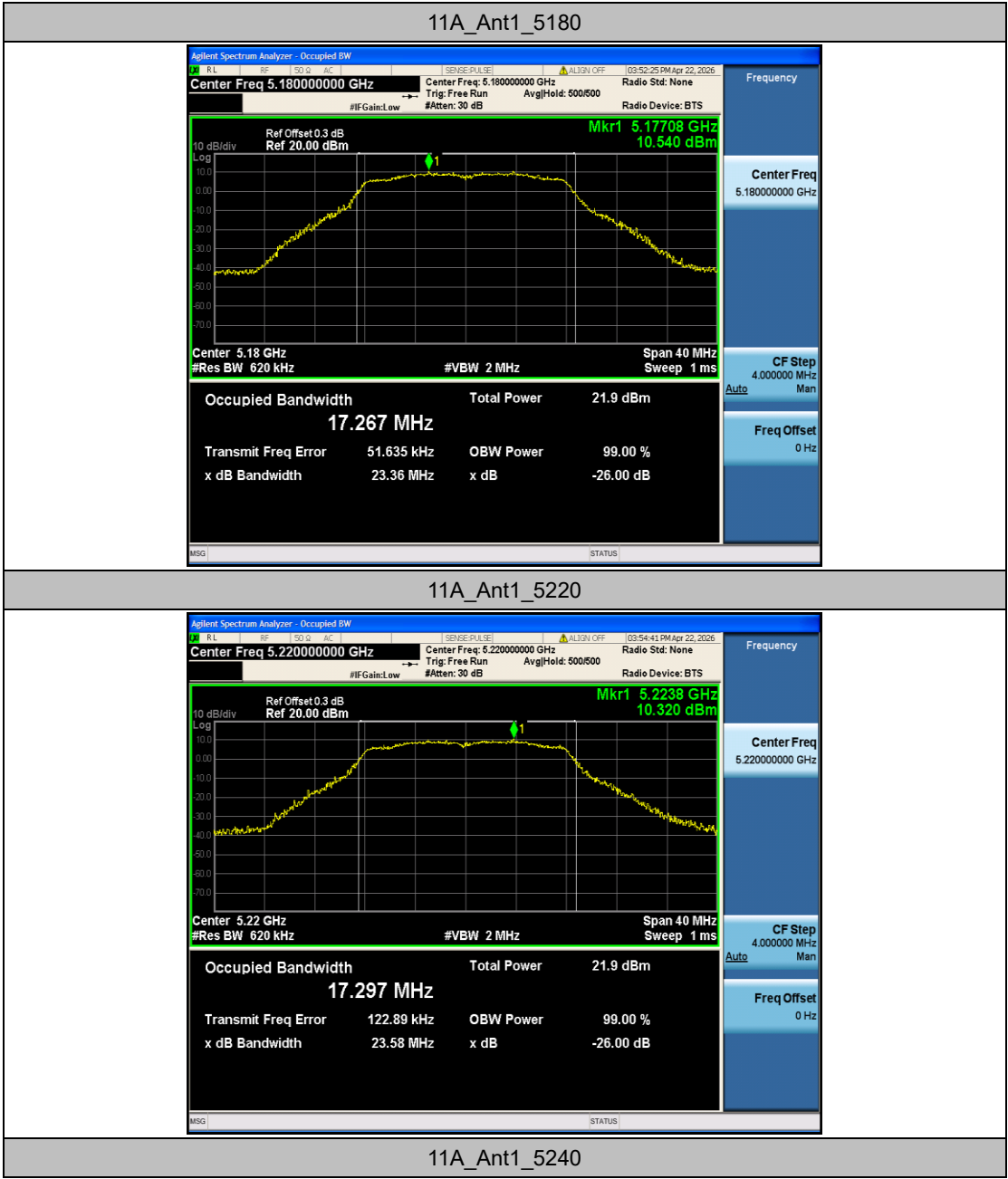


Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.267	5171.4181	5188.6851	---	---
		5220	17.297	5211.4744	5228.7714	---	---
		5240	17.286	5231.4220	5248.7080	---	---
		5745	17.667	5736.2389	5753.9059	---	---
		5785	17.624	5776.2510	5793.8750	---	---
		5825	17.593	5816.2436	5833.8366	---	---
11N20SISO	Ant1	5180	18.230	5170.9275	5189.1575	---	---
		5220	18.279	5210.9055	5229.1845	---	---
		5240	18.222	5230.9616	5249.1836	---	---
		5745	18.693	5735.6781	5754.3711	---	---
		5785	18.647	5775.7371	5794.3841	---	---
		5825	18.669	5815.7126	5834.3816	---	---
11N40SISO	Ant1	5190	36.272	5171.9372	5208.2092	---	---
		5230	36.215	5211.9630	5248.1780	---	---
		5755	36.932	5736.6508	5773.5828	---	---
		5795	36.933	5776.6890	5813.6220	---	---
11AC20SISO	Ant1	5180	19.076	5170.5169	5189.5929	---	---
		5220	19.057	5210.5187	5229.5757	---	---
		5240	19.134	5230.4824	5249.6164	---	---
		5745	19.400	5735.3646	5754.7646	---	---
		5785	19.444	5775.3179	5794.7619	---	---
		5825	19.421	5815.3345	5834.7555	---	---
11AC40SISO	Ant1	5190	37.753	5171.2396	5208.9926	---	---
		5230	37.859	5211.1585	5249.0175	---	---
		5755	38.312	5735.9538	5774.2658	---	---
		5795	38.264	5776.0100	5814.2740	---	---
11AC80SISO	Ant1	5210	76.948	5171.6996	5248.6476	---	---
		5775	76.974	5736.8049	5813.7789	---	---

Test Graphs



11A_Ant1_5220

Agilent Spectrum Analyzer - Occupied BW

Center Freq 5.220000000 GHz

Center Freq: 5.220000000 GHz

Trig: Free Run

Avg/Hold: 500/500

Radio Std: None

Radio Device: BTS

Ref Offset 0.3 dB

Ref 20.00 dBm

Mkr1 5.2238 GHz

10.320 dBm

10 dB/div

Log

Center 5.22 GHz

#Res BW 620 kHz

#VBW 2 MHz

Span 40 MHz

Sweep 1 ms

Occupied Bandwidth

17.297 MHz

Total Power

21.9 dBm

Transmit Freq Error

122.89 kHz

OBW Power

99.00 %

x dB Bandwidth

23.58 MHz

x dB

-26.00 dB

MSG

STATUS

Frequency

Center Freq

5.220000000 GHz

CF Step

4.0000000 MHz

Auto

Man

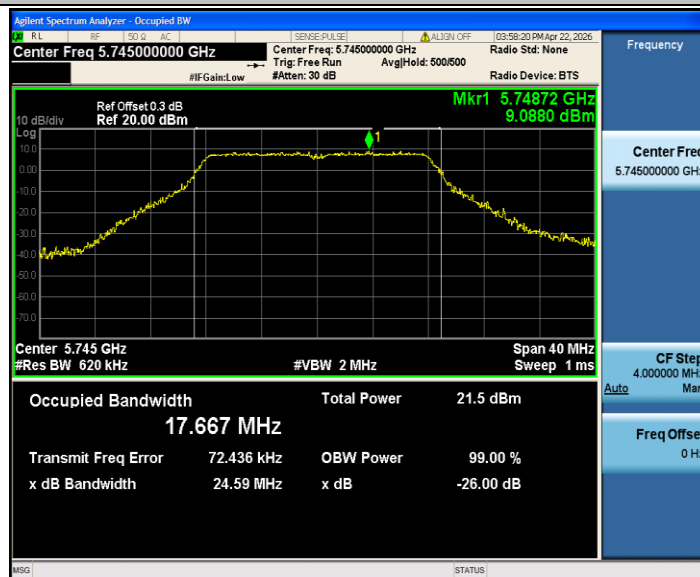
Freq Offset

0 Hz

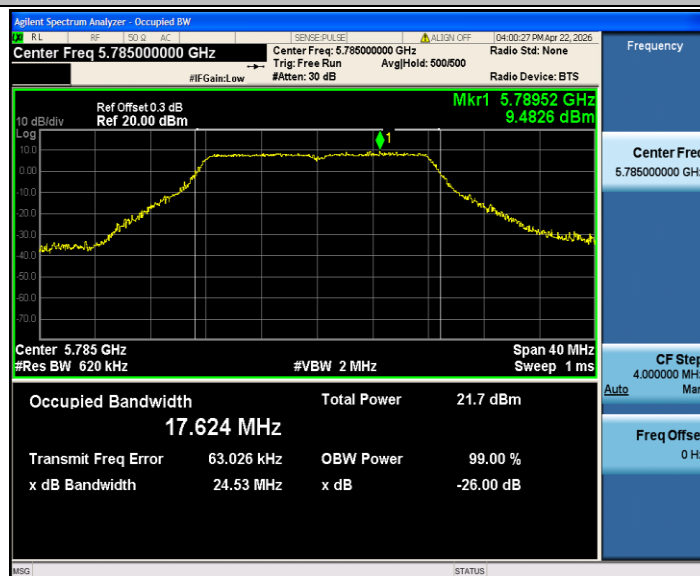
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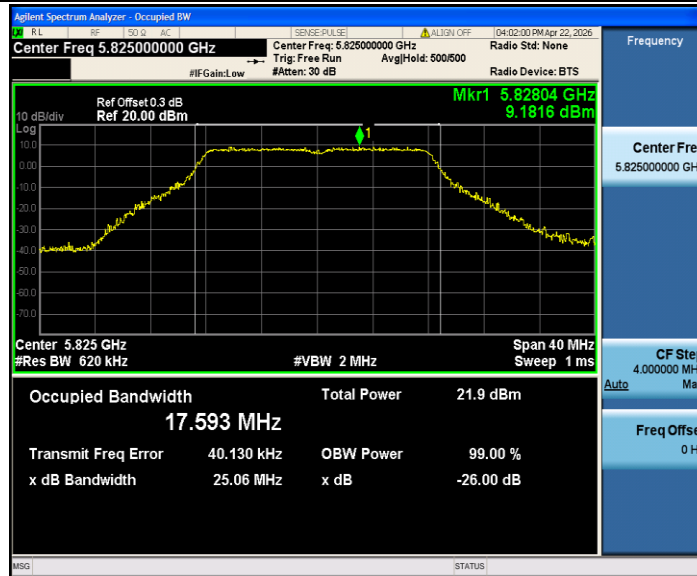
11A_Ant1_5745



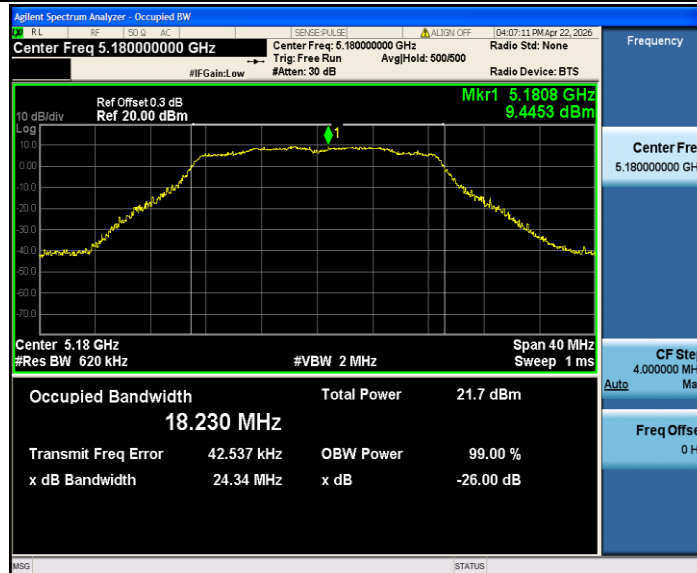
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



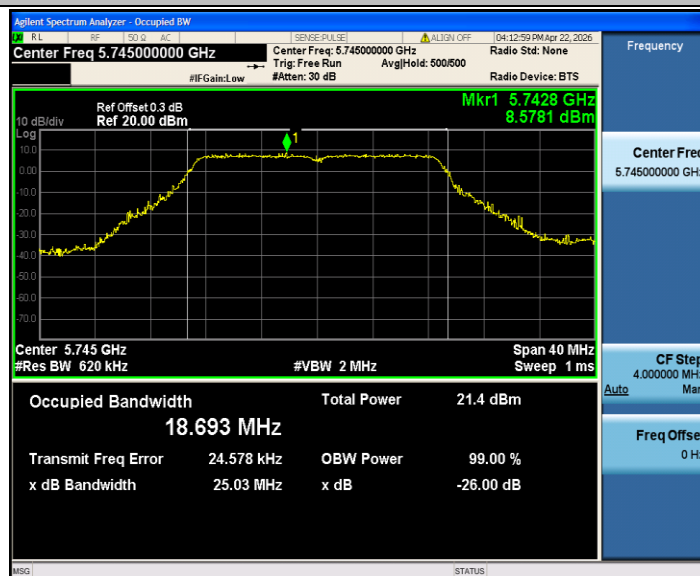
11N20SISO_Ant1_5220



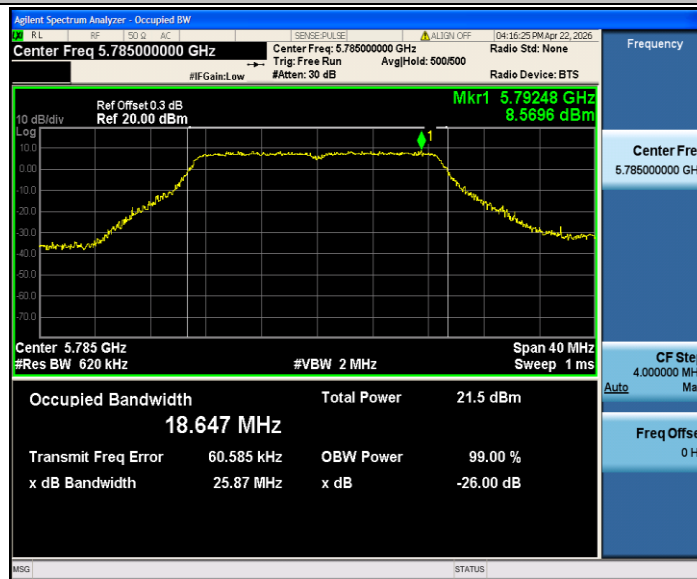
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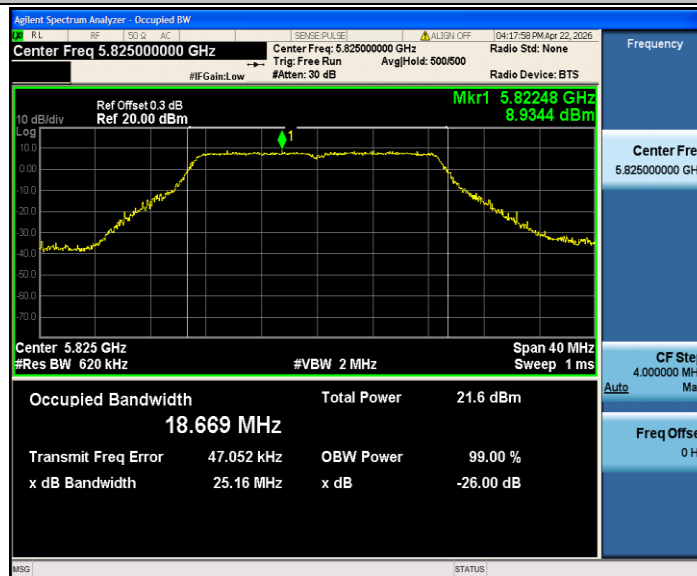
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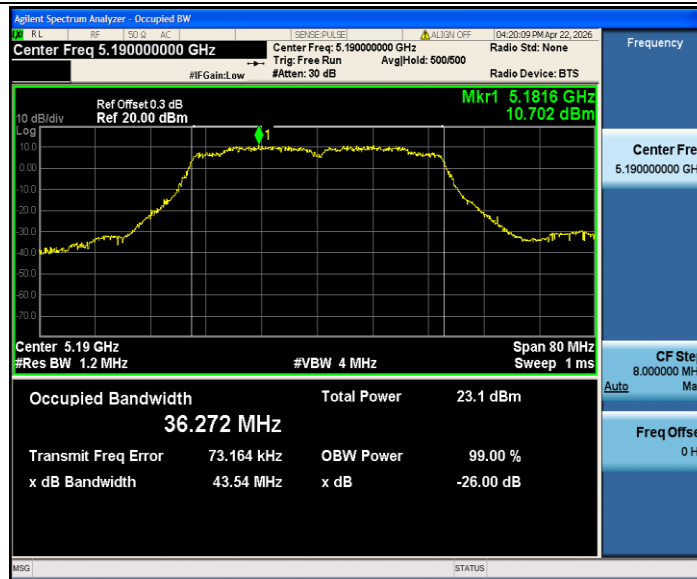
11N20SISO_Ant1_5785



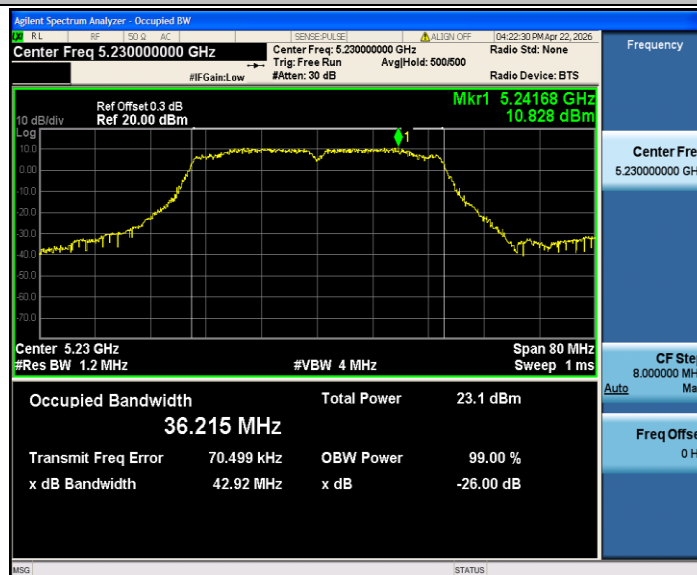
11N20SISO_Ant1_5825



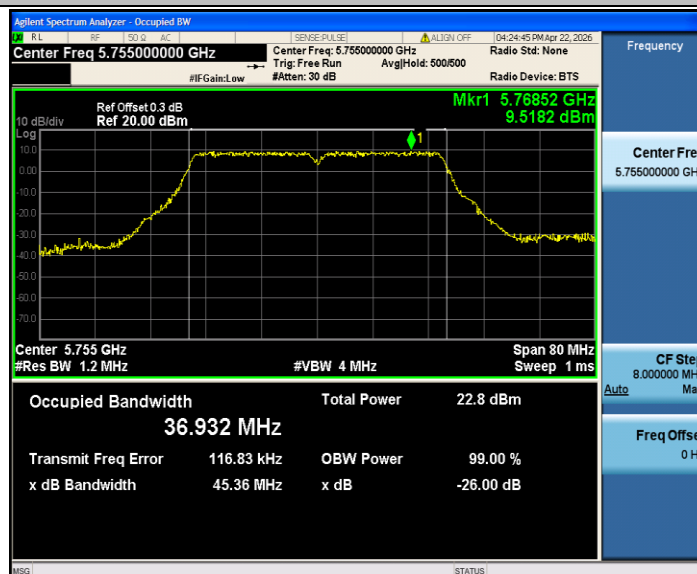
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



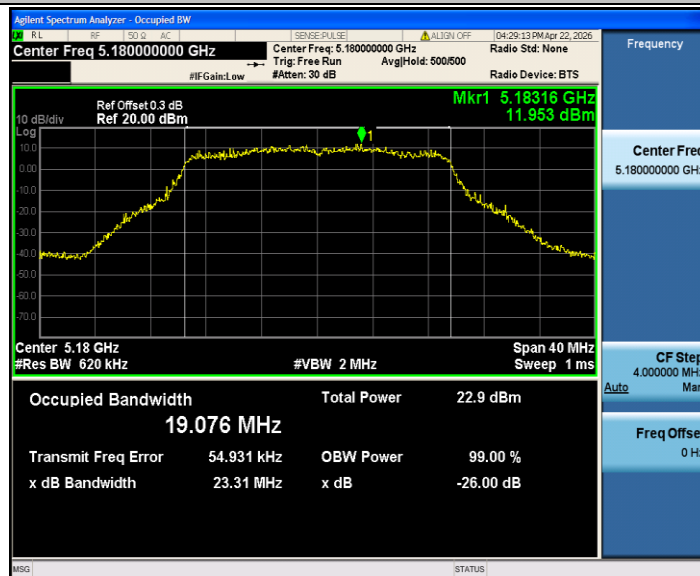
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



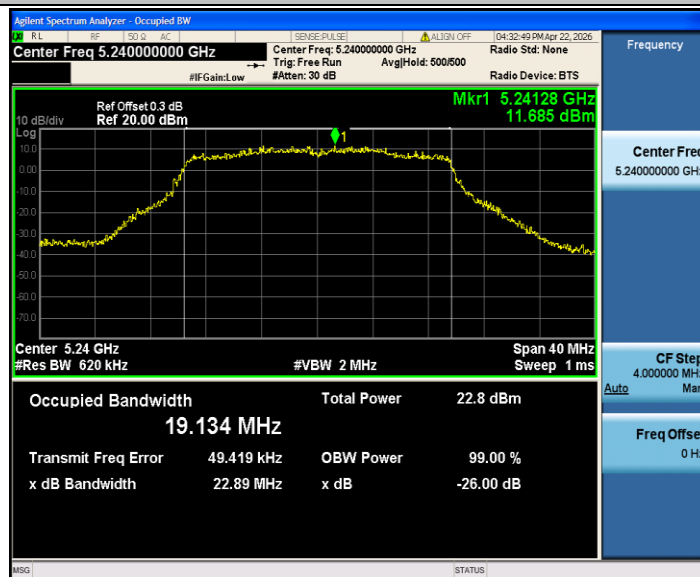
11AC20SISO_Ant1_5180



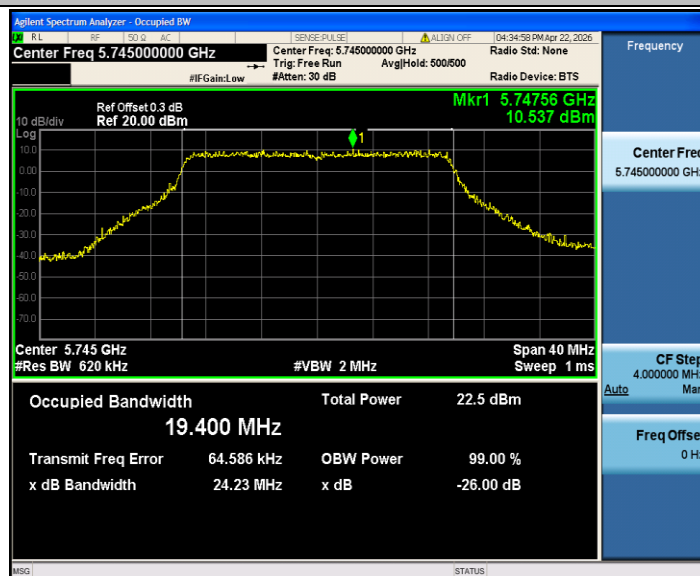
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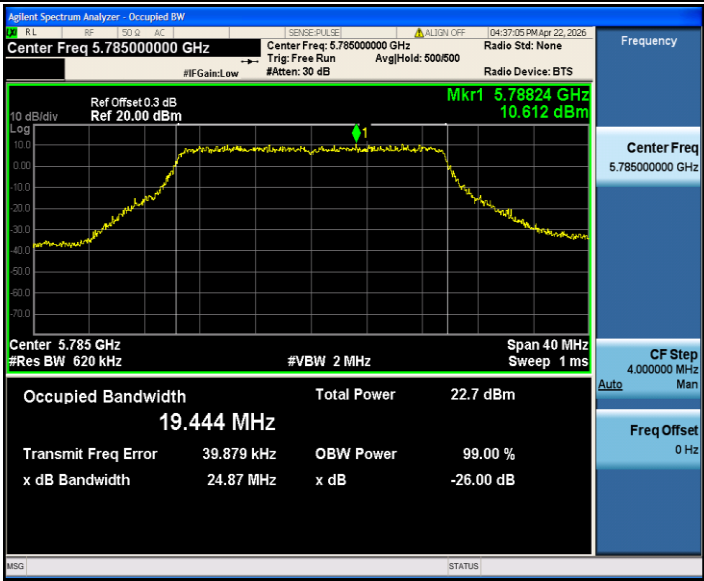
11AC20SISO_Ant1_5240



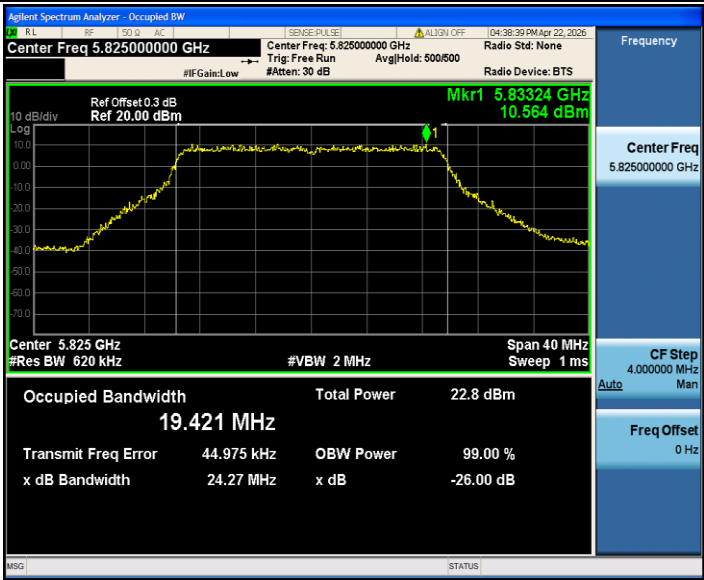
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



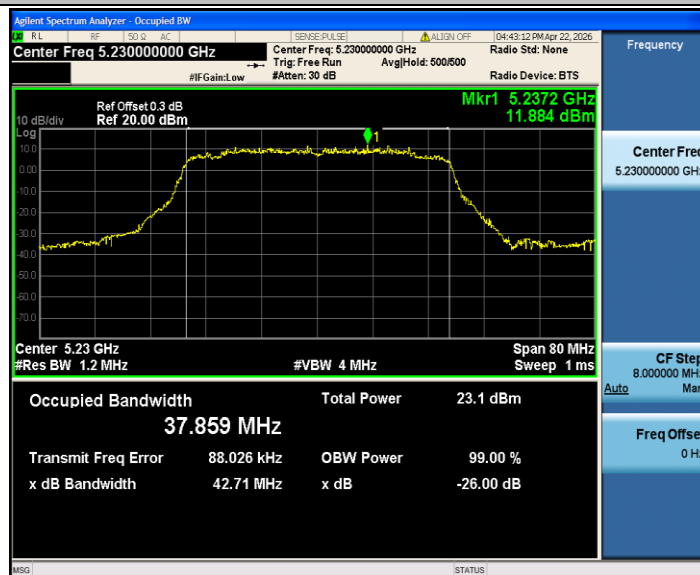
11AC20SISO_Ant1_5825



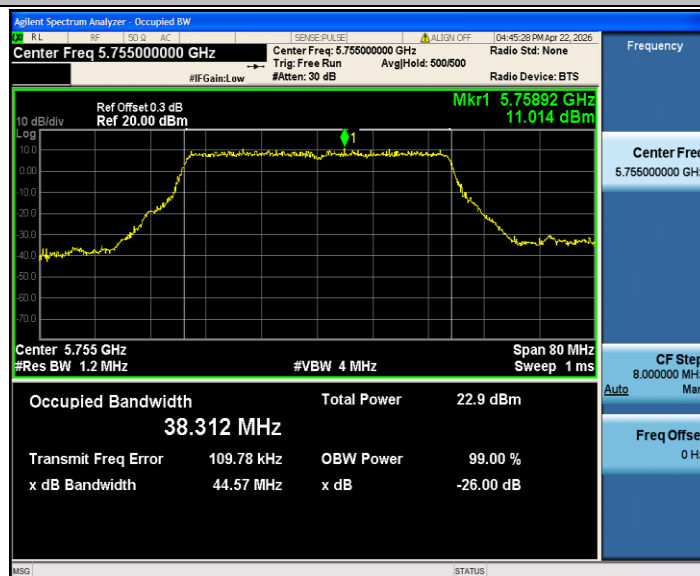
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



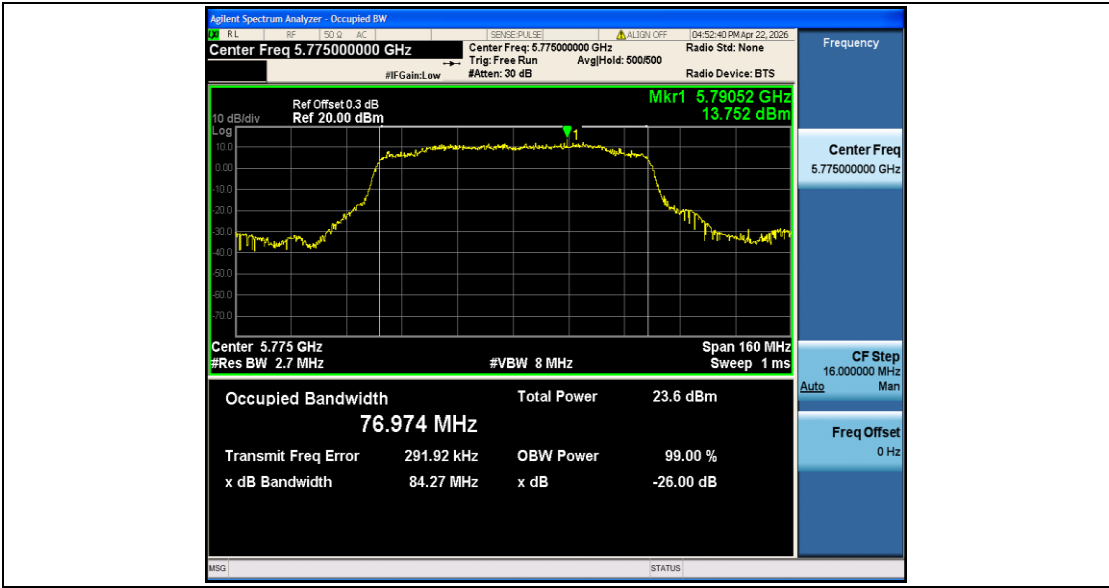
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

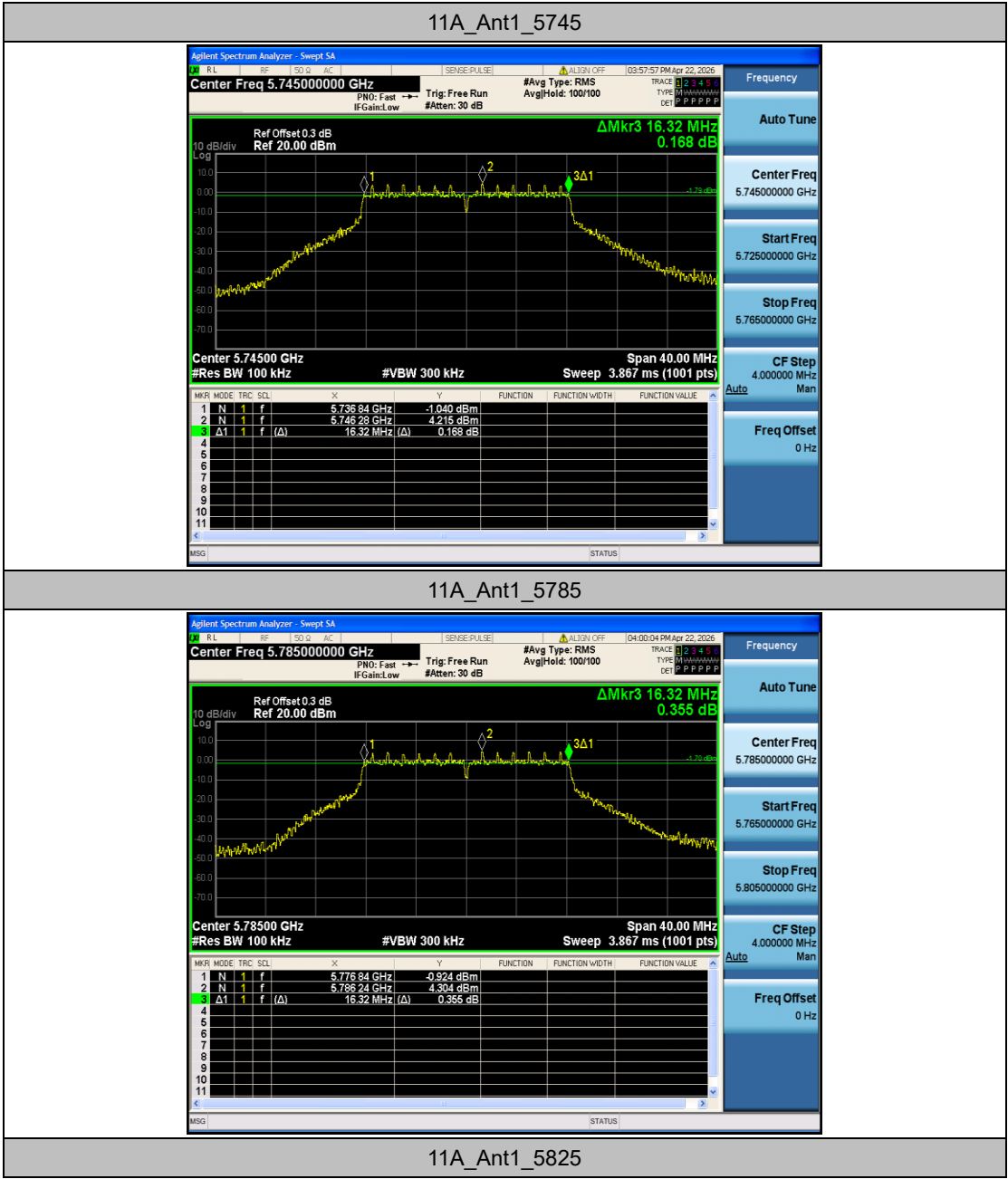


Appendix A3: Min emission bandwidth

Test Result B4

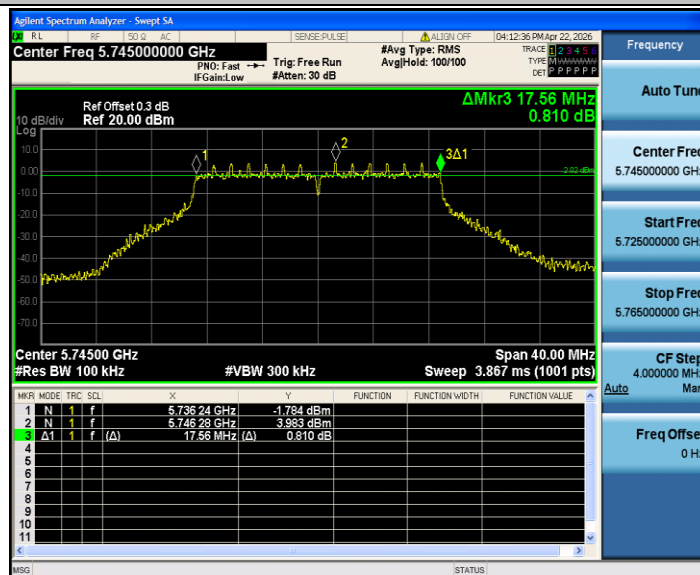
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.280	5735.840	5754.120	0.5	PASS
		5785	17.960	5776.040	5794.000	0.5	PASS
		5825	18.840	5815.640	5834.480	0.5	PASS
11AC40SISO	Ant1	5755	37.760	5736.280	5774.040	0.5	PASS
		5795	37.760	5776.280	5814.040	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

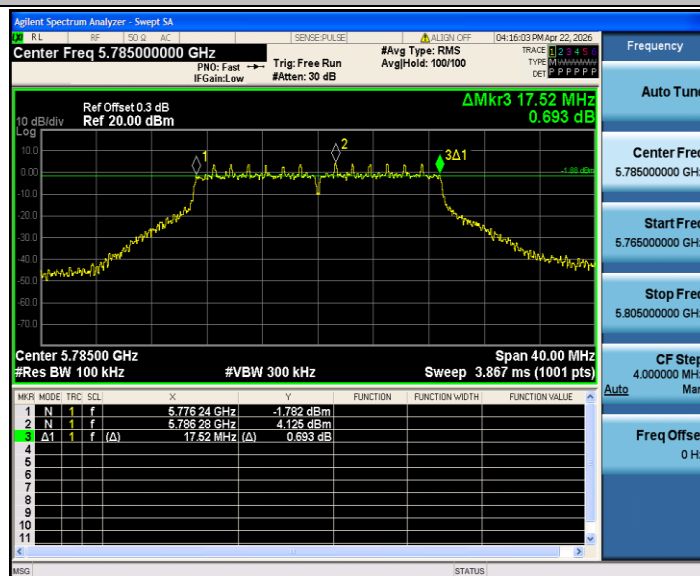




11N20SISO_Ant1_5745



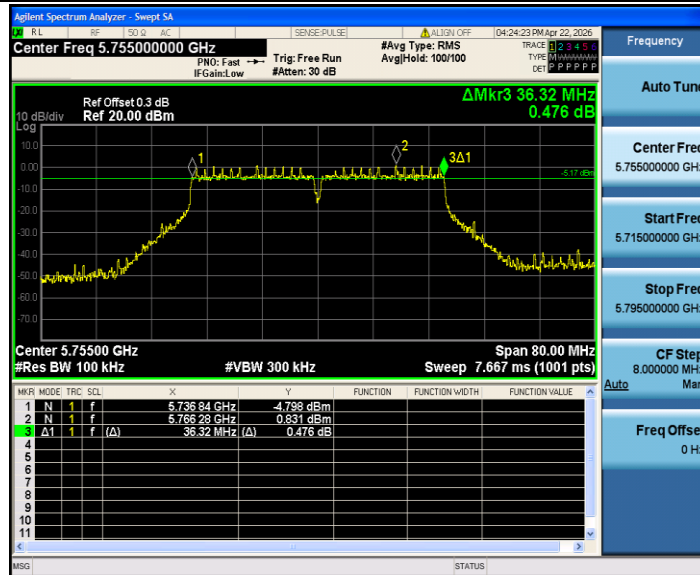
11N20SISO_Ant1_5785



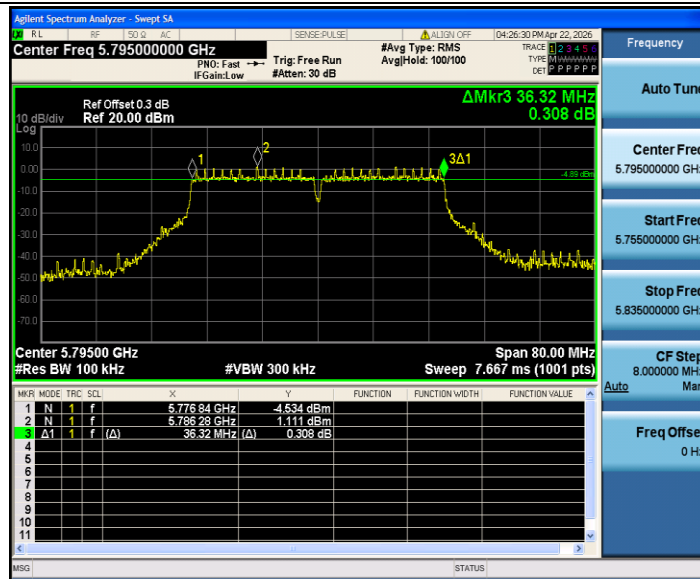
11N20SISO_Ant1_5825



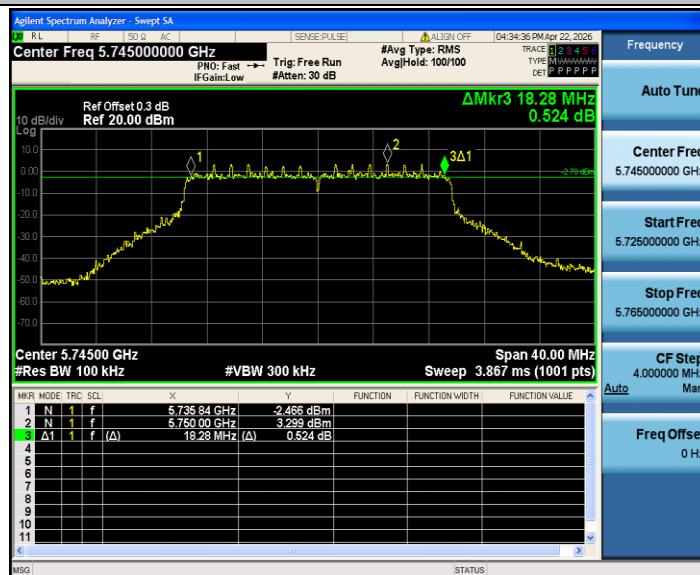
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

