

11N20SISO_Ant2_5785



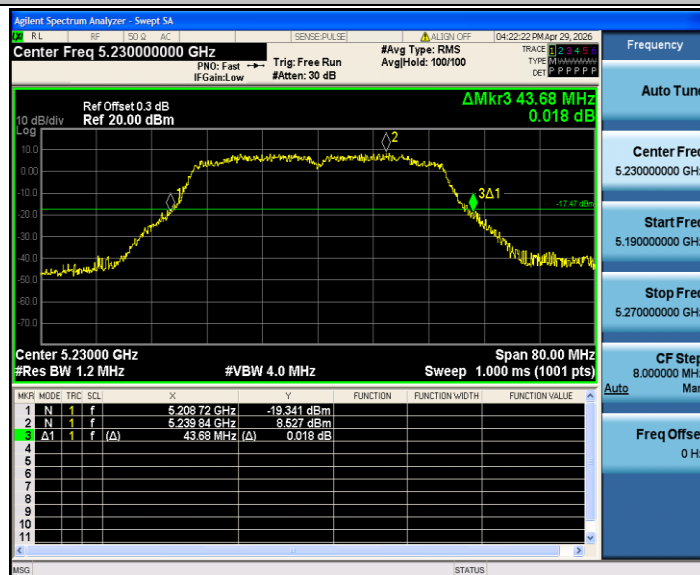
11N20SISO_Ant2_5825



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5220



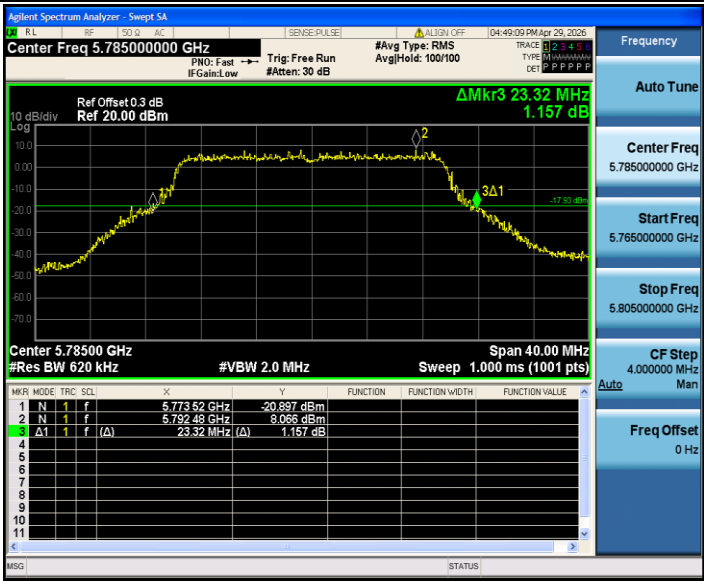
11AC20SISO_Ant2_5240



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



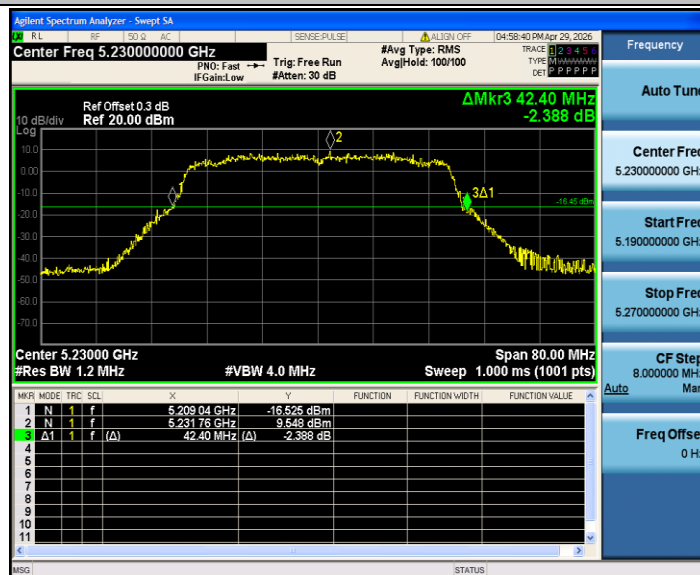
11AC20SISO_Ant2_5825



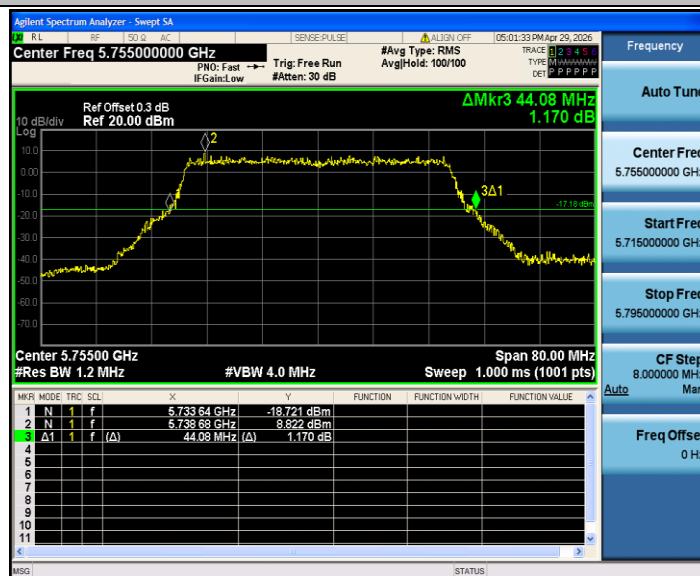
11AC40SISO_Ant2_5190

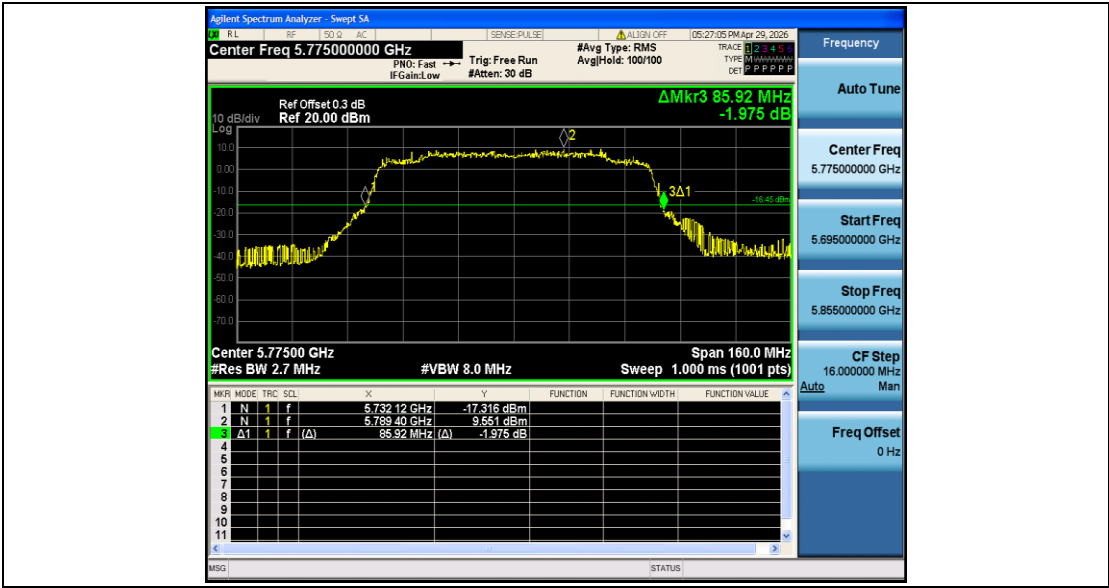


11AC40SISO_Ant2_5230



11AC40SISO_Ant2_5755



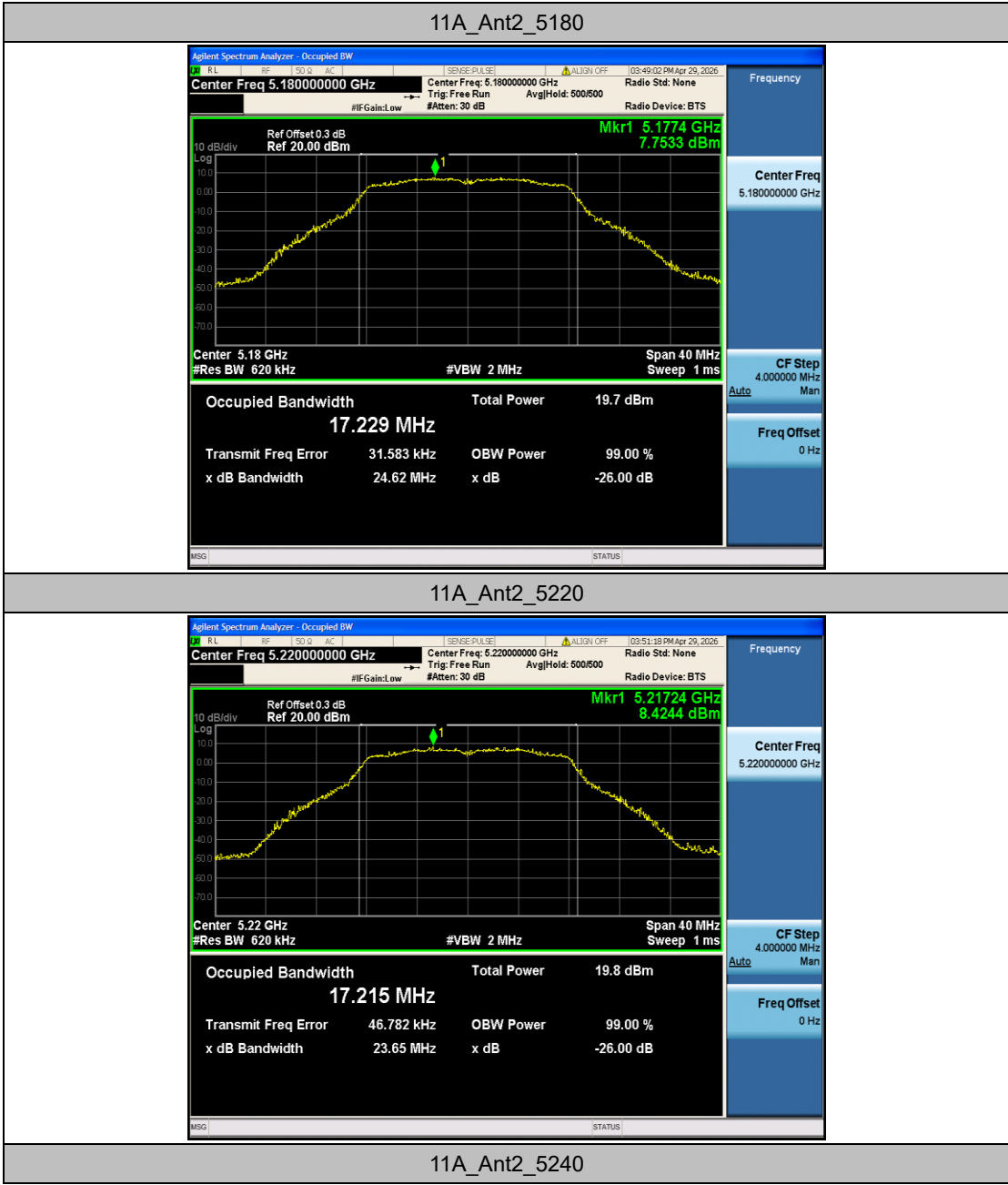


Appendix A2: Occupied channel bandwidth

Test Result

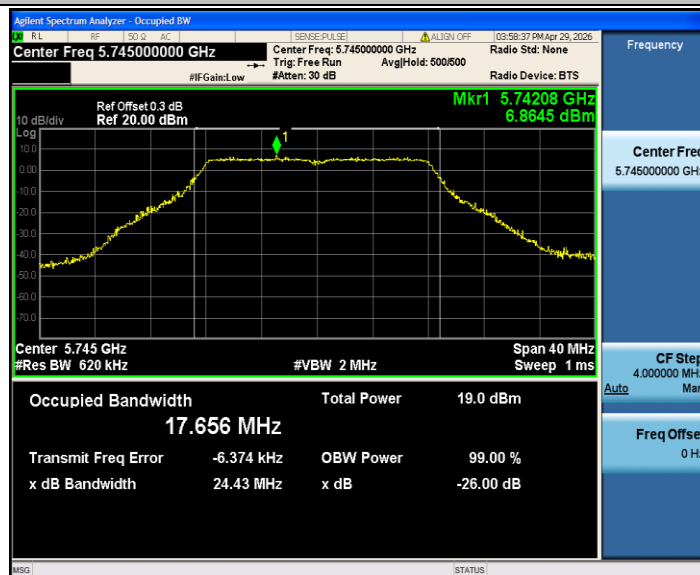
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.229	5171.4171	5188.6461	---	---
		5220	17.215	5211.4393	5228.6543	---	---
		5240	17.238	5231.4150	5248.6530	---	---
		5745	17.656	5736.1656	5753.8216	---	---
		5785	17.668	5776.2075	5793.8755	---	---
		5825	17.713	5816.2007	5833.9137	---	---
11N20SISO	Ant2	5180	18.267	5170.9061	5189.1731	---	---
		5220	18.318	5210.8590	5229.1770	---	---
		5240	18.285	5230.8911	5249.1761	---	---
		5745	18.593	5735.7074	5754.3004	---	---
		5785	18.681	5775.6670	5794.3480	---	---
		5825	18.646	5815.7396	5834.3856	---	---
11N40SISO	Ant2	5190	36.348	5171.9145	5208.2625	---	---
		5230	36.298	5211.9486	5248.2466	---	---
		5755	37.041	5736.5875	5773.6285	---	---
		5795	36.970	5776.6261	5813.5961	---	---
11AC20SISO	Ant2	5180	19.074	5170.4828	5189.5568	---	---
		5220	19.102	5210.4771	5229.5791	---	---
		5240	19.089	5230.4940	5249.5830	---	---
		5745	19.402	5735.3221	5754.7241	---	---
		5785	19.400	5775.3597	5794.7597	---	---
		5825	19.381	5815.3656	5834.7466	---	---
11AC40SISO	Ant2	5190	37.872	5171.1278	5208.9998	---	---
		5230	37.784	5211.2497	5249.0337	---	---
		5755	38.362	5735.8987	5774.2607	---	---
		5795	38.241	5775.9816	5814.2226	---	---
11AC80SISO	Ant2	5210	77.164	5171.6233	5248.7873	---	---
		5775	77.057	5736.6426	5813.6996	---	---

Test Graphs

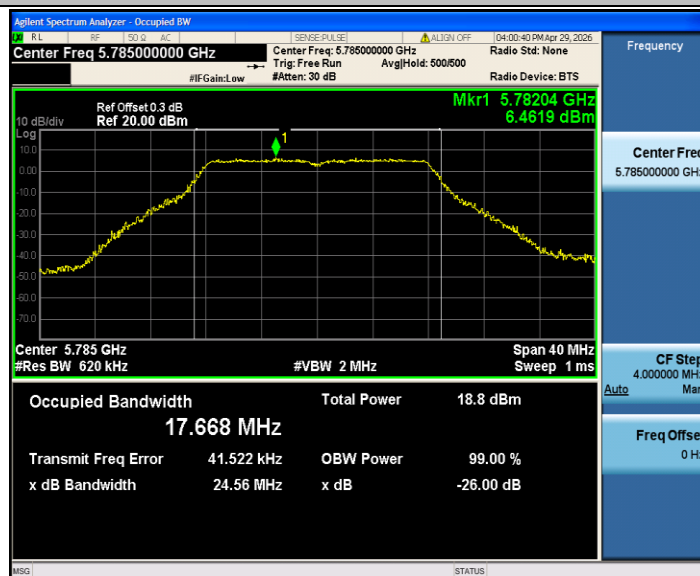




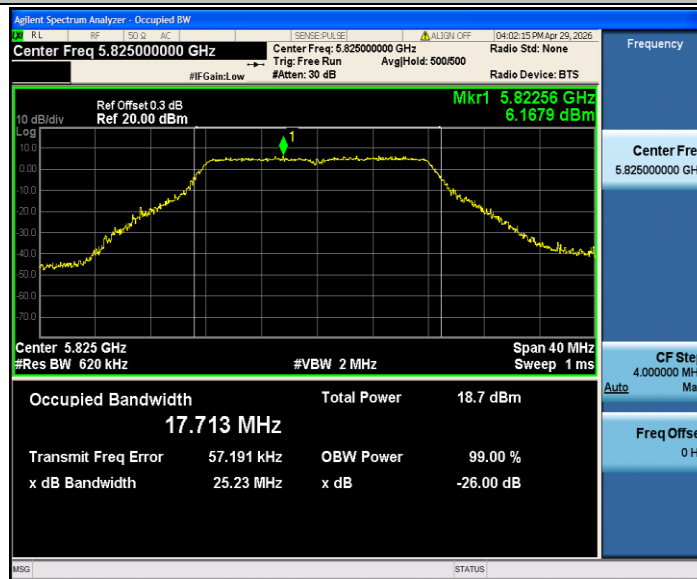
11A_Ant2_5745



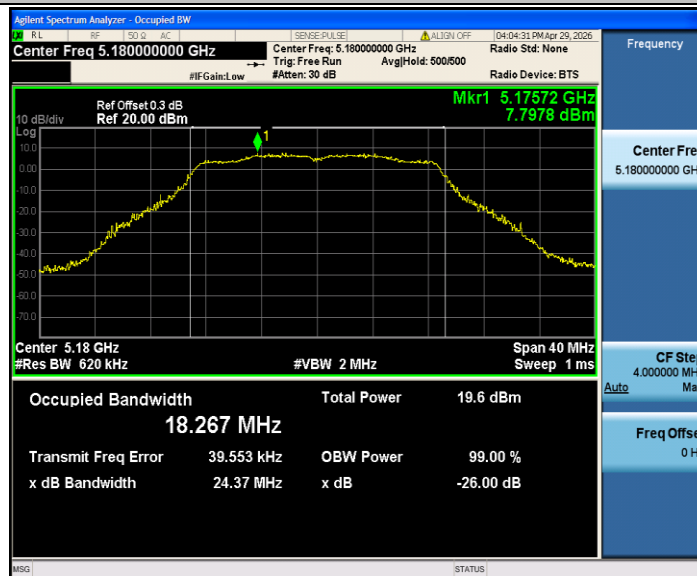
11A_Ant2_5785



11A_Ant2_5825



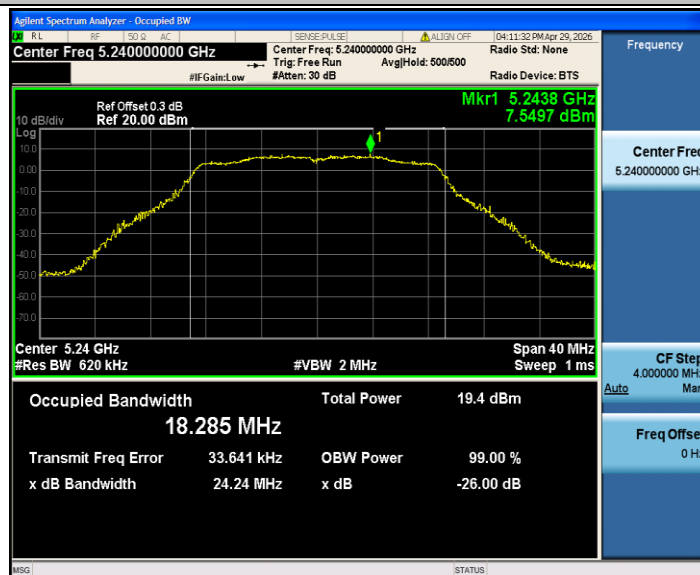
11N20SISO_Ant2_5180



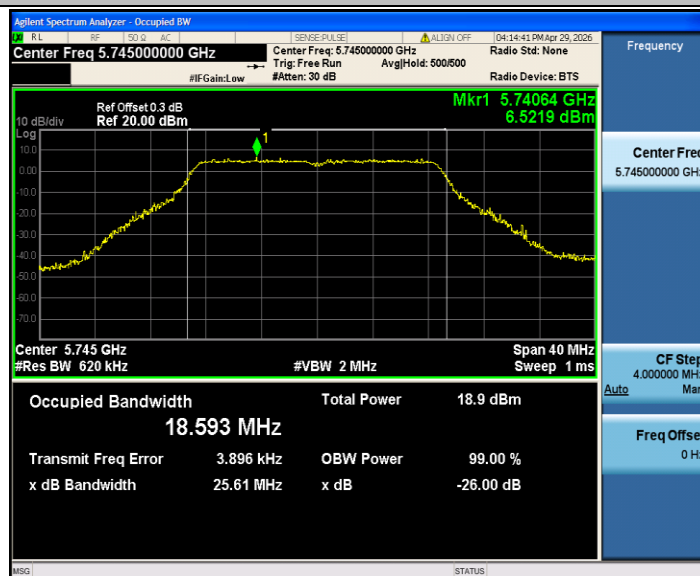
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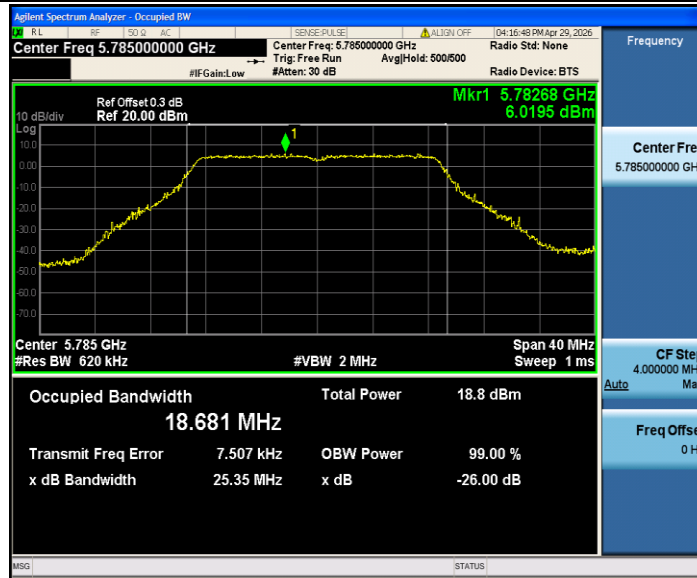
11N20SISO_Ant2_5240



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



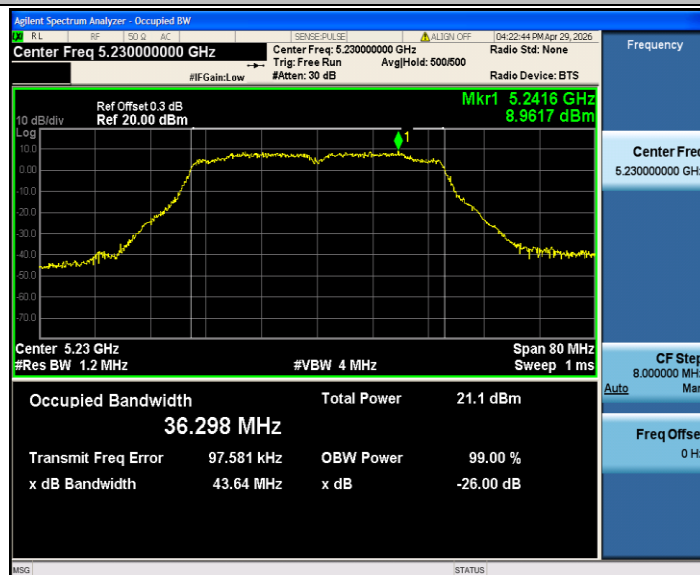
11N20SISO_Ant2_5825



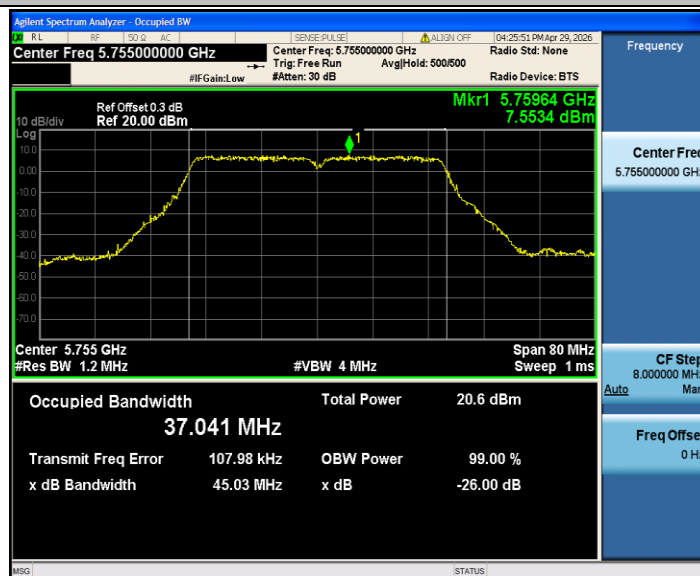
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



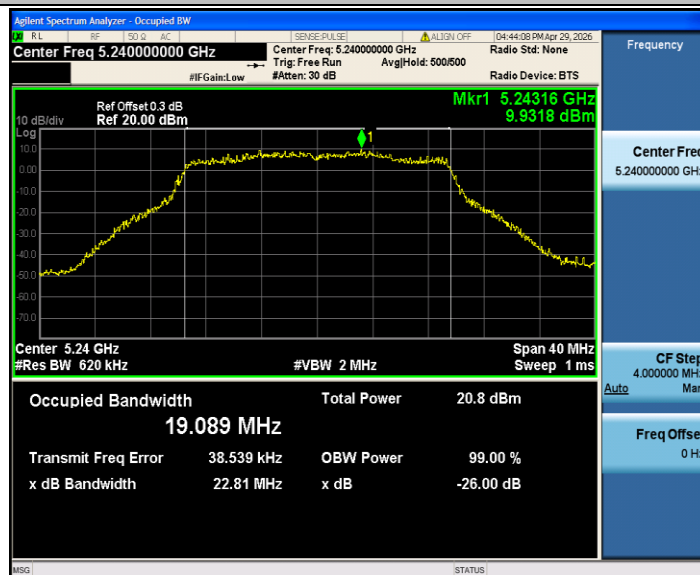
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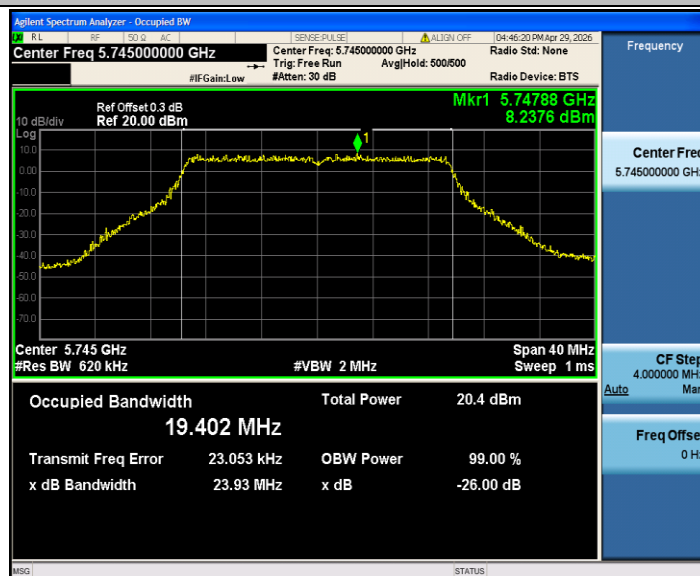
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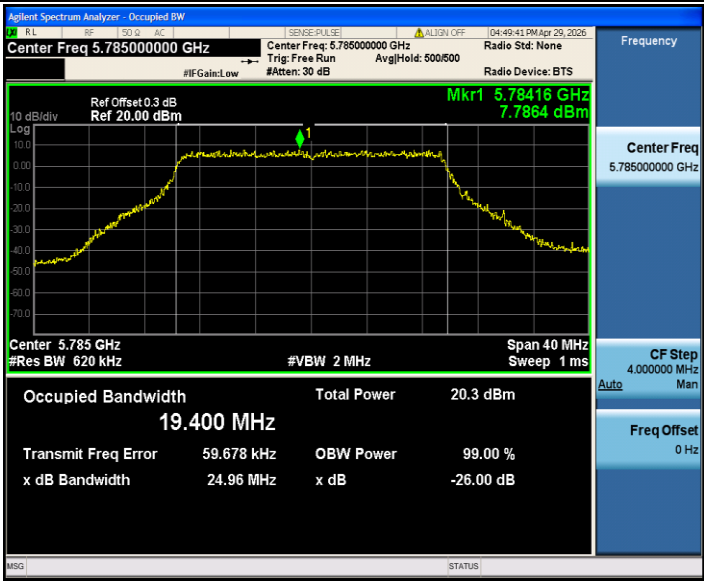
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11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



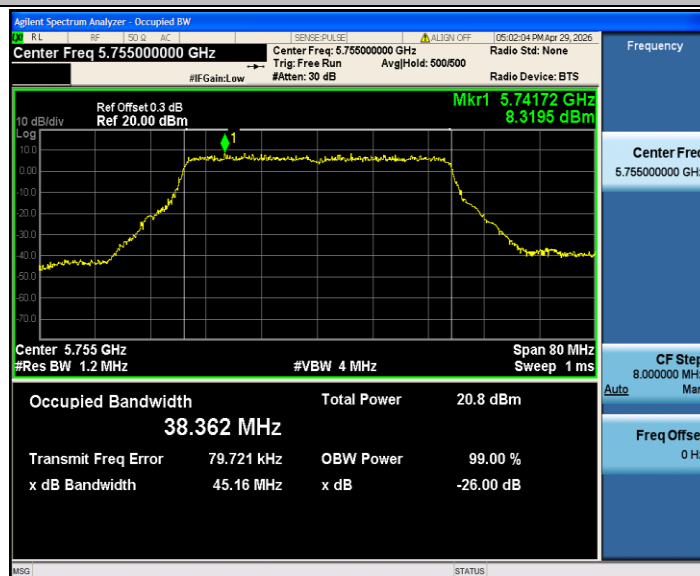
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11AC40ISO_Ant2_5230



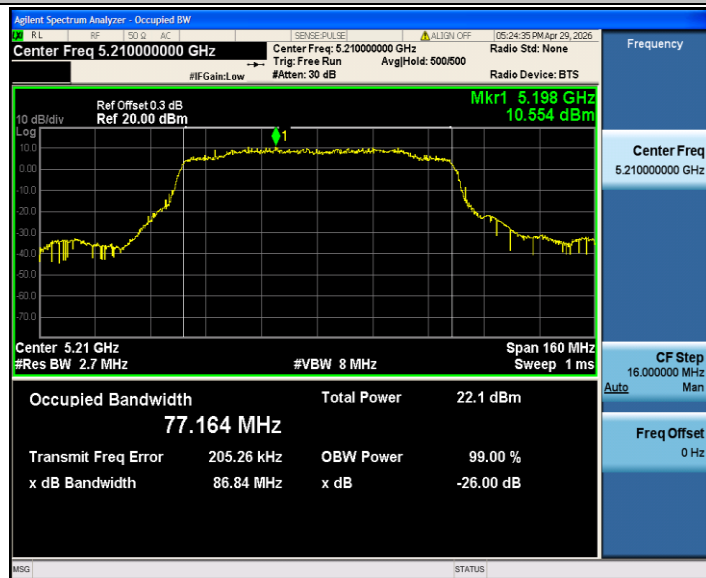
11AC40ISO_Ant2_5755



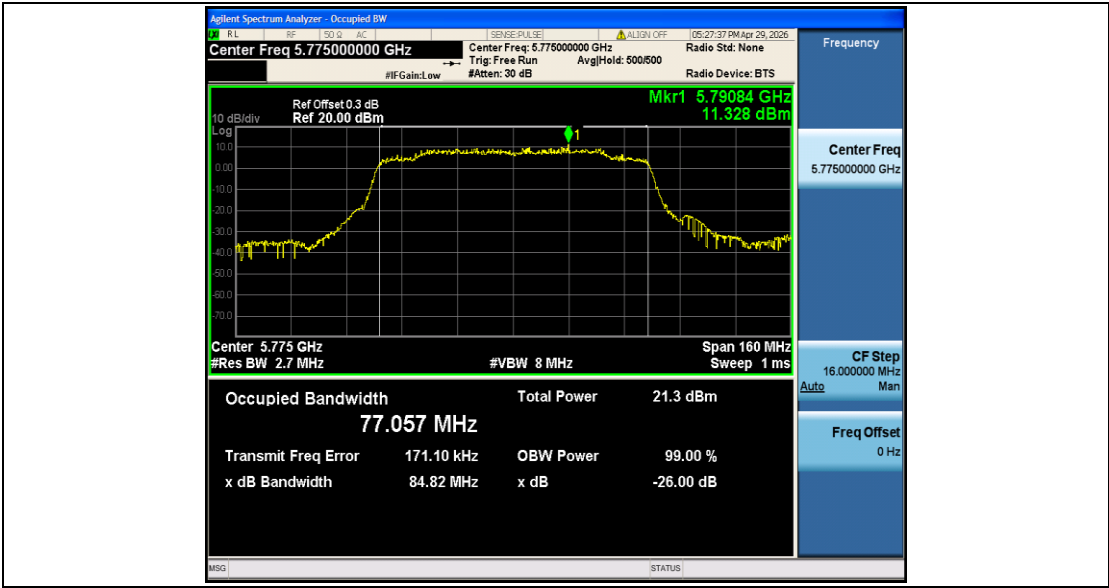
11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5210



11AC80SISO_Ant2_5775



Appendix A3: Min emission bandwidth

Test Result B4

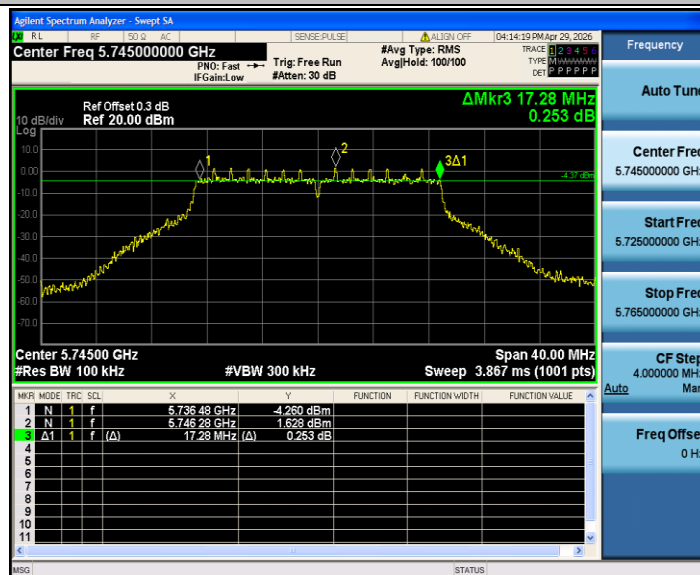
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant2	5745	17.280	5736.480	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.200	5816.600	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.000	5777.160	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	18.640	5735.600	5754.240	0.5	PASS
		5785	18.480	5775.800	5794.280	0.5	PASS
		5825	18.560	5815.680	5834.240	0.5	PASS
11AC40SISO	Ant2	5755	37.680	5736.200	5773.880	0.5	PASS
		5795	37.600	5776.280	5813.880	0.5	PASS
11AC80SISO	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

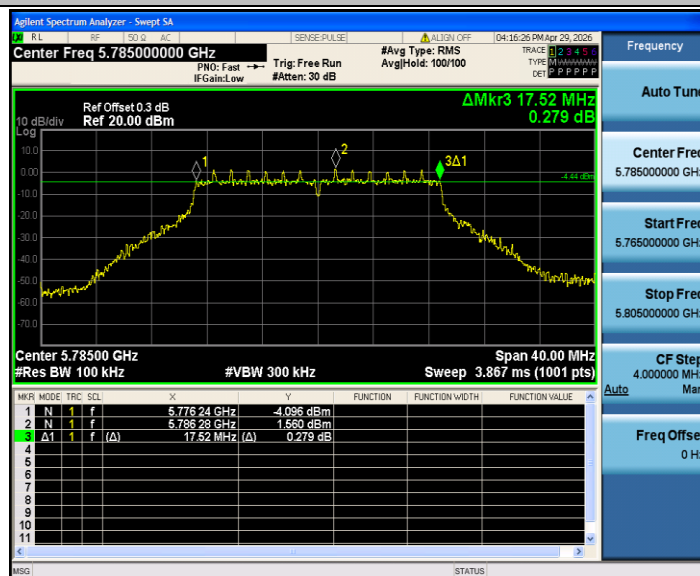




11N20SISO_Ant2_5745



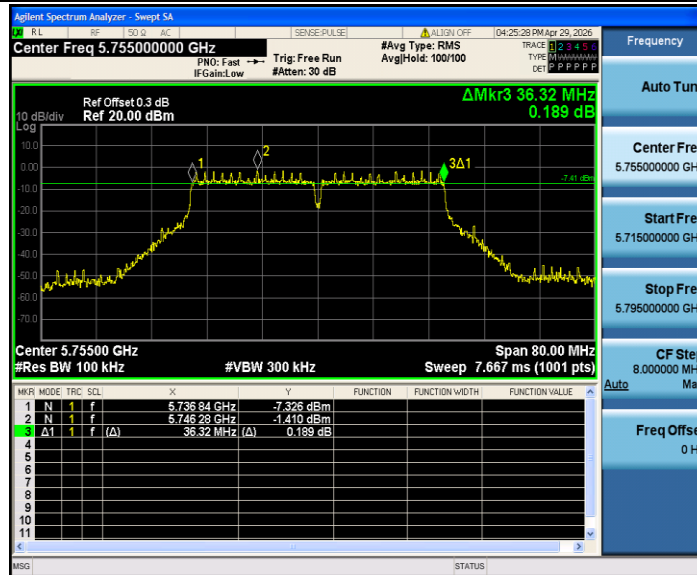
11N20SISO_Ant2_5785



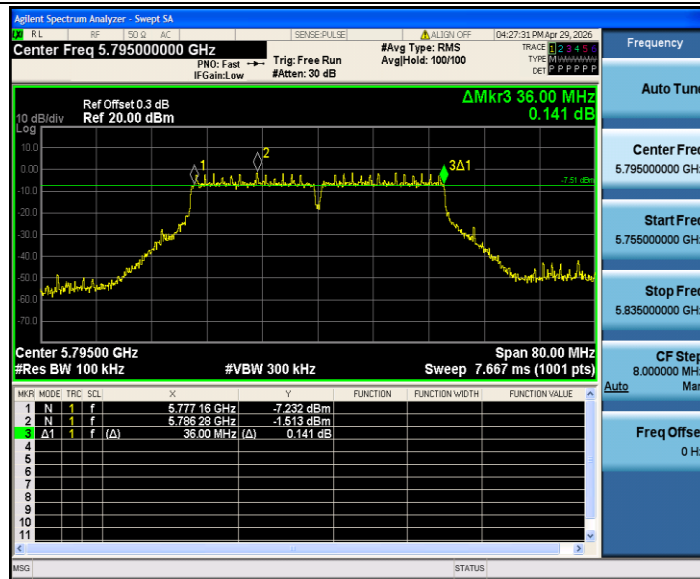
11N20SISO_Ant2_5825



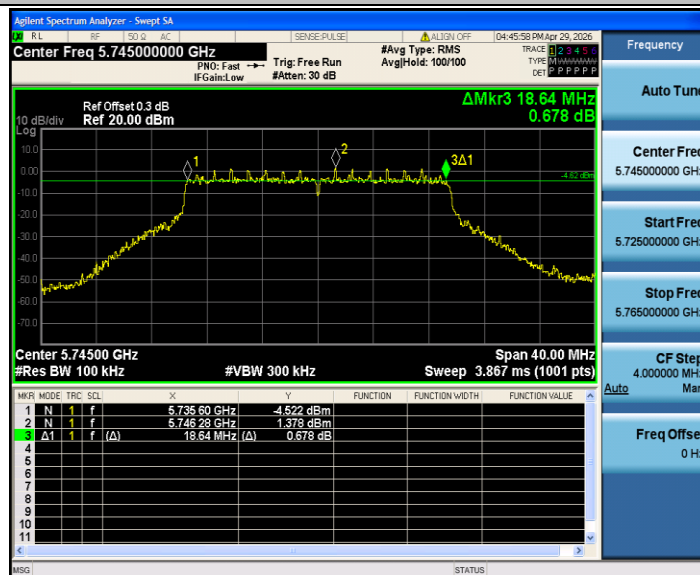
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



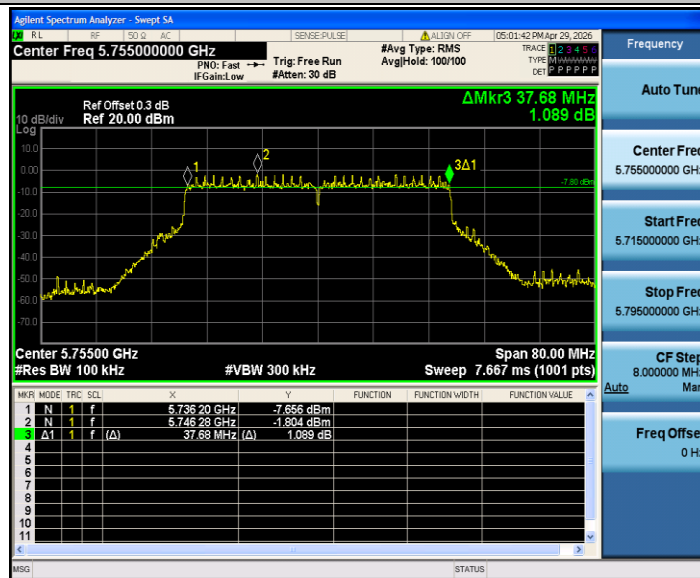
11AC20SISO_Ant2_5785



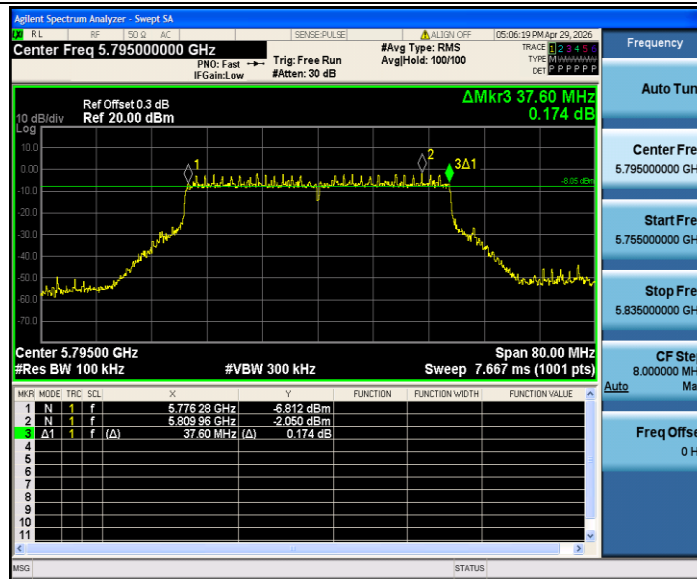
11AC20SISO_Ant2_5825



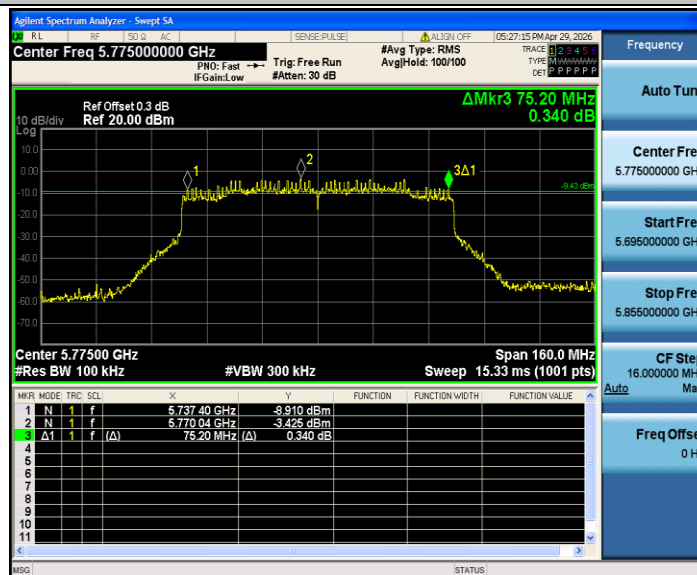
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80ISO_Ant2_5775



Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant2	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.19	78.95	1.03	---	---
		5745	0.14	0.19	73.68	1.33	---	---
		5785	0.15	0.19	78.95	1.03	---	---
		5825	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant2	5180	0.18	0.22	81.82	0.87	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5745	0.18	0.23	78.26	1.06	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.17	0.22	77.27	1.12	---	---
11N40SISO	Ant2	5190	0.18	0.22	81.82	0.87	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.22	81.82	0.87	---	---
11AC20SISO	Ant2	5180	0.26	0.30	86.67	0.62	---	---
		5220	0.26	0.31	83.87	0.76	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.26	0.30	86.67	0.62	---	---
		5785	0.25	0.30	83.33	0.79	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AC40SISO	Ant2	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.22	81.82	0.87	---	---
		5755	0.17	0.22	77.27	1.12	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC80SISO	Ant2	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.16	0.21	76.19	1.18	---	---

11A_Ant2_5180

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.180000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.3 dB Ref 20.30 dBm

ΔMkr3 200.0 μs 61.23 dB

Center 5.180000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 2.000 ms (1001 pts) Span 0 Hz

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.330 ms	-45.22 dBm			
2	A1	1	t	150.0 μs (A)	50.39 dB			
3	A1	1	t	200.0 μs (A)	61.23 dB			

11A_Ant2_5220

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.220000000 GHz

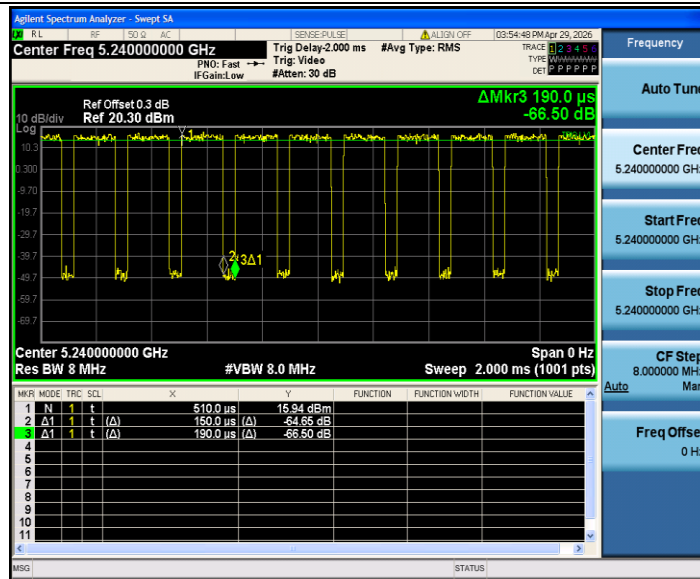
Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.3 dB Ref 20.30 dBm

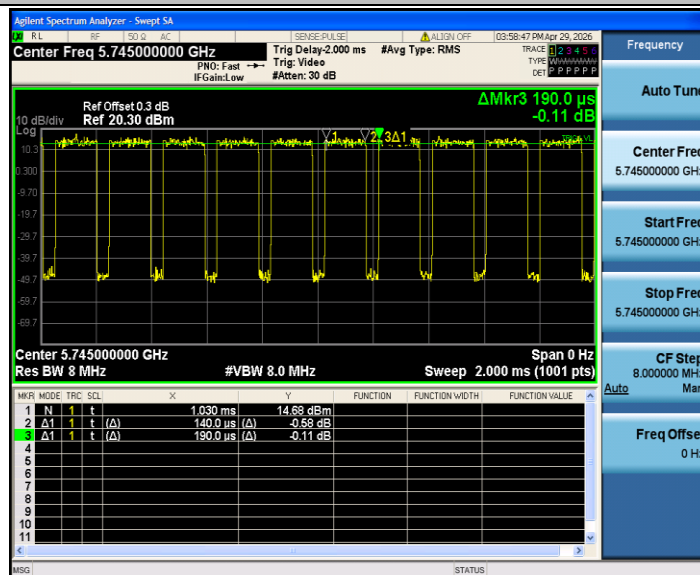
ΔMkr3 190.0 μs -0.29 dB

Center 5.220000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 2.000 ms (1001 pts) Span 0 Hz

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	510.0 μs	16.28 dBm			
2	A1	1	t	140.0 μs (A)	-1.90 dB			
3	A1	1	t	190.0 μs (A)	-0.29 dB			



11A_Ant2_5745



11A_Ant2_5785

