

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BW3U-MS-8-CM5-B

Company : MYPLAYER LTD

EUT : MY TOUCH T8

Model Number : MS-8-CM5-B

Report No. : CTA26072901204

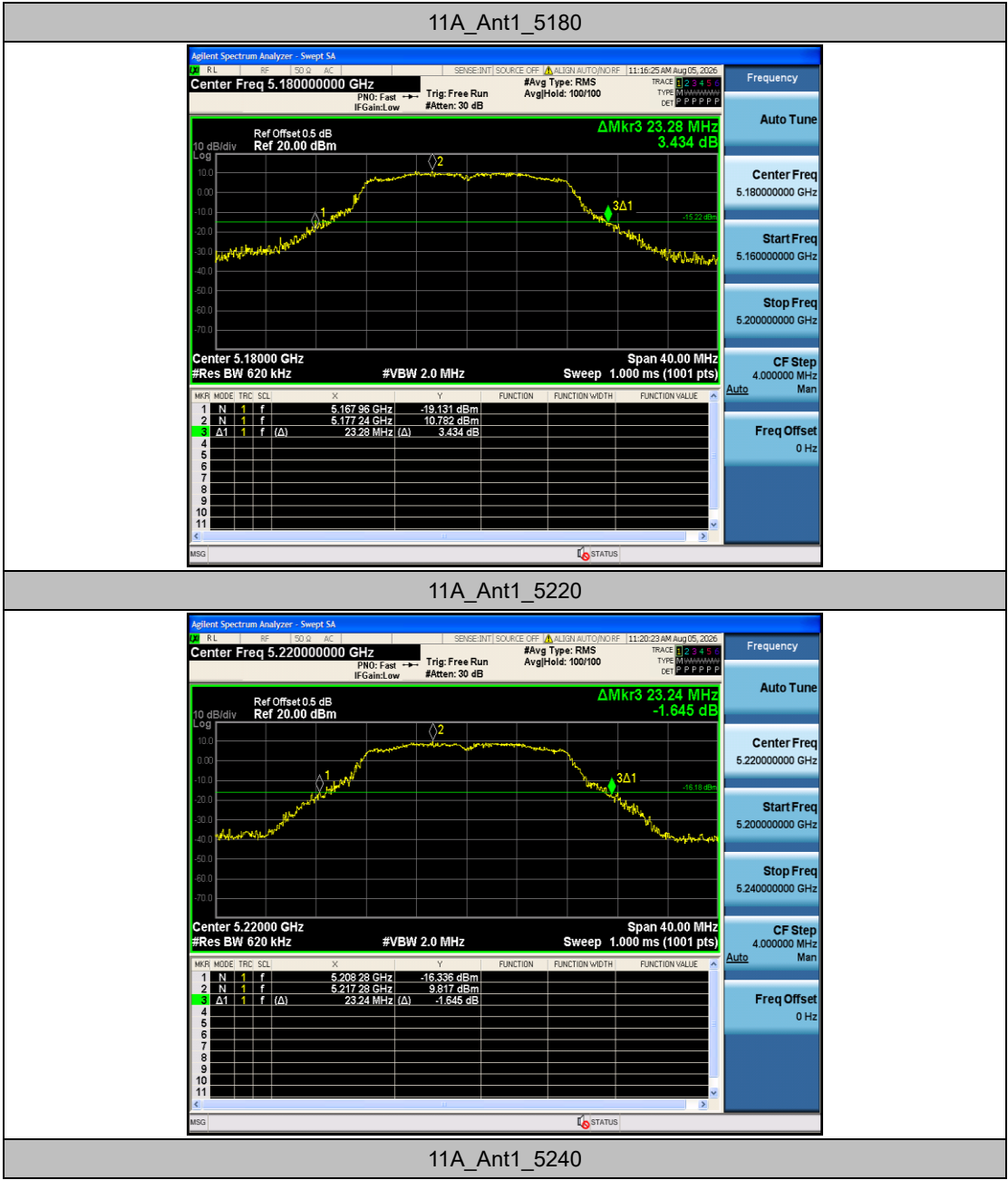
Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.280	5167.960	5191.240	---	---
		5220	23.240	5208.280	5231.520	---	---
		5240	23.000	5228.600	5251.600	---	---
		5745	24.720	5732.360	5757.080	---	---
		5785	24.280	5772.720	5797.000	---	---
		5825	23.800	5812.960	5836.760	---	---
11N20SISO	Ant1	5180	23.480	5167.800	5191.280	---	---
		5220	23.840	5208.080	5231.920	---	---
		5240	23.640	5227.920	5251.560	---	---
		5745	24.440	5732.840	5757.280	---	---
		5785	24.560	5772.640	5797.200	---	---
		5825	24.560	5811.840	5836.400	---	---
11N40SISO	Ant1	5190	43.200	5168.240	5211.440	---	---
		5230	42.400	5208.960	5251.360	---	---
		5755	44.880	5733.080	5777.960	---	---
		5795	44.000	5773.480	5817.480	---	---
11AC20SISO	Ant1	5180	23.480	5168.320	5191.800	---	---
		5220	23.160	5208.520	5231.680	---	---
		5240	22.320	5228.800	5251.120	---	---
		5745	24.040	5733.040	5757.080	---	---
		5785	24.080	5772.840	5796.920	---	---
		5825	23.360	5813.280	5836.640	---	---
11AC40SISO	Ant1	5190	42.800	5168.480	5211.280	---	---
		5230	43.040	5208.640	5251.680	---	---
		5755	43.920	5733.480	5777.400	---	---
		5795	43.440	5773.640	5817.080	---	---
11AC80SISO	Ant1	5210	84.640	5167.600	5252.240	---	---
		5775	84.960	5732.760	5817.720	---	---

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



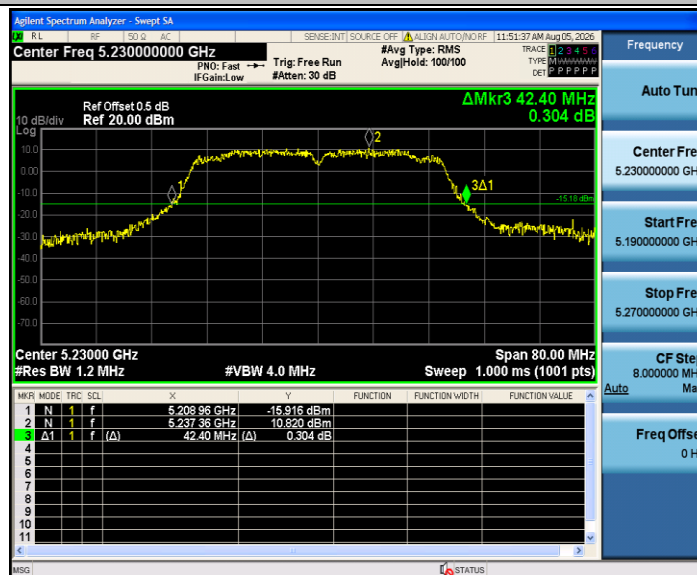
11N20SISO_Ant1_5825



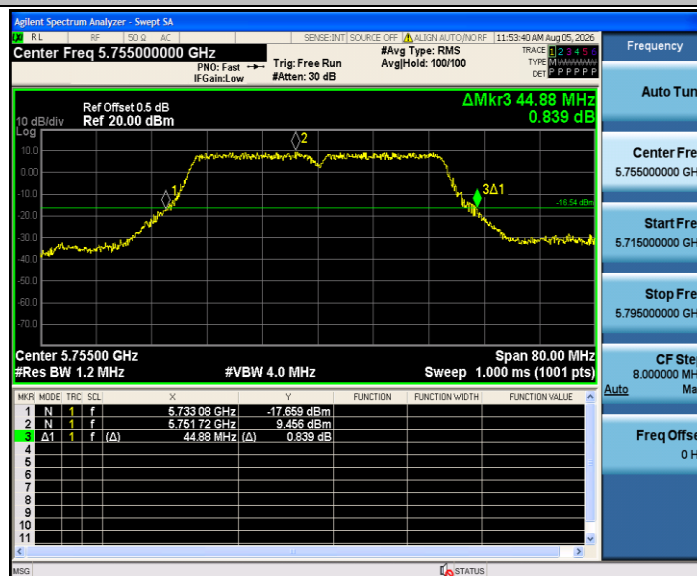
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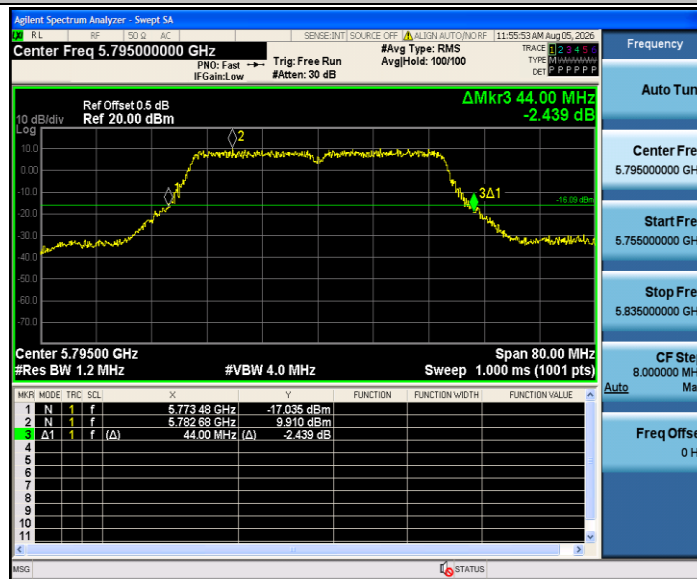
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



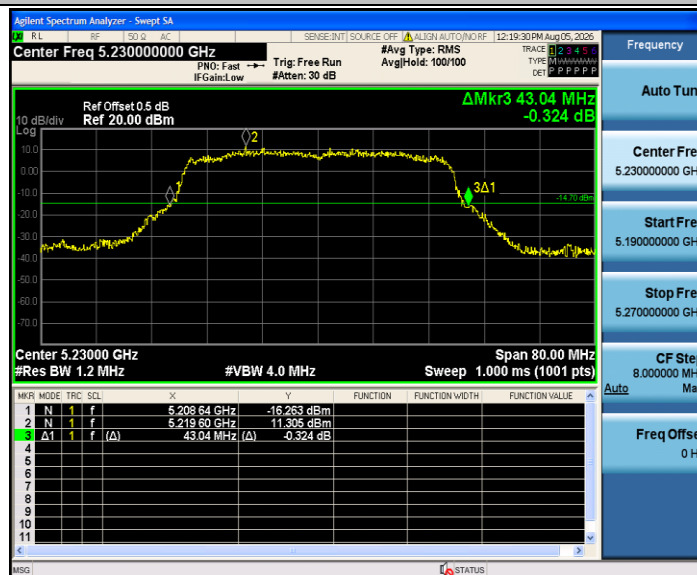
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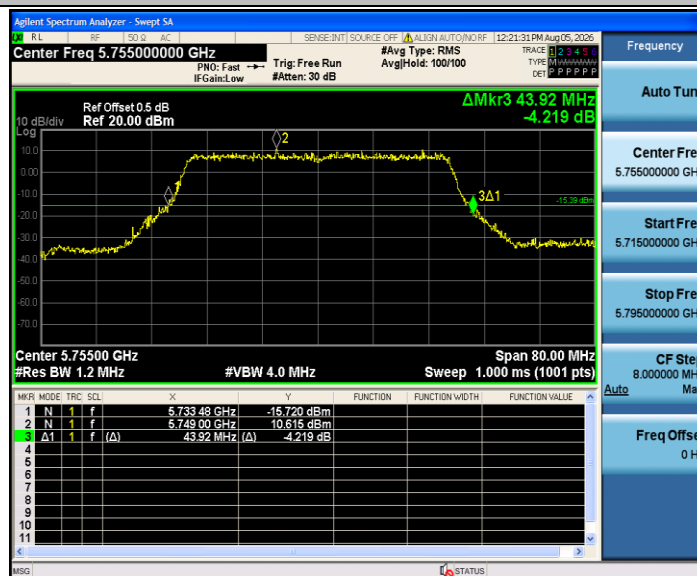
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



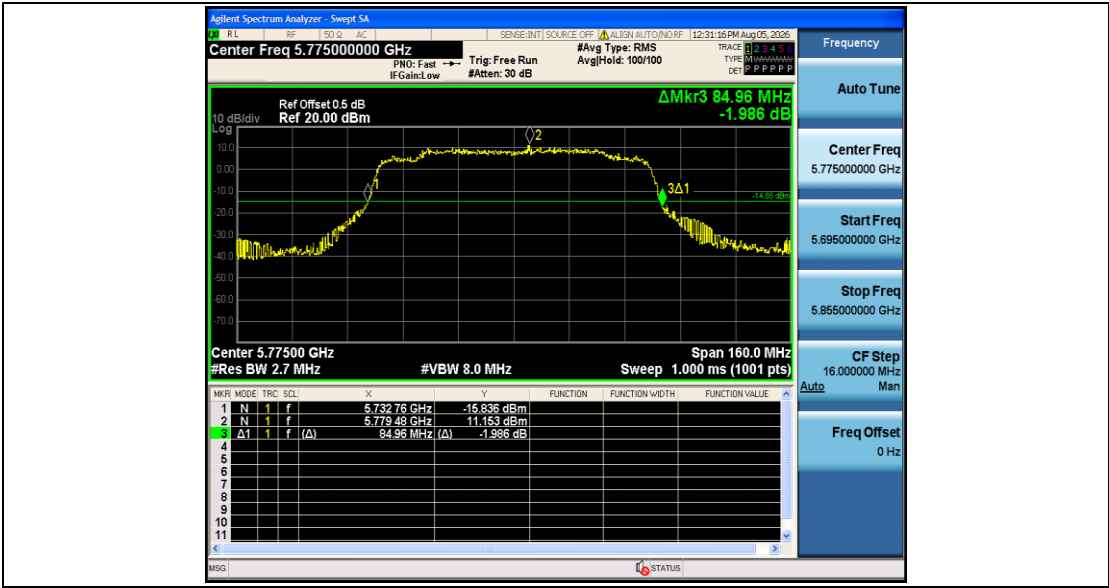
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

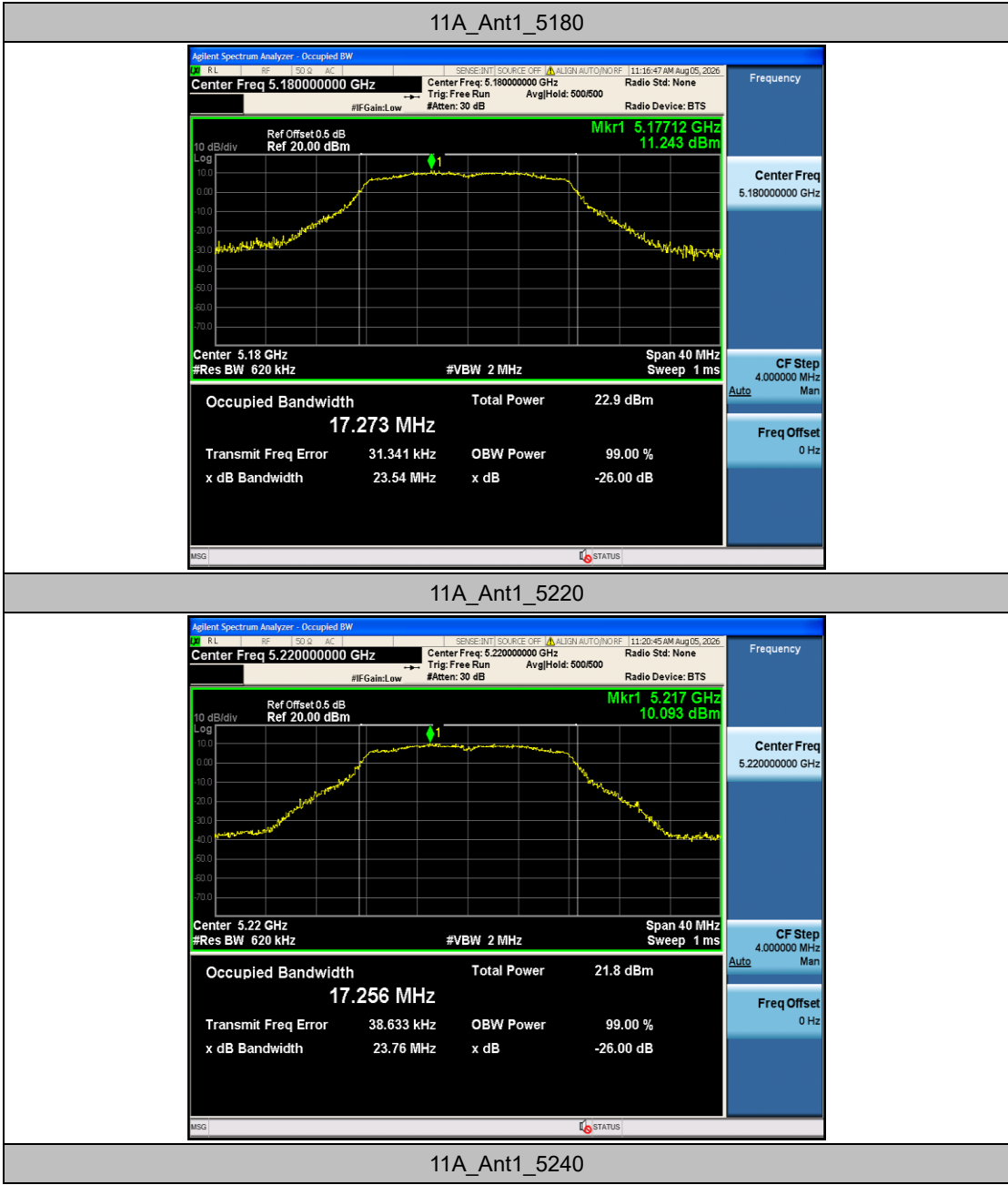


Appendix A2: Occupied channel bandwidth

Test Result

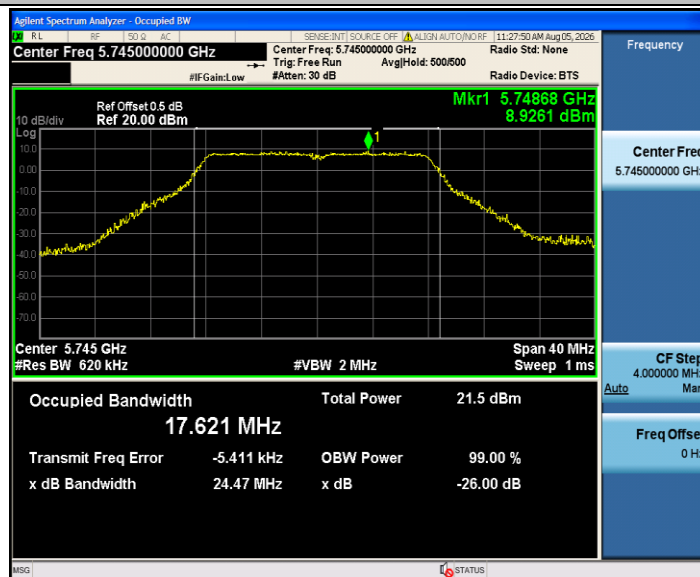
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.273	5171.3948	5188.6678	---	---
		5220	17.256	5211.4106	5228.6666	---	---
		5240	17.175	5231.3894	5248.5644	---	---
		5745	17.621	5736.1841	5753.8051	---	---
		5785	17.671	5776.1811	5793.8521	---	---
		5825	17.628	5816.1586	5833.7866	---	---
11N20SISO	Ant1	5180	18.238	5170.8789	5189.1169	---	---
		5220	18.245	5210.8759	5229.1209	---	---
		5240	18.248	5230.8664	5249.1144	---	---
		5745	18.638	5735.6690	5754.3070	---	---
		5785	18.661	5775.6736	5794.3346	---	---
		5825	18.701	5815.6220	5834.3230	---	---
11N40SISO	Ant1	5190	36.365	5171.8870	5208.2520	---	---
		5230	36.342	5211.8862	5248.2282	---	---
		5755	36.991	5736.6039	5773.5949	---	---
		5795	36.906	5776.6580	5813.5640	---	---
11AC20SISO	Ant1	5180	19.055	5170.5162	5189.5712	---	---
		5220	19.130	5210.4470	5229.5770	---	---
		5240	19.063	5230.4894	5249.5524	---	---
		5745	19.379	5735.3386	5754.7176	---	---
		5785	19.426	5775.2763	5794.7023	---	---
		5825	19.443	5815.3011	5834.7441	---	---
11AC40SISO	Ant1	5190	37.731	5171.1911	5208.9221	---	---
		5230	37.798	5211.1294	5248.9274	---	---
		5755	38.293	5735.9499	5774.2429	---	---
		5795	38.286	5775.9597	5814.2457	---	---
11AC80SISO	Ant1	5210	77.106	5171.4905	5248.5965	---	---
		5775	77.028	5736.6530	5813.6810	---	---

Test Graphs

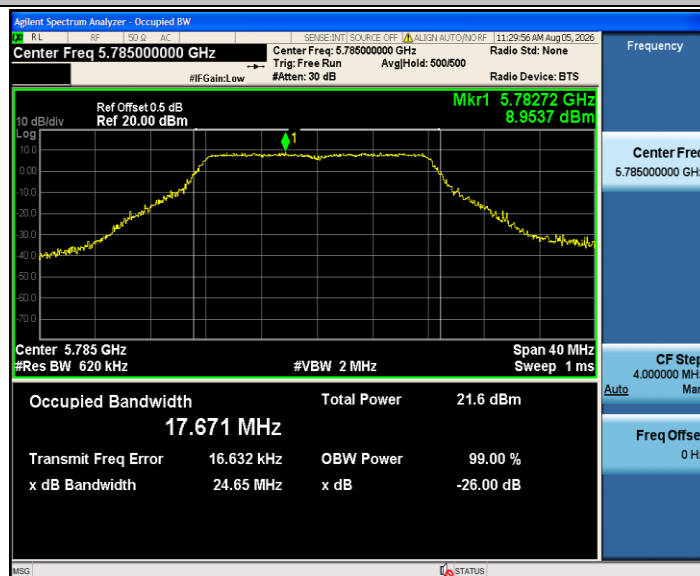




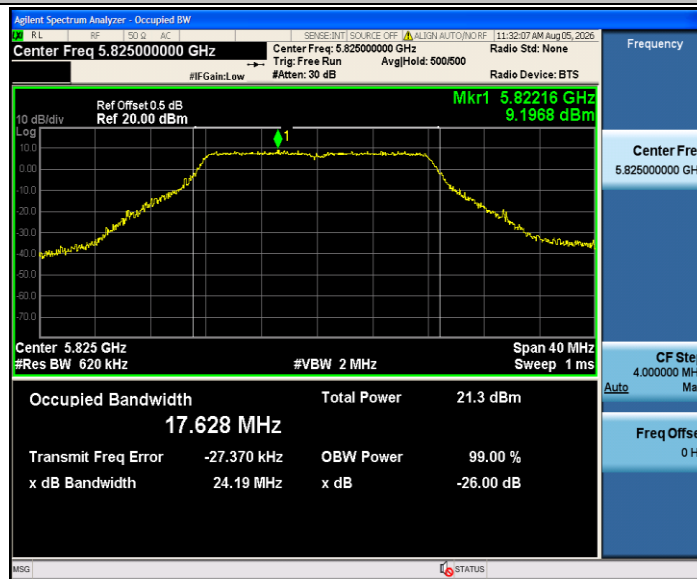
11A_Ant1_5745



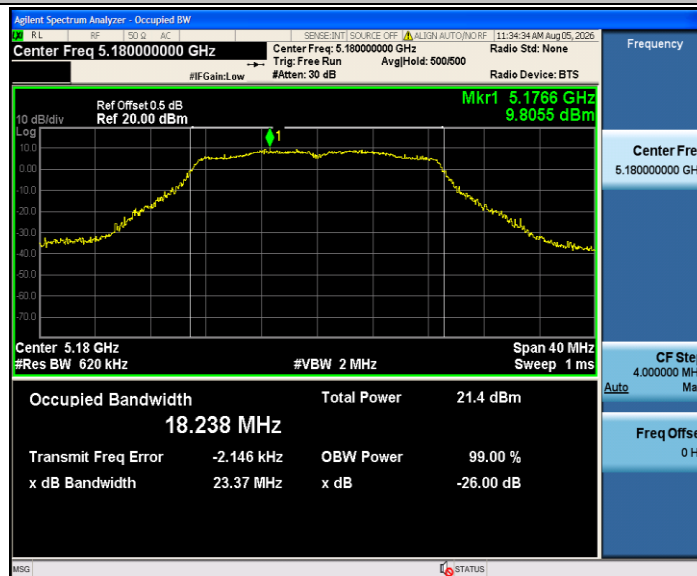
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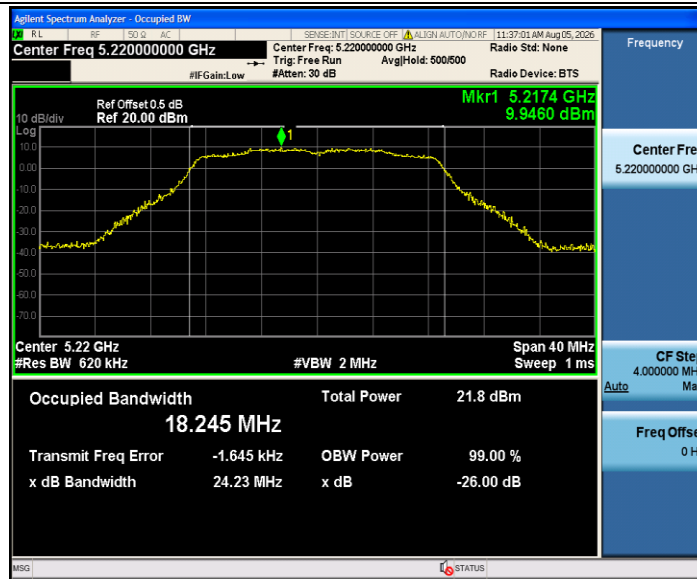
11A_Ant1_5825



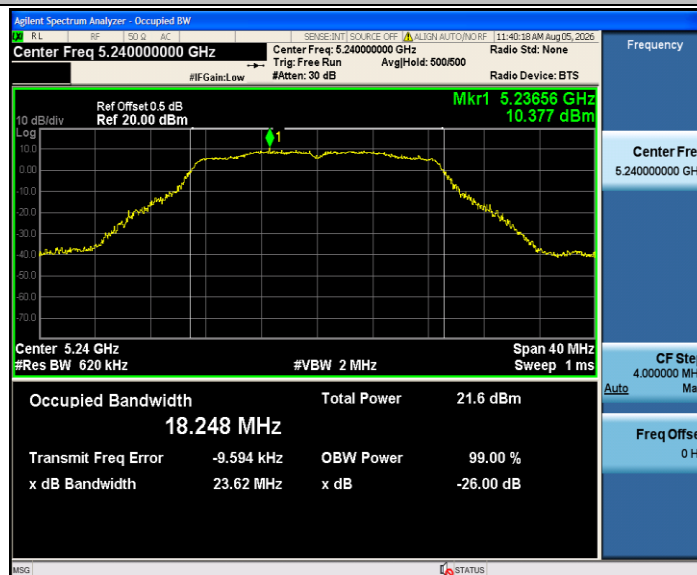
11N20SISO_Ant1_5180



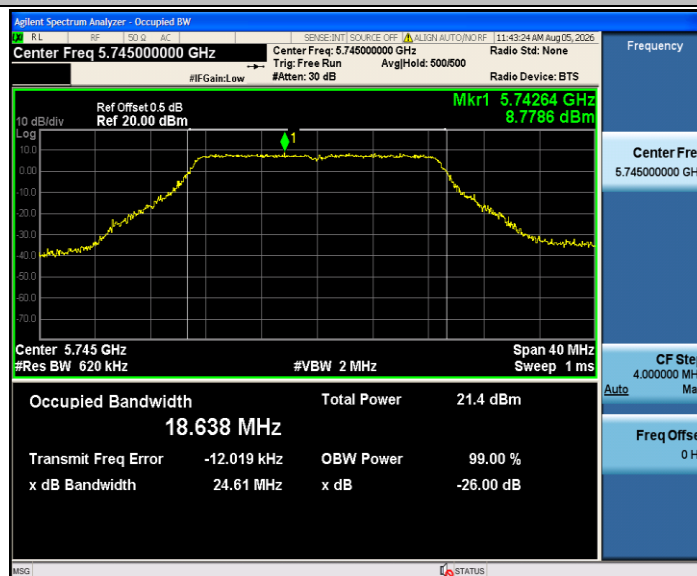
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



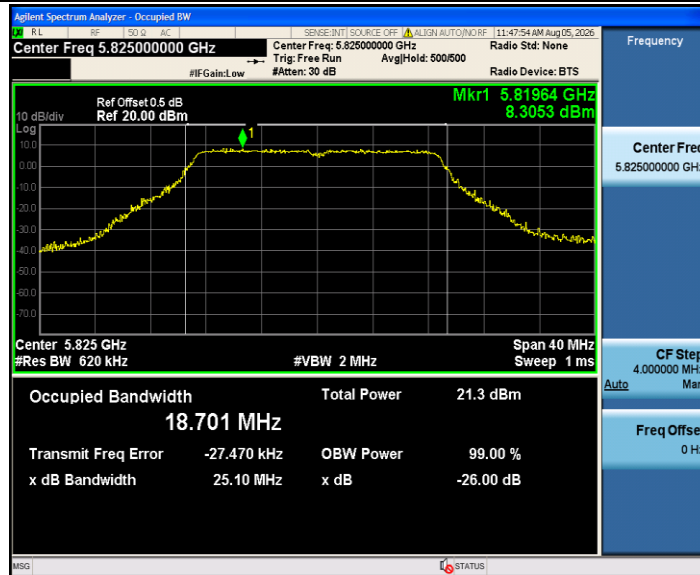
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



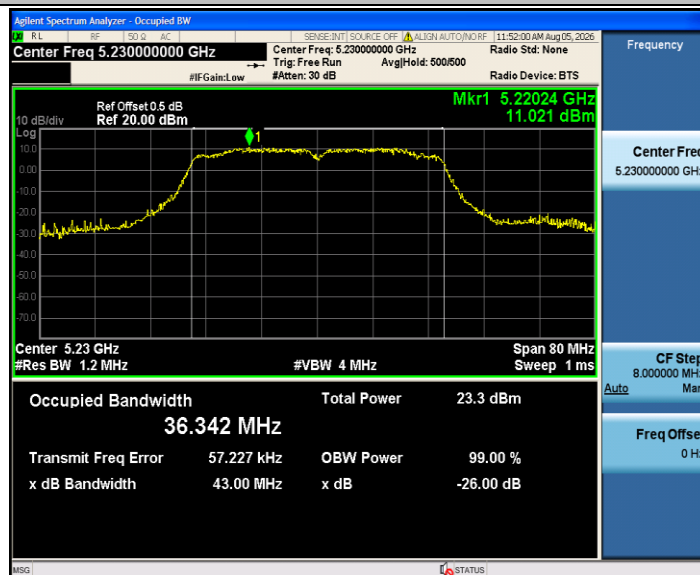
11N20SISO_Ant1_5825



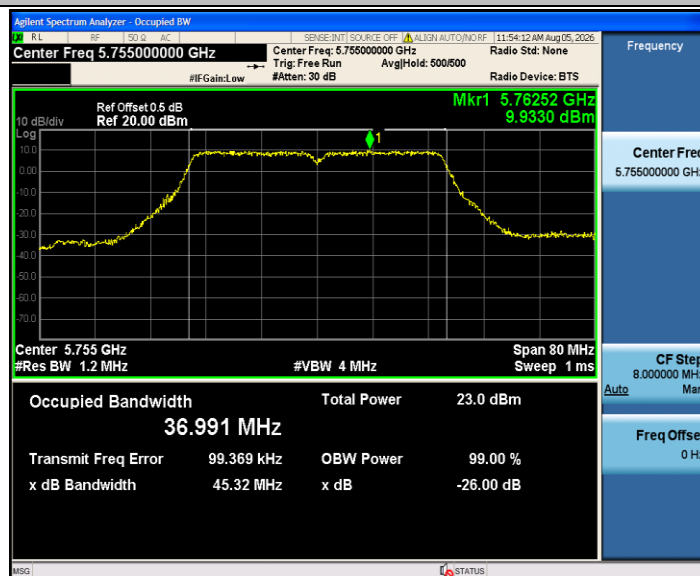
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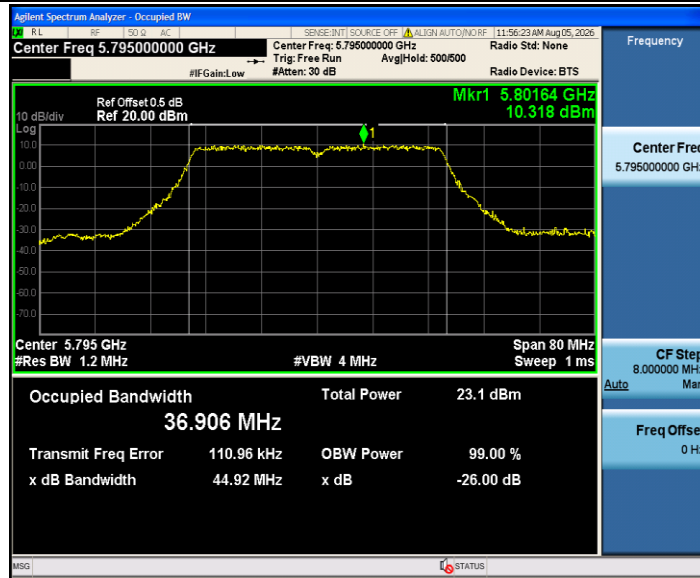
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



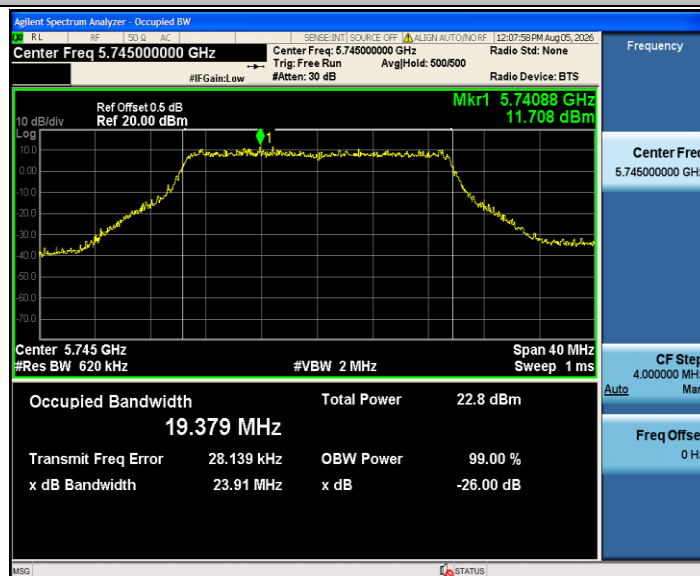
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11AC20SISO_Ant1_5240



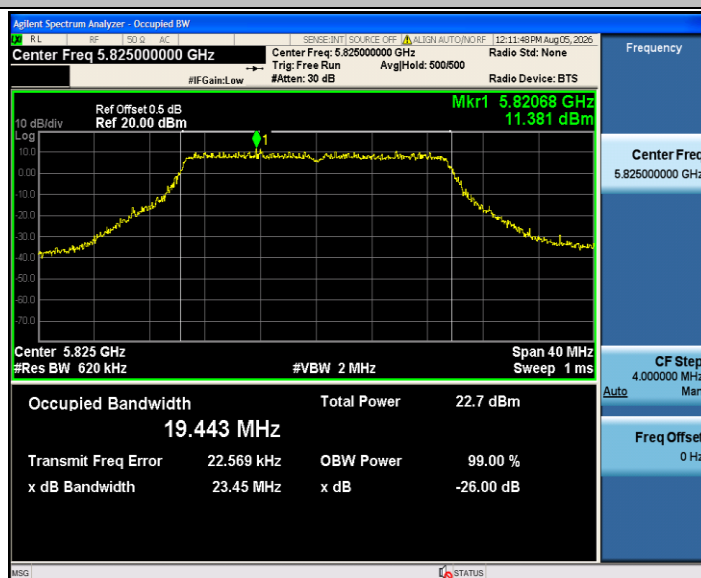
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



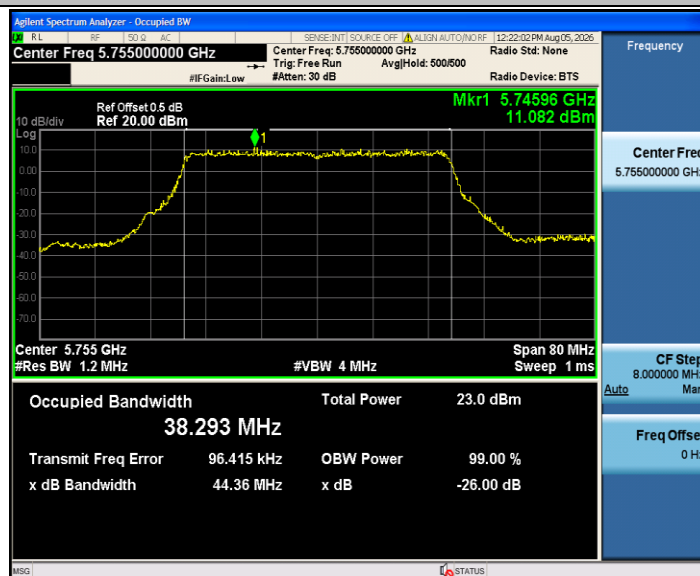
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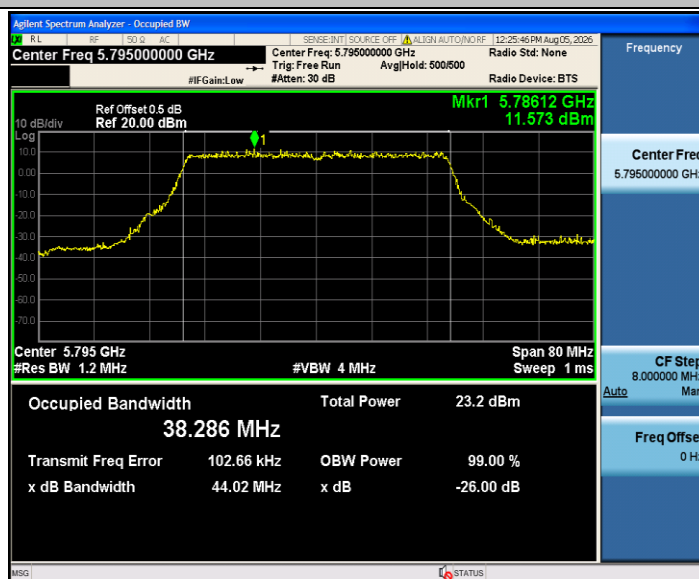
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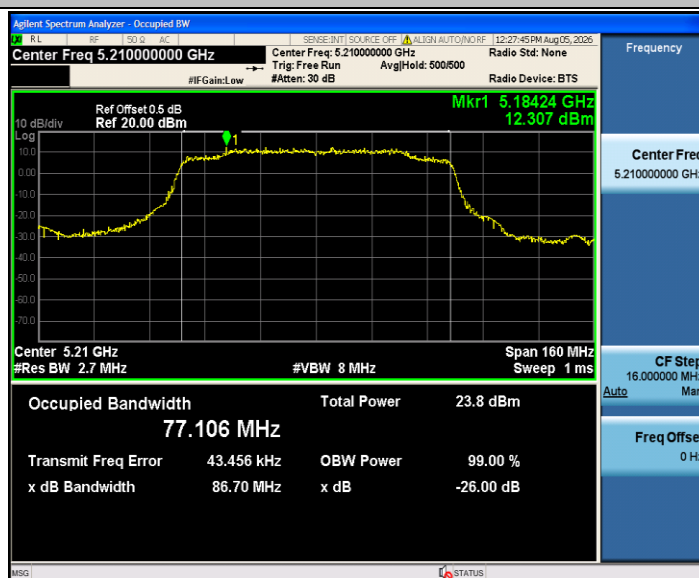
11AC40SISO_Ant1_5755



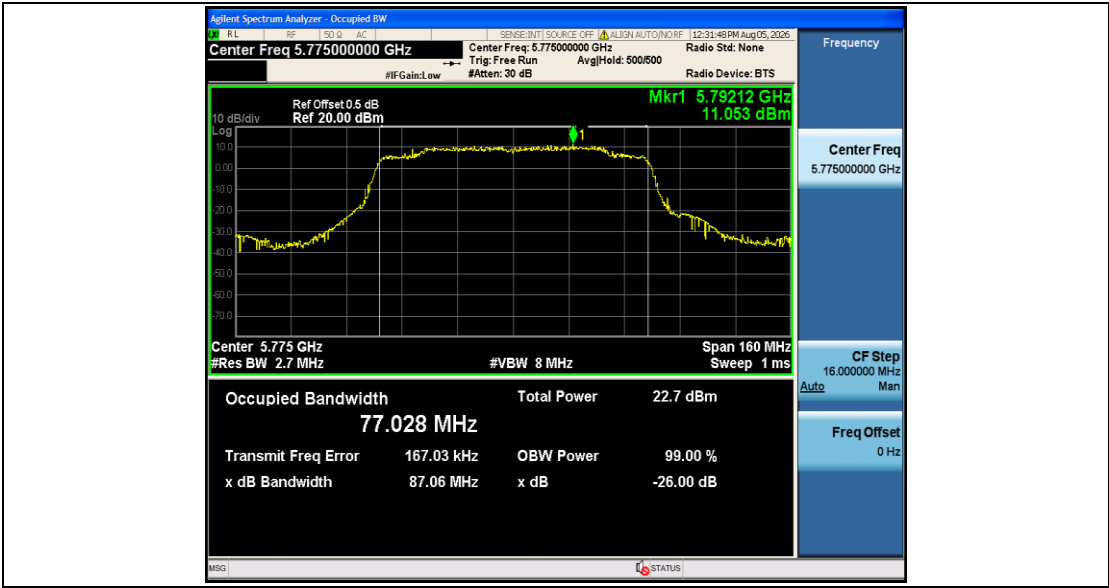
11AC40SISO_Ant1_5795



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	5736.200	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	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.400	5735.640	5754.040	0.5	PASS
		5785	18.760	5775.720	5794.480	0.5	PASS
		5825	18.720	5815.640	5834.360	0.5	PASS
11AC40SISO	Ant1	5755	37.600	5736.280	5773.880	0.5	PASS
		5795	37.840	5776.120	5813.960	0.5	PASS
11AC80SISO	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS

11A_Ant1_5745

Agilent Spectrum Analyzer - Sweep SA
 Center Freq 5.745000000 GHz
 Ref Offset 0.5 dB
 Ref 20.00 dBm
 Span 40.00 MHz
 #Res BW 100 kHz
 #VBW 300 kHz
 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	-1.553 dBm			
2	N	1	f	5.745 23 GHz	4.167 dBm			
3	Δ	1	f (Δ)	16.32 MHz (Δ)	0.543 dB			

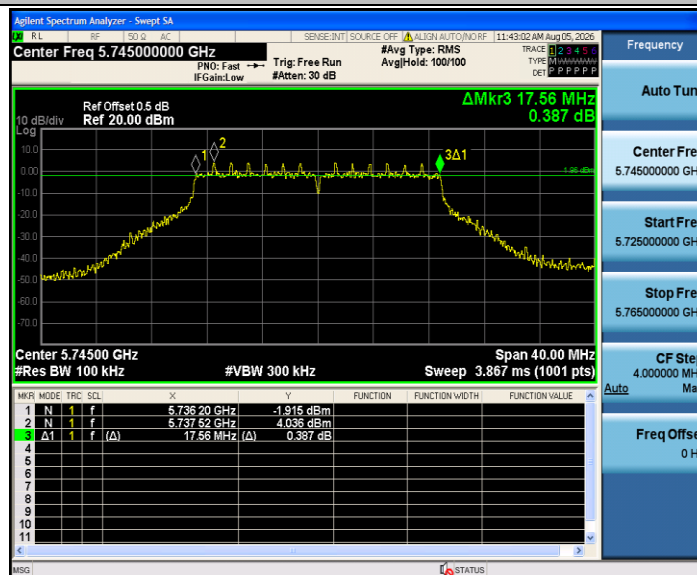
11A_Ant1_5785

Agilent Spectrum Analyzer - Sweep SA
 Center Freq 5.785000000 GHz
 Ref Offset 0.5 dB
 Ref 20.00 dBm
 Span 40.00 MHz
 #Res BW 100 kHz
 #VBW 300 kHz
 Sweep 3.867 ms (1001 pts)

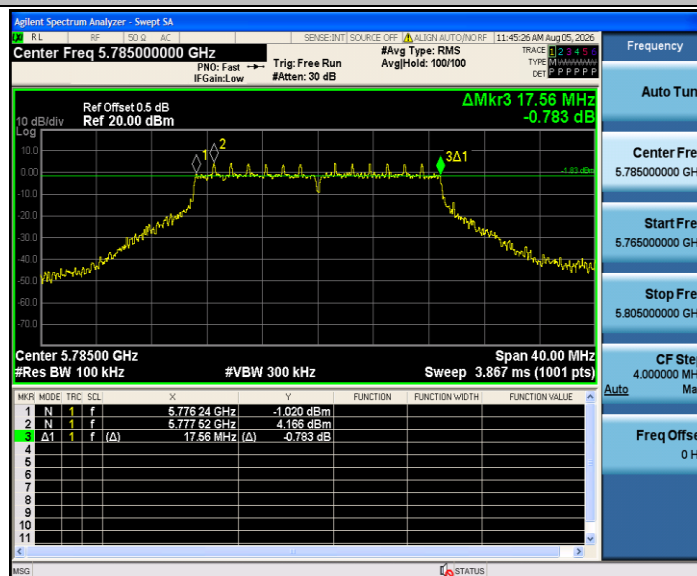
MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.776 84 GHz	-1.022 dBm			
2	N	1	f	5.786 28 GHz	4.114 dBm			
3	Δ	1	f (Δ)	16.32 MHz (Δ)	-0.219 dB			



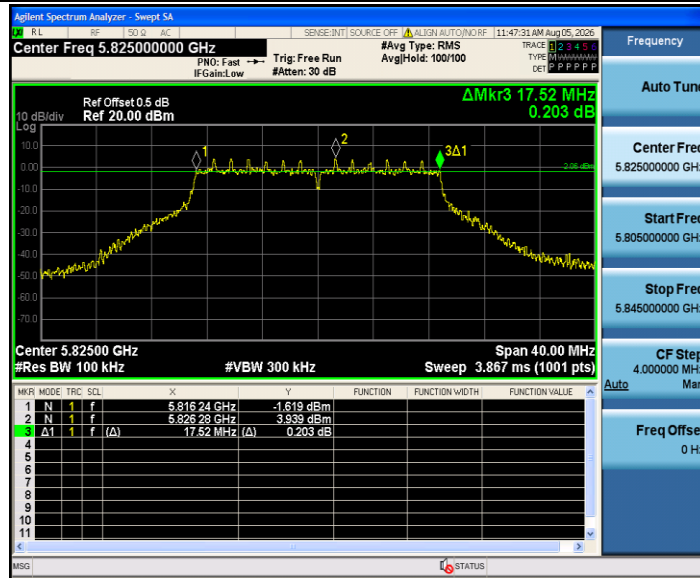
11N20SISO_Ant1_5745



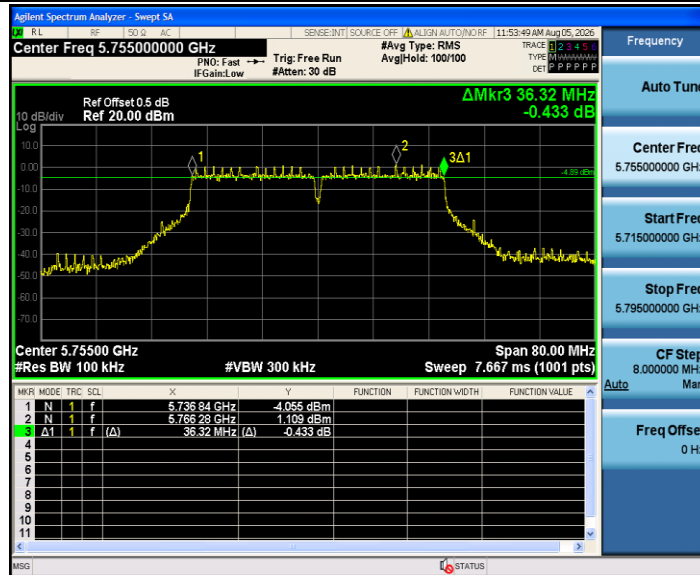
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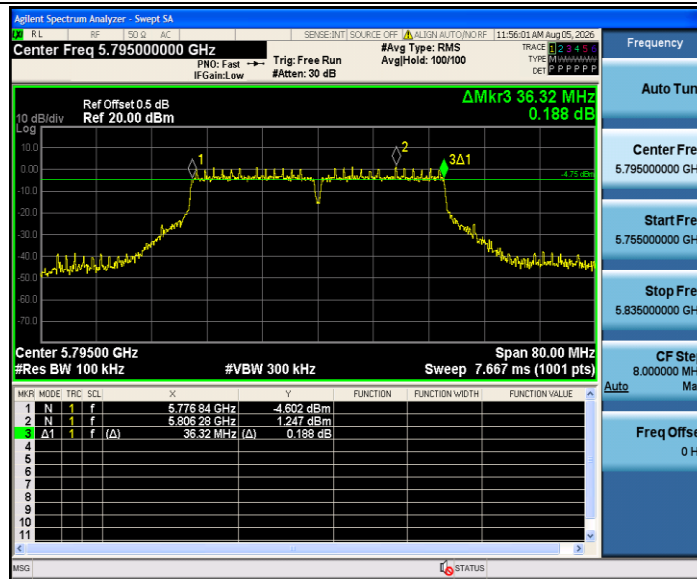
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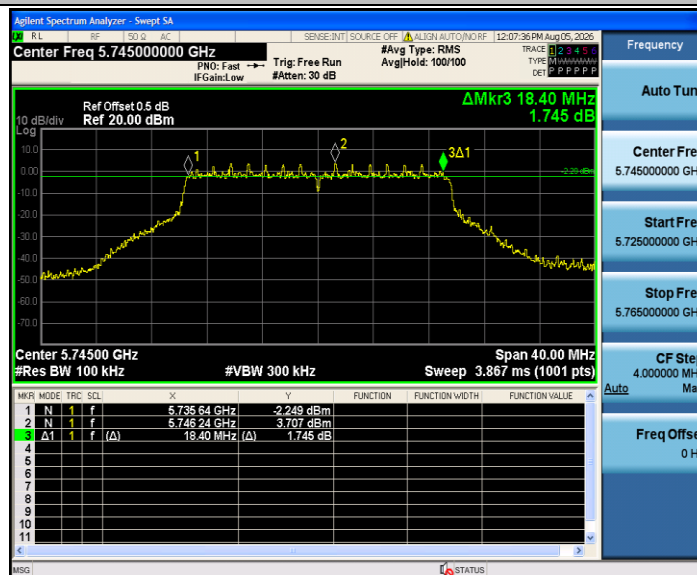
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

