

11a\_Ant1\_5785



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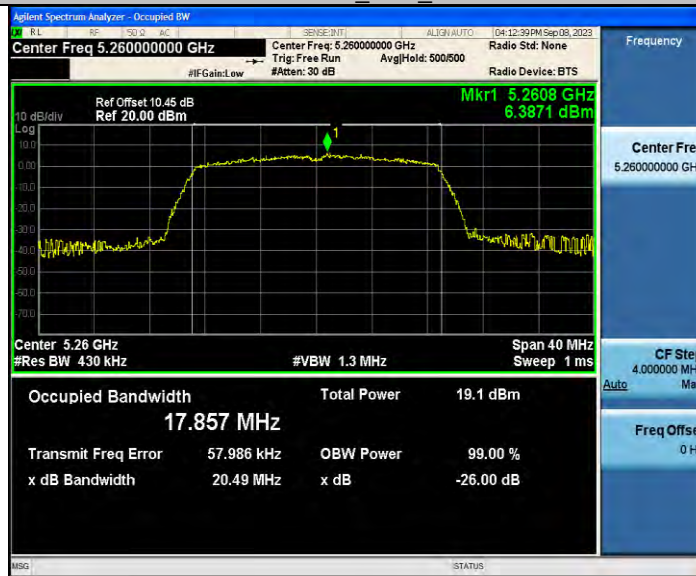
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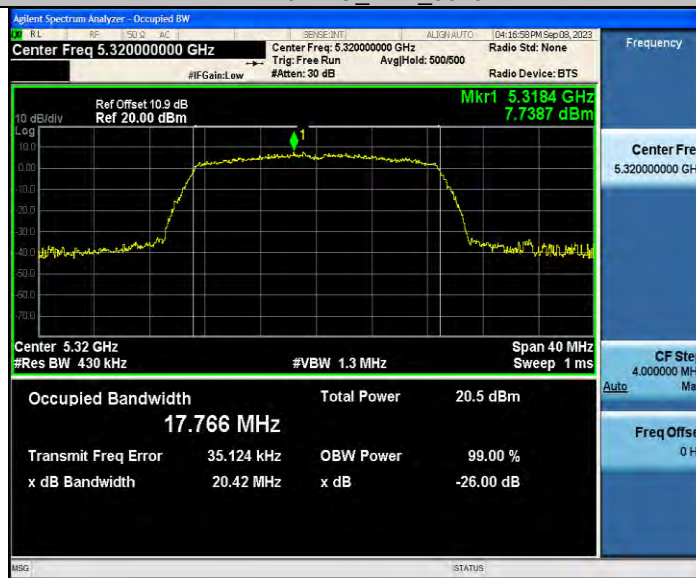
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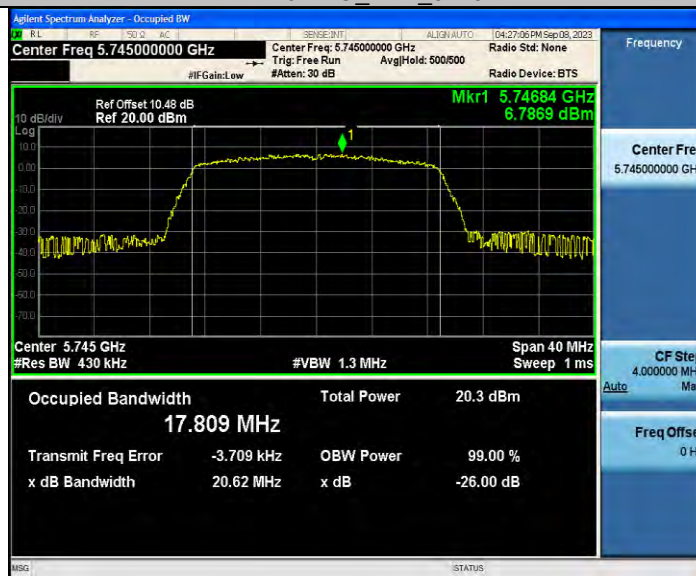
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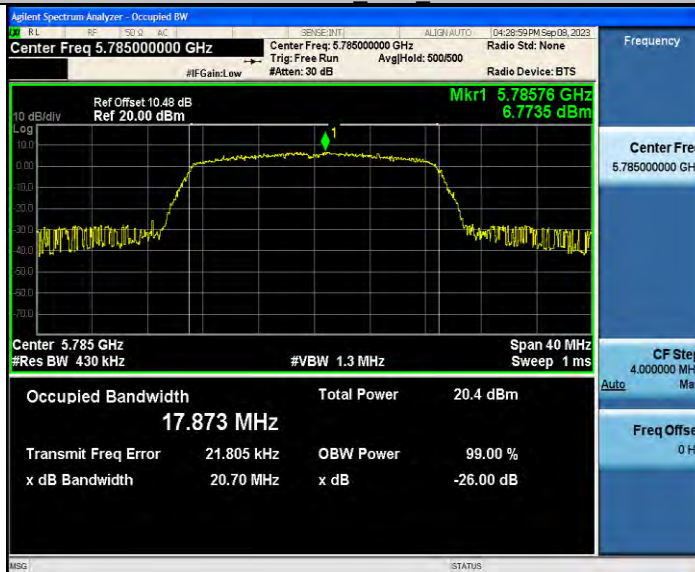


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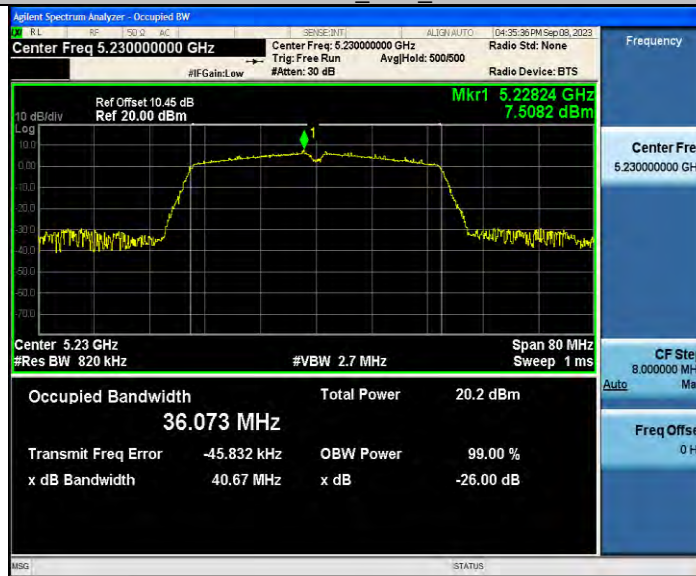


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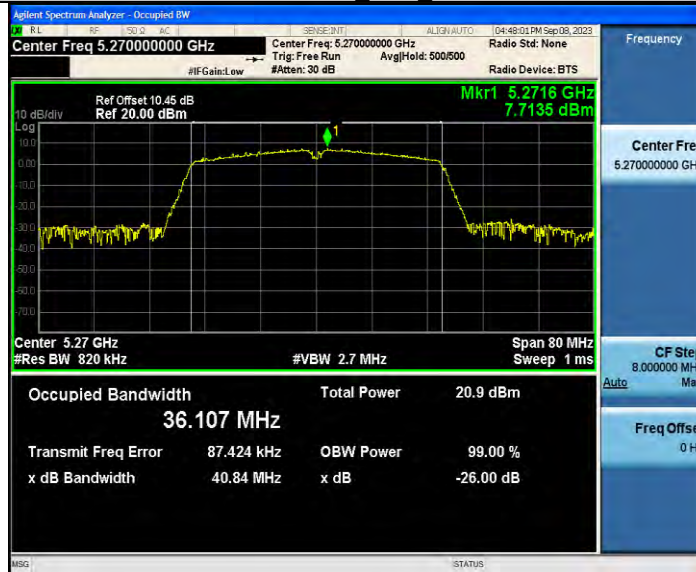
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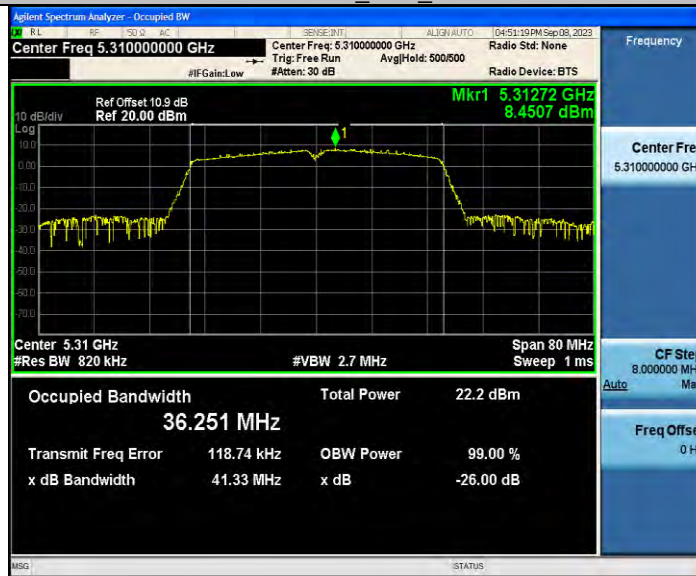
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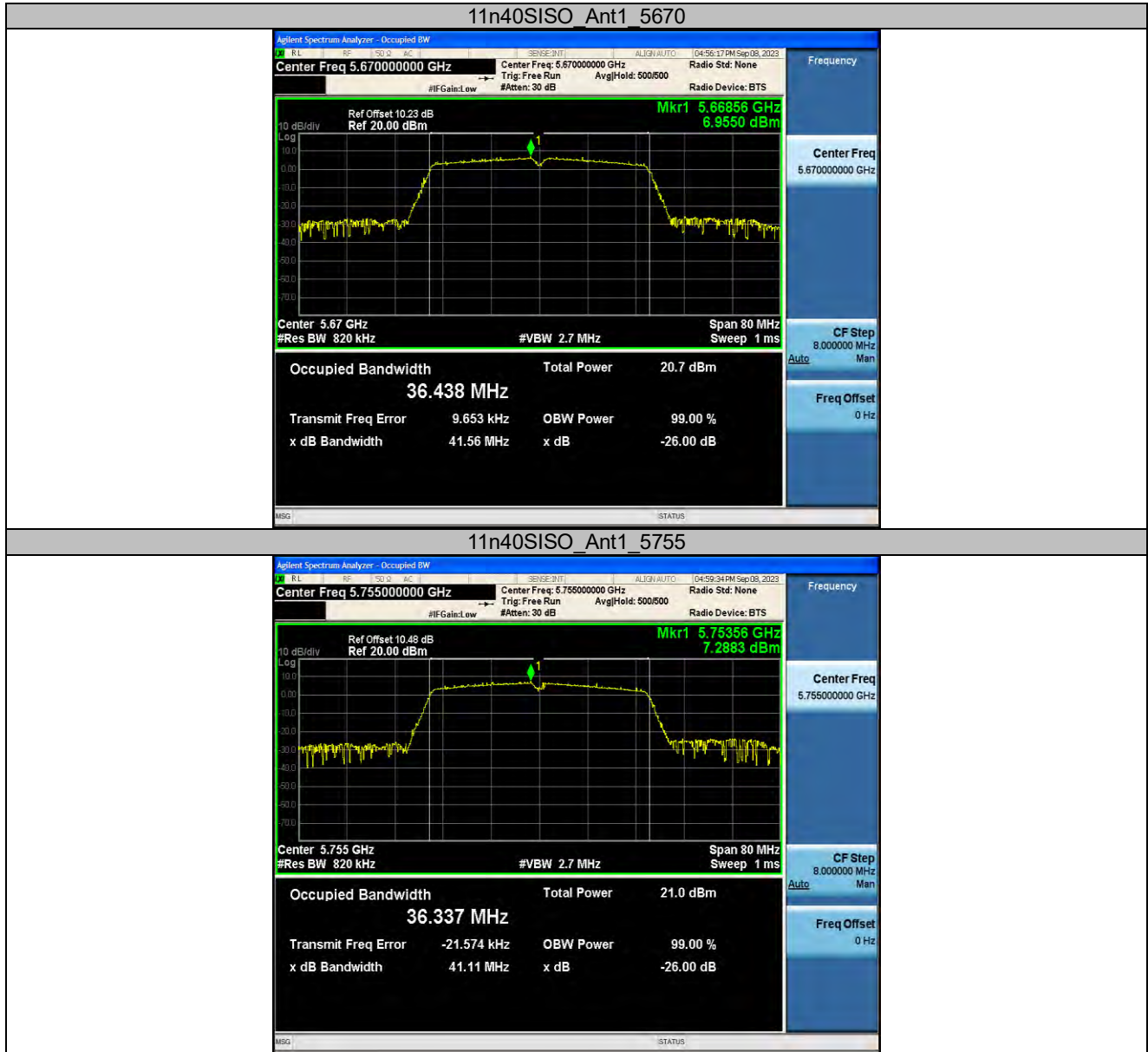


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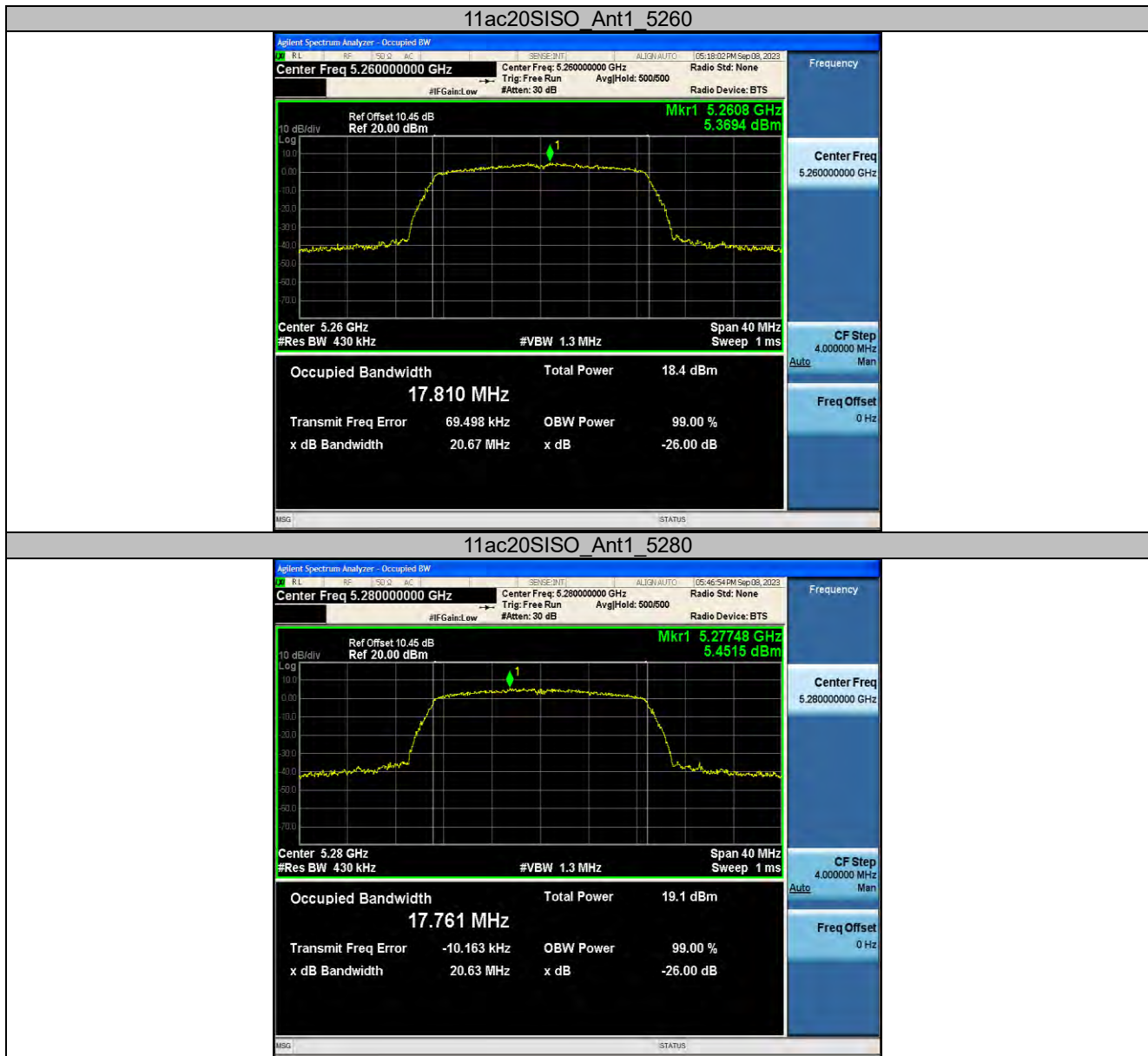
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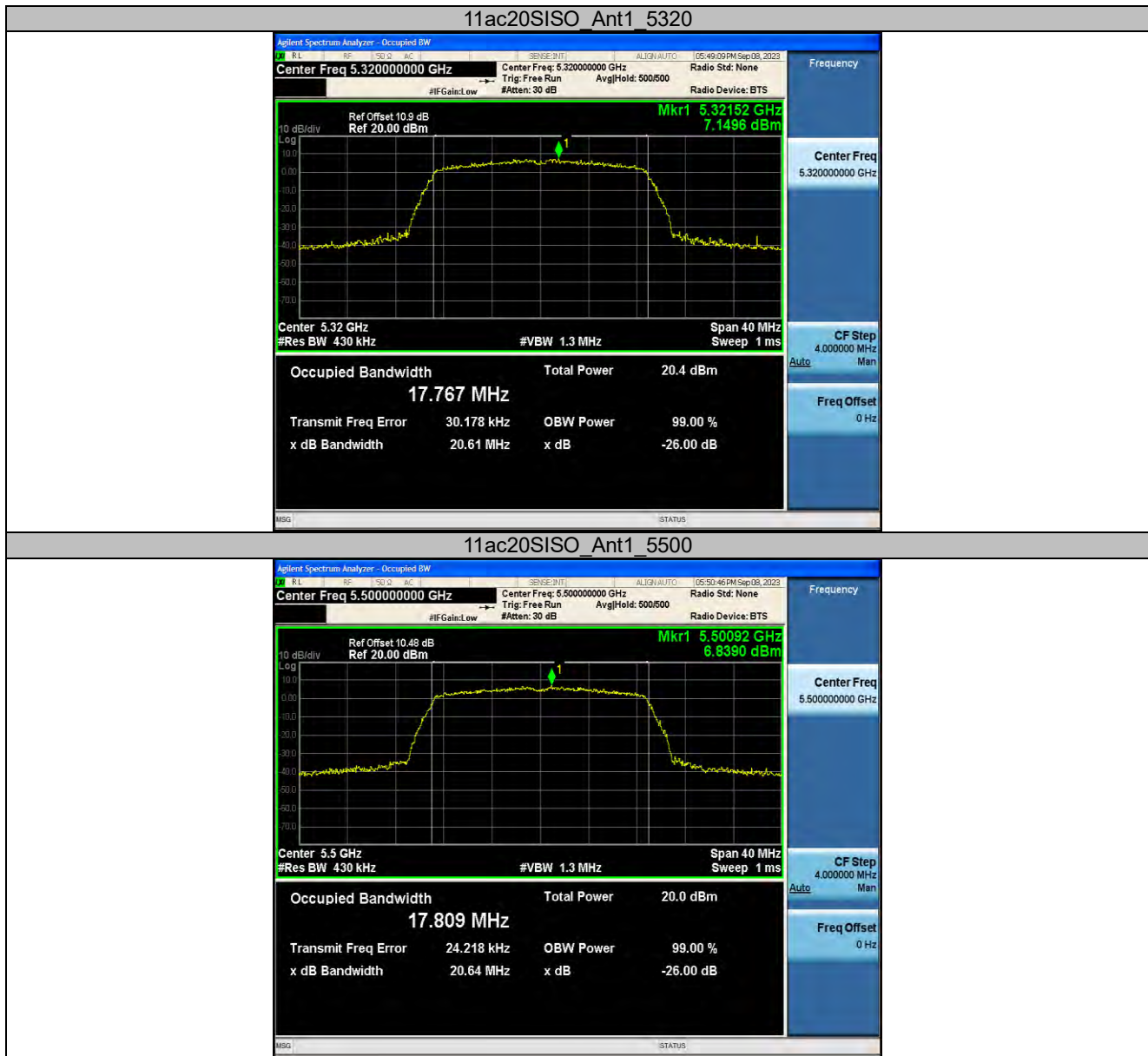


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11ac80SISO\_Ant1\_5290



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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 99 of 298

**6dB emission bandwidth  
 Test Result B4**

TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5745	12.640	5738.680	5751.320	0.5	PASS
		5785	13.840	5778.720	5792.560	0.5	PASS
		5825	14.080	5818.680	5832.760	0.5	PASS
11n20SISO	Ant1	5745	13.840	5737.440	5751.280	0.5	PASS
		5785	13.800	5778.680	5792.480	0.5	PASS
		5825	13.840	5818.680	5832.520	0.5	PASS
11n40SISO	Ant1	5755	34.960	5737.560	5772.520	0.5	PASS
		5795	33.760	5778.760	5812.520	0.5	PASS
11ac20SISO	Ant1	5745	15.480	5737.080	5752.560	0.5	PASS
		5785	14.160	5777.480	5791.640	0.5	PASS
		5825	15.080	5817.480	5832.560	0.5	PASS
11ac40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11ac80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS



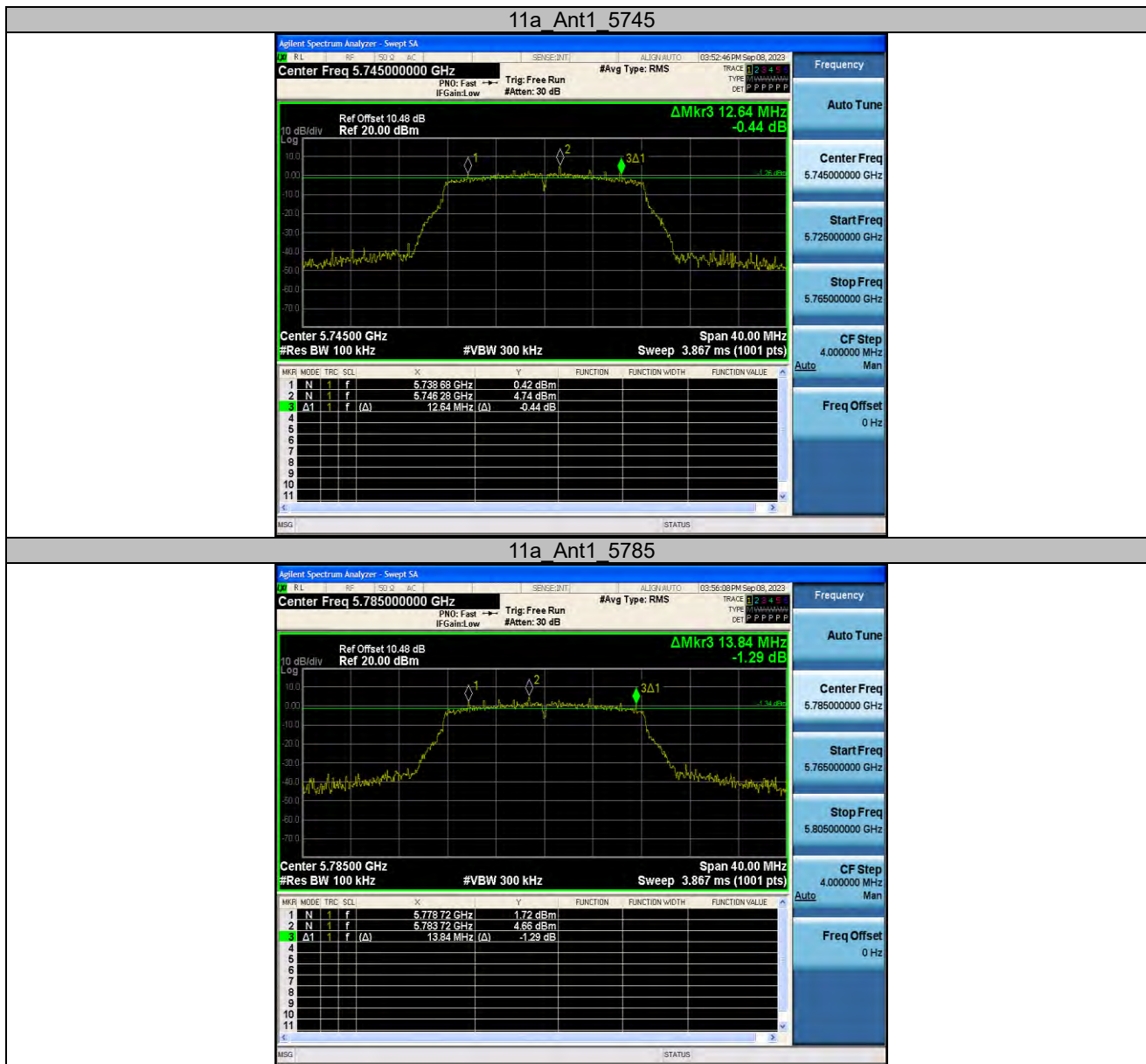
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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 100 of 298

Test Graphs B4



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11a Ant1 5825



11n20SISO\_Ant1\_5745



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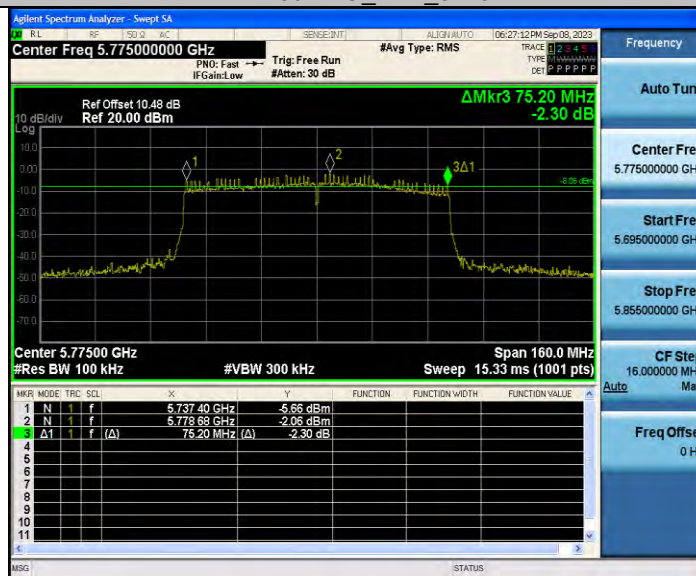


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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 107 of 298

## Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11a	Ant1	5180	1.39	1.44	96.53
11n20SISO	Ant1	5180	1.30	1.35	96.30
11n40SISO	Ant1	5190	0.65	0.70	92.86
11ac20SISO	Ant1	5180	1.31	1.36	96.32
11ac40SISO	Ant1	5190	0.65	0.69	94.20
11ac80SISO	Ant1	5210	0.33	0.37	89.19

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11a	1.39	1.44	96.53	0.71942	0.82KHz
11n20SISO	1.30	1.35	96.30	0.76923	0.82KHz
11n40SISO	0.65	0.70	92.86	1.53846	1.6KHz
11ac80SISO	0.33	0.37	89.19	3.03030	3.3KHz

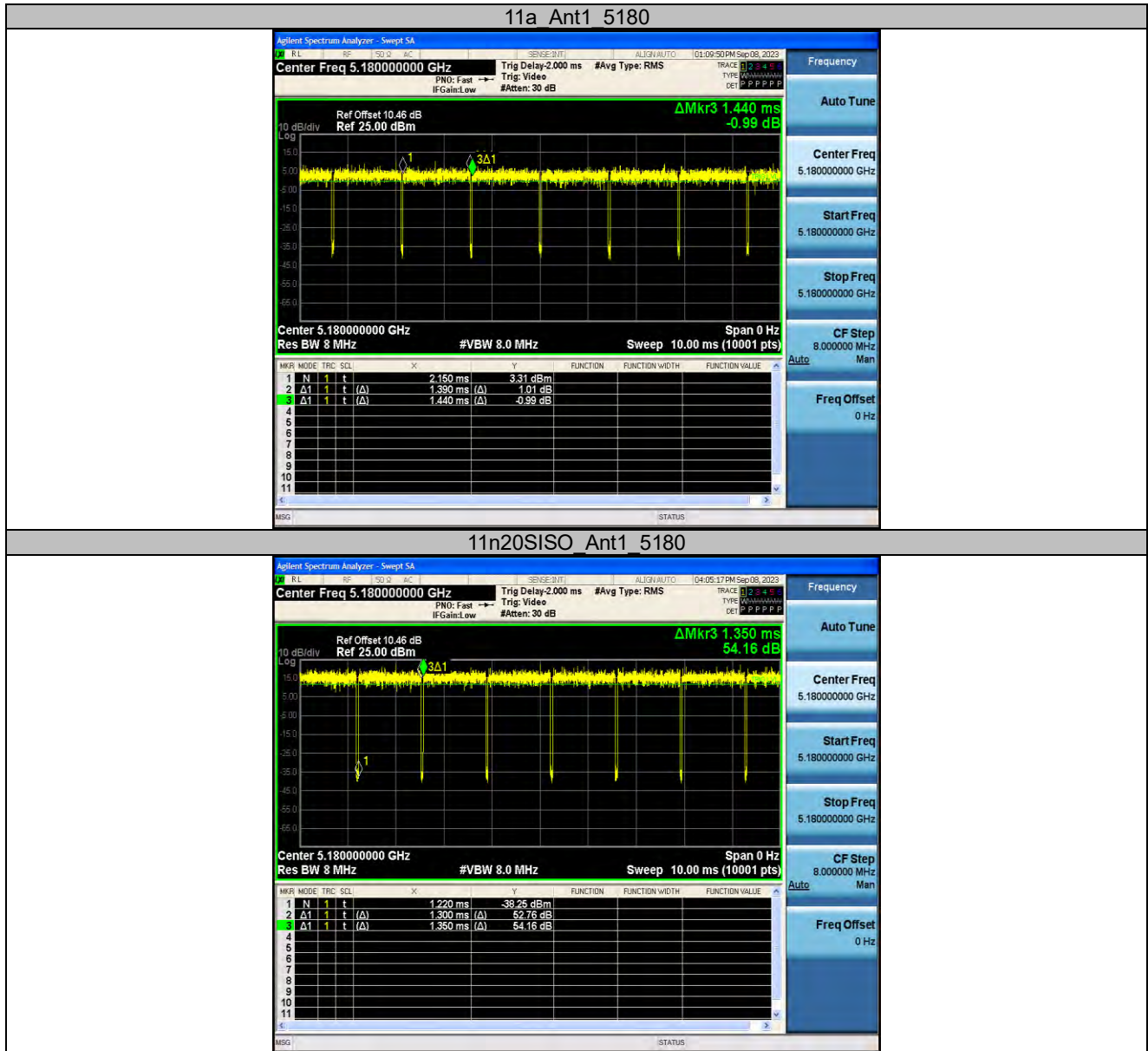


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Test Graphs

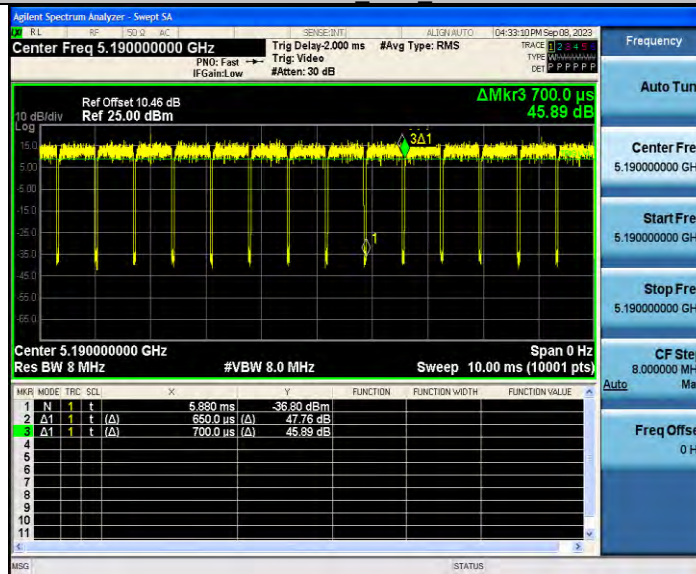


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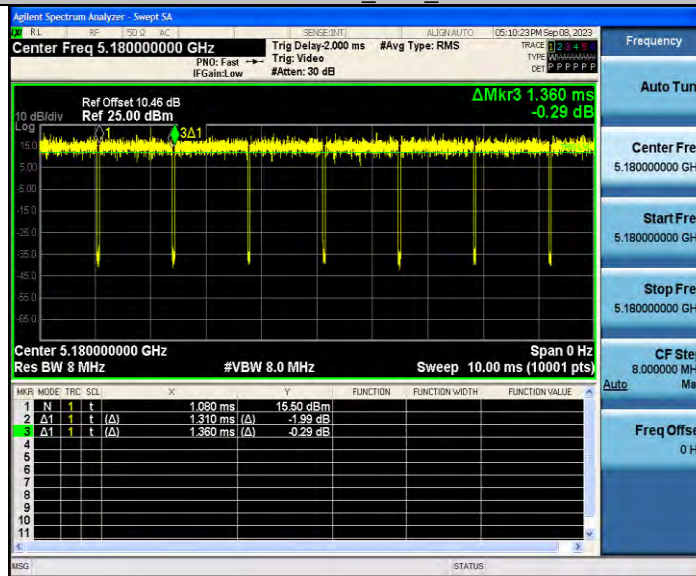
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11n40SISO\_Ant1\_5190



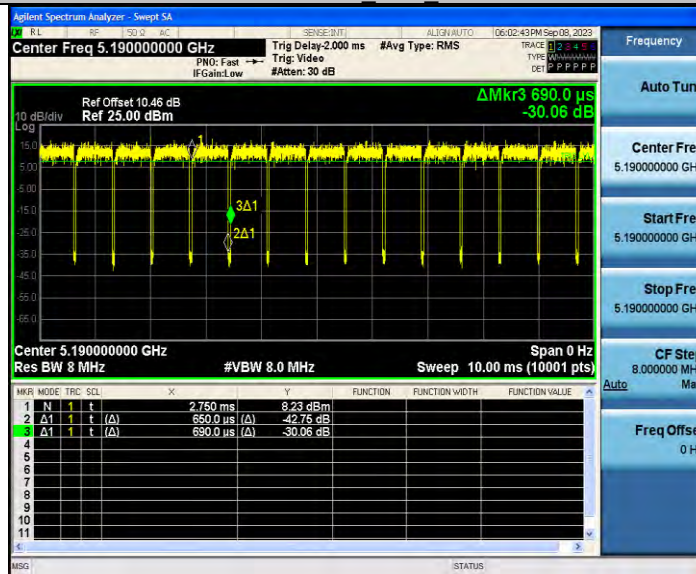
11ac20SISO\_Ant1\_5180



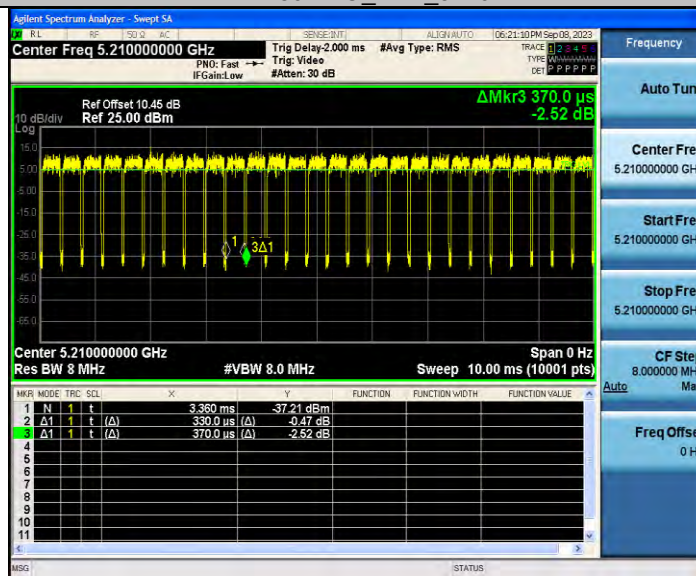
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11ac40SISO\_Ant1\_5190



11ac80SISO\_Ant1\_5210



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**Maximum conducted output power  
 Test Result Channel Power**

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Limit [dBm]	Verdict
11a	Ant1	5180	14.23	≤23.98	PASS
		5200	14.16	≤23.98	PASS
		5240	14.27	≤23.98	PASS
		5260	14.21	≤23.98	PASS
		5280	14.32	≤23.98	PASS
		5320	14.11	≤23.98	PASS
		5500	14.31	≤23.98	PASS
		5580	14.12	≤23.98	PASS
		5700	14.29	≤23.98	PASS
		5745	14.43	≤30.00	PASS
		5785	14.53	≤30.00	PASS
		5825	14.48	≤30.00	PASS
11n20SISO	Ant1	5180	13.17	≤23.98	PASS
		5200	13.09	≤23.98	PASS
		5240	13.08	≤23.98	PASS
		5260	13.11	≤23.98	PASS
		5280	13.08	≤23.98	PASS
		5320	13.01	≤23.98	PASS
		5500	13.59	≤23.98	PASS
		5580	13.47	≤23.98	PASS
		5700	13.14	≤23.98	PASS
		5745	13.18	≤30.00	PASS
		5785	13.18	≤30.00	PASS
		5825	13.32	≤30.00	PASS
11n40SISO	Ant1	5190	13.36	≤23.98	PASS
		5230	13.37	≤23.98	PASS
		5270	13.31	≤23.98	PASS
		5310	13.28	≤23.98	PASS
		5510	13.29	≤23.98	PASS
		5550	13.38	≤23.98	PASS
		5670	13.36	≤23.98	PASS
		5755	13.01	≤30.00	PASS
		5795	13.26	≤30.00	PASS
		5825	13.26	≤30.00	PASS
11ac20SISO	Ant1	5180	12.89	≤23.98	PASS
		5200	12.78	≤23.98	PASS
		5240	12.65	≤23.98	PASS
		5260	12.58	≤23.98	PASS
		5280	12.72	≤23.98	PASS
		5320	12.68	≤23.98	PASS
		5500	12.76	≤23.98	PASS
		5580	12.68	≤23.98	PASS
		5700	12.57	≤23.98	PASS
		5745	12.72	≤30.00	PASS
		5785	12.83	≤30.00	PASS
		5825	12.75	≤30.00	PASS
11ac40SISO	Ant1	5190	12.98	≤23.98	PASS



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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 112 of 298

		5230	12.99	≤23.98	PASS
		5270	12.73	≤23.98	PASS
		5310	12.63	≤23.98	PASS
		5510	12.83	≤23.98	PASS
		5550	12.83	≤23.98	PASS
		5670	12.50	≤23.98	PASS
		5755	12.60	≤30.00	PASS
		5795	12.76	≤30.00	PASS
11ac80SISO	Ant1	5210	12.60	≤23.98	PASS
		5290	12.62	≤23.98	PASS
		5530	12.59	≤23.98	PASS
		5775	12.78	≤30.00	PASS



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**Maximum power spectral density  
 Test Result**

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict		
11a	Ant1	5180	3.48	≤11.00	PASS		
		5200	2.43	≤11.00	PASS		
		5240	3.28	≤11.00	PASS		
		5260	3.33	≤11.00	PASS		
		5280	4.44	≤11.00	PASS		
		5320	5.39	≤11.00	PASS		
		5500	5.43	≤11.00	PASS		
		5580	4.22	≤11.00	PASS		
		5700	4.37	≤11.00	PASS		
		5745	2.66	≤30.00	PASS		
		5785	2.39	≤30.00	PASS		
		5825	2.48	≤30.00	PASS		
11n20SISO	Ant1	5180	3.04	≤11.00	PASS		
		5200	1.45	≤11.00	PASS		
		5240	1.75	≤11.00	PASS		
		5260	2.11	≤11.00	PASS		
		5280	2.35	≤11.00	PASS		
		5320	3.64	≤11.00	PASS		
		5500	4.28	≤11.00	PASS		
		5580	3.04	≤11.00	PASS		
		5700	3.59	≤11.00	PASS		
		5745	0.67	≤30.00	PASS		
		5785	0.57	≤30.00	PASS		
		5825	0.71	≤30.00	PASS		
11n40SISO	Ant1	5190	0.31	≤11.00	PASS		
		5230	-0.17	≤11.00	PASS		
		5270	0.75	≤11.00	PASS		
		5310	1.52	≤11.00	PASS		
		5510	1.48	≤11.00	PASS		
		5550	1.46	≤11.00	PASS		
		5670	-0.17	≤11.00	PASS		
		5755	-2.48	≤30.00	PASS		
		5795	-1.94	≤30.00	PASS		
		11ac20SISO	Ant1	5180	2.27	≤11.00	PASS
5200	1.67			≤11.00	PASS		
5240	1.24			≤11.00	PASS		
5260	1.25			≤11.00	PASS		
5280	1.98			≤11.00	PASS		
5320	3.63			≤11.00	PASS		
5500	2.96			≤11.00	PASS		
5580	1.87			≤11.00	PASS		
5700	2.60			≤11.00	PASS		
5745	-0.34			≤30.00	PASS		
5785	-0.54			≤30.00	PASS		
5825	-0.69			≤30.00	PASS		
11ac40SISO	Ant1			5190	-0.43	≤11.00	PASS
				5230	0.26	≤11.00	PASS



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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 114 of 298

		5270	0.24	≤11.00	PASS
		5310	0.63	≤11.00	PASS
		5510	0.83	≤11.00	PASS
		5550	0.75	≤11.00	PASS
		5670	-0.47	≤11.00	PASS
		5755	-3.85	≤30.00	PASS
		5795	-2.37	≤30.00	PASS
11ac80SISO	Ant1	5210	-3.98	≤11.00	PASS
		5290	-3.06	≤11.00	PASS
		5530	-3.33	≤11.00	PASS
		5775	-5.43	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

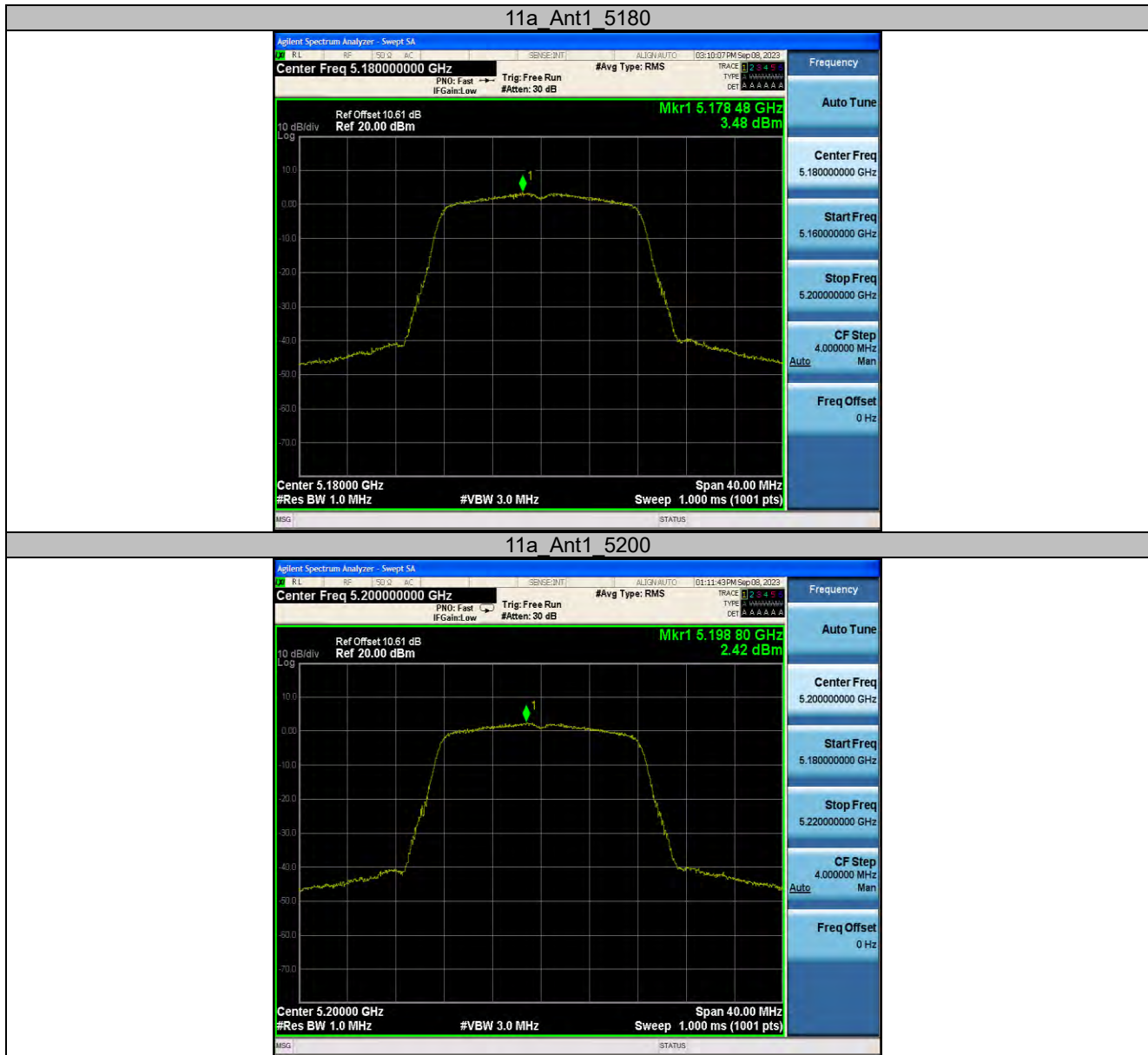


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Test Graphs



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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 116 of 298

11a\_Ant1\_5240



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Report No.: XEWM2309000447RG05  
 Rev.: 01  
 Page: 117 of 298

11a\_Ant1\_5280



11a\_Ant1\_5320



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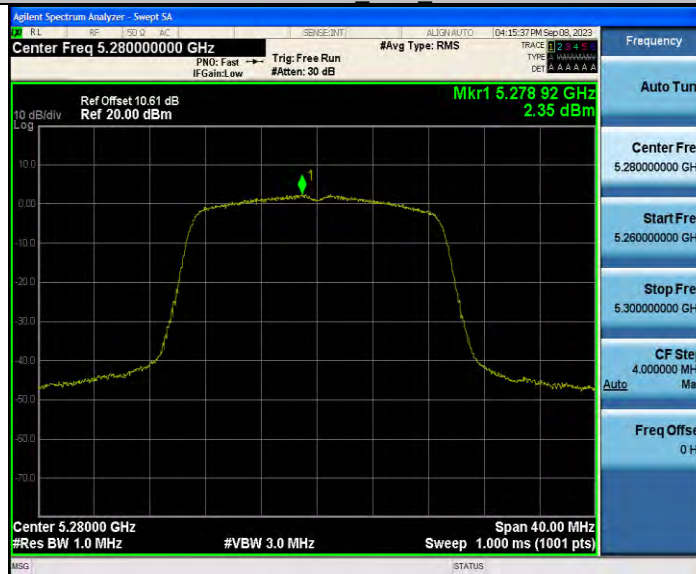
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