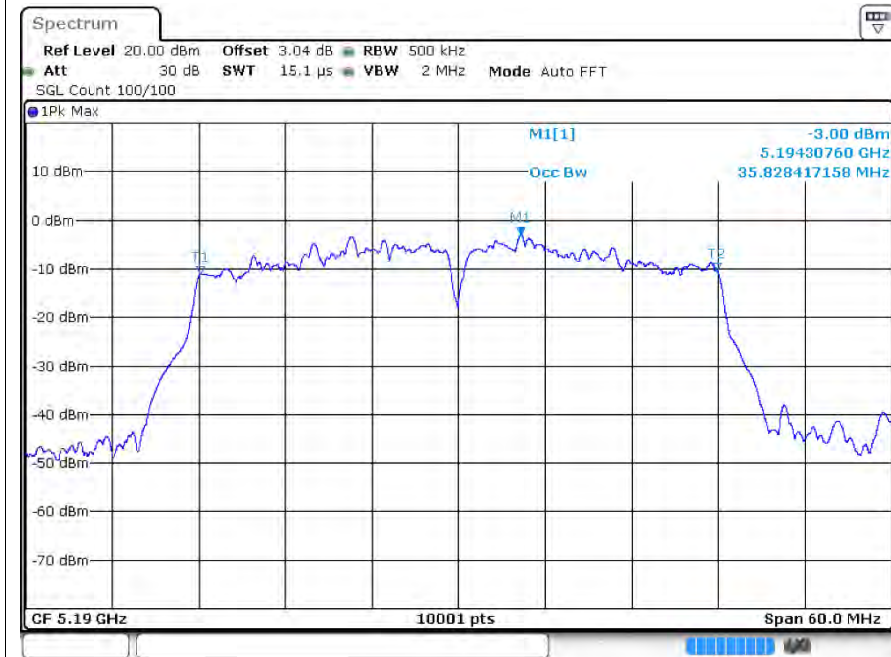
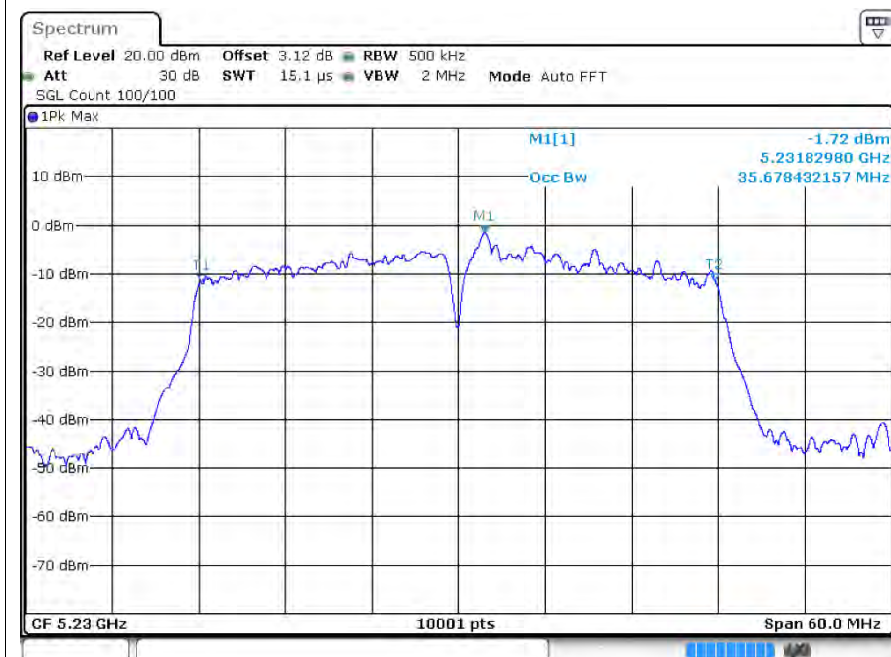
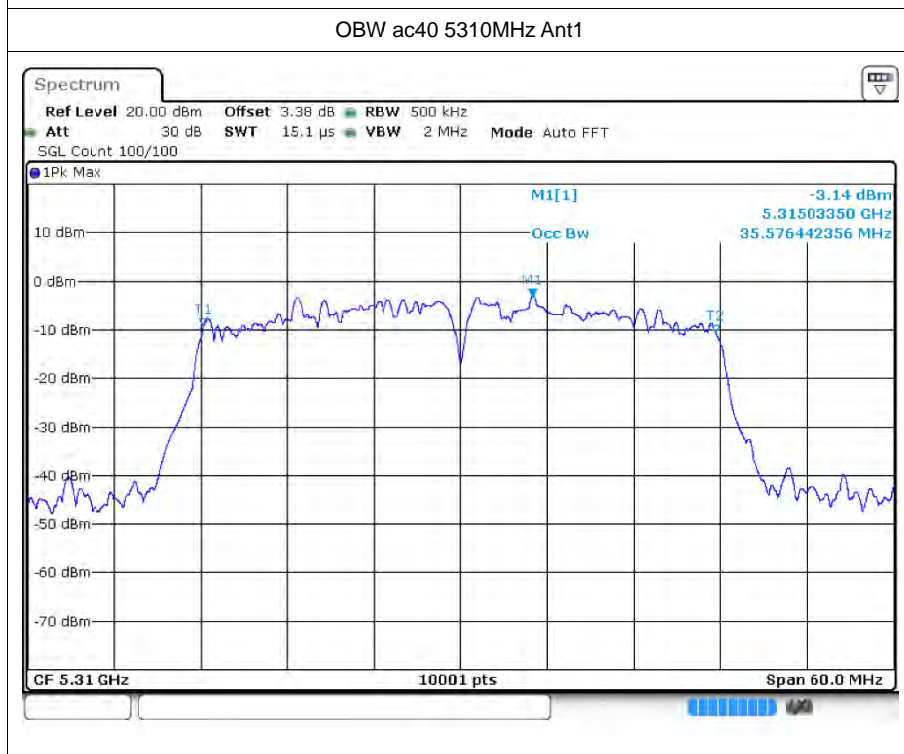
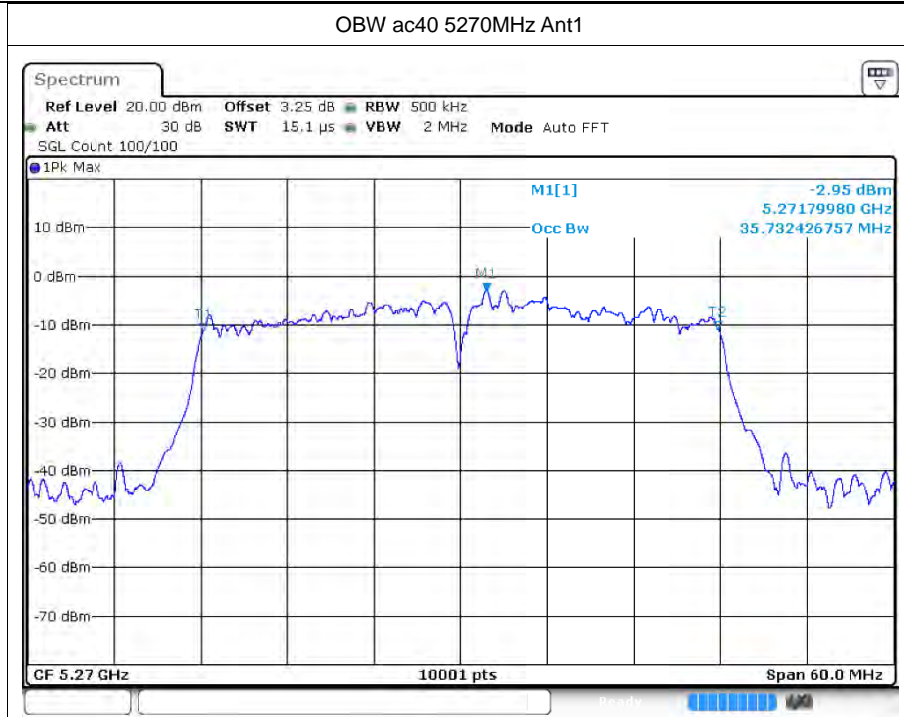


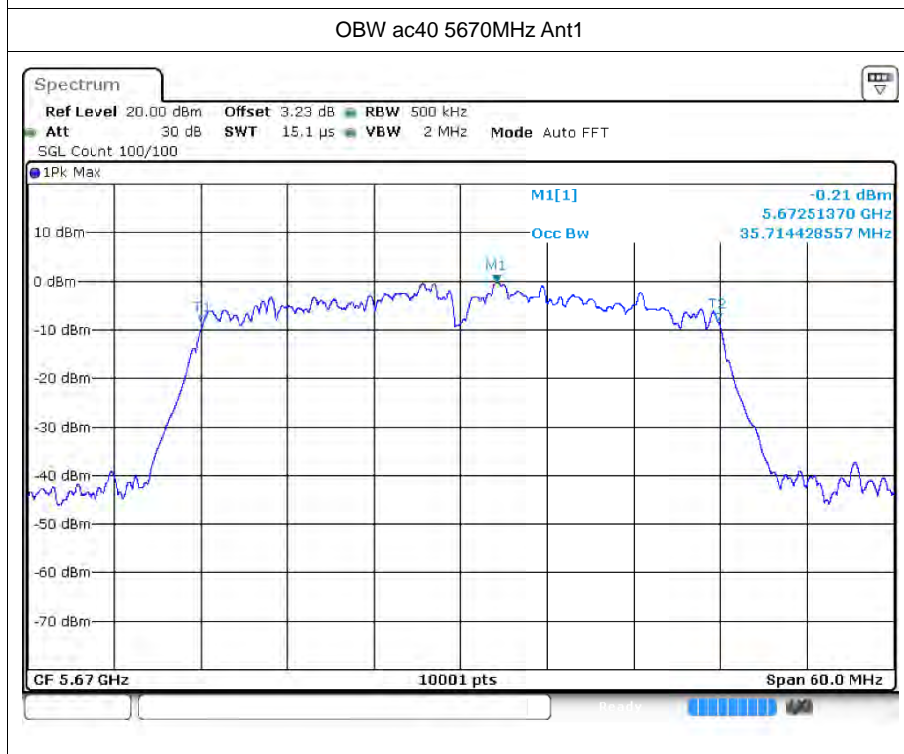
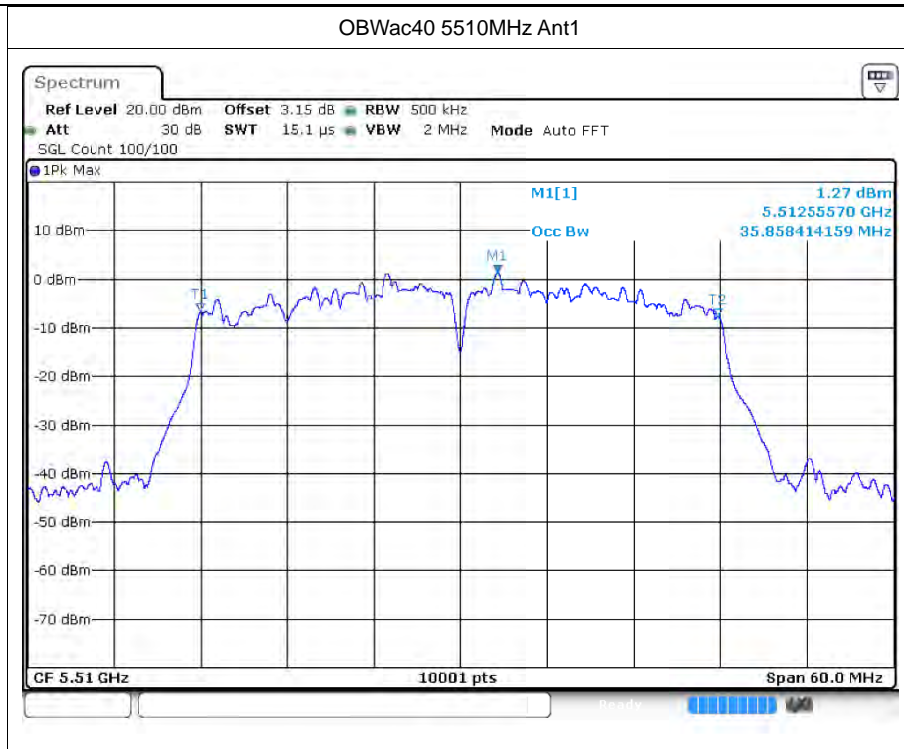
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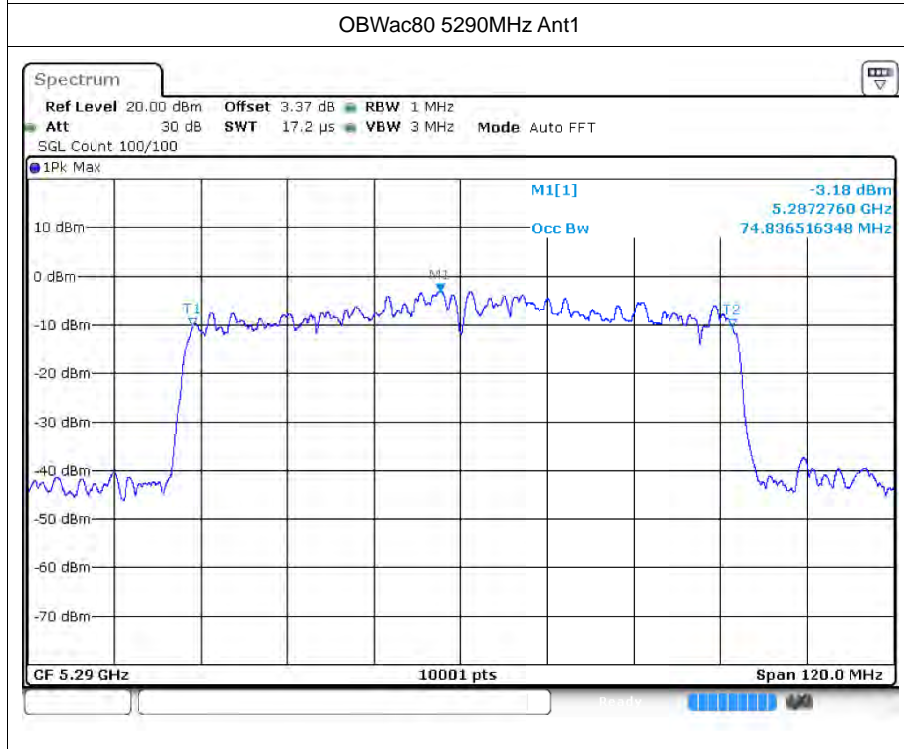
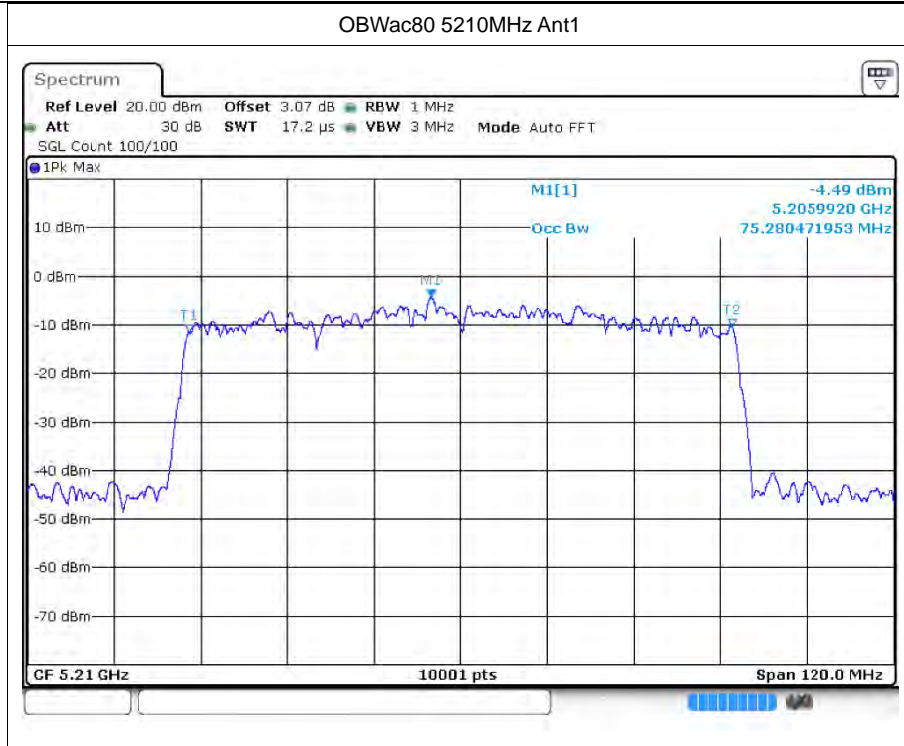


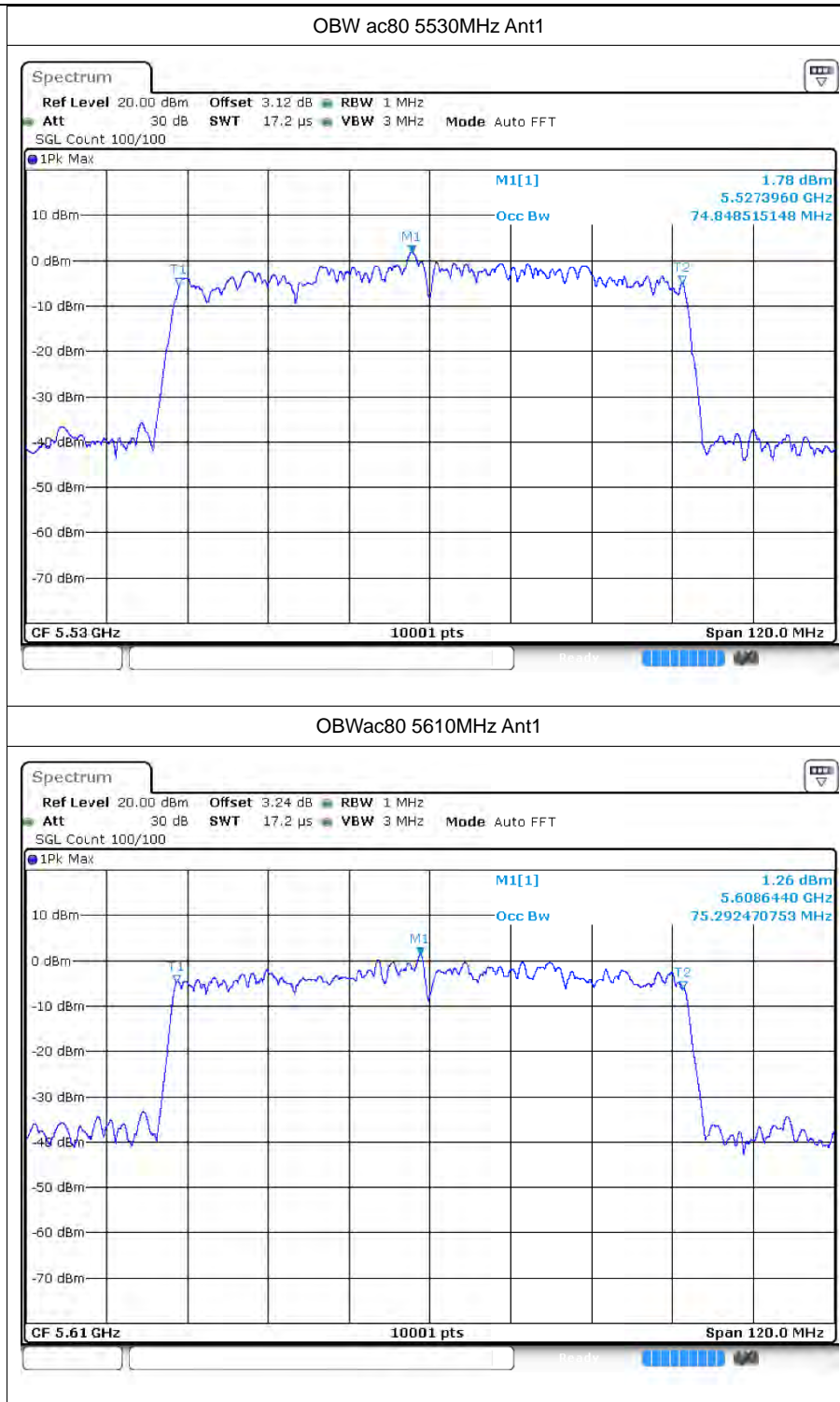
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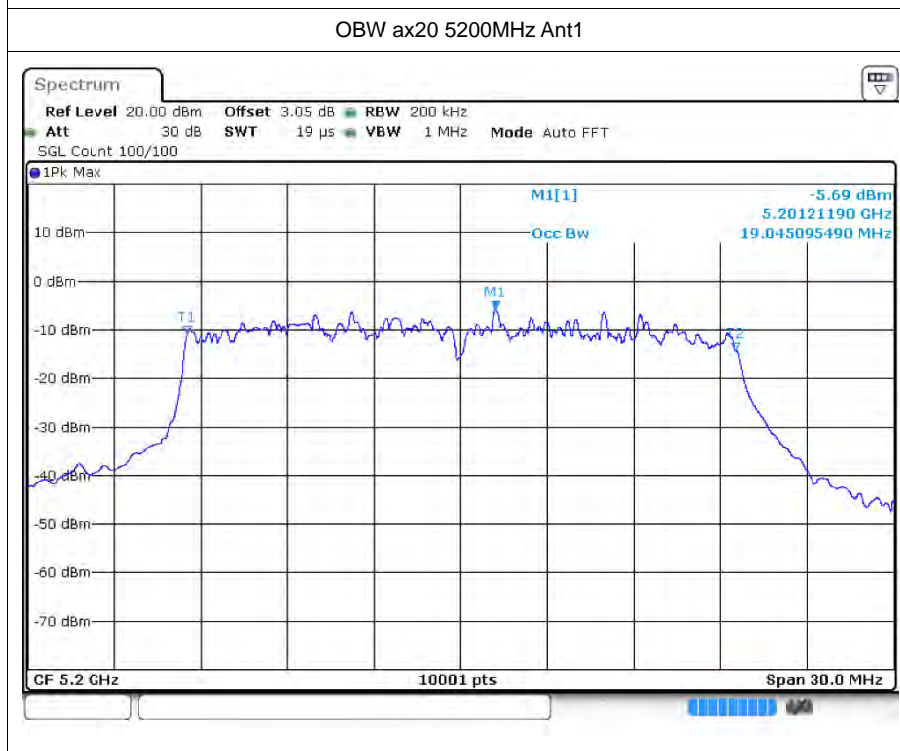
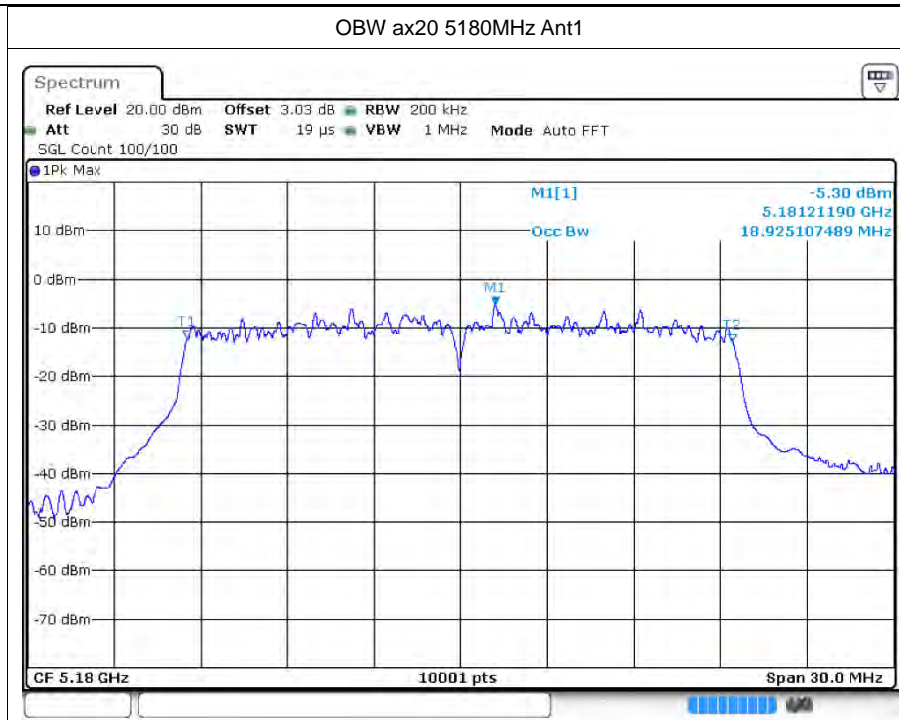


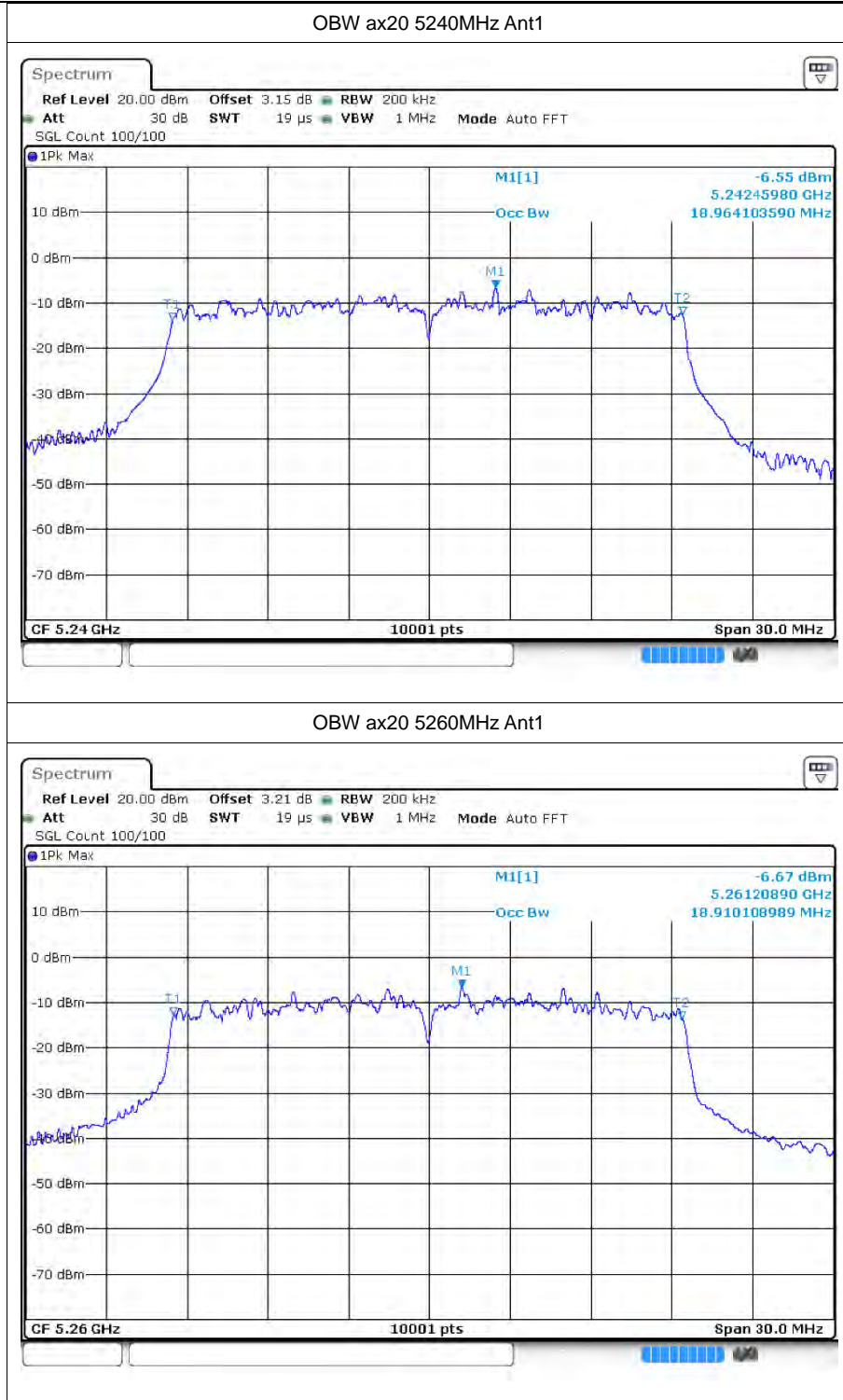


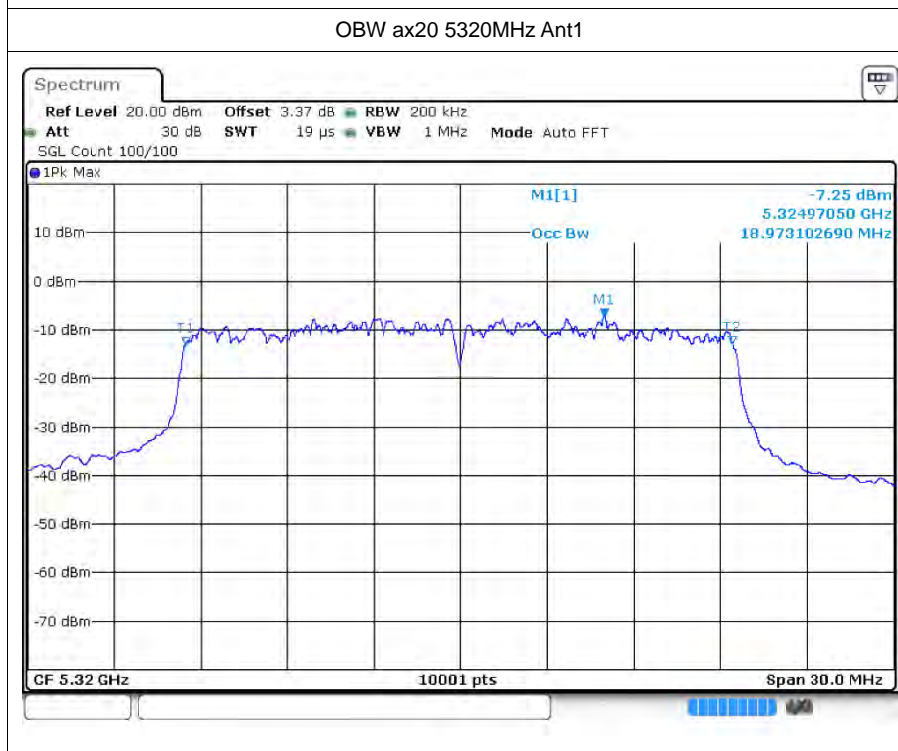
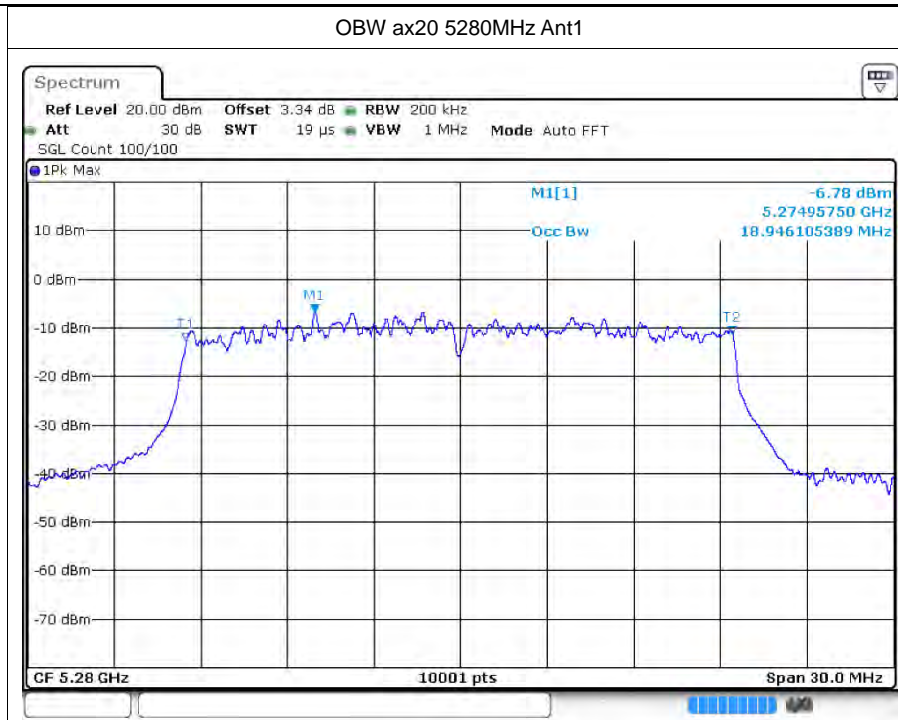


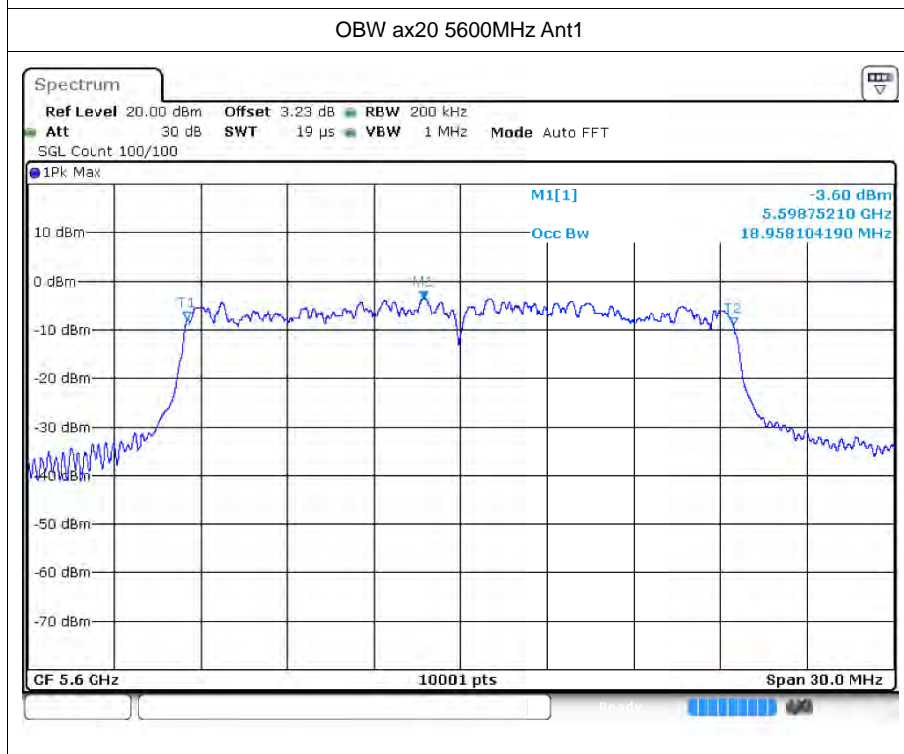
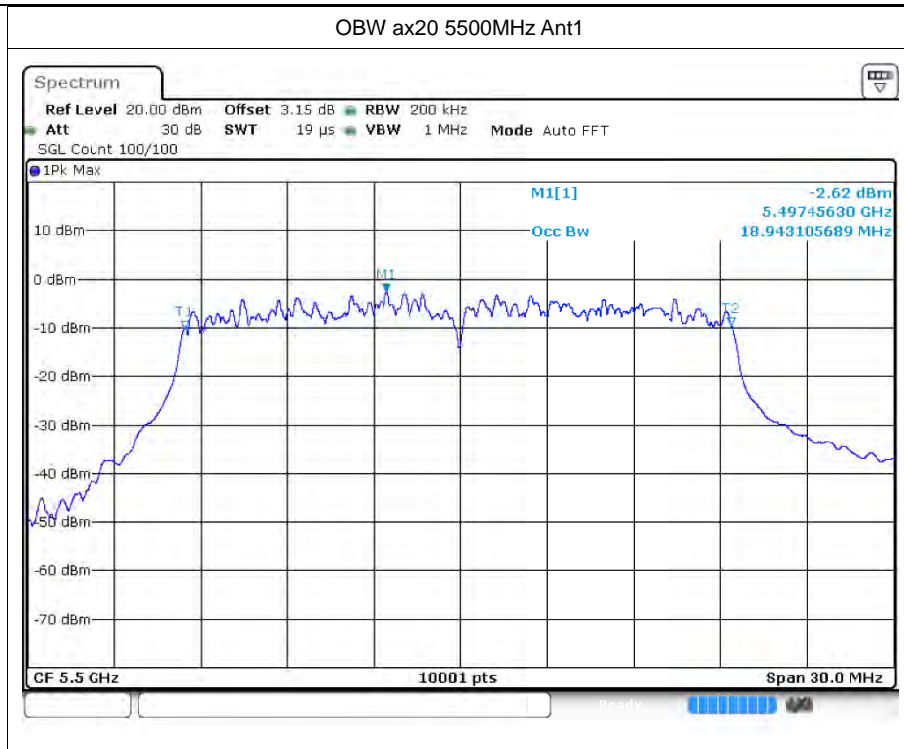


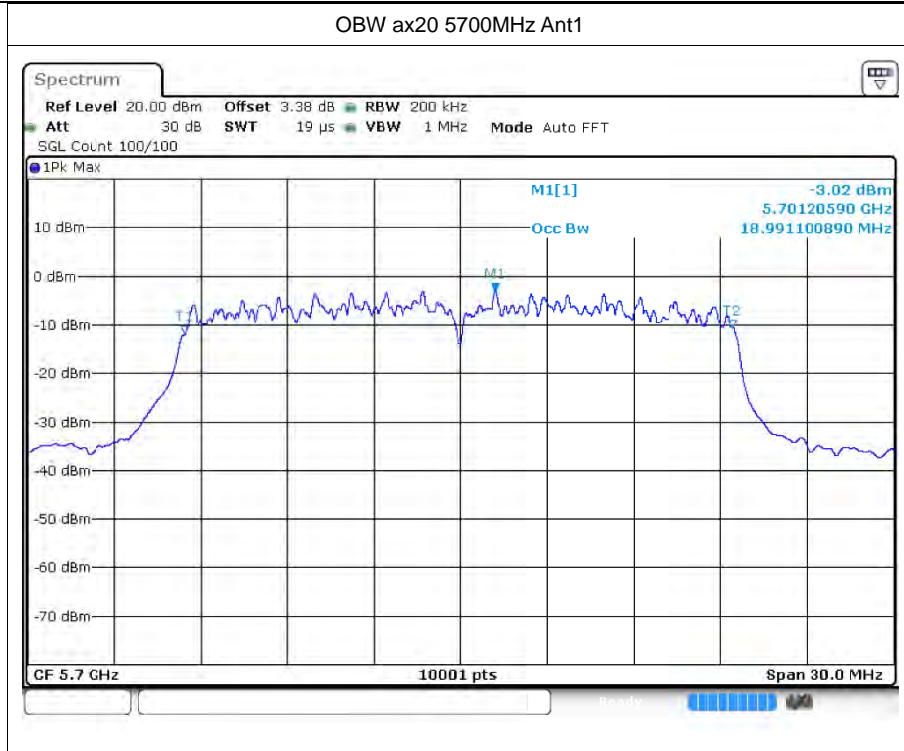


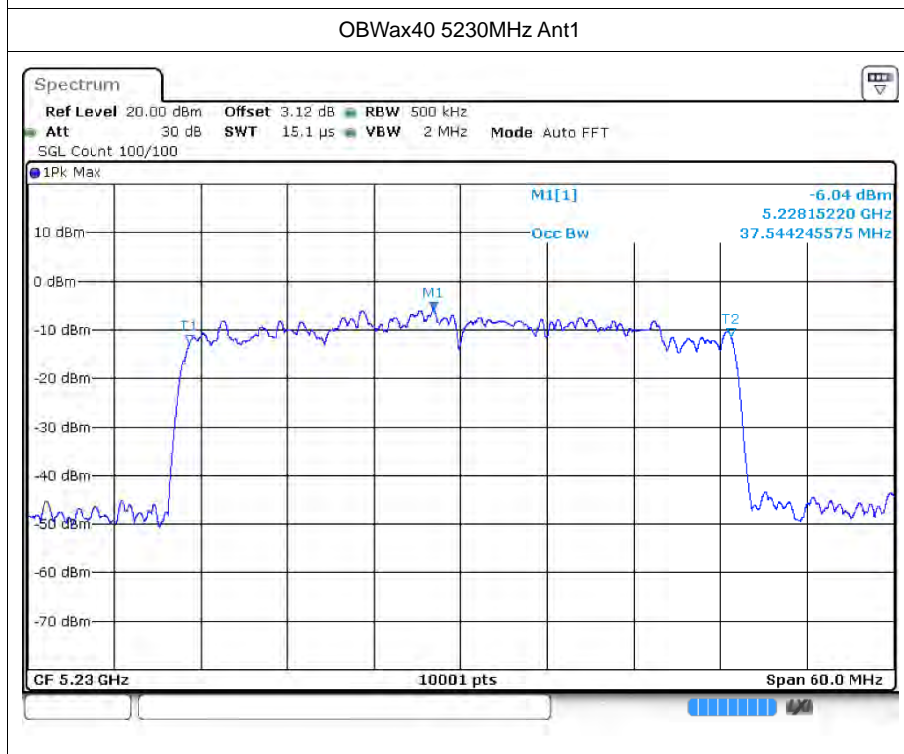
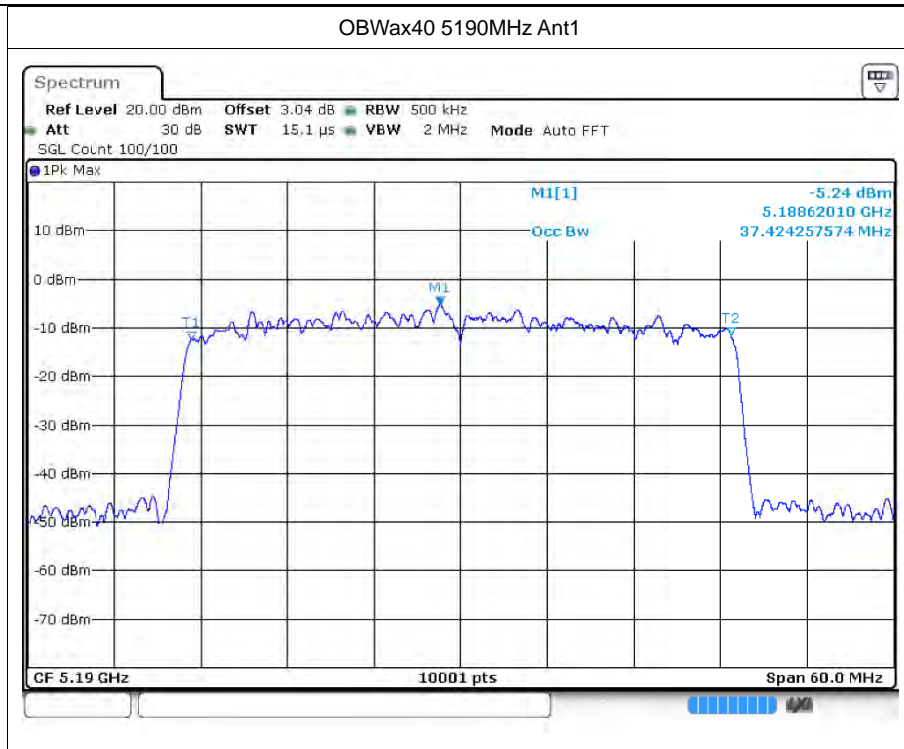


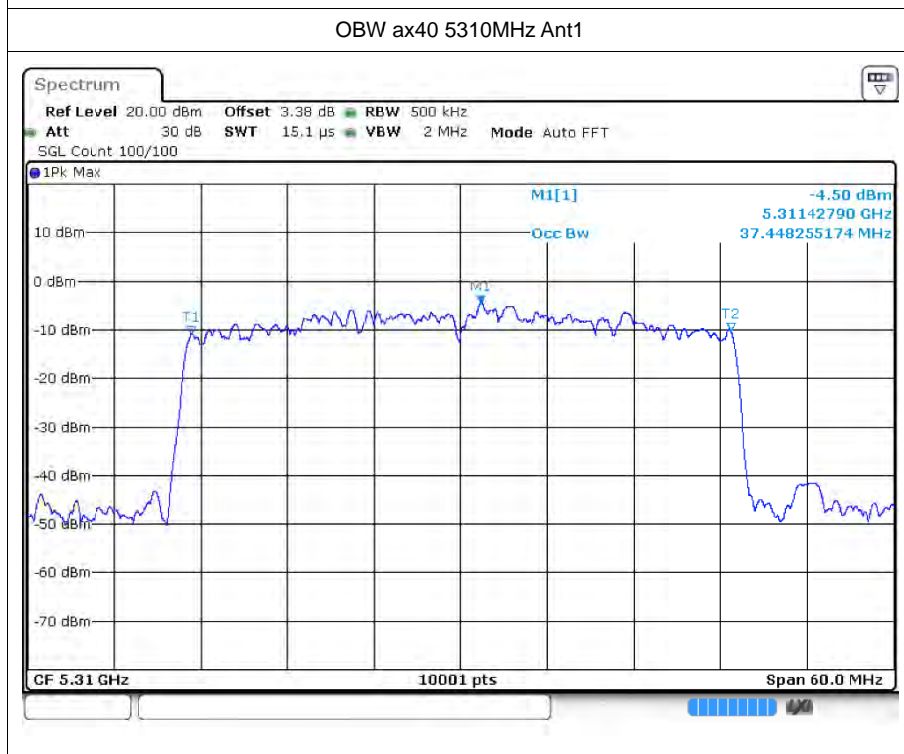
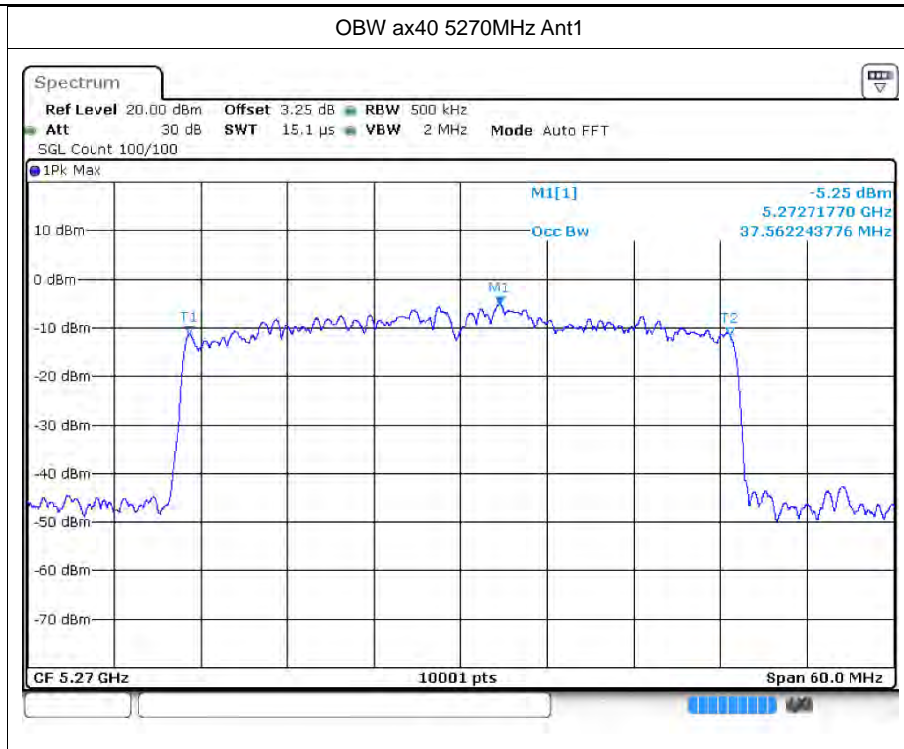


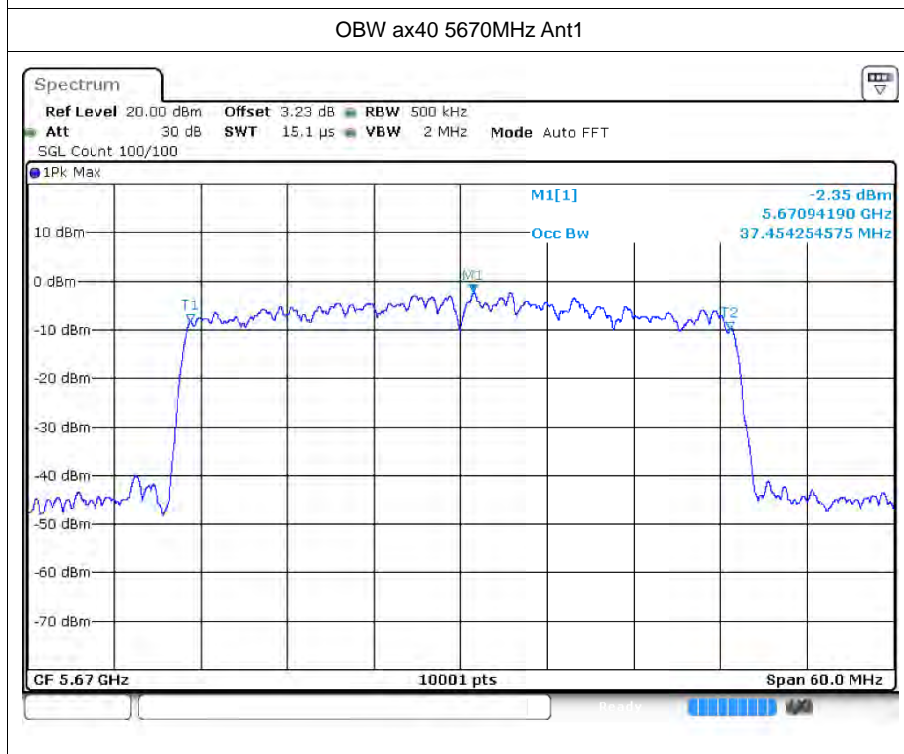
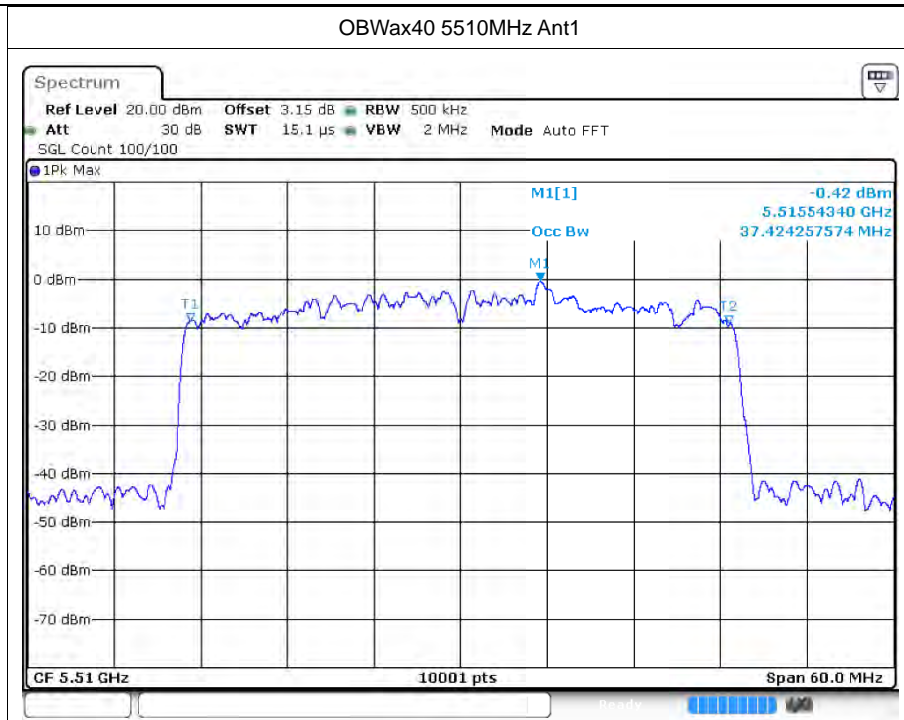


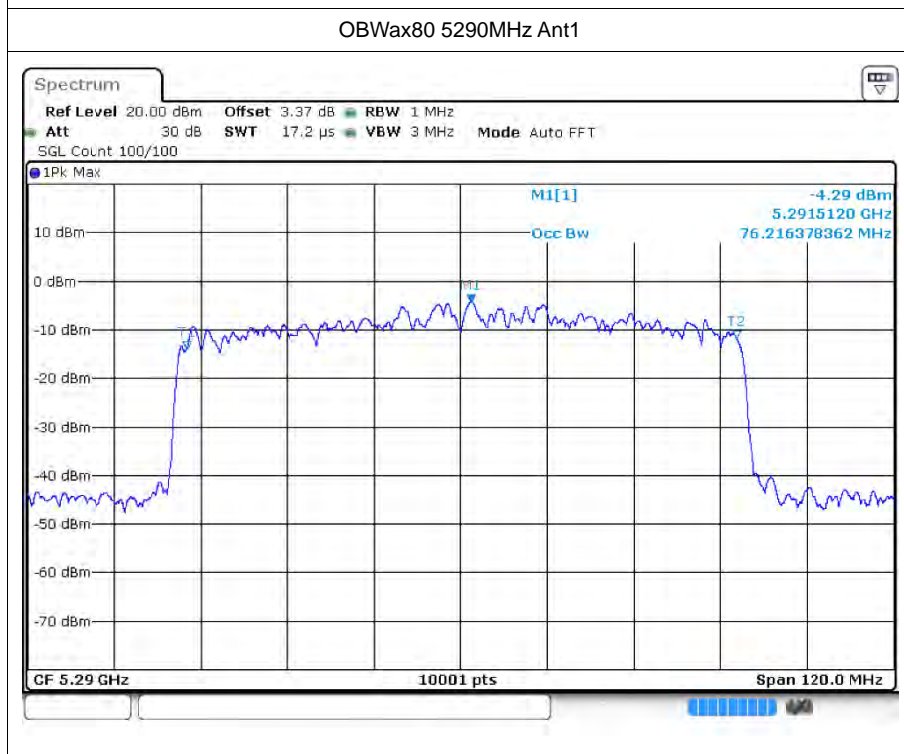
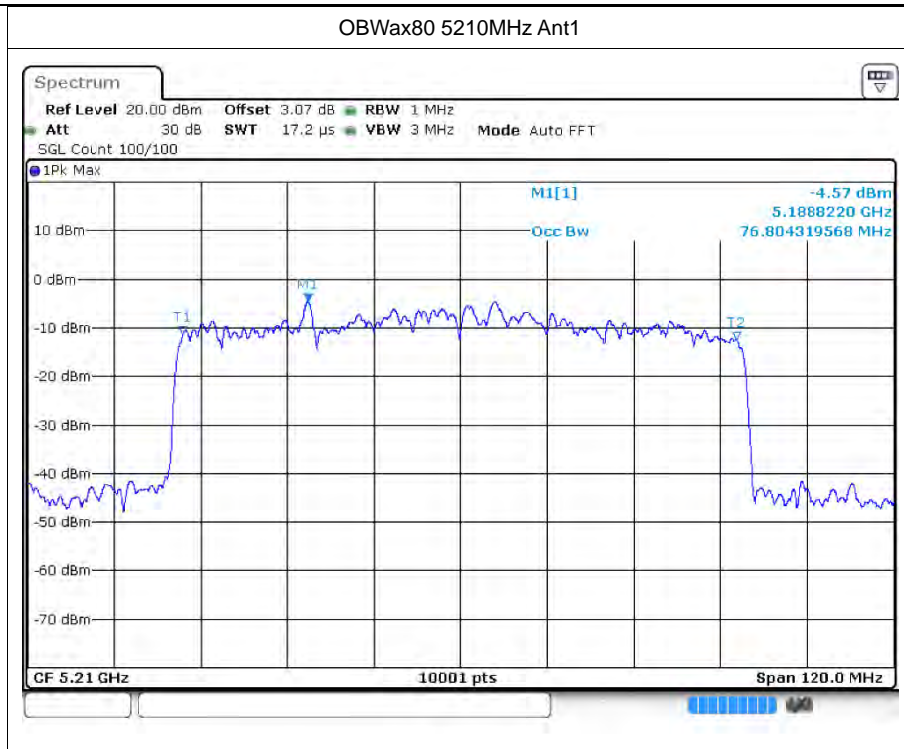


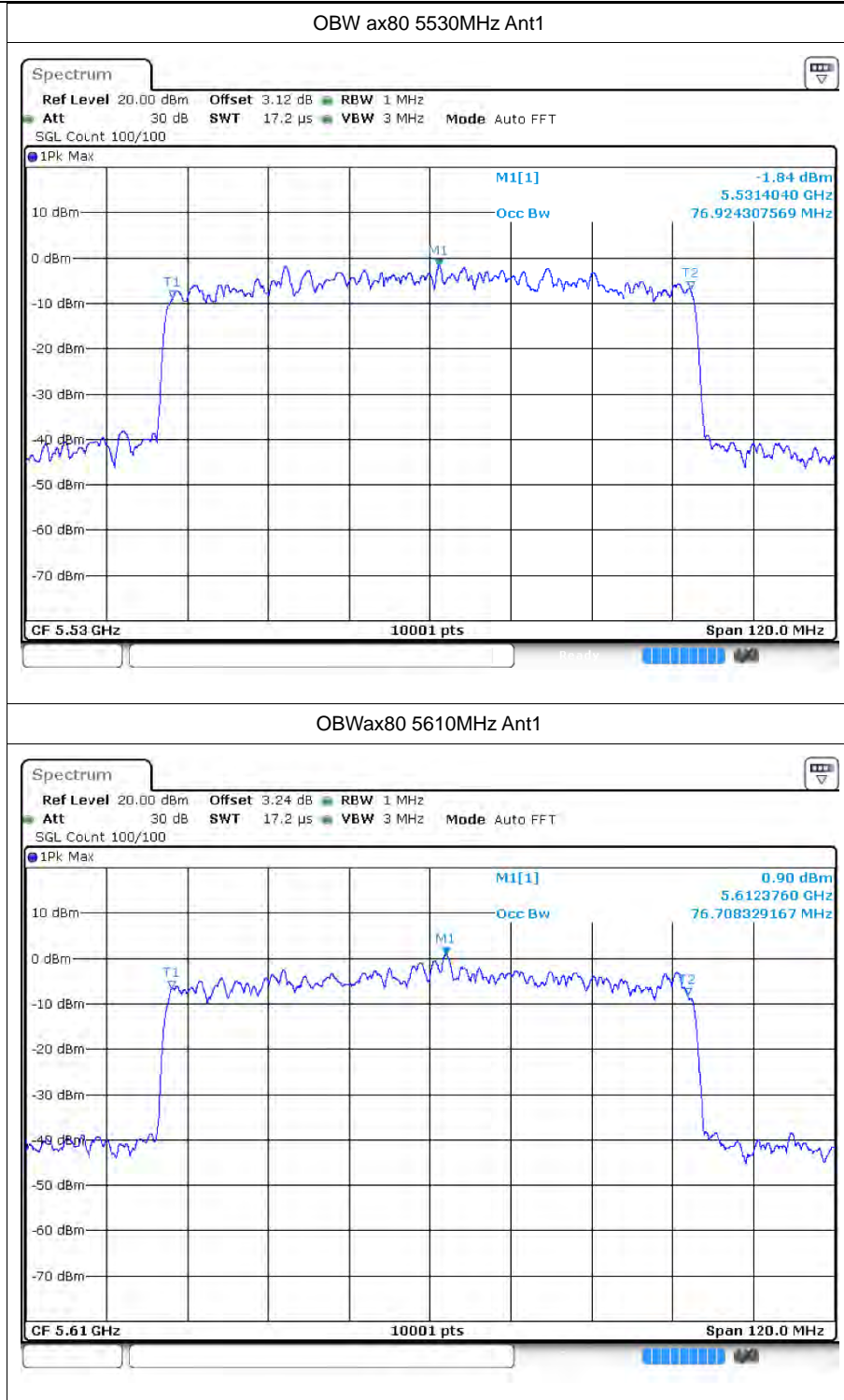














5 Maximum Power Spectral Density Level

5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant0	6.03	0.61	6.64	11	Pass
a	5200	Ant0	6.74	0.61	7.35	11	Pass
a	5240	Ant0	6.18	0.62	6.8	11	Pass
a	5260	Ant0	3.99	0.62	4.61	11	Pass
a	5280	Ant0	3.92	0.62	4.54	11	Pass
a	5320	Ant0	5.28	0.62	5.9	11	Pass
a	5500	Ant0	-7.62	0.62	-7.0	11	Pass
a	5600	Ant0	1.95	0.61	2.56	11	Pass
a	5700	Ant0	3.22	0.62	3.84	11	Pass
a	5180	Ant1	4.29	0.71	5	11	Pass
a	5200	Ant1	2.96	0.61	3.57	11	Pass
a	5240	Ant1	2.11	0.62	2.73	11	Pass
a	5260	Ant1	2.47	0.61	3.08	11	Pass
a	5280	Ant1	2.91	0.61	3.52	11	Pass
a	5320	Ant1	4.79	0.61	5.4	11	Pass
a	5500	Ant1	6.96	0.62	7.58	11	Pass
a	5600	Ant1	6.87	0.61	7.48	11	Pass
a	5700	Ant1	7.22	0.62	7.84	11	Pass
a	5180	Sum	--	--	8.907	10.13	Pass
a	5200	Sum	--	--	8.869	10.13	Pass
a	5240	Sum	--	--	8.236	10.13	Pass
a	5260	Sum	--	--	6.922	10.13	Pass
a	5280	Sum	--	--	7.070	10.13	Pass
a	5320	Sum	--	--	8.667	10.13	Pass
a	5500	Sum	--	--	7.729	10.13	Pass
a	5600	Sum	--	--	8.693	10.13	Pass
a	5700	Sum	--	--	9.295	10.13	Pass
n20	5180	Ant0	4.2	0.66	4.86	11	Pass
n20	5180	Ant1	2.59	0.65	3.24	11	Pass
n20	5180	Sum	--	--	7.135	10.13	Pass
n20	5200	Ant0	5.16	0.66	5.82	11	Pass
n20	5200	Ant1	1.74	0.66	2.4	11	Pass
n20	5200	Sum	--	--	7.449	10.13	Pass
n20	5240	Ant0	3.41	0.66	4.07	11	Pass
n20	5240	Ant1	2.24	0.66	2.9	11	Pass



n20	5240	Sum	--	--	6.535	10.13	Pass
n20	5280	Ant0	3.11	0.66	3.77	11	Pass
n20	5280	Ant1	2.3	0.66	2.96	11	Pass
n20	5280	Sum	--	--	6.394	10.13	Pass
n20	5320	Ant0	4.26	0.66	4.92	11	Pass
n20	5320	Ant1	3.1	0.66	3.76	11	Pass
n20	5320	Sum	--	--	7.389	10.13	Pass
n20	5500	Ant0	4.15	0.66	4.81	11	Pass
n20	5500	Ant1	6.71	0.66	7.37	11	Pass
n20	5500	Sum	--	--	9.286	10.13	Pass
n20	5600	Ant0	1.77	0.65	2.42	11	Pass
n20	5600	Ant1	6.07	0.65	6.72	11	Pass
n20	5600	Sum	--	--	8.092	10.13	Pass
n20	5700	Ant0	1.65	0.66	2.31	11	Pass
n20	5700	Ant1	6.67	0.65	7.32	11	Pass
n20	5700	Sum	--	--	8.511	10.13	Pass
n40	5190	Ant0	2.45	2.84	5.29	11	Pass
n40	5190	Ant1	-0.68	3.01	2.33	11	Pass
n40	5190	Sum	--	--	7.068	10.13	Pass
n40	5230	Ant0	2.85	2.83	5.68	11	Pass
n40	5230	Ant1	-0.88	3.23	2.35	11	Pass
n40	5230	Sum	--	--	7.337	10.13	Pass
n40	5270	Ant0	0.26	2.83	3.09	11	Pass
n40	5270	Ant1	-0.9	3.02	2.12	11	Pass
n40	5270	Sum	--	--	5.642	10.13	Pass
n40	5310	Ant0	2.75	2.84	5.59	11	Pass
n40	5310	Ant1	0.97	3.23	4.2	11	Pass
n40	5310	Sum	--	--	7.961	10.13	Pass
n40	5510	Ant0	0.96	2.83	3.79	11	Pass
n40	5510	Ant1	3.7	3.01	6.71	11	Pass
n40	5510	Sum	--	--	8.501	10.13	Pass
n40	5670	Ant0	-0.29	2.97	2.68	11	Pass
n40	5670	Ant1	3.8	3	6.8	11	Pass
n40	5670	Sum	--	--	8.222	10.13	Pass
ac20	5180	Ant0	4.4	1.16	5.56	11	Pass
ac20	5180	Ant1	2.21	1.17	3.38	11	Pass
ac20	5180	Sum	--	--	7.616	10.13	Pass
ac20	5200	Ant0	4.55	1.32	5.87	11	Pass
ac20	5200	Ant1	1.15	1.18	2.33	11	Pass
ac20	5200	Sum	--	--	7.461	10.13	Pass
ac20	5240	Ant0	4.27	1.17	5.44	11	Pass
ac20	5240	Ant1	1.65	1.17	2.82	11	Pass
ac20	5240	Sum	--	--	7.335	10.13	Pass



ac20	5280	Ant0	3.83	1.17	5	11	Pass
ac20	5280	Ant1	1.71	1.17	2.88	11	Pass
ac20	5280	Sum	--	--	7.078	10.13	Pass
ac20	5320	Ant0	4.55	1.17	5.72	11	Pass
ac20	5320	Ant1	2.3	1.17	3.47	11	Pass
ac20	5320	Sum	--	--	7.749	10.13	Pass
ac20	5500	Ant0	3.68	1.17	4.85	11	Pass
ac20	5500	Ant1	7.36	1.16	8.52	11	Pass
ac20	5500	Sum	--	--	10.072	10.13	Pass
ac20	5600	Ant0	0.99	1.17	2.16	11	Pass
ac20	5600	Ant1	7.37	1.17	8.54	11	Pass
ac20	5600	Sum	--	--	9.440	10.13	Pass
ac20	5700	Ant0	1.56	1.17	2.73	11	Pass
ac20	5700	Ant1	6.04	1.17	7.21	11	Pass
ac20	5700	Sum	--	--	8.534	10.13	Pass
ac40	5190	Ant0	1.14	3.37	4.51	11	Pass
ac40	5190	Ant1	0.33	3.69	4.02	11	Pass
ac40	5190	Sum	--	--	7.282	10.13	Pass
ac40	5230	Ant0	0.81	3.35	4.16	11	Pass
ac40	5230	Ant1	0.45	3.67	4.12	11	Pass
ac40	5230	Sum	--	--	7.150	10.13	Pass
ac40	5270	Ant0	0.68	3.37	4.05	11	Pass
ac40	5270	Ant1	-0.78	3.68	2.9	11	Pass
ac40	5270	Sum	--	--	6.523	10.13	Pass
ac40	5310	Ant0	1.22	3.37	4.59	11	Pass
ac40	5310	Ant1	-0.37	3.69	3.32	11	Pass
ac40	5310	Sum	--	--	7.012	10.13	Pass
ac40	5510	Ant0	2.25	3.35	5.6	11	Pass
ac40	5510	Ant1	3.15	3.6	6.75	11	Pass
ac40	5510	Sum	--	--	9.223	10.13	Pass
ac40	5670	Ant0	-0.36	3.38	3.02	11	Pass
ac40	5670	Ant1	2	3.63	5.63	11	Pass
ac40	5670	Sum	--	--	7.528	10.13	Pass
ac80	5210	Ant0	-1.07	4.17	3.1	11	Pass
ac80	5210	Ant1	-3.96	4.17	0.21	11	Pass
ac80	5210	Sum	--	--	4.901	10.13	Pass
ac80	5290	Ant0	-2.49	3.94	1.45	11	Pass
ac80	5290	Ant1	-2.82	3.94	1.12	11	Pass
ac80	5290	Sum	--	--	4.298	10.13	Pass
ac80	5530	Ant0	-2.07	3.92	1.85	11	Pass
ac80	5530	Ant1	1.73	3.92	5.65	11	Pass
ac80	5530	Sum	--	--	7.163	10.13	Pass
ac80	5610	Ant0	-5.52	4.27	-1.25	11	Pass



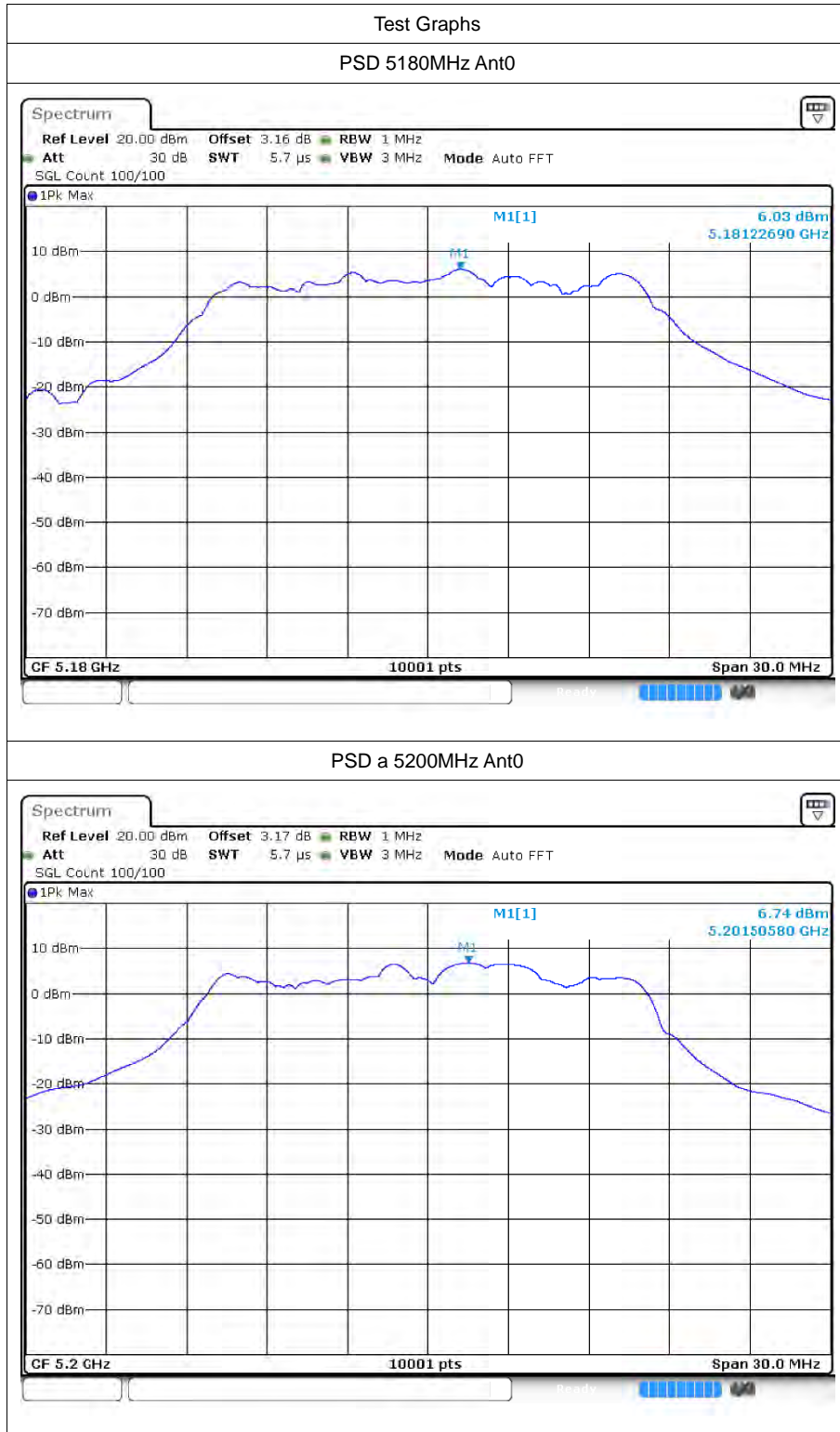
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ac80	5610	Sum	--	--	4.357	10.13	Pass
ax20	5180	Ant0	1.55	2.74	4.29	11	Pass
ax20	5180	Ant1	1.36	2.74	4.1	11	Pass
ax20	5180	Sum	--	--	7.206	10.13	Pass
ax20	5200	Ant0	3.02	2.75	5.77	11	Pass
ax20	5200	Ant1	0.78	2.74	3.52	11	Pass
ax20	5200	Sum	--	--	7.799	10.13	Pass
ax20	5240	Ant0	3.26	2.75	6.01	11	Pass
ax20	5240	Ant1	-0.02	2.74	2.72	11	Pass
ax20	5240	Sum	--	--	7.680	10.13	Pass
ax20	5280	Ant0	1.95	2.75	4.7	11	Pass
ax20	5280	Ant1	1.81	2.75	4.56	11	Pass
ax20	5280	Sum	--	--	7.641	10.13	Pass
ax20	5320	Ant0	5.57	2.74	8.31	11	Pass
ax20	5320	Ant1	1.65	2.75	4.4	11	Pass
ax20	5320	Sum	--	--	9.791	10.13	Pass
ax20	5500	Ant0	4.51	2.73	7.24	11	Pass
ax20	5500	Ant1	4.51	2.9	7.41	11	Pass
ax20	5500	Sum	--	--	10.336	10.13	Pass
ax20	5600	Ant0	0.88	2.75	3.63	11	Pass
ax20	5600	Ant1	5.74	2.75	8.49	11	Pass
ax20	5600	Sum	--	--	9.717	10.13	Pass
ax20	5700	Ant0	1.02	2.74	3.76	11	Pass
ax20	5700	Ant1	5.24	2.75	7.99	11	Pass
ax20	5700	Sum	--	--	9.381	10.13	Pass
ax40	5190	Ant0	1.32	2.82	4.14	11	Pass
ax40	5190	Ant1	-0.95	2.98	2.03	11	Pass
ax40	5190	Sum	--	--	6.222	10.13	Pass
ax40	5230	Ant0	0.11	2.82	2.93	11	Pass
ax40	5230	Ant1	-3.76	2.98	-0.78	11	Pass
ax40	5230	Sum	--	--	4.470	10.13	Pass
ax40	5270	Ant0	-0.62	2.82	2.2	11	Pass
ax40	5270	Ant1	-2.38	3.04	0.66	11	Pass
ax40	5270	Sum	--	--	4.508	10.13	Pass
ax40	5310	Ant0	-0.04	2.83	2.79	11	Pass
ax40	5310	Ant1	-1.27	2.97	1.7	11	Pass
ax40	5310	Sum	--	--	5.289	10.13	Pass
ax40	5510	Ant0	0.17	2.82	2.99	11	Pass
ax40	5510	Ant1	1.42	2.99	4.41	11	Pass
ax40	5510	Sum	--	--	6.768	10.13	Pass
ax40	5670	Ant0	-1.63	2.82	1.19	11	Pass
ax40	5670	Ant1	0.64	2.99	3.63	11	Pass



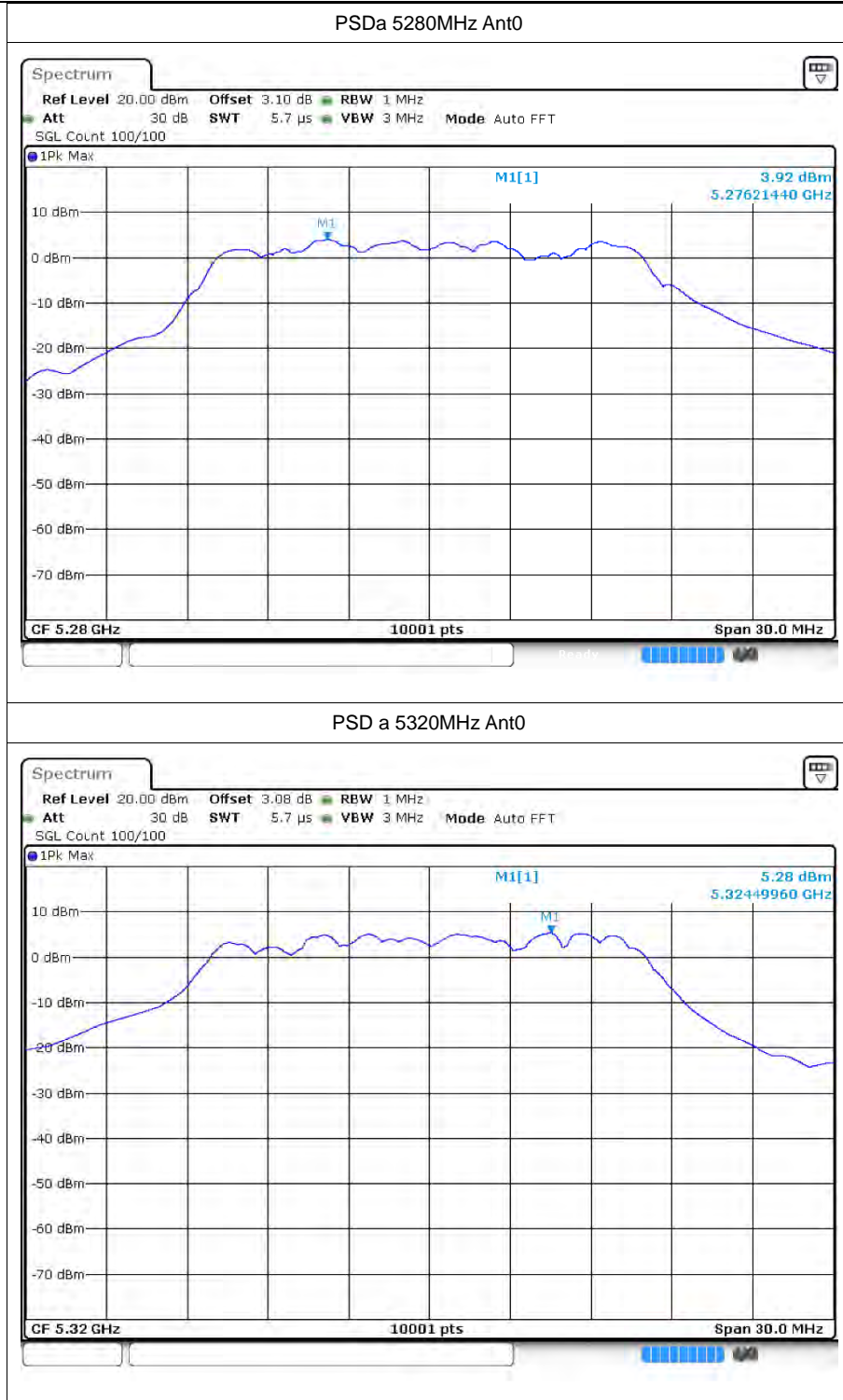
ax40	5670	Sum	--	--	5.589	10.13	Pass
ax80	5210	Ant0	-2.42	3.29	0.87	11	Pass
ax80	5210	Ant1	-5.19	3.59	-1.6	11	Pass
ax80	5210	Sum	--	--	2.819	10.13	Pass
ax80	5290	Ant0	-4.29	3.45	-0.84	11	Pass
ax80	5290	Ant1	-4.78	3.59	-1.19	11	Pass
ax80	5290	Sum	--	--	1.999	10.13	Pass
ax80	5530	Ant0	-3.32	3.46	0.14	11	Pass
ax80	5530	Ant1	-0.02	3.42	3.4	11	Pass
ax80	5530	Sum	--	--	5.079	10.13	Pass
ax80	5610	Ant0	-6.3	3.46	-2.84	11	Pass
ax80	5610	Ant1	-0.79	3.28	2.49	11	Pass
ax80	5610	Sum	--	--	3.606	10.13	Pass

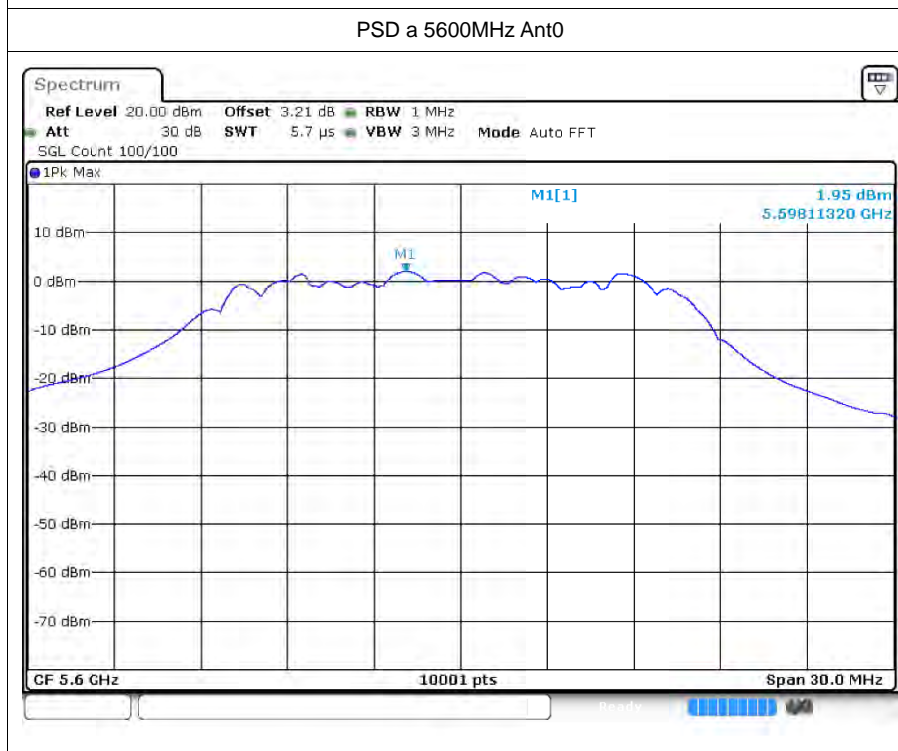
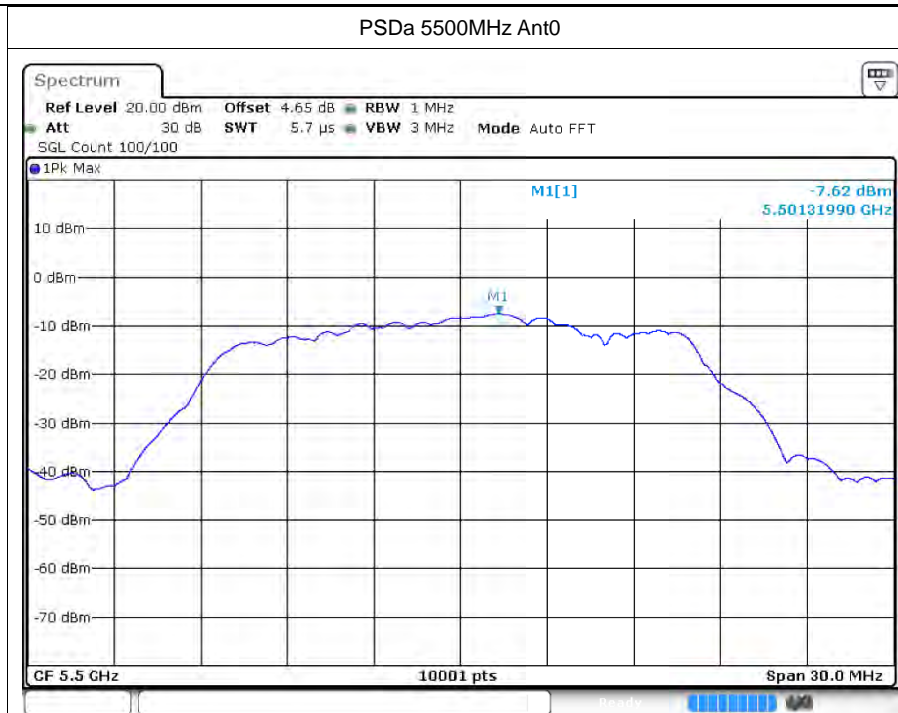


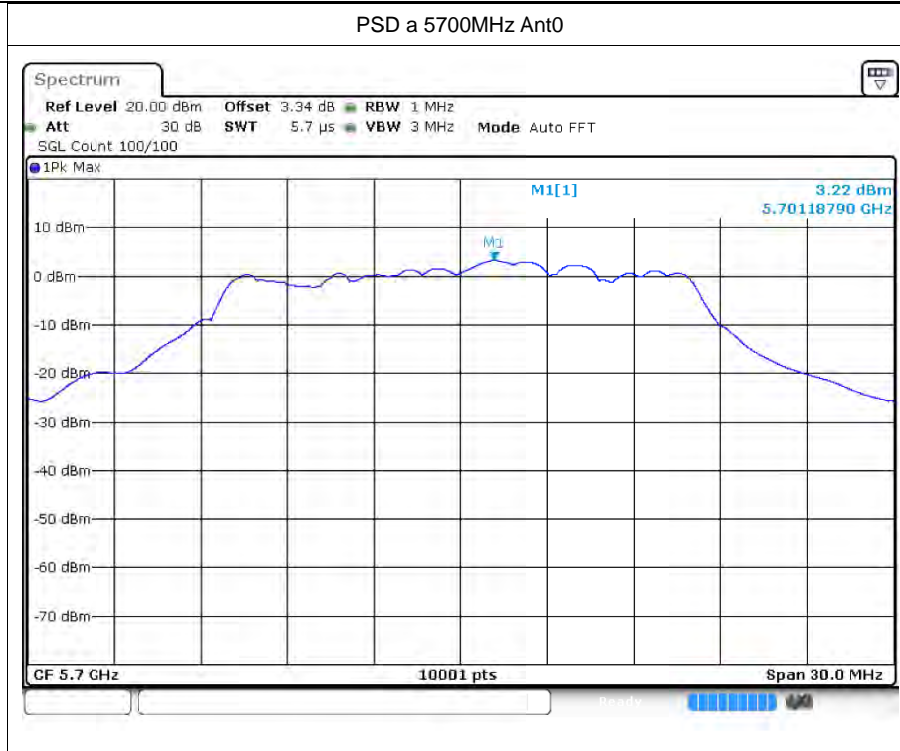
5.2 Test Graphs

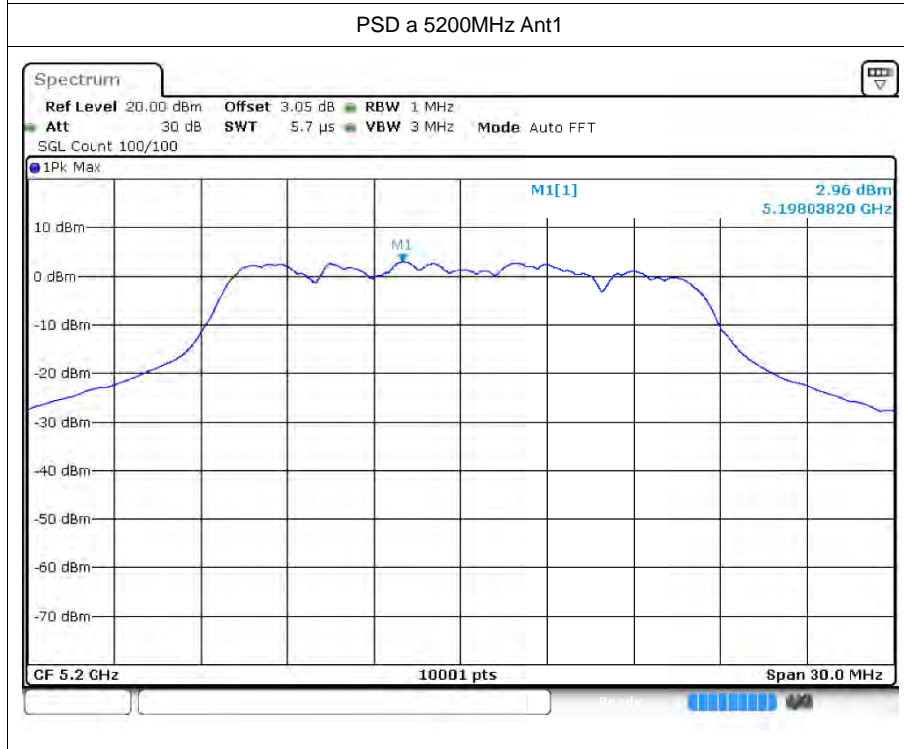
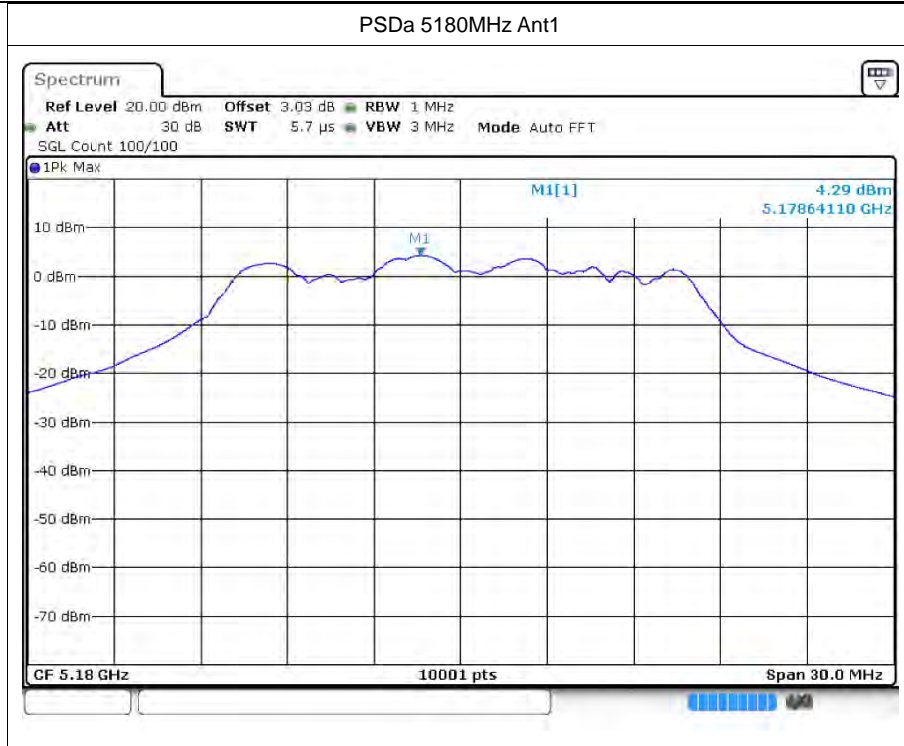


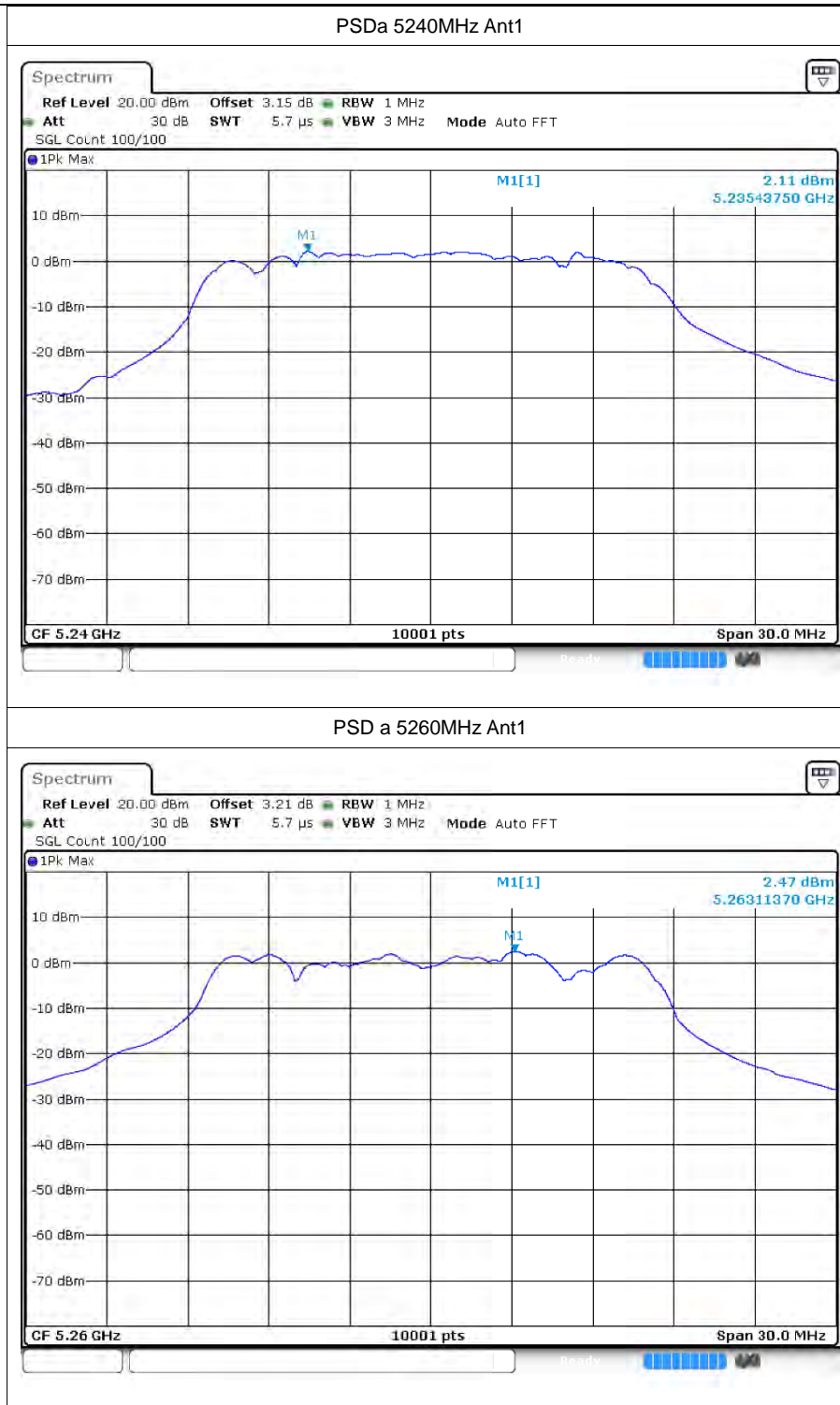


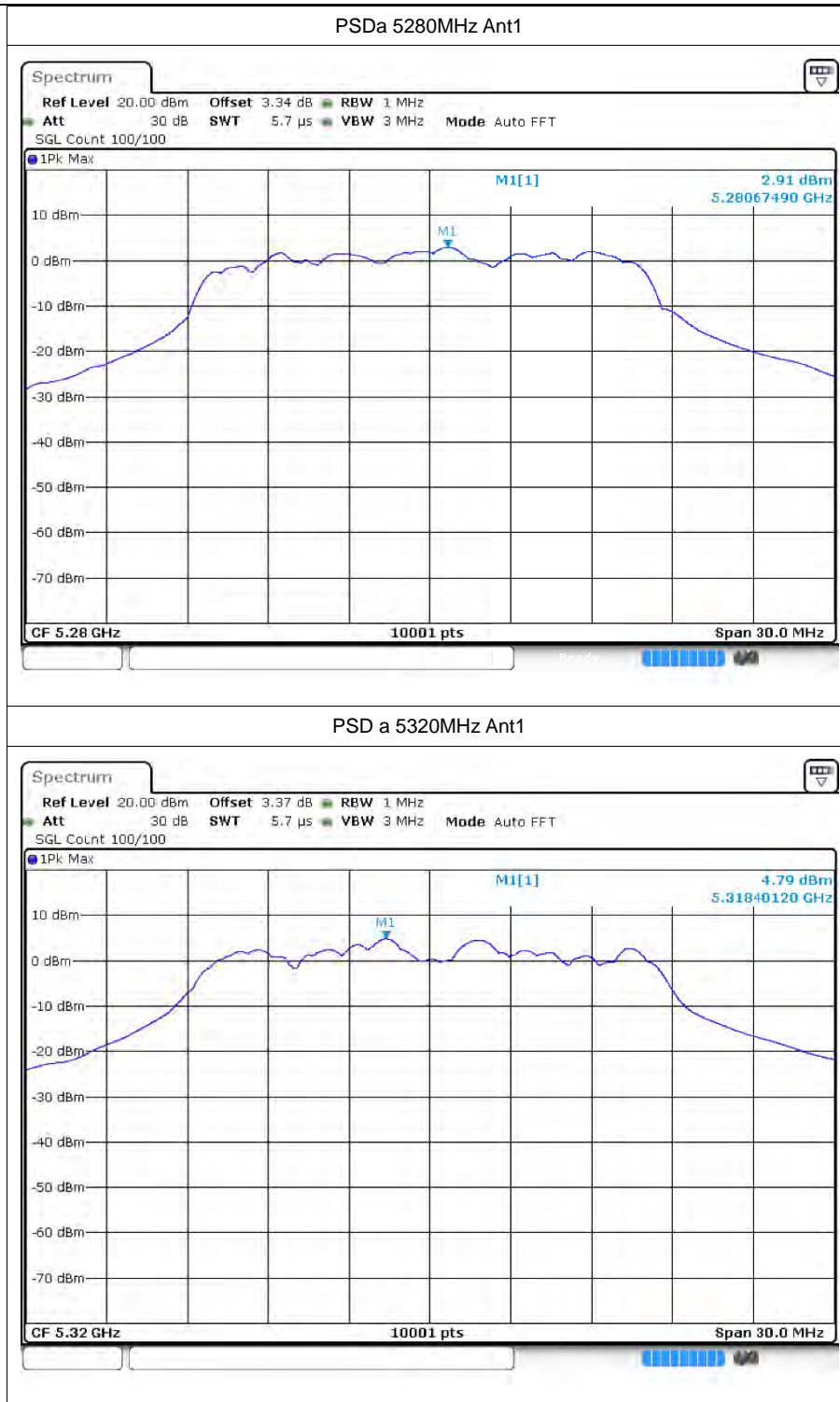


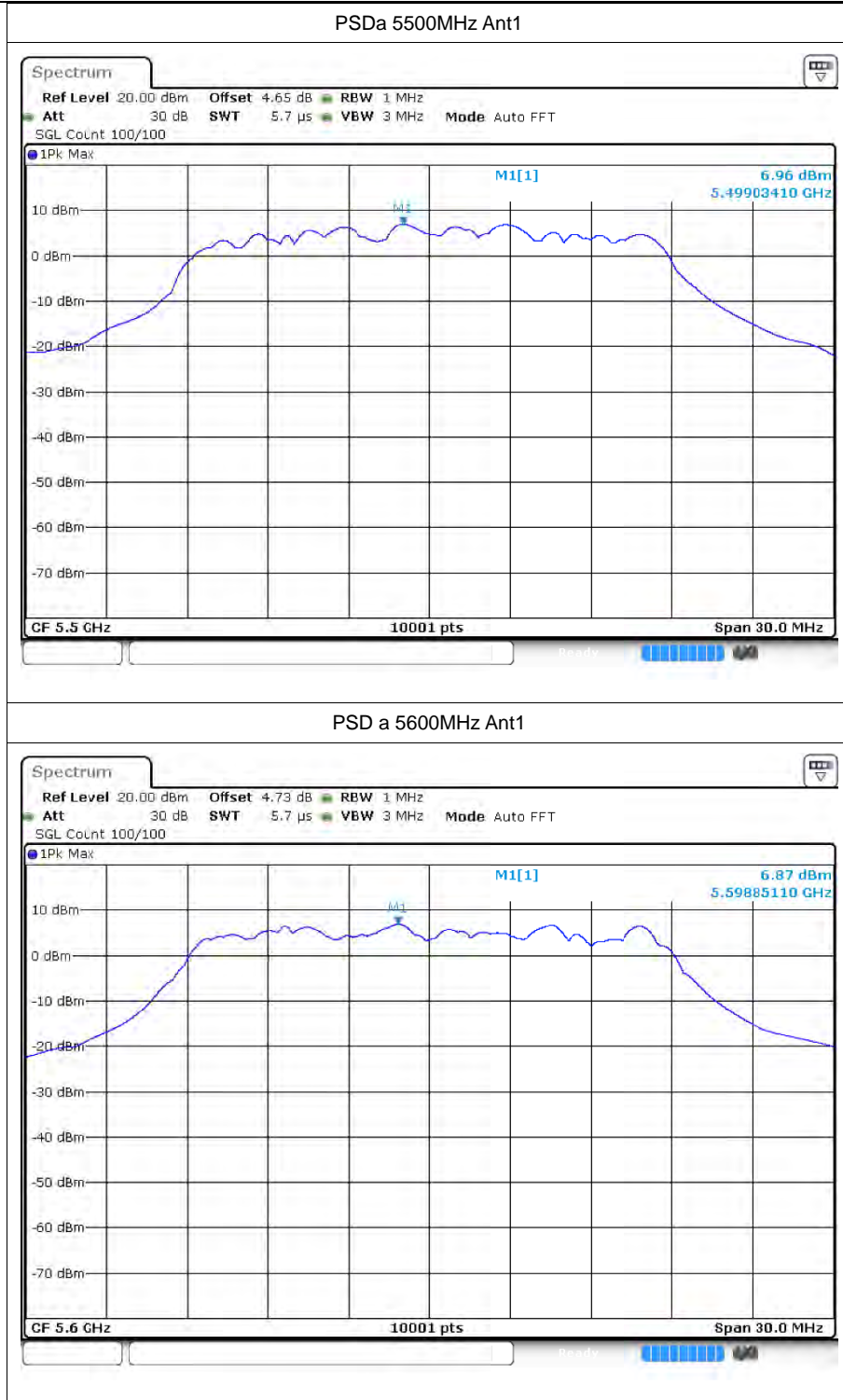


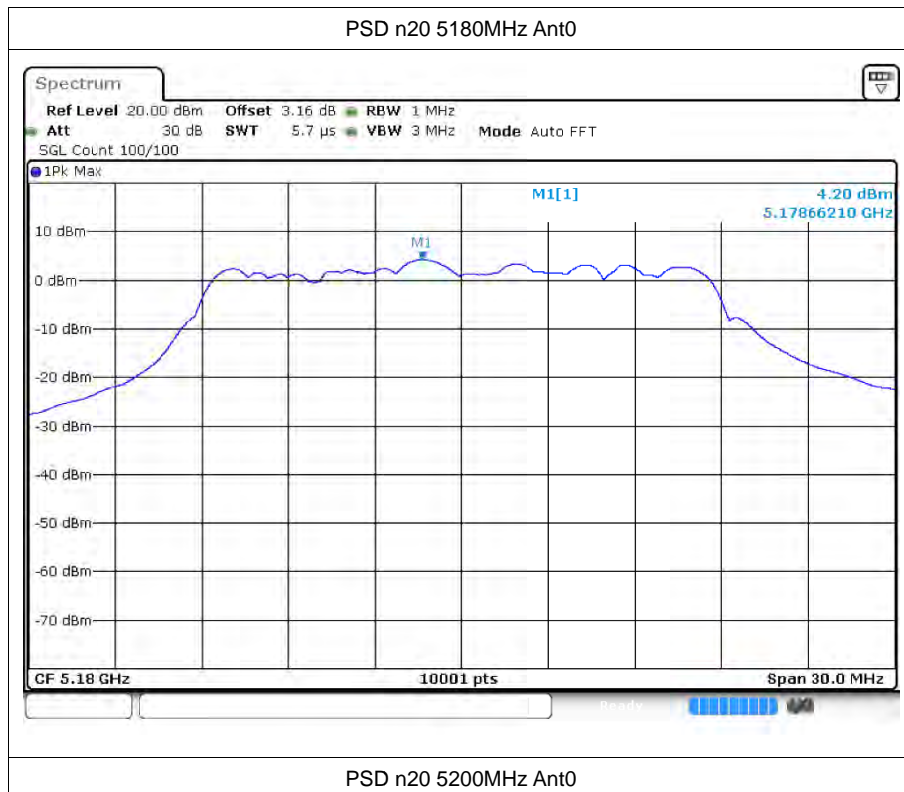
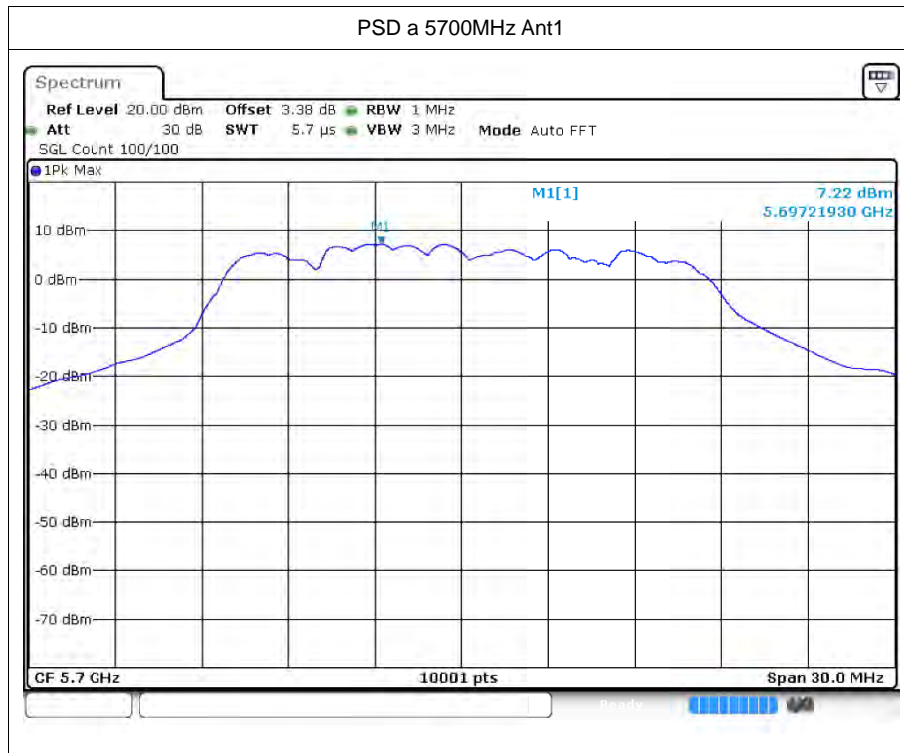


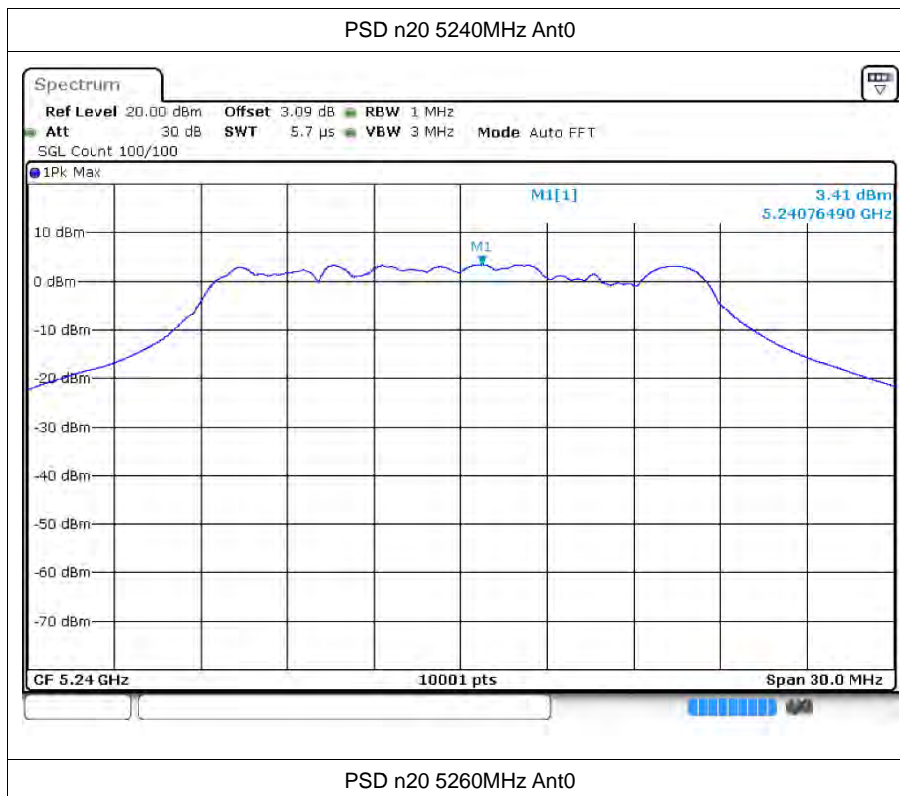
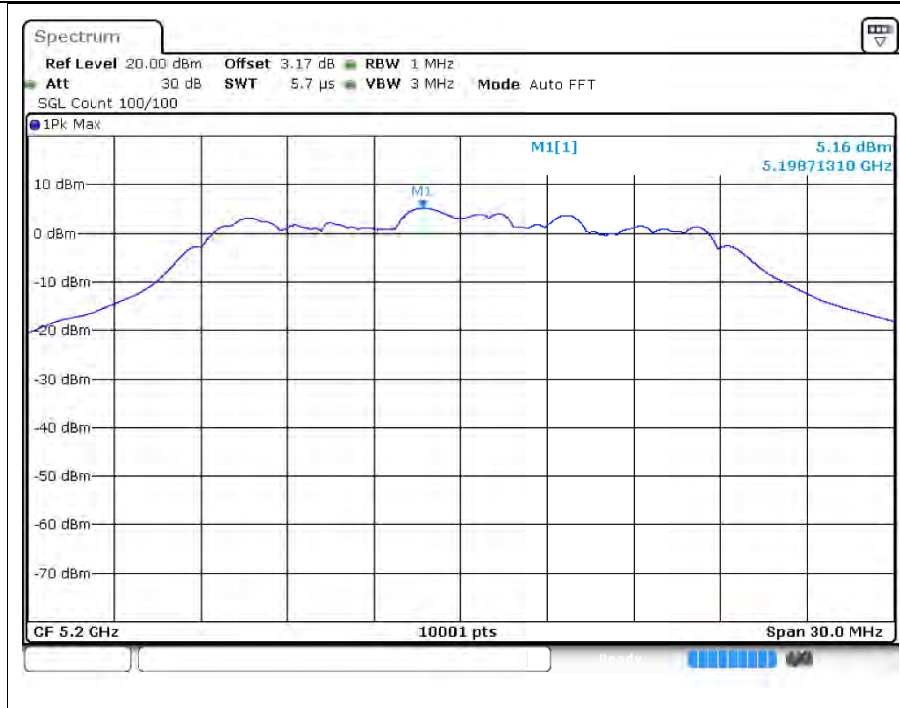


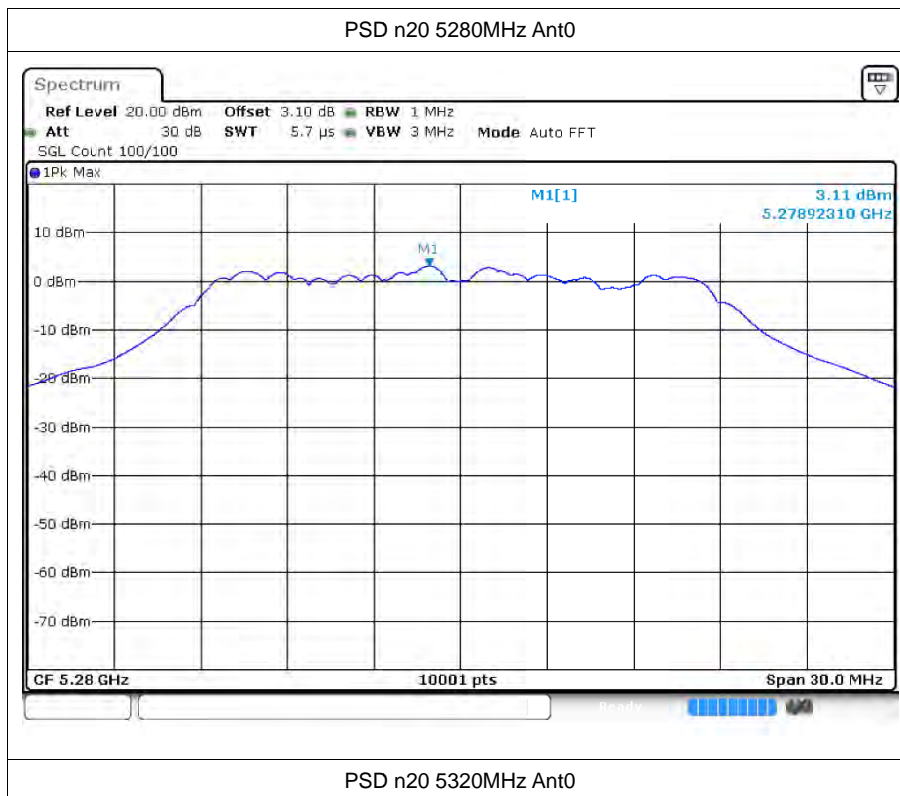
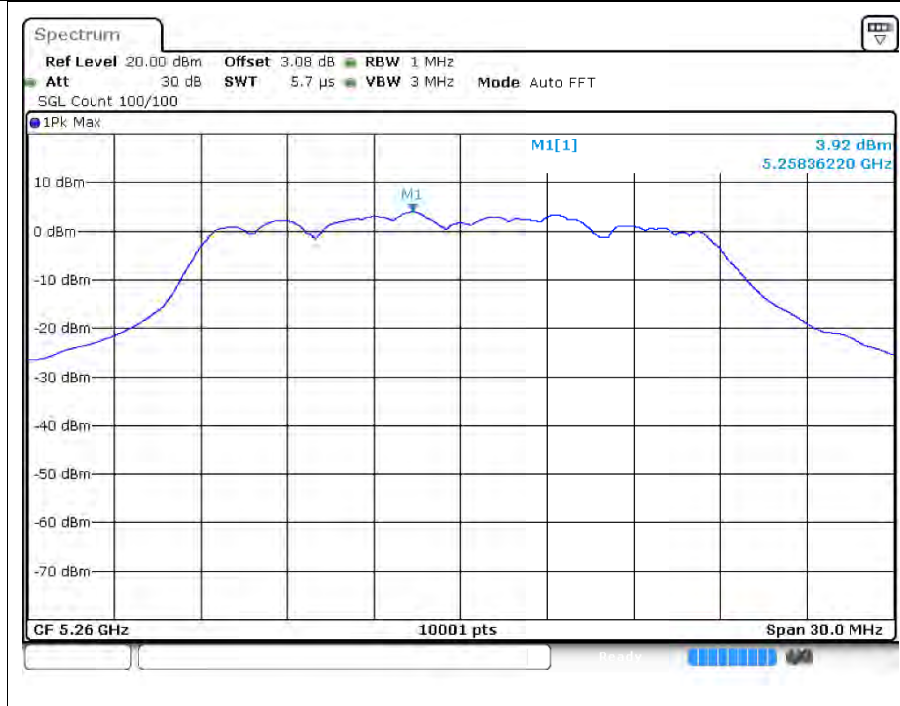


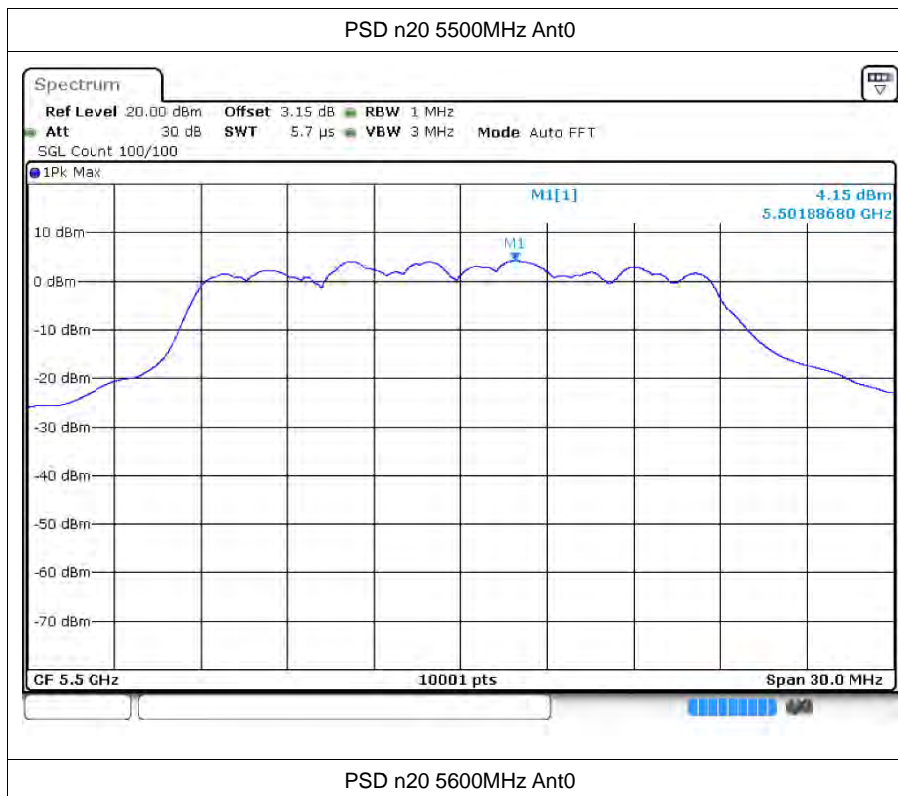
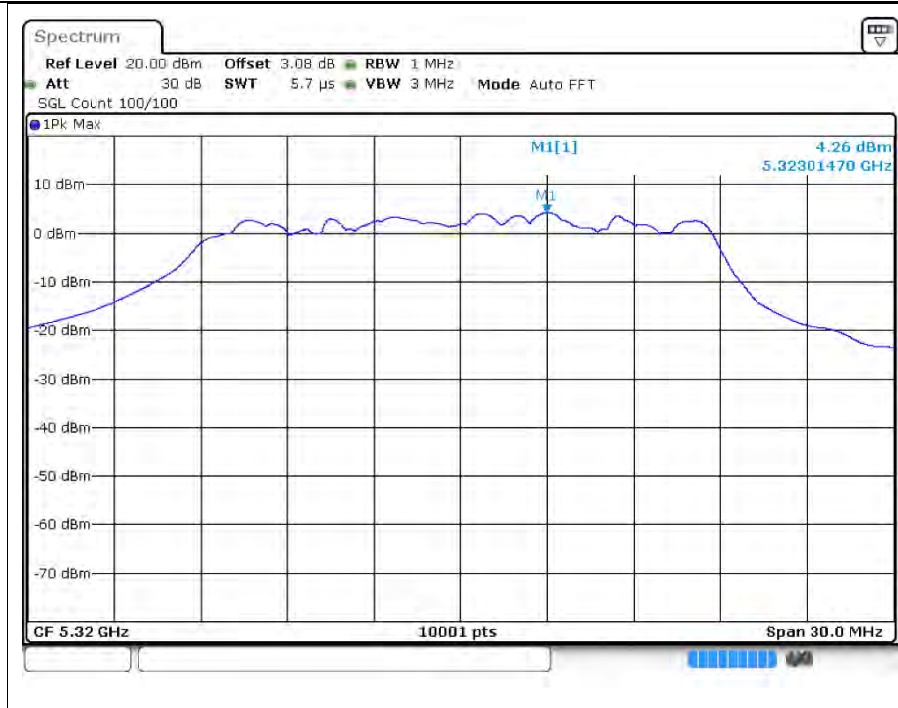


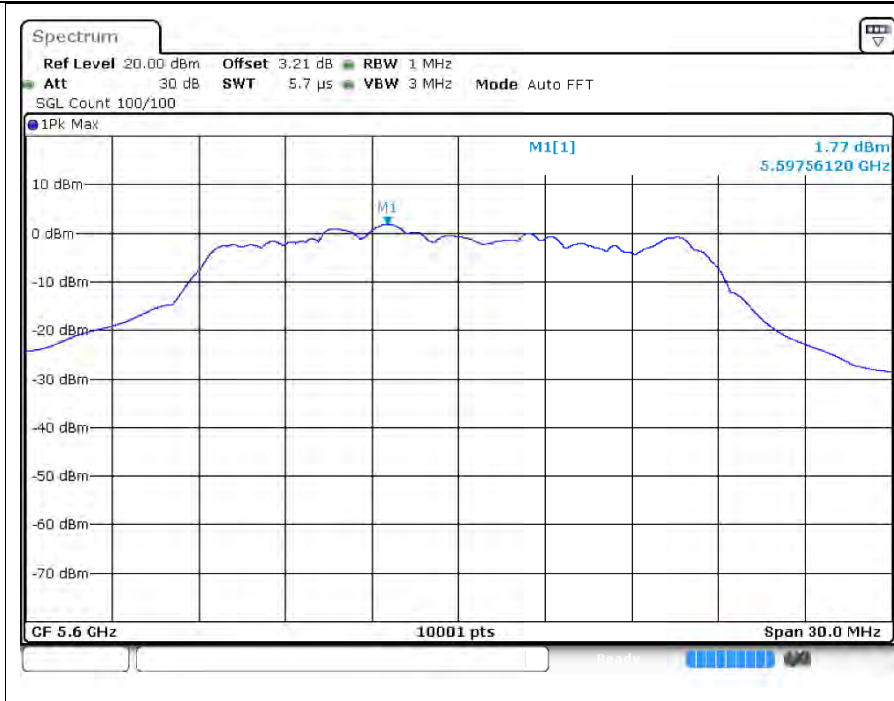




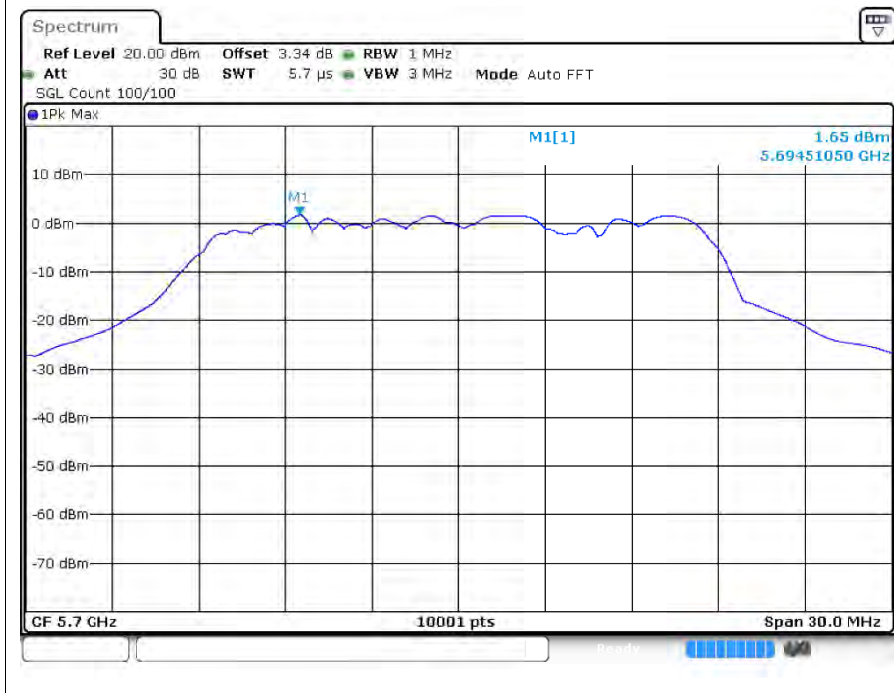




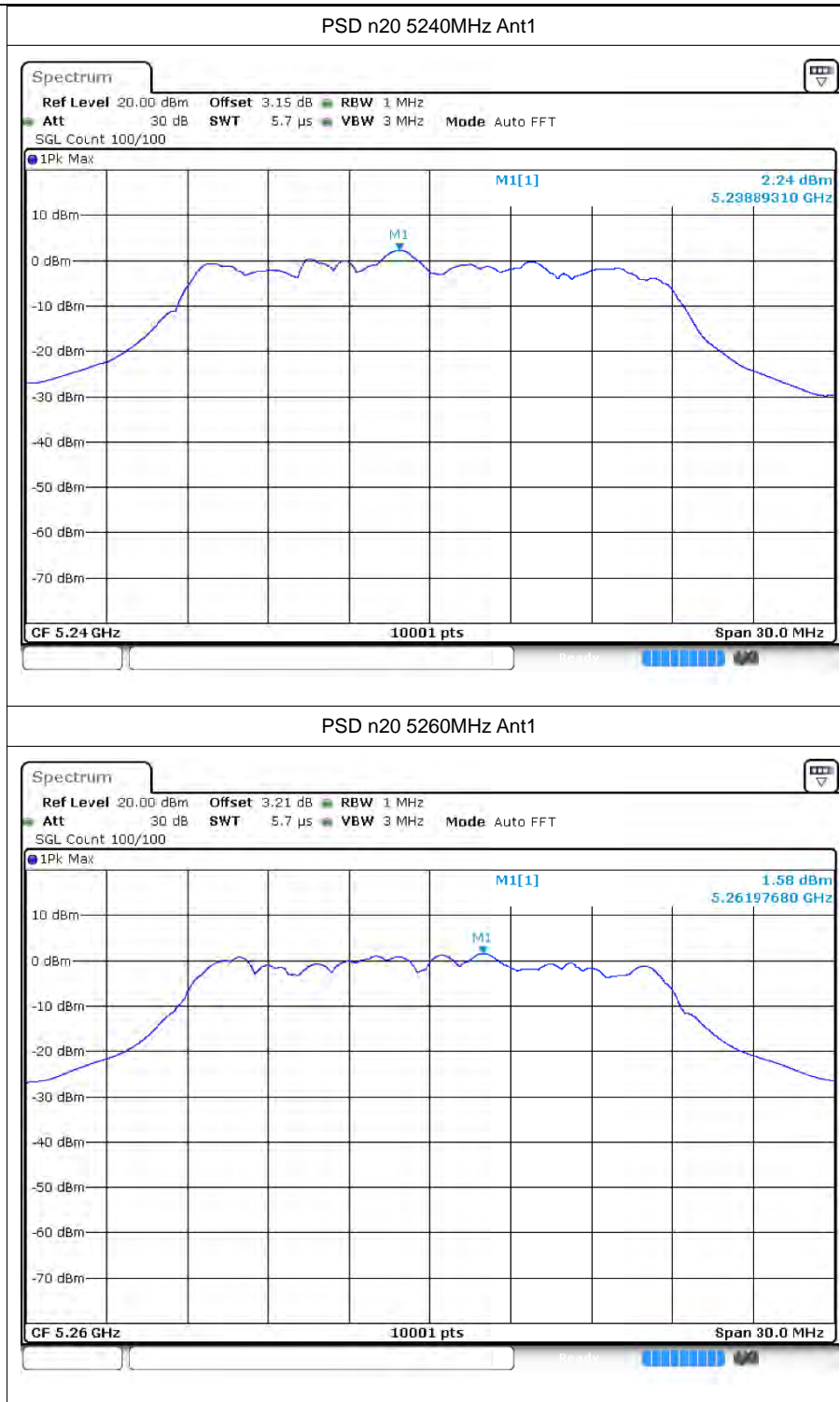


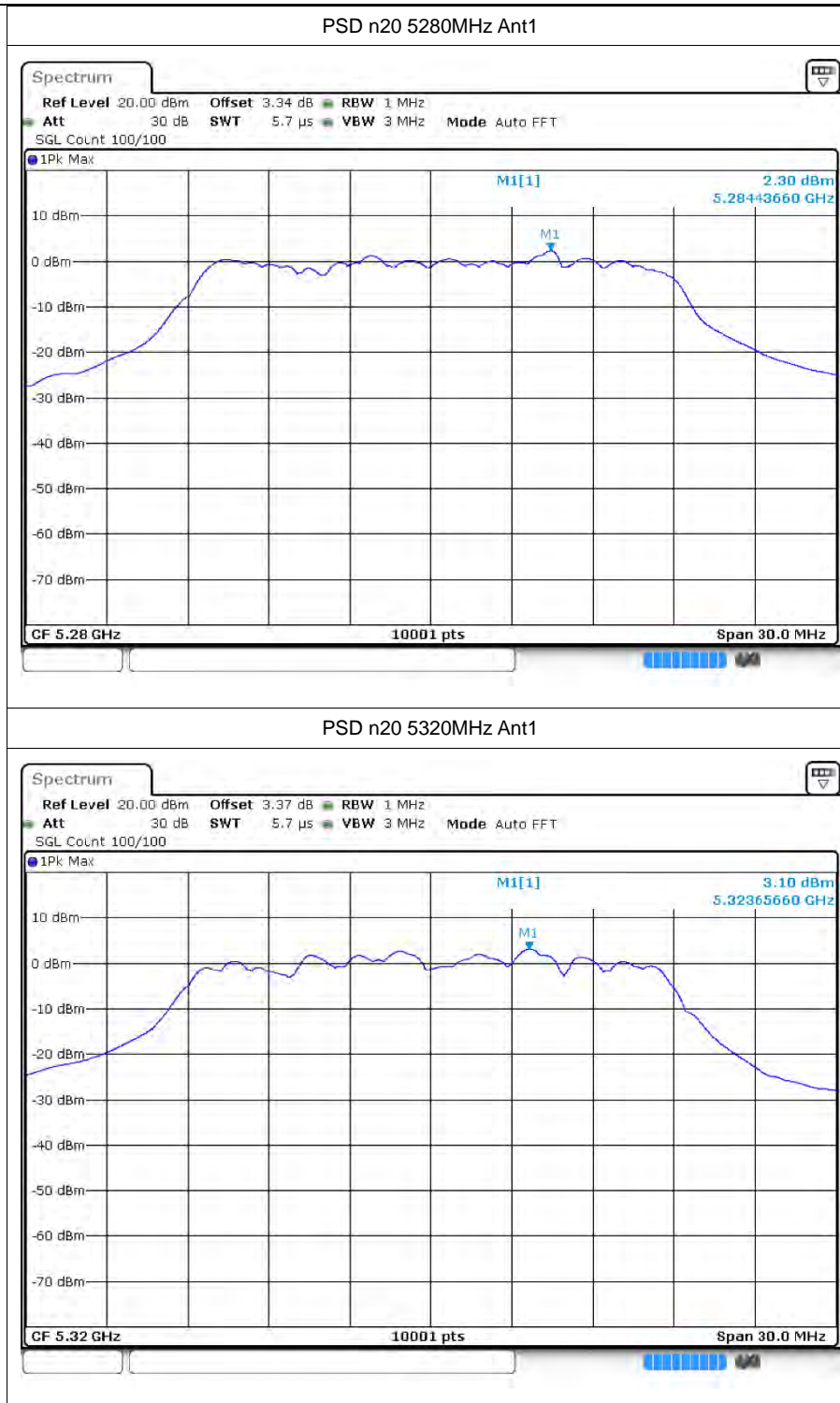


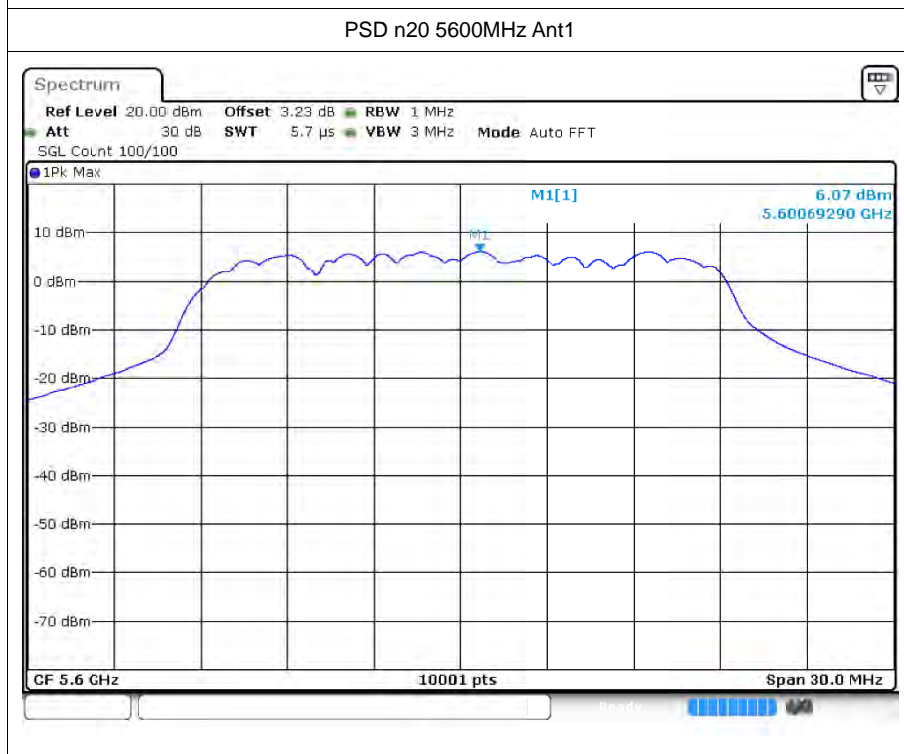
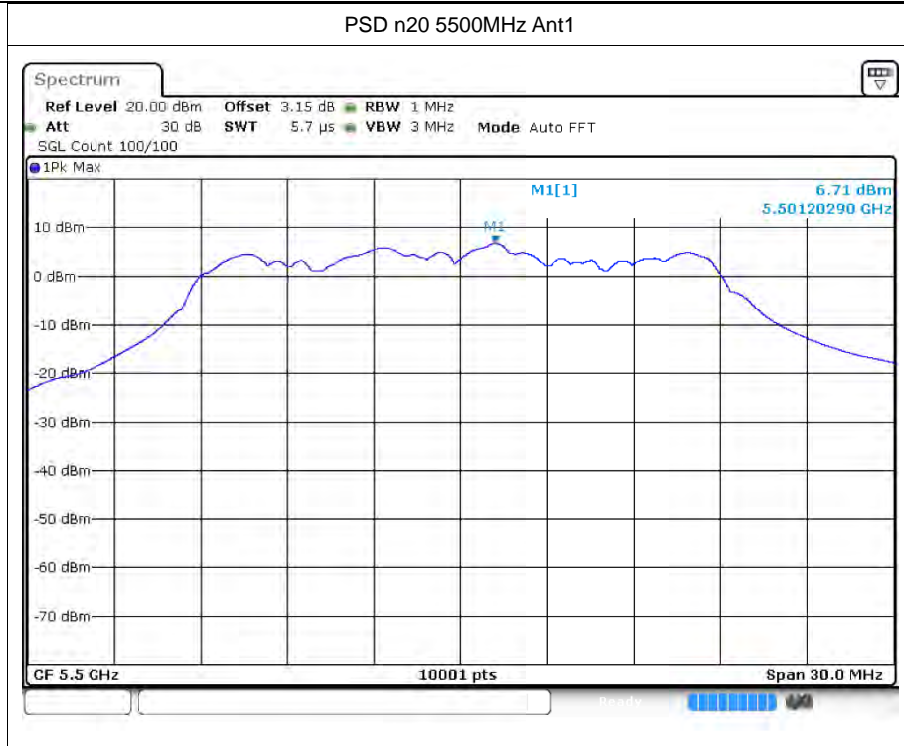
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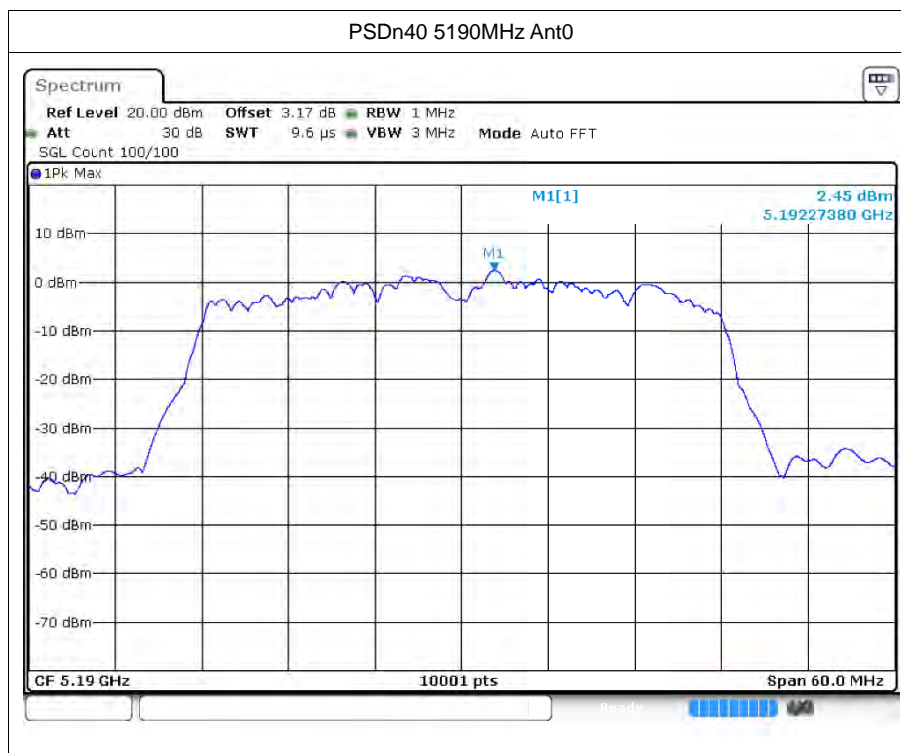
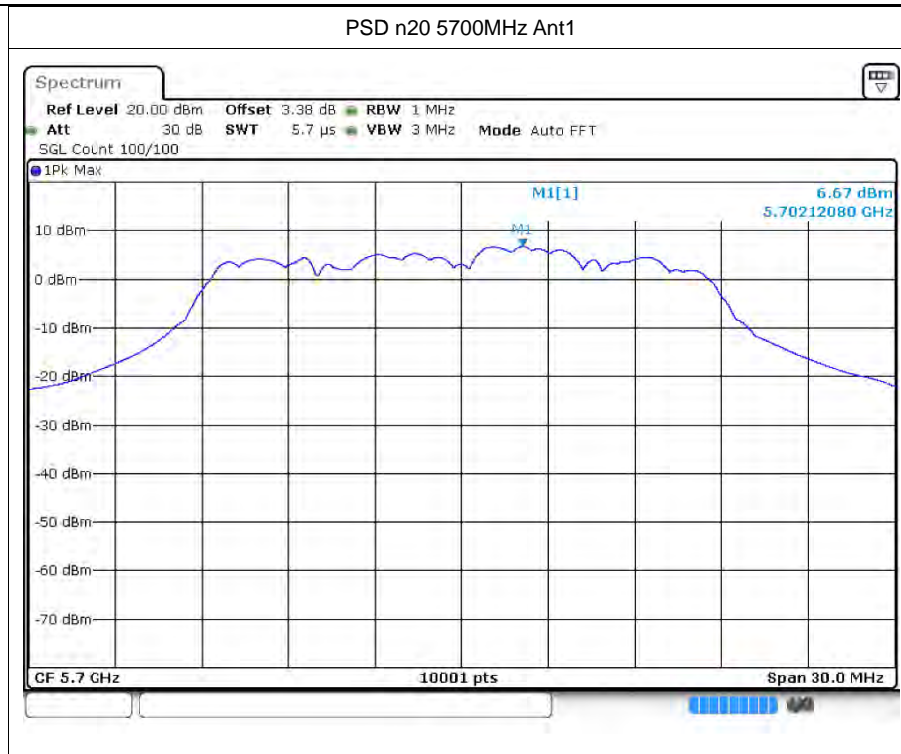




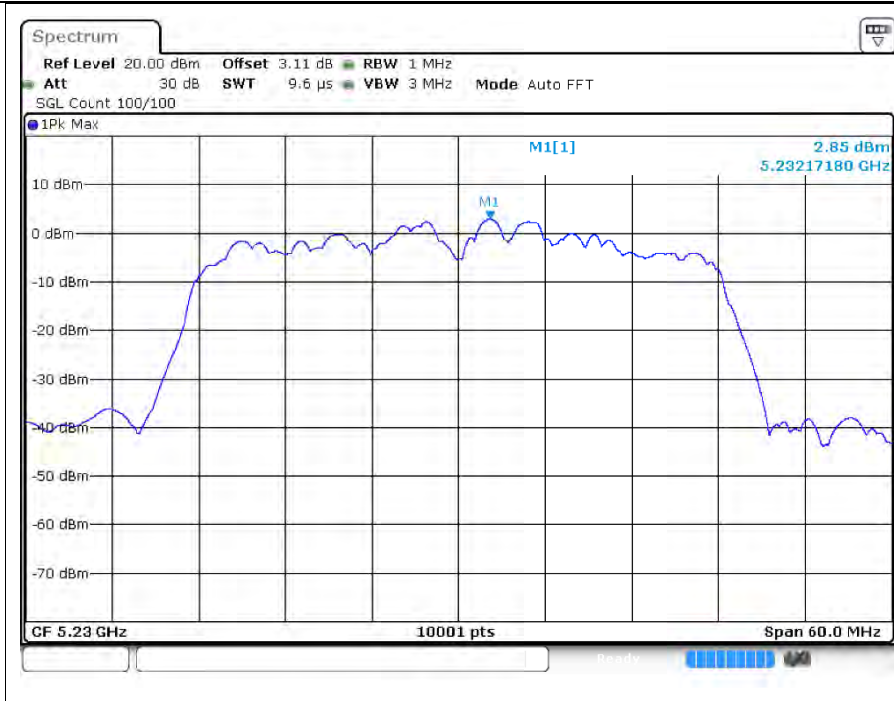




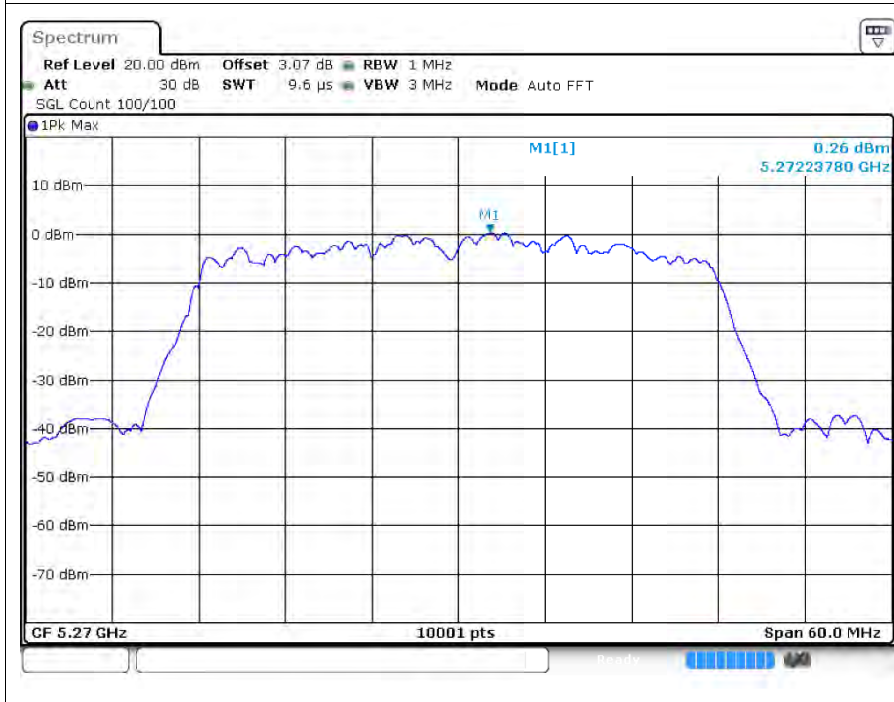




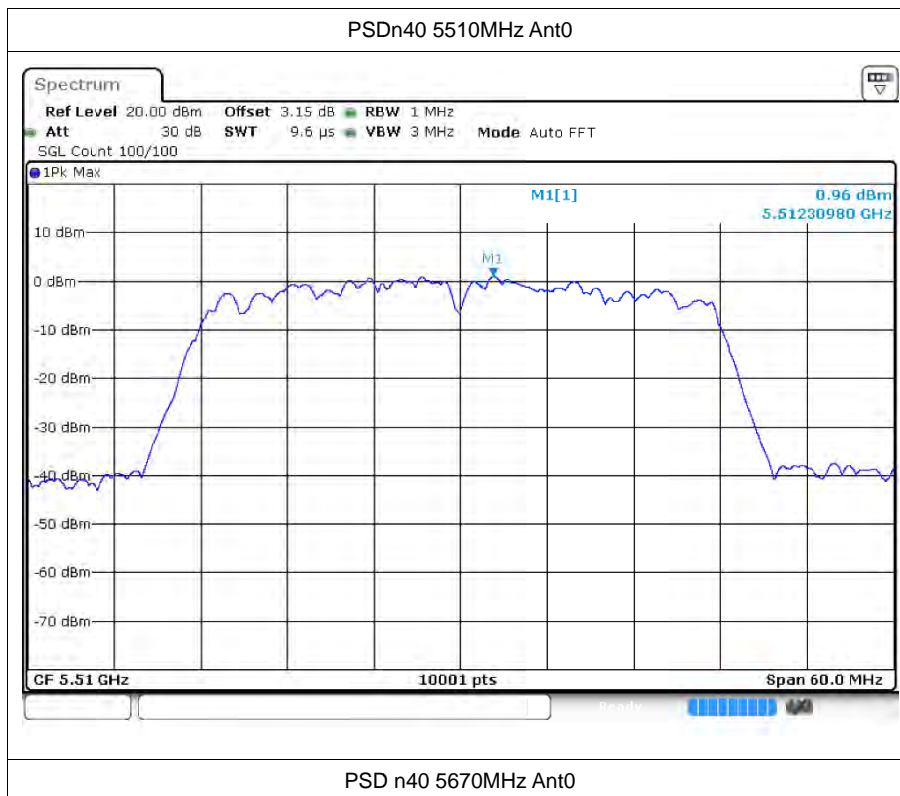
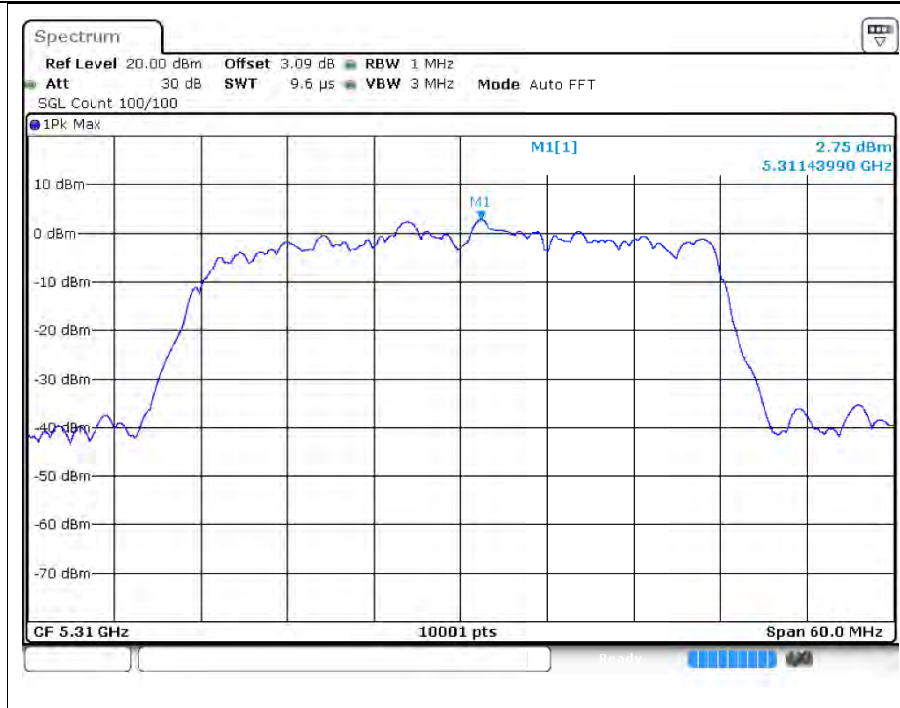
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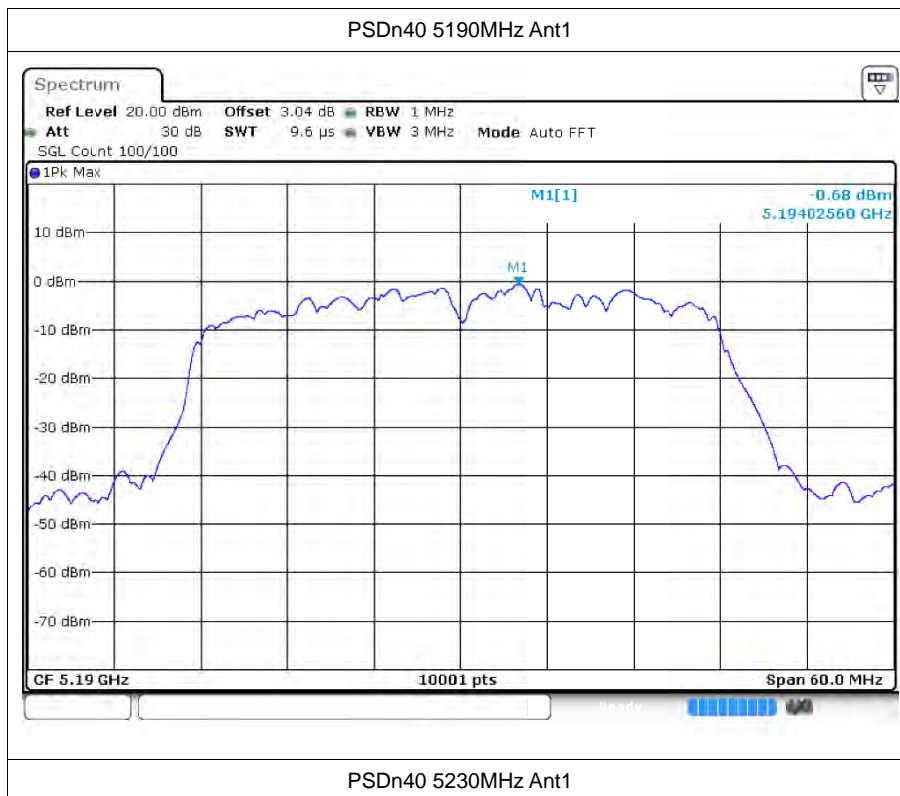
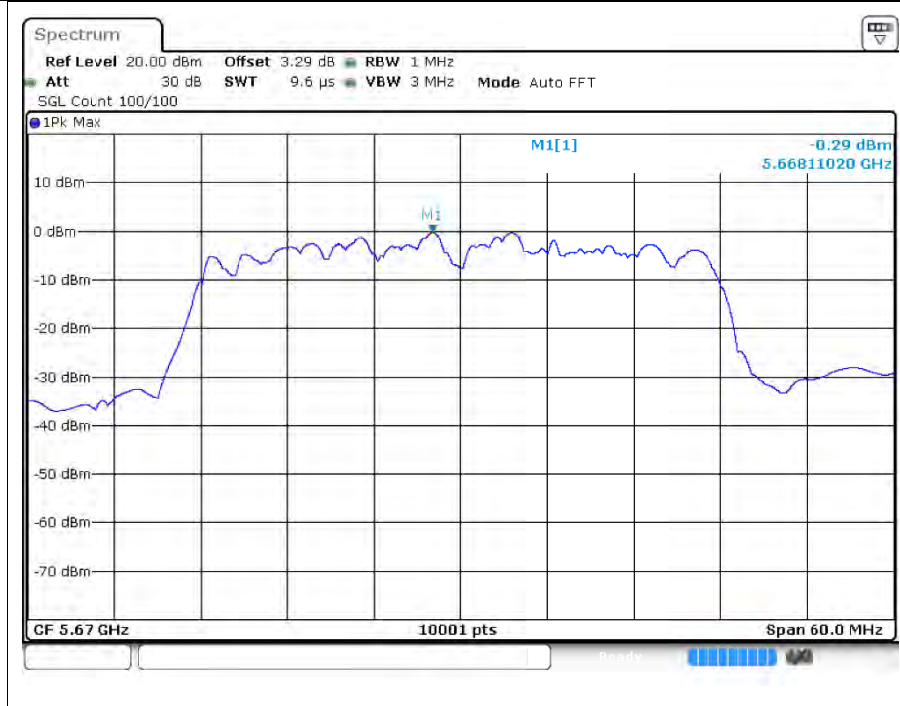


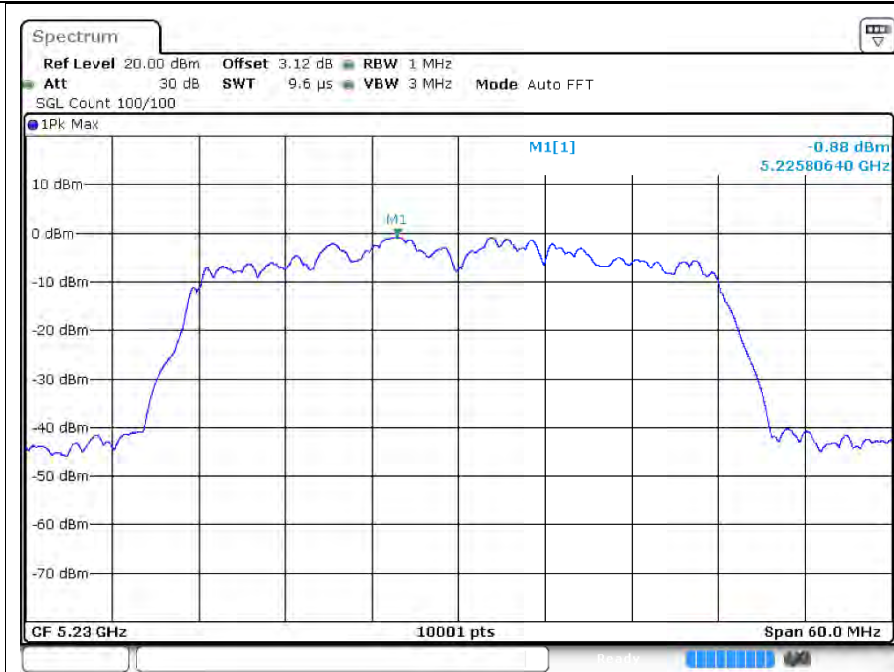
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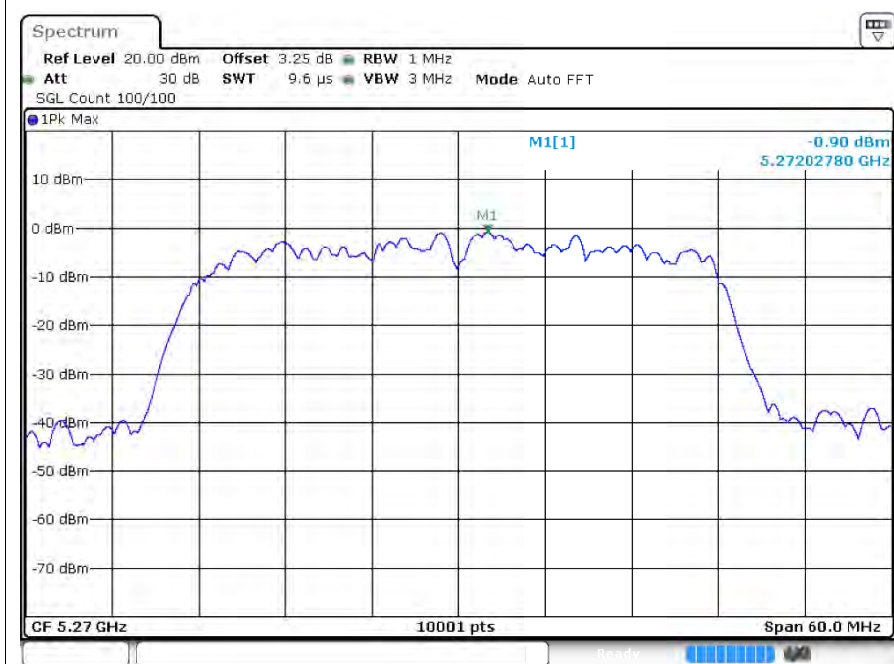
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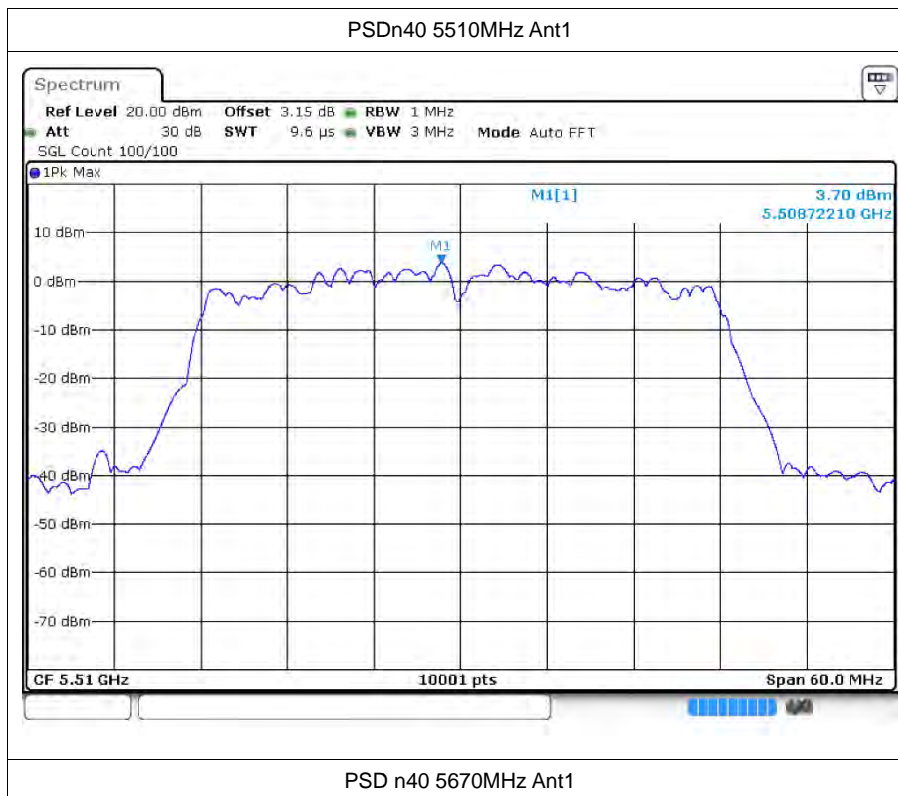
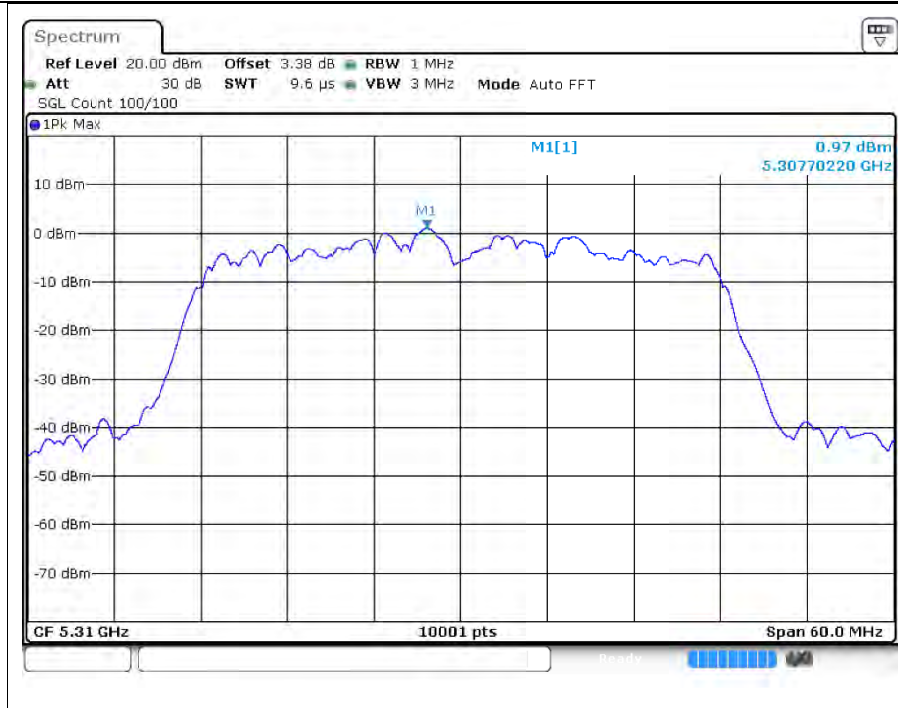


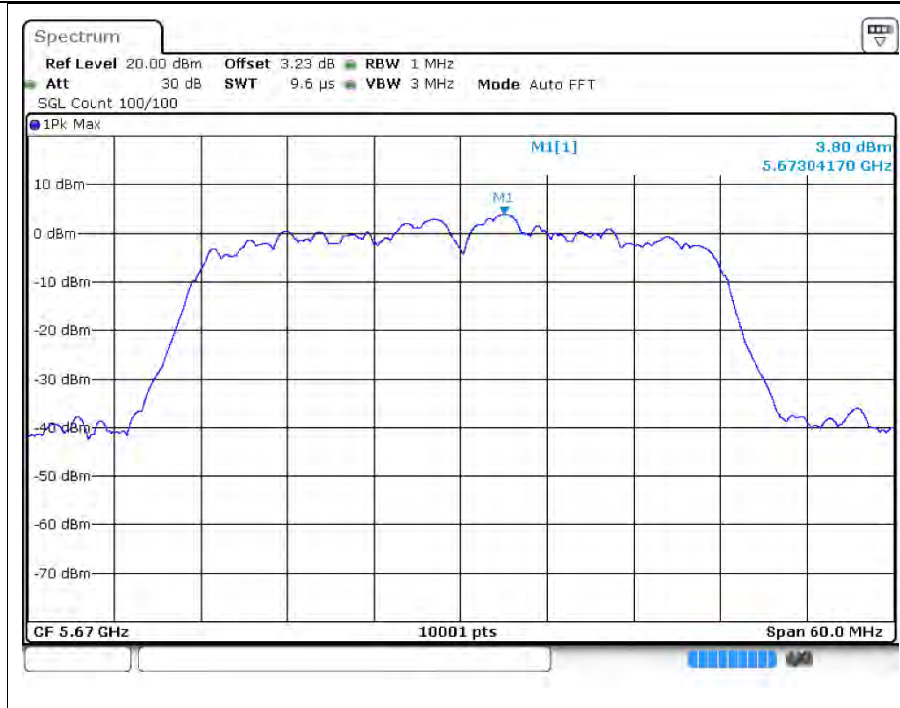


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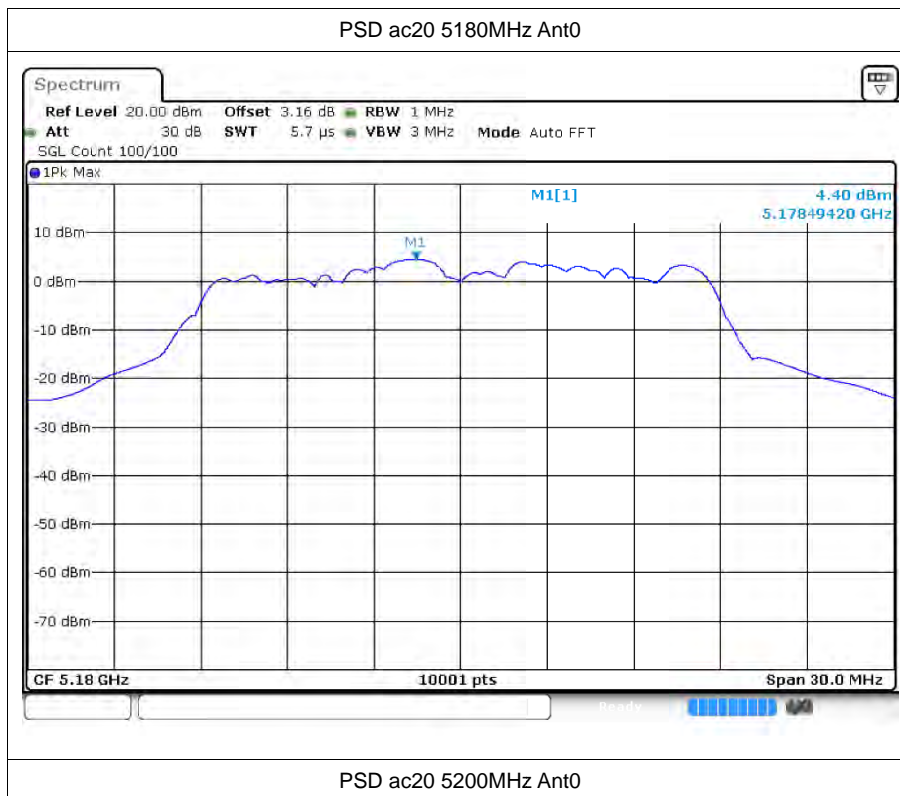


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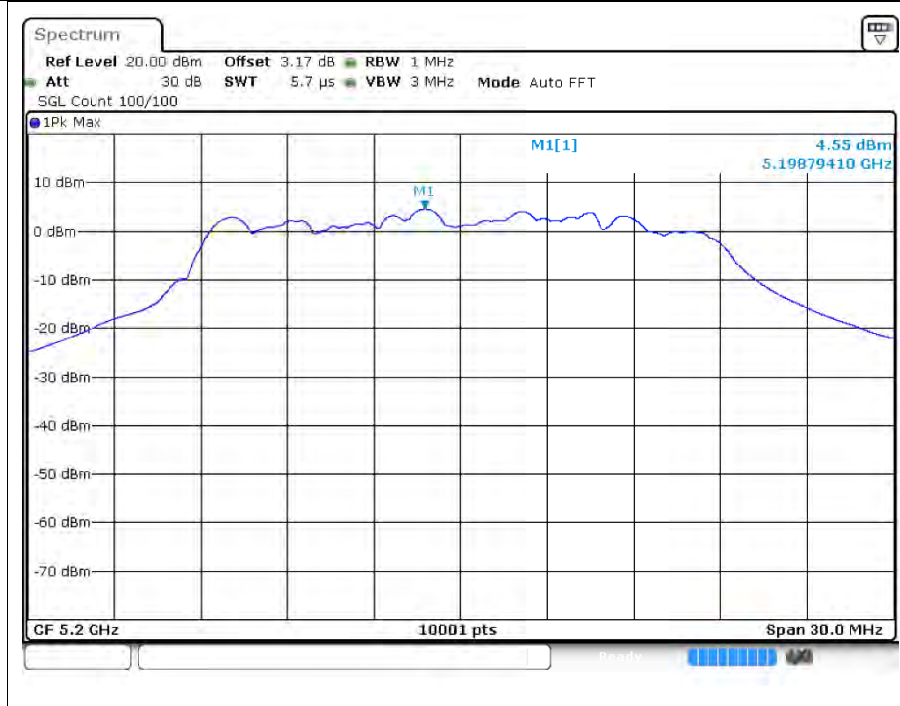




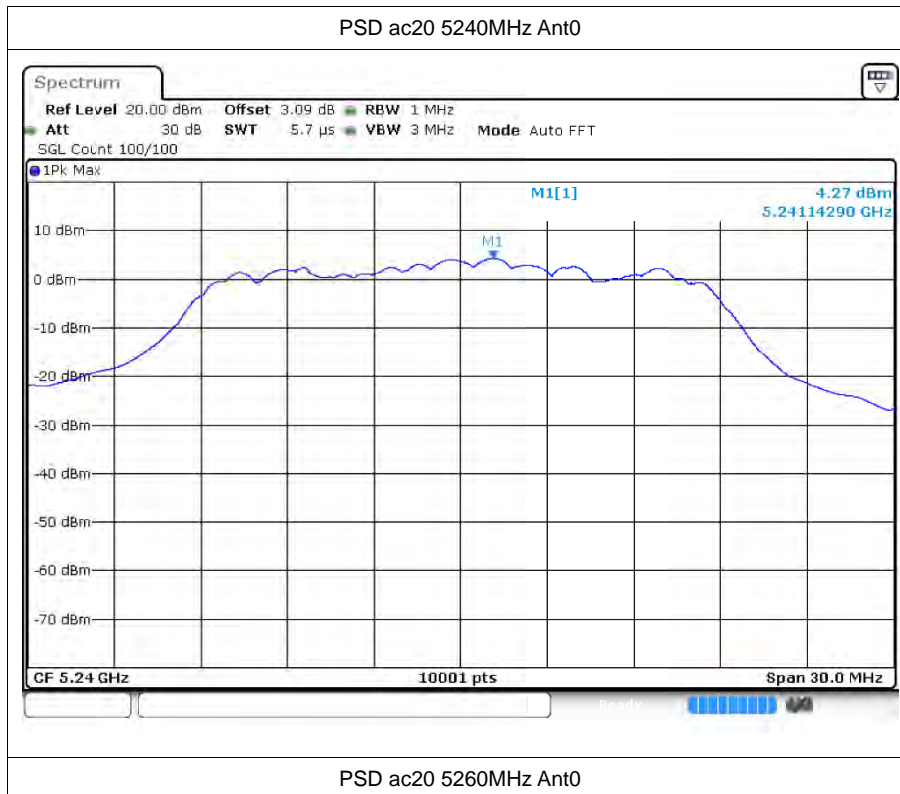
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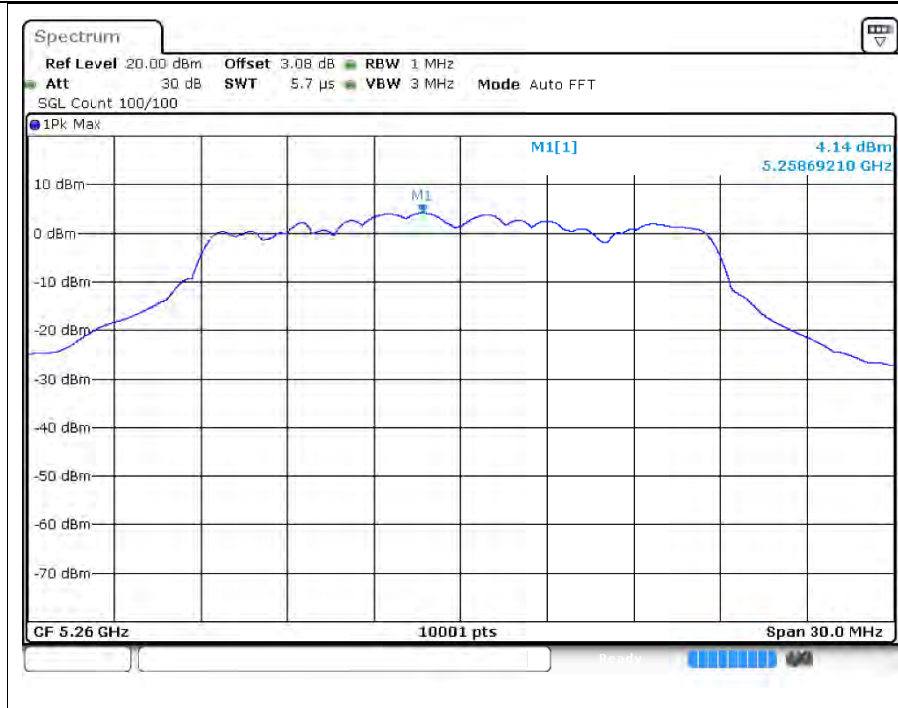


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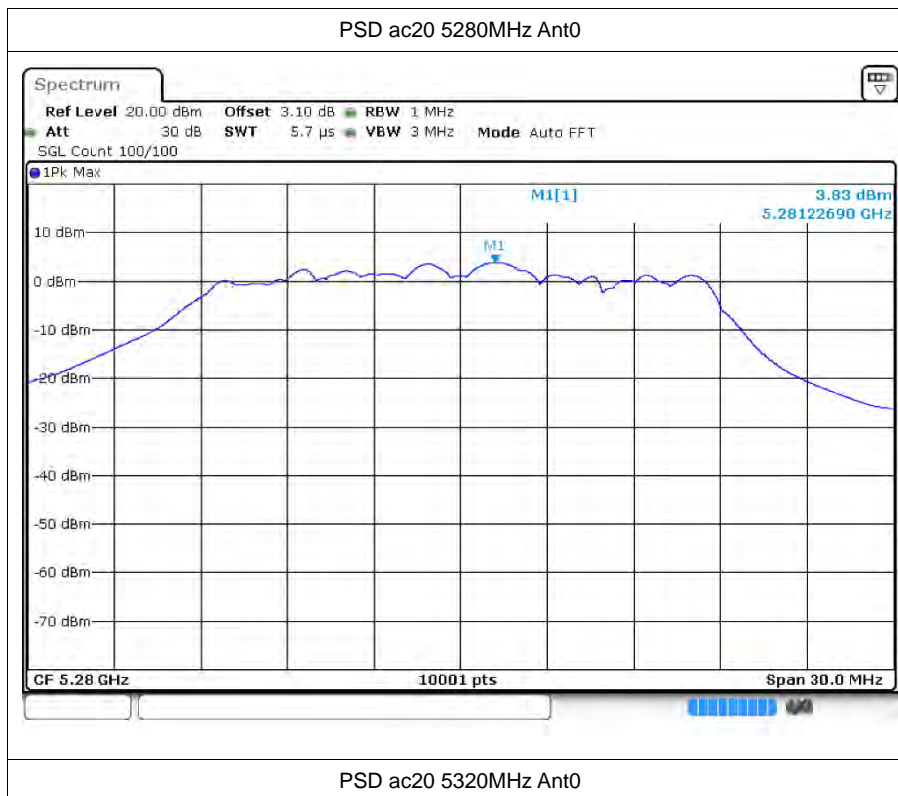


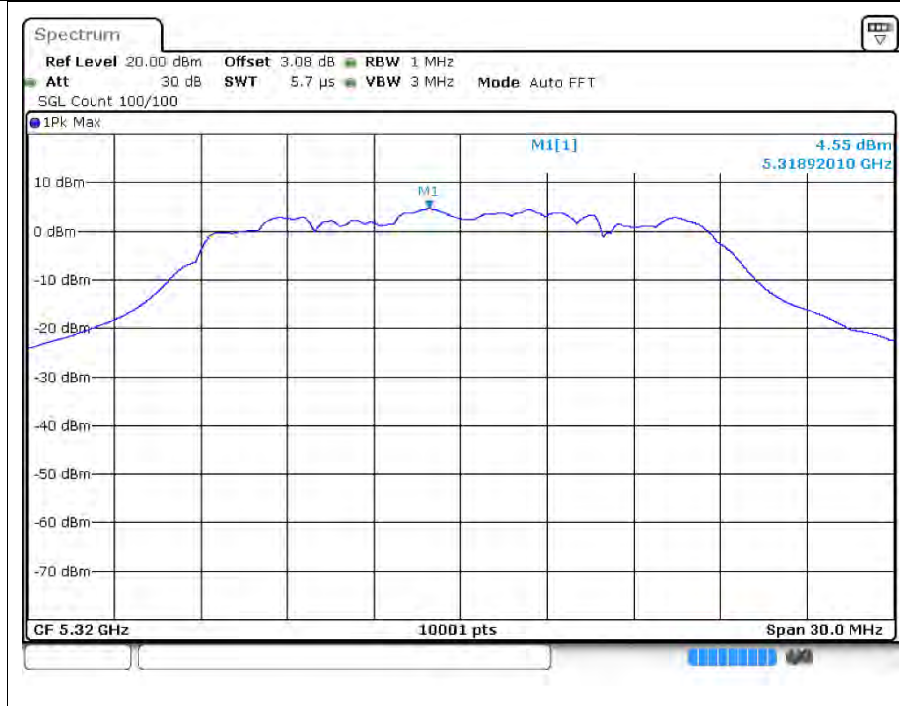
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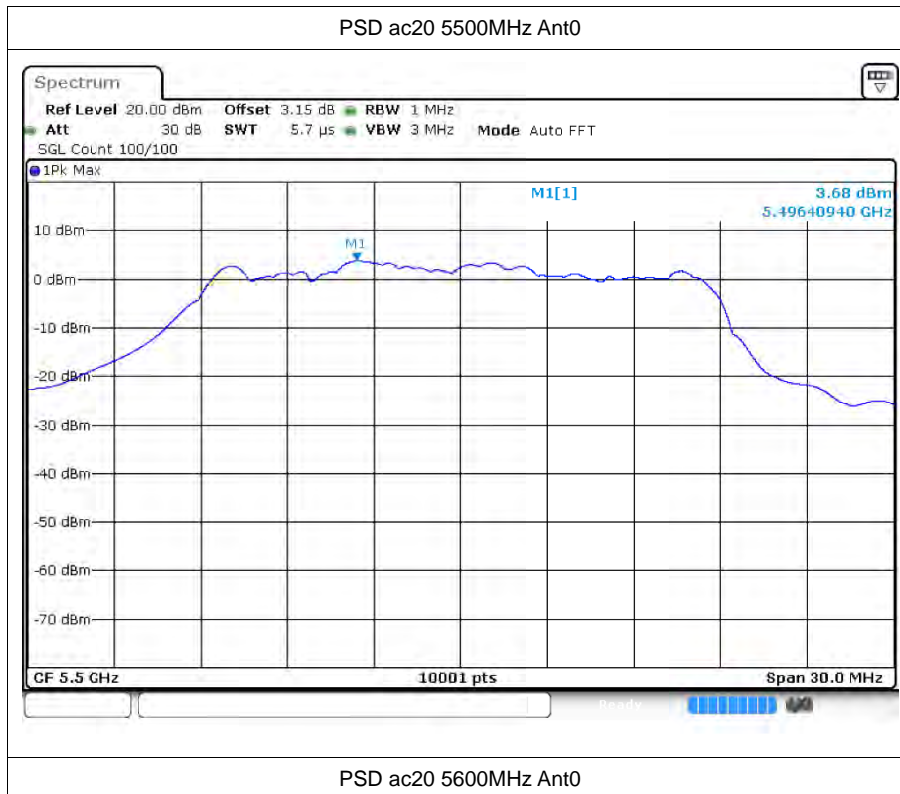


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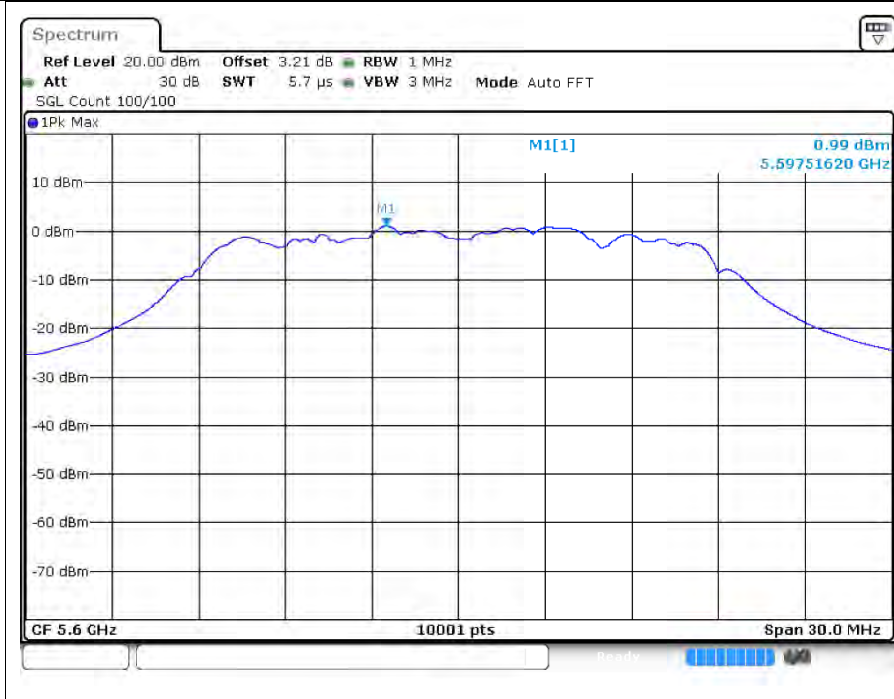




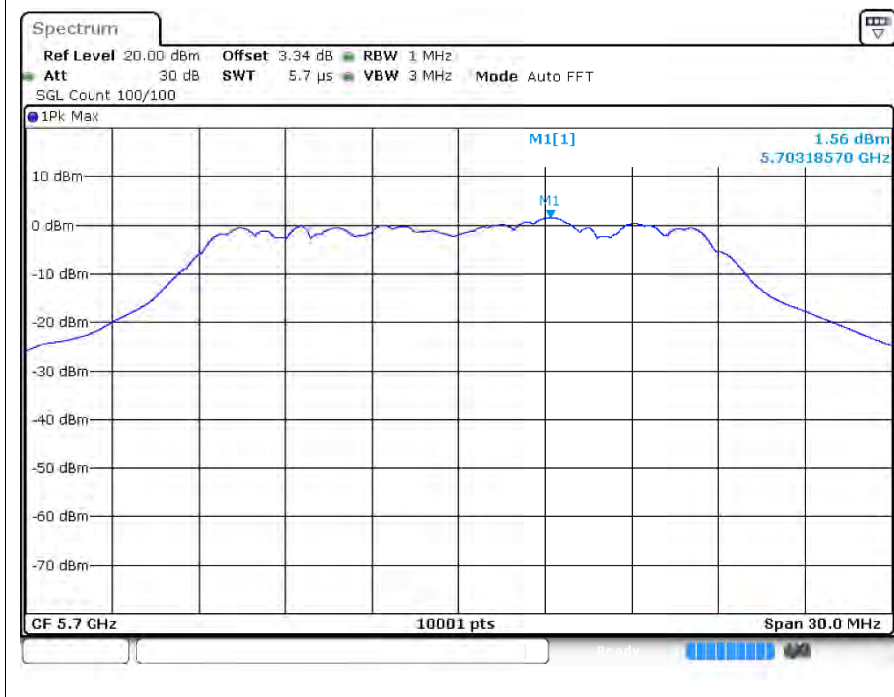
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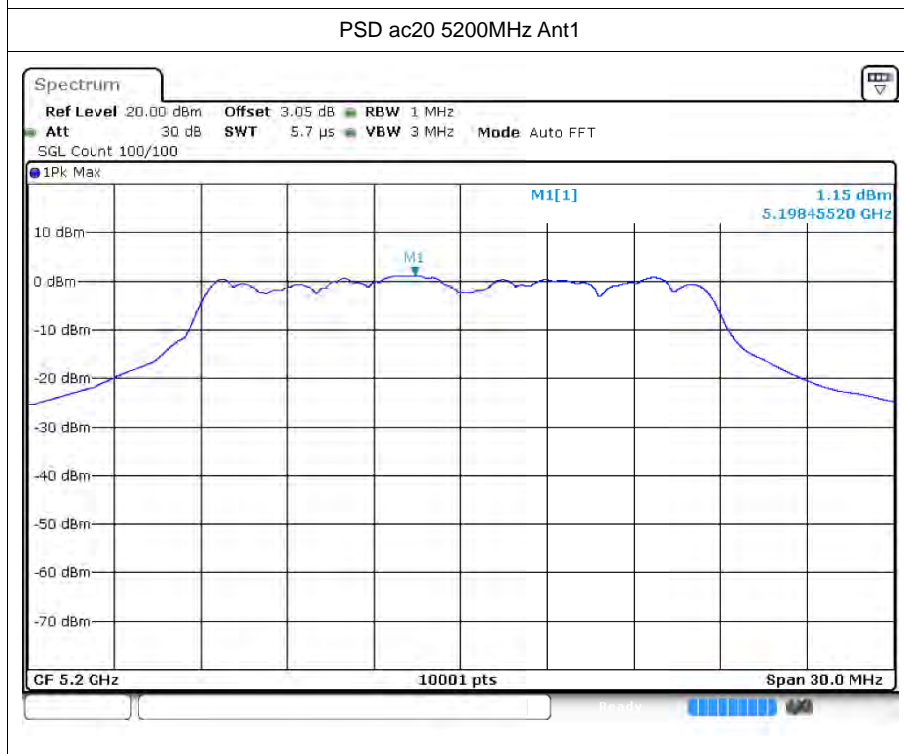
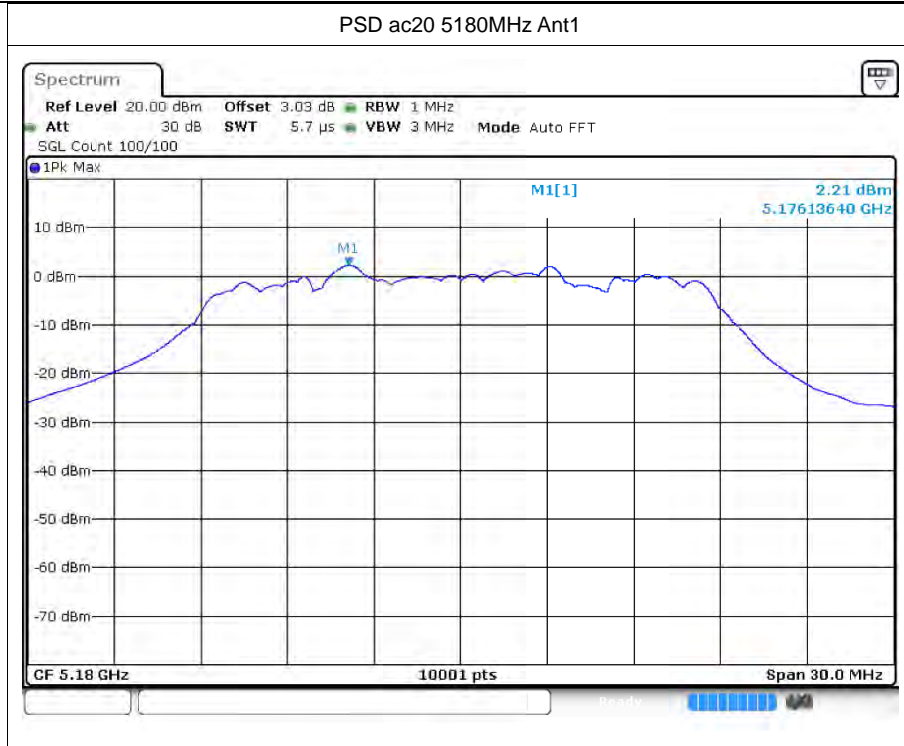


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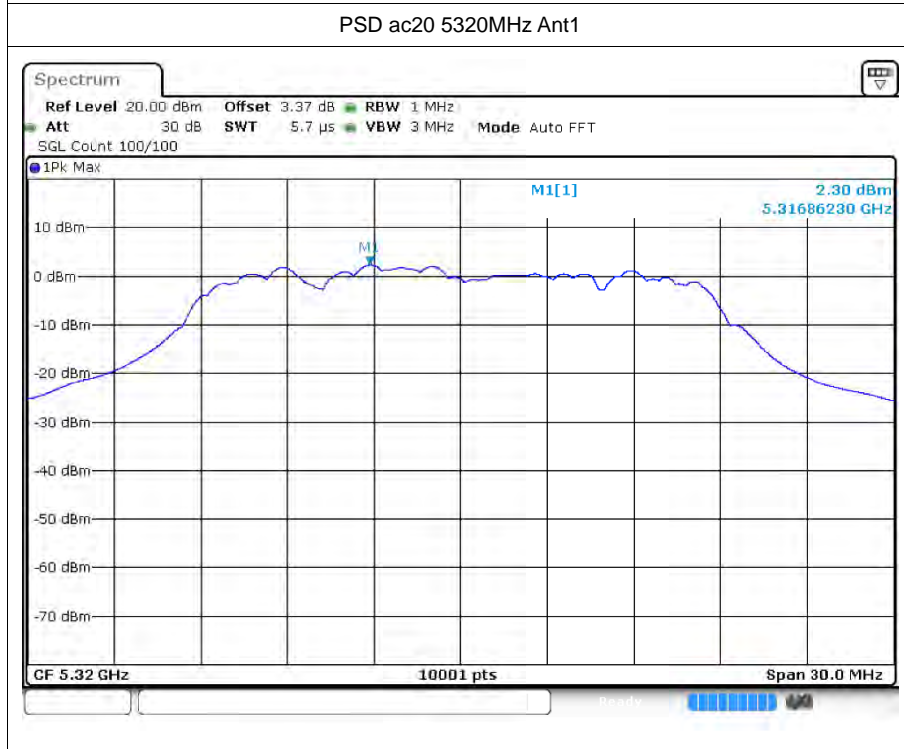
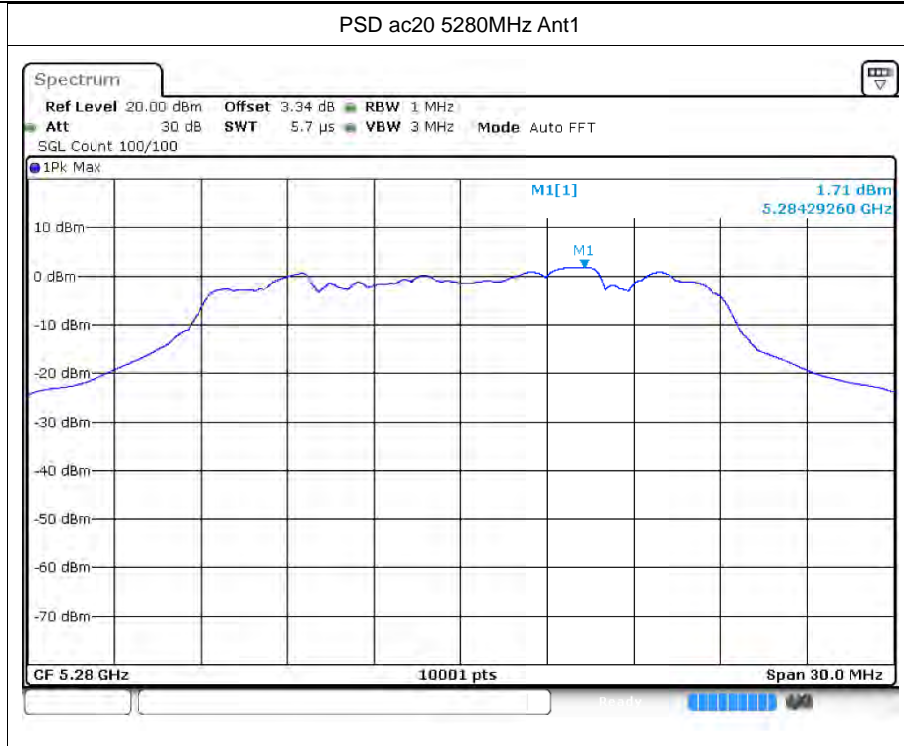


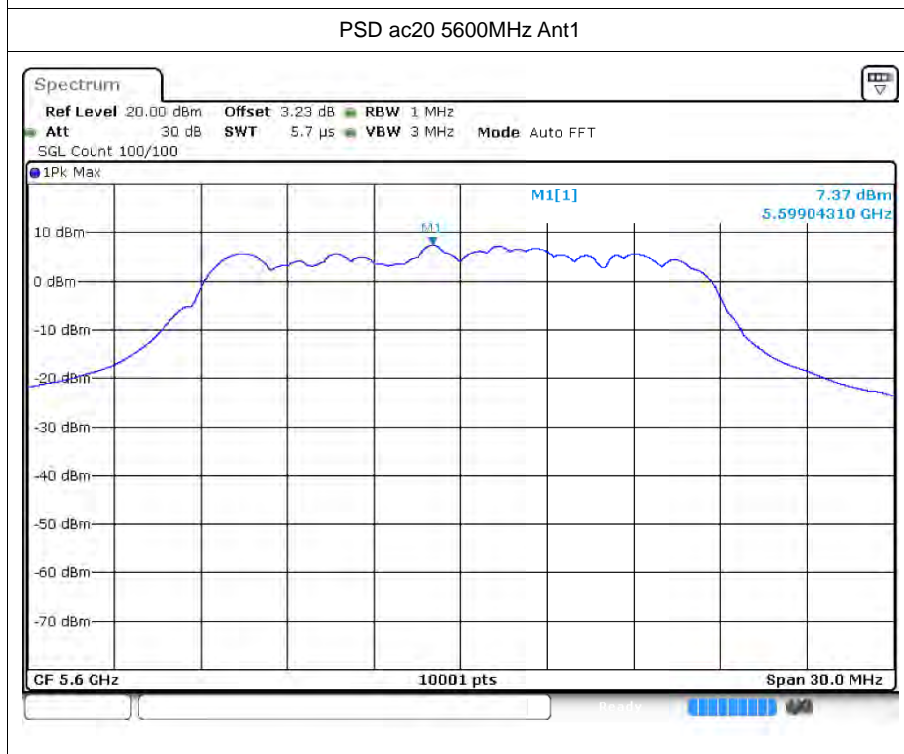
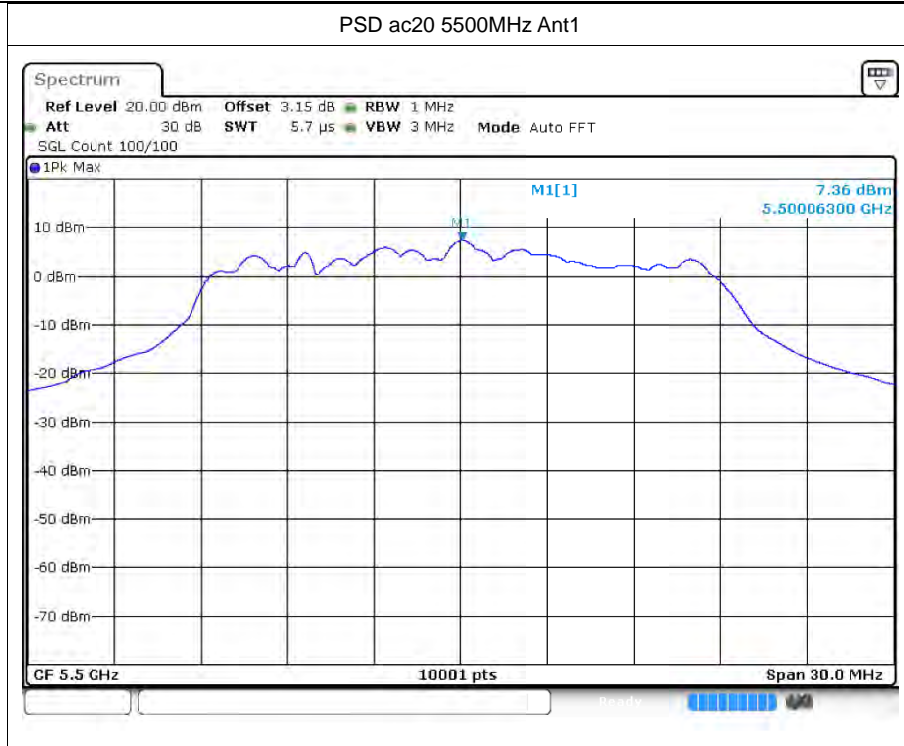
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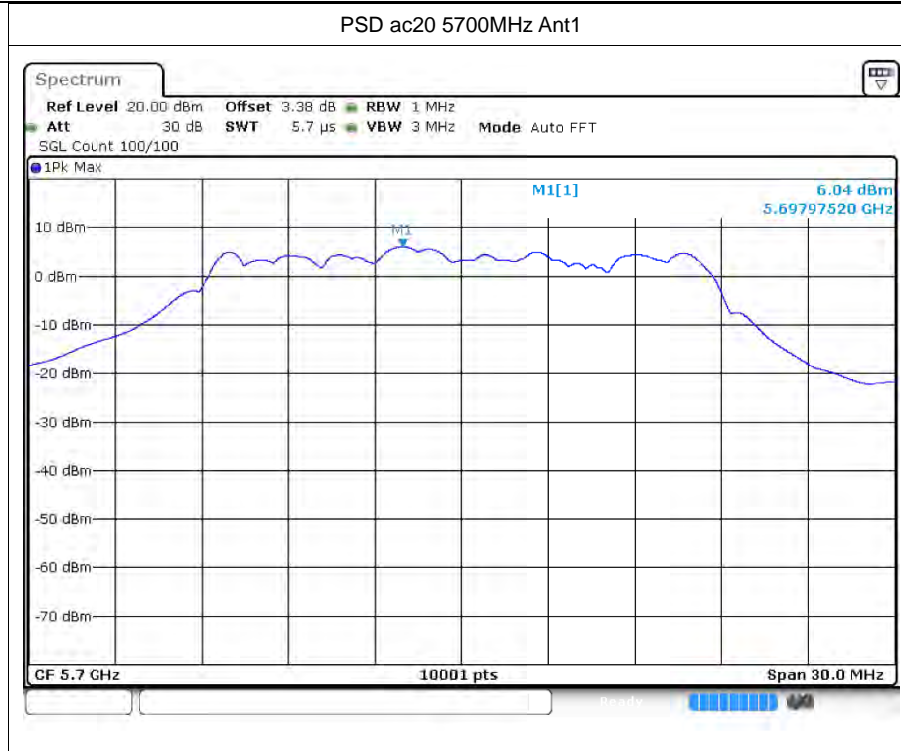


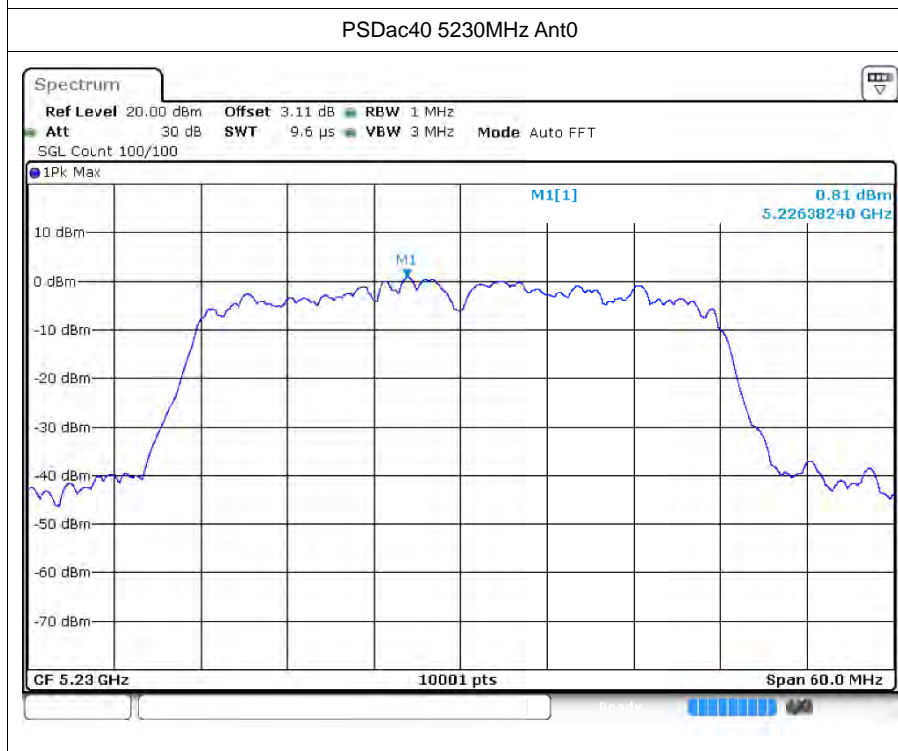
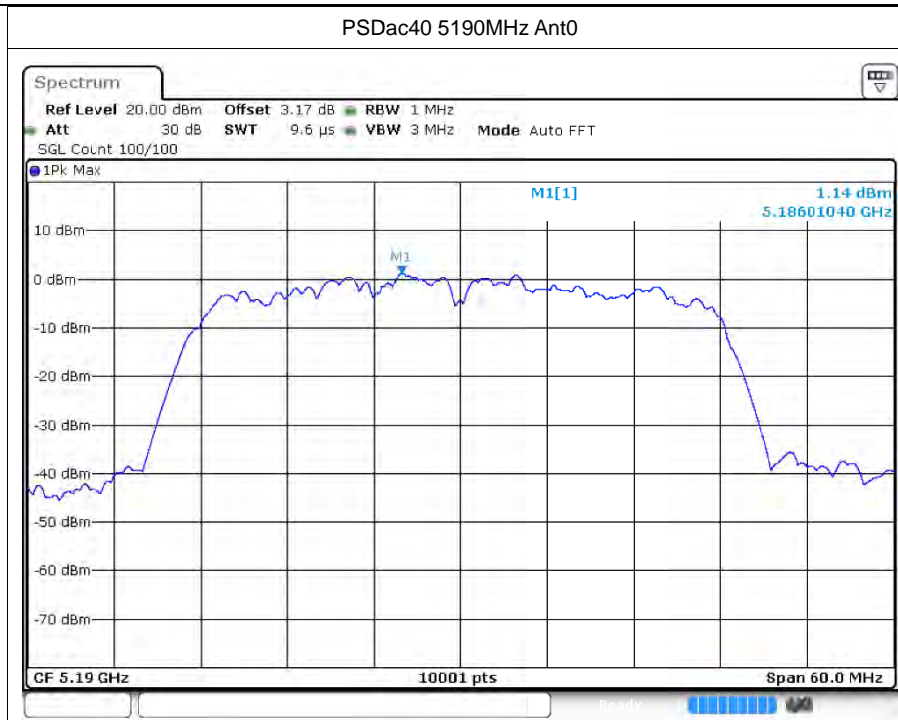


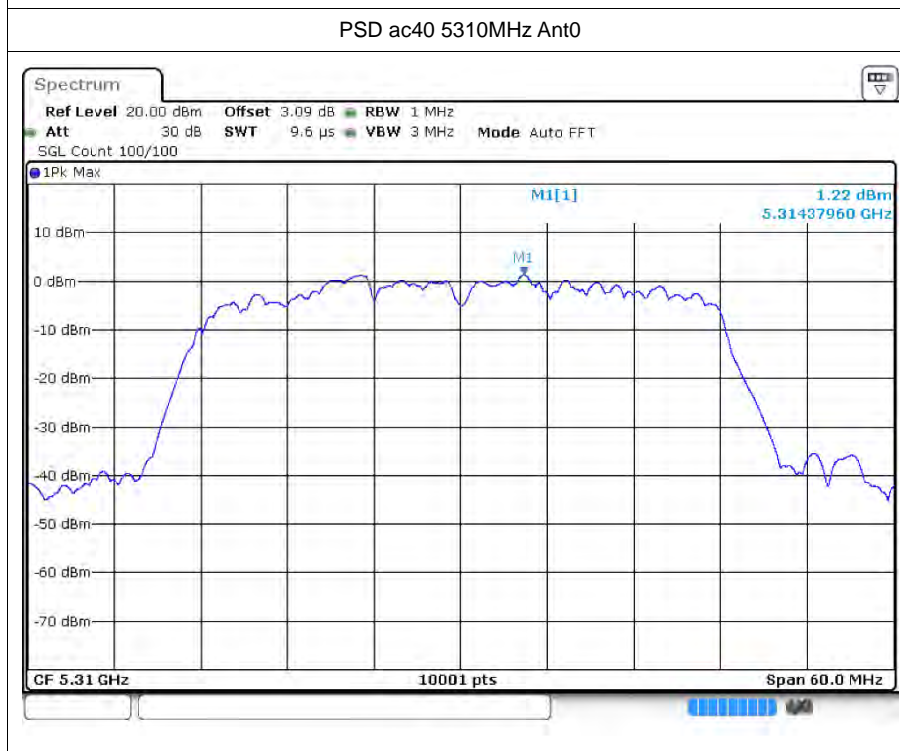
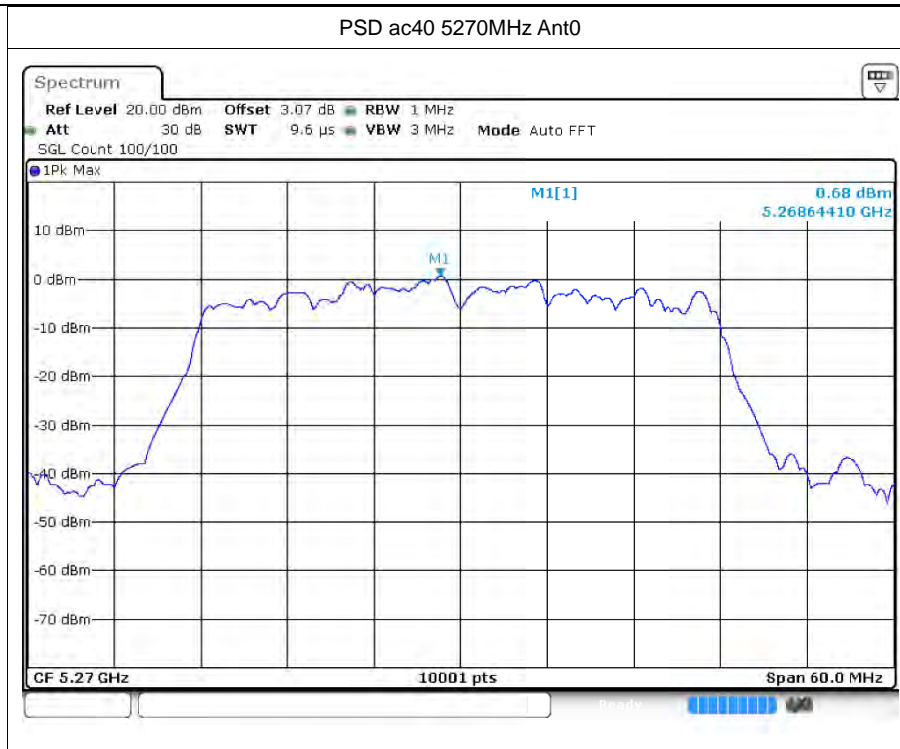


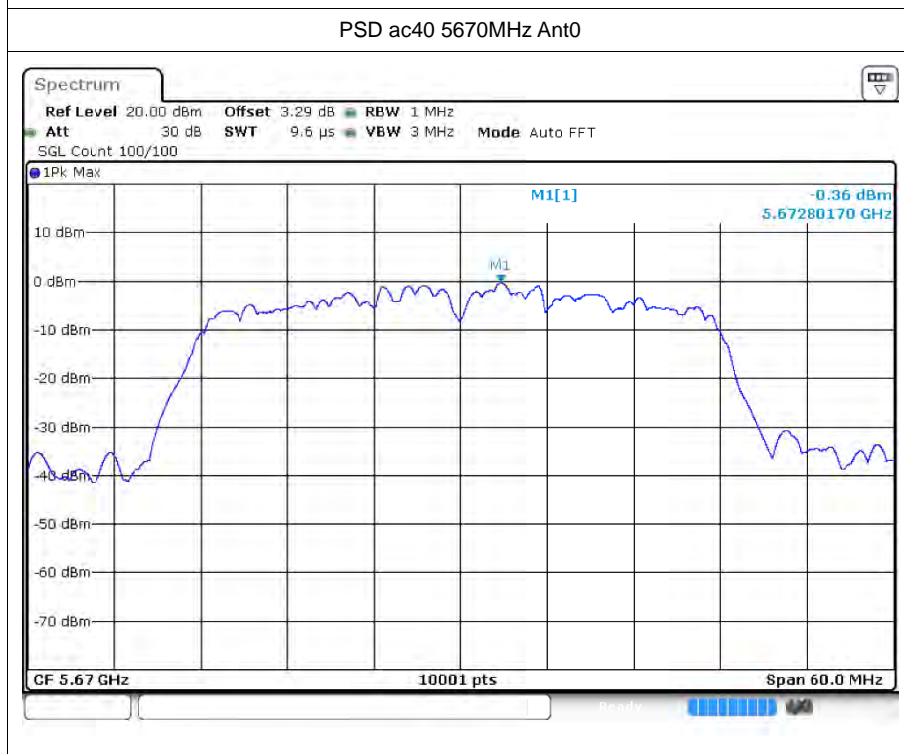
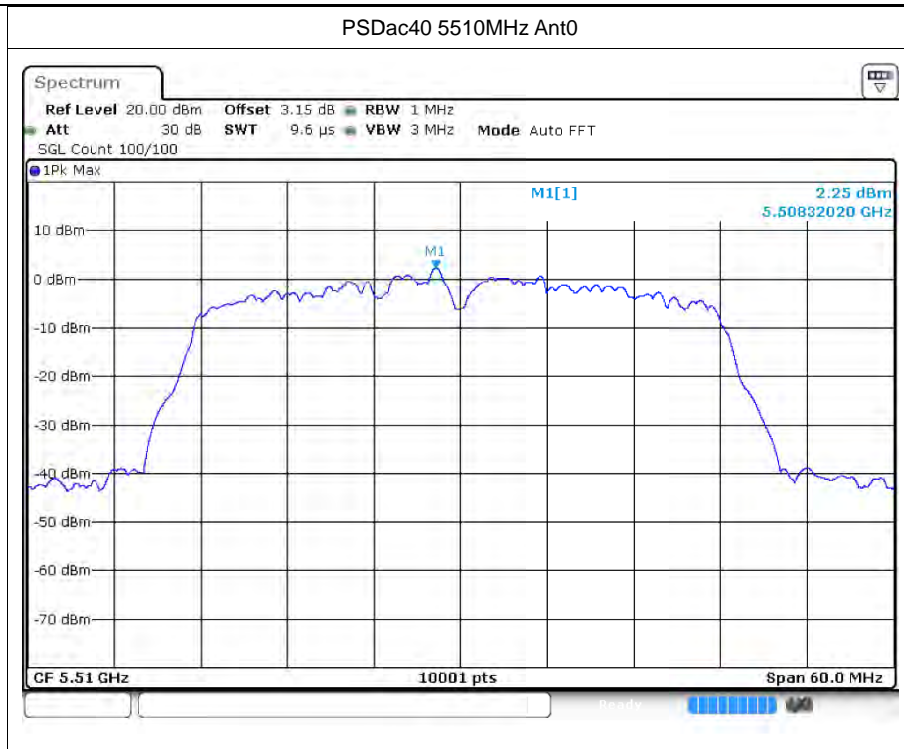


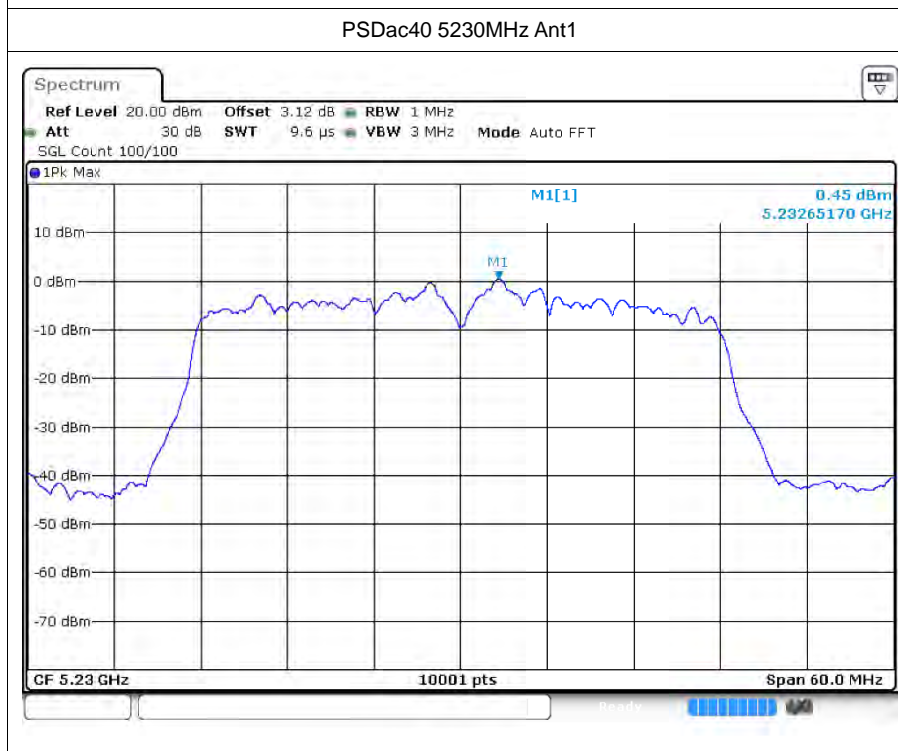
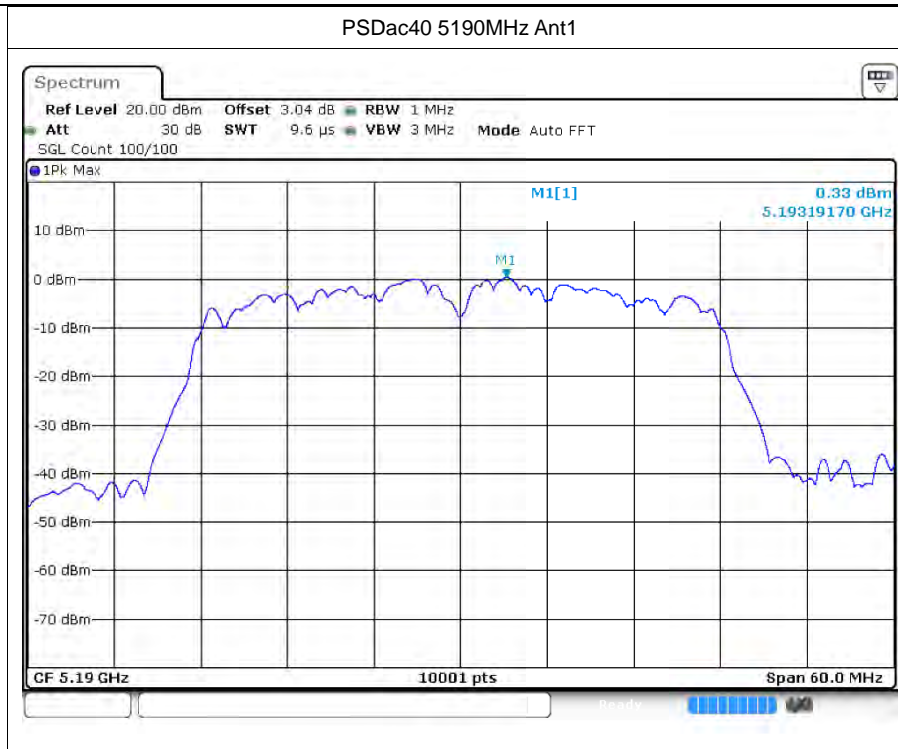




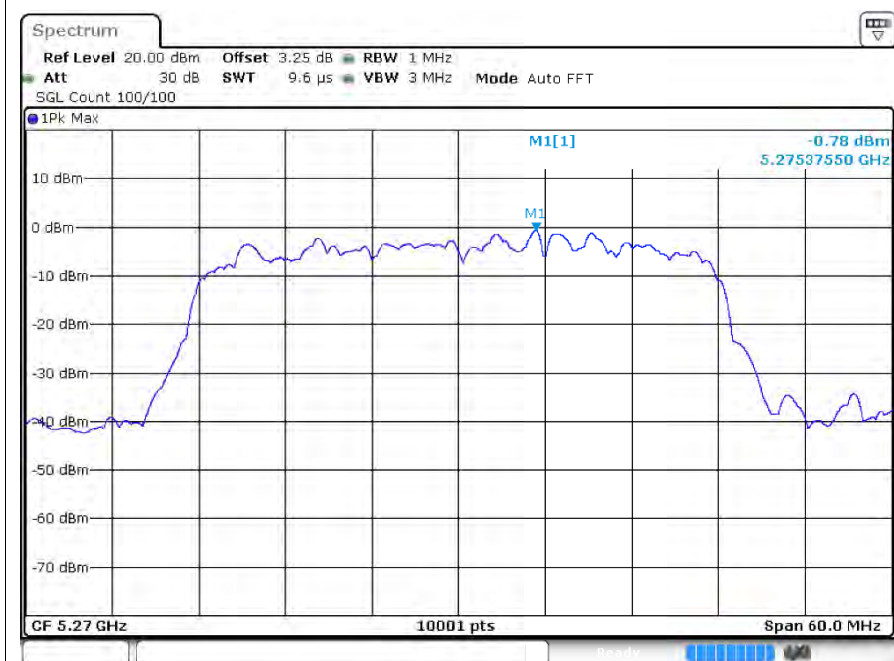




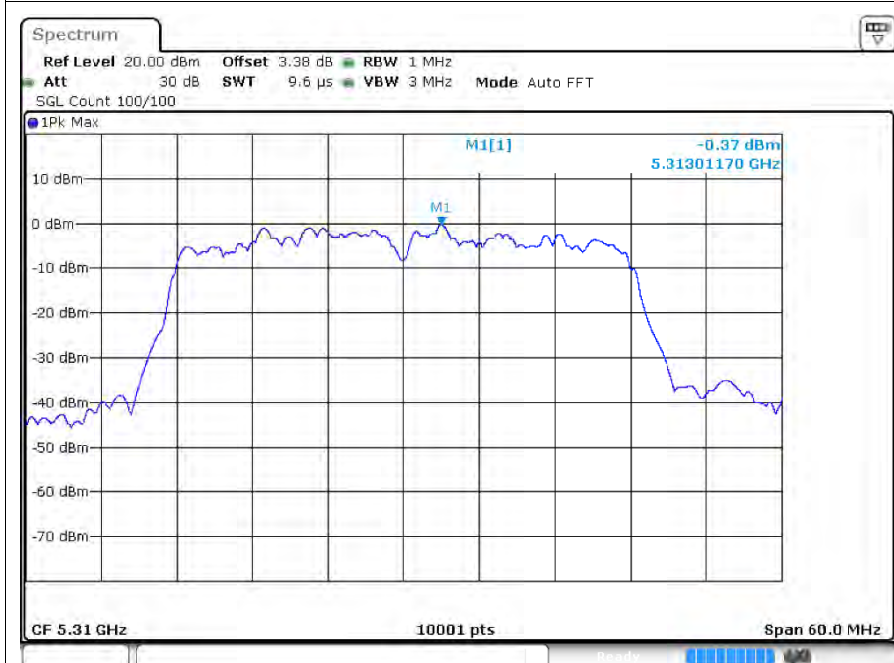


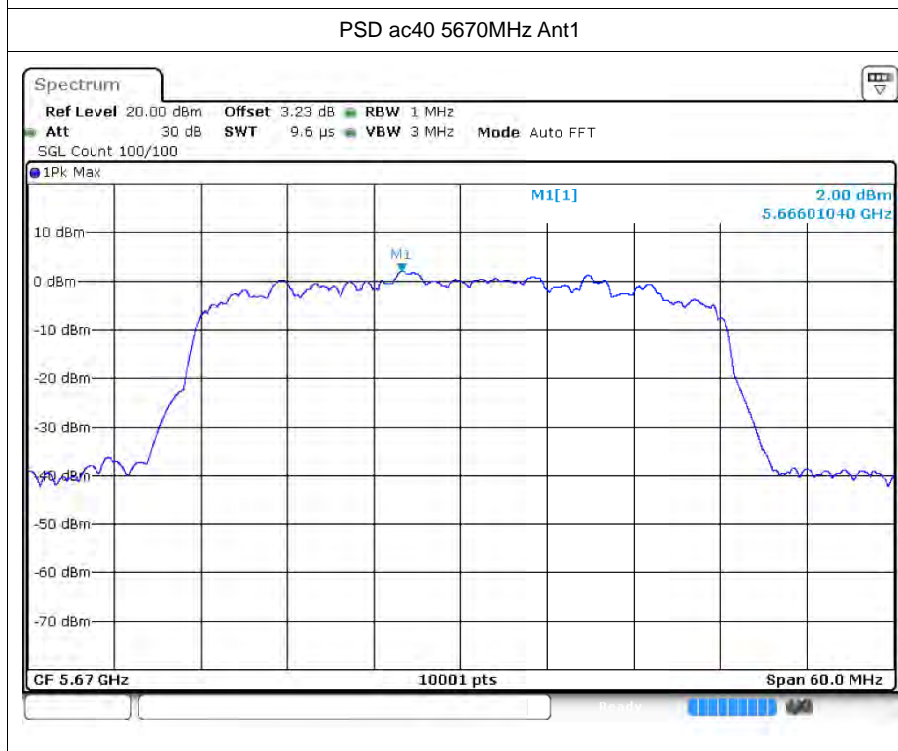
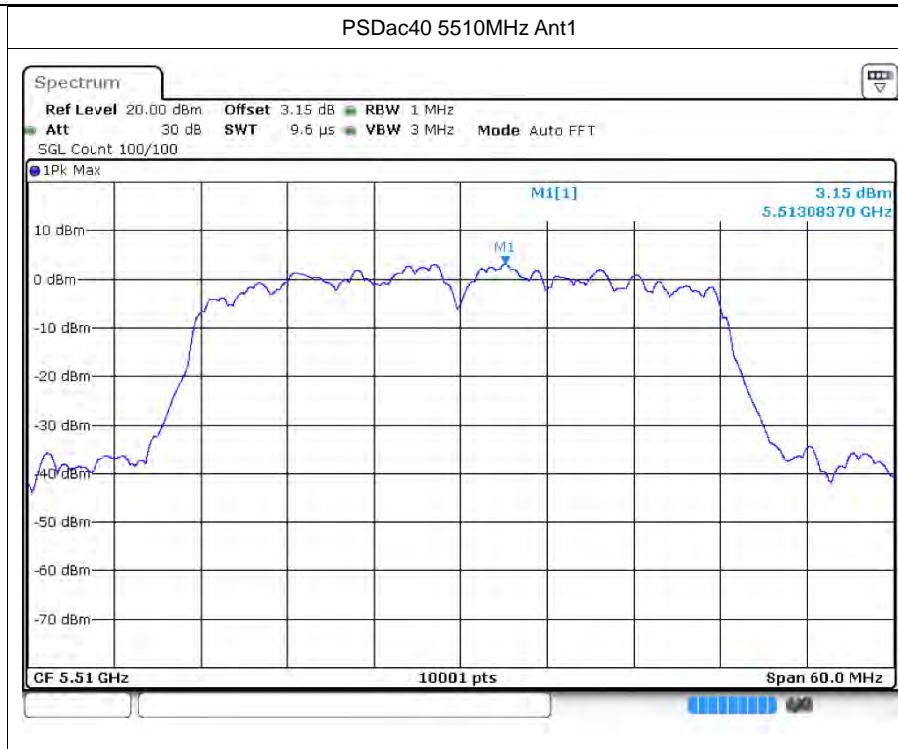


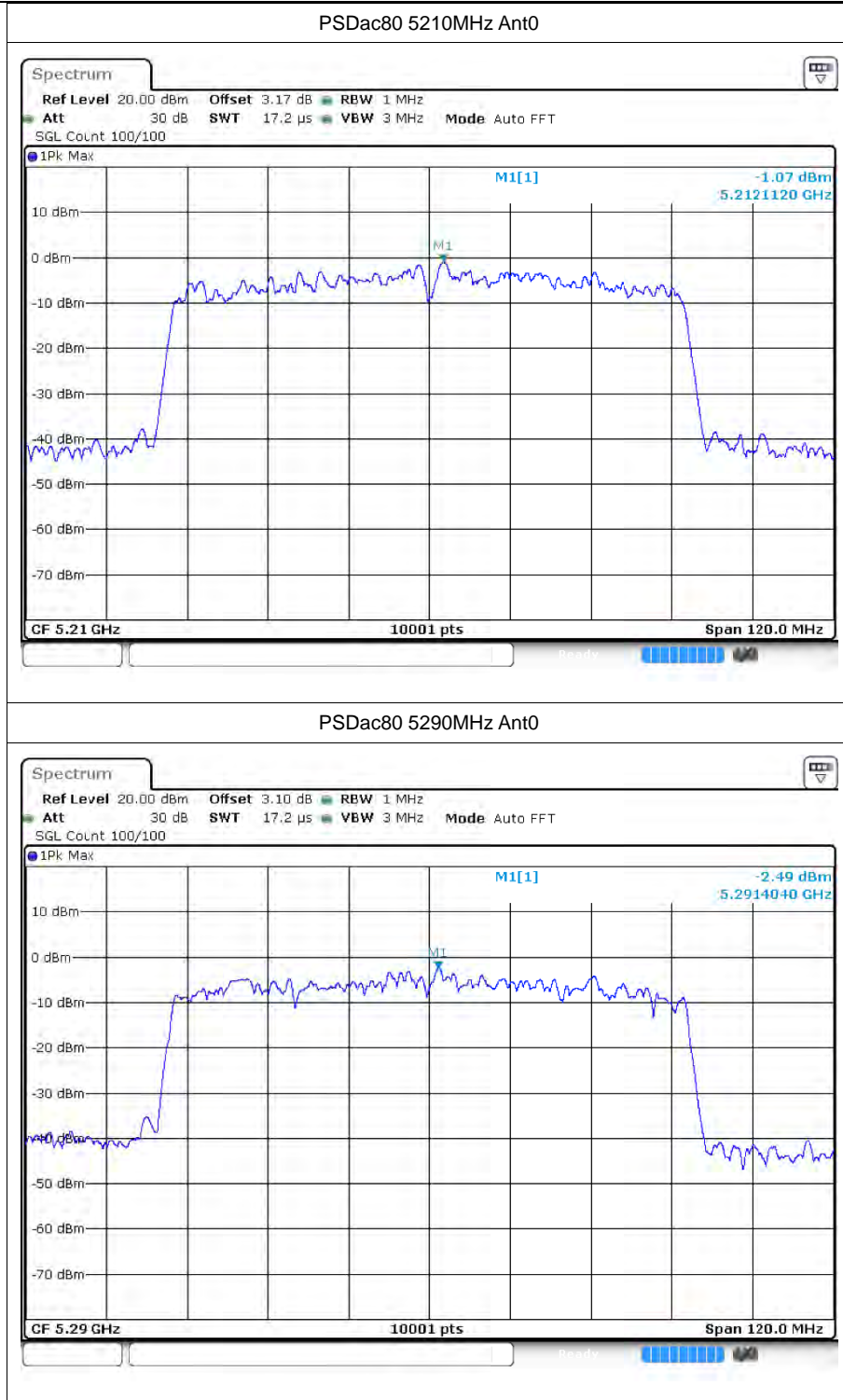
PSD ac40 5270MHz Ant1

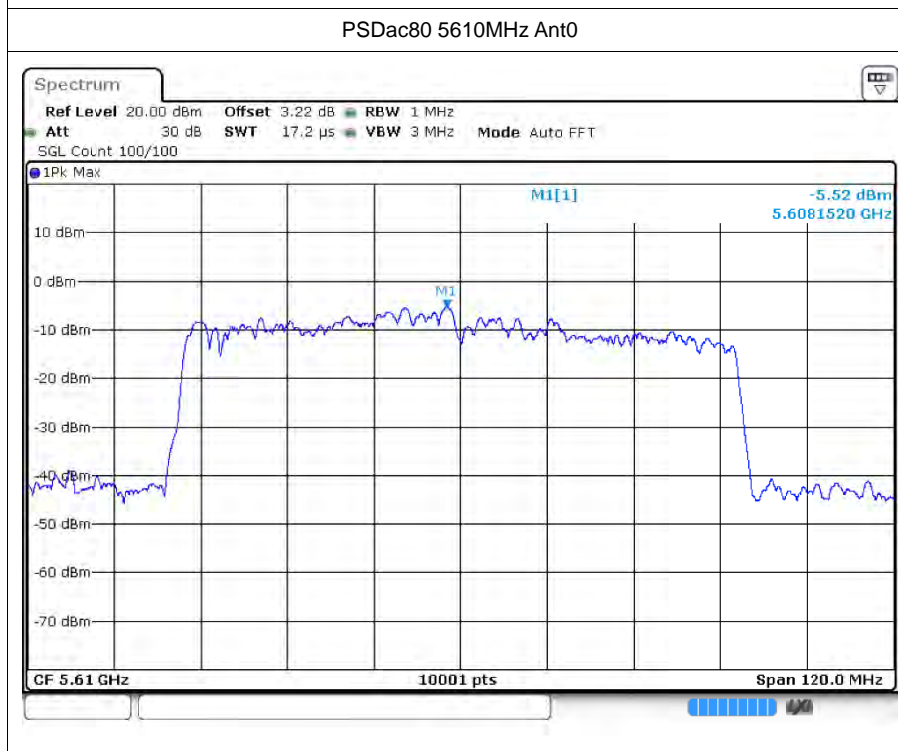
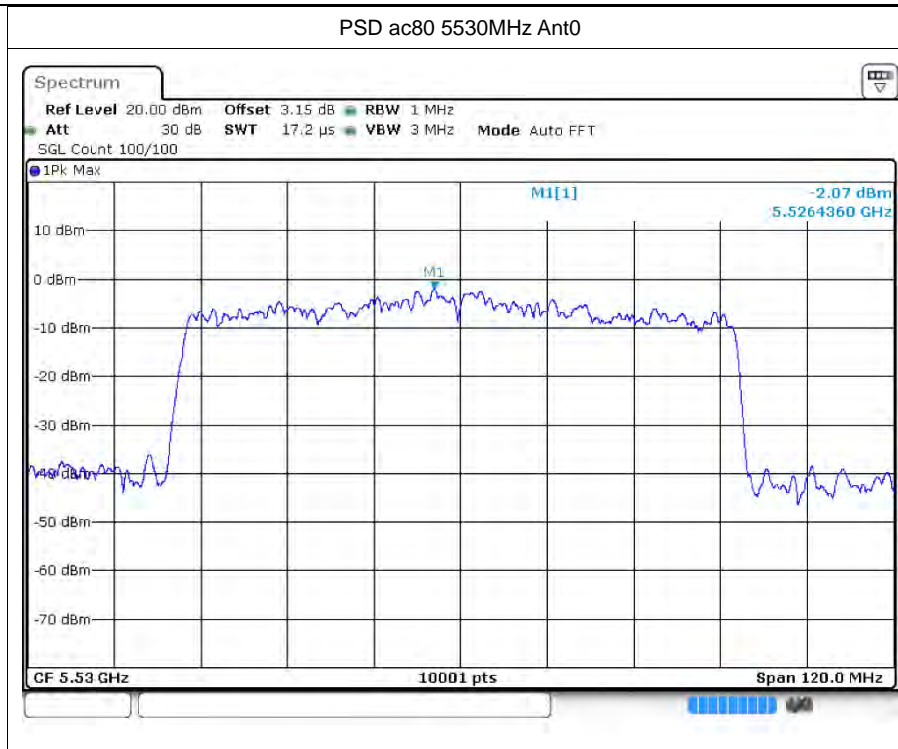


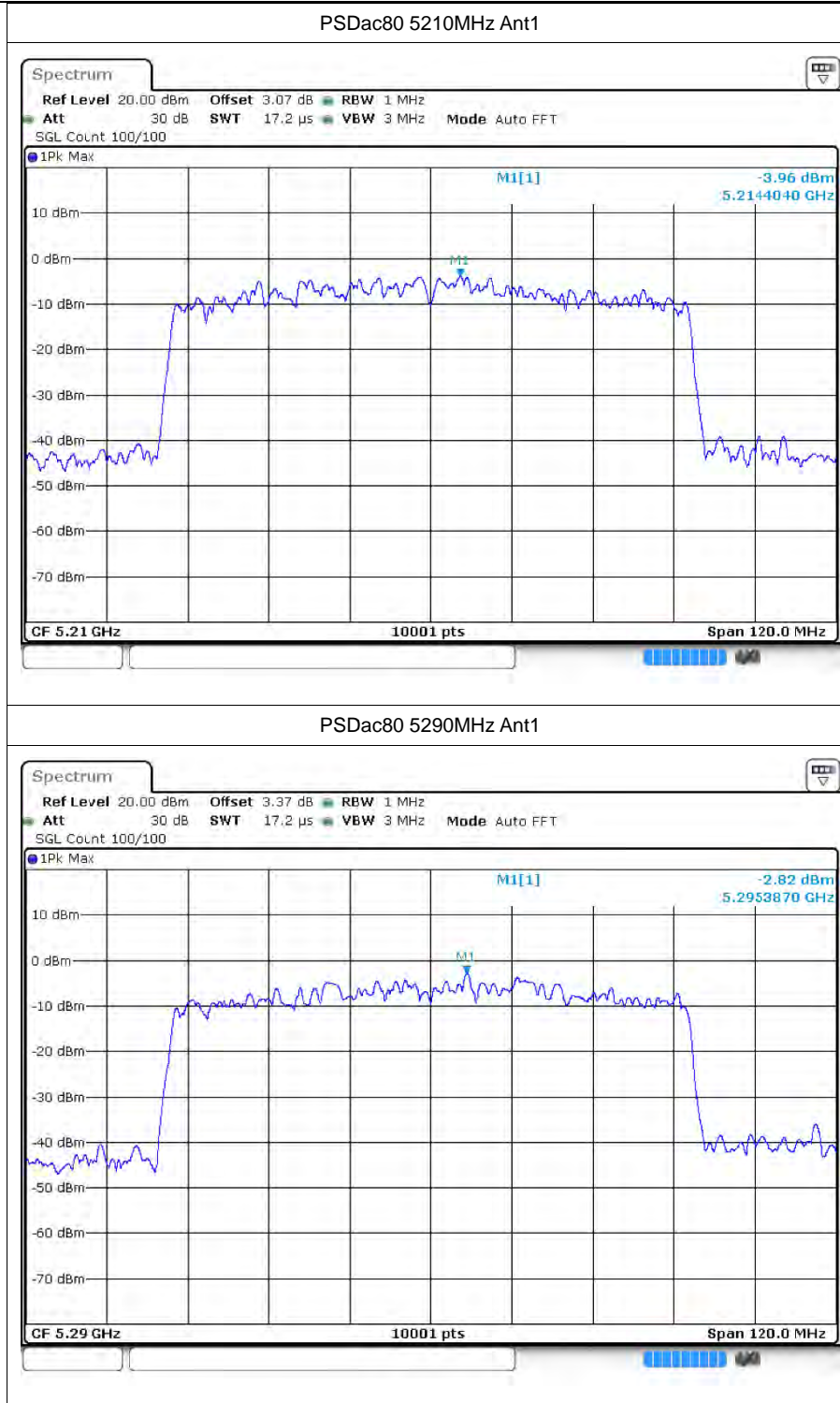
PSD ac40 5310MHz Ant1

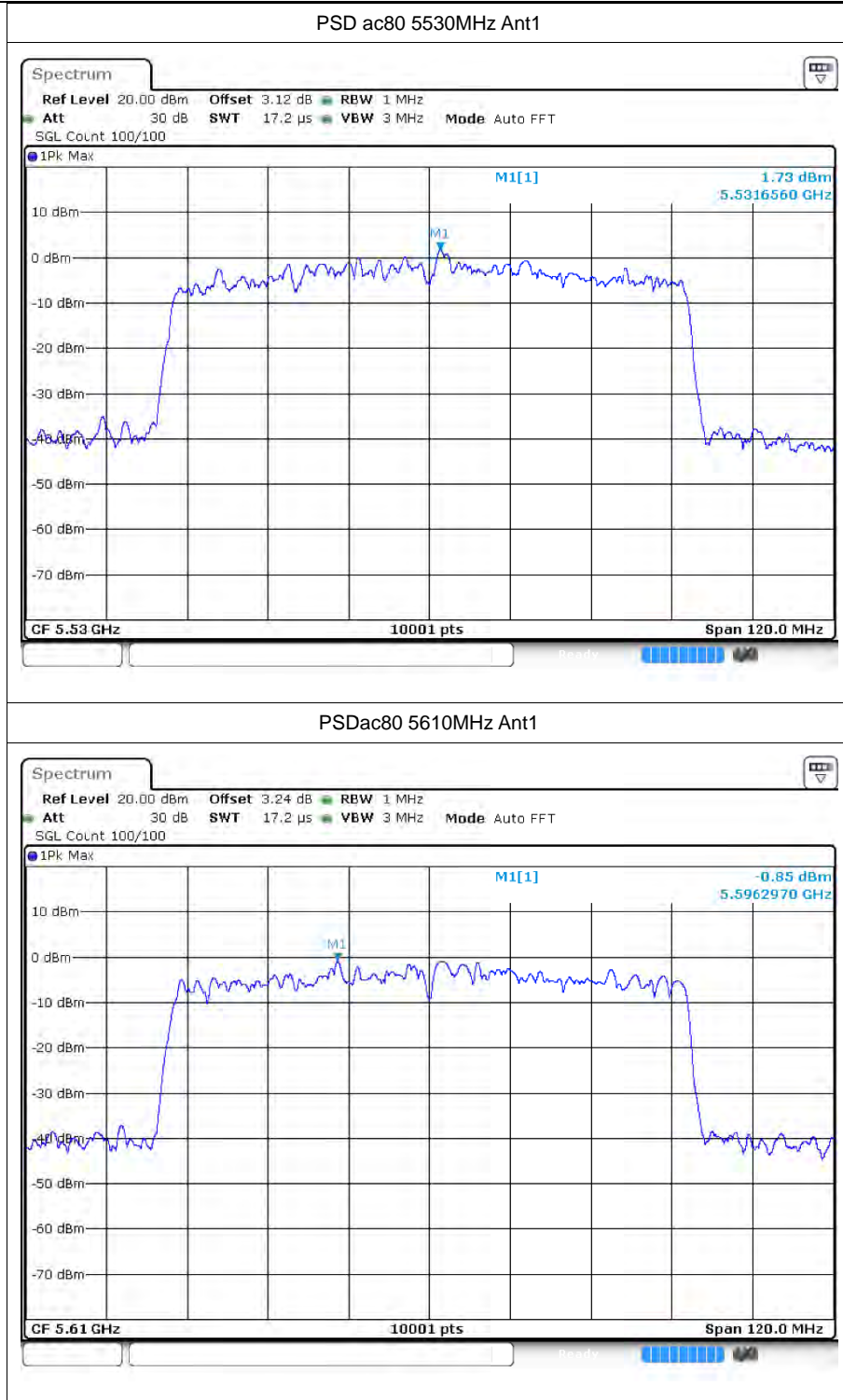




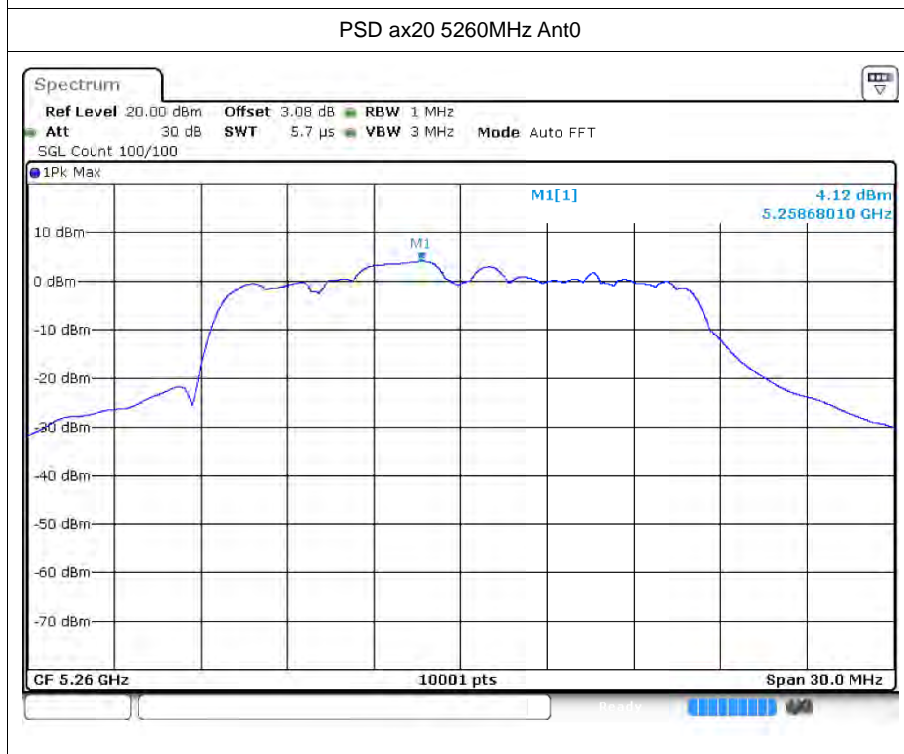
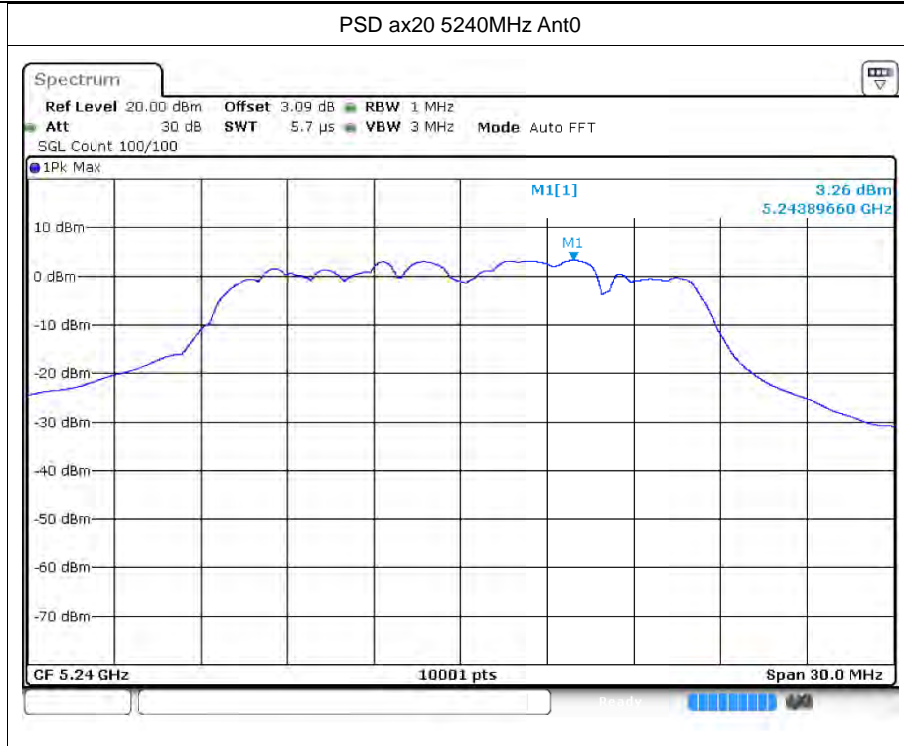


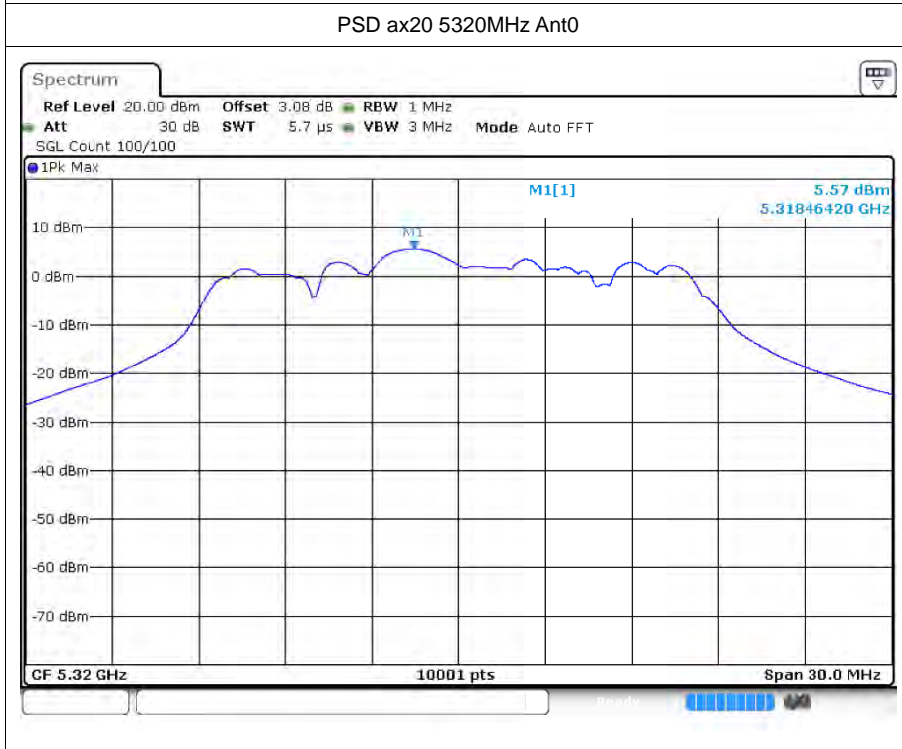
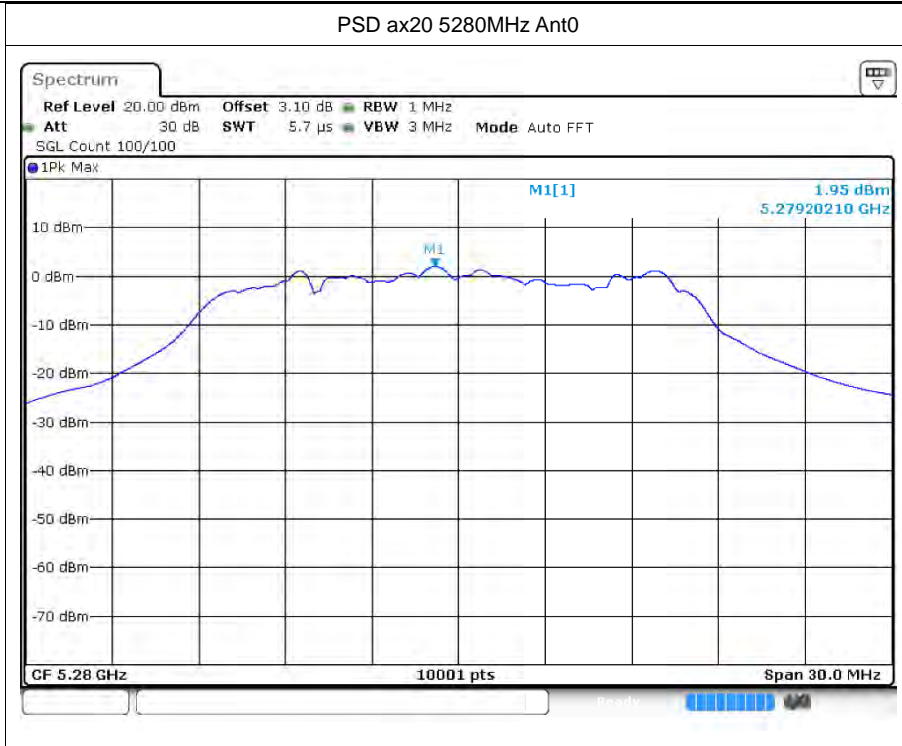


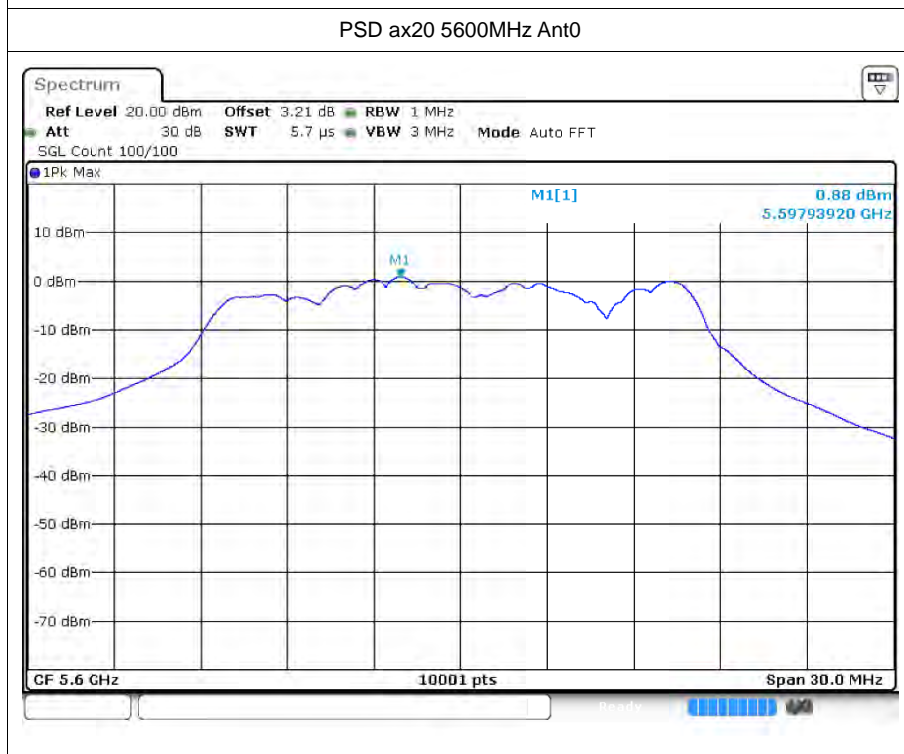
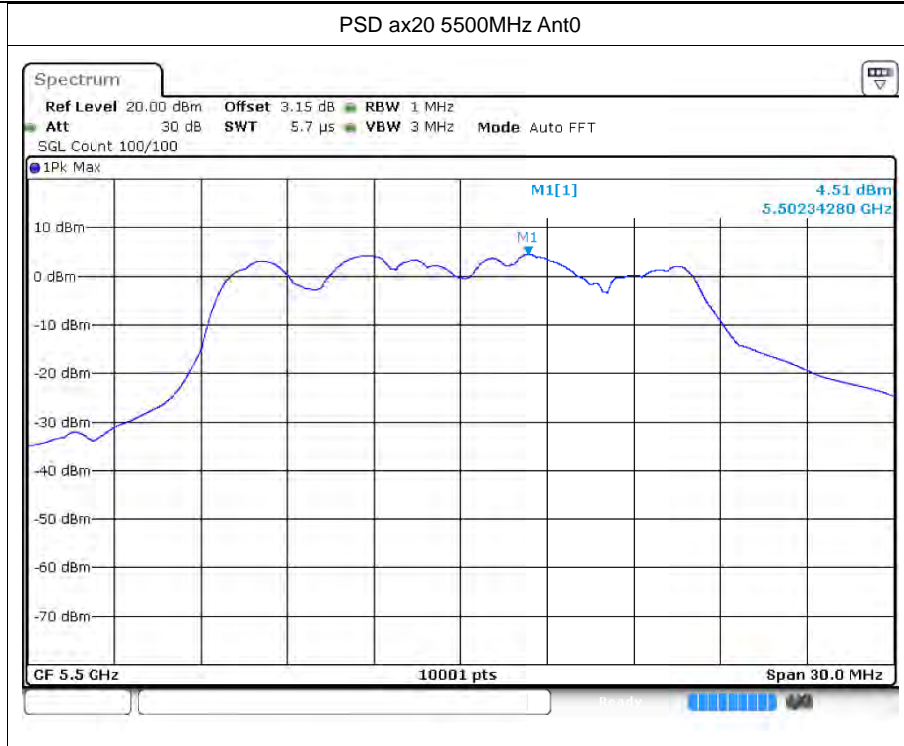


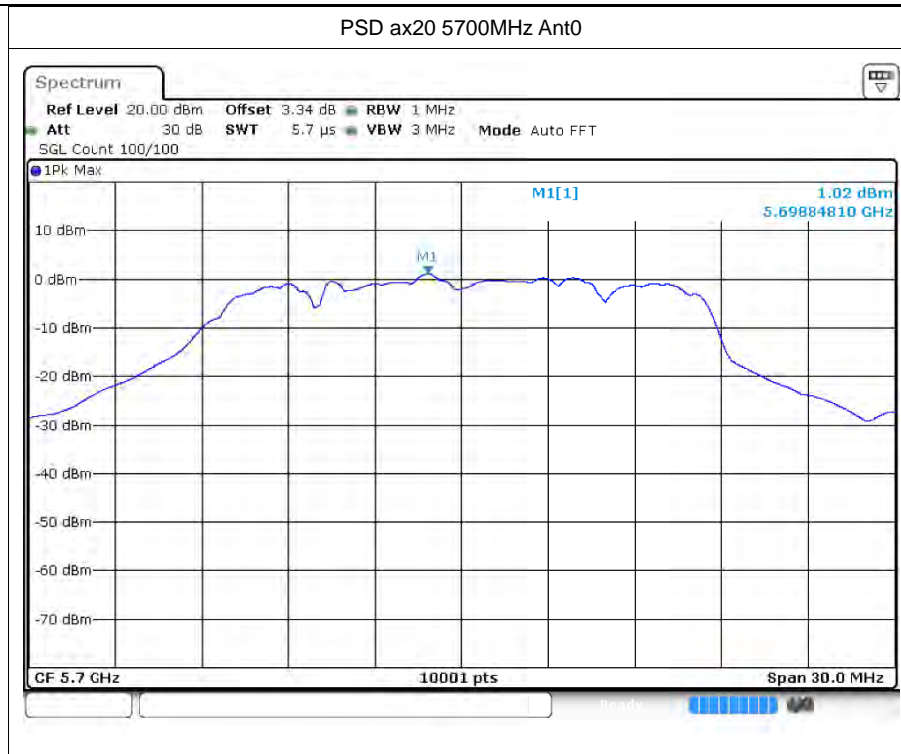


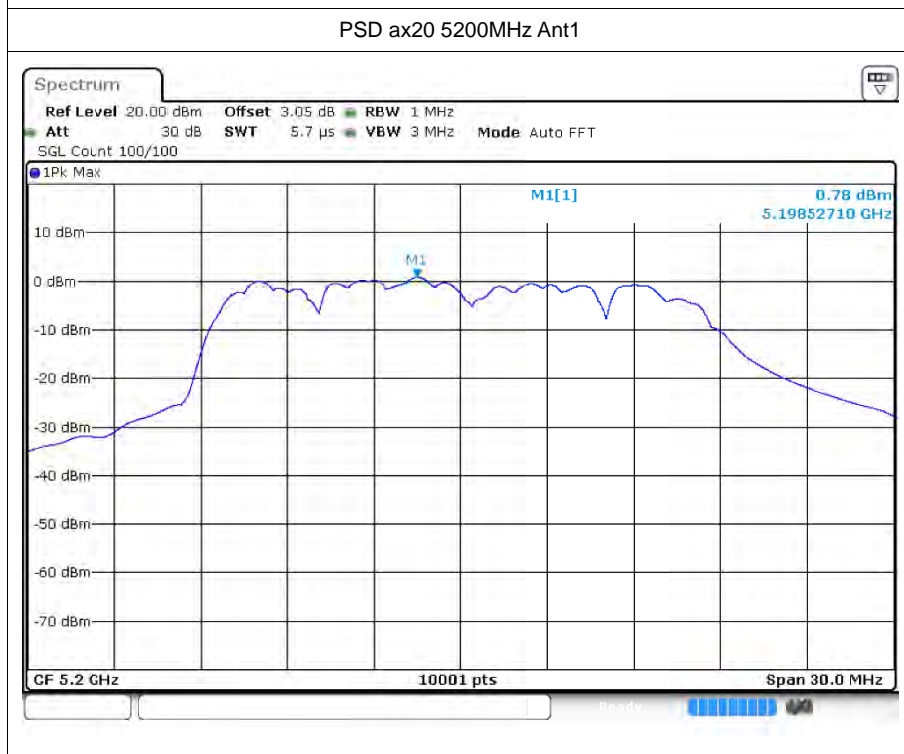
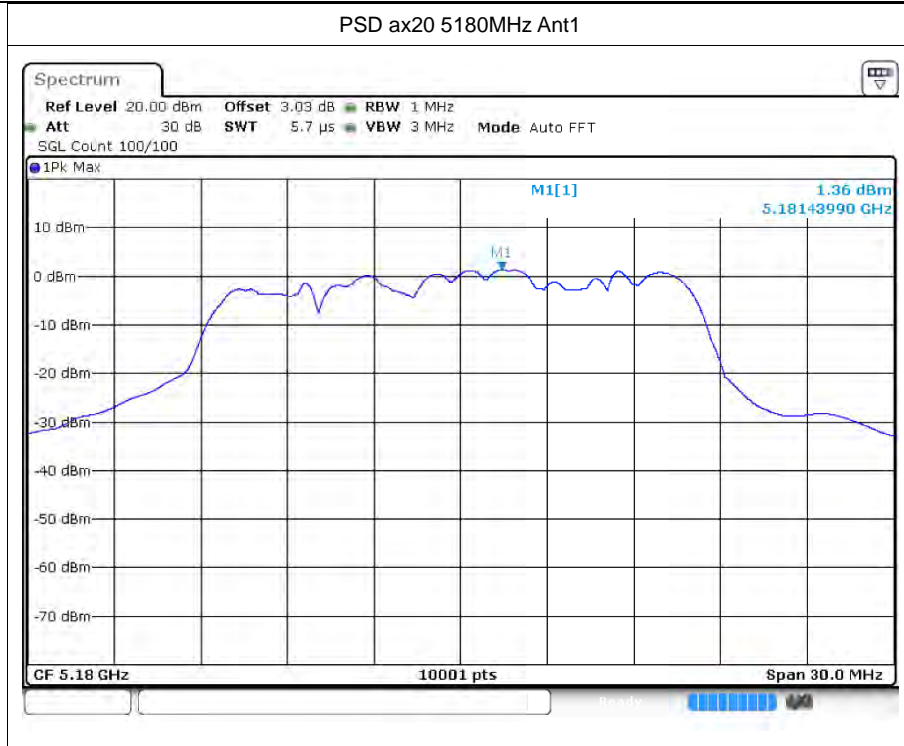


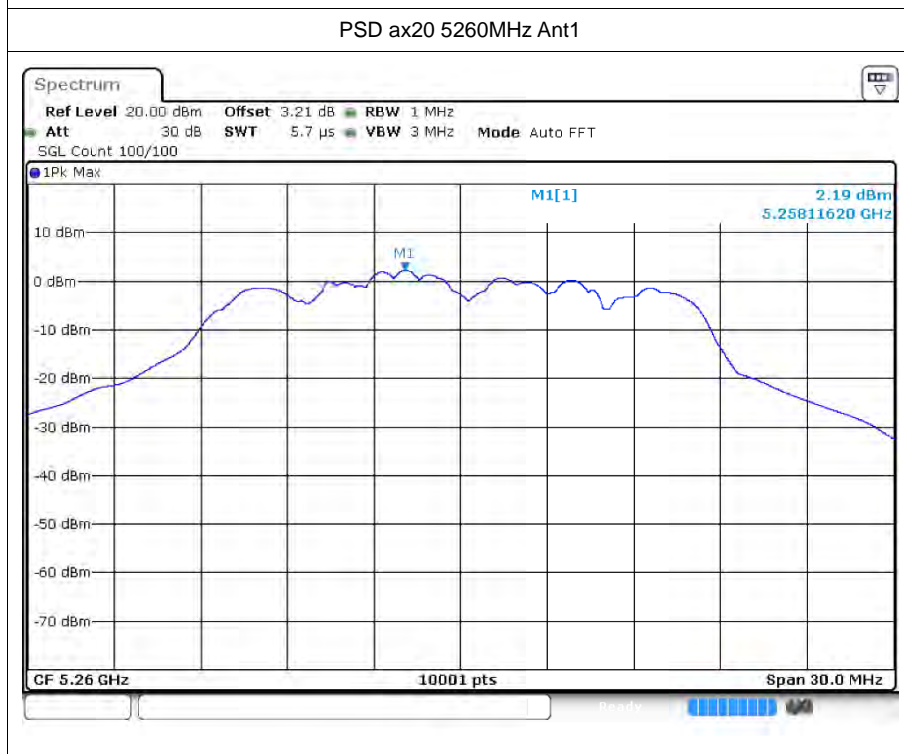
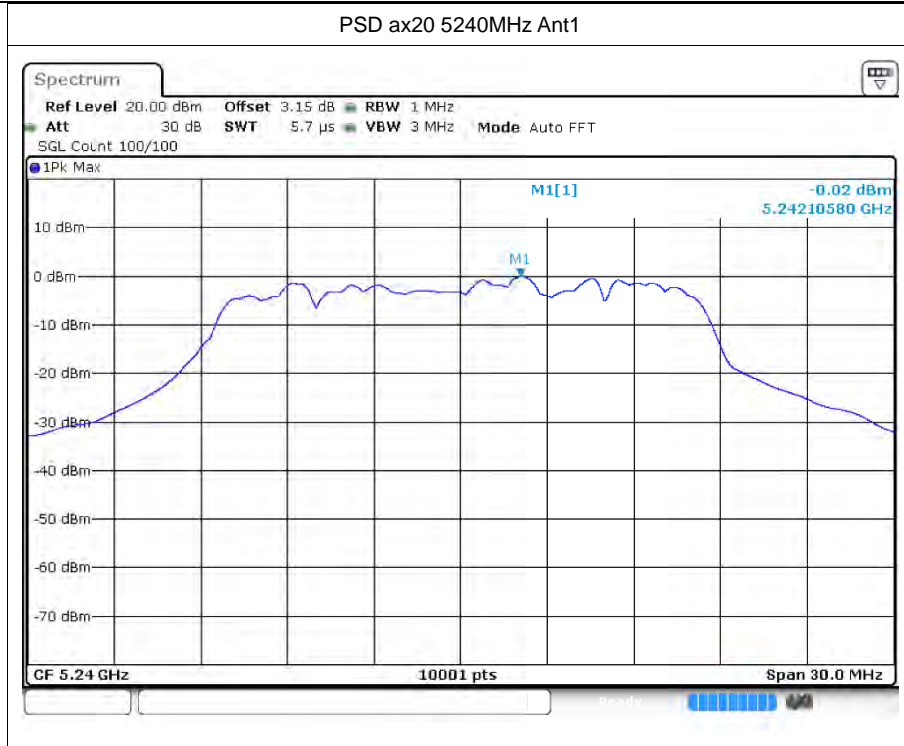


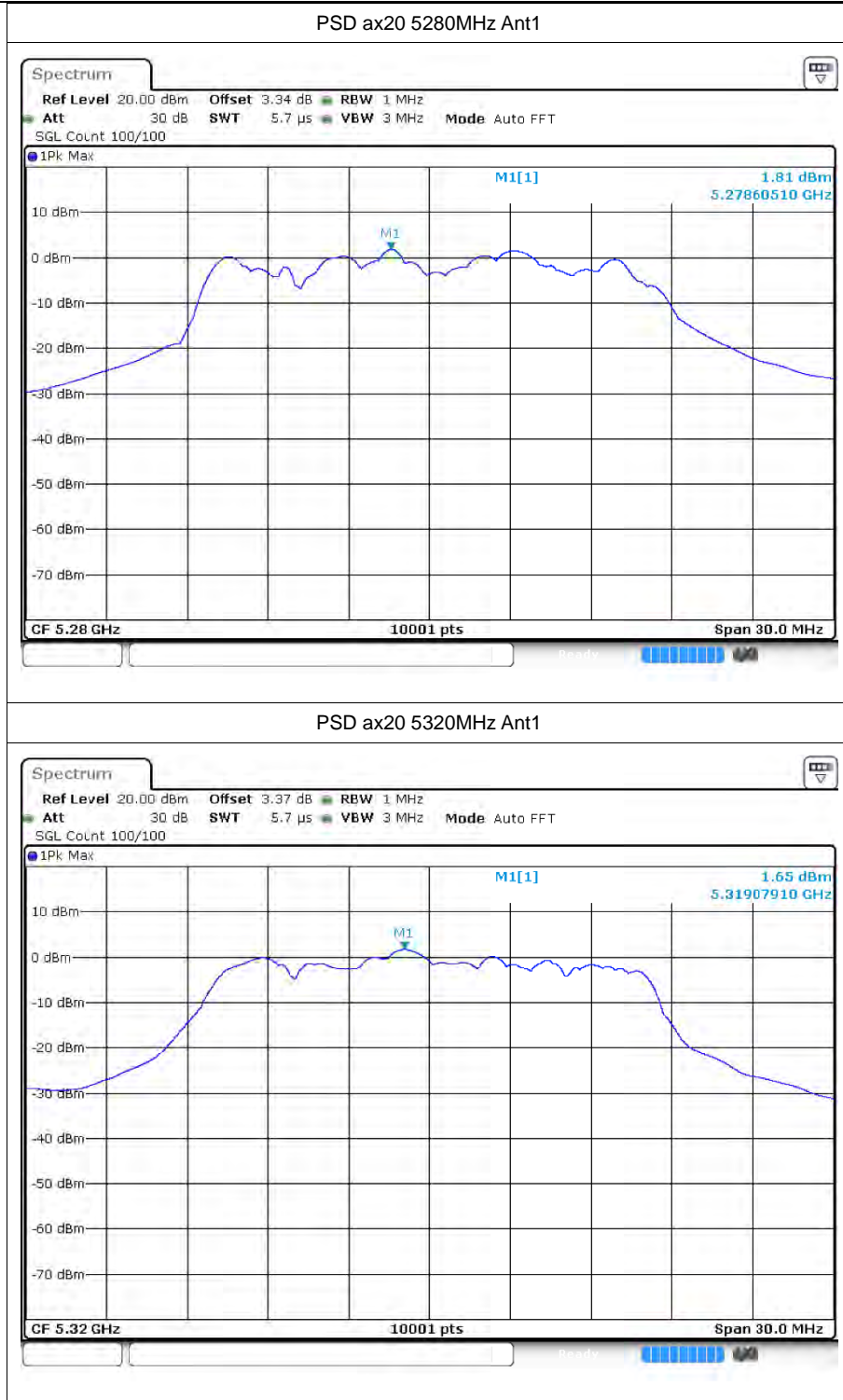


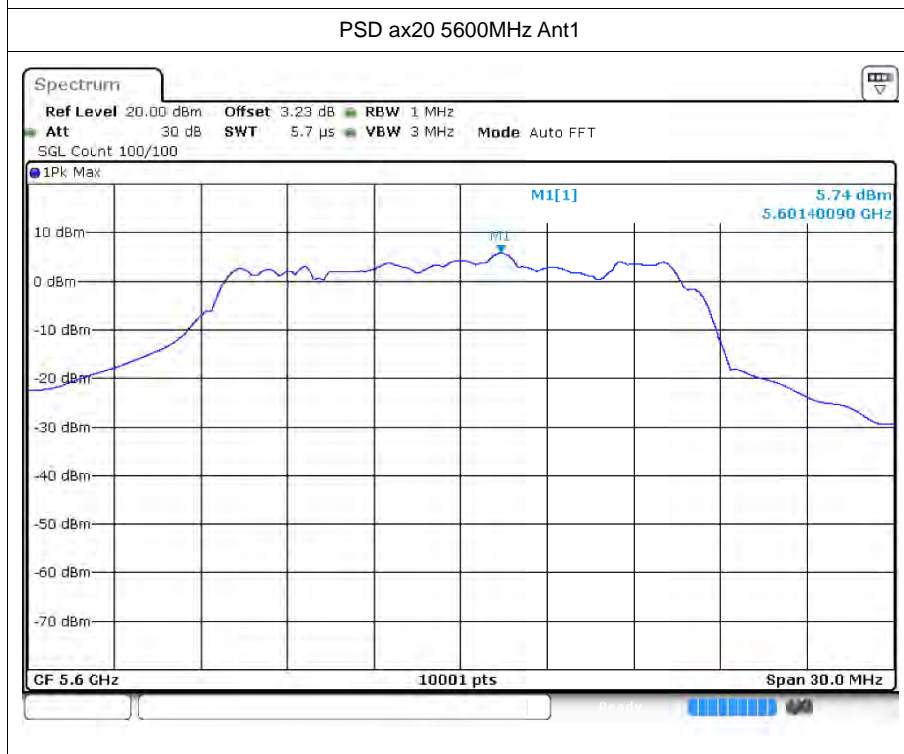
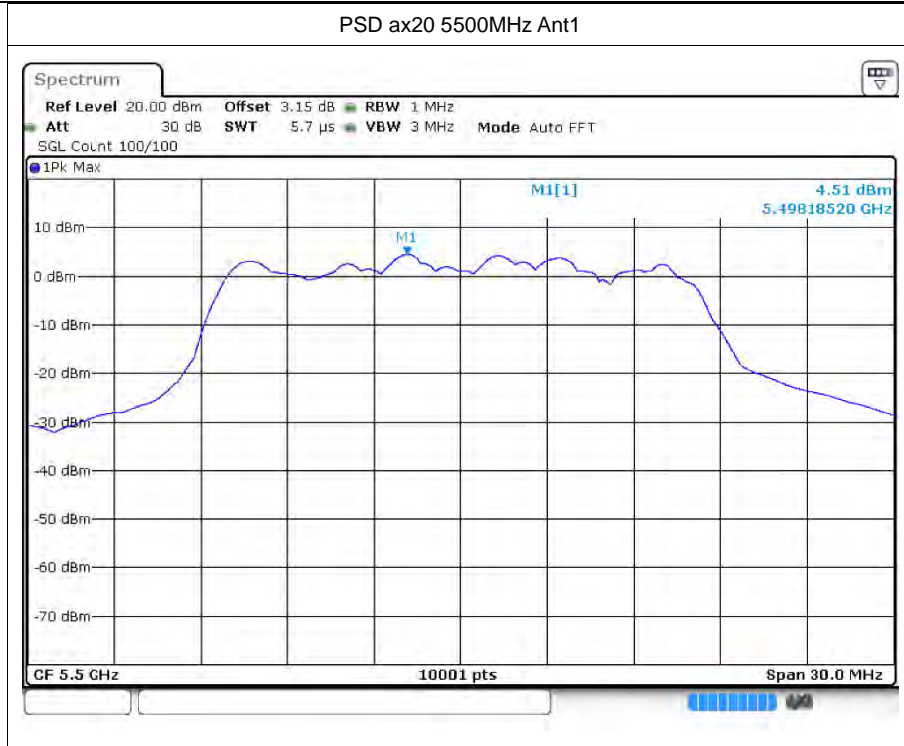


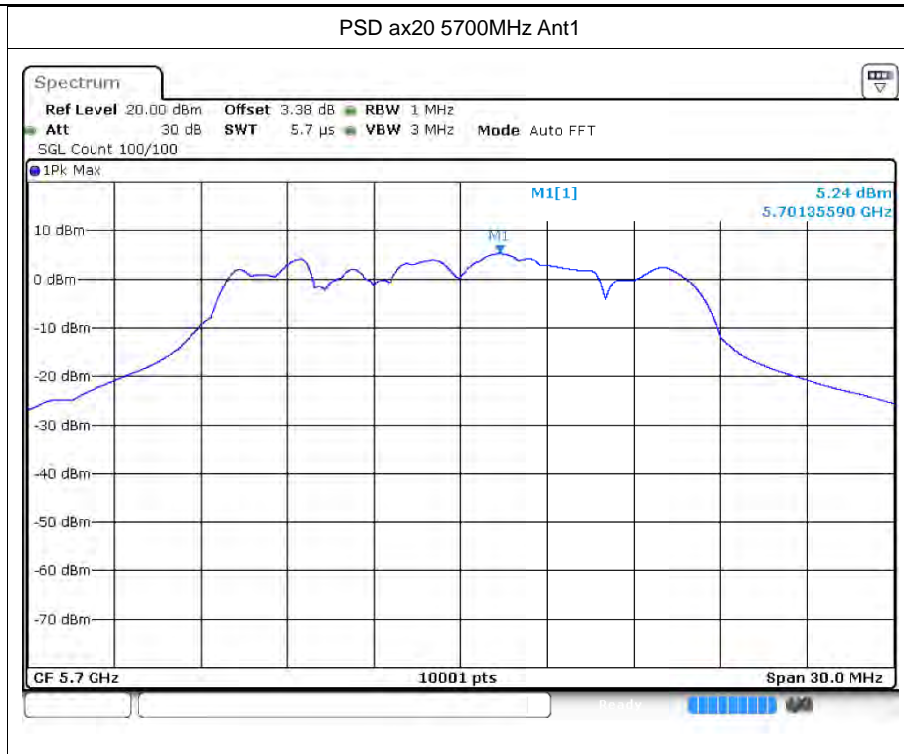


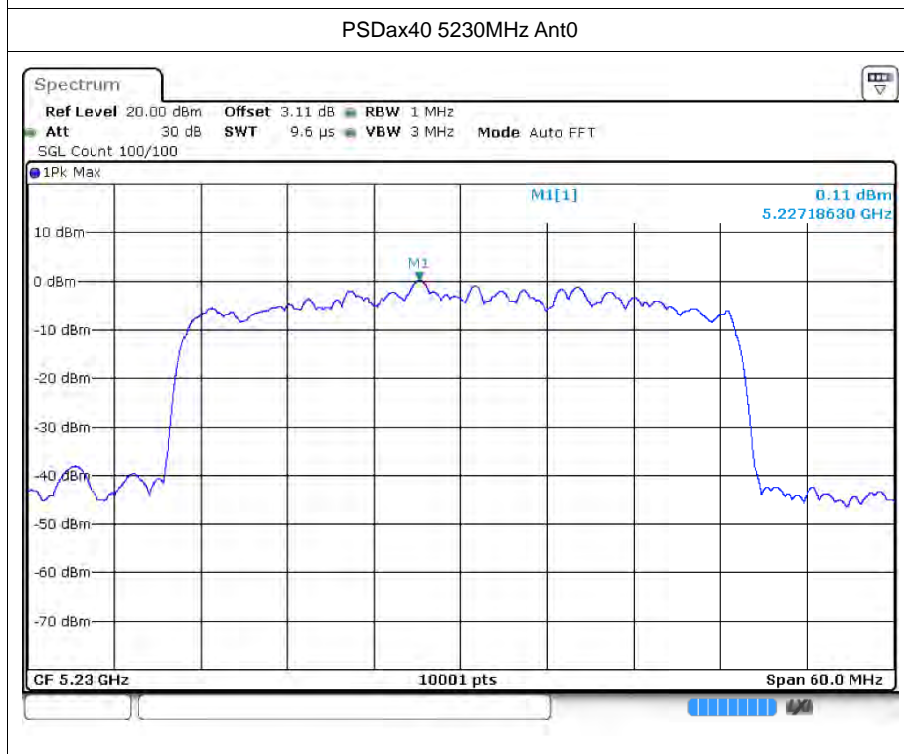
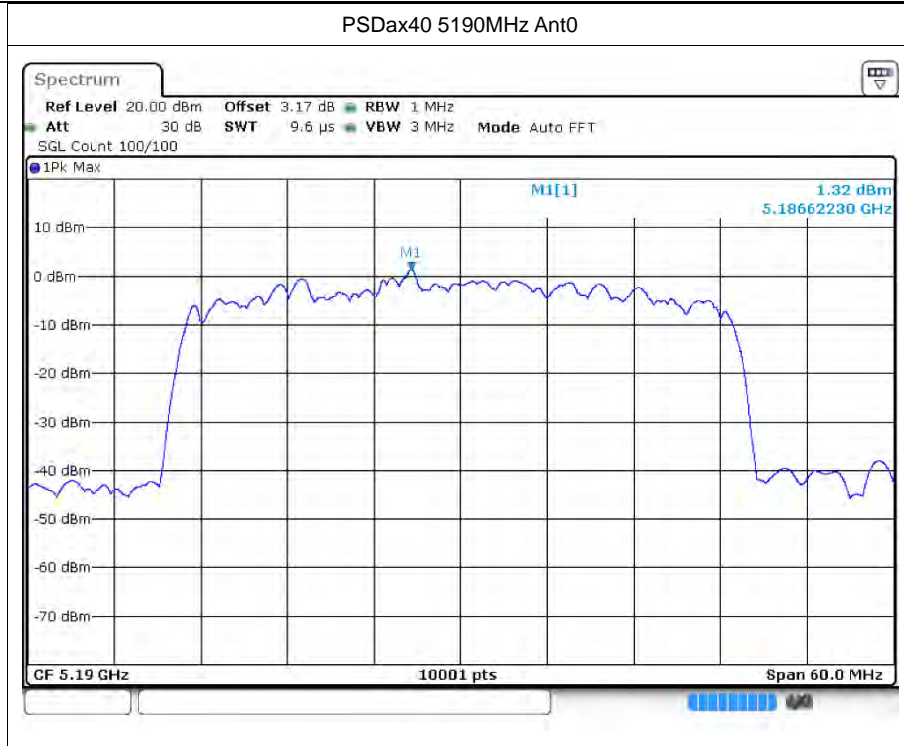


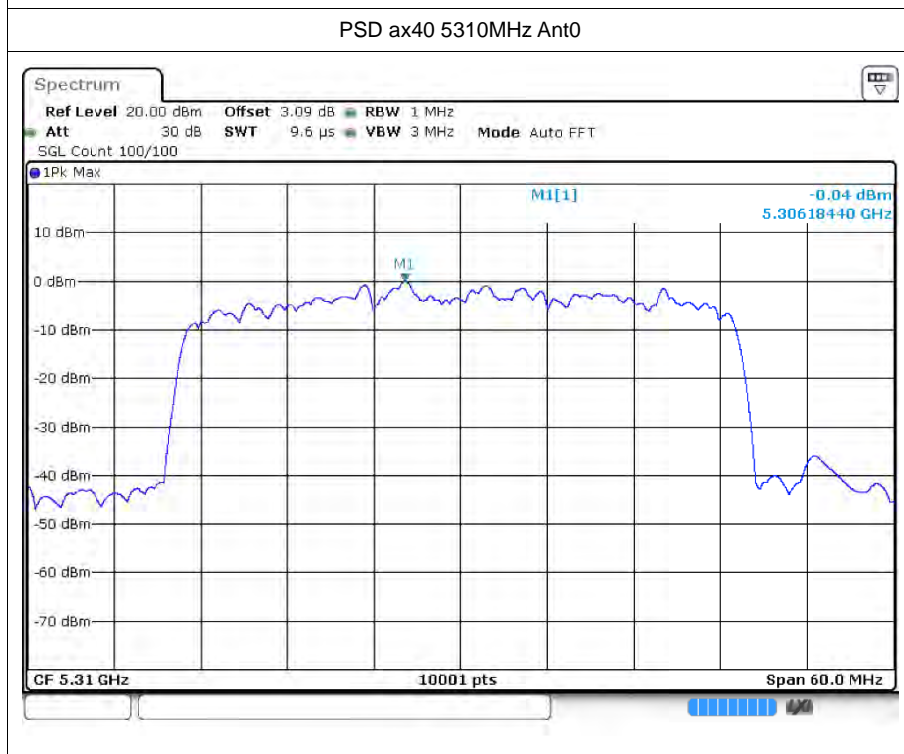
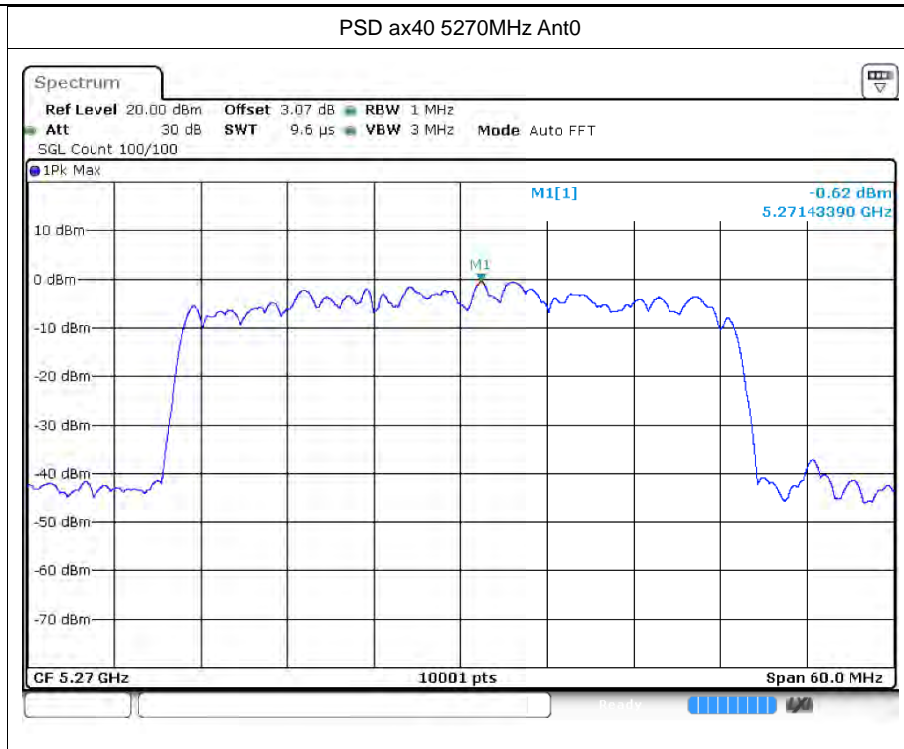


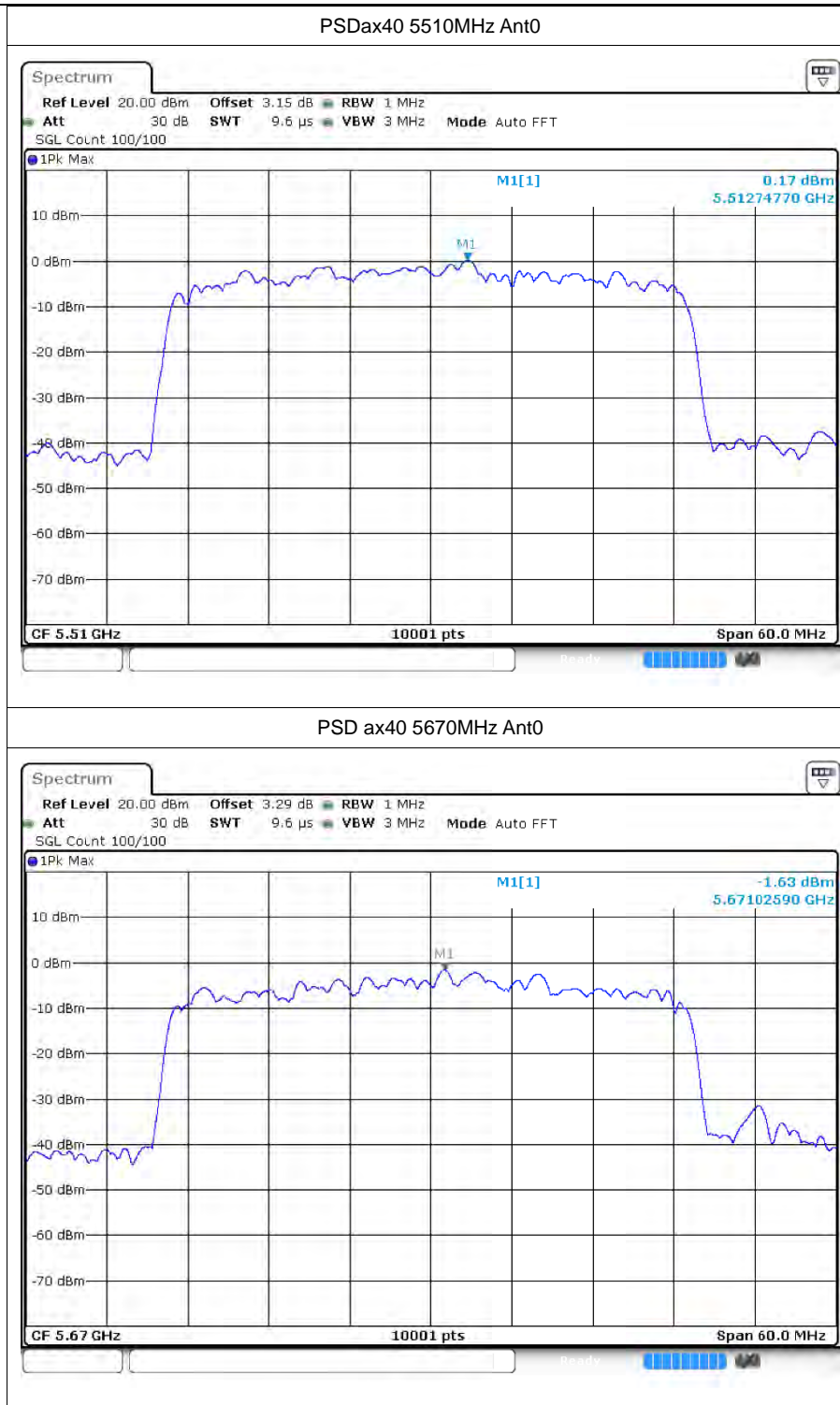


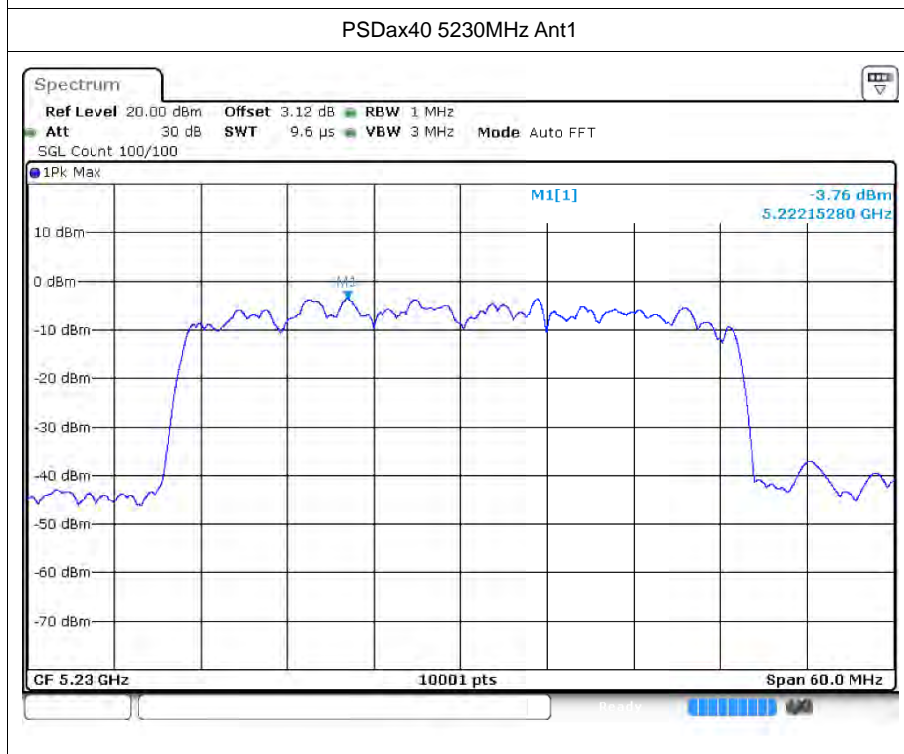
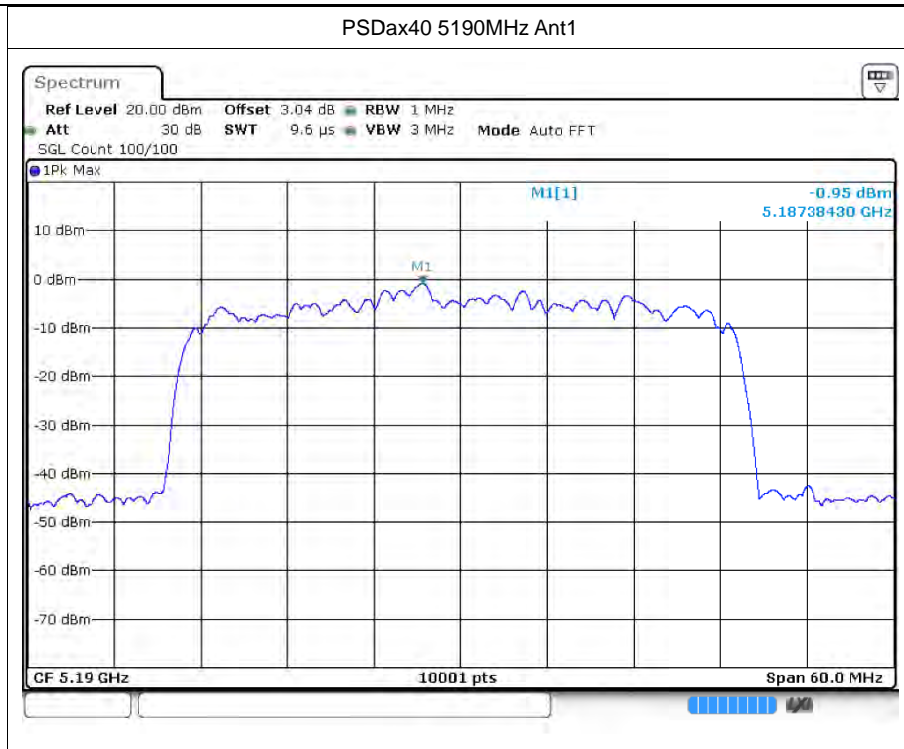


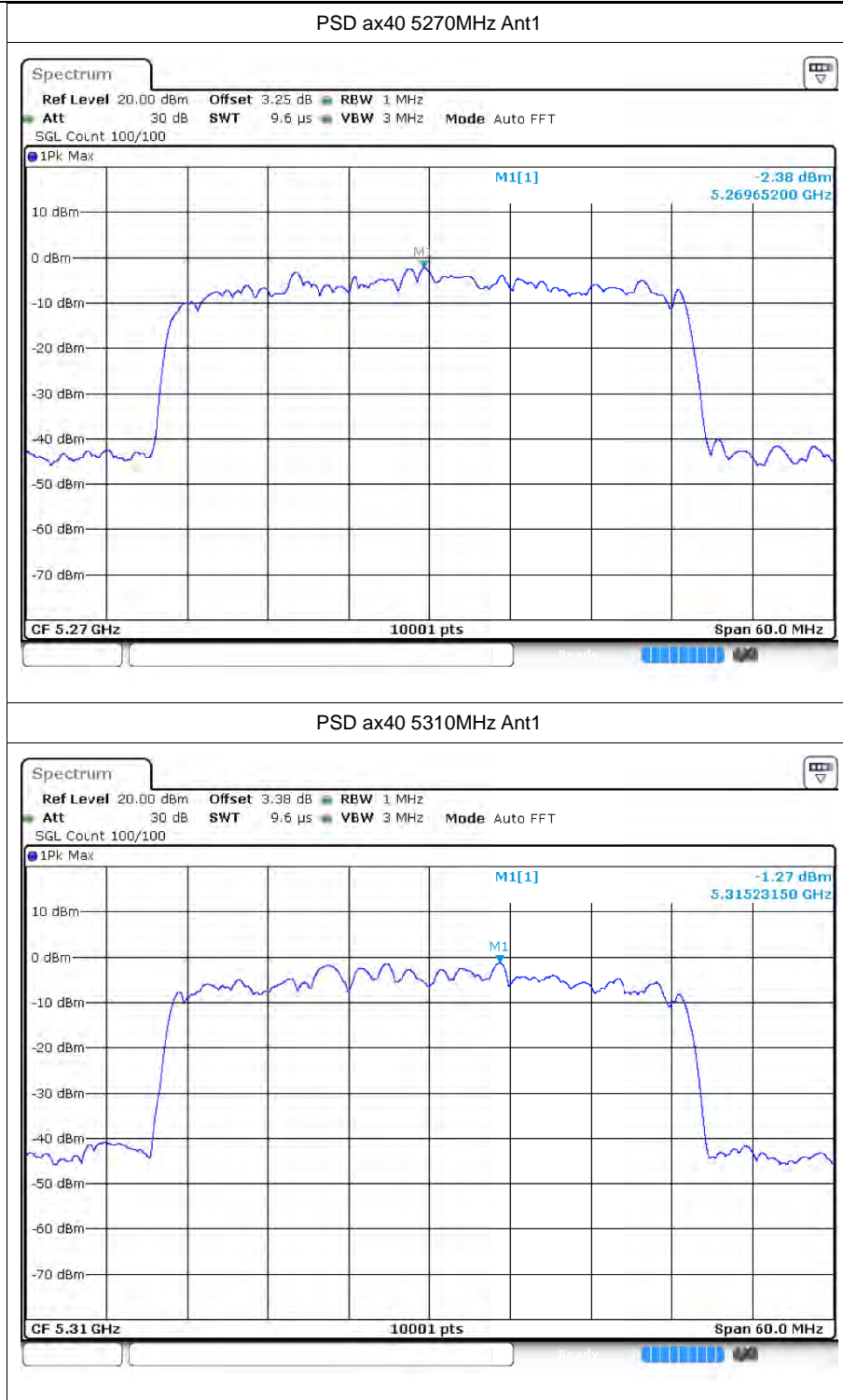


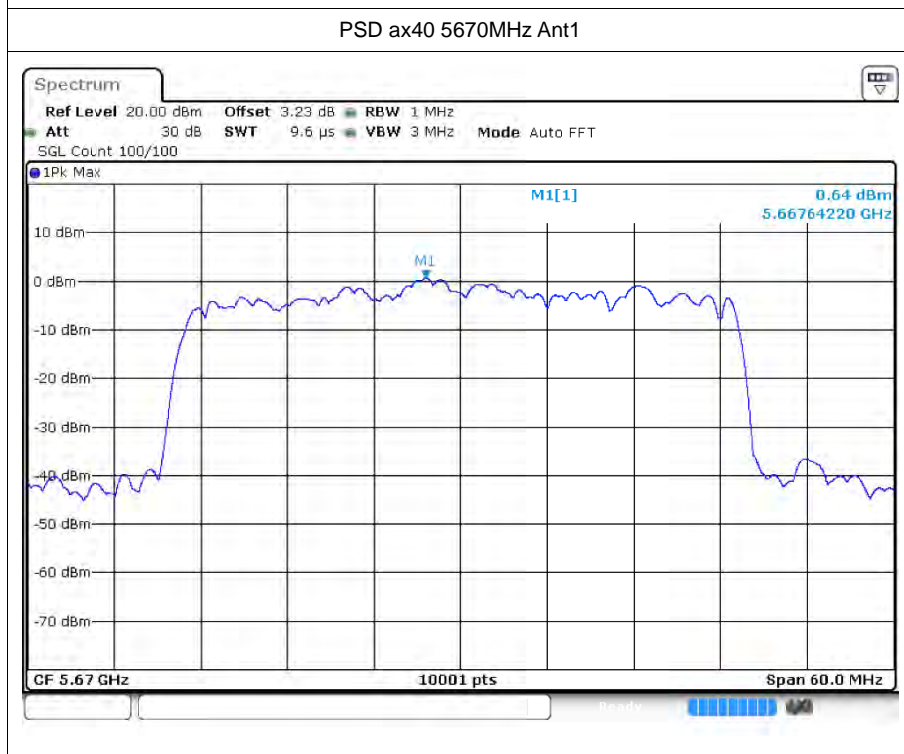
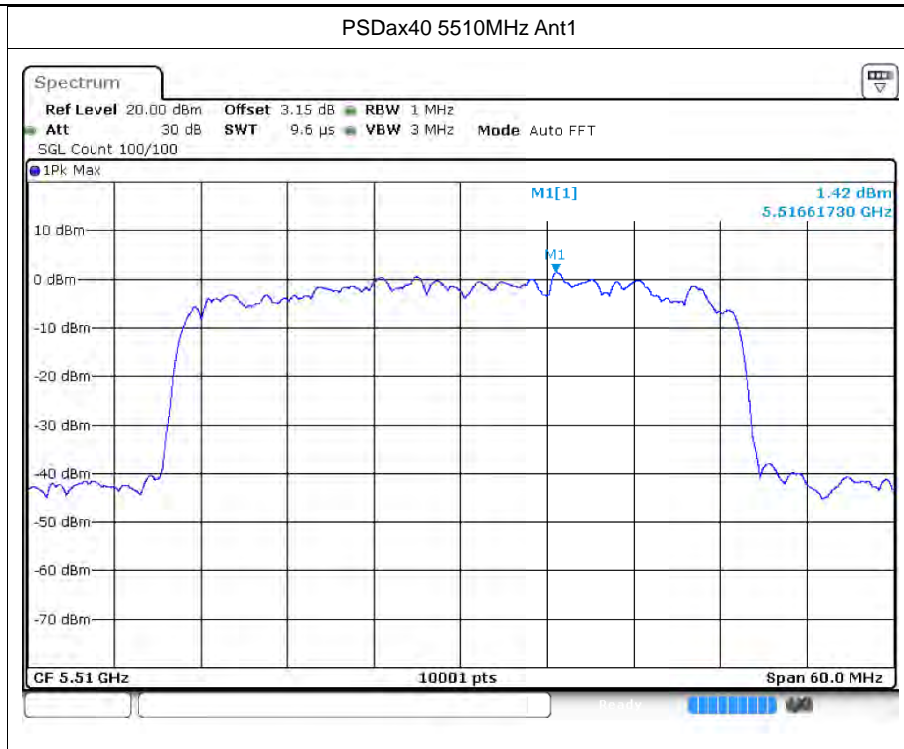


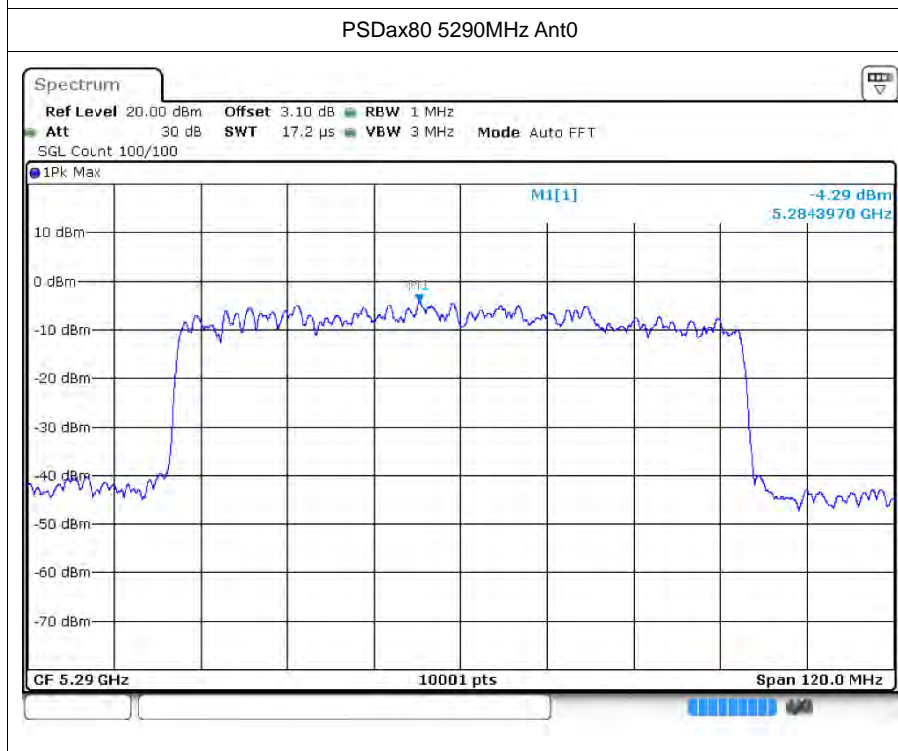
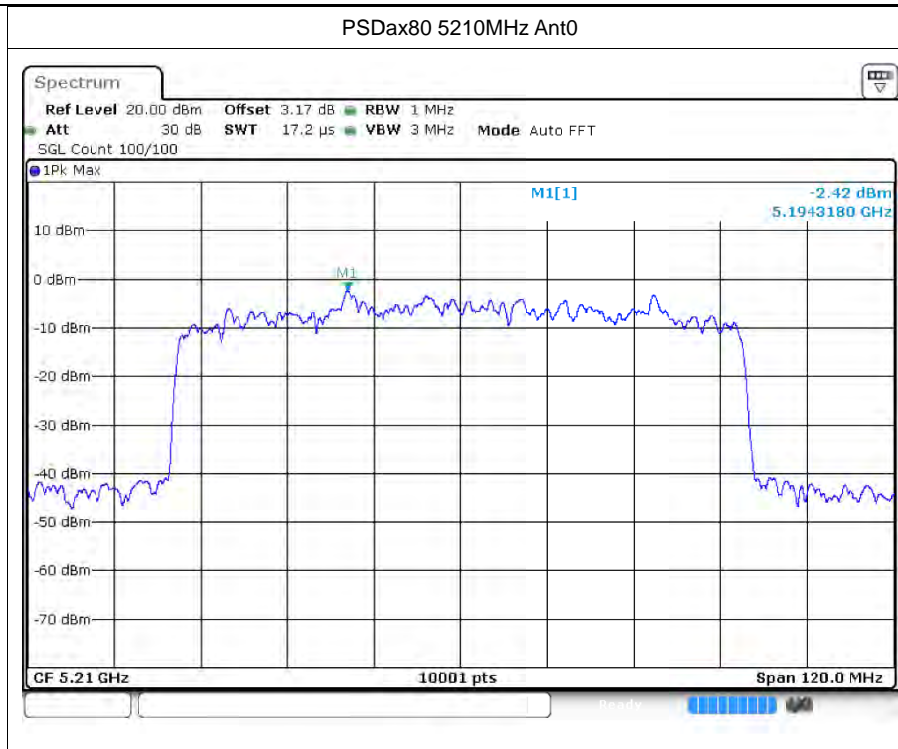


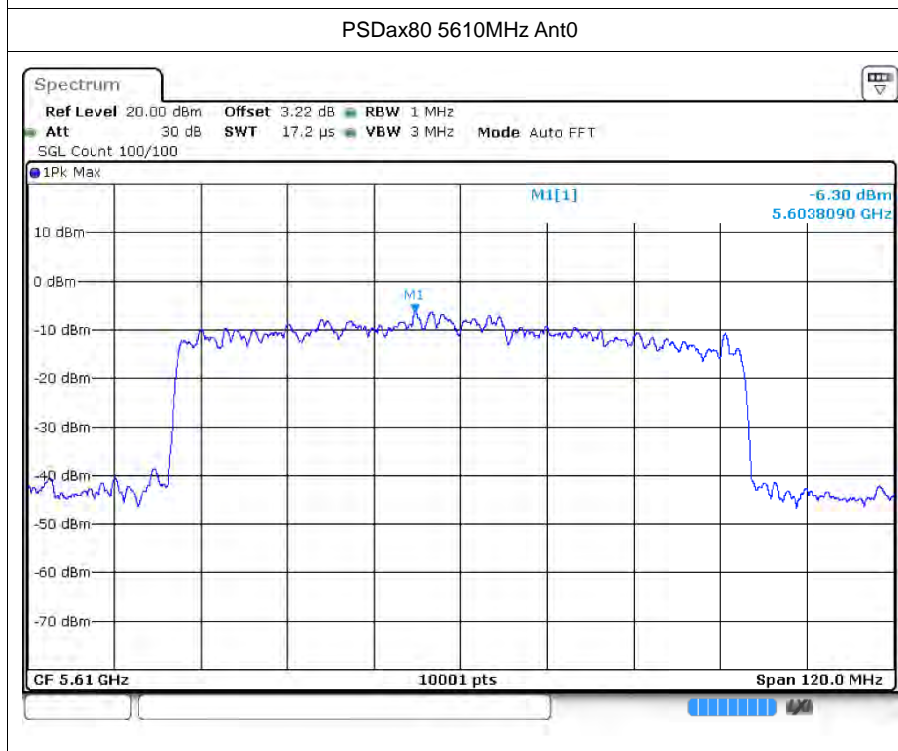
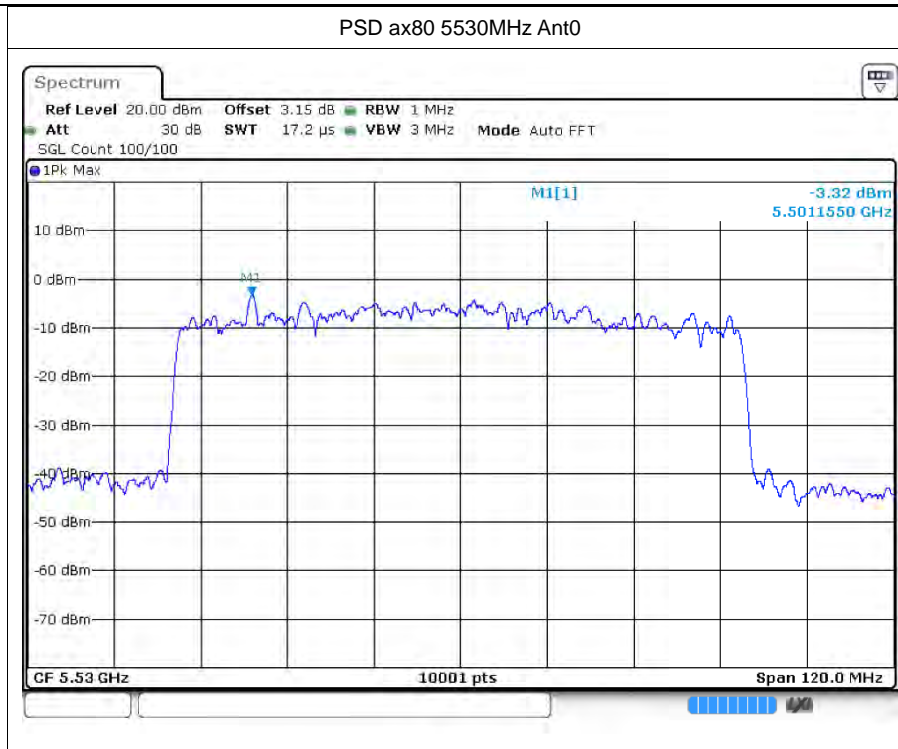


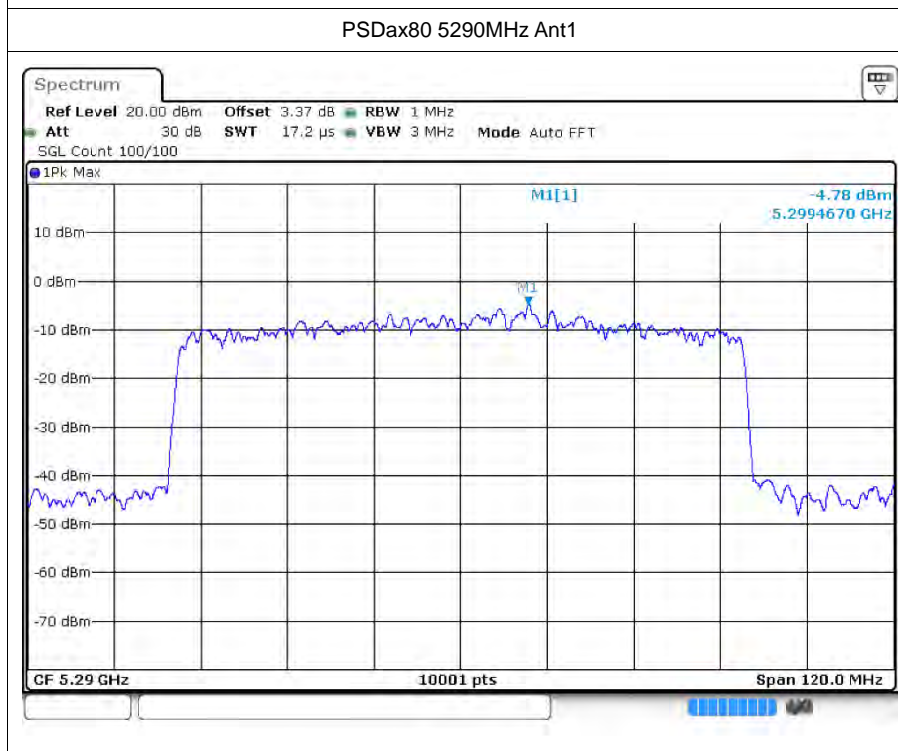
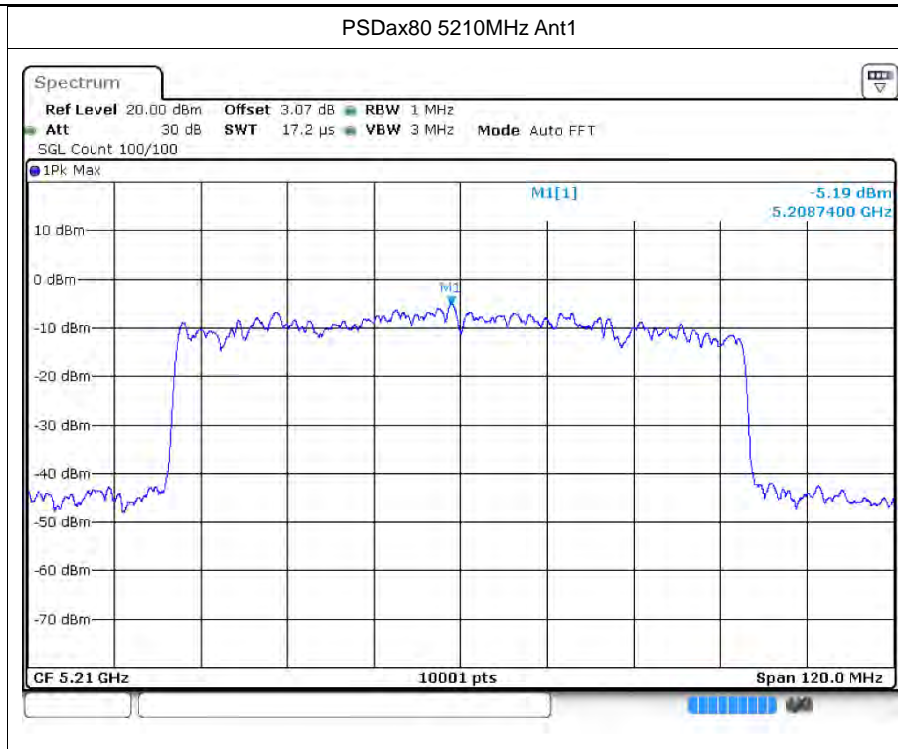


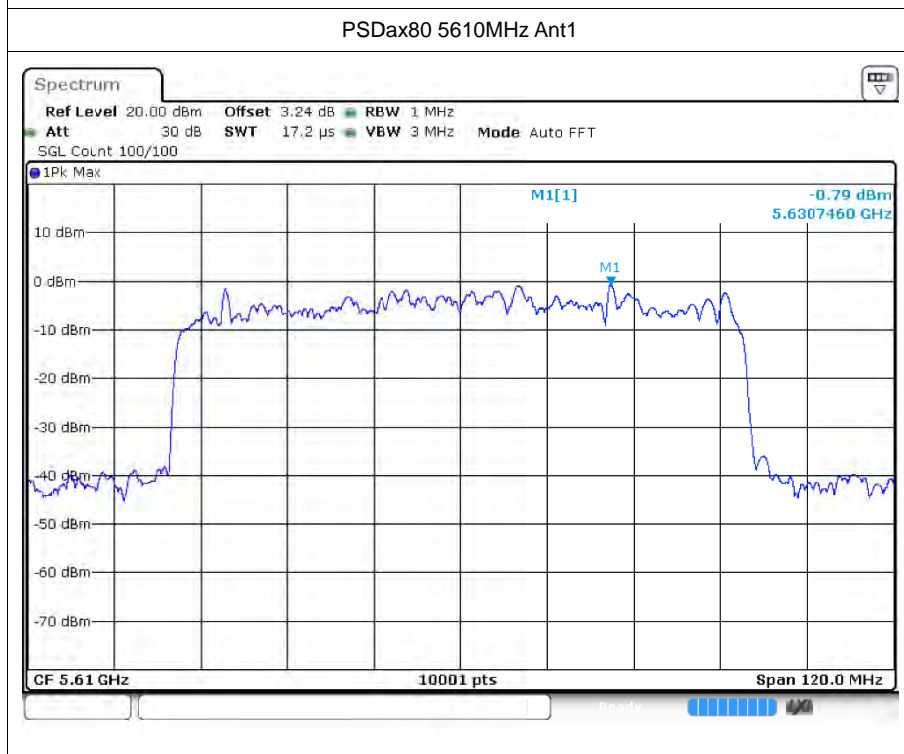
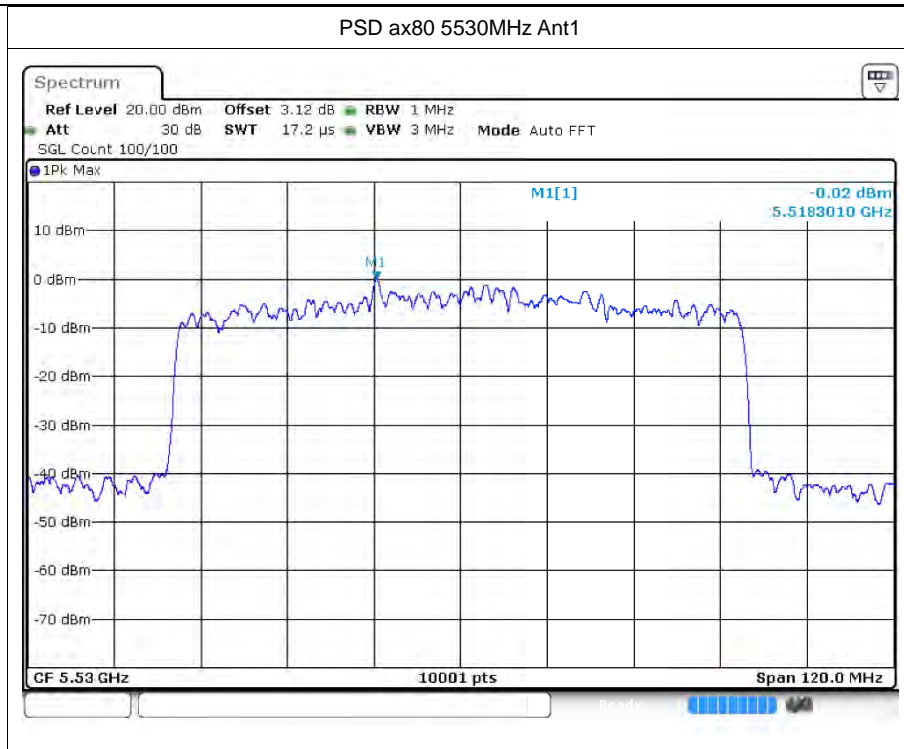














6 Frequency Stability

6.1 Test Result

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant0	5180	0	0	25	Pass
20C 120V	a	5180	Ant0	5180	0	0	25	Pass
20C 138V	a	5180	Ant0	5180	0	0	25	Pass
-20C 120V	a	5180	Ant0	5180	0	0	25	Pass
-10C 120V	a	5180	Ant0	5180	0	0	25	Pass
0C 120V	a	5180	Ant0	5180	0	0	25	Pass
10C 120V	a	5180	Ant0	5180	0	0	25	Pass
30C 120V	a	5180	Ant0	5180	0	0	25	Pass
40C 120V	a	5180	Ant0	5180	0	0	25	Pass
50C 120V	a	5180	Ant0	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5200	Ant0	5200	0	0	25	Pass
20C 120V	a	5200	Ant0	5200	0	0	25	Pass
20C 138V	a	5200	Ant0	5200.02	20000	3.85	25	Pass
-20C 120V	a	5200	Ant0	5199.98	-20000	-3.85	25	Pass
-10C 120V	a	5200	Ant0	5200.02	20000	3.85	25	Pass
0C 120V	a	5200	Ant0	5200	0	0	25	Pass
10C 120V	a	5200	Ant0	5200	0	0	25	Pass
30C 120V	a	5200	Ant0	5200.02	20000	3.85	25	Pass
40C 120V	a	5200	Ant0	5200.02	20000	3.85	25	Pass
20C 102V	a	5200	Ant0	5200	0	0	25	Pass
20C 102V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
20C 120V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
20C 138V	a	5240	Ant0	5239.98	-20000	-3.82	25	Pass
-20C 120V	a	5240	Ant0	5240	0	0	25	Pass
-10C 120V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
0C 120V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
10C 120V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
30C 120V	a	5240	Ant0	5240	0	0	25	Pass
40C 120V	a	5240	Ant0	5240	0	0	25	Pass
50C 120V	a	5240	Ant0	5240.02	20000	3.82	25	Pass
20C 102V	a	5260	Ant0	5260	0	0	25	Pass
20C 120V	a	5260	Ant0	5260	0	0	25	Pass
20C 138V	a	5260	Ant0	5260	0	0	25	Pass
-20C 120V	a	5260	Ant0	5260.02	20000	3.8	25	Pass
-10C 120V	a	5260	Ant0	5260	0	0	25	Pass
0C 120V	a	5260	Ant0	5260	0	0	25	Pass