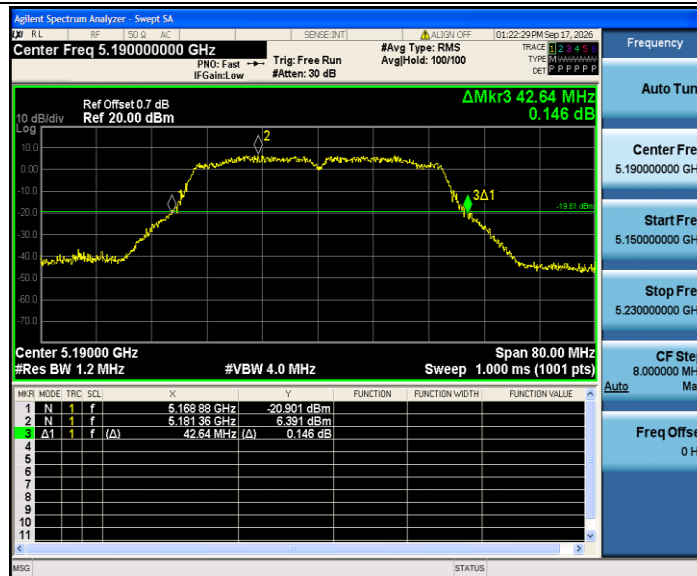
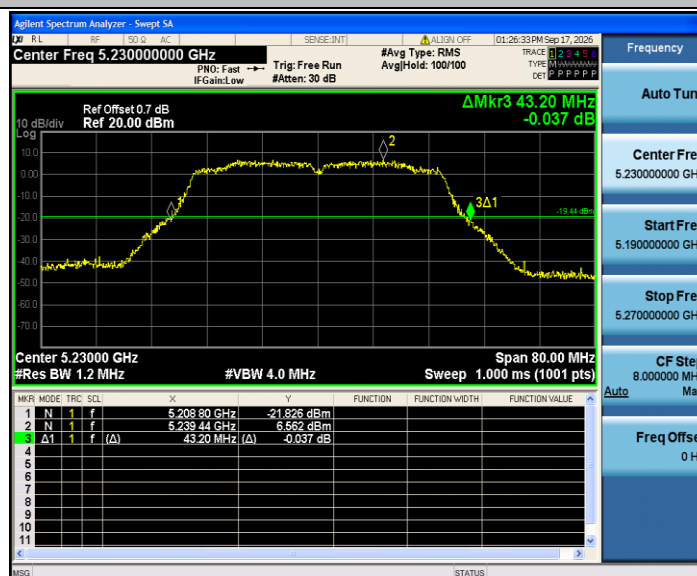
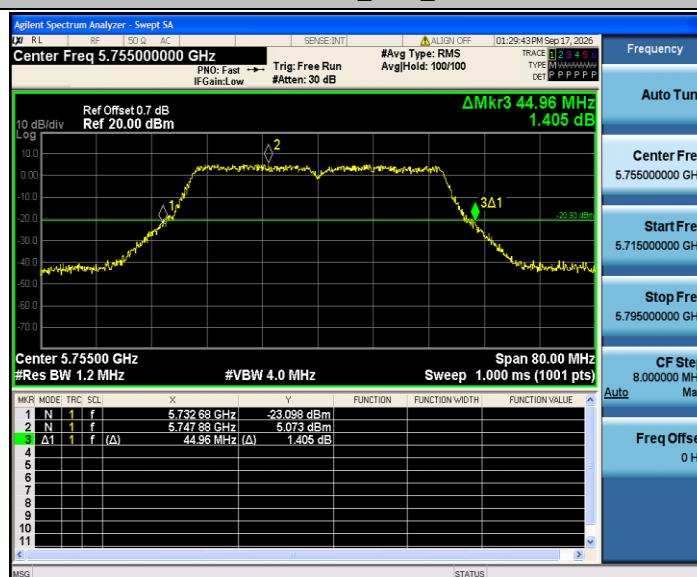




11N40SISO_Ant2_5230



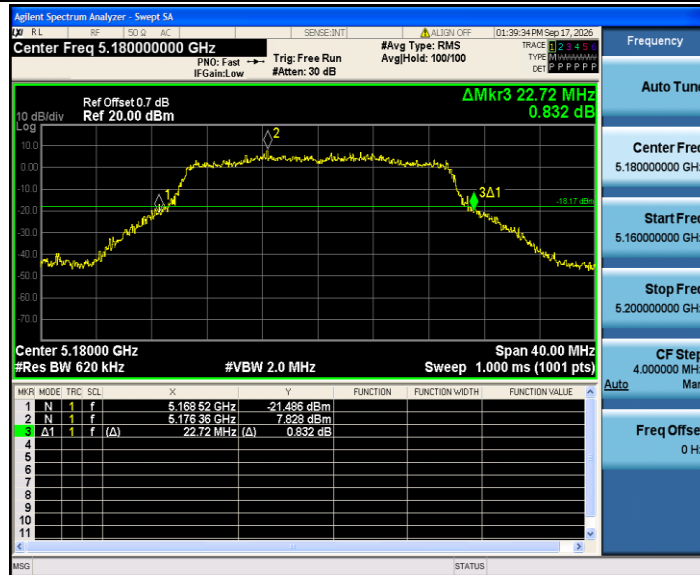
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5180



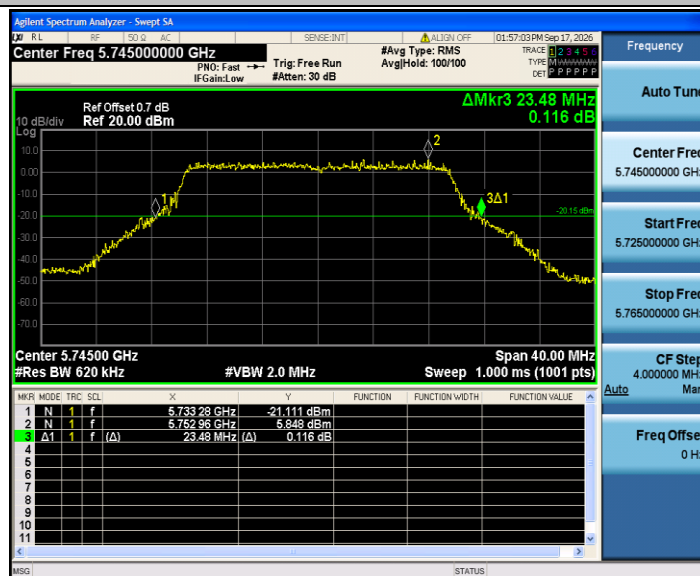
11AC20SISO_Ant2_5220



11AC20SISO_Ant2_5240



11AC20SISO_Ant2_5745



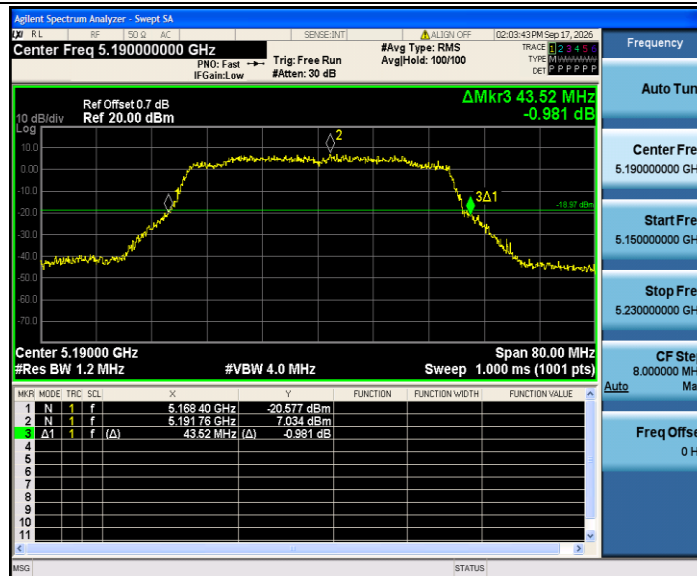
11AC20SISO_Ant2_5785



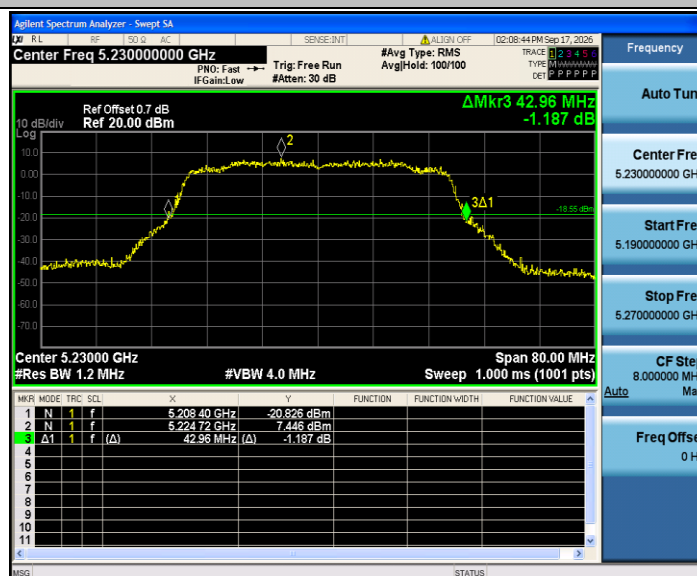
11AC20SISO_Ant2_5825



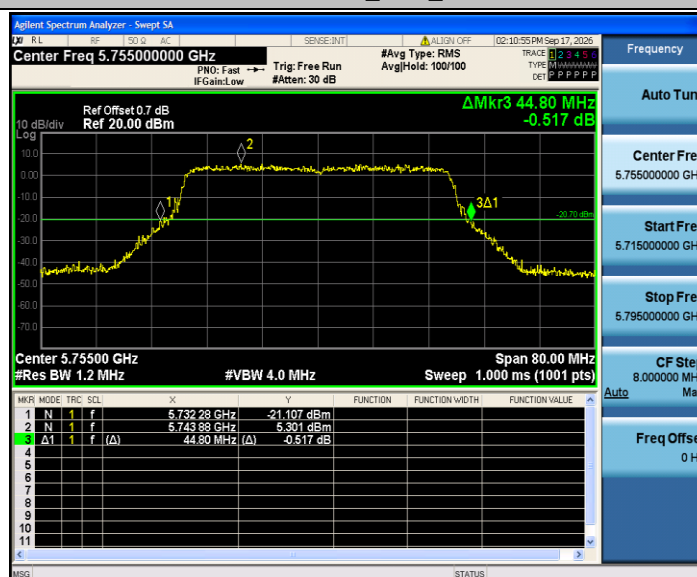
11AC40SISO_Ant2_5190



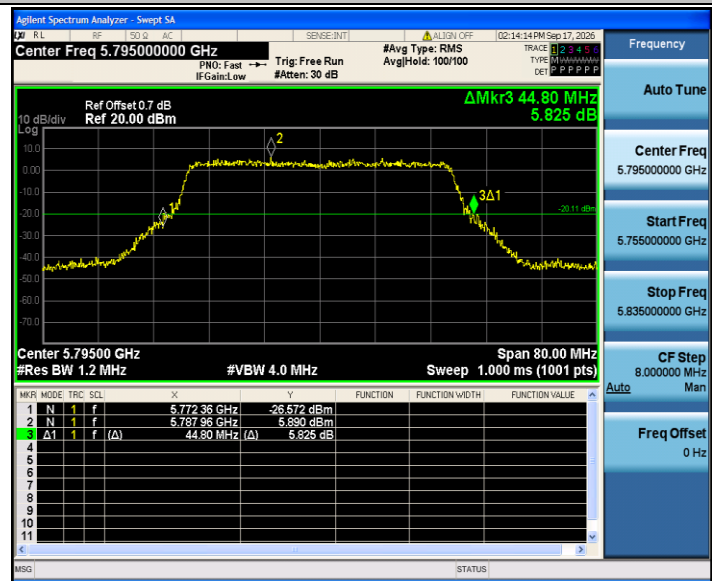
11AC40SISO_Ant2_5230



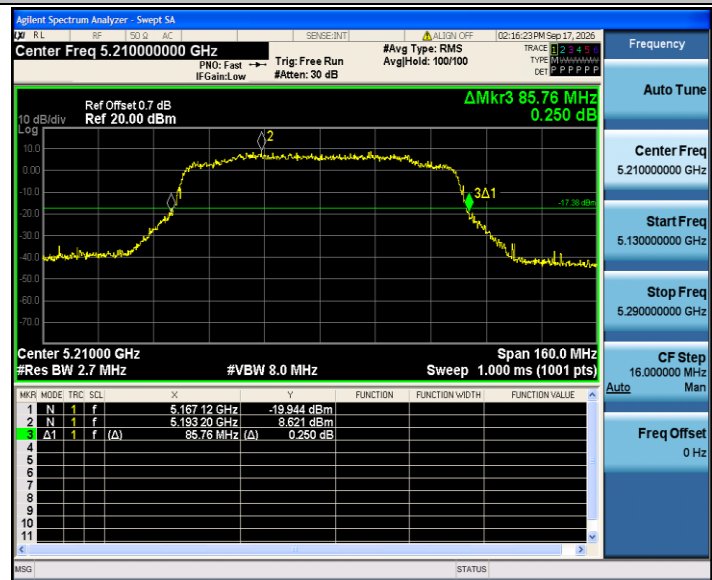
11AC40SISO_Ant2_5755



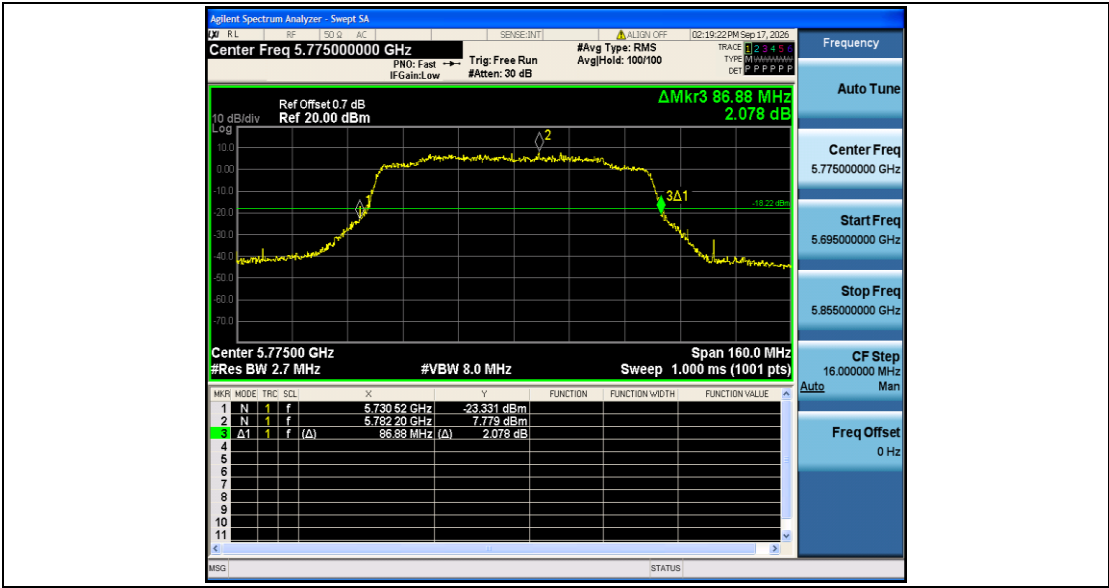
11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5210



11AC80SISO_Ant2_5775

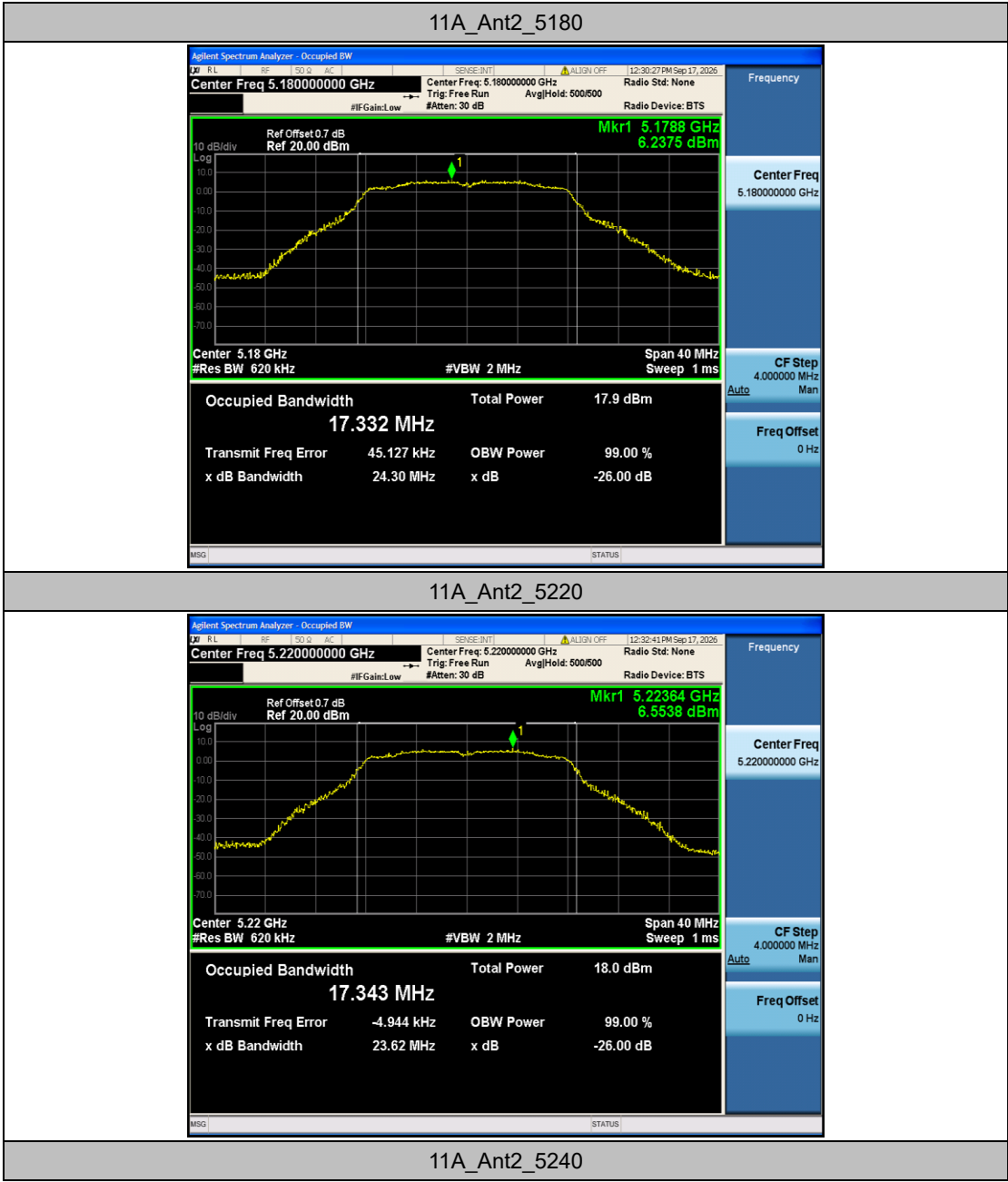


Appendix A2: Occupied channel bandwidth

Test Result

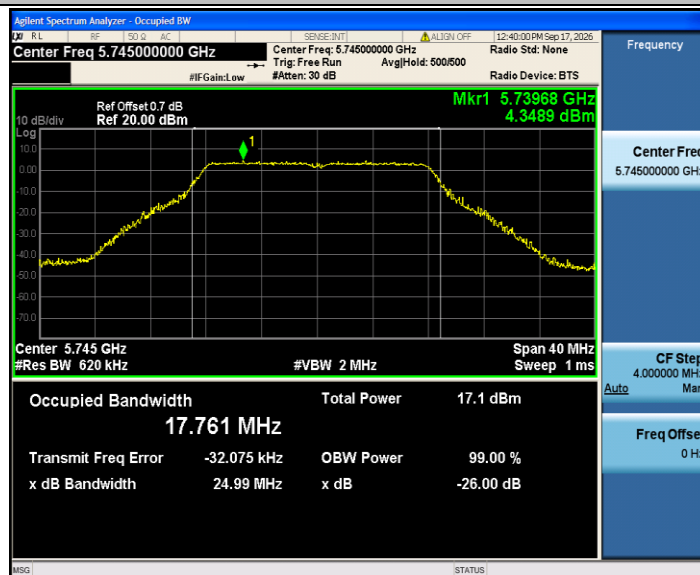
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.332	5171.3791	5188.7111	---	---
		5220	17.343	5211.3236	5228.6666	---	---
		5240	17.333	5231.3166	5248.6496	---	---
		5745	17.761	5736.0874	5753.8484	---	---
		5785	17.672	5776.1077	5793.7797	---	---
		5825	17.707	5816.0969	5833.8039	---	---
11N20SISO	Ant2	5180	18.221	5170.9546	5189.1756	---	---
		5220	18.293	5210.8781	5229.1711	---	---
		5240	18.311	5230.8666	5249.1776	---	---
		5745	18.723	5735.6267	5754.3497	---	---
		5785	18.680	5775.6521	5794.3321	---	---
		5825	18.709	5815.6200	5834.3290	---	---
11N40SISO	Ant2	5190	36.270	5171.9293	5208.1993	---	---
		5230	36.274	5211.8891	5248.1631	---	---
		5755	37.010	5736.5248	5773.5348	---	---
		5795	36.960	5776.4833	5813.4433	---	---
11AC20SISO	Ant2	5180	19.139	5170.4674	5189.6064	---	---
		5220	19.121	5210.4479	5229.5689	---	---
		5240	19.097	5230.4769	5249.5739	---	---
		5745	19.381	5735.3168	5754.6978	---	---
		5785	19.341	5775.3367	5794.6777	---	---
		5825	19.446	5815.2479	5834.6939	---	---
11AC40SISO	Ant2	5190	37.849	5171.1276	5208.9766	---	---
		5230	37.744	5211.1219	5248.8659	---	---
		5755	38.235	5735.8998	5774.1348	---	---
		5795	38.229	5775.8953	5814.1243	---	---
11AC80SISO	Ant2	5210	77.024	5171.5368	5248.5608	---	---
		5775	77.095	5736.4599	5813.5549	---	---

Test Graphs

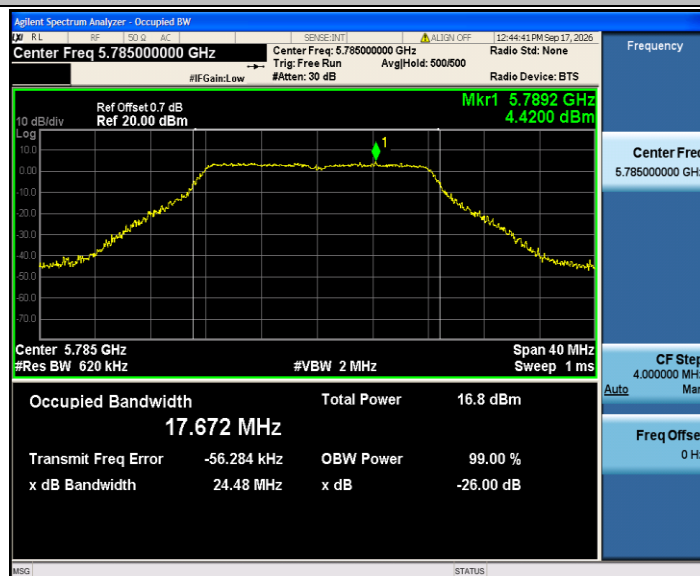




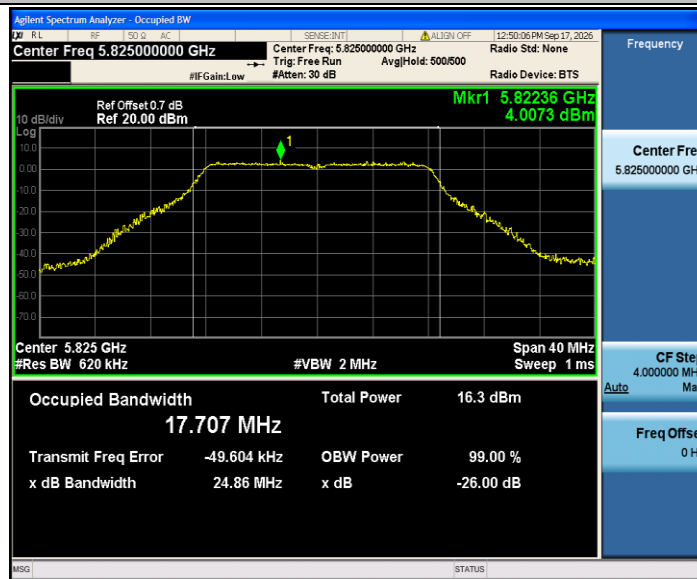
11A_Ant2_5745



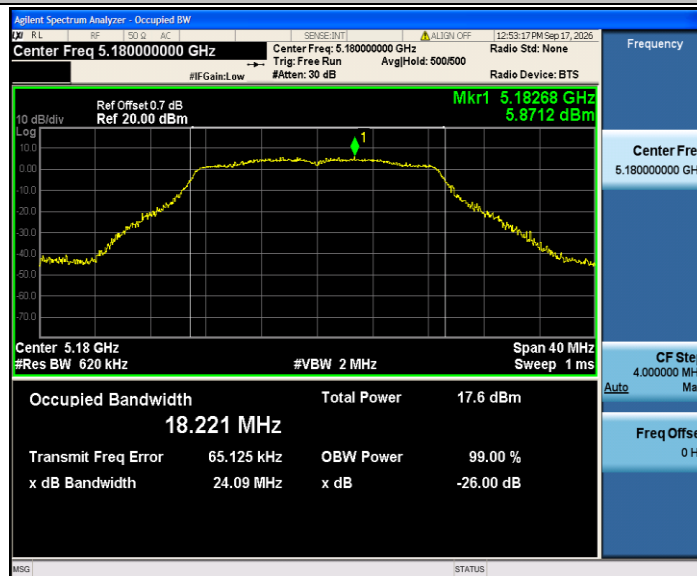
11A_Ant2_5785



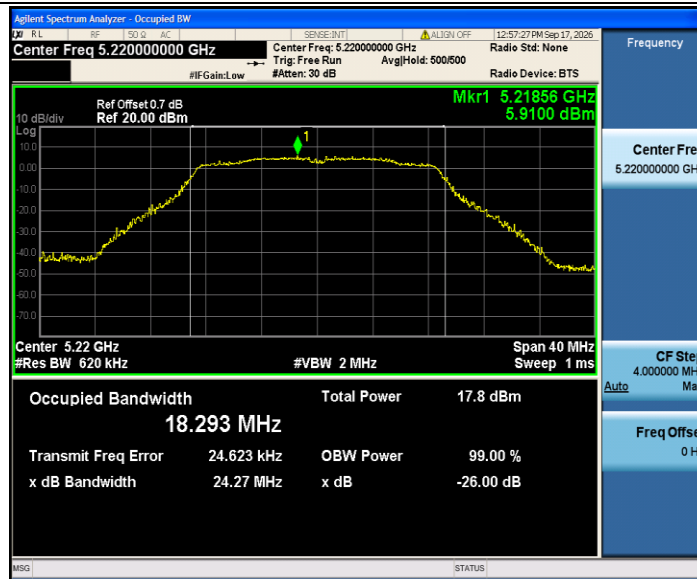
11A_Ant2_5825



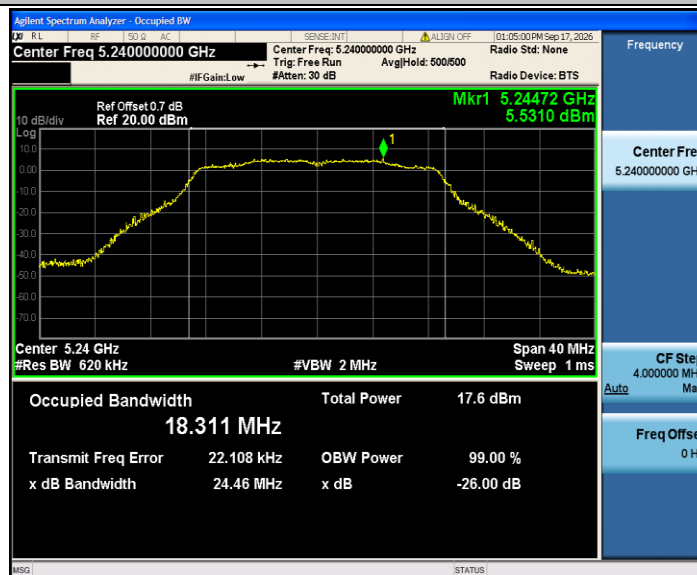
11N20SISO_Ant2_5180



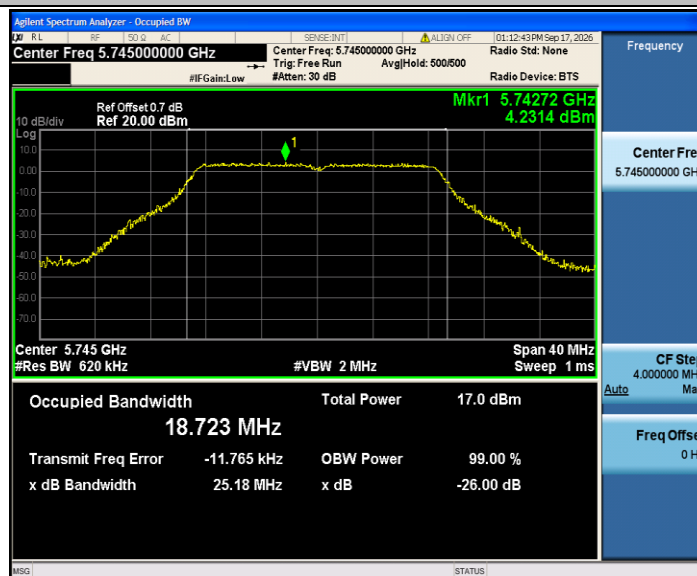
11N20SISO_Ant2_5220



11N20SISO_Ant2_5240



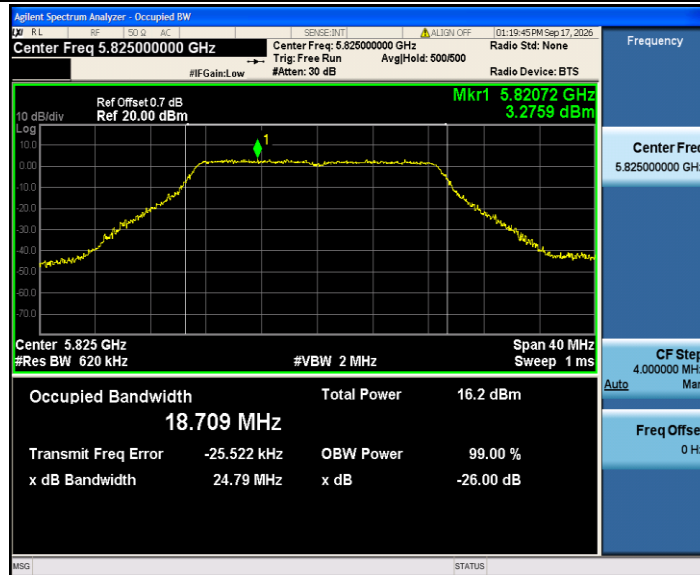
11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



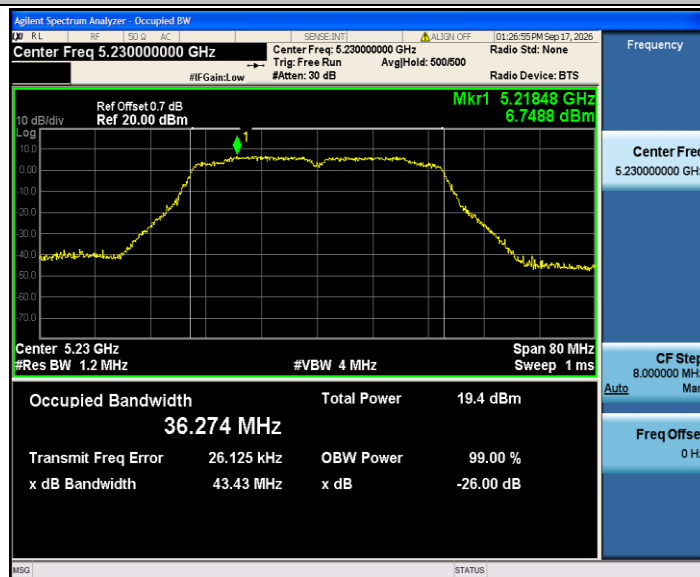
11N20SISO_Ant2_5825



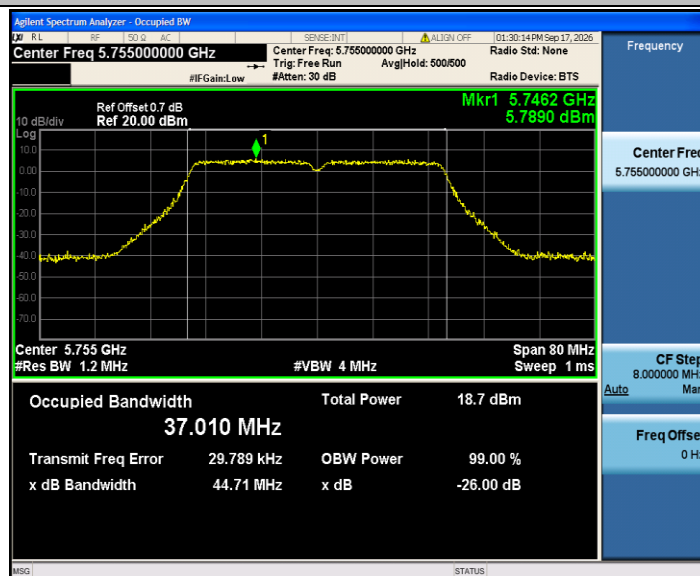
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



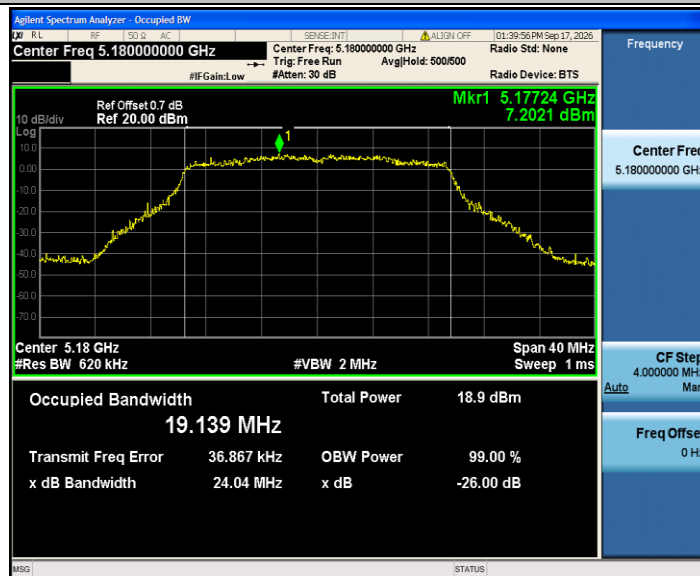
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



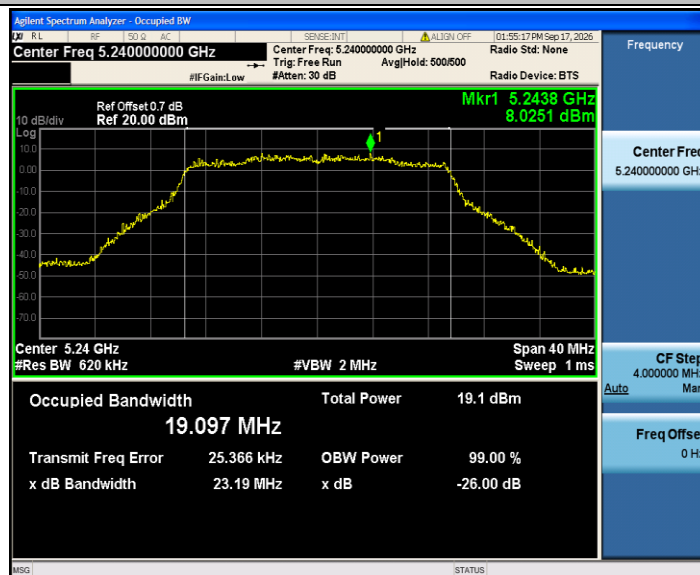
11AC20SISO_Ant2_5180



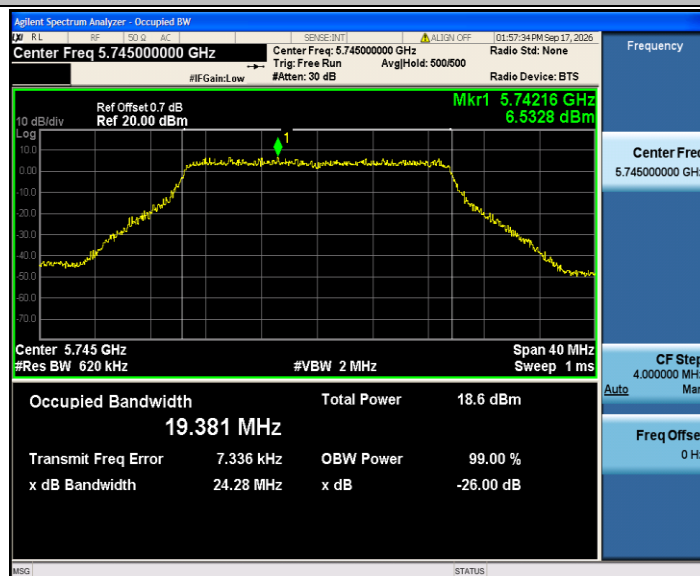
11AC20SISO_Ant2_5220



11AC20SISO_Ant2_5240



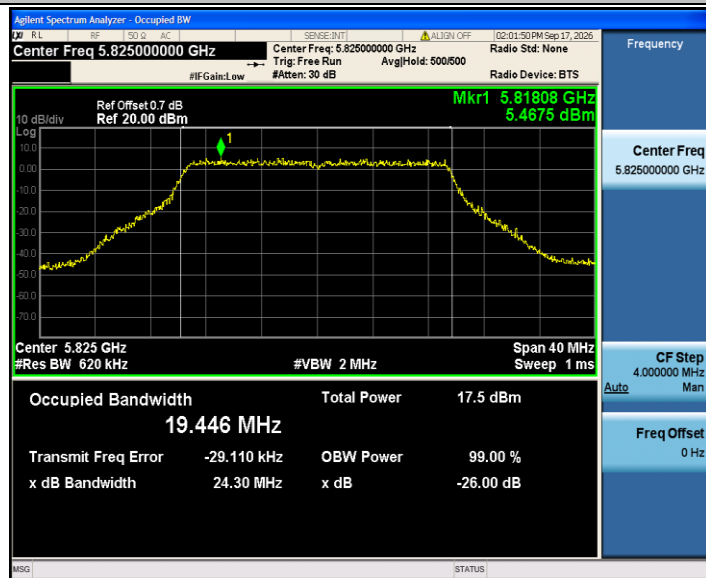
11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



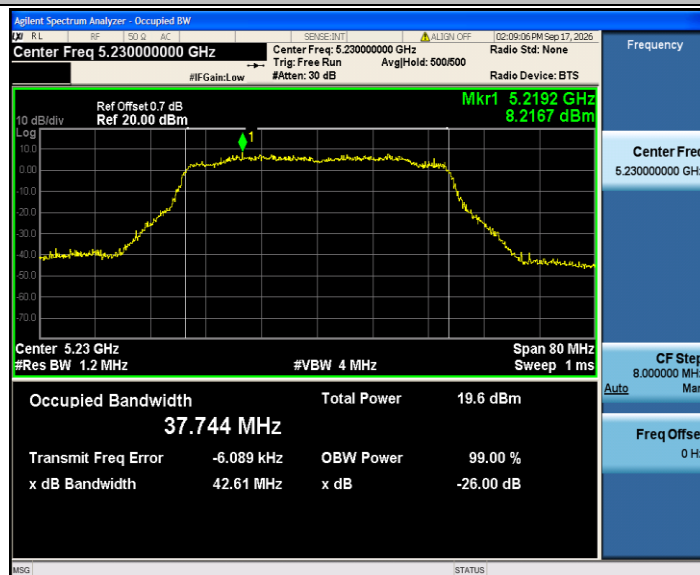
11AC20SISO_Ant2_5825



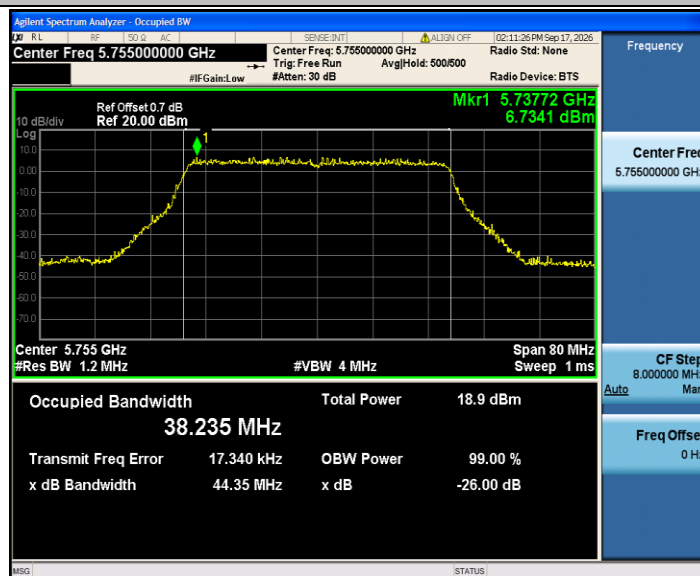
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC40SISO_Ant2_5755



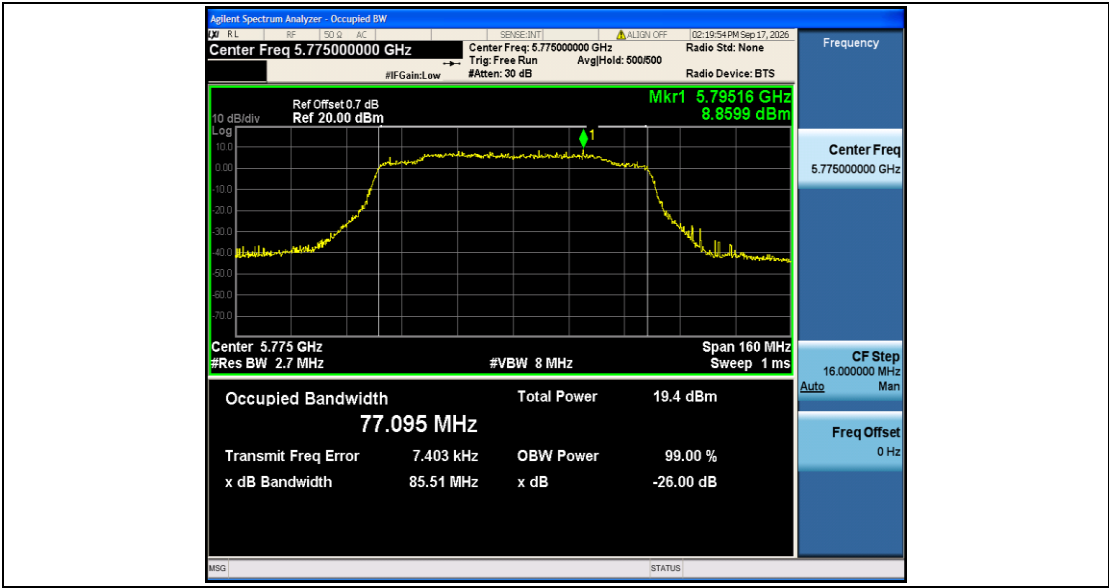
11AC40SISO_Ant2_5795



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	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.560	5736.200	5753.760	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	18.280	5735.800	5754.080	0.5	PASS
		5785	18.720	5775.720	5794.440	0.5	PASS
		5825	18.920	5815.520	5834.440	0.5	PASS
11AC40SISO	Ant2	5755	37.920	5735.960	5773.880	0.5	PASS
		5795	37.680	5776.200	5813.880	0.5	PASS
11AC80SISO	Ant2	5775	70.560	5738.680	5809.240	0.5	PASS

11A_Ant2_5745

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.745000000 GHz

Ref Offset 0.7 dB
Ref 20.00 dBm

Trig: Free Run
#Aver: 30 dB

#Avg Type: RMS
Avg/Hold: 100/100

Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

Center 5.74500 GHz
#Res BW 100 kHz
#VBW 300 kHz

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.736 84 GHz	-5.545 dBm			
2	N	1	f	5.737 43 GHz	-0.738 dBm			
3	Δ	1	f (Δ)	16.32 MHz (Δ)	-0.470 dB			

11A_Ant2_5785

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.785000000 GHz

Ref Offset 0.7 dB
Ref 20.00 dBm

Trig: Free Run
#Aver: 30 dB

#Avg Type: RMS
Avg/Hold: 100/100

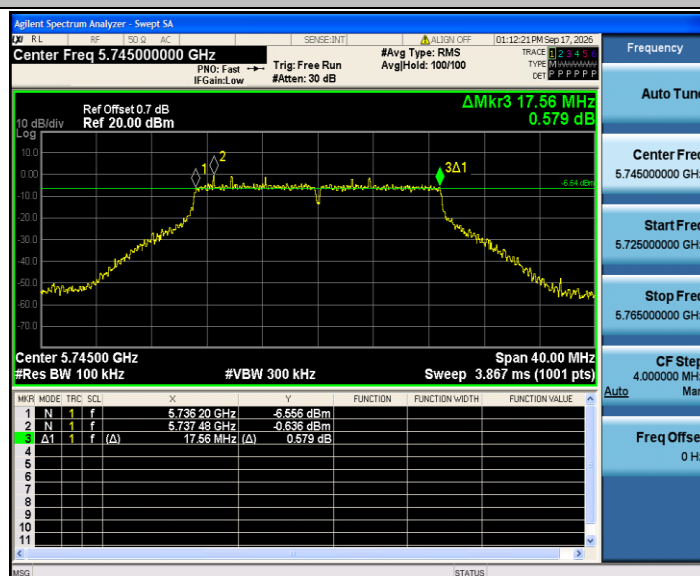
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

Center 5.78500 GHz
#Res BW 100 kHz
#VBW 300 kHz

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.776 84 GHz	-5.664 dBm			
2	N	1	f	5.778 76 GHz	-0.861 dBm			
3	Δ	1	f (Δ)	16.32 MHz (Δ)	-0.899 dB			



11N20SISO_Ant2_5745



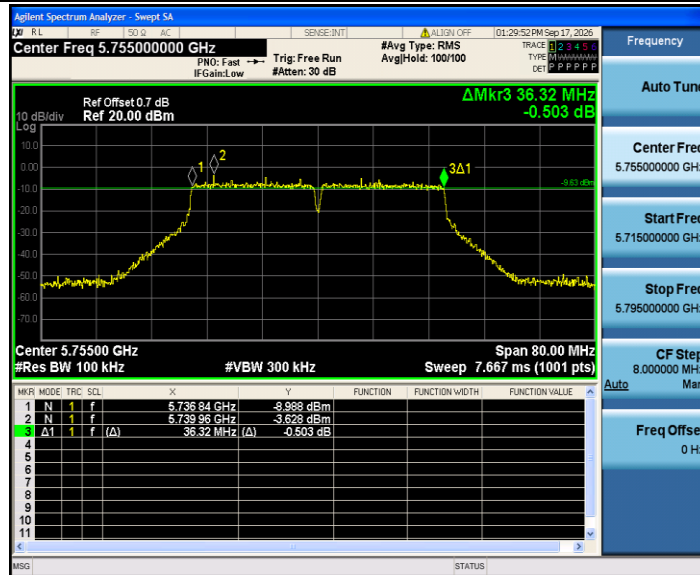
11N20SISO_Ant2_5785



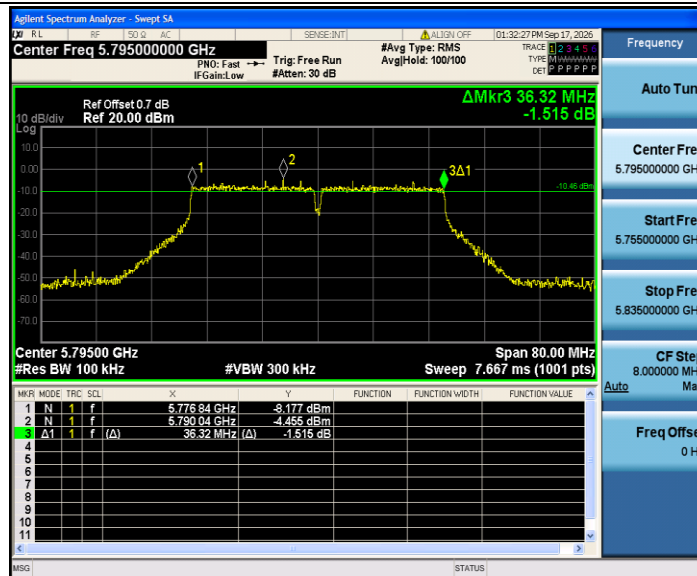
11N20SISO_Ant2_5825



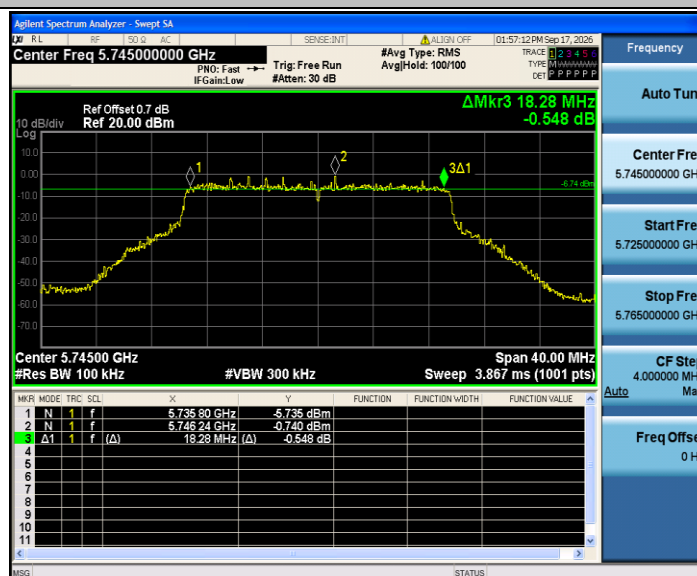
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



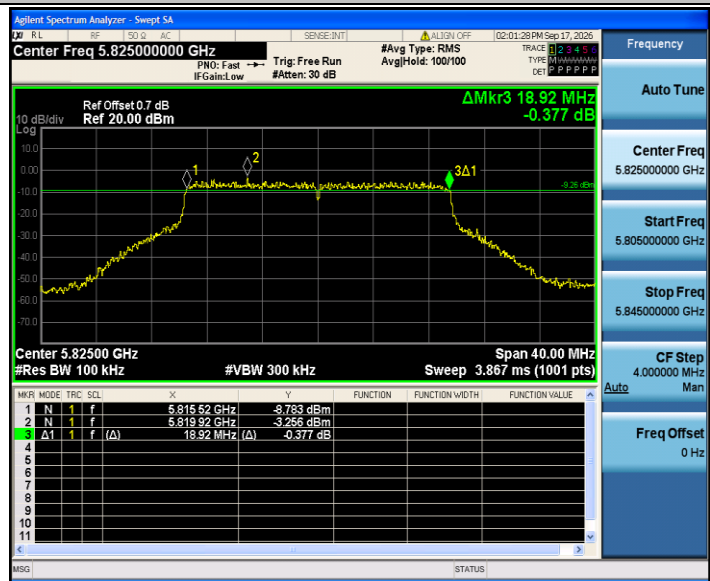
11AC20SISO_Ant2_5745



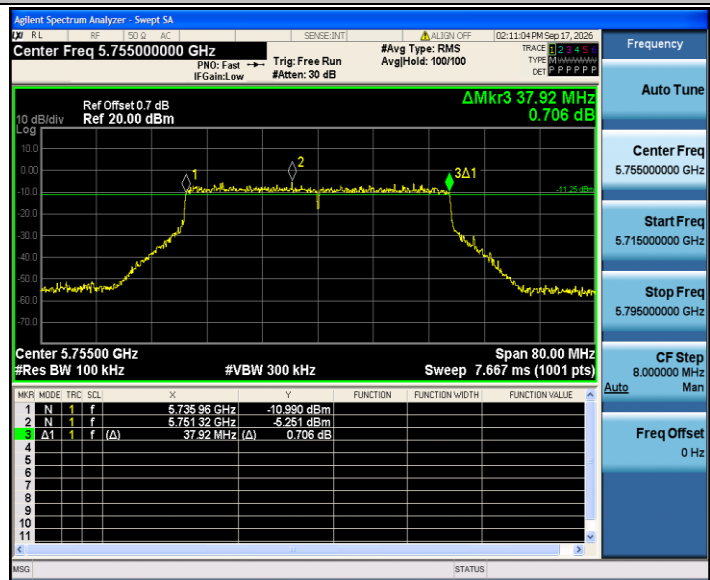
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



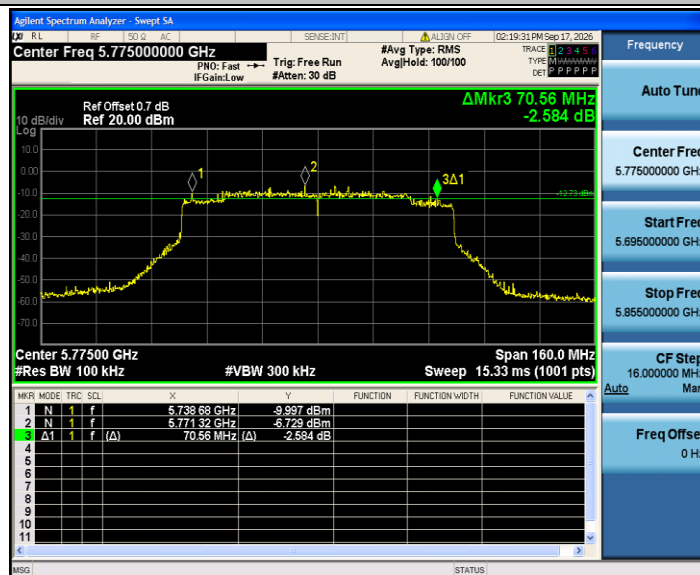
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80ISO_Ant2_5775

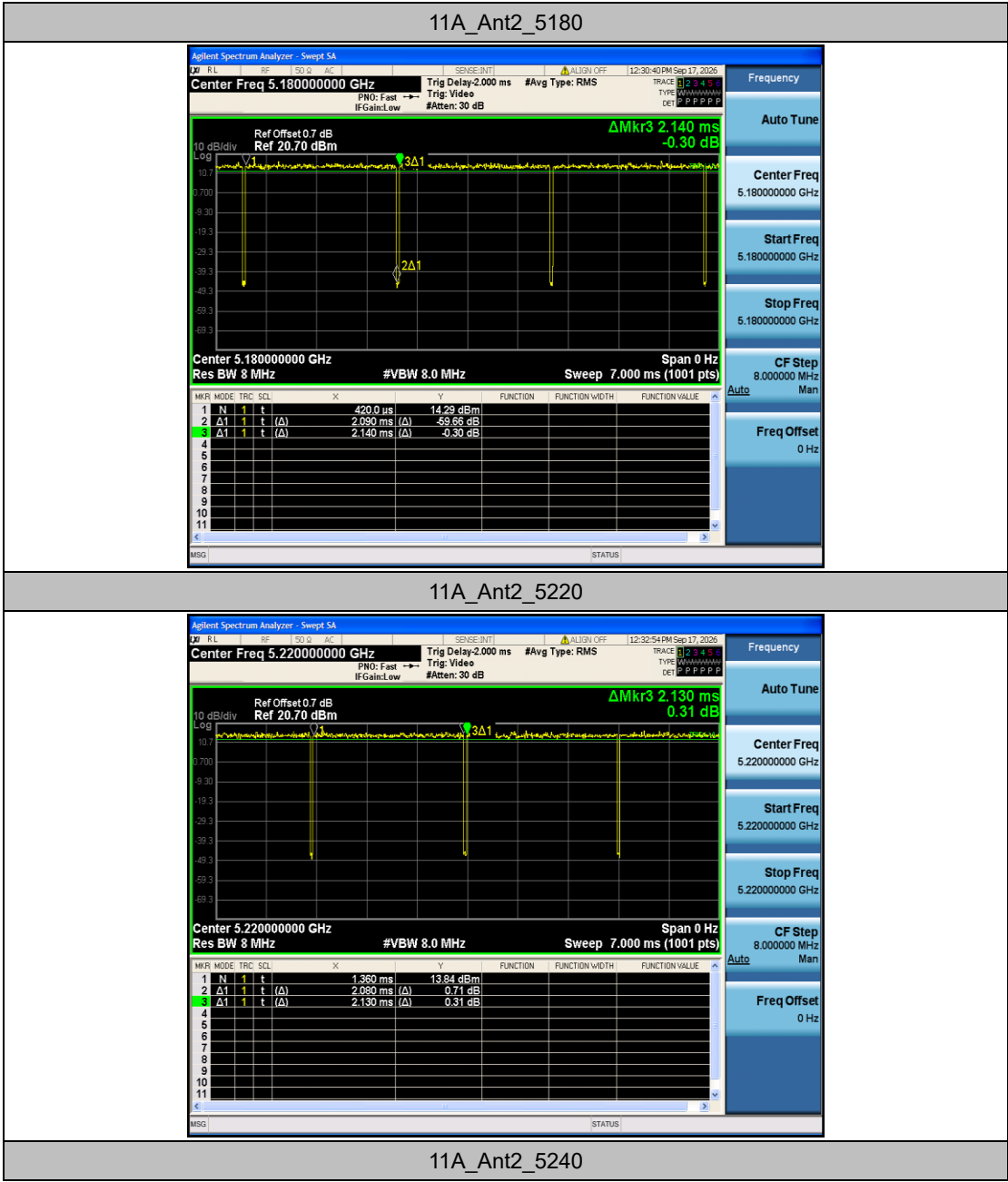


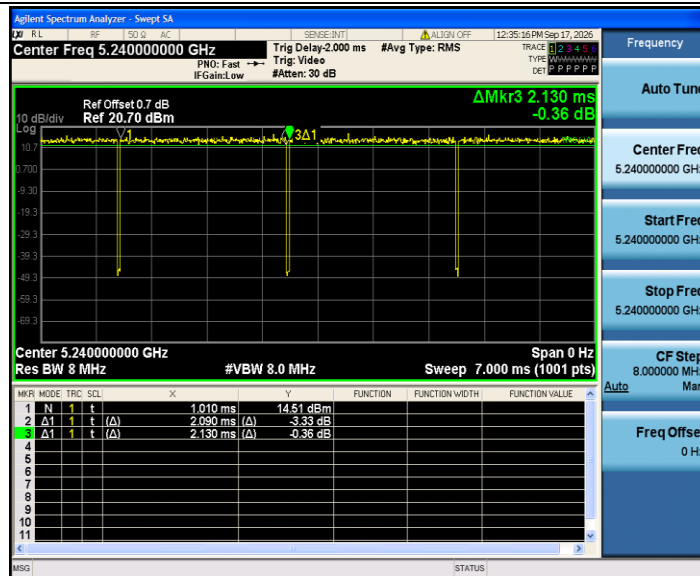
Appendix B: Duty Cycle

Test Result

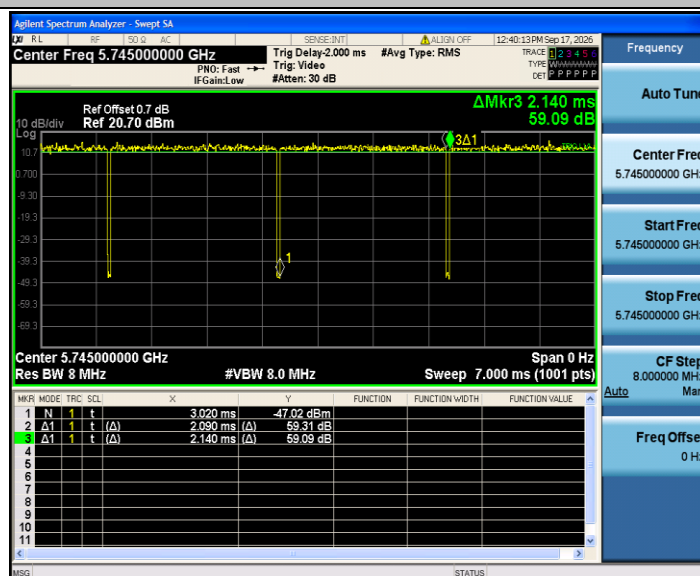
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant2	5180	2.09	2.14	97.66	0.10	---	---
		5220	2.08	2.13	97.65	0.10	---	---
		5240	2.09	2.13	98.12	0.08	---	---
		5745	2.09	2.14	97.66	0.10	---	---
		5785	2.08	2.13	97.65	0.10	---	---
		5825	2.09	2.13	98.12	0.08	---	---
11N20SISO	Ant2	5180	3.98	4.03	98.76	0.05	---	---
		5220	3.97	4.02	98.76	0.05	---	---
		5240	3.97	4.02	98.76	0.05	---	---
		5745	3.98	4.03	98.76	0.05	---	---
		5785	3.97	4.02	98.76	0.05	---	---
		5825	3.98	4.02	99.00	0.04	---	---
11N40SISO	Ant2	5190	3.97	4.02	98.76	0.05	---	---
		5230	3.97	4.02	98.76	0.05	---	---
		5755	3.98	4.02	99.00	0.04	---	---
		5795	3.98	4.02	99.00	0.04	---	---
11AC20SISO	Ant2	5180	3.96	4.01	98.75	0.05	---	---
		5220	3.96	4.00	99.00	0.04	---	---
		5240	3.96	4.00	99.00	0.04	---	---
		5745	3.96	4.00	99.00	0.04	---	---
		5785	3.95	4.00	98.75	0.05	---	---
		5825	3.96	4.01	98.75	0.05	---	---
11AC40SISO	Ant2	5190	3.96	4.01	98.75	0.05	---	---
		5230	3.95	4.00	98.75	0.05	---	---
		5755	3.96	4.01	98.75	0.05	---	---
		5795	3.96	4.01	98.75	0.05	---	---
11AC80SISO	Ant2	5210	3.95	4.00	98.75	0.05	---	---
		5775	3.96	4.00	99.00	0.04	---	---

Test Graphs

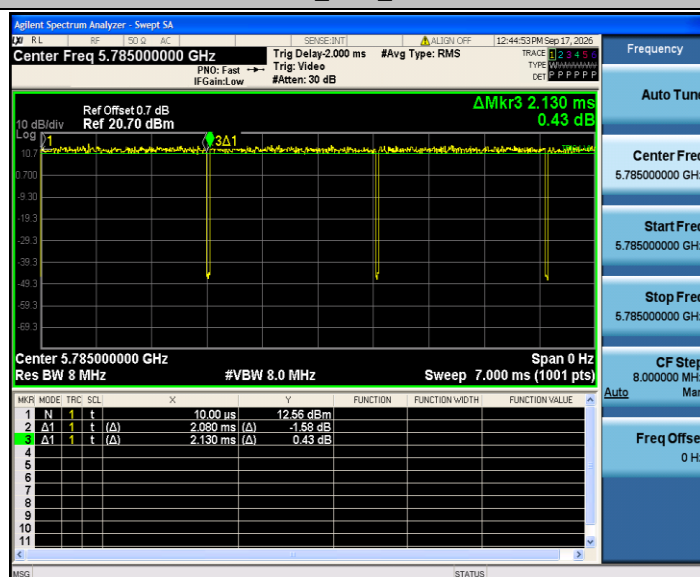




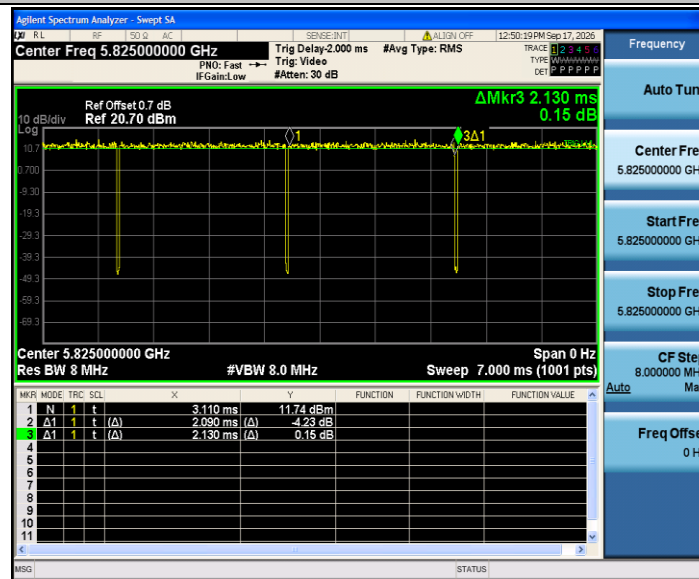
11A_Ant2_5745



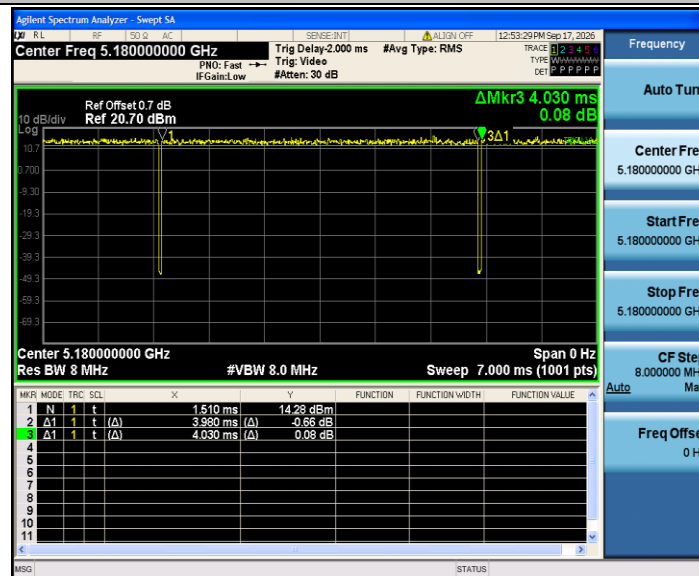
11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5180



11N20SISO_Ant2_5220