



11AX40SISO Ant1 5755



11AX40SISO Ant1 5795

**13.2. Appendix A2: Occupied Channel Bandwidth****13.2.1. Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict		
11A	Ant1	5180	17.978	5170.960	5188.938	PASS		
		5200	17.899	5191.050	5208.949	PASS		
		5240	18.037	5230.969	5249.006	PASS		
		5260	17.961	5251.007	5268.968	PASS		
		5280	18.018	5271.000	5289.018	PASS		
		5320	18.011	5310.974	5328.985	PASS		
		5500	18.103	5490.931	5509.034	PASS		
		5580	18.094	5570.879	5588.973	PASS		
		5700	18.017	5690.829	5708.846	PASS		
		5720	18.034	5710.838	5728.872	PASS		
		5720 UNII-2C	14.162	5710.838	5725	PASS		
		5720 UNII-3	3.872	5725	5728.872	PASS		
		5745	18.028	5735.829	5753.857	PASS		
		5785	17.979	5775.915	5793.894	PASS		
11N20SISO	Ant1	5180	19.131	5170.525	5189.656	PASS		
		5200	19.113	5190.557	5209.670	PASS		
		5240	19.084	5230.479	5249.563	PASS		
		5260	19.139	5250.479	5269.618	PASS		
		5280	19.190	5270.473	5289.663	PASS		
		5320	19.105	5310.453	5329.558	PASS		
		5500	19.270	5490.467	5509.737	PASS		
		5580	19.174	5570.408	5589.582	PASS		
		5700	19.225	5690.248	5709.473	PASS		
		5720	19.249	5710.288	5729.537	PASS		
		5720 UNII-2C	14.712	5710.288	5725	PASS		
		5720 UNII-3	4.537	5725	5729.537	PASS		
		5745	19.161	5735.312	5754.473	PASS		
		5785	19.245	5775.325	5794.570	PASS		
11N40SISO	Ant1	5190	37.515	5171.313	5208.828	PASS		
		5230	37.462	5211.409	5248.871	PASS		
		5270	37.563	5251.277	5288.840	PASS		
		5310	37.478	5291.307	5328.785	PASS		
		5510	37.708	5491.195	5528.903	PASS		
		5550	37.652	5531.212	5568.864	PASS		
		5670	37.675	5650.978	5688.653	PASS		
		5710	37.567	5691.029	5728.596	PASS		
		5710 UNII-2C	33.971	5691.029	5725	PASS		
		5710 UNII-3	3.596	5725	5728.596	PASS		
		5755	37.639	5736.029	5773.668	PASS		
		5795	37.679	5776.108	5813.787	PASS		
		11AX20SISO	Ant1	5180	19.695	5170.221	5189.916	PASS
				5200	19.705	5190.187	5209.892	PASS
5240	19.601			5230.259	5249.860	PASS		
5260	19.662			5250.193	5269.855	PASS		
5280	19.659			5270.218	5289.877	PASS		
5320	19.763			5310.183	5329.946	PASS		
5500	19.785			5490.139	5509.924	PASS		
5580	19.680			5570.178	5589.858	PASS		
5700	19.643			5690.112	5709.755	PASS		
5720	19.726	5710.126	5729.852	PASS				

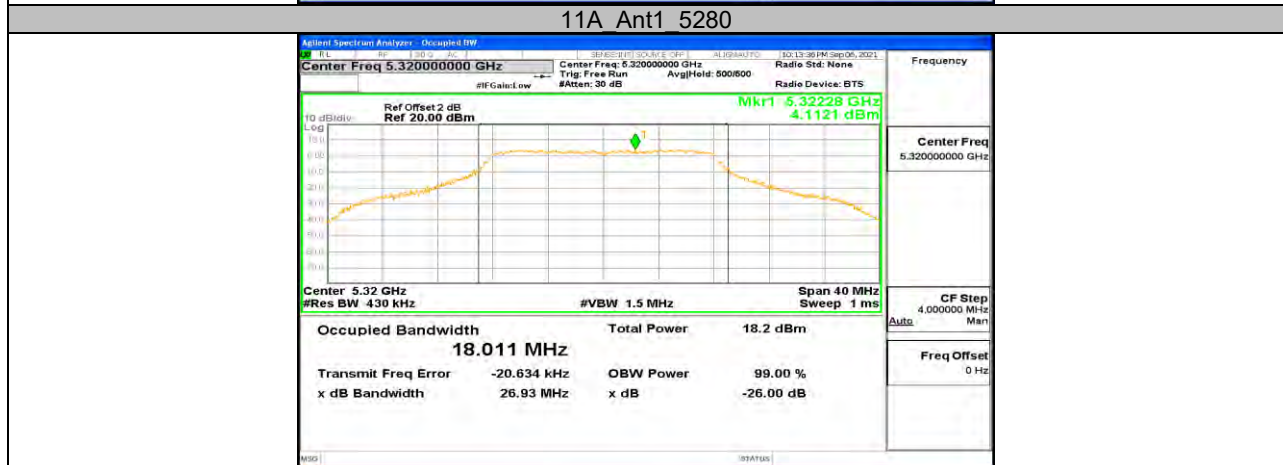
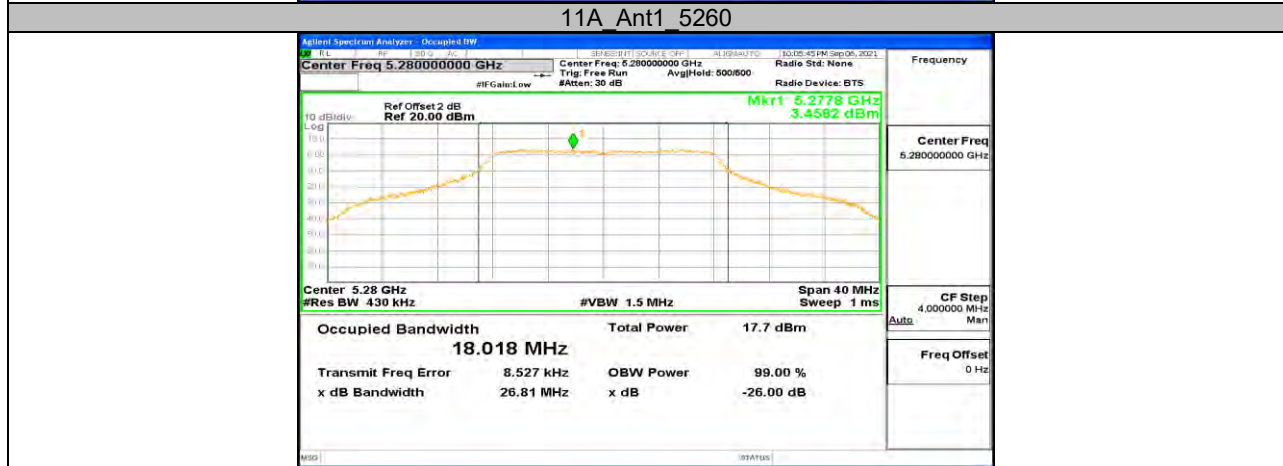
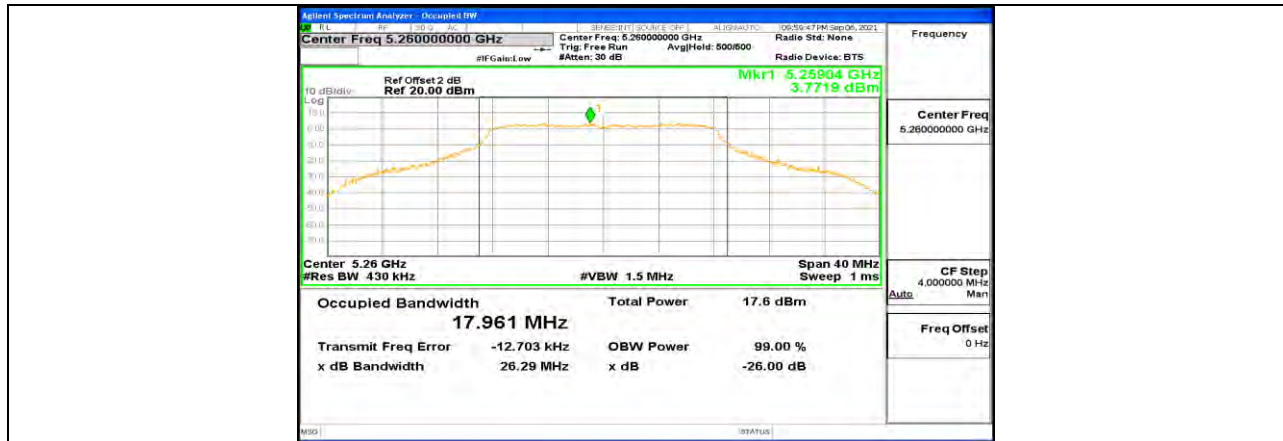


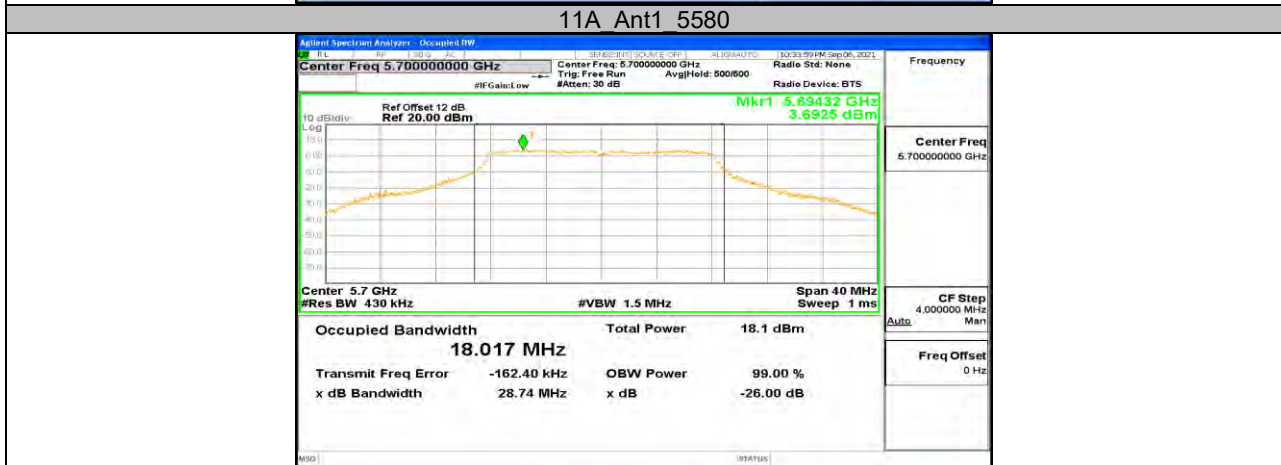
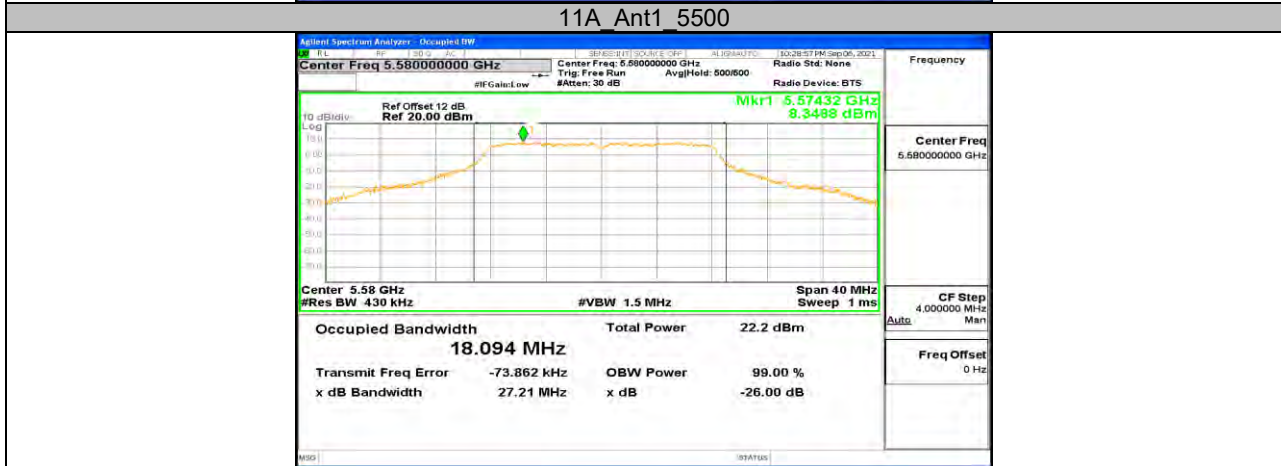
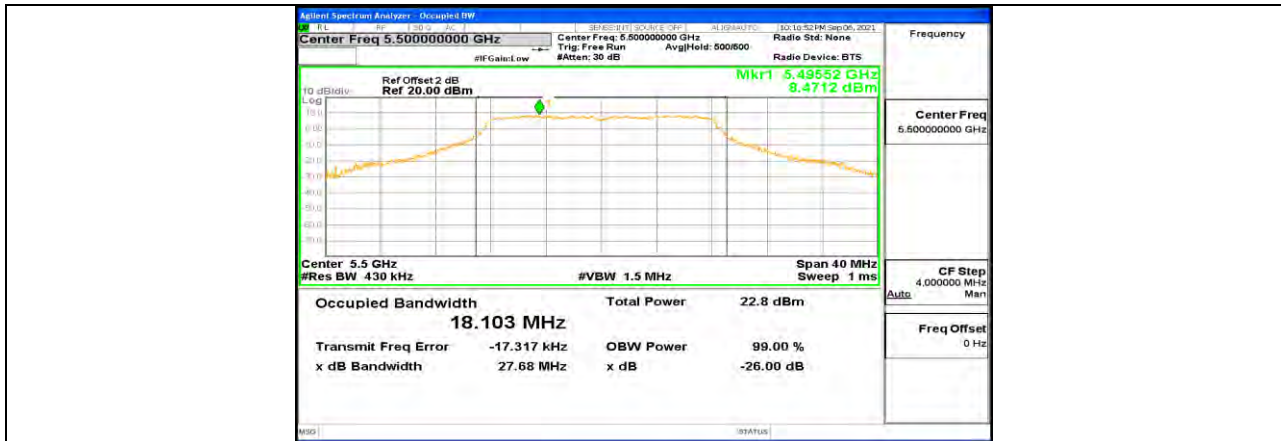
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		5720 UNII-3	4.852	5725	5729.852	PASS
		5745	19.733	5735.100	5754.833	PASS
		5785	19.653	5775.158	5794.811	PASS
		5825	19.747	5815.102	5834.849	PASS
		5190	38.371	5170.877	5209.248	PASS
		5230	38.490	5210.829	5249.319	PASS
		5270	38.515	5250.785	5289.300	PASS
		5310	38.404	5290.864	5329.268	PASS
		5510	38.453	5490.843	5529.296	PASS
		5550	38.557	5530.711	5569.268	PASS
		5670	38.512	5650.619	5689.131	PASS
		5710	38.468	5690.618	5729.086	PASS
		5710 UNII-2C	34.382	5690.618	5725	PASS
		5710 UNII-3	4.086	5725	5729.086	PASS
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		5795	38.460	5775.729	5814.189	PASS
11AX40SISO	Ant1					

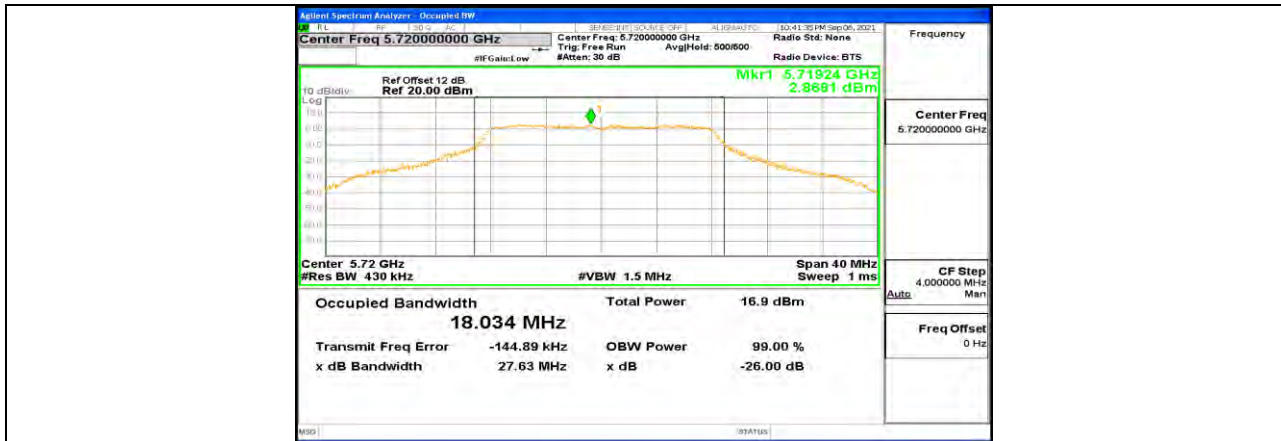


### 13.2.2. Test Graphs

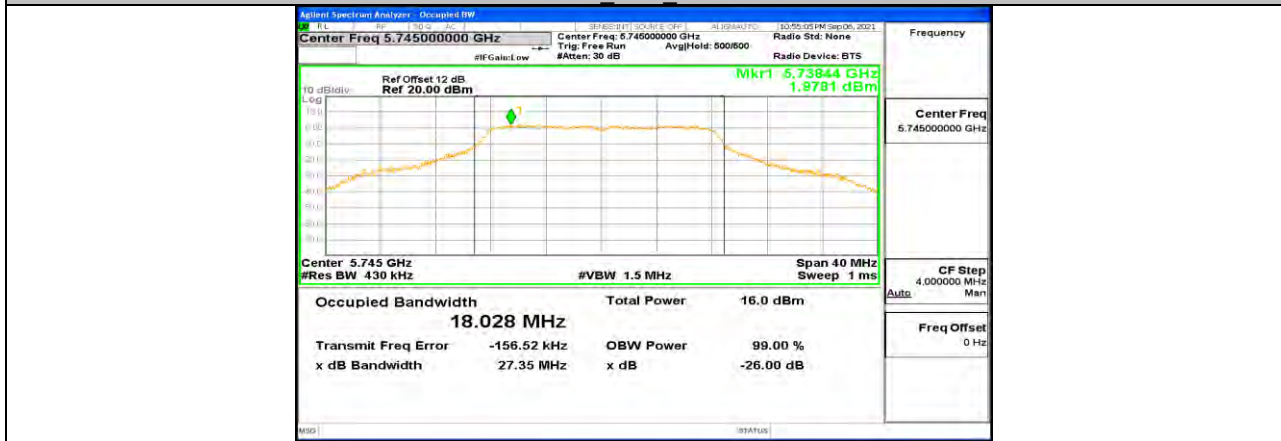




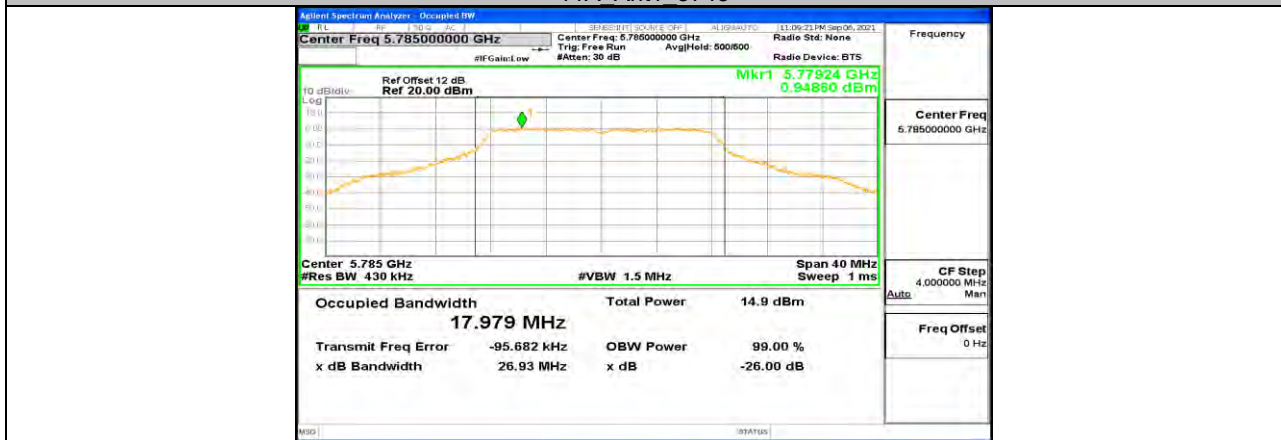




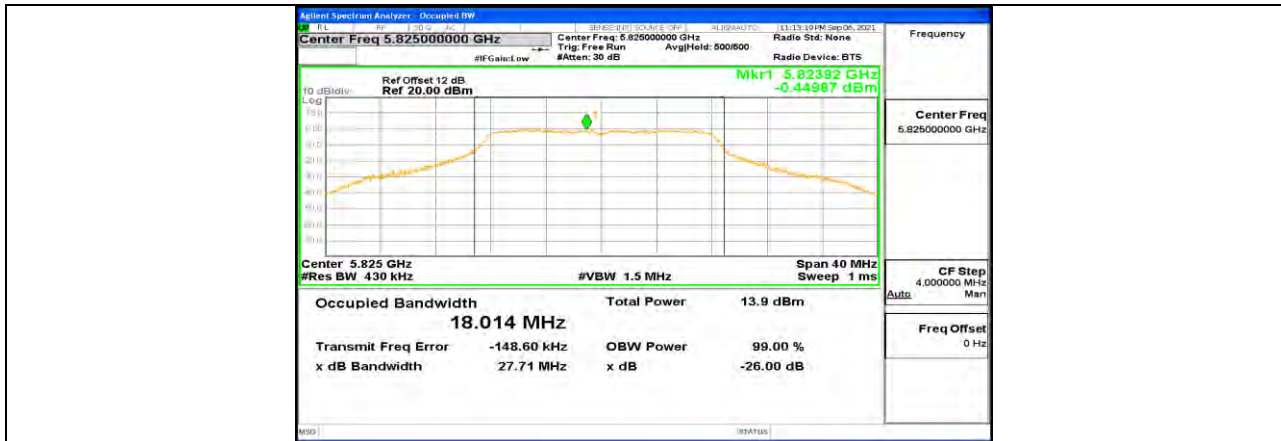
11A Ant1 5720



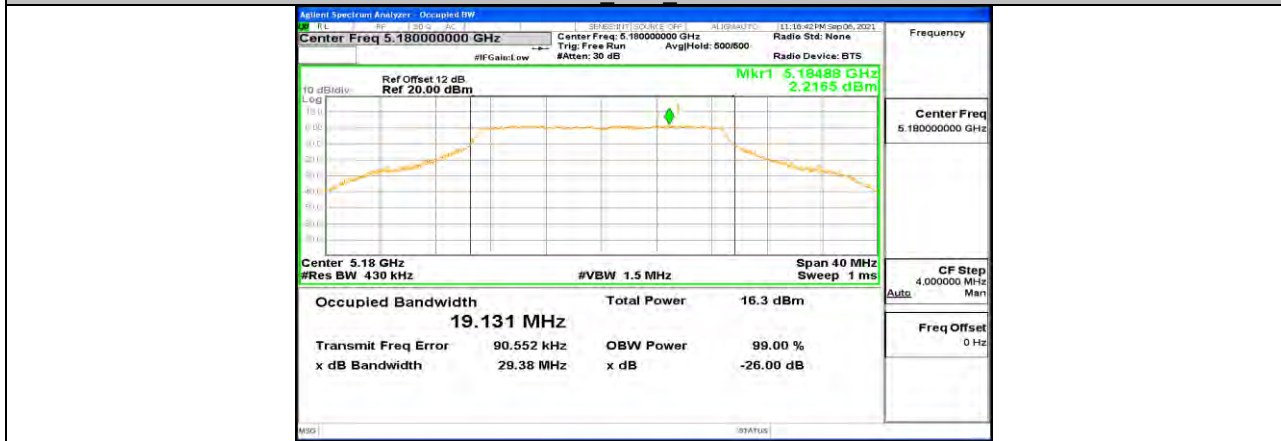
11A Ant1 5745



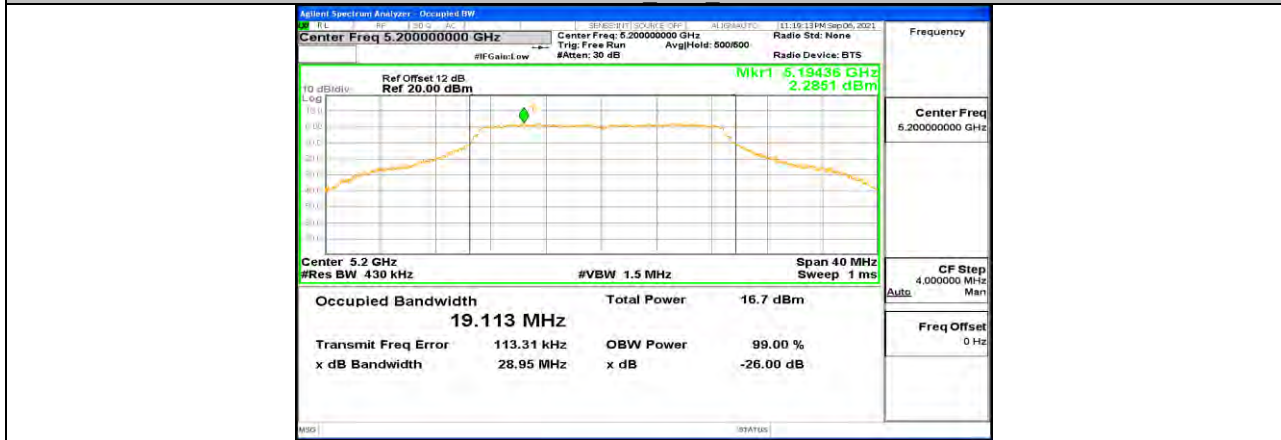
11A Ant1 5785



11A Ant1 5825

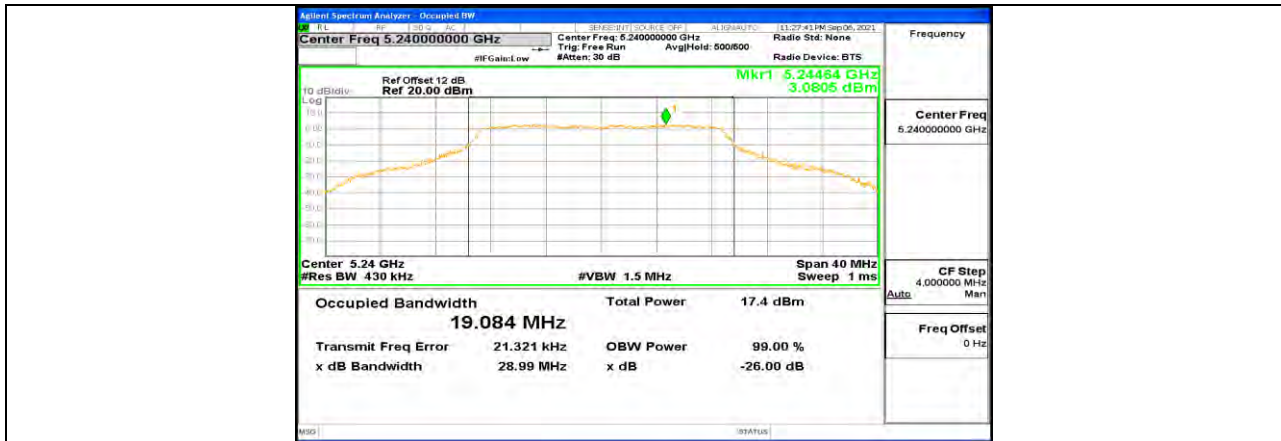


11N20SISO Ant1 5180

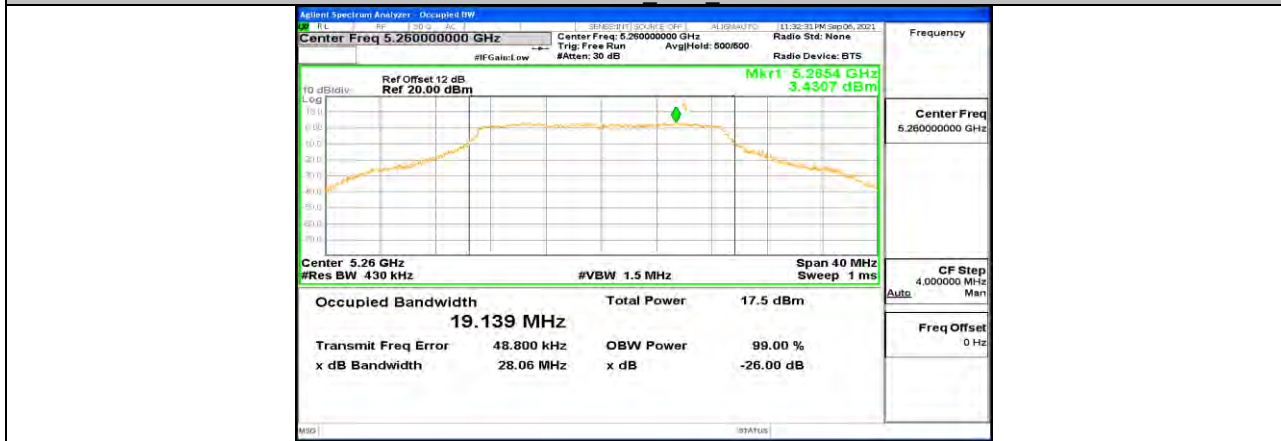


11N20SISO Ant1 5200

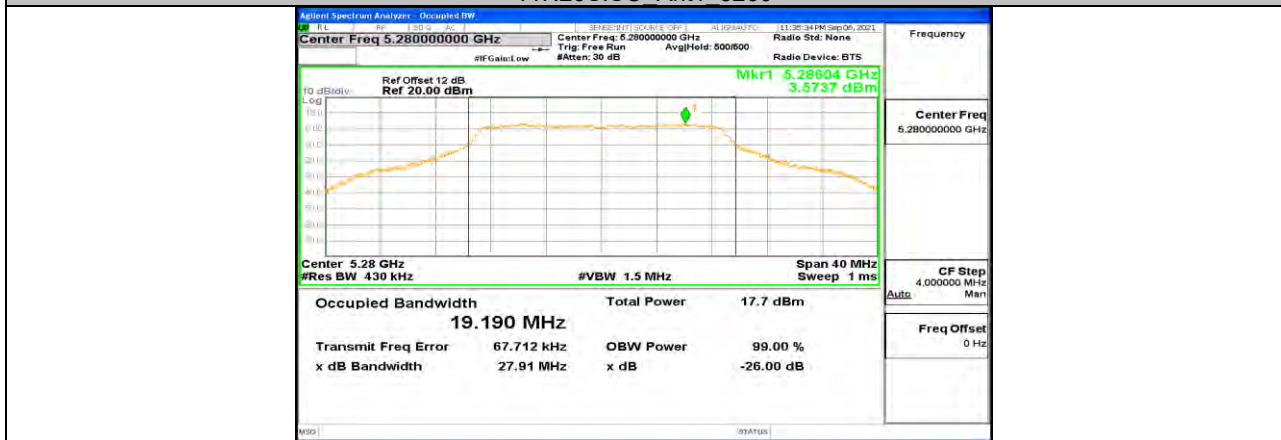




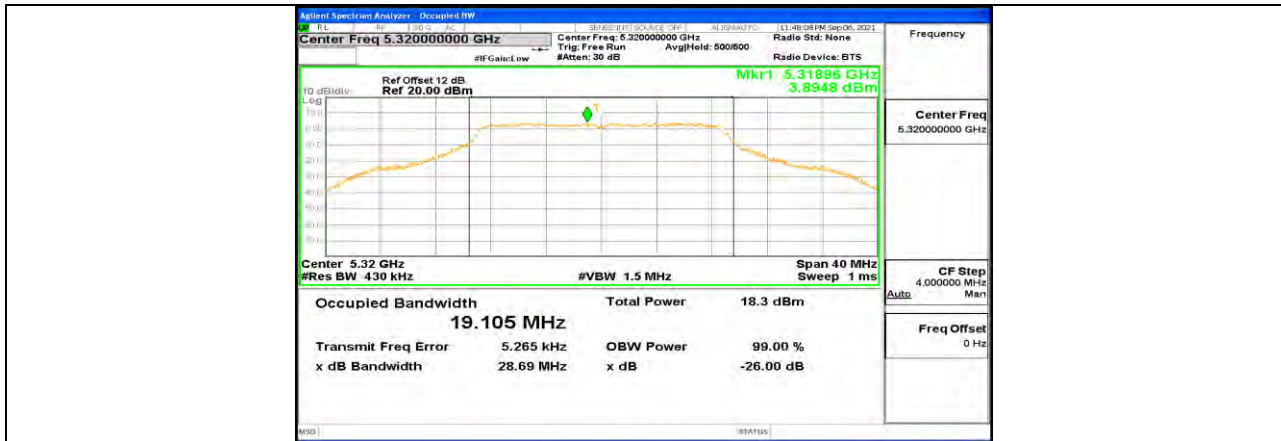
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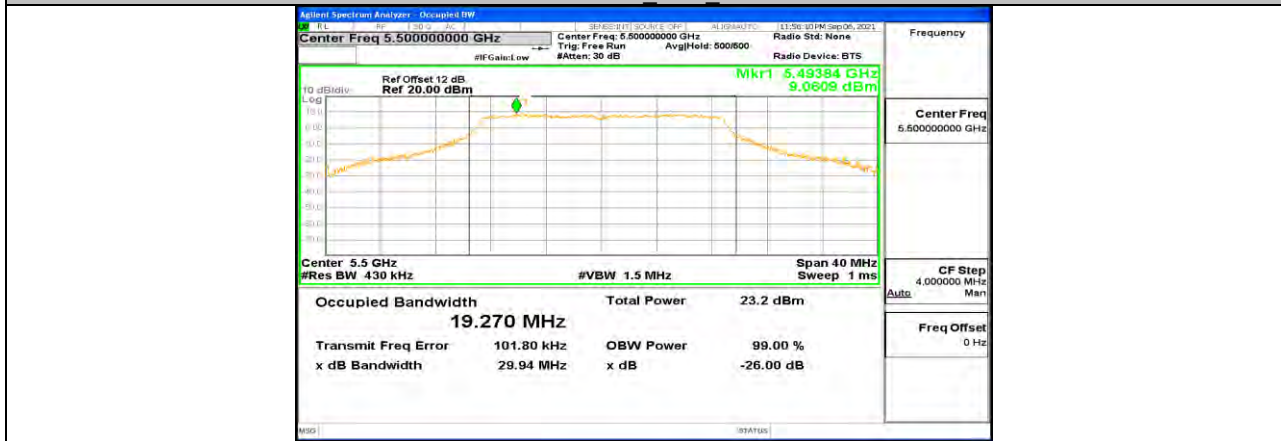
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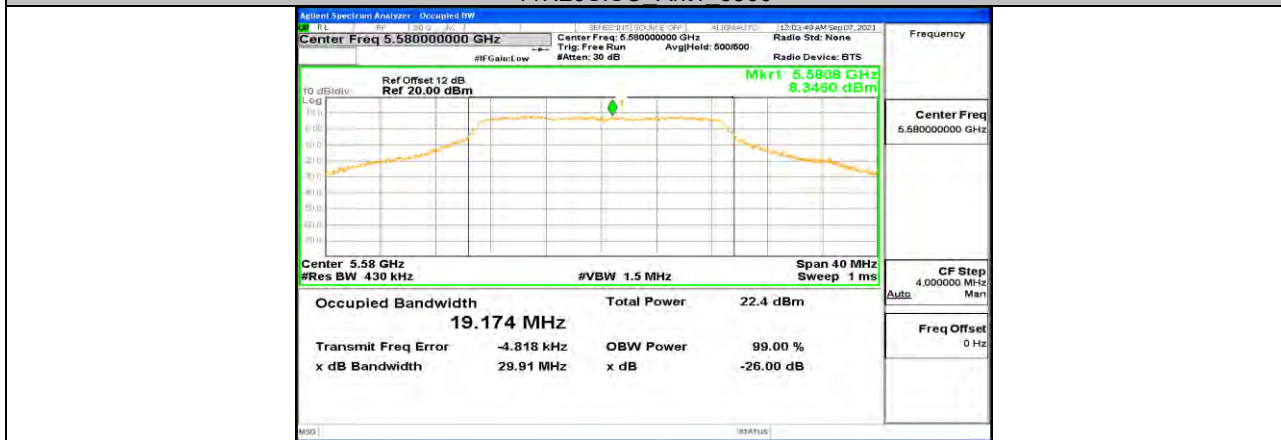
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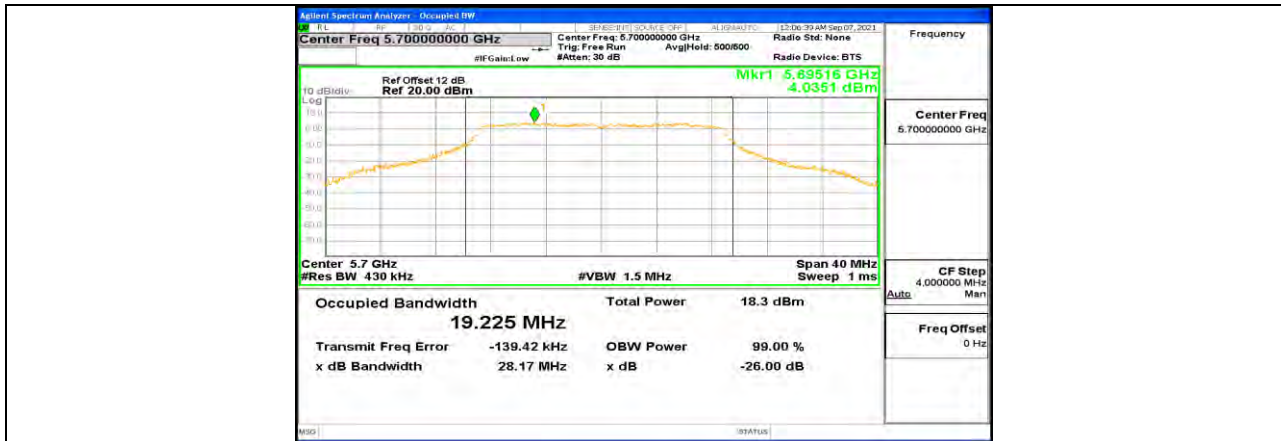
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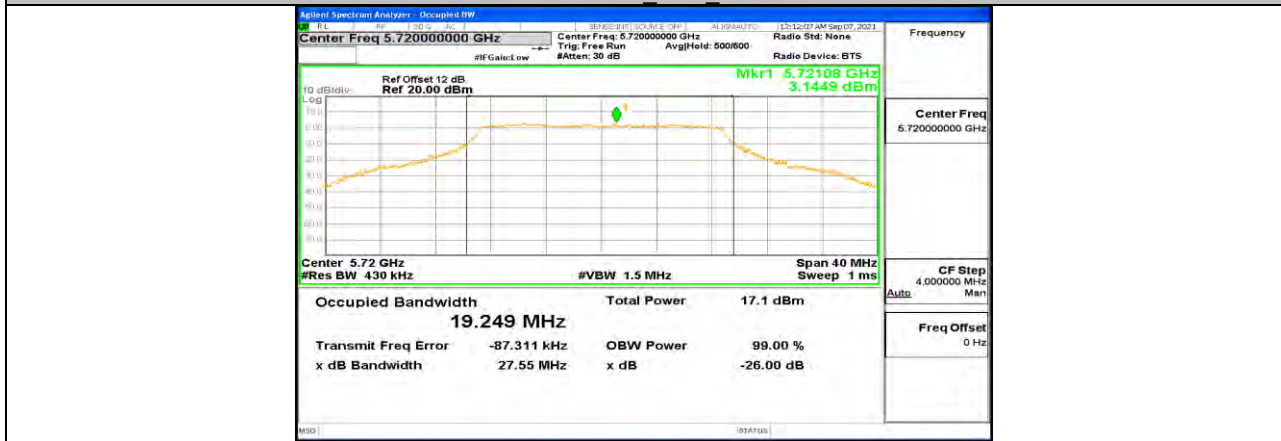
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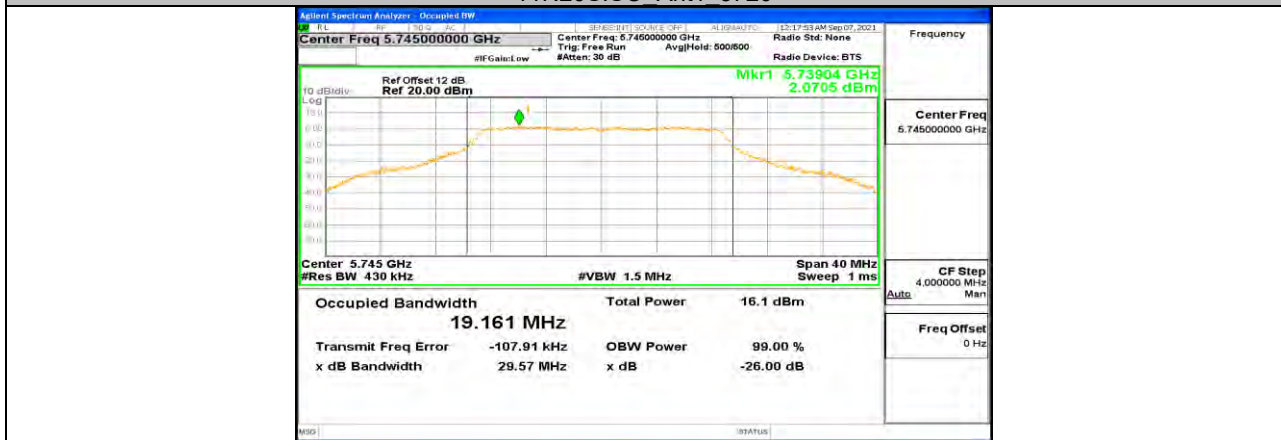
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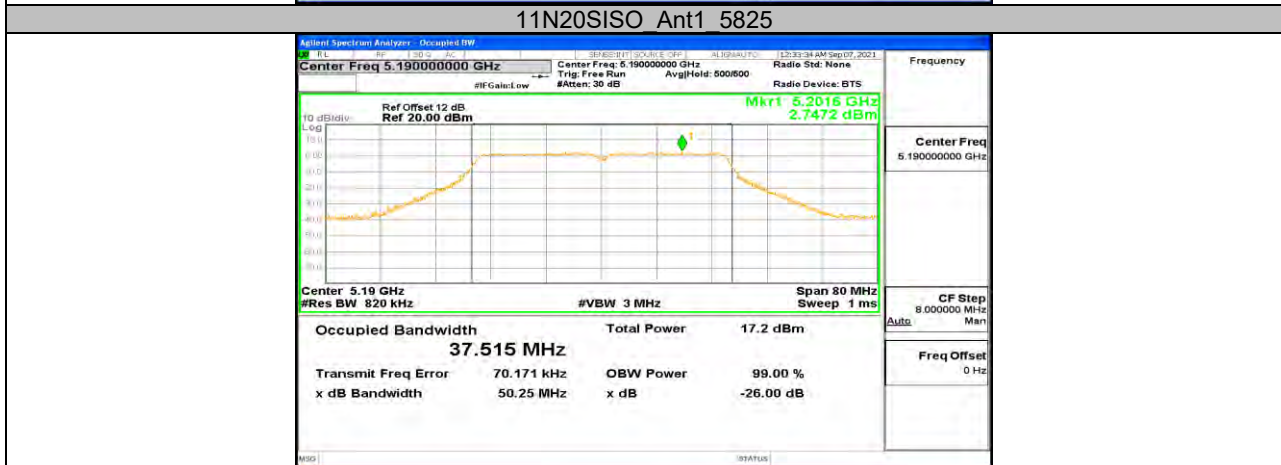
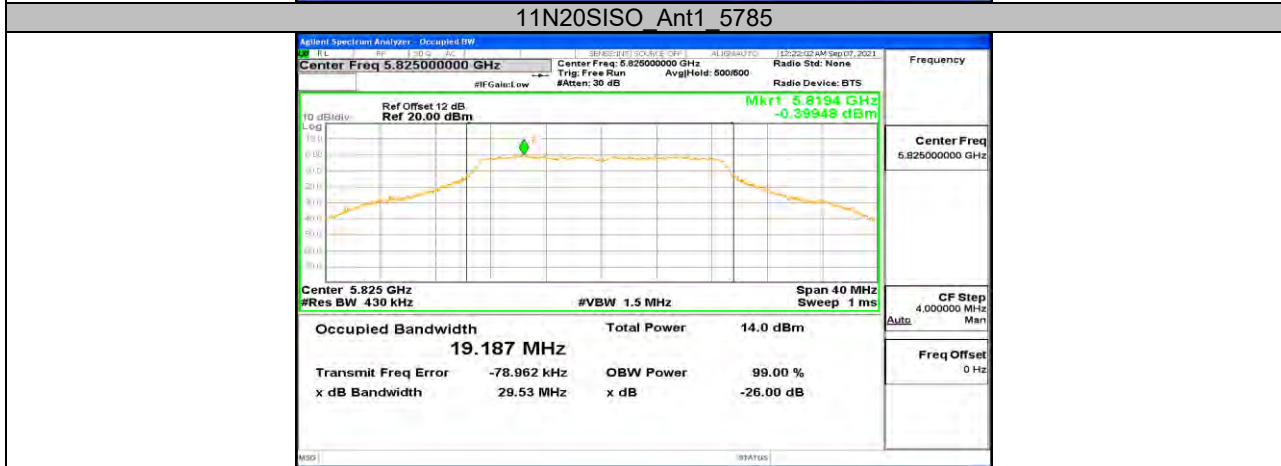
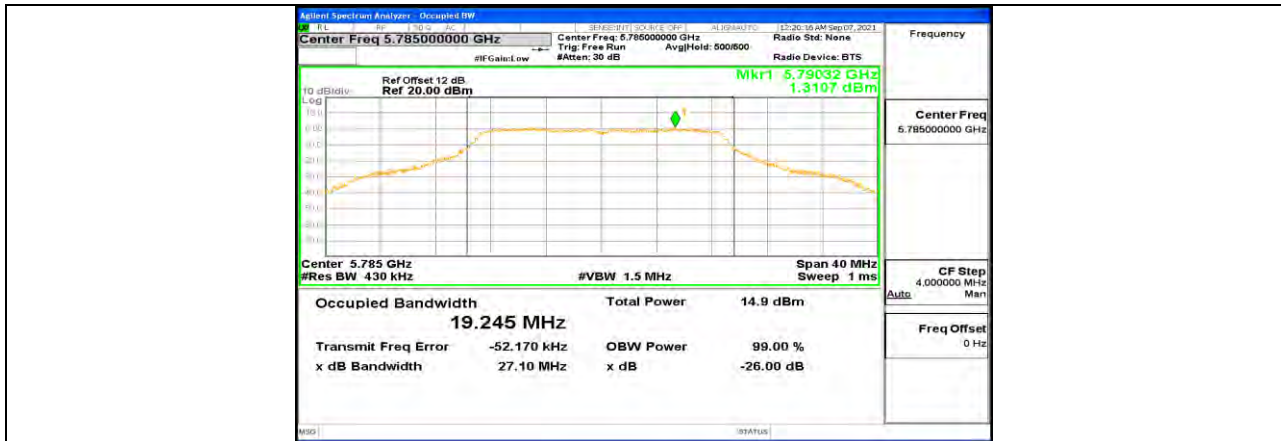
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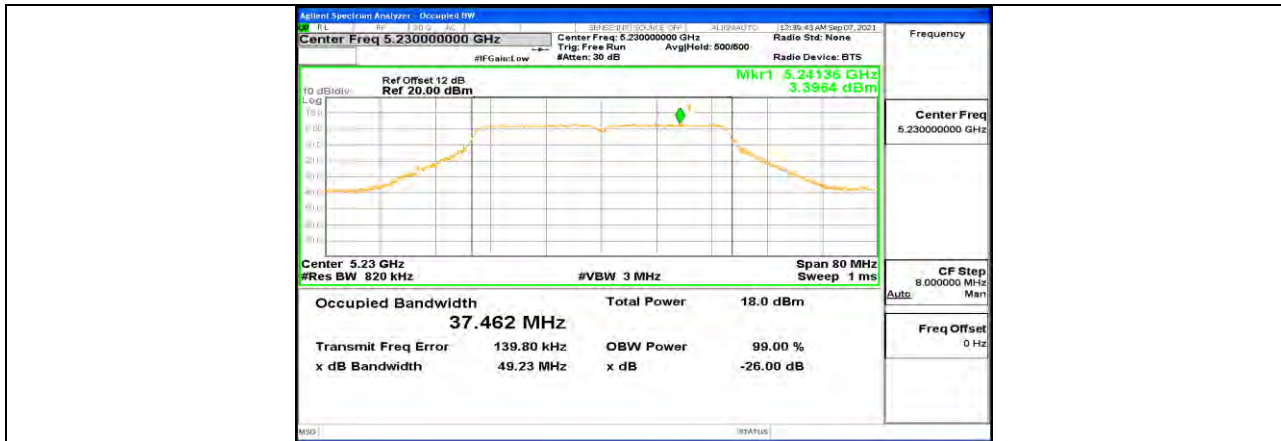


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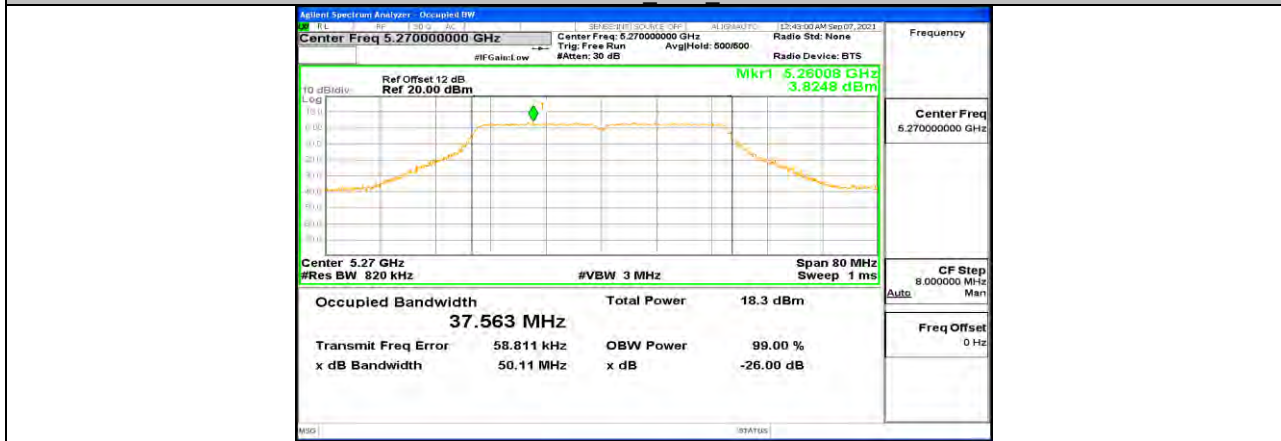


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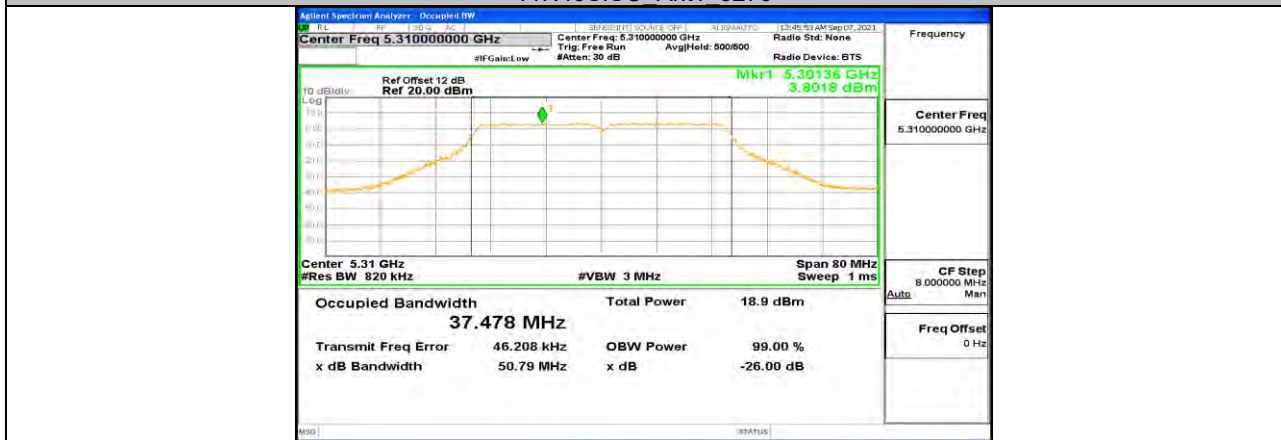




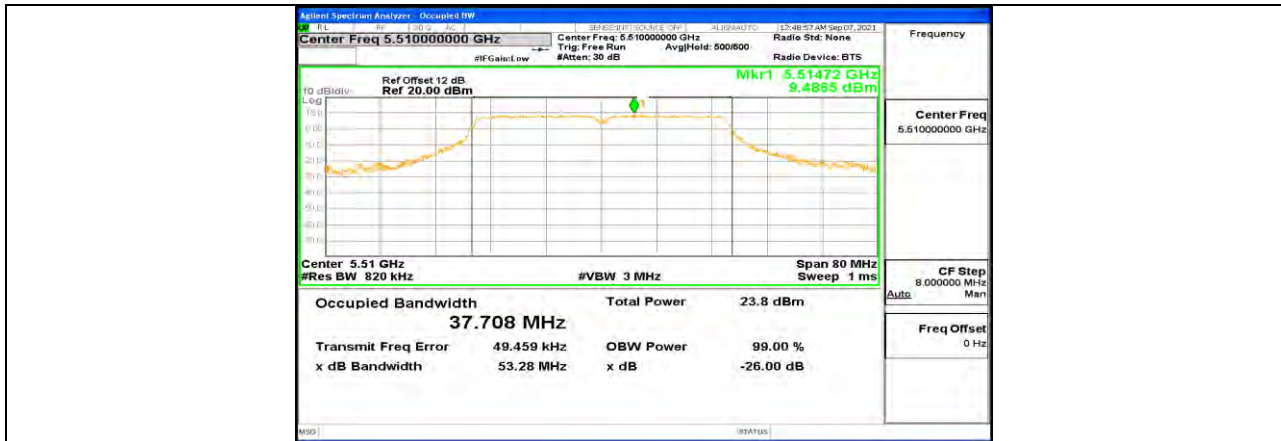
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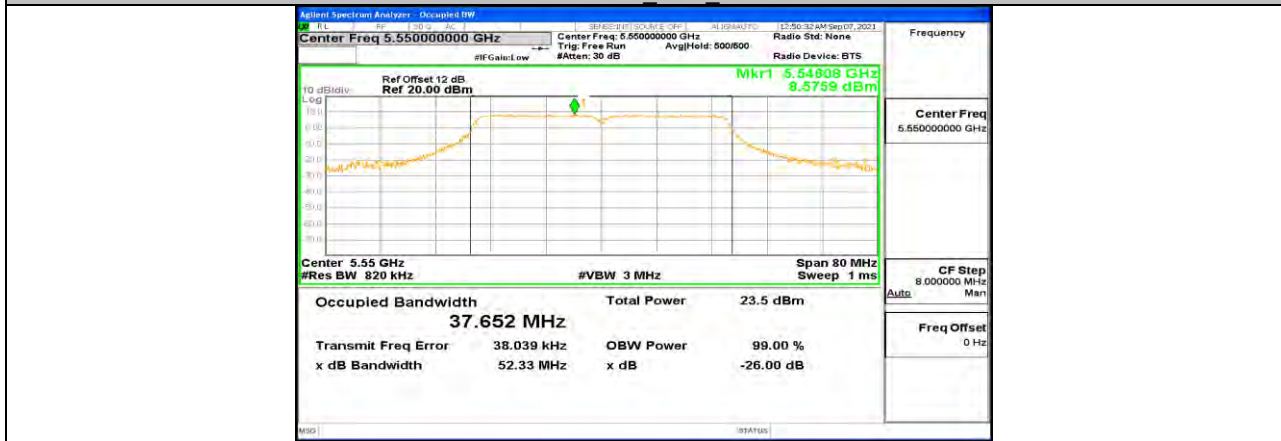
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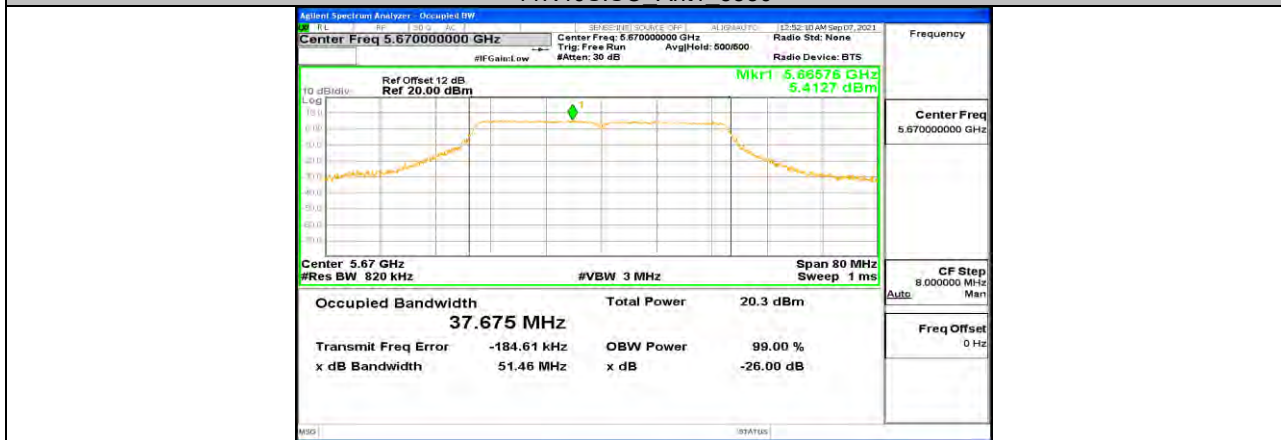
11N40SISO Ant1 5310



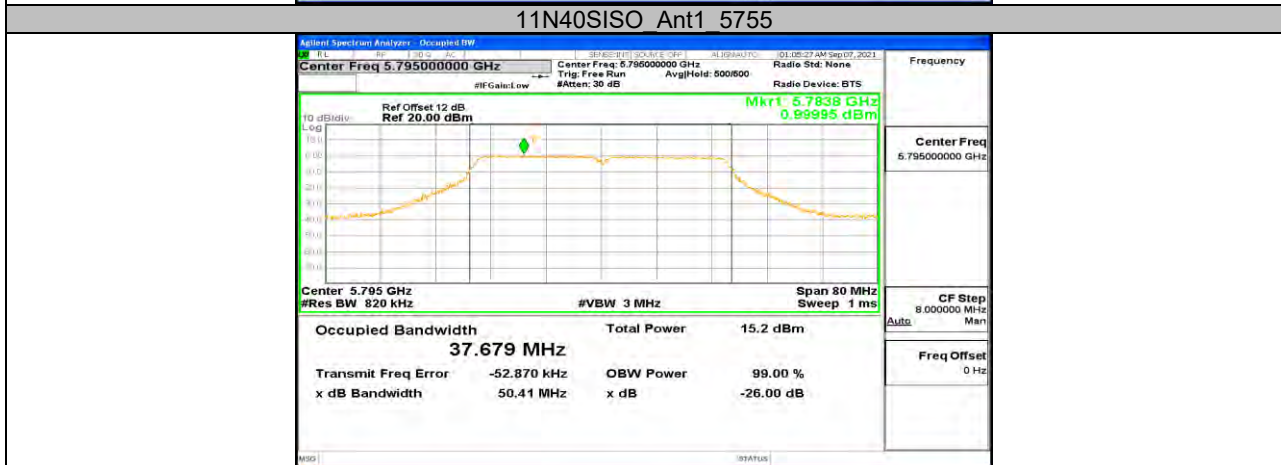
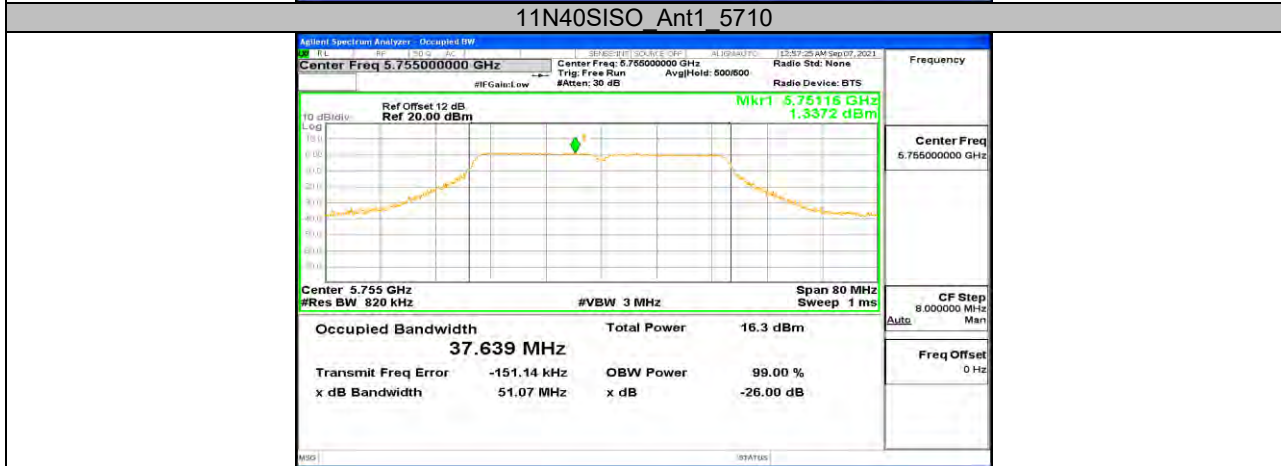
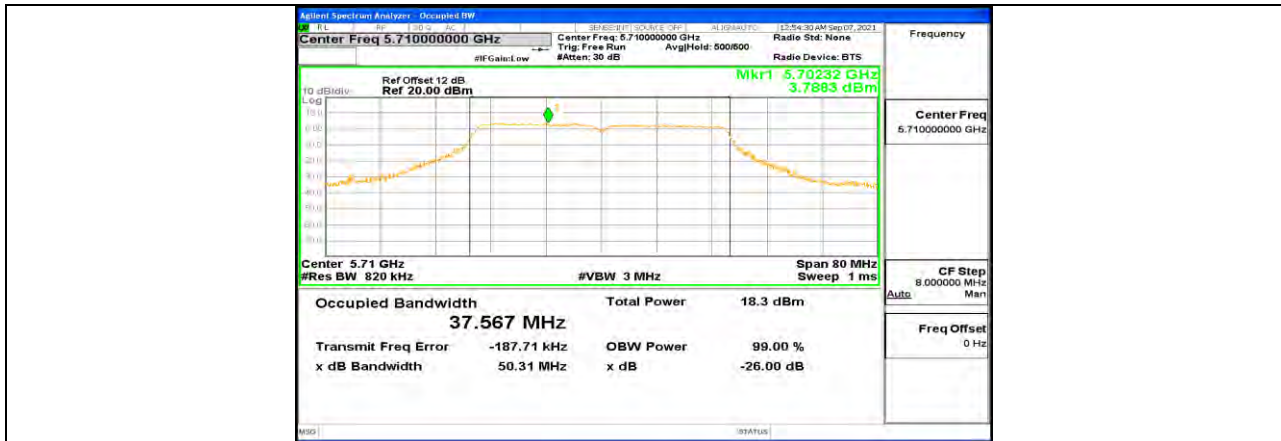
11N40SISO Ant1 5510

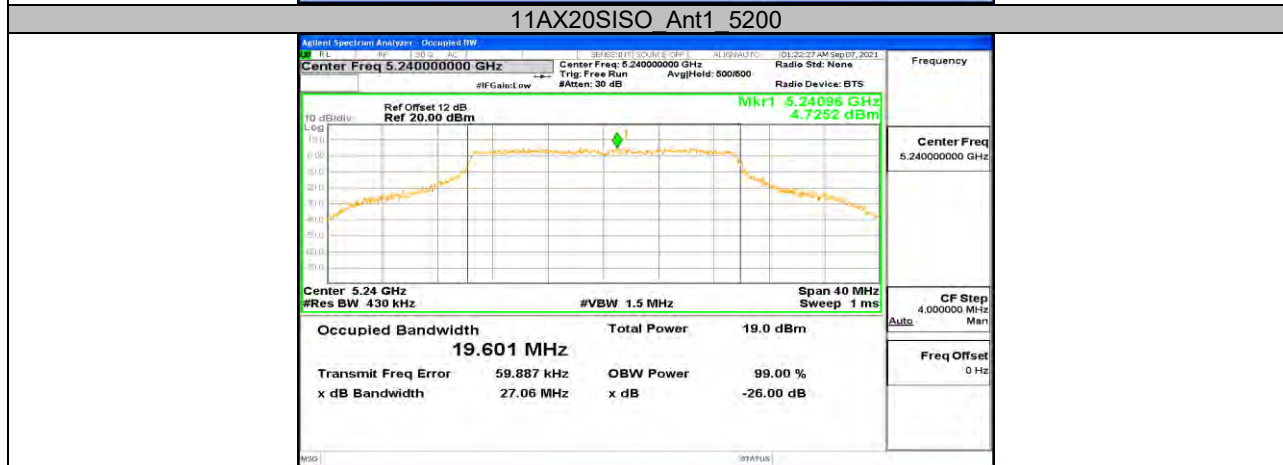
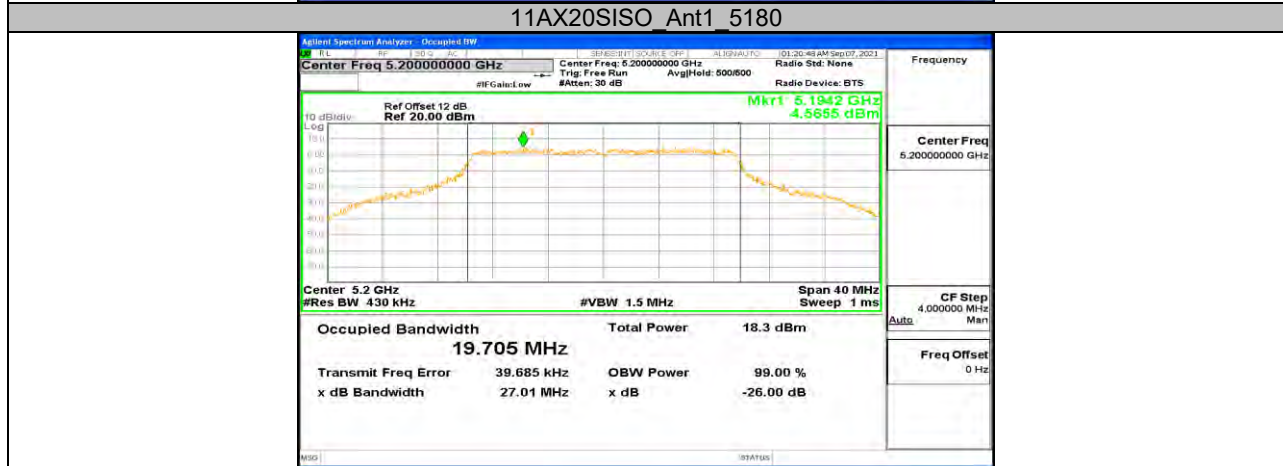
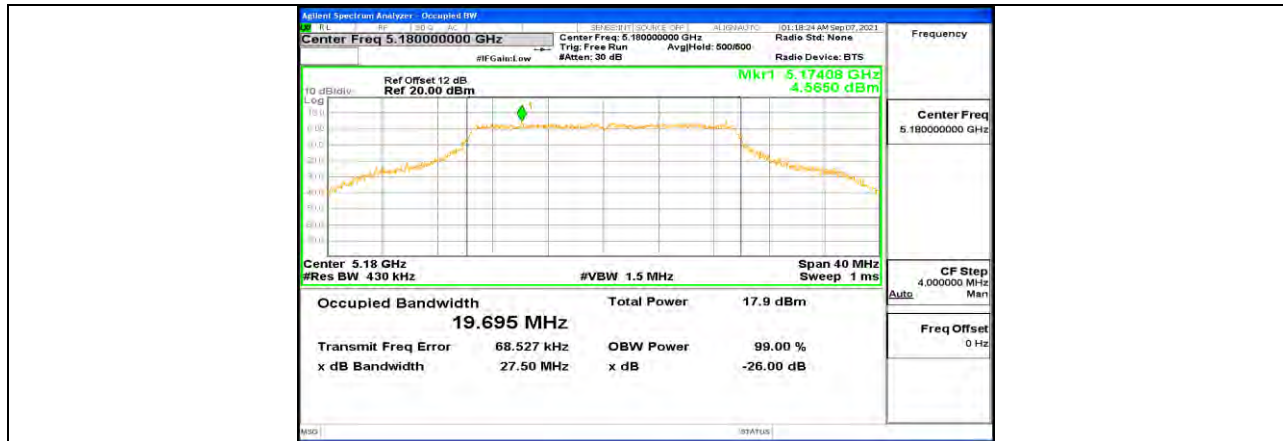


11N40SISO Ant1 5550

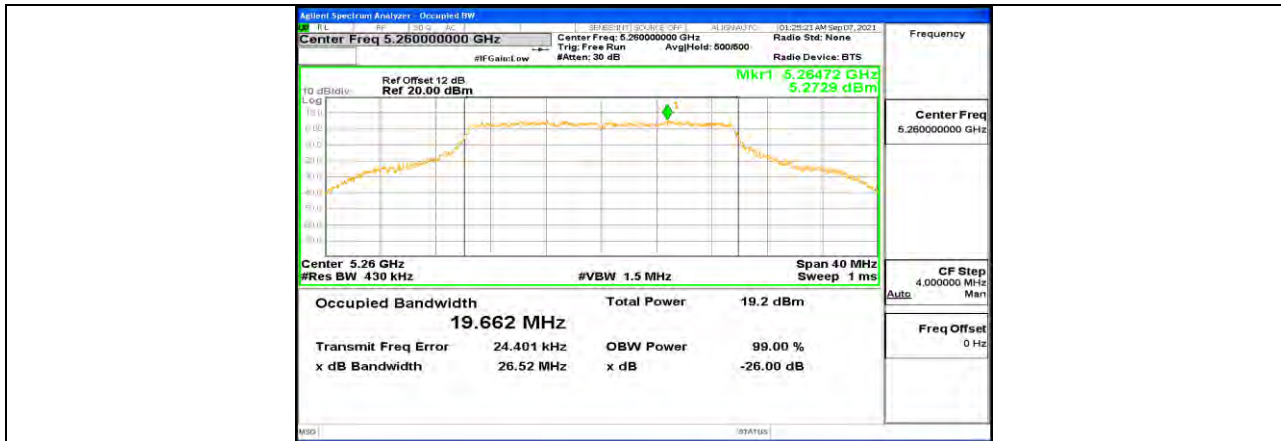


11N40SISO Ant1 5670

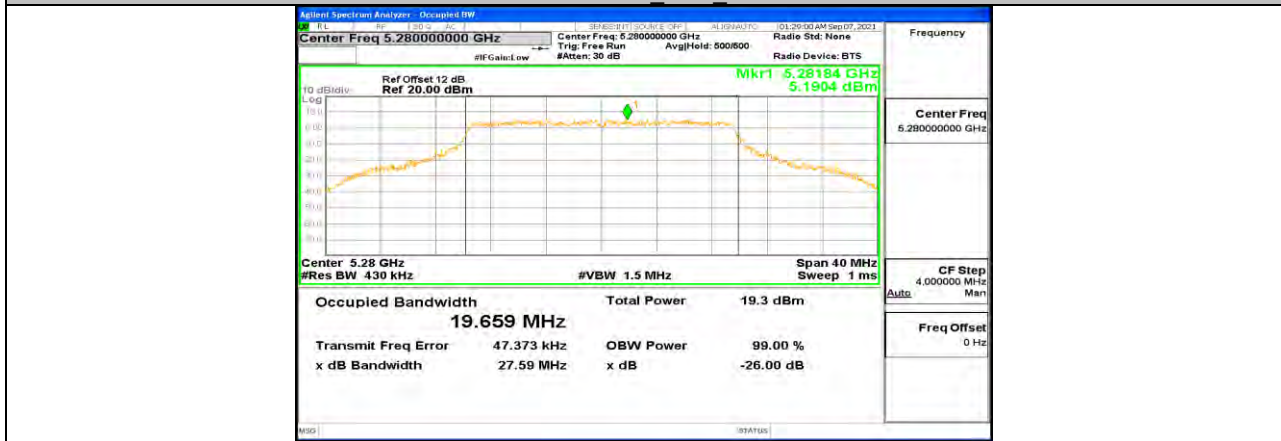




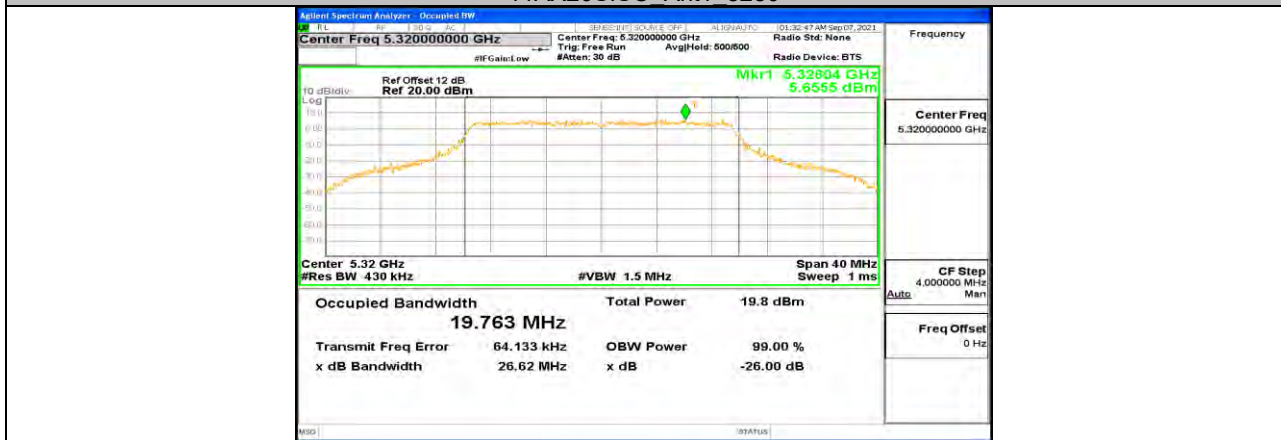




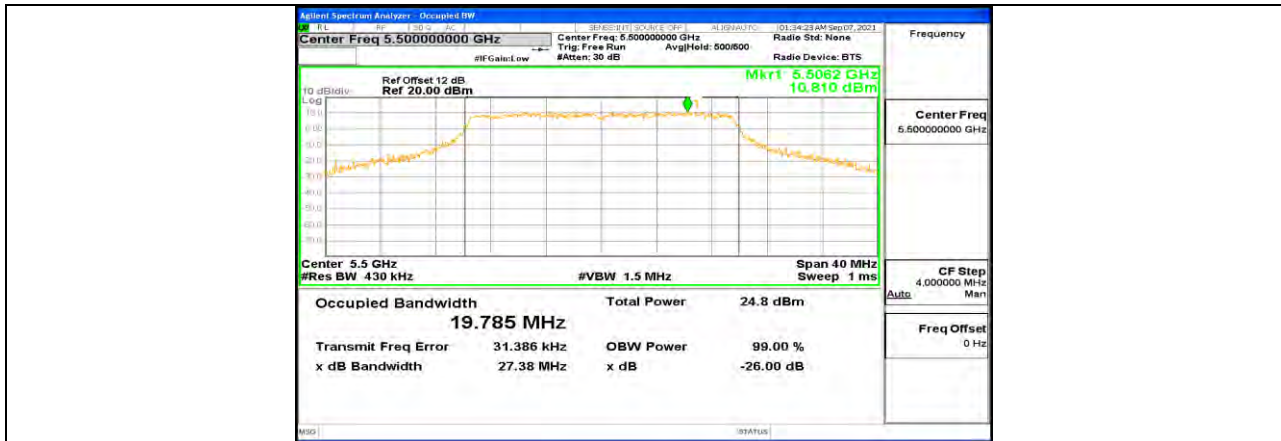
11AX20SISO Ant1 5260



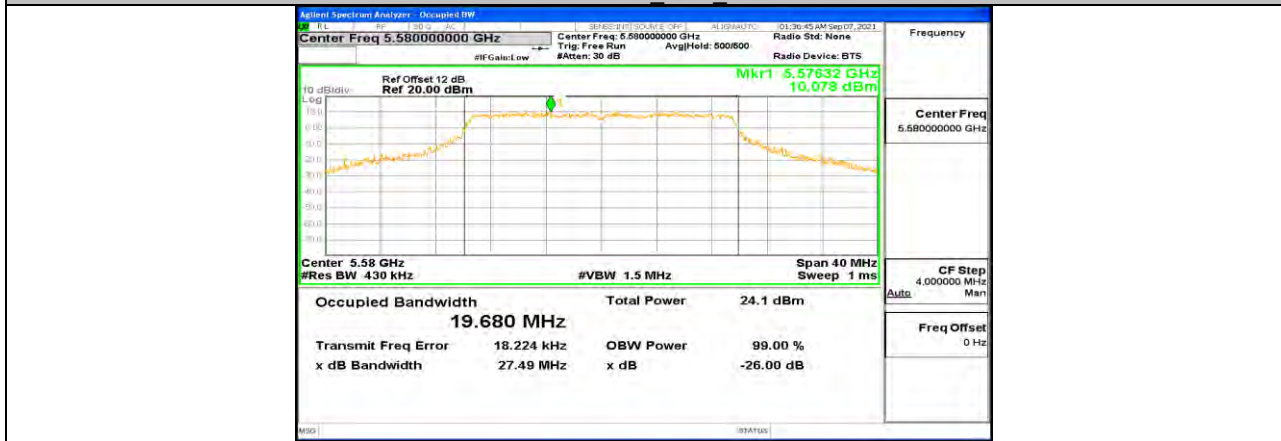
11AX20SISO Ant1 5280



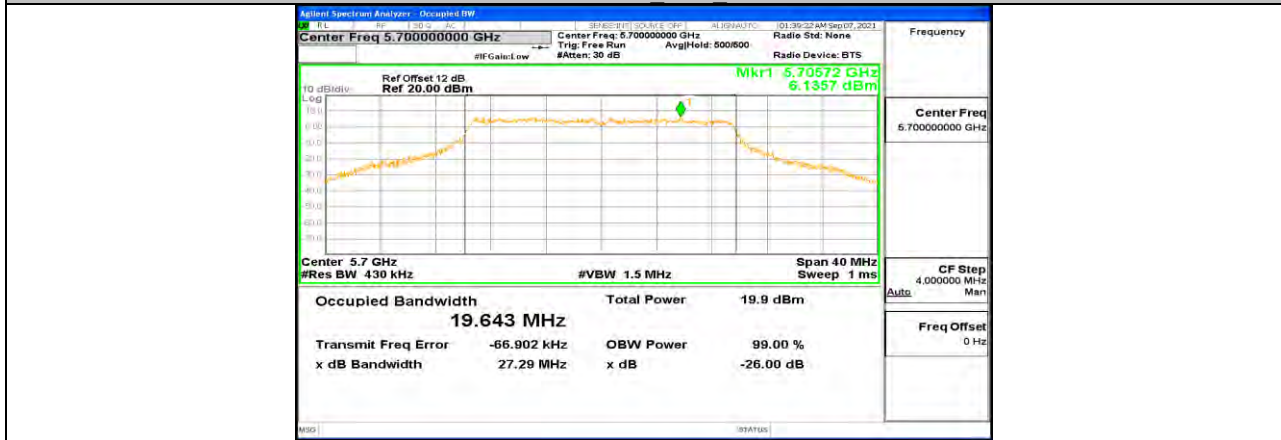
11AX20SISO Ant1 5320



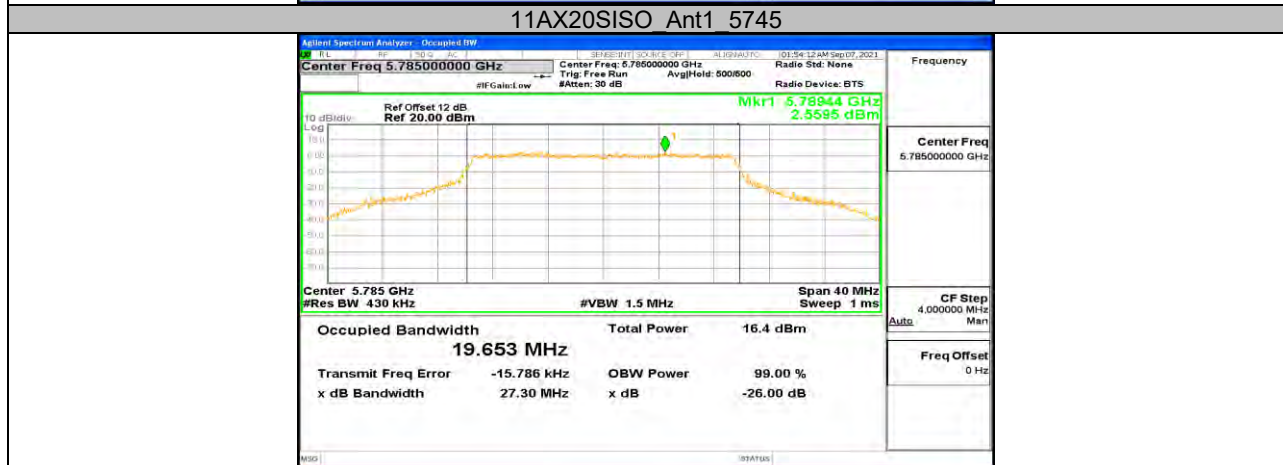
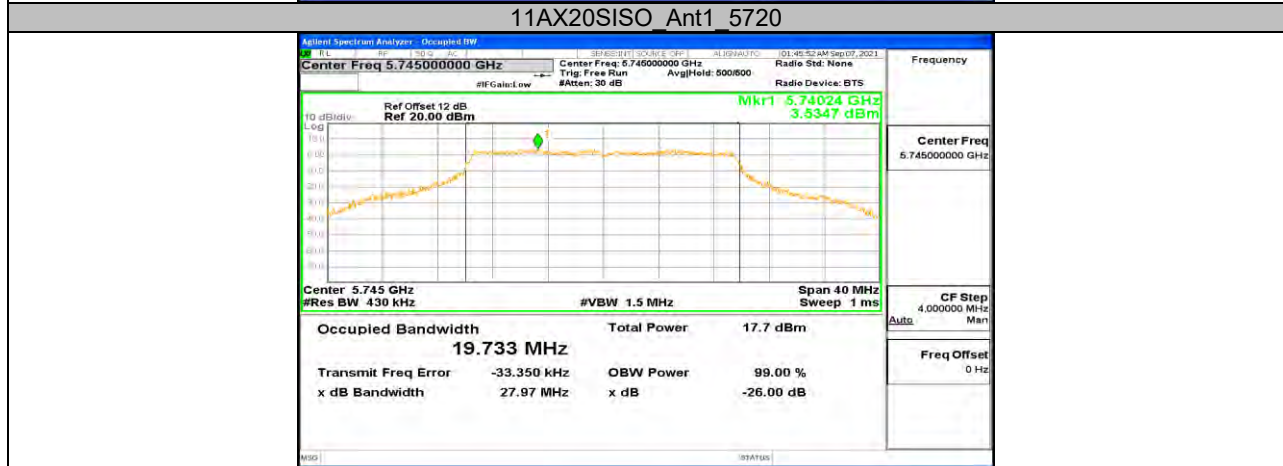
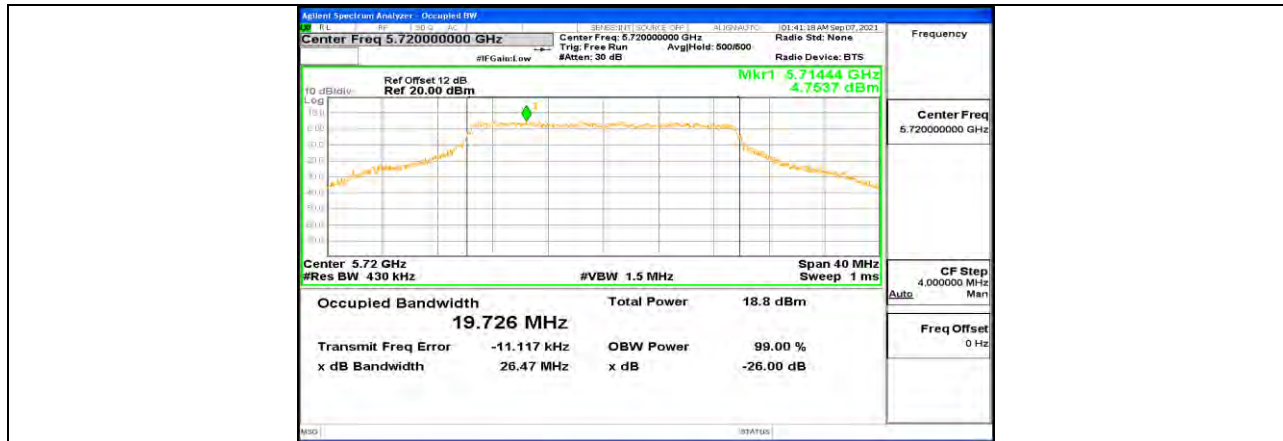
11AX20SISO Ant1 5500

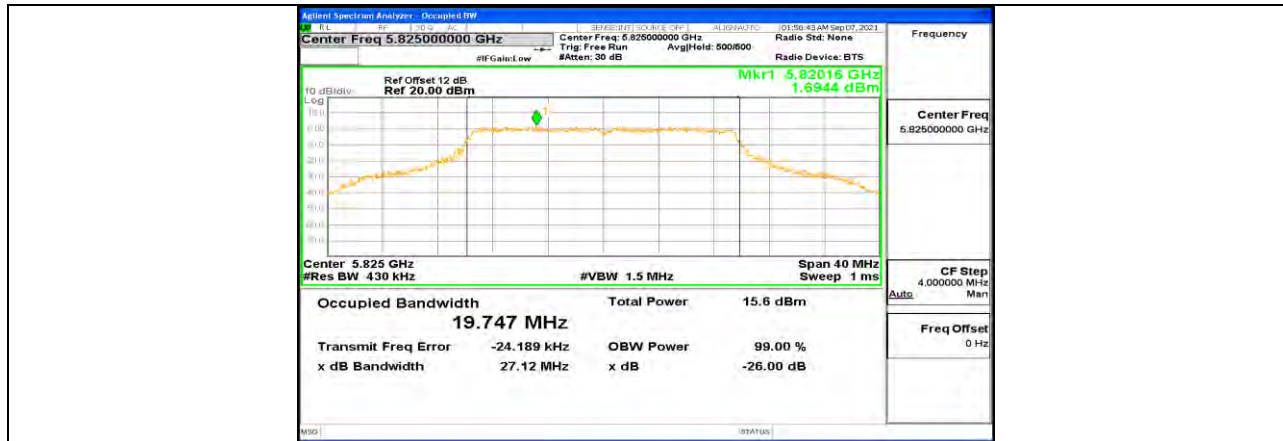


11AX20SISO Ant1 5580

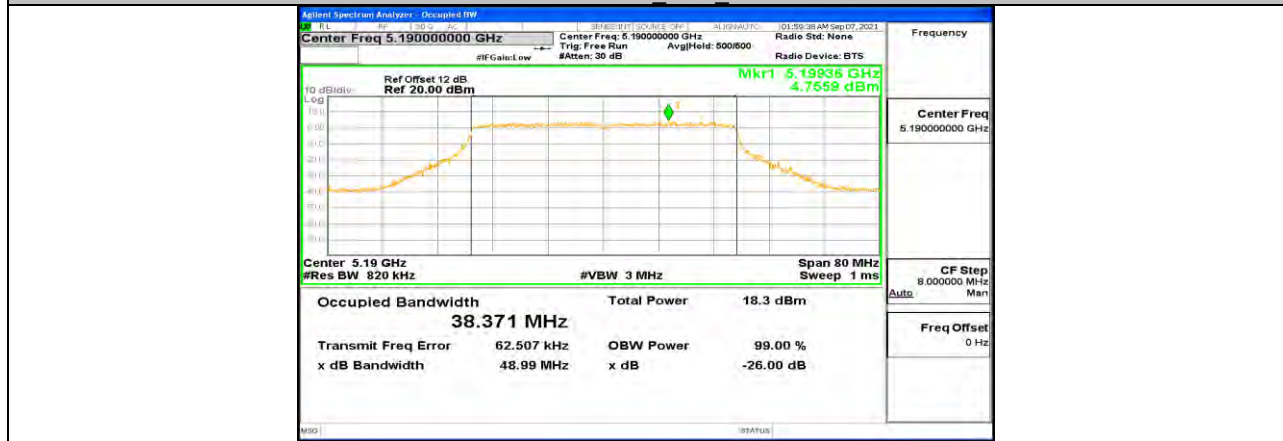


11AX20SISO Ant1 5700

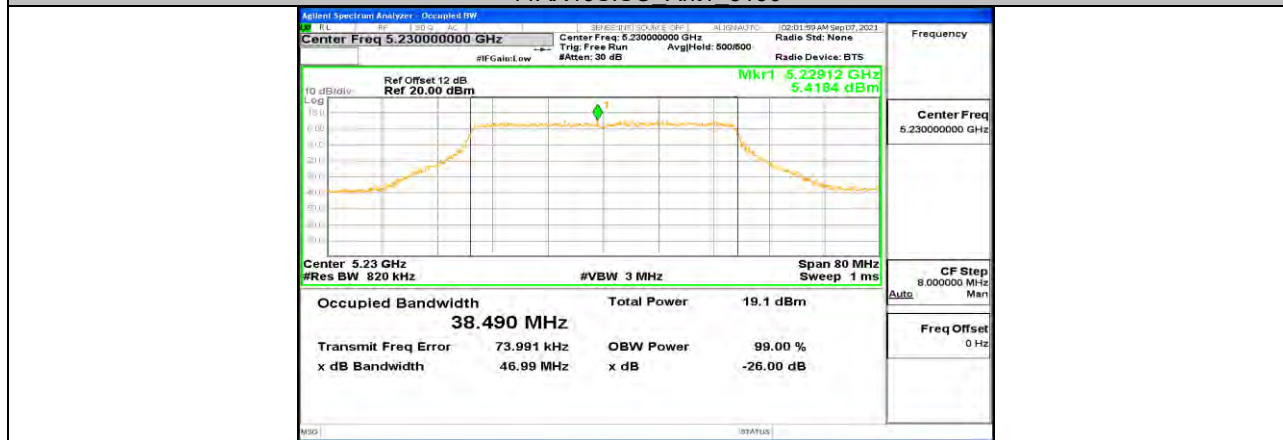




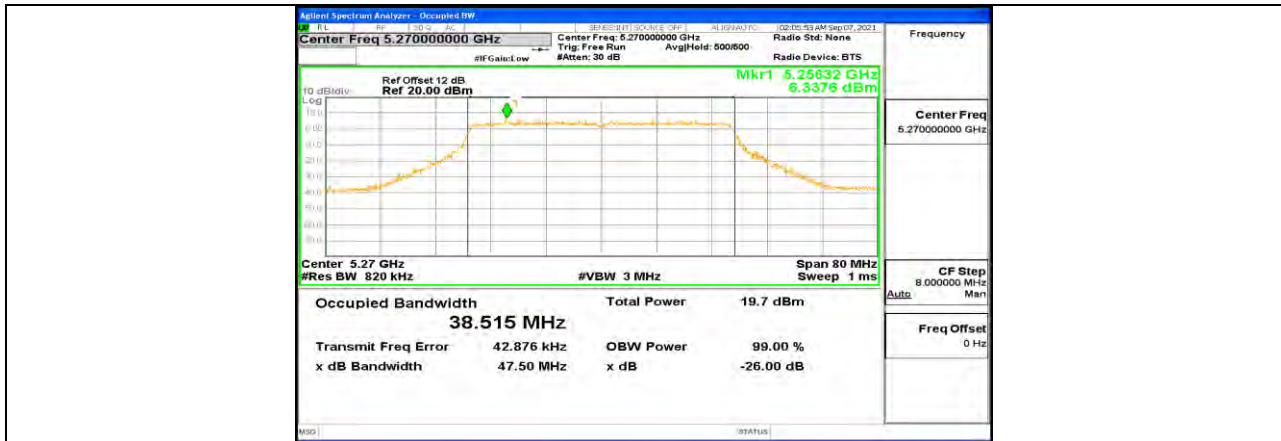
11AX20SISO Ant1 5825



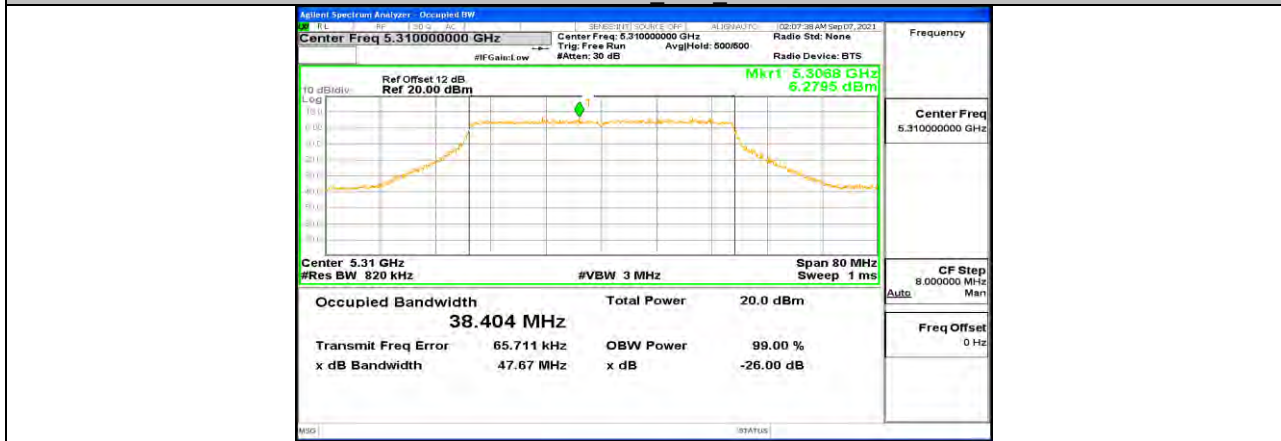
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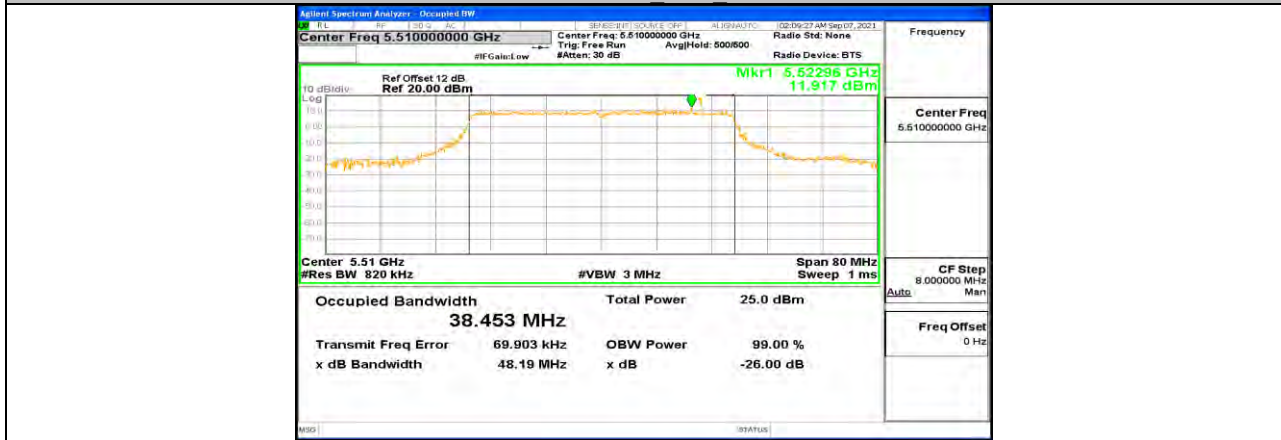
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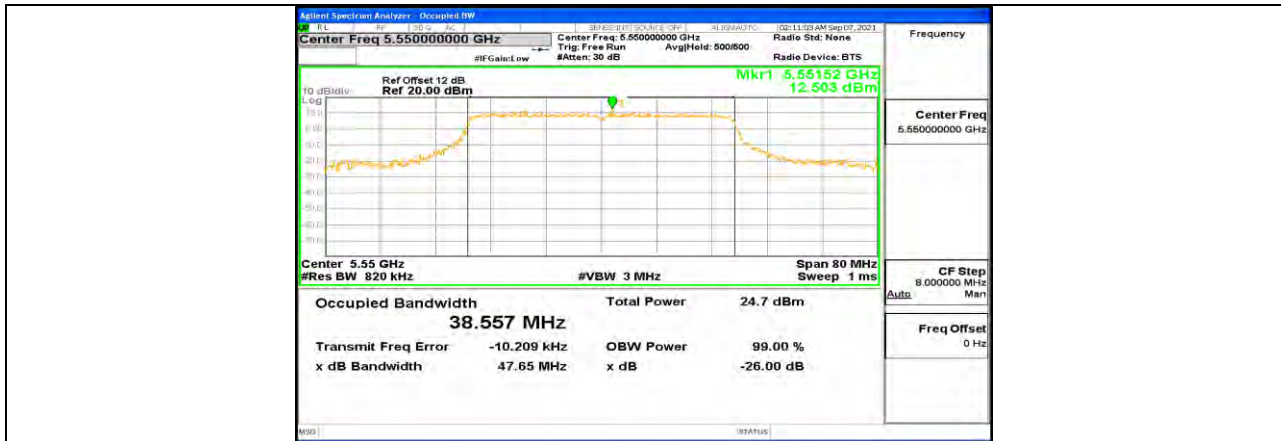
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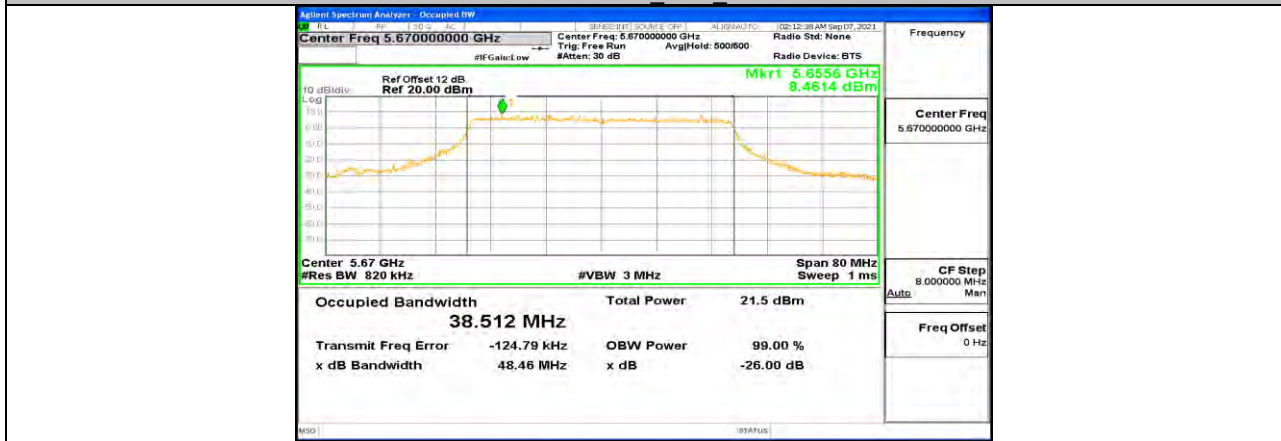
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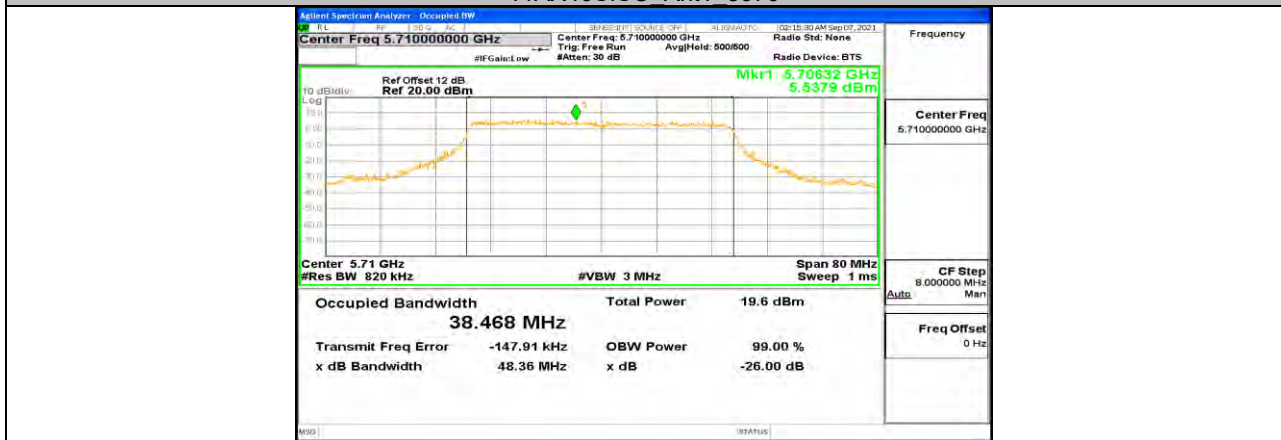
11AX40SISO Ant1 5510



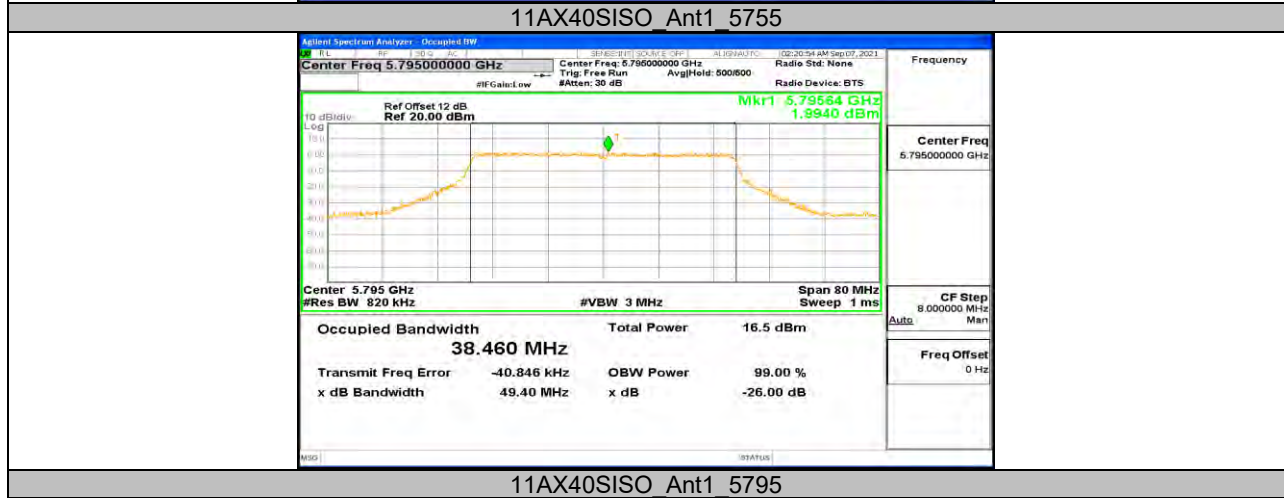
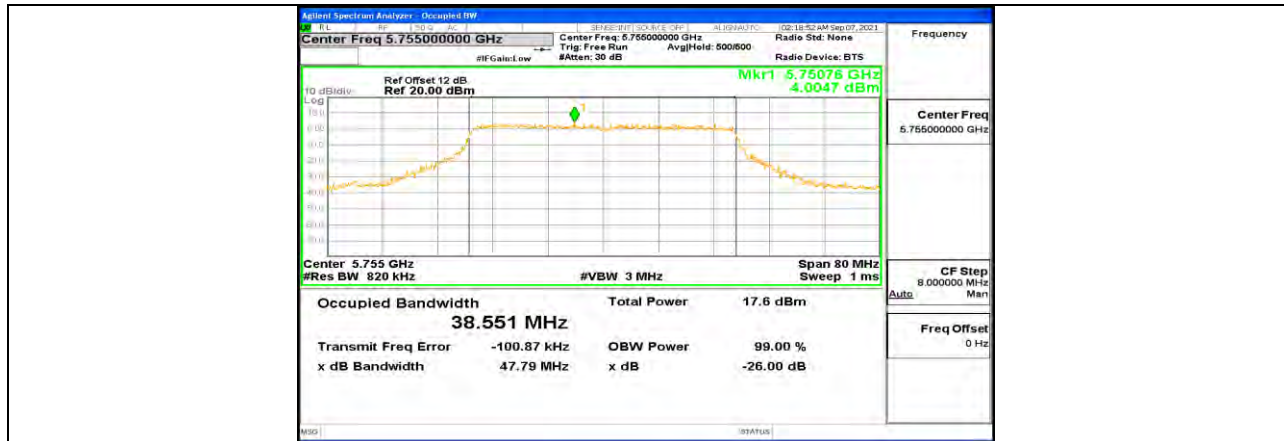
11AX40SISO Ant1 5550



11AX40SISO Ant1 5670



11AX40SISO Ant1 5710





### 13.3. Appendix A3: Min Emission Bandwidth

#### 13.3.1. Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720 UNII-3	2.96	5725	5727.960	0.5	PASS
		5745	16.080	5736.840	5752.920	0.5	PASS
		5785	16.120	5776.840	5792.960	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant1	5720 UNII-3	3.84	5725	5728.840	0.5	PASS
		5745	17.360	5736.200	5753.560	0.5	PASS
		5785	17.640	5776.200	5793.840	0.5	PASS
		5825	17.640	5816.200	5833.840	0.5	PASS
11N40SISO	Ant1	5710 UNII-3	2.68	5725	5727.680	0.5	PASS
		5755	35.920	5736.760	5772.680	0.5	PASS
		5795	36.080	5776.760	5812.840	0.5	PASS
11AX20SISO	Ant1	5720 UNII-3	4.44	5725	5729.44	0.5	PASS
		5745	18.720	5735.600	5754.320	0.5	PASS
		5785	18.920	5775.520	5794.440	0.5	PASS
		5825	18.800	5815.520	5834.320	0.5	PASS
11AX40SISO	Ant1	5710 UNII-3	3.96	5725	5728.96	0.5	PASS
		5755	38.080	5735.960	5774.040	0.5	PASS
		5795	38.000	5775.960	5813.960	0.5	PASS



### 13.3.2. Test Graphs

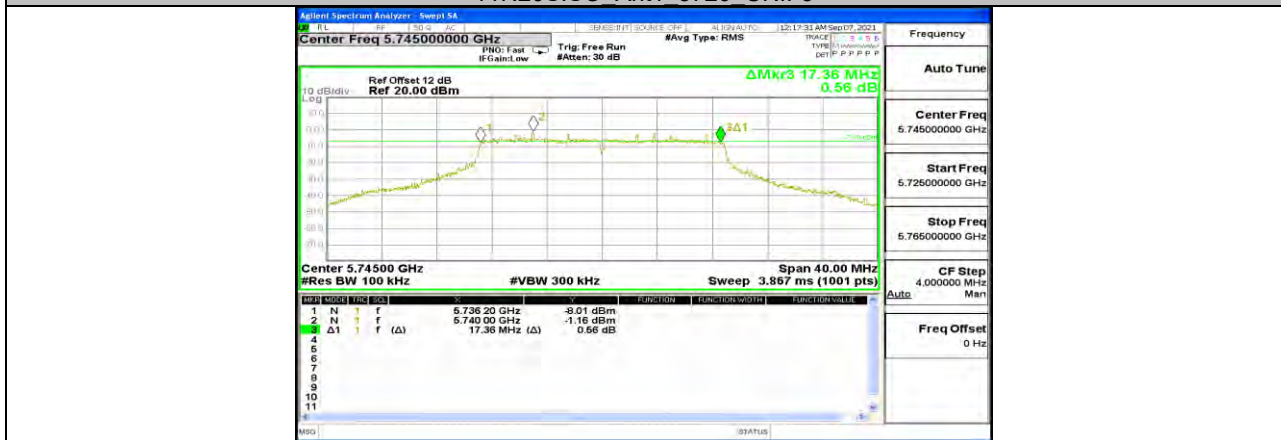




11A Ant1 5825



11N20SISO Ant1 5720 UNII-3



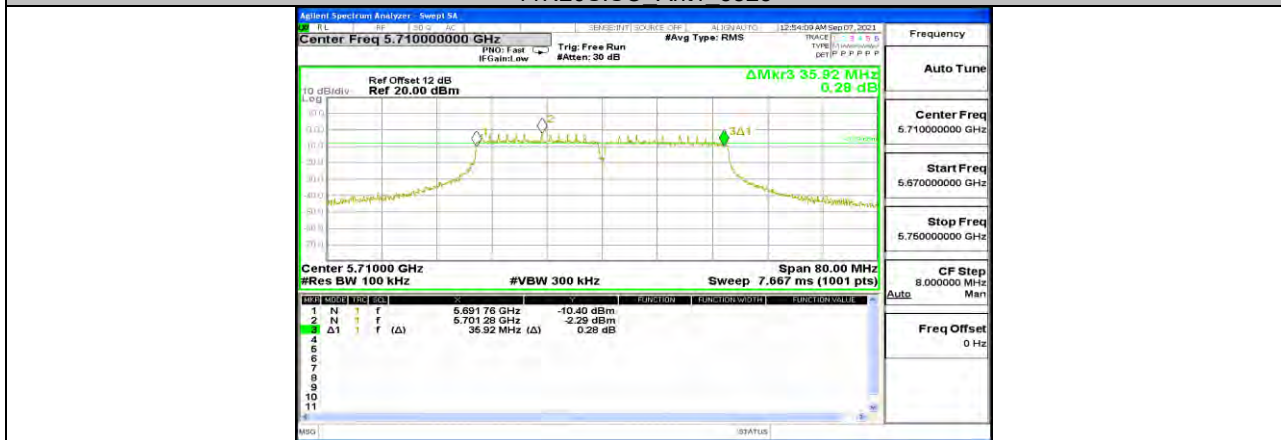
11N20SISO Ant1 5745



11N20SISO Ant1 5785



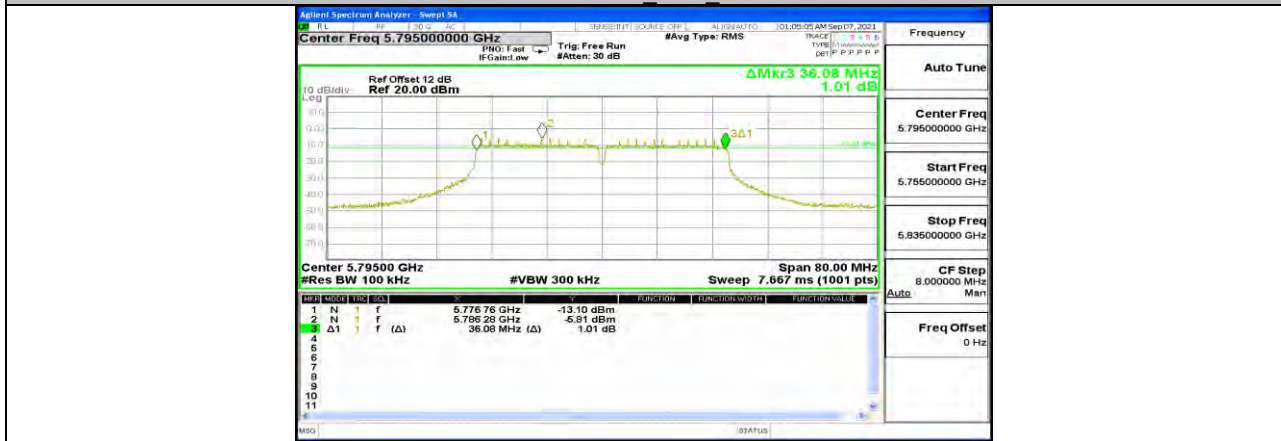
11N20SISO Ant1 5825



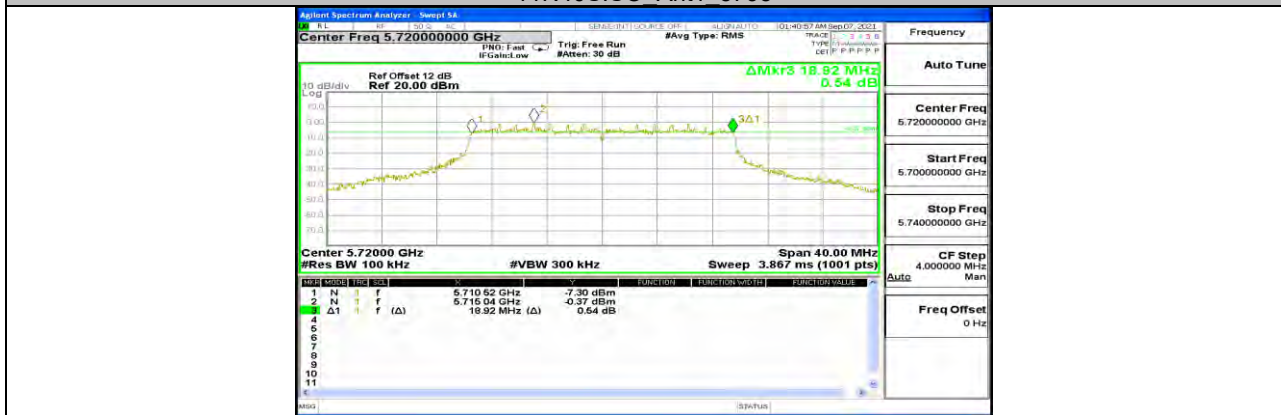
11N40SISO Ant1 5710 UNII-3



11N40SISO Ant1 5755



11N40SISO Ant1 5795



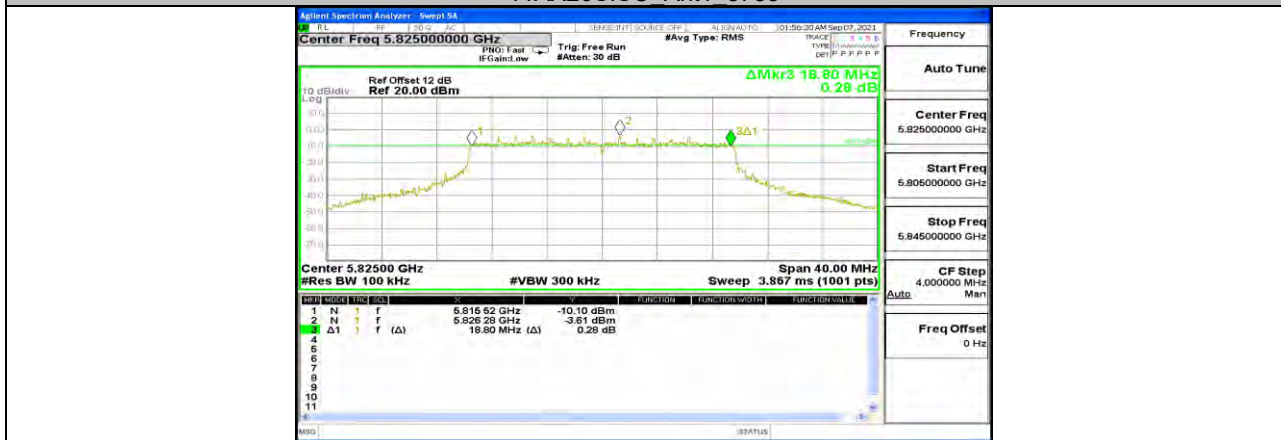
11AX20SISO Ant1 5720 UNII-3



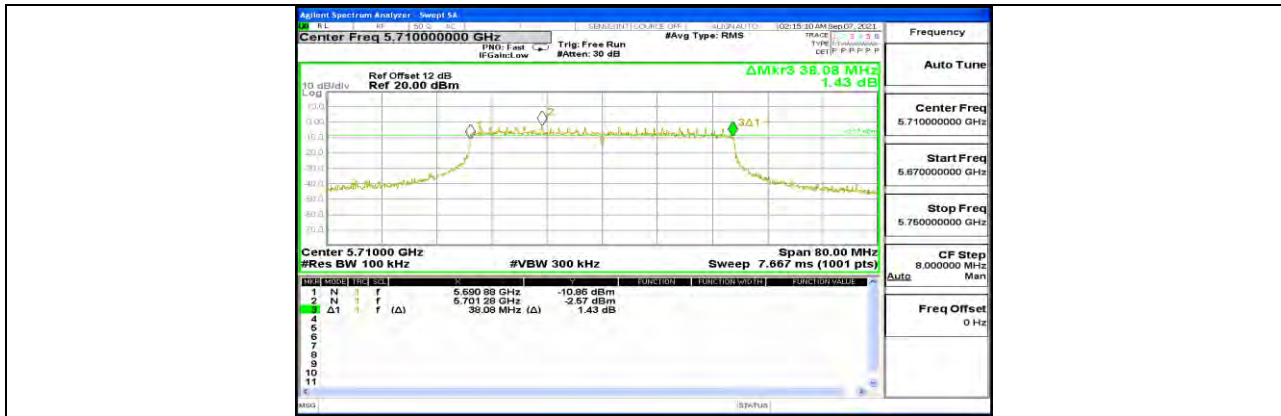
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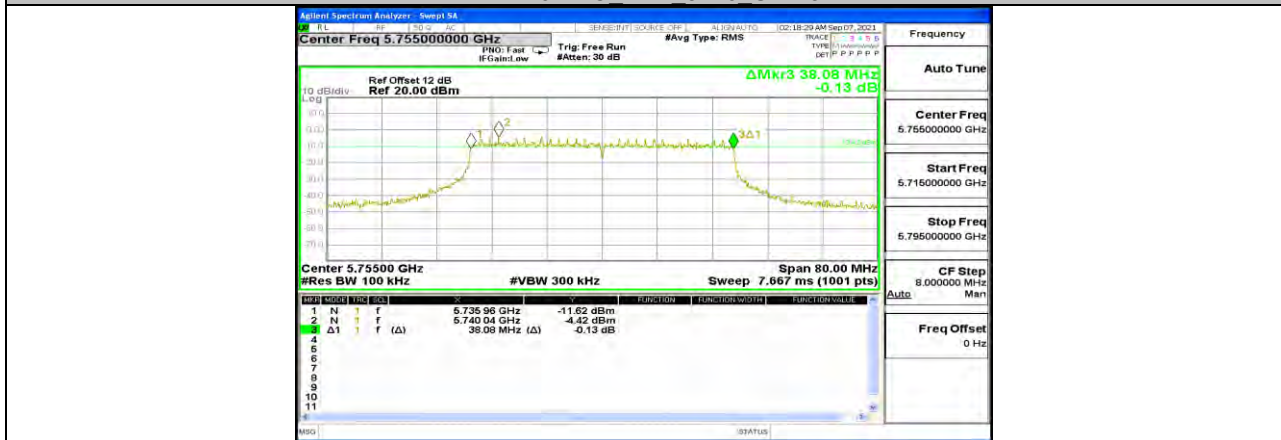
11AX20SISO Ant1 5785



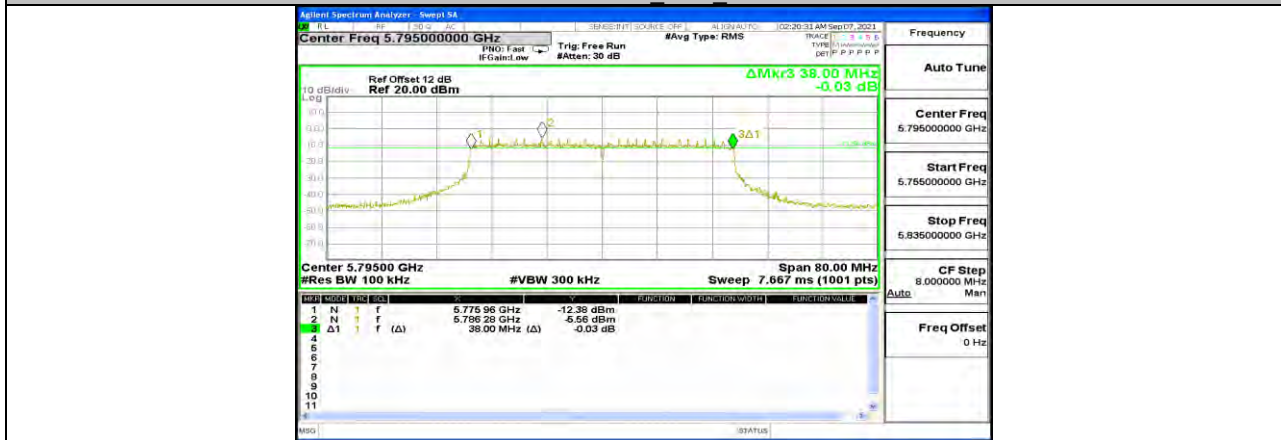
11AX20SISO Ant1 5825



11AX40SISO Ant1 5710 UNII-3



11AX40SISO Ant1 5755



11AX40SISO Ant1 5795

### 13.4. Appendix B: Maximum Average Conducted Output Power

#### 13.4.1. Test Result

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.63	≤23.98	---	15.99	≤22.55	PASS
		5200	10.43	≤23.98	---	14.79	≤22.56	PASS
		5240	10.17	≤23.98	---	14.53	≤22.55	PASS
		5260	10.28	≤23.98	≤23.55	14.64	≤29.55	PASS
		5280	10.06	≤23.98	≤23.56	14.42	≤29.56	PASS
		5320	10.35	≤23.98	≤23.56	14.71	≤29.55	PASS
		5500	14.37	≤23.98	≤23.57	18.73	≤29.57	PASS
		5580	14.45	≤23.98	≤23.55	18.81	≤29.55	PASS
		5700	13.67	≤23.98	≤23.54	18.03	≤29.54	PASS
		5720 UNII-2C	12.03	≤23.37	≤22.49	16.39	≤28.49	PASS
		5720 UNII-3	5.99	≤30	≤30	10.35	---	PASS
		5745	12.39	≤30	≤30	16.75	---	PASS
		5785	11.72	≤30	≤30	16.08	---	PASS
		5825	10.64	≤30	≤30	15.00	---	PASS
11N20SISO	Ant1	5180	10.45	≤23.98	---	14.81	≤22.80	PASS
		5200	10.23	≤23.98	---	14.59	≤22.81	PASS
		5240	10.20	≤23.98	---	14.56	≤22.81	PASS
		5260	10.07	≤23.98	≤23.81	14.43	≤29.81	PASS
		5280	9.83	≤23.98	≤23.82	14.19	≤29.82	PASS
		5320	10.36	≤23.98	≤23.81	14.72	≤29.81	PASS
		5500	12.60	≤23.98	≤23.84	16.96	≤29.84	PASS
		5580	12.25	≤23.98	≤23.83	16.61	≤29.83	PASS
		5700	11.18	≤23.98	≤23.82	15.54	≤29.82	PASS
		5720 UNII-2C	12.13	≤23.44	≤22.651	16.49	≤28.65	PASS
		5720 UNII-3	6.30	≤30	≤30	10.66	---	PASS
		5745	12.69	≤30	≤30	17.05	---	PASS
		5785	11.79	≤30	≤30	16.15	---	PASS
		5825	10.76	≤30	≤30	15.12	---	PASS
11N40SISO	Ant1	5190	10.60	≤23.98	---	14.96	≤23	PASS
		5230	10.32	≤23.98	---	14.68	≤23	PASS
		5270	10.20	≤23.98	≤23.98	14.56	≤30	PASS
		5310	10.50	≤23.98	≤23.98	14.86	≤30	PASS
		5510	14.24	≤23.98	≤23.98	18.60	≤30	PASS
		5550	14.63	≤23.98	≤23.98	18.99	≤30	PASS
		5670	14.28	≤23.98	≤23.98	18.64	≤30	PASS
		5710 UNII-2C	12.94	≤23.98	≤23.98	17.30	≤30	PASS
		5710 UNII-3	2.47	≤30	≤30	6.83	---	PASS
		5755	12.80	≤30	≤30	17.16	---	PASS
		5795	11.44	≤30	≤30	15.80	---	PASS
11AX20SISO	Ant1	5180	10.41	≤23.98	---	14.77	≤22.97	PASS
		5200	10.47	≤23.98	---	14.83	≤22.95	PASS
		5240	10.56	≤23.98	---	14.92	≤22.93	PASS
		5260	10.11	≤23.98	≤23.93	14.47	≤29.93	PASS
		5280	10.40	≤23.98	≤23.95	14.76	≤29.95	PASS
		5320	10.65	≤23.98	≤23.94	15.01	≤29.94	PASS
		5500	14.88	≤23.98	≤23.95	19.24	≤29.95	PASS
		5580	14.67	≤23.98	≤23.93	19.03	≤29.93	PASS
		5700	13.95	≤23.98	≤23.94	18.31	≤29.95	PASS
		5720 UNII-2C	12.21	≤23.98	≤22.71	16.57	≤28.71	PASS
		5720 UNII-3	7.07	≤30	≤30	11.43	---	PASS
		5745	12.82	≤30	≤30	17.18	---	PASS
		5785	11.94	≤30	≤30	16.30	---	PASS



		5825	11.23	≤30	≤30	15.59	---	PASS
11AX40SISO	Ant1	5190	10.60	≤23.98	---	14.96	≤23	PASS
		5230	10.77	≤23.98	---	15.13	≤23	PASS
		5270	10.12	≤23.98	≤23.98	14.48	≤30	PASS
		5310	10.62	≤23.98	≤23.98	14.98	≤30	PASS
		5510	14.39	≤23.98	≤23.98	18.75	≤30	PASS
		5550	14.93	≤23.98	≤23.98	19.29	≤30	PASS
		5670	14.63	≤23.98	≤23.98	18.99	≤30	PASS
		5710_UNII-2C	13.29	≤23.98	≤23.98	17.65	≤30	PASS
		5710_UNII-3	3.48	≤30	≤30	7.84	---	PASS
		5755	12.81	≤30	≤30	17.17	---	PASS
		5795	11.84	≤30	≤30	16.20	---	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.



### 13.5. Appendix C: Maximum Power Spectral Density

#### 13.5.1. Test Result

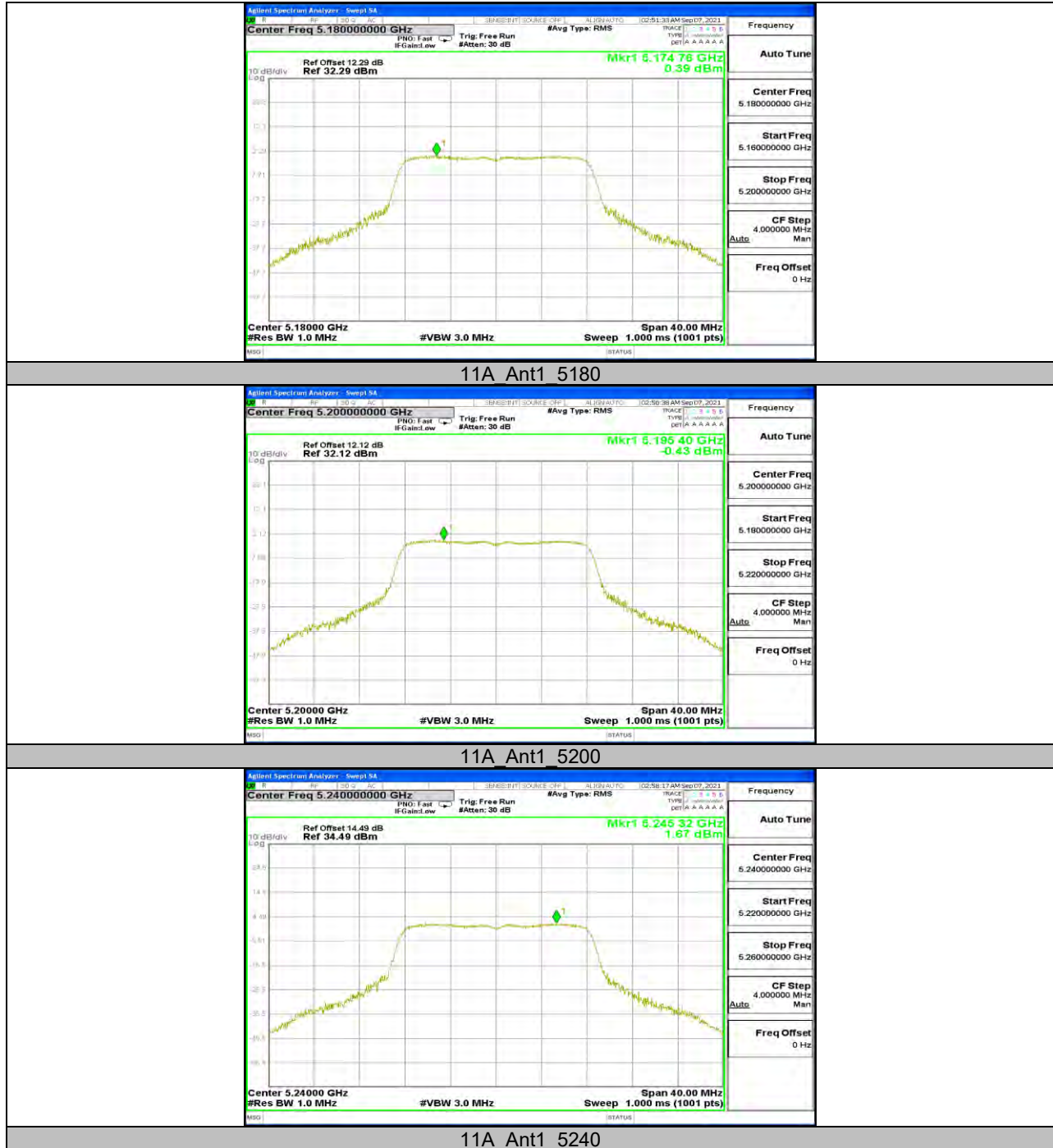
Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	0.39	≤11	4.75	≤10	PASS
		5200	-0.43	≤11	3.93	≤10	PASS
		5240	1.67	≤11	6.03	≤10	PASS
		5260	-0.48	≤11	---	---	PASS
		5280	-0.94	≤11	---	---	PASS
		5320	-0.71	≤11	---	---	PASS
		5500	-10.43	≤11	---	---	PASS
		5580	-10.59	≤11	---	---	PASS
		5700	-11.24	≤11	---	---	PASS
		5720_UNII-2C	-8.38	≤11	---	---	PASS
		5720_UNII-3	-11.73	≤11	---	---	PASS
		5745	-1.14	≤30	---	---	PASS
		5785	-1.63	≤30	---	---	PASS
		5825	-2.96	≤30	---	---	PASS
11N20SISO	Ant1	5180	-0.81	≤11	3.55	≤10	PASS
		5200	-0.45	≤11	3.91	≤10	PASS
		5240	-1.24	≤11	3.12	≤10	PASS
		5260	-1.13	≤11	---	---	PASS
		5280	-1.25	≤11	---	---	PASS
		5320	-0.62	≤11	---	---	PASS
		5500	1.13	≤11	---	---	PASS
		5580	0.83	≤11	---	---	PASS
		5700	-0.12	≤11	---	---	PASS
		5720_UNII-2C	2.13	≤11	---	---	PASS
		5720_UNII-3	-0.66	≤11	---	---	PASS
		5745	-1.09	≤30	---	---	PASS
		5785	-2.06	≤30	---	---	PASS
		5825	-2.88	≤30	---	---	PASS
11N40SISO	Ant1	5190	-3.63	≤11	0.73	≤10	PASS
		5230	-4	≤11	0.36	≤10	PASS
		5270	-3.98	≤11	---	---	PASS
		5310	-3.46	≤11	---	---	PASS
		5510	0.57	≤11	---	---	PASS
		5550	0.55	≤11	---	---	PASS
		5670	0.18	≤11	---	---	PASS
		5710_UNII-2C	0.43	≤11	---	---	PASS
		5710_UNII-3	-3.65	≤11	---	---	PASS
		5755	-4.35	≤30	---	---	PASS
5795	-5.47	≤30	---	---	PASS		
11AX20SISO	Ant1	5180	-0.96	≤11	3.40	≤10	PASS
		5200	-0.79	≤11	3.57	≤10	PASS
		5240	-0.72	≤11	3.64	≤10	PASS
		5260	-0.49	≤11	---	---	PASS
		5280	-0.64	≤11	---	---	PASS
		5320	-0.84	≤11	---	---	PASS
		5500	3.38	≤11	---	---	PASS
		5580	3.31	≤11	---	---	PASS
		5700	2.3	≤11	---	---	PASS
		5720_UNII-2C	2.1	≤11	---	---	PASS

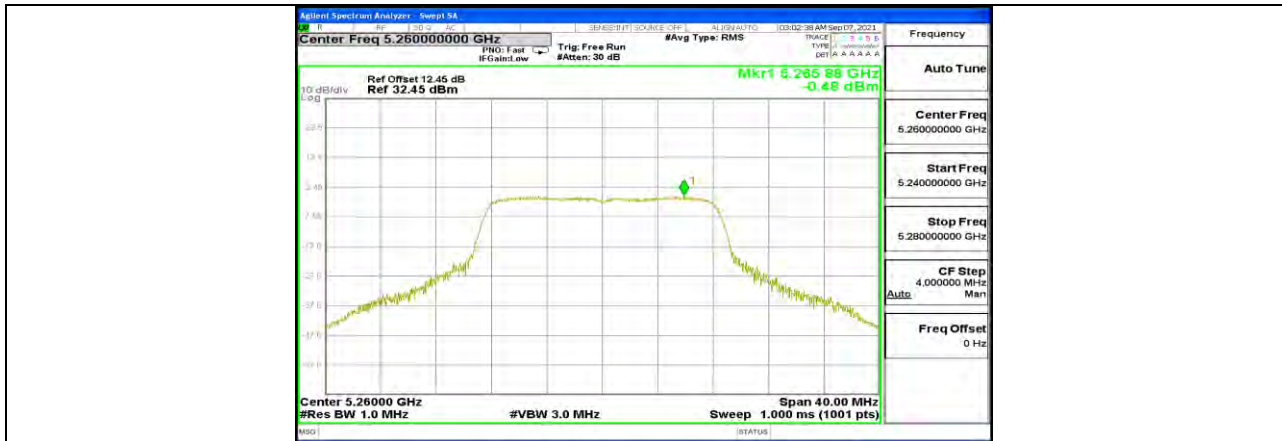


		5720 UNII-3	-1.16	$\leq 11$	---	---	PASS
		5745	-0.7	$\leq 30$	---	---	PASS
		5785	-2.17	$\leq 30$	---	---	PASS
		5825	-3.29	$\leq 30$	---	---	PASS
11AX40SISO	Ant1	5190	-3.91	$\leq 11$	0.45	$\leq 10$	PASS
		5230	-3.61	$\leq 11$	0.75	$\leq 10$	PASS
		5270	-4.09	$\leq 11$	---	---	PASS
		5310	-4.28	$\leq 11$	---	---	PASS
		5510	0.06	$\leq 11$	---	---	PASS
		5550	0.6	$\leq 11$	---	---	PASS
		5670	0.14	$\leq 11$	---	---	PASS
		5710 UNII-2C	-0.86	$\leq 11$	---	---	PASS
		5710 UNII-3	-4.07	$\leq 11$	---	---	PASS
		5755	-3.89	$\leq 30$	---	---	PASS
		5795	-4.86	$\leq 30$	---	---	PASS

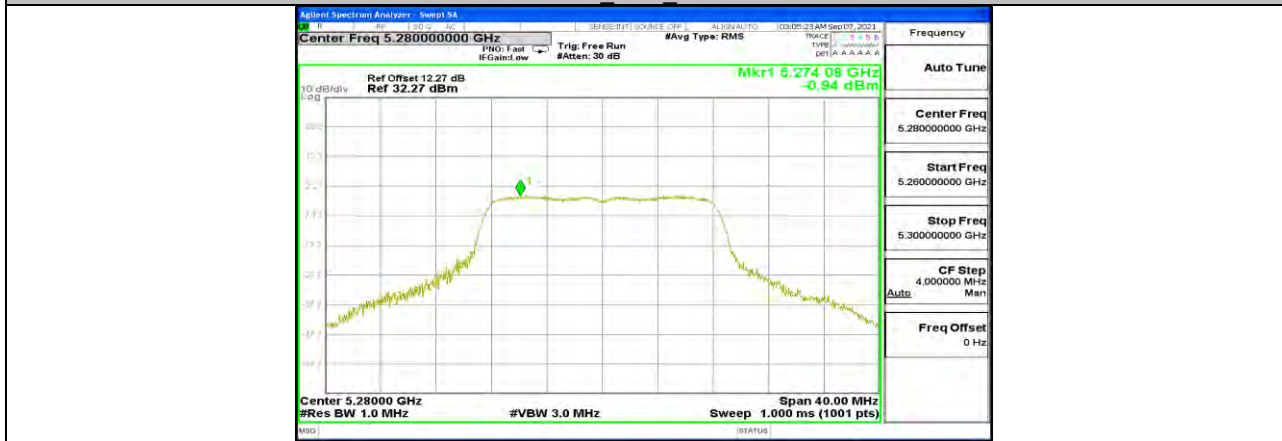
- Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
 2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

### 13.5.2. Test Graphs

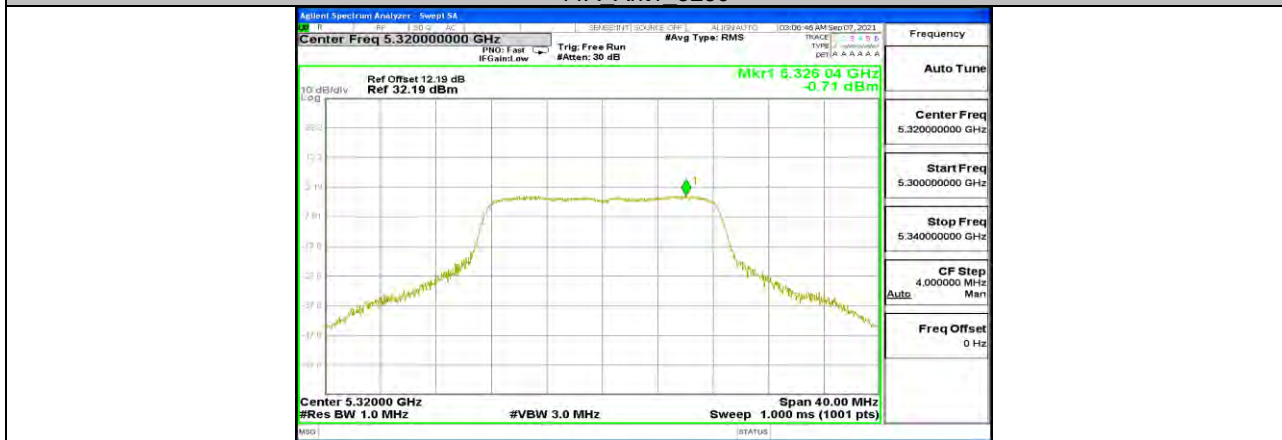




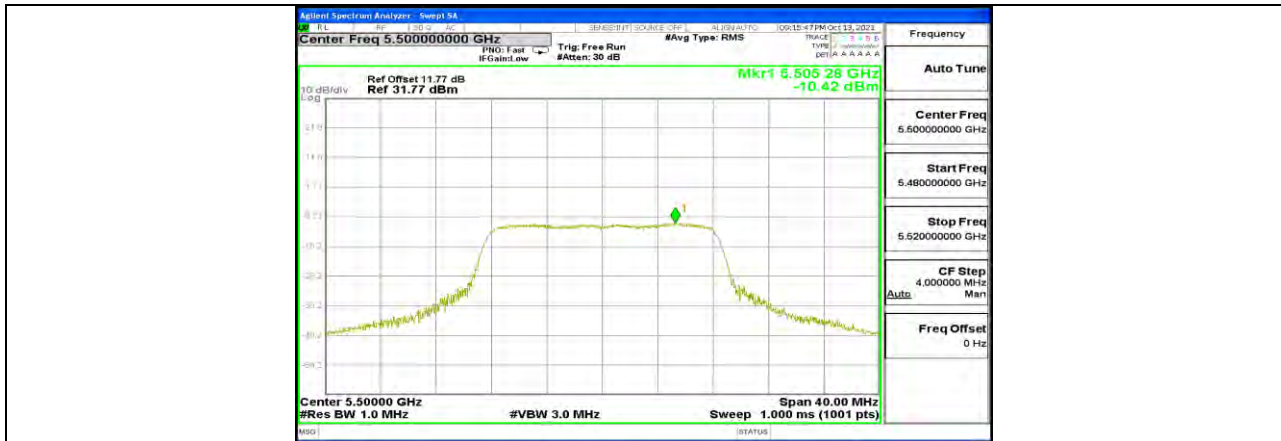
11A Ant1 5260



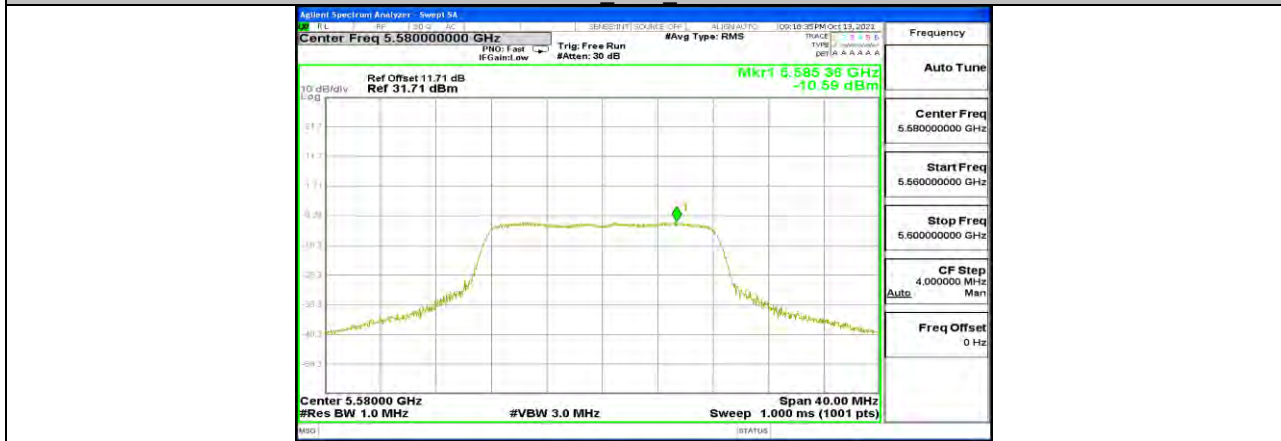
11A Ant1 5280



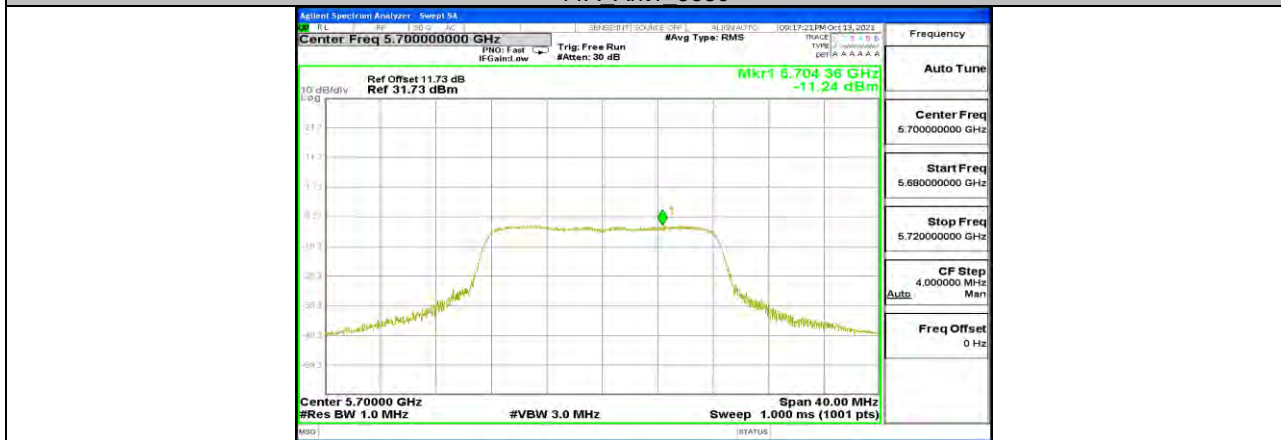
11A Ant1 5320



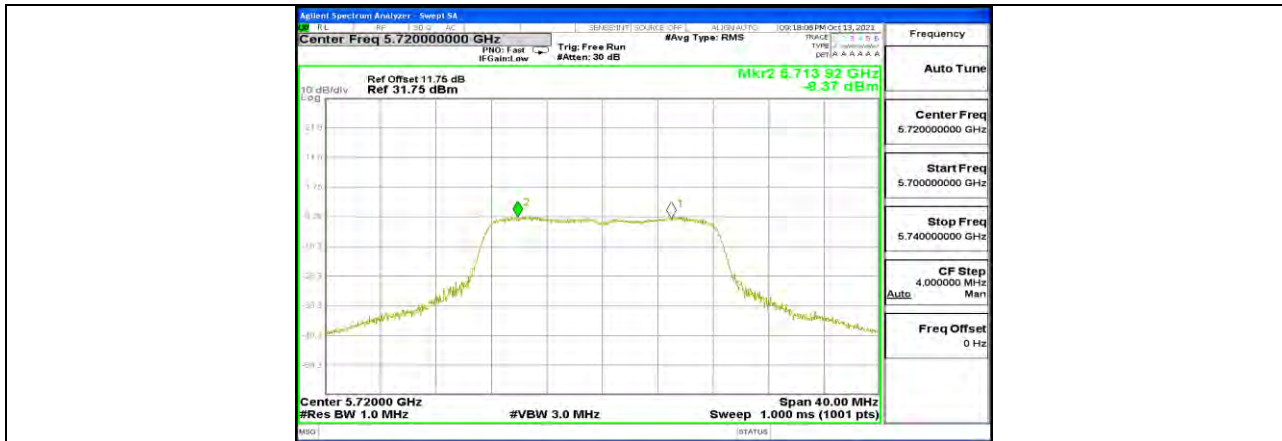
11A Ant1 5500



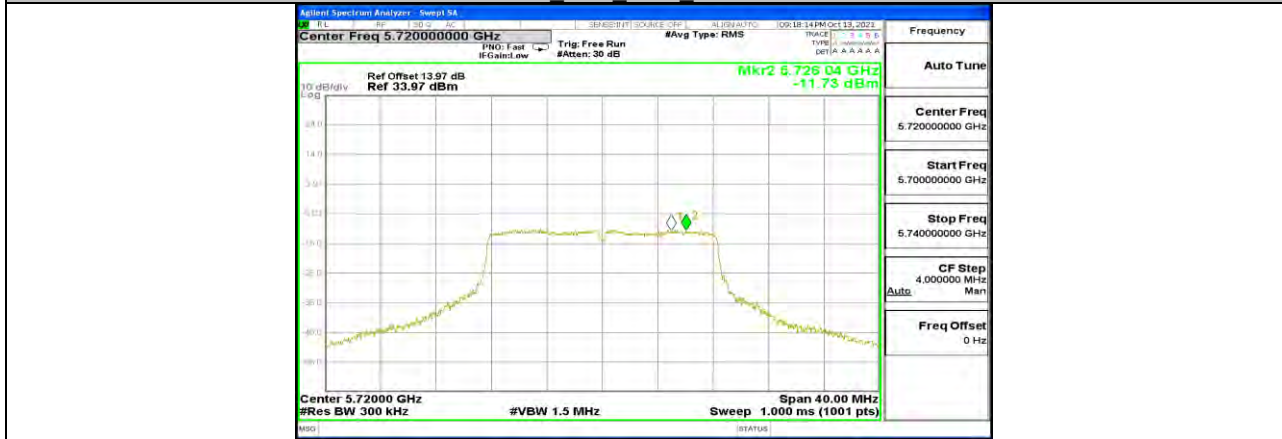
11A Ant1 5580



11A Ant1 5700



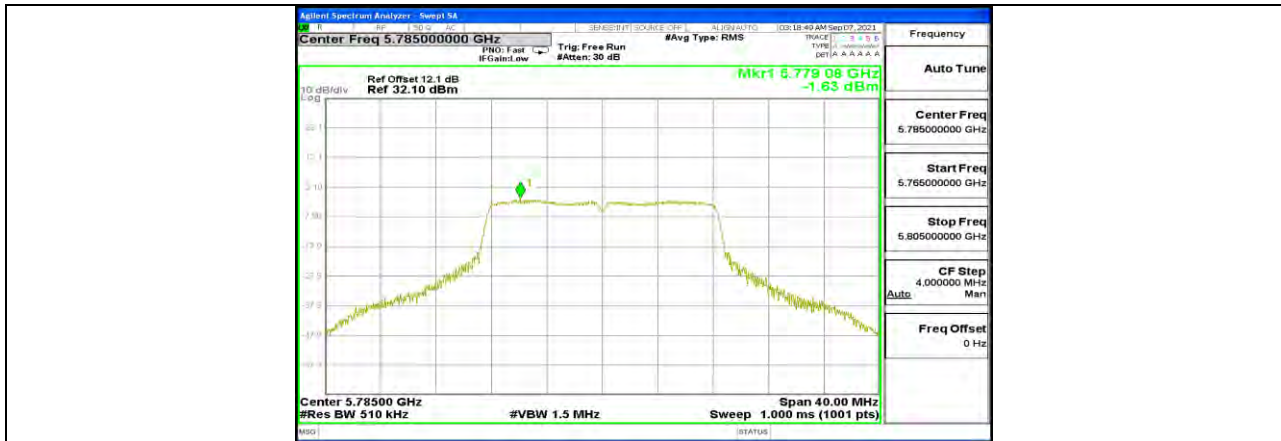
11A Ant1 5720 UNII-2C



11A Ant1 5720 UNII-3



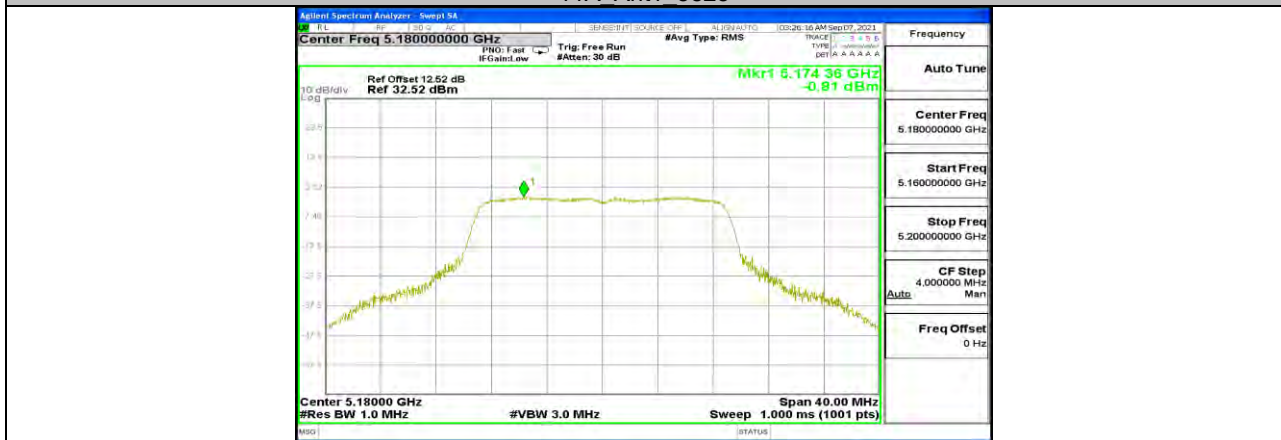
11A Ant1 5745



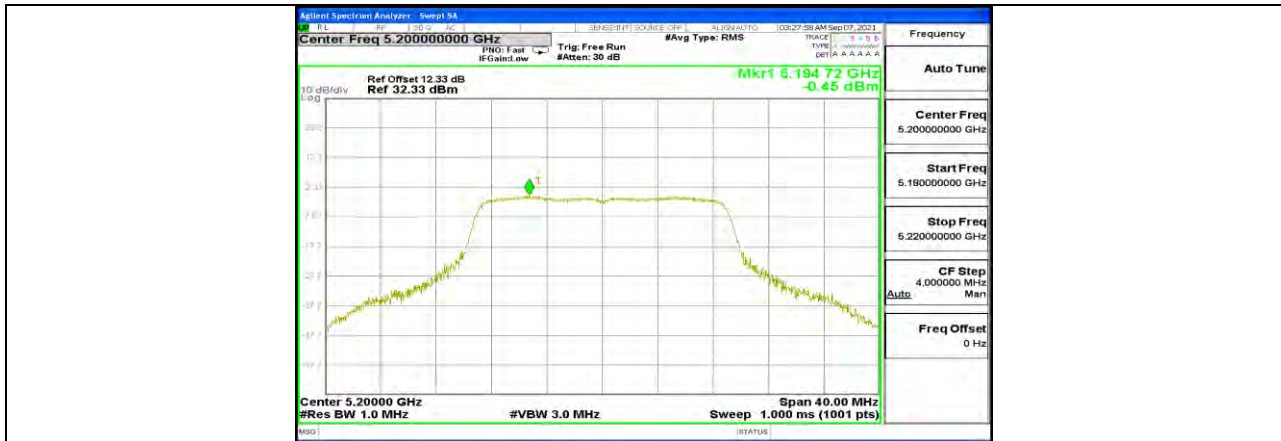
11A Ant1 5785



11A Ant1 5825



11N20SIS0 Ant1 5180



11N20SISO Ant1 5200



11N20SISO Ant1 5240



11N20SISO Ant1 5260





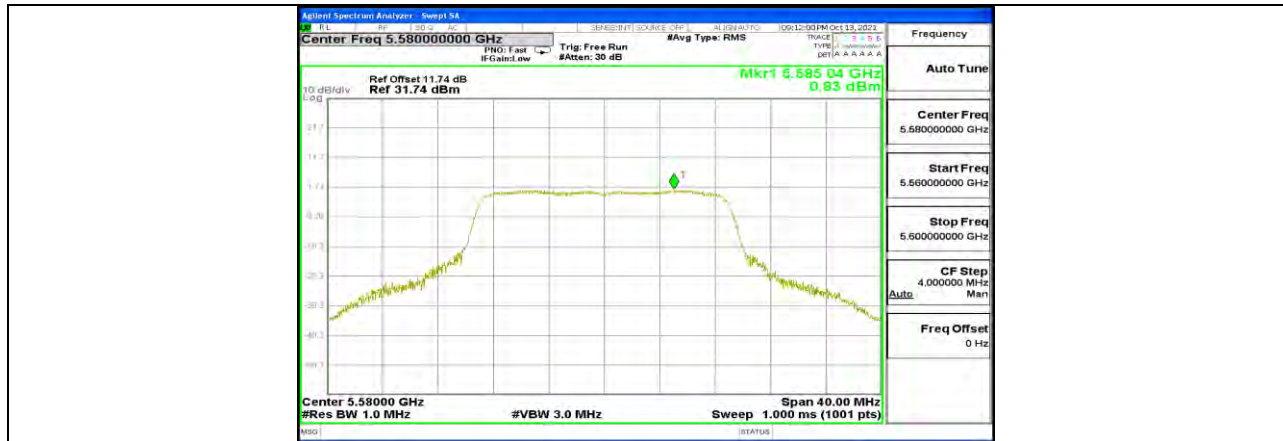
11N20SISO Ant1 5280



11N20SISO Ant1 5320



11N20SISO Ant1 5500



11N20SISO Ant1 5580



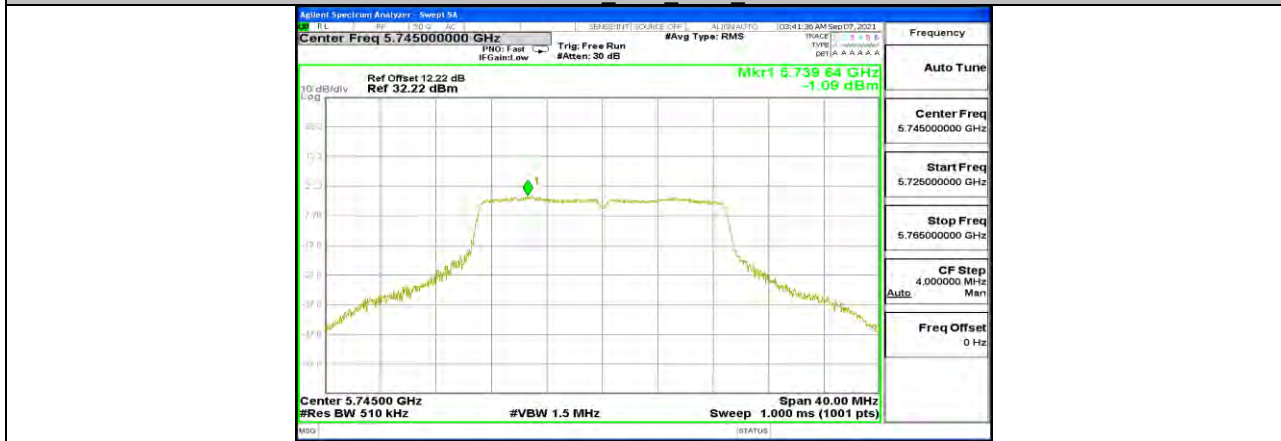
11N20SISO Ant1 5700



11N20SISO Ant1 5720 UNII-2C



11N20SISO Ant1 5720 UNII-3



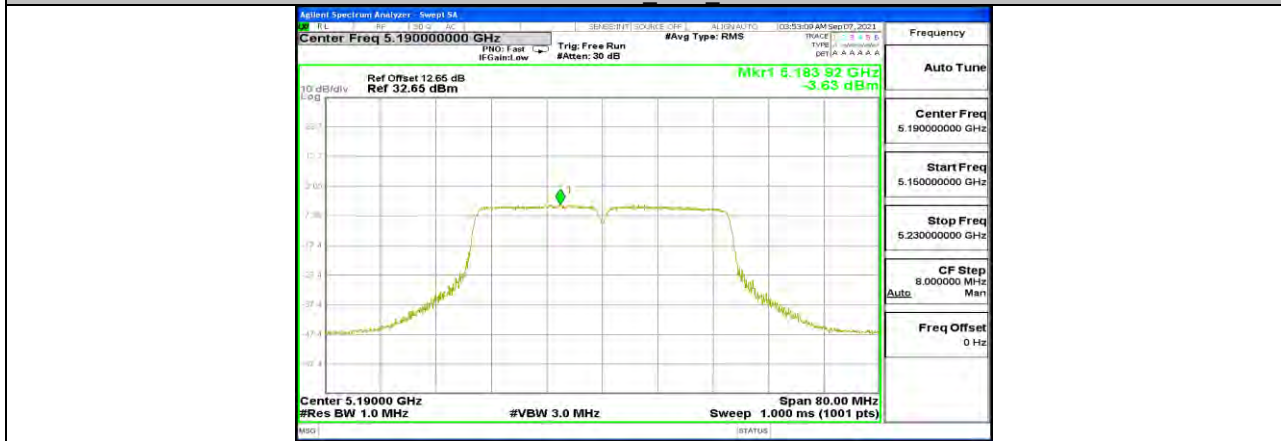
11N20SISO Ant1 5745



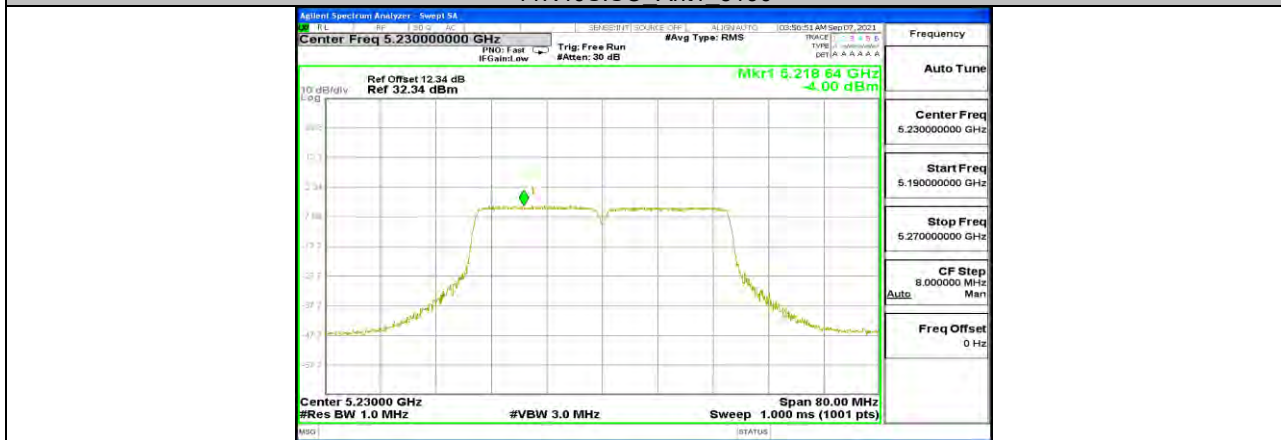
11N20SISO Ant1 5785



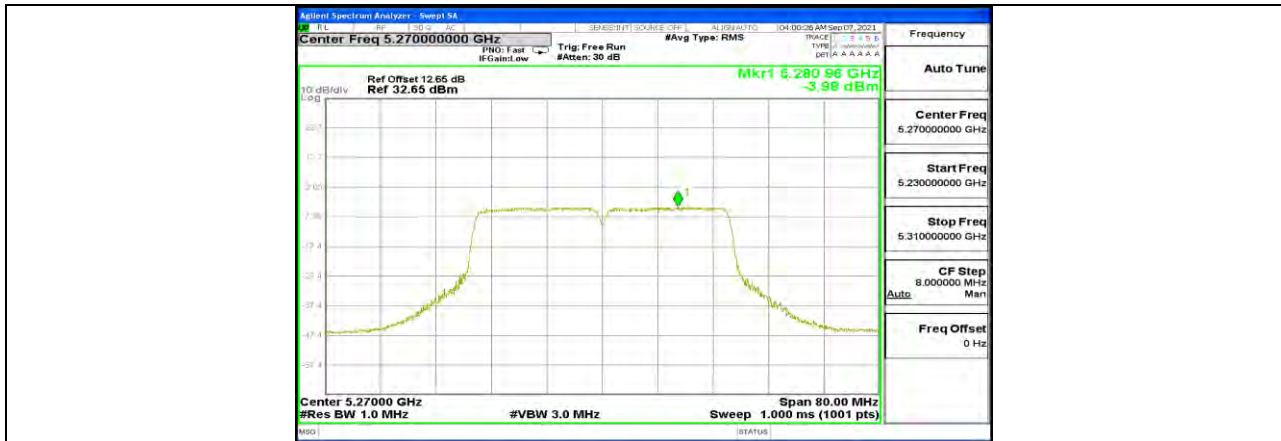
11N20SISO Ant1 5825



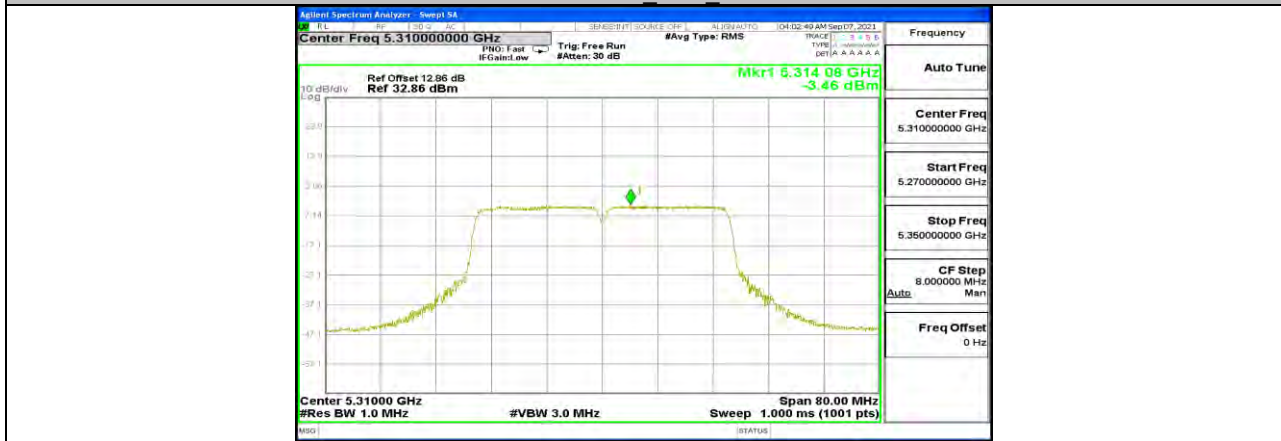
11N40SISO Ant1 5190



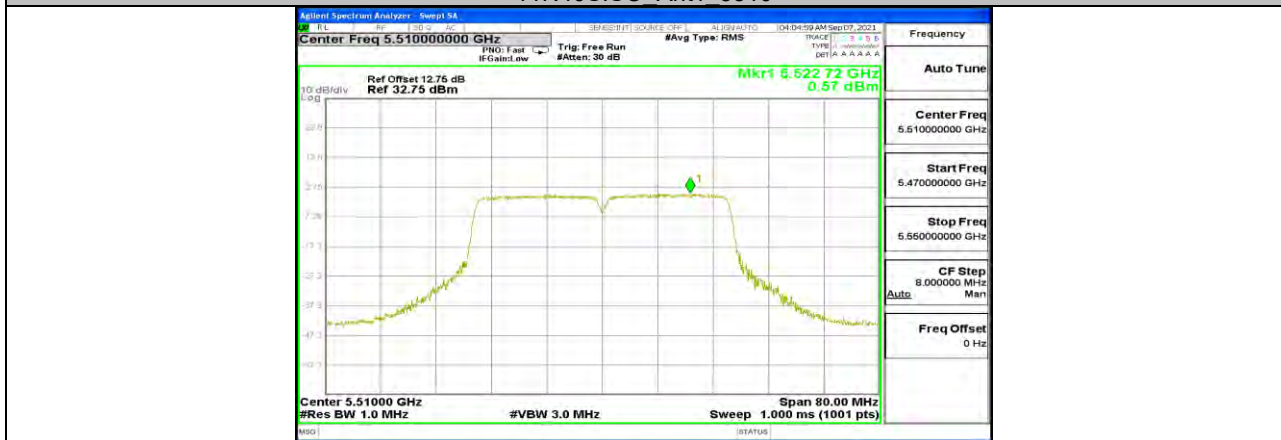
11N40SISO Ant1 5230



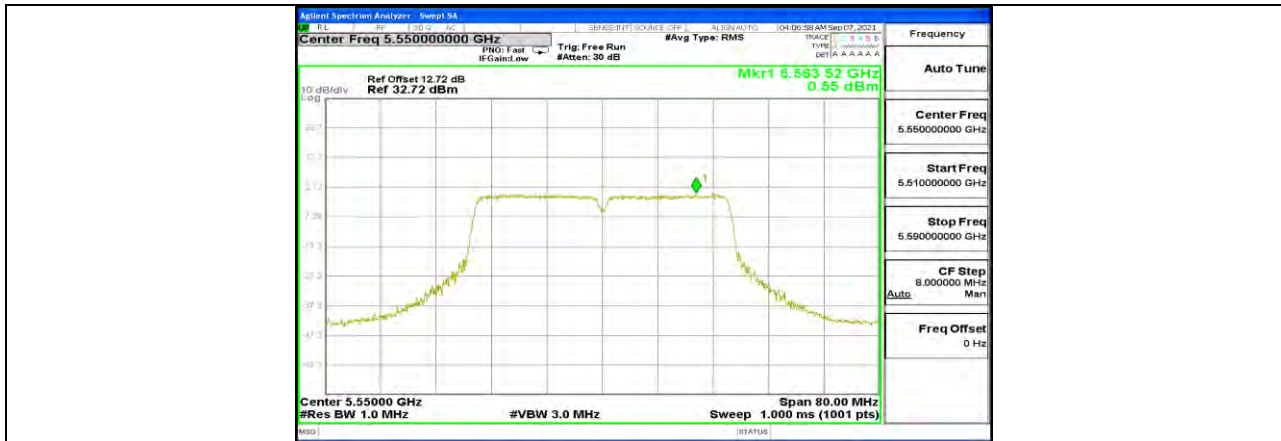
11N40SISO Ant1 5270



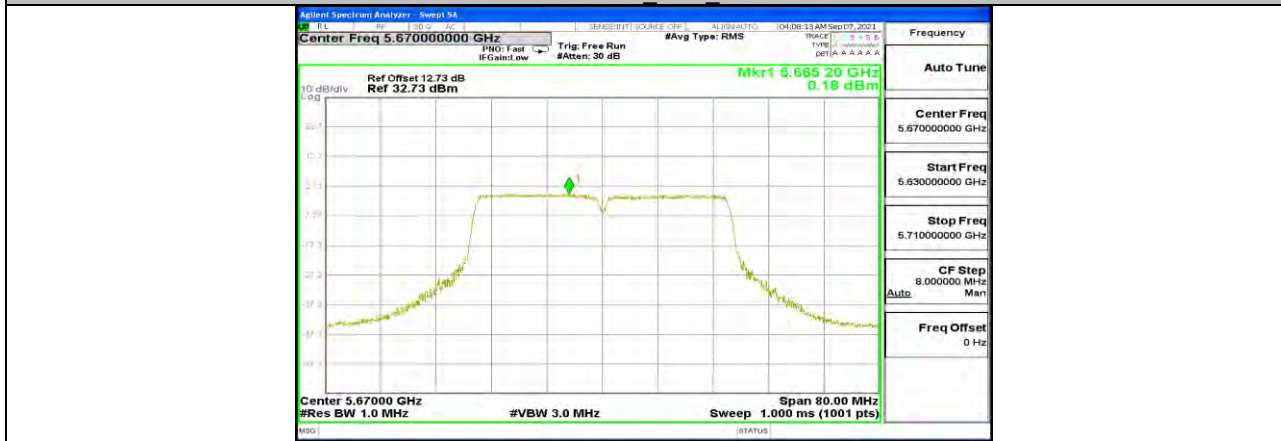
11N40SISO Ant1 5310



11N40SISO Ant1 5510



11N40SISO Ant1 5550



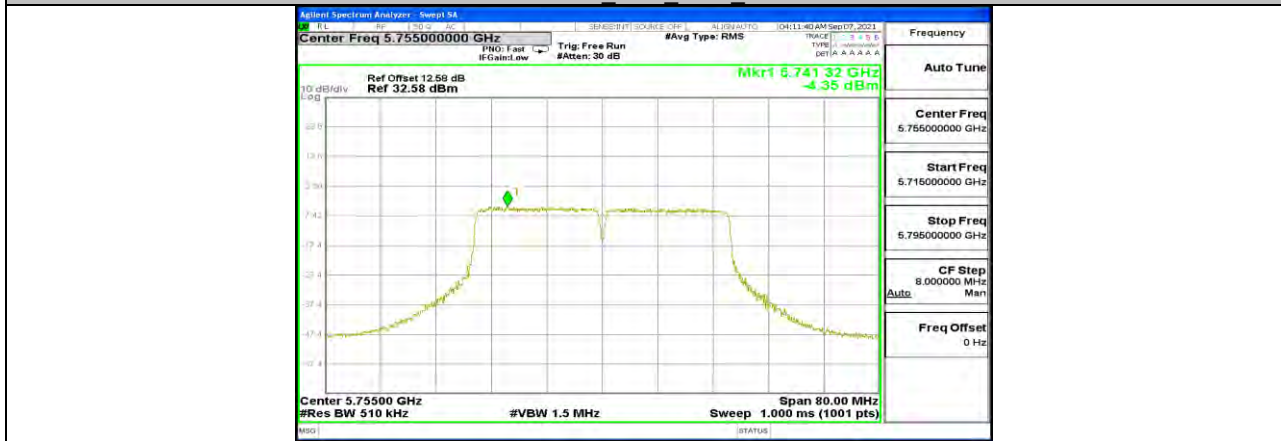
11N40SISO Ant1 5670



11N40SISO Ant1 5710 UNII-2C



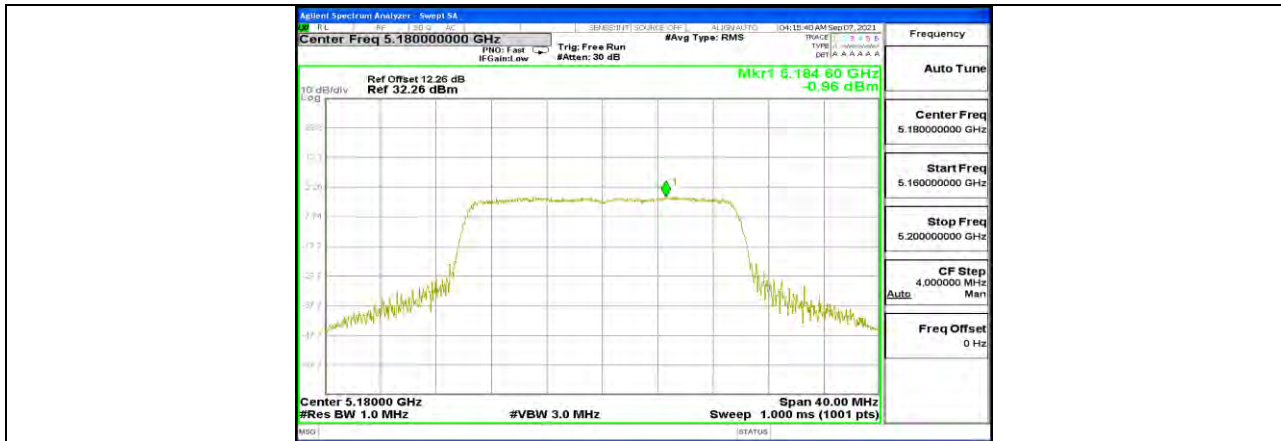
11N40SISO Ant1 5710 UNII-3



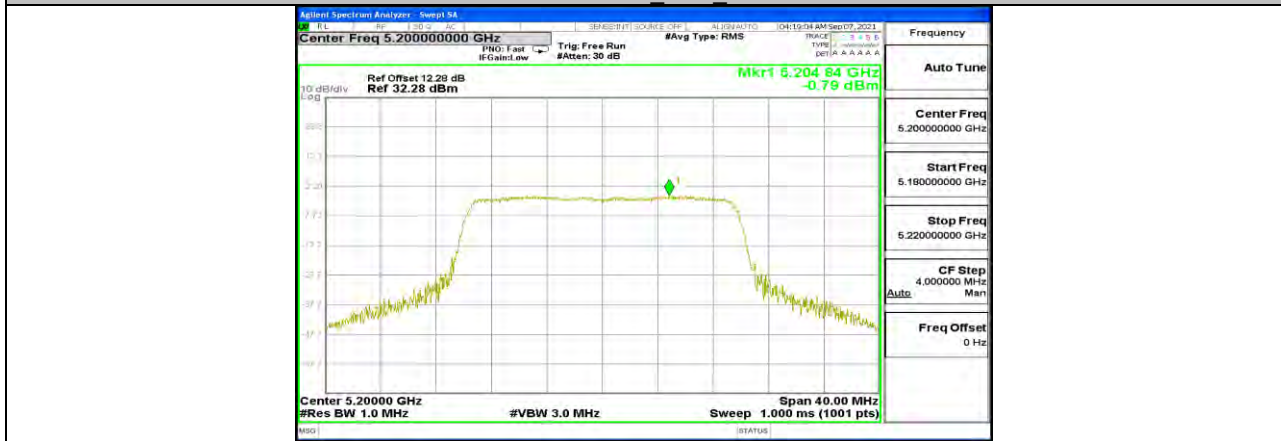
11N40SISO Ant1 5755



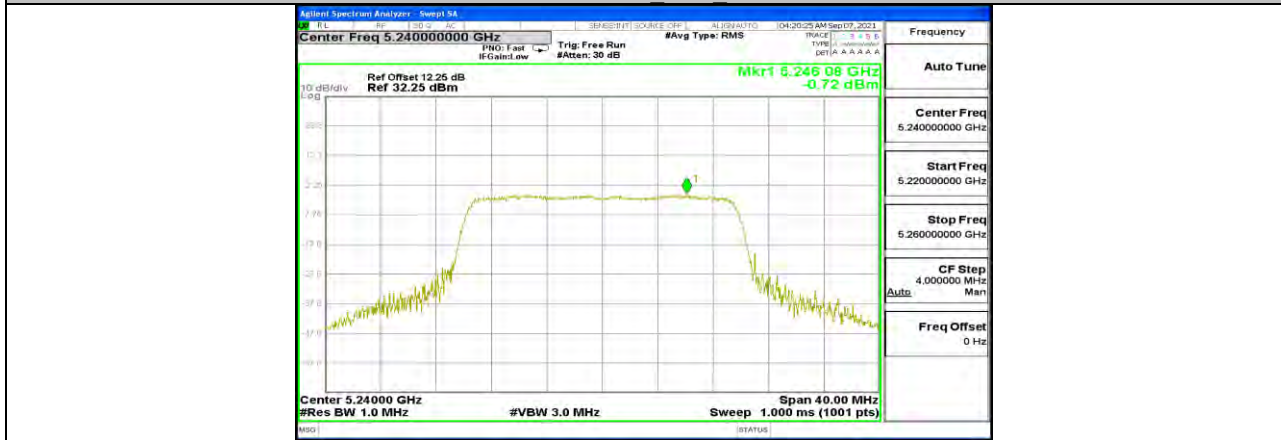
11N40SISO Ant1 5795



11AX20SISO Ant1 5180

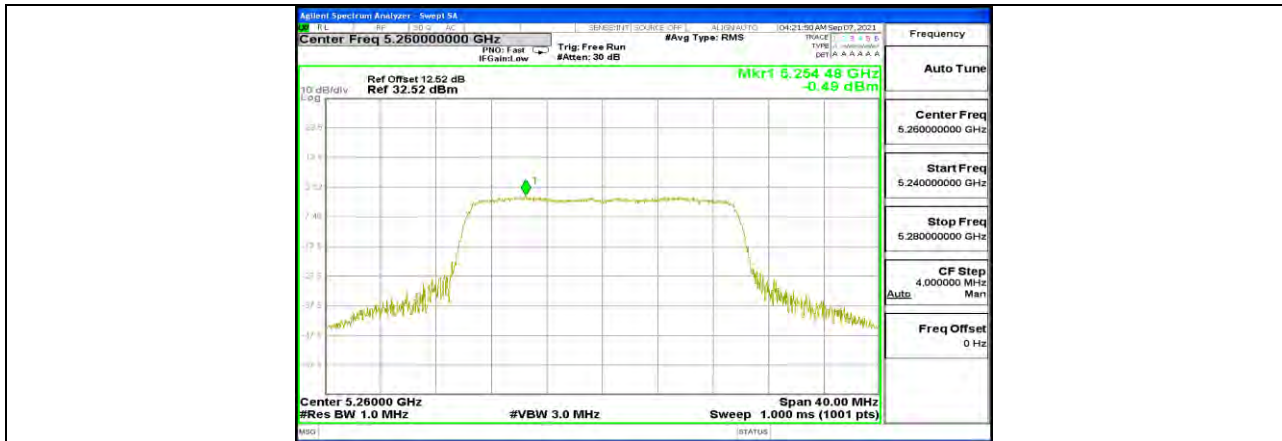


11AX20SISO Ant1 5200

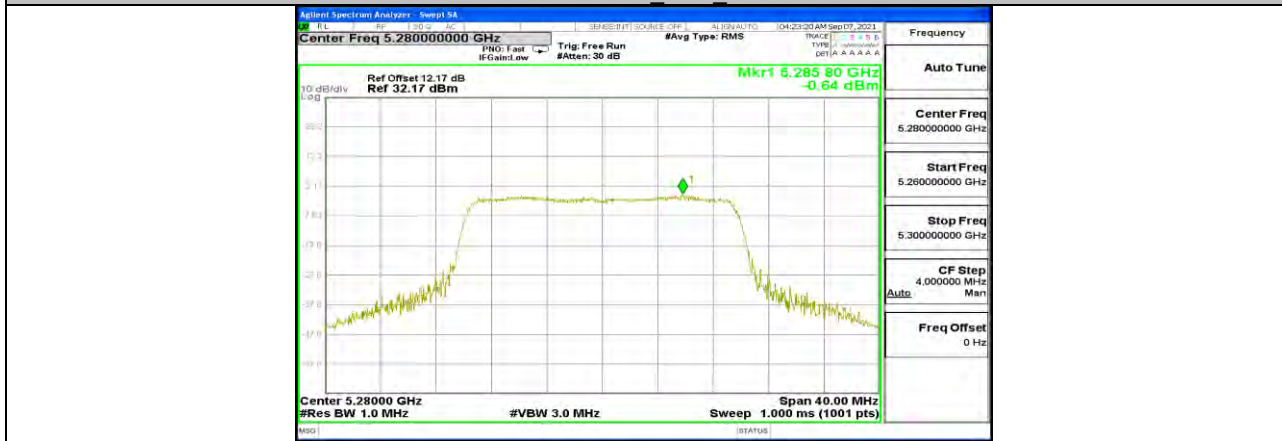


11AX20SISO Ant1 5240

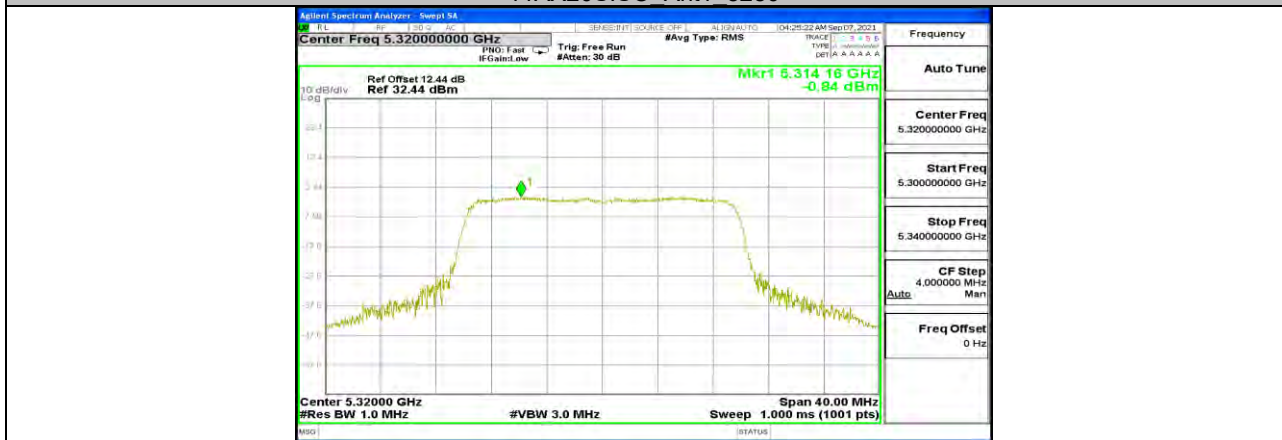




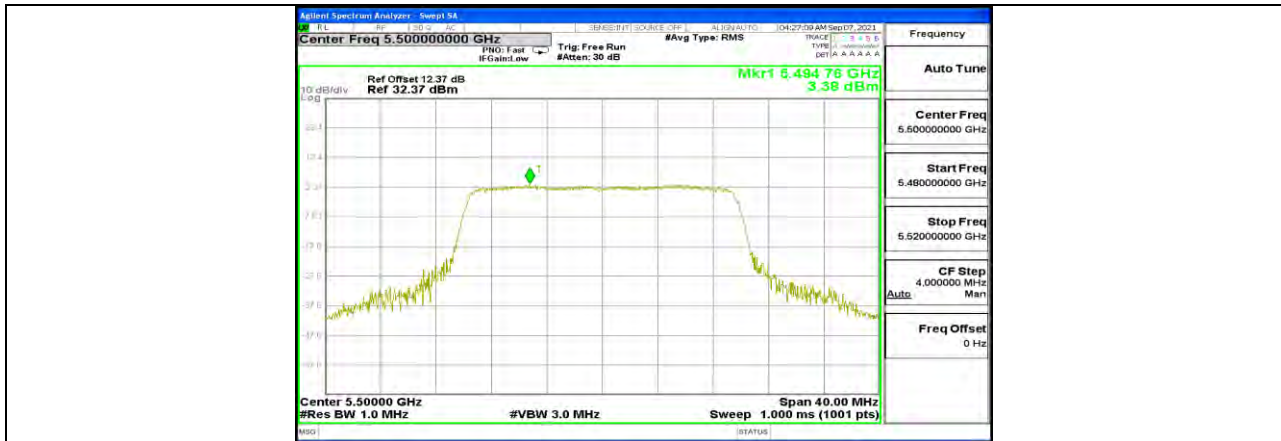
11AX20SISO Ant1 5260



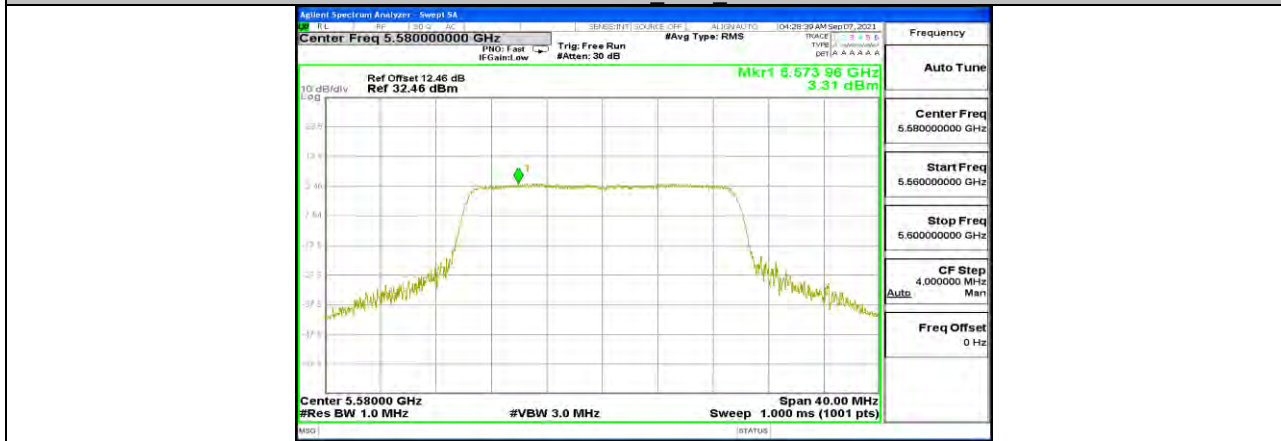
11AX20SISO Ant1 5280



11AX20SISO Ant1 5320



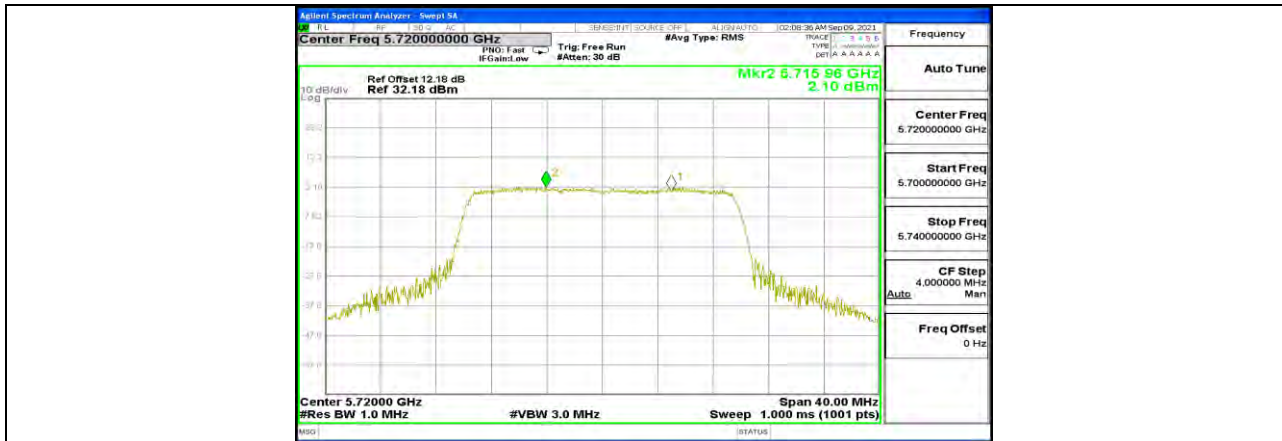
11AX20SISO Ant1 5500



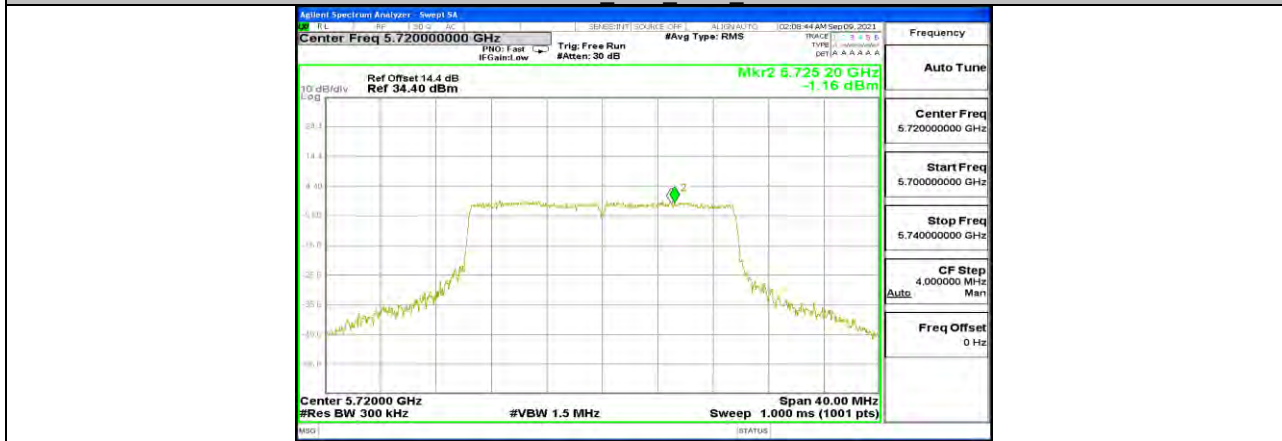
11AX20SISO Ant1 5580



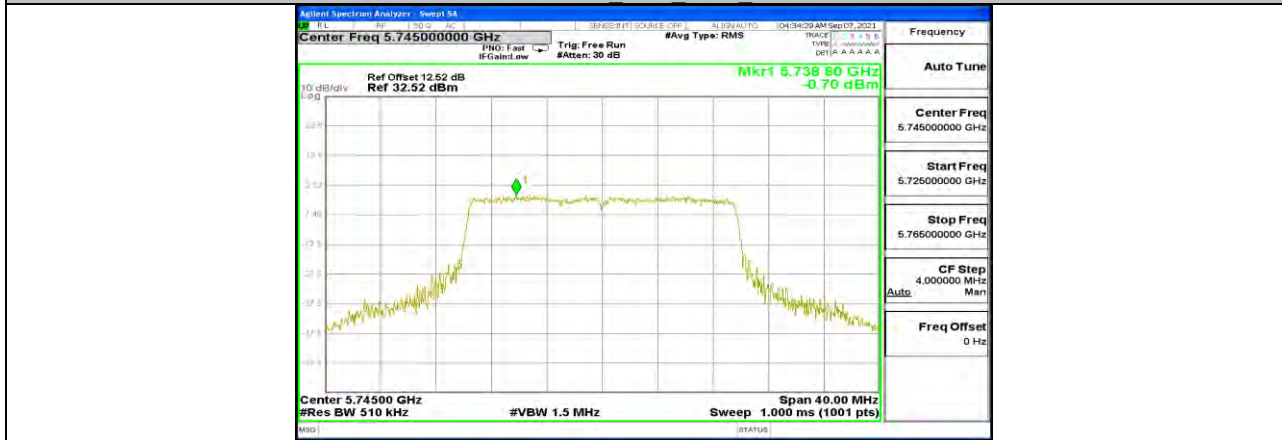
11AX20SISO Ant1 5700



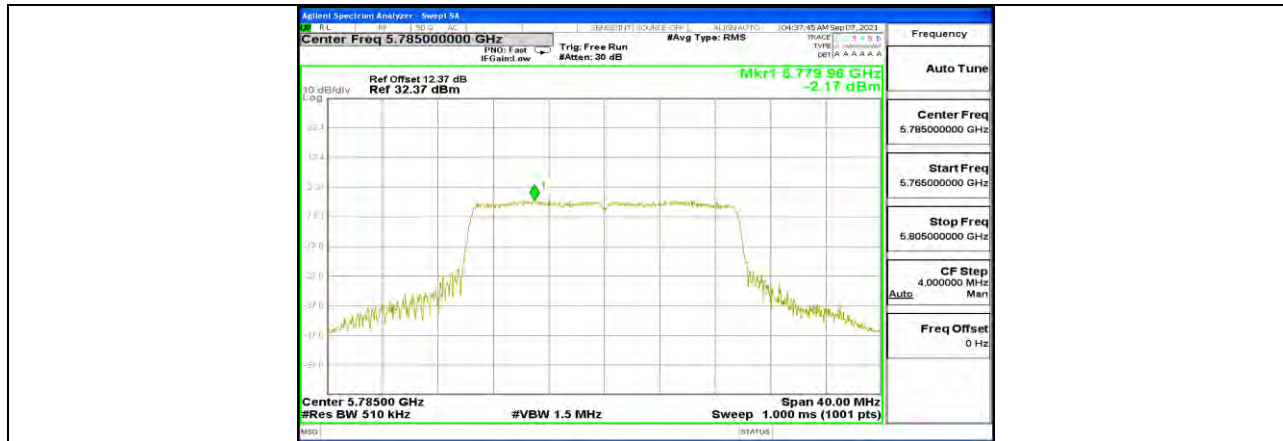
11AX20SISO Ant1 5720 UNII-2C



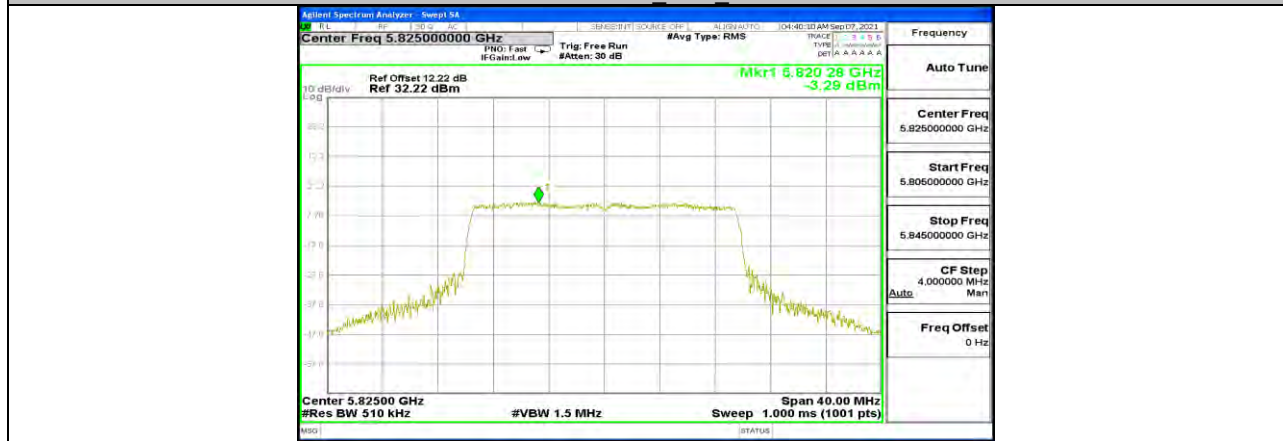
11AX20SISO Ant1 5720 UNII-3



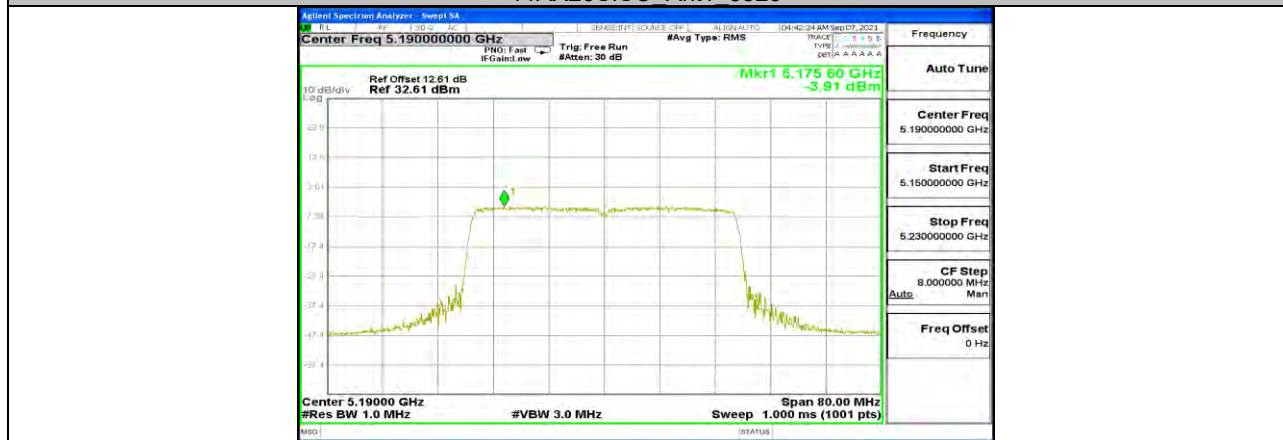
11AX20SISO Ant1 5745



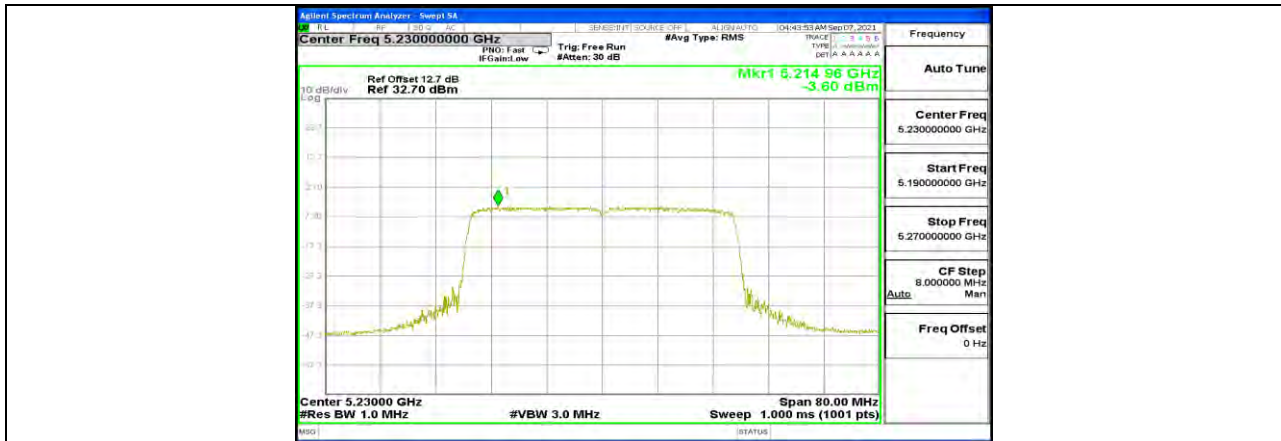
11AX20SISO Ant1 5785



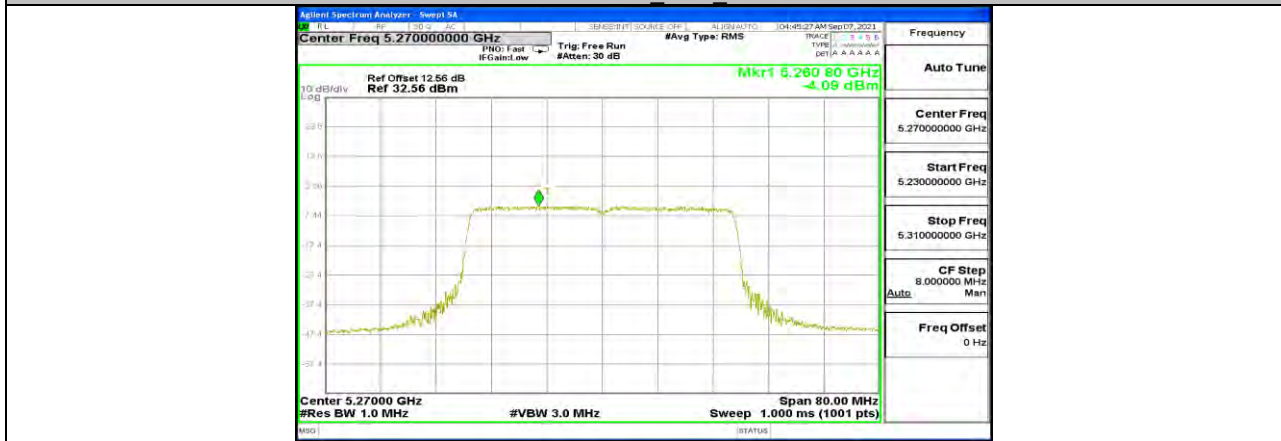
11AX20SISO Ant1 5825



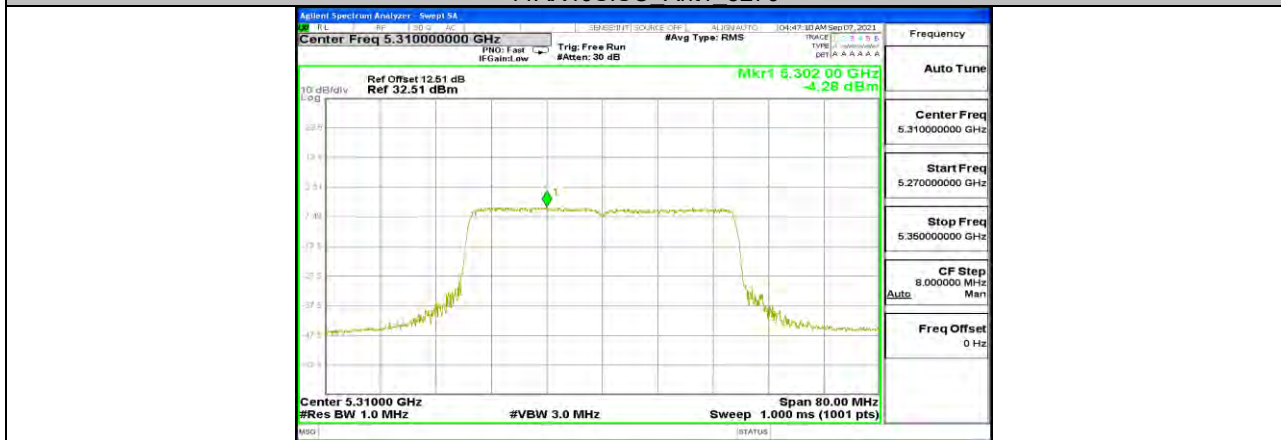
11AX40SISO Ant1 5190



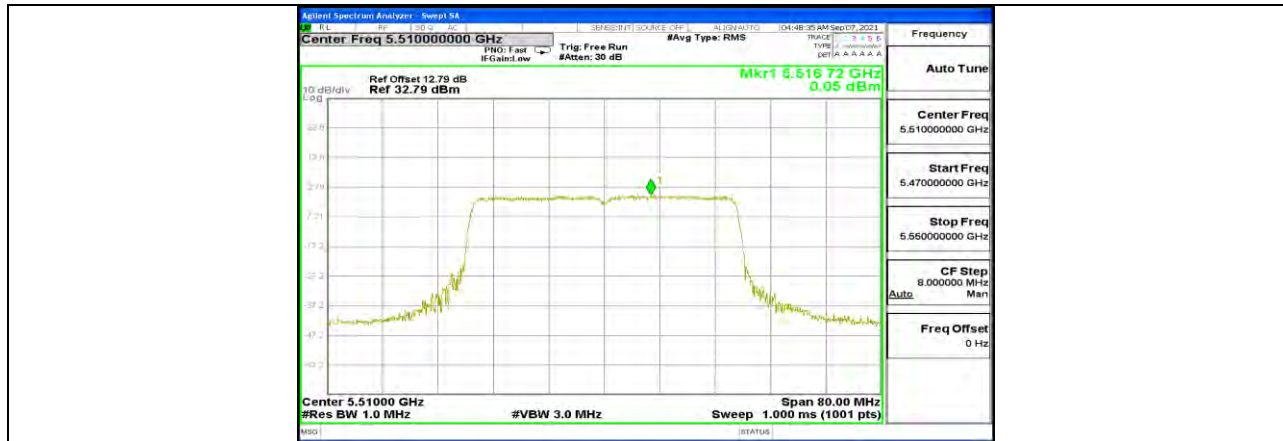
11AX40SISO Ant1 5230



11AX40SISO Ant1 5270



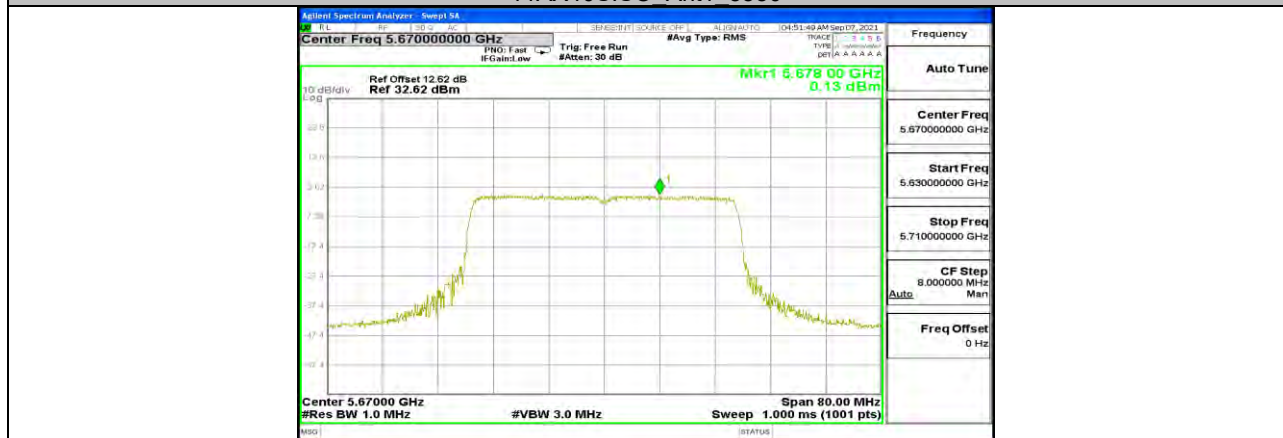
11AX40SISO Ant1 5310



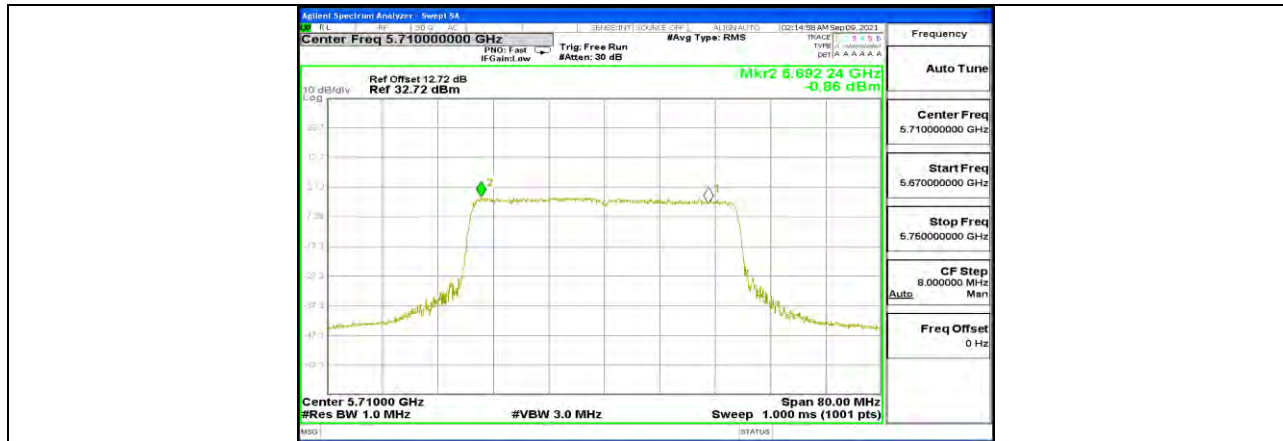
11AX40SISO Ant1 5510



11AX40SISO Ant1 5550



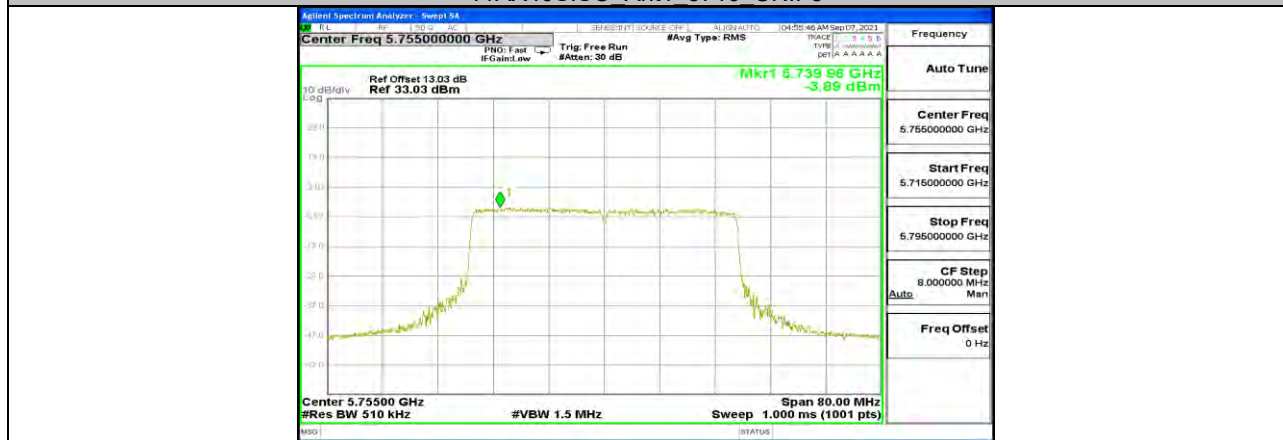
11AX40SISO Ant1 5670



11AX40SISO Ant1 5710 UNII-2C



11AX40SISO Ant1 5710 UNII-3



11AX40SISO Ant1 5755







### 13.6. Appendix D: Duty Cycle

#### 13.6.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	2.03	2.17	0.9355	93.55	0.29	0.49	0.5
11N20SISO	1.89	2.13	0.8873	88.73	0.52	0.53	1
11N40SISO	0.93	1.08	0.8611	86.11	0.65	1.08	2
11AX20SISO	1.45	1.54	0.9416	94.16	0.26	0.69	1
11AX40SISO	0.74	0.86	0.8605	86.05	0.65	1.35	2

Note:

Duty Cycle Correction Factor=10log (1/x).

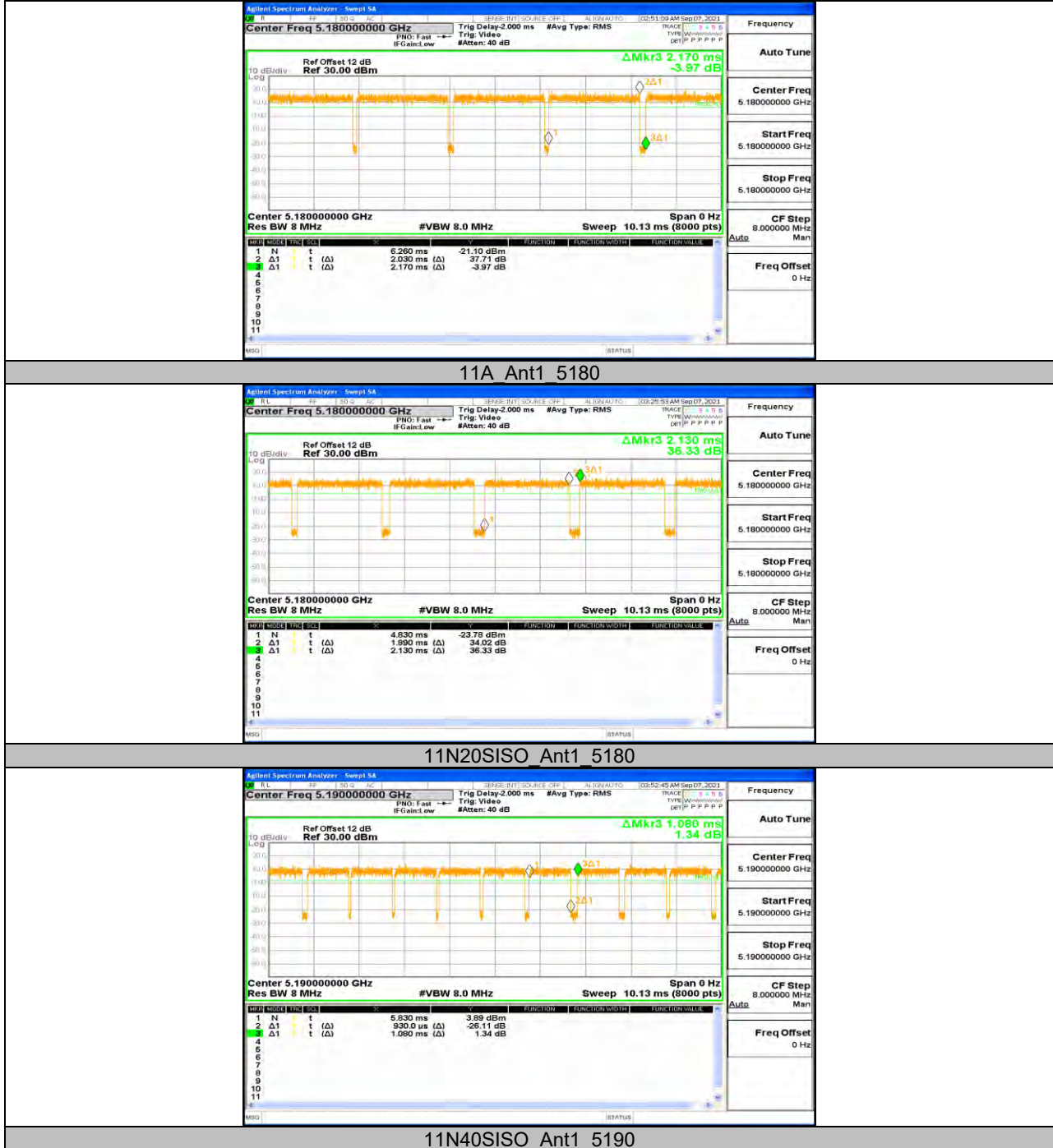
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



### 13.6.2. Test Graphs





11AX20SISO Ant1 5180



11AX40SISO Ant1 5190



**13.7. Appendix E: Frequency Stability**  
**13.7.1. Test Result**

Frequency Error vs. Voltage									
802.11a 20: 5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0008	0.16	5200.0187	3.60	5200.0073	1.40	5199.9836	-3.15
TN	VN	5200.0111	2.13	5199.9860	-2.69	5199.9975	-0.48	5199.9974	-0.50
TN	VH	5199.9751	-4.79	5200.0151	2.90	5200.0053	1.01	5200.0199	3.83
Frequency Error vs. Temperature									
802.11a 20: 5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5199.9907	-1.78	5200.0196	3.78	5200.0212	4.08	5200.0039	0.75
60	VN	5199.9891	-2.10	5199.9884	-2.24	5200.0019	0.37	5199.9793	-3.98
50	VN	5200.0004	0.07	5200.0214	4.12	5200.0086	1.65	5200.0218	4.19
40	VN	5200.0190	3.66	5199.9893	-2.05	5200.0179	3.44	5199.9818	-3.49
30	VN	5199.9936	-1.23	5199.9995	-0.11	5199.9924	-1.47	5200.0101	1.94
20	VN	5200.0032	0.62	5199.9886	-2.20	5200.0180	3.46	5199.9839	-3.10
10	VN	5199.9869	-2.52	5199.9826	-3.35	5200.0112	2.14	5199.9905	-1.82
0	VN	5200.0236	4.54	5199.9984	-0.31	5200.0009	0.18	5200.0158	3.04



Frequency Error vs. Voltage									
802.11a: 5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5825.0015	0.25	5825.0125	2.15	5824.9805	-3.35	5824.9859	-2.42
TN	VN	5824.9924	-1.31	5825.0069	1.19	5825.0057	0.98	5825.0203	3.49
TN	VH	5825.0183	3.13	5824.9817	-3.14	5825.0197	3.38	5824.9985	-0.26
Frequency Error vs. Temperature									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5825.0101	1.74	5824.9852	-2.55	5824.9931	-1.19	5824.9875	-2.15
60	VN	5824.9909	-1.56	5825.0183	3.14	5824.9783	-3.72	5825.0049	0.83
50	VN	5825.0068	1.17	5824.9806	-3.32	5824.9965	-0.60	5825.0070	1.20
40	VN	5825.0112	1.93	5824.9780	-3.77	5825.0176	3.02	5824.9877	-2.11
30	VN	5824.9972	-0.48	5824.9752	-4.26	5825.0002	0.04	5825.0121	2.08
20	VN	5825.0050	0.86	5824.9852	-2.55	5824.9798	-3.47	5825.0040	0.68
10	VN	5824.9905	-1.63	5824.9813	-3.21	5825.0062	1.07	5825.0211	3.63
0	VN	5824.9929	-1.21	5825.0192	3.30	5824.9776	-3.85	5824.9790	-3.61

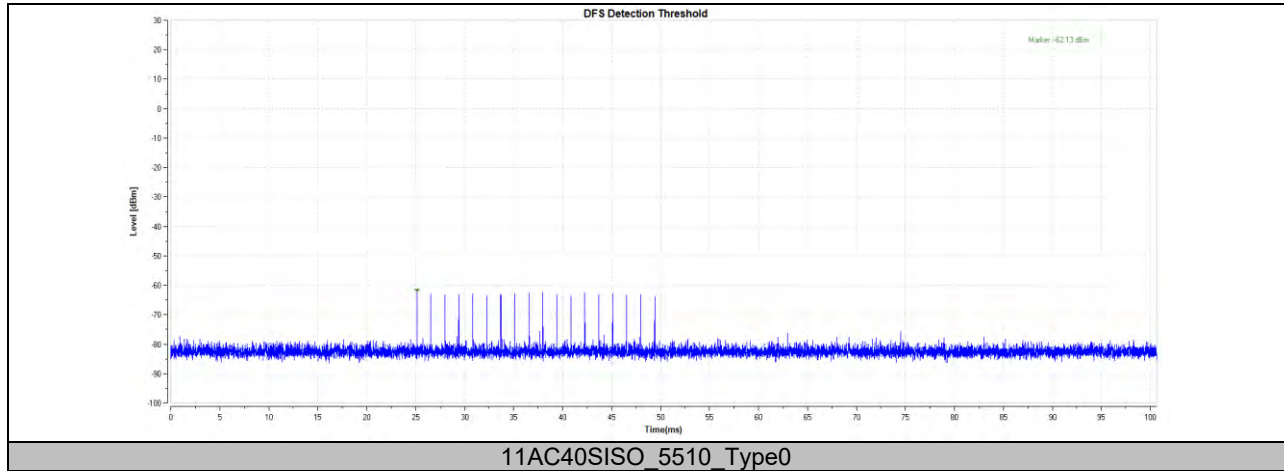
Note: All antennas and test modes have been tested, only the worst data record in the report.

### 13.8. Appendix F: Dynamic Frequency Selection

#### Radar Signal Test Result

Test Mode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC40SISO	5510	Type0	-62.13	-57.64	PASS

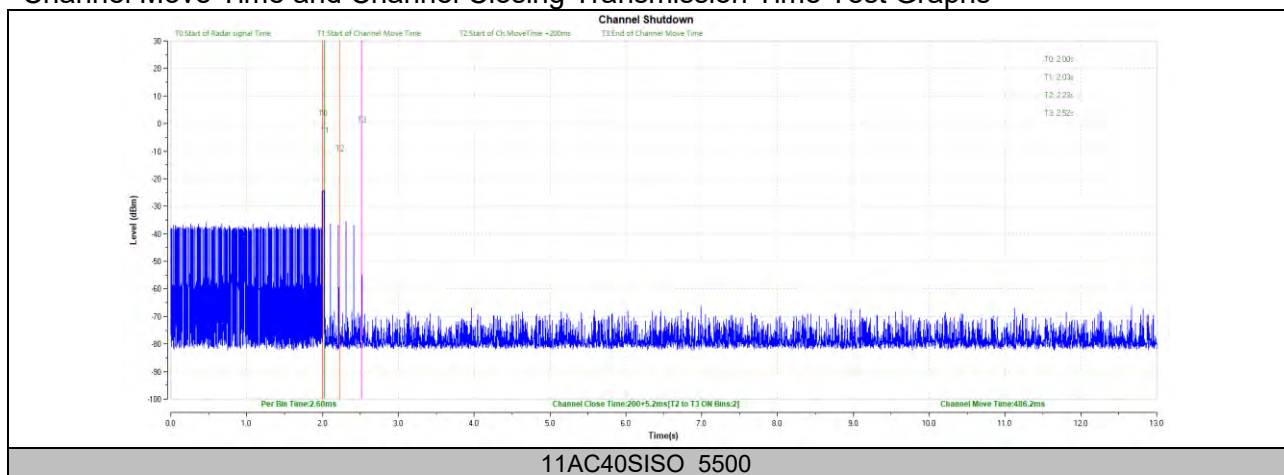
#### Radar Signal Test Graphs



#### Channel Move Time and Channel Closing Transmission Time Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC40SISO	5500	200+5.2	200+60	486.2	10000	PASS

#### Channel Move Time and Channel Closing Transmission Time Test Graphs

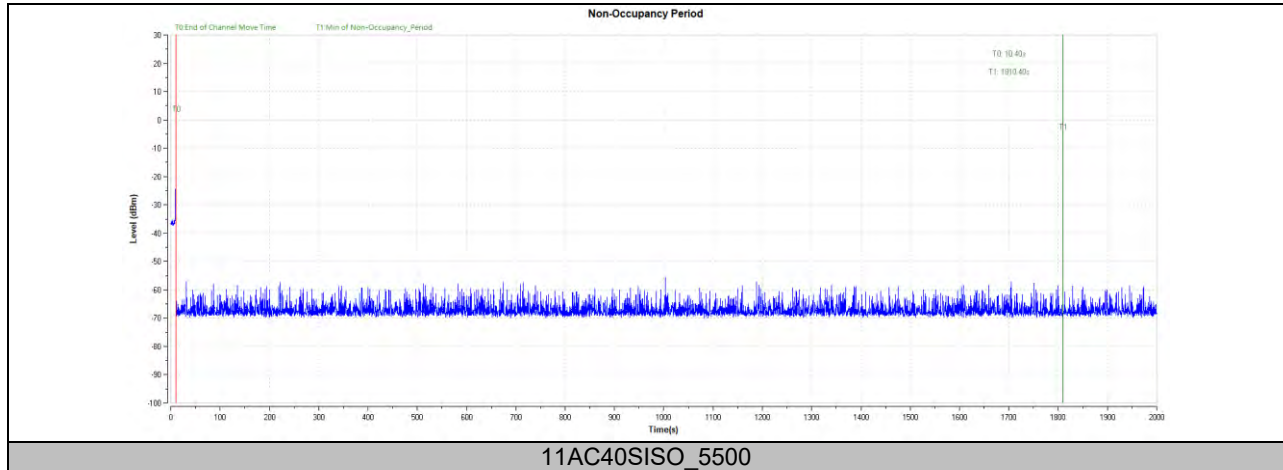




### Non-Occupancy Period Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC40SISO	5500	see test graph	≥1800	PASS

### Non-Occupancy Test Graphs



**END OF REPORT**