

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BWDQ-PULAOECHOP1

Company : Beijing Zhixue Vision Management Consulting
Co., Ltd.

EUT : PulaoEcho

Model Number : PulaoEcho P1

Report No. : CTA26051802104

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	5168.280	5191.640	---	---
		5220	22.920	5208.600	5231.520	---	---
		5240	25.240	5227.200	5252.440	---	---
		5745	23.920	5732.600	5756.520	---	---
		5785	24.560	5772.840	5797.400	---	---
		5825	24.840	5812.600	5837.440	---	---
11N20SISO	Ant1	5180	24.120	5168.000	5192.120	---	---
		5220	23.880	5207.840	5231.720	---	---
		5240	24.120	5228.040	5252.160	---	---
		5745	24.760	5732.640	5757.400	---	---
		5785	24.000	5772.920	5796.920	---	---
		5825	24.520	5812.920	5837.440	---	---
11N40SISO	Ant1	5190	43.200	5168.960	5212.160	---	---
		5230	44.240	5208.080	5252.320	---	---
		5755	44.800	5733.480	5778.280	---	---
		5795	45.040	5773.160	5818.200	---	---
11AC20SISO	Ant1	5180	23.280	5168.680	5191.960	---	---
		5220	22.720	5208.640	5231.360	---	---
		5240	22.320	5228.800	5251.120	---	---
		5745	24.040	5732.480	5756.520	---	---
		5785	23.600	5773.400	5797.000	---	---
		5825	23.640	5813.400	5837.040	---	---
11AC40SISO	Ant1	5190	42.400	5168.880	5211.280	---	---
		5230	42.080	5209.120	5251.200	---	---
		5755	44.800	5733.160	5777.960	---	---
		5795	44.240	5773.560	5817.800	---	---
11AC80SISO	Ant1	5210	85.760	5167.760	5253.520	---	---
		5775	85.920	5732.440	5818.360	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240

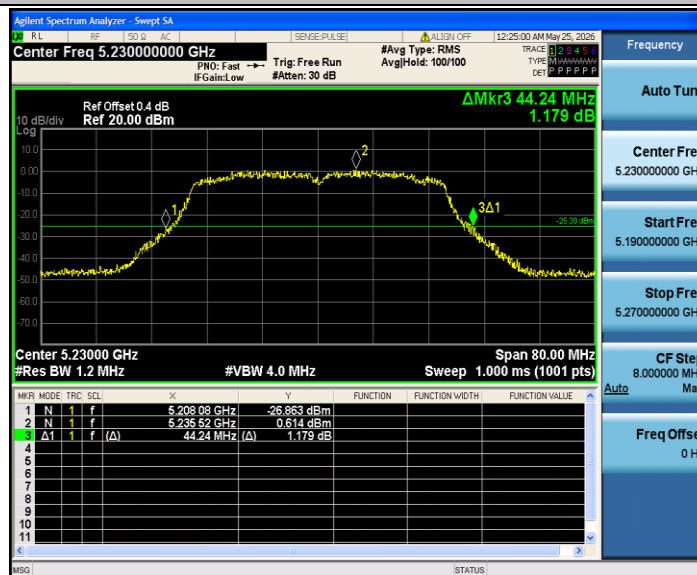


11N20SISO_Ant1_5745

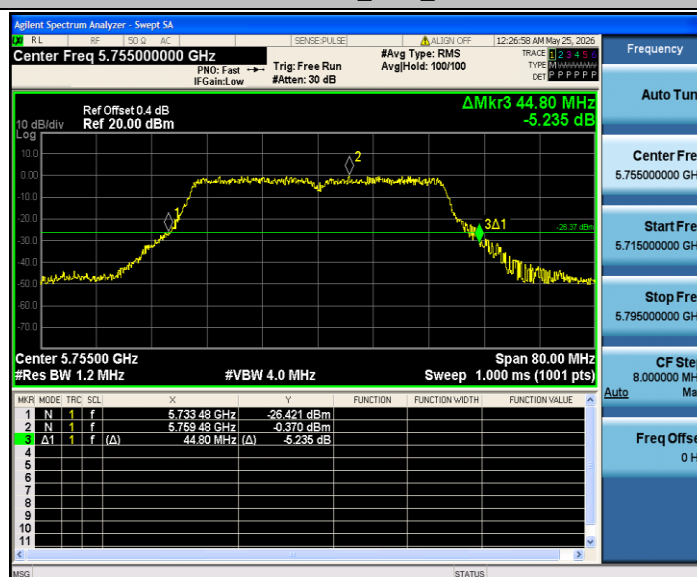




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



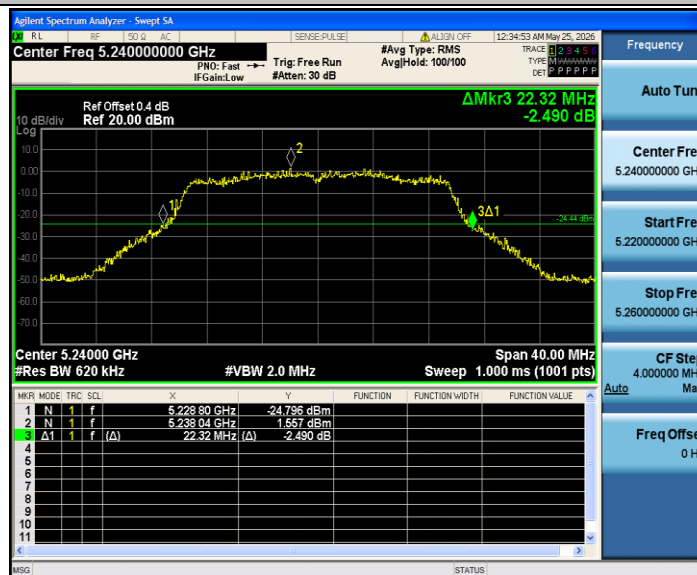
11AC20SISO_Ant1_5180



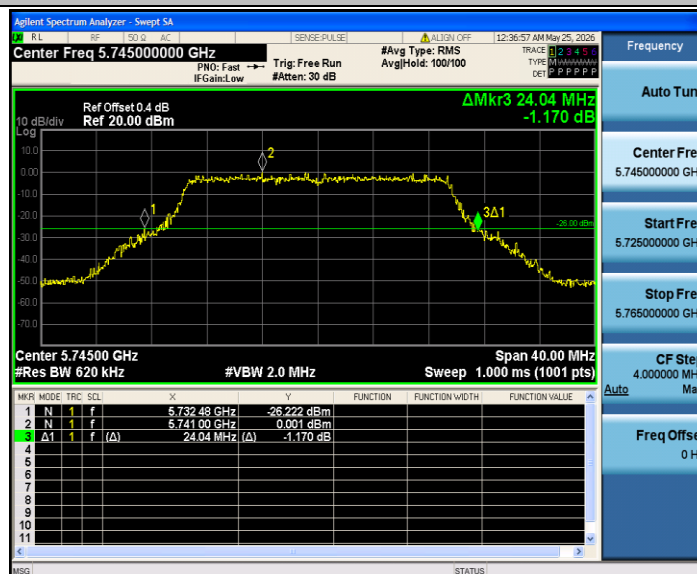
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



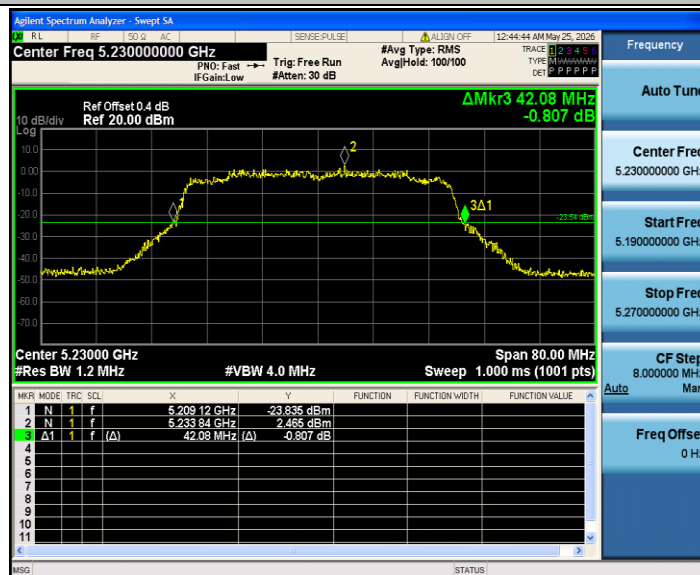
11AC20SISO_Ant1_5825



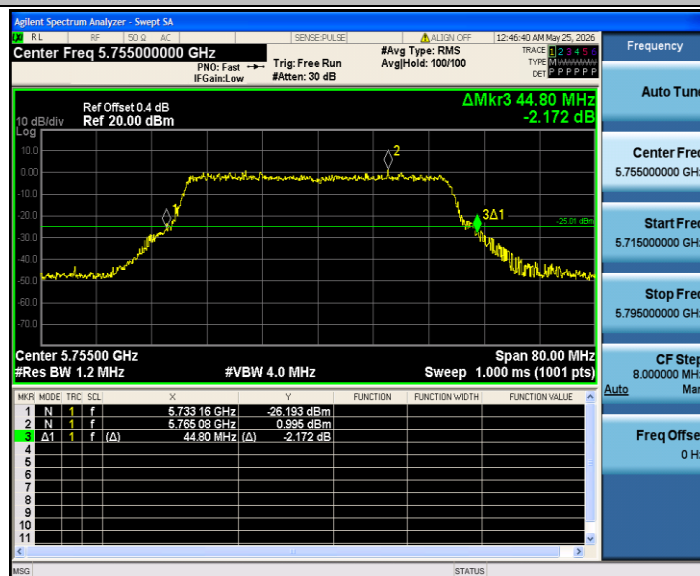
11AC40SISO_Ant1_5190



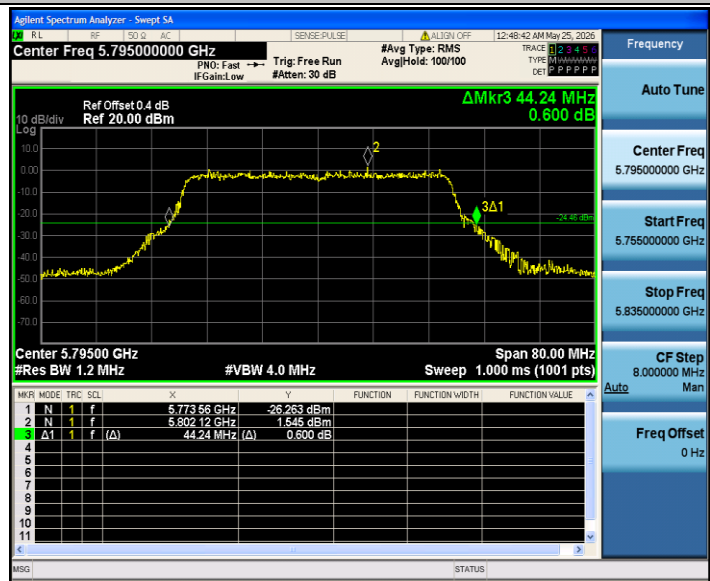
11AC40SISO_Ant1_5230



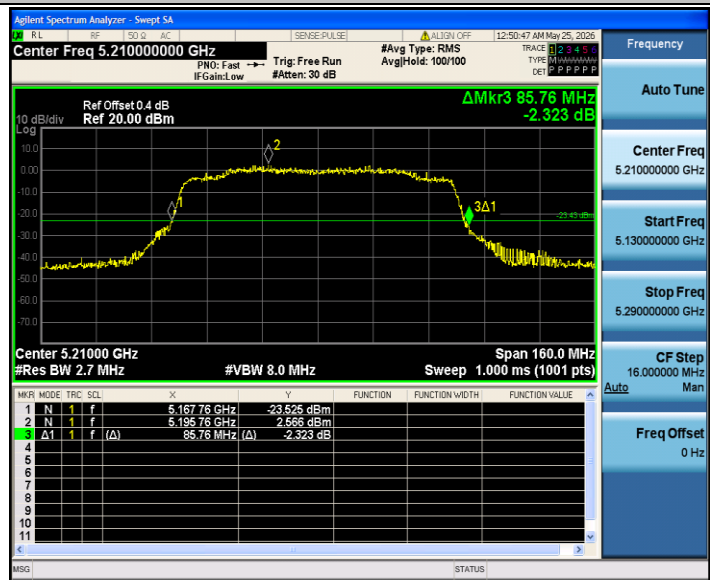
11AC40SISO_Ant1_5755



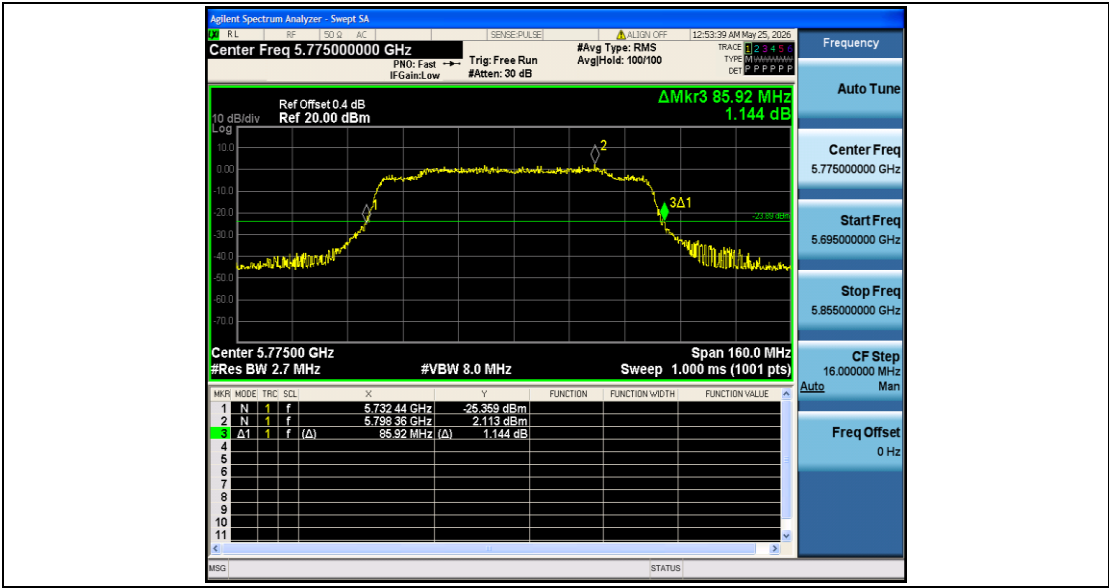
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

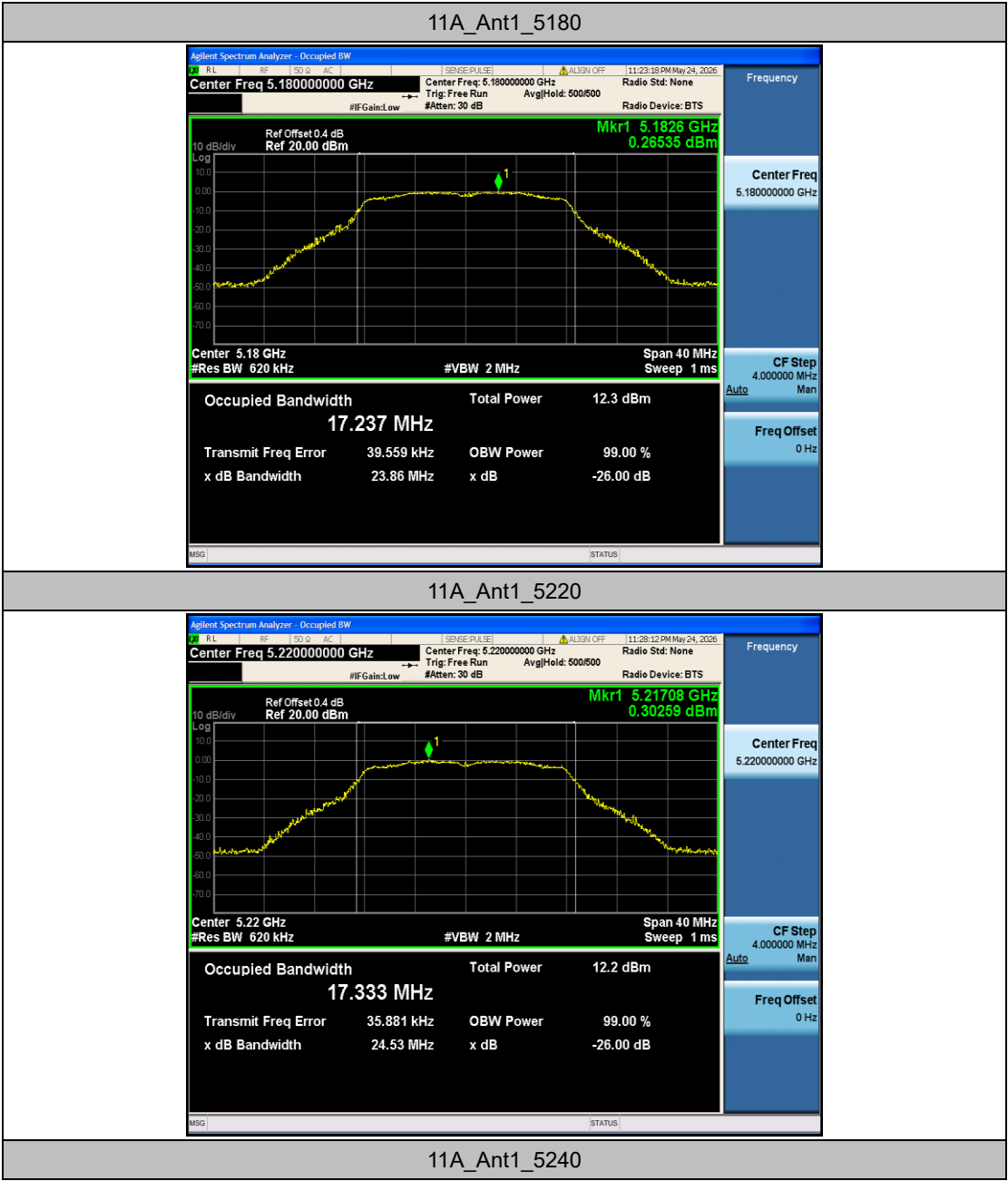


Appendix A2: Occupied channel bandwidth

Test Result

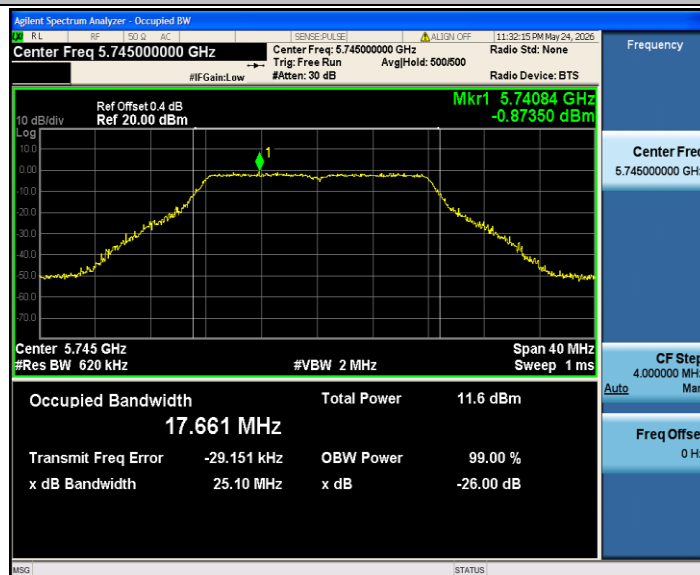
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.237	5171.4211	5188.6581	---	---
		5220	17.333	5211.3694	5228.7024	---	---
		5240	17.246	5231.4298	5248.6758	---	---
		5745	17.661	5736.1404	5753.8014	---	---
		5785	17.590	5776.2286	5793.8186	---	---
		5825	17.643	5816.2066	5833.8496	---	---
11N20SISO	Ant1	5180	18.265	5170.9110	5189.1760	---	---
		5220	18.303	5210.8489	5229.1519	---	---
		5240	18.311	5230.8564	5249.1674	---	---
		5745	18.656	5735.6806	5754.3366	---	---
		5785	18.647	5775.7173	5794.3643	---	---
		5825	18.647	5815.7149	5834.3619	---	---
11N40SISO	Ant1	5190	36.328	5171.8958	5208.2238	---	---
		5230	36.287	5211.9686	5248.2556	---	---
		5755	37.040	5736.6132	5773.6532	---	---
		5795	36.959	5776.6379	5813.5969	---	---
11AC20SISO	Ant1	5180	19.120	5170.5023	5189.6223	---	---
		5220	19.119	5210.4929	5229.6119	---	---
		5240	19.122	5230.4959	5249.6179	---	---
		5745	19.413	5735.3246	5754.7376	---	---
		5785	19.370	5775.3370	5794.7070	---	---
		5825	19.333	5815.3709	5834.7039	---	---
11AC40SISO	Ant1	5190	37.761	5171.1670	5208.9280	---	---
		5230	37.744	5211.2170	5248.9610	---	---
		5755	38.382	5735.9061	5774.2881	---	---
		5795	38.322	5775.9293	5814.2513	---	---
11AC80SISO	Ant1	5210	76.978	5171.6330	5248.6110	---	---
		5775	77.204	5736.6166	5813.8206	---	---

Test Graphs

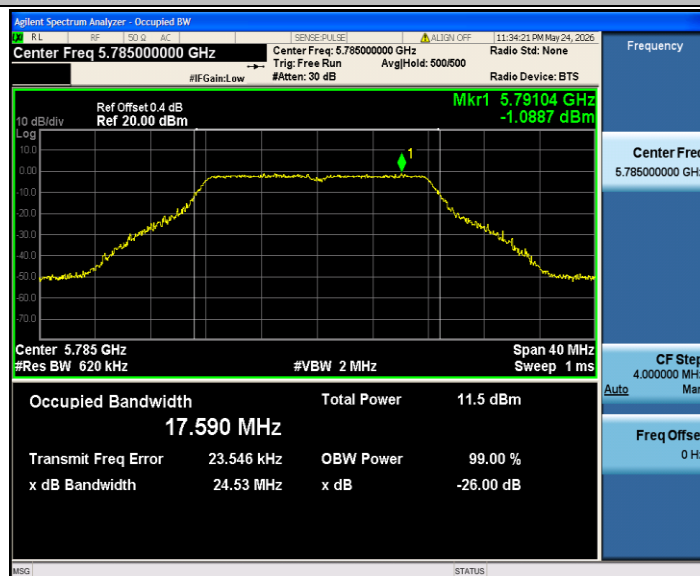




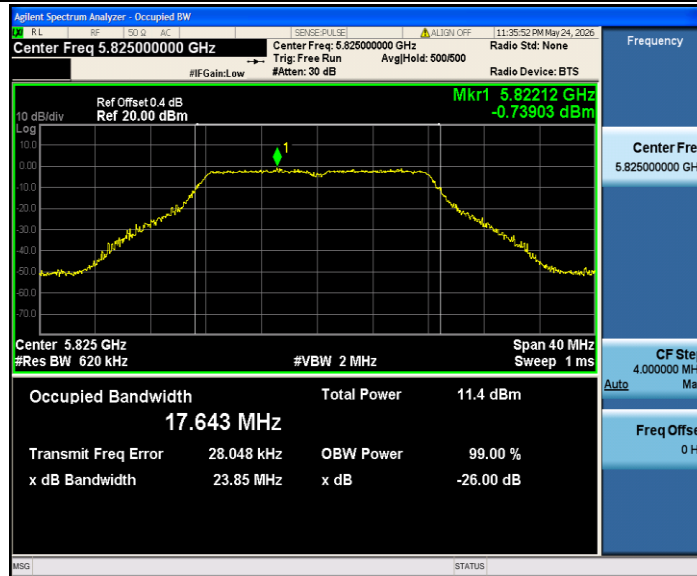
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



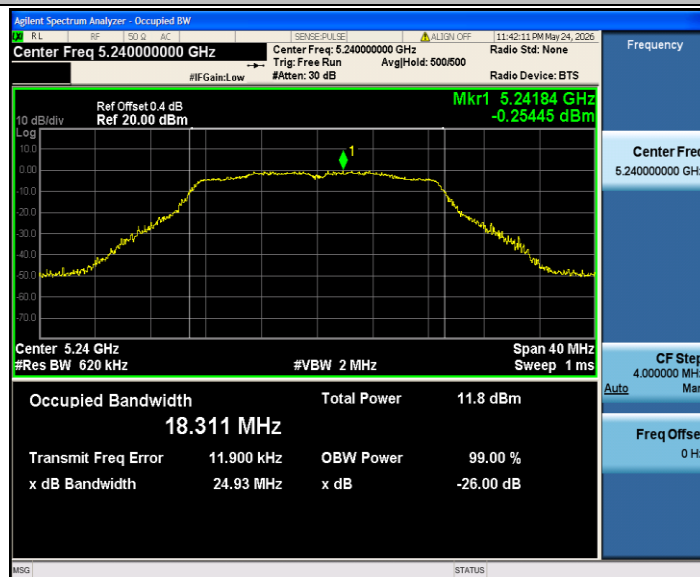
11N20SISO_Ant1_5180



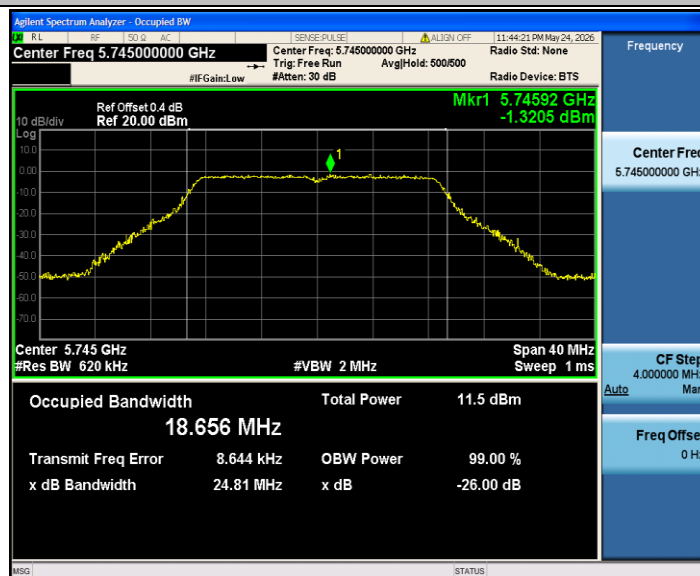
11N20SISO_Ant1_5220



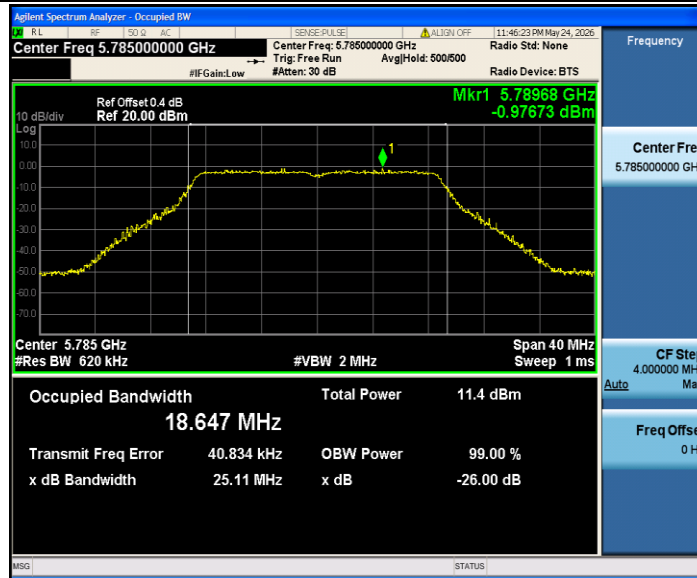
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



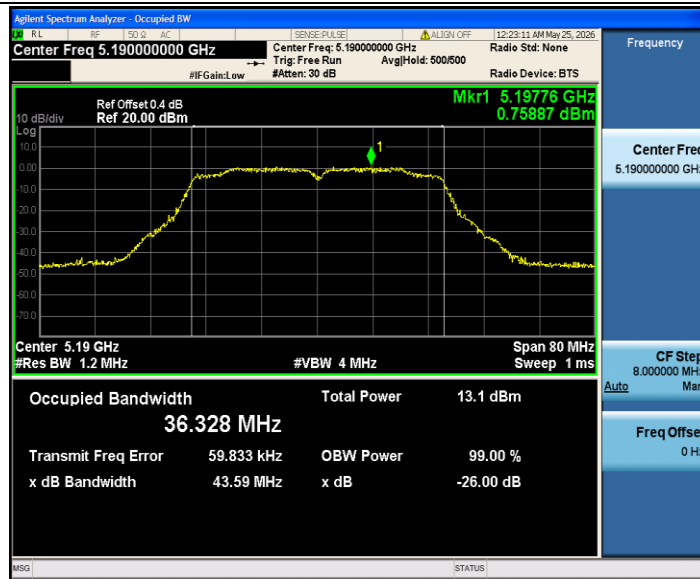
11N20SISO_Ant1_5785



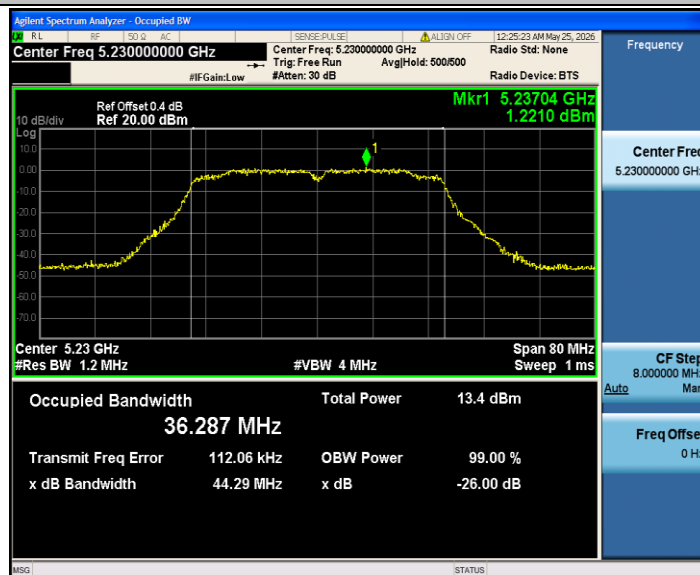
11N20SISO_Ant1_5825



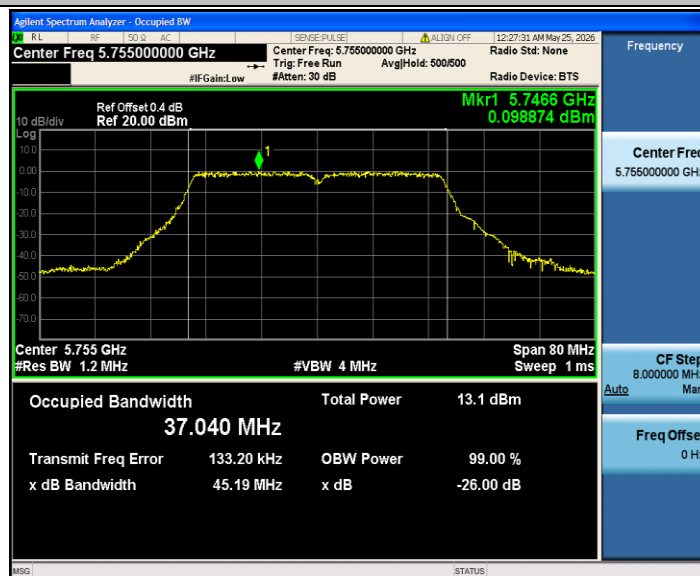
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



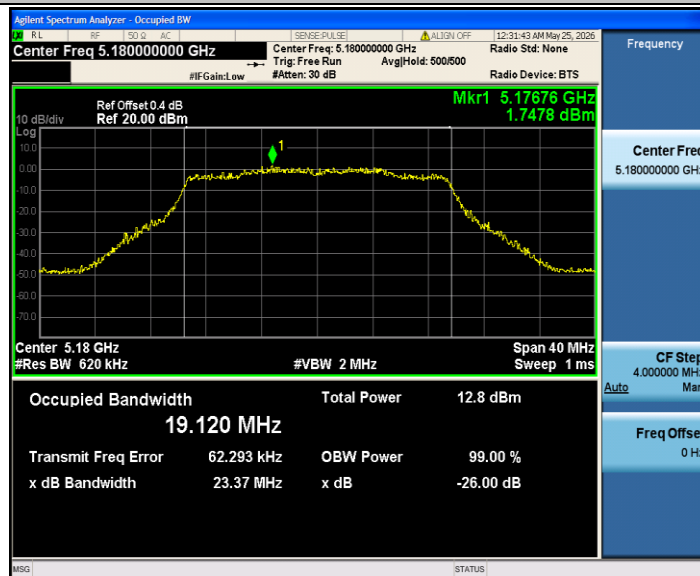
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



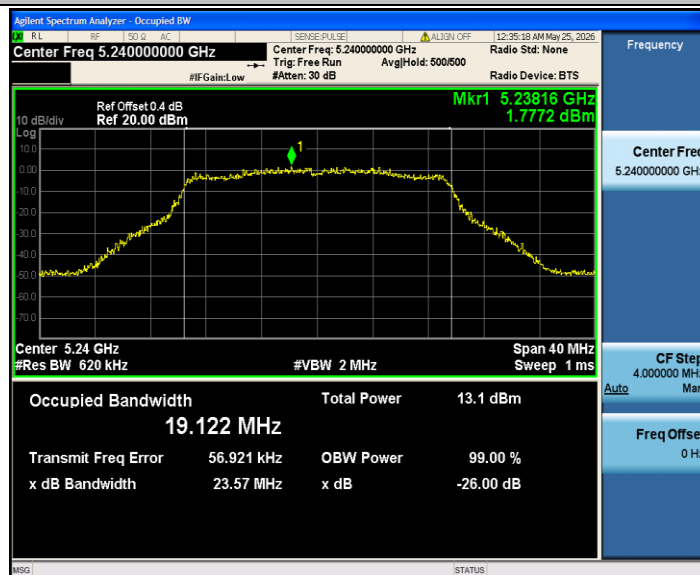
11AC20SISO_Ant1_5180



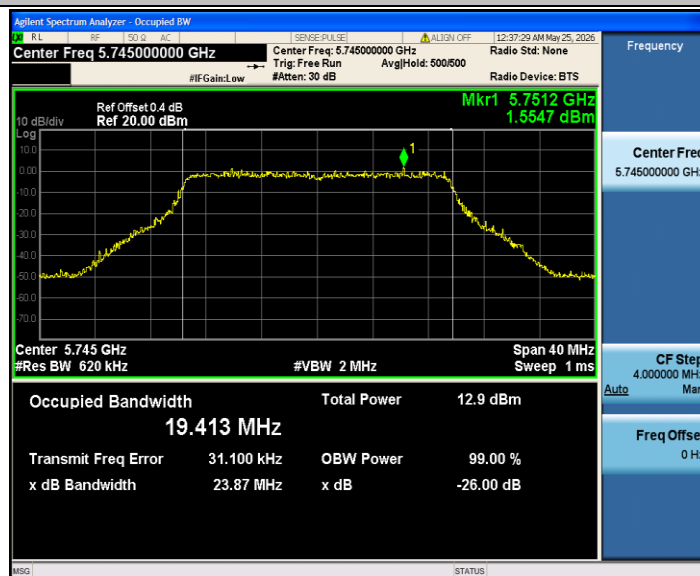
11AC20SISO_Ant1_5220



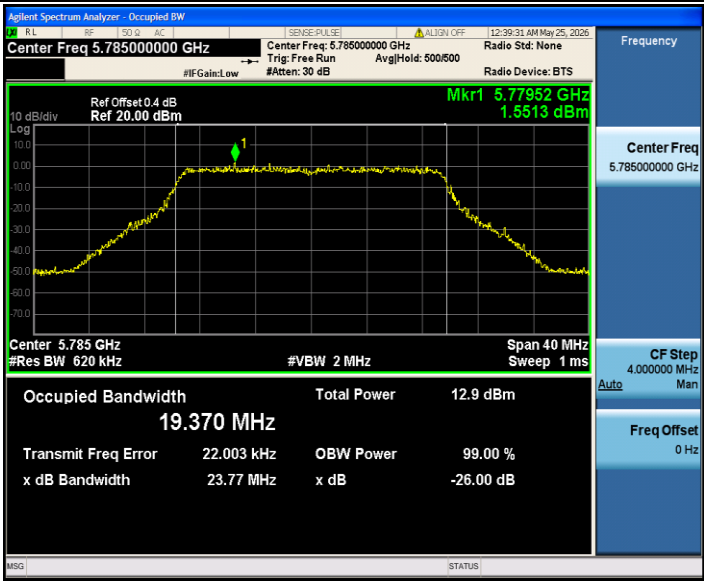
11AC20SISO_Ant1_5240



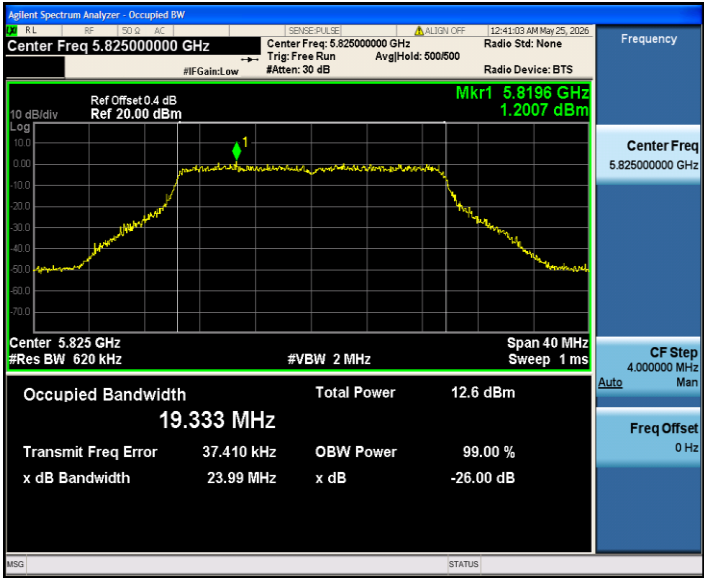
11AC20SISO_Ant1_5745



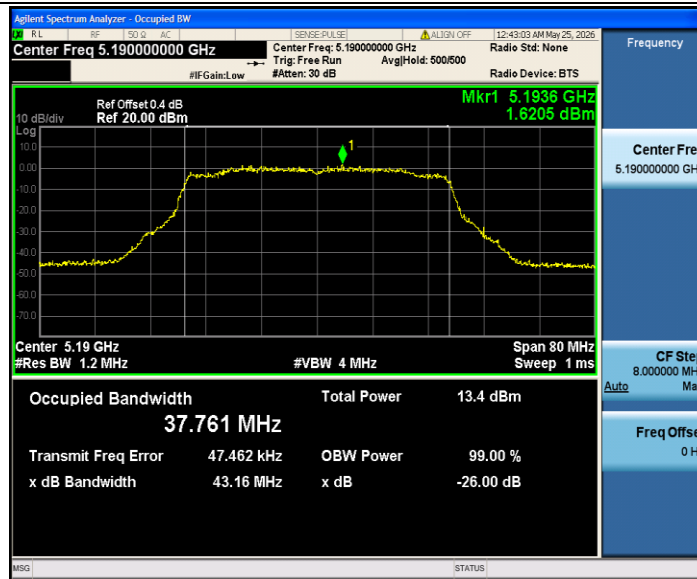
11AC20SISO_Ant1_5785



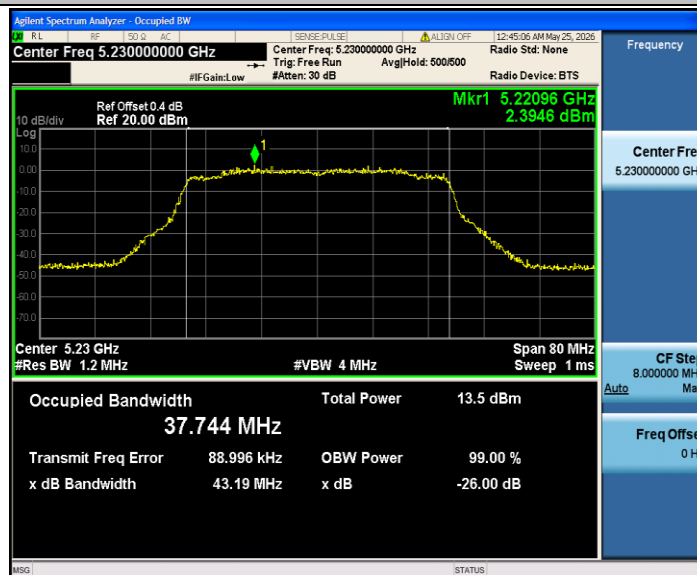
11AC20SISO_Ant1_5825



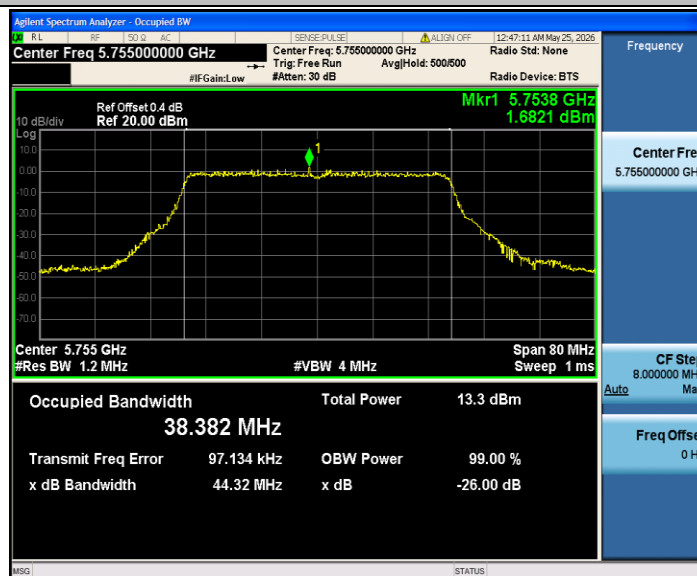
11AC40SISO_Ant1_5190



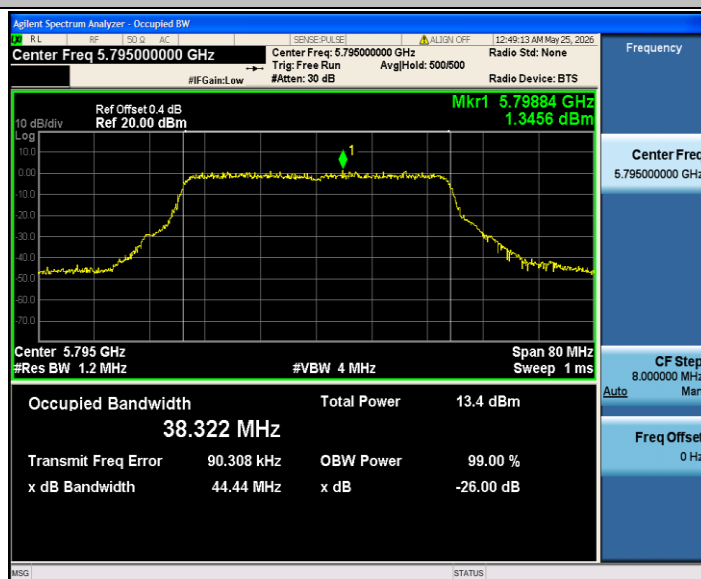
11AC40SISO_Ant1_5230



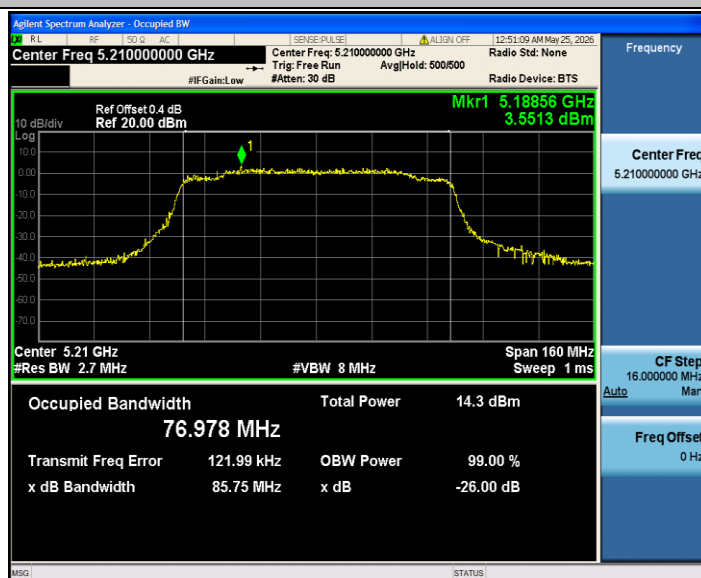
11AC40SISO_Ant1_5755



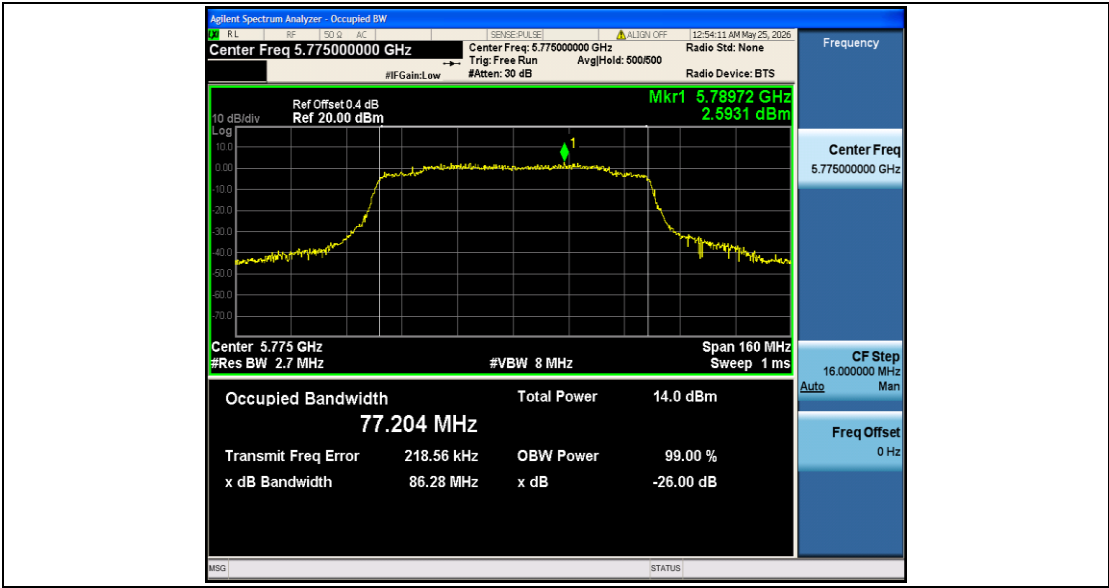
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix A3: Min emission bandwidth

Test Result B4

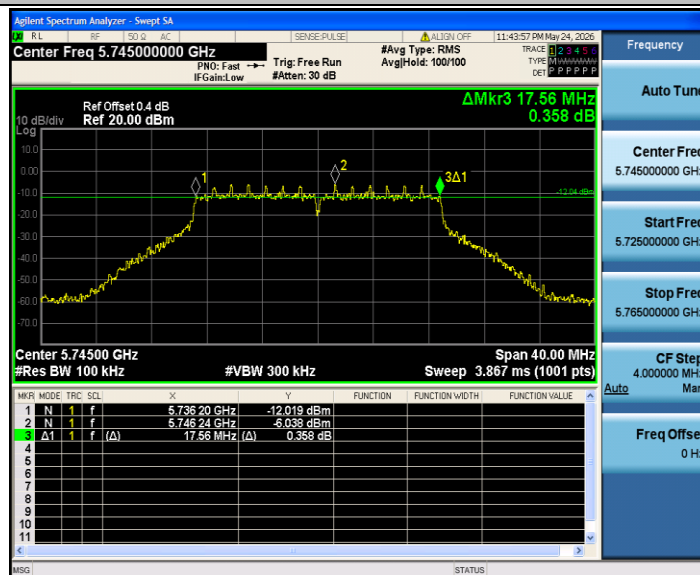
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.280	5816.880	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		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	18.800	5735.600	5754.400	0.5	PASS
		5785	18.240	5775.920	5794.160	0.5	PASS
		5825	18.680	5815.800	5834.480	0.5	PASS
11AC40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.840	5776.120	5813.960	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

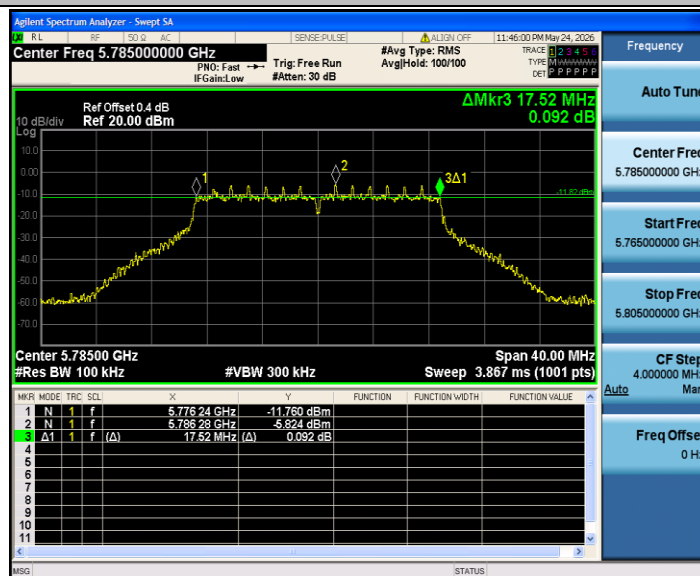


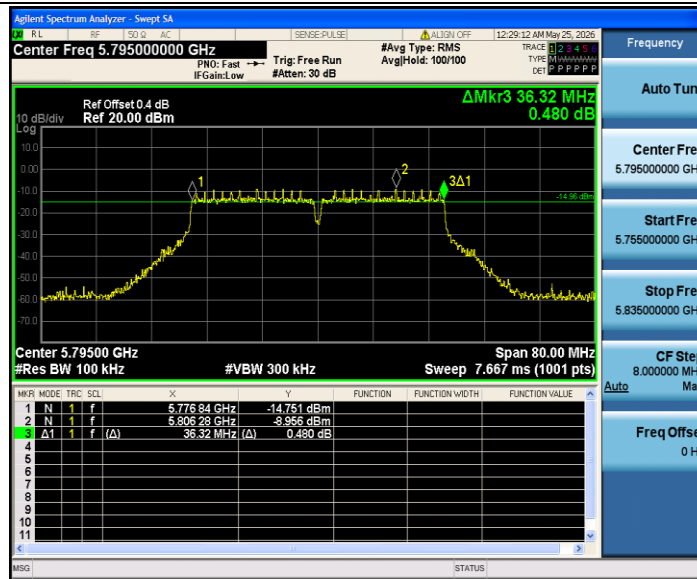


11N20SISO_Ant1_5745

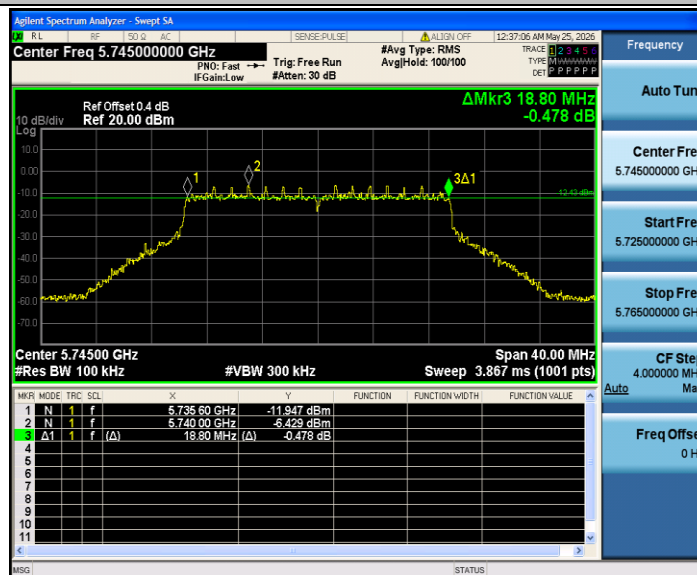


11N20SISO_Ant1_5785





11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

