

9 Appendix

9.1 Appendix 15.407

1.Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	25.620	---	PASS
11A	5180	Ant2	25.020	---	PASS
11A	5220	Ant1	27.060	---	PASS
11A	5220	Ant2	25.020	---	PASS
11A	5240	Ant1	26.190	---	PASS
11A	5240	Ant2	25.650	---	PASS
11A	5745	Ant1	16.050	≥ 0.5	PASS
11A	5745	Ant2	15.690	≥ 0.5	PASS
11A	5785	Ant1	15.720	≥ 0.5	PASS
11A	5785	Ant2	15.510	≥ 0.5	PASS
11A	5825	Ant1	15.510	≥ 0.5	PASS
11A	5825	Ant2	15.510	≥ 0.5	PASS
11N20	5180	Ant1	21.690	---	PASS
11AC20	5180	Ant1	22.320	---	PASS
11N20	5180	Ant2	21.690	---	PASS
11AC20	5180	Ant2	21.600	---	PASS
11N40	5190	Ant1	41.100	---	PASS
11AC40	5190	Ant1	41.040	---	PASS
11AC40	5190	Ant2	41.820	---	PASS
11N40	5190	Ant2	41.820	---	PASS
11AC80	5210	Ant1	92.400	---	PASS
11AC80	5210	Ant2	92.640	---	PASS
11AC20	5220	Ant1	21.570	---	PASS
11N20	5220	Ant1	25.320	---	PASS
11N20	5220	Ant2	21.780	---	PASS
11AC20	5220	Ant2	21.840	---	PASS
11N40	5230	Ant1	45.720	---	PASS
11AC40	5230	Ant1	44.220	---	PASS
11N40	5230	Ant2	44.460	---	PASS

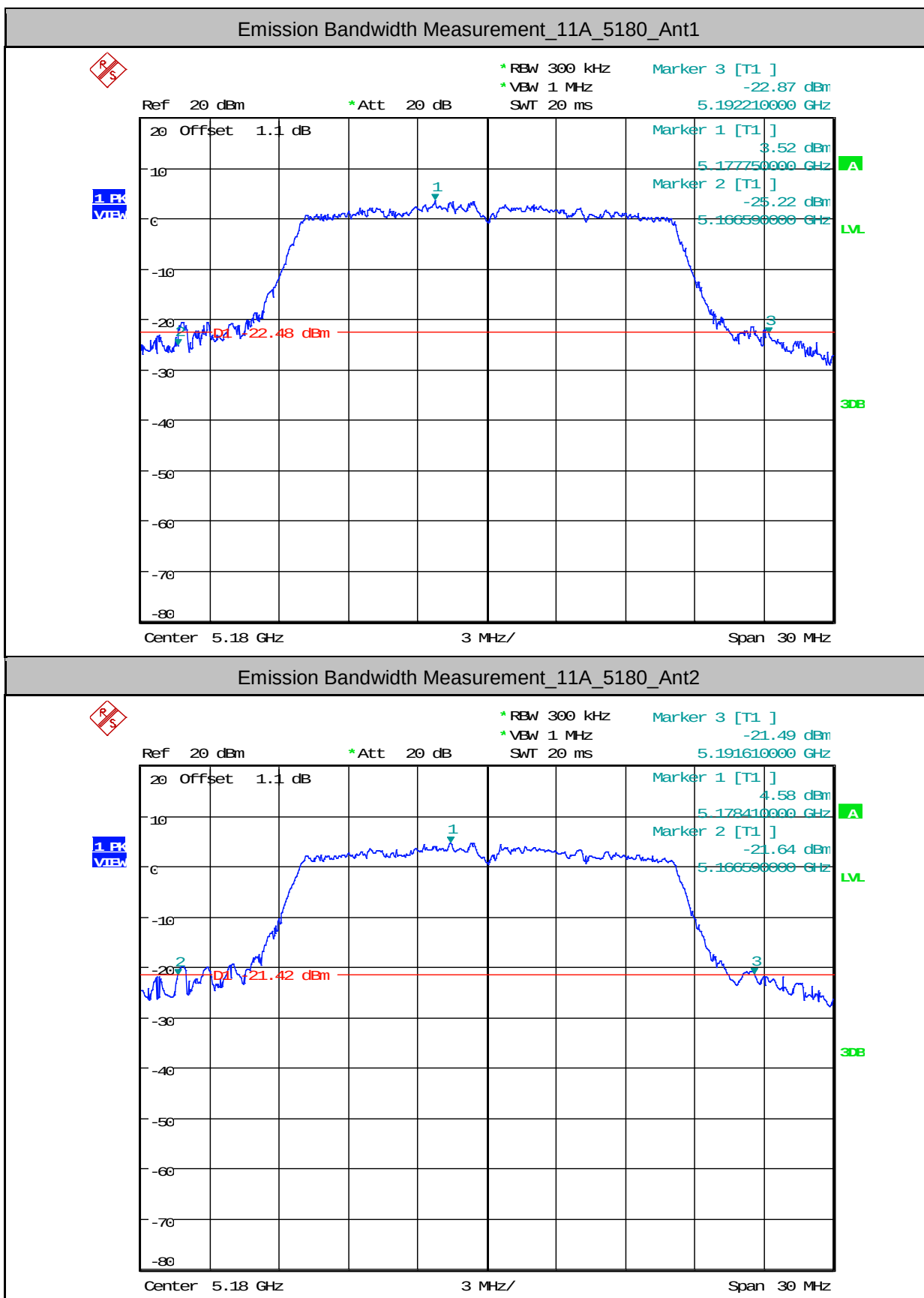


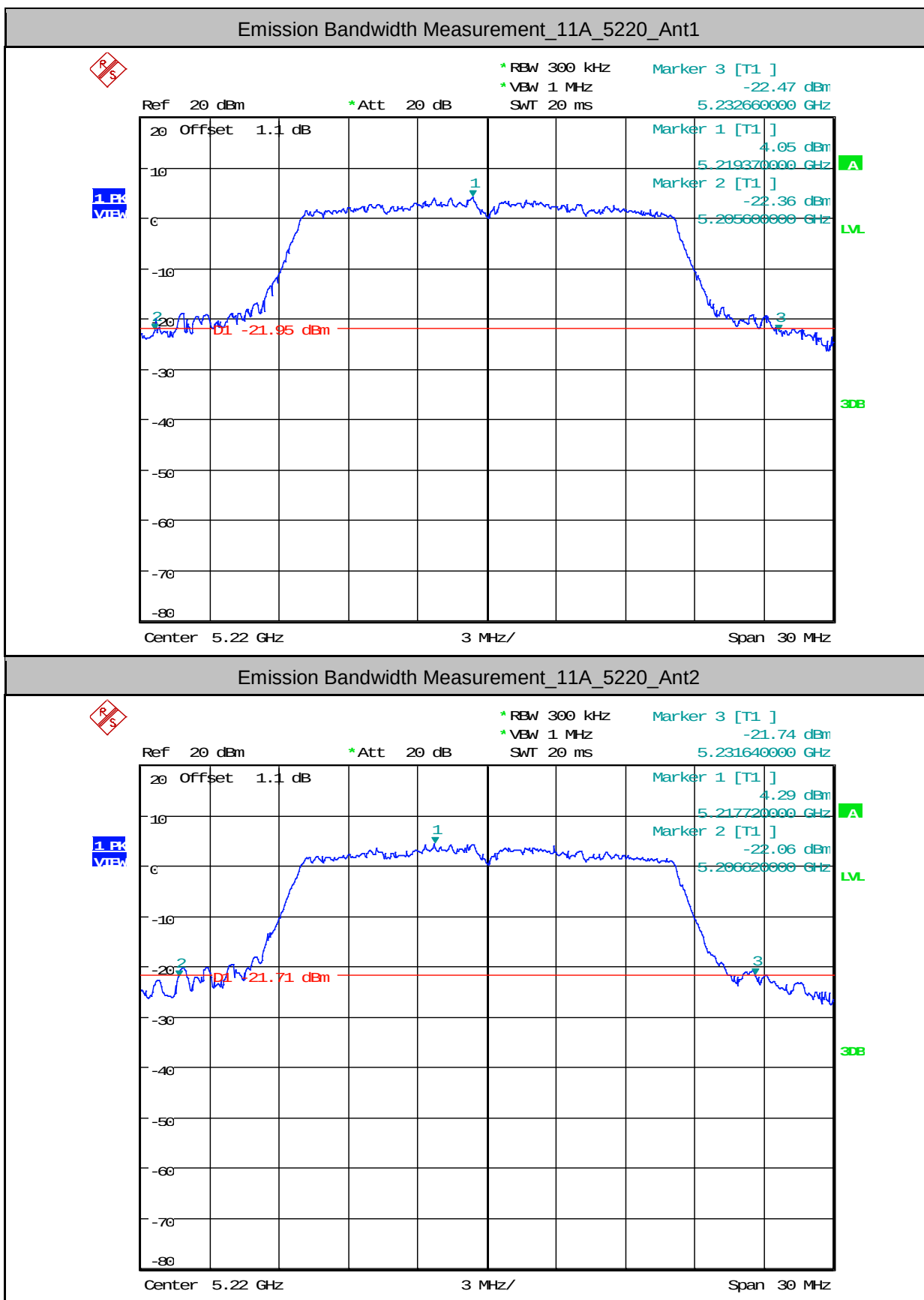
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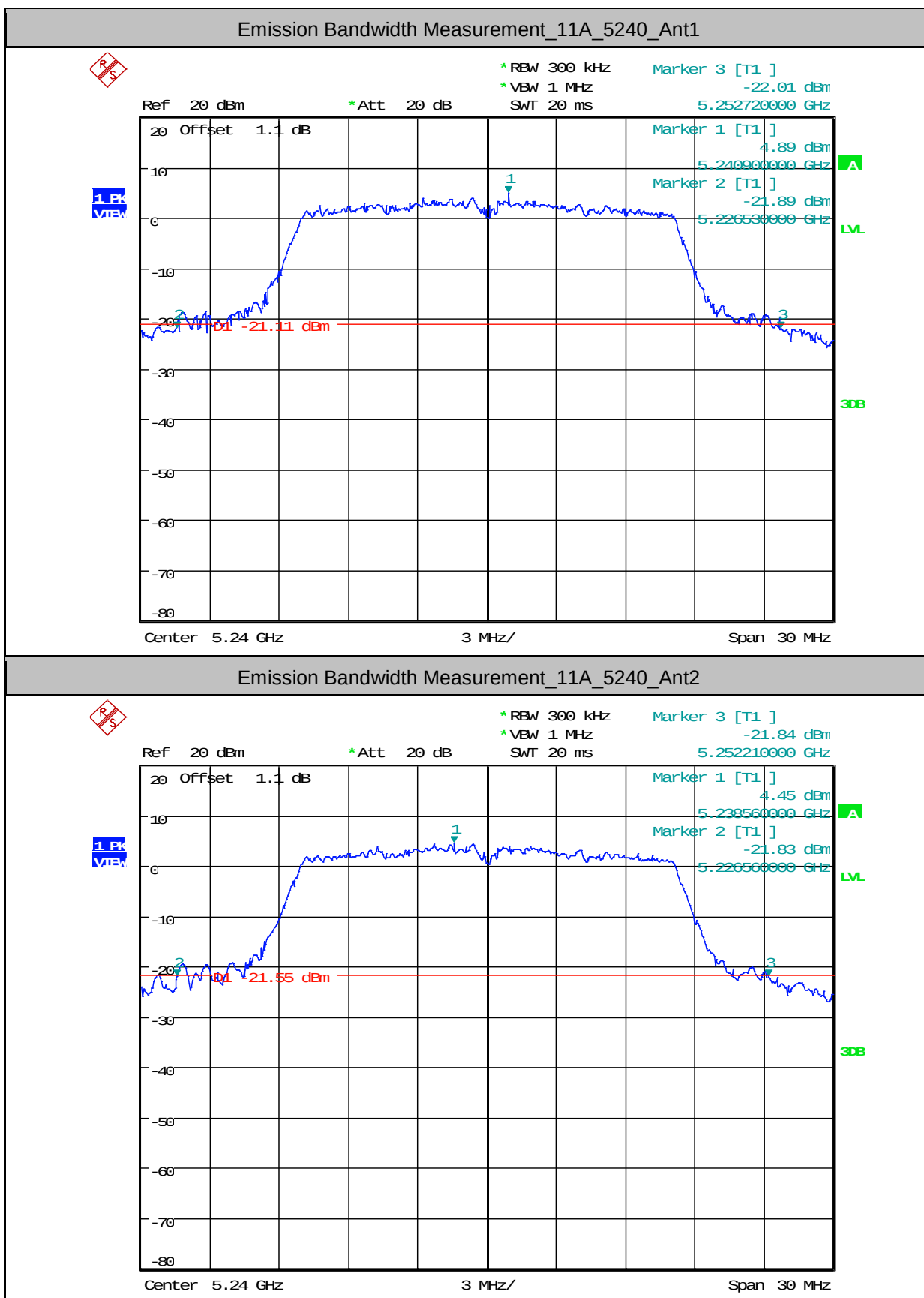
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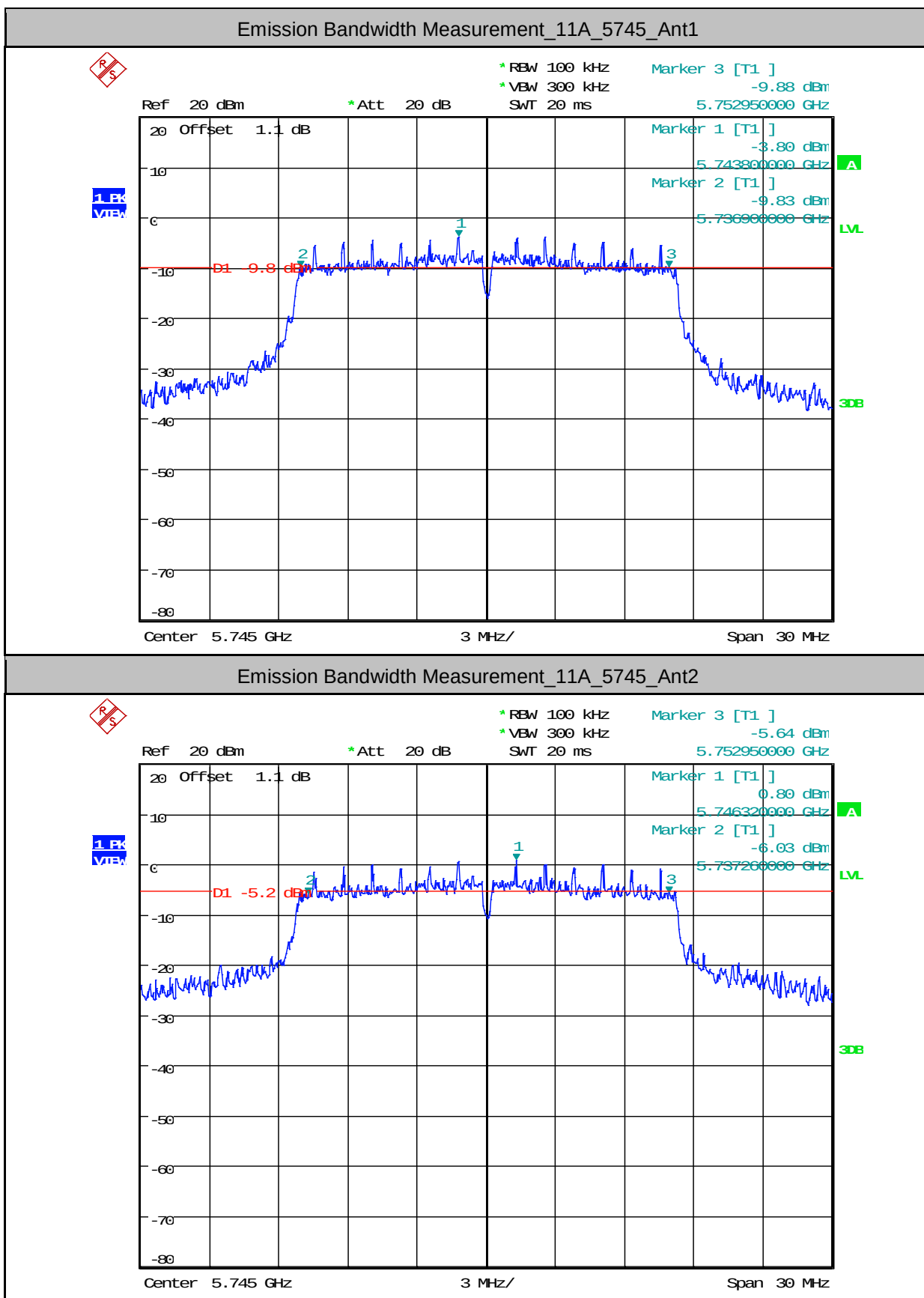
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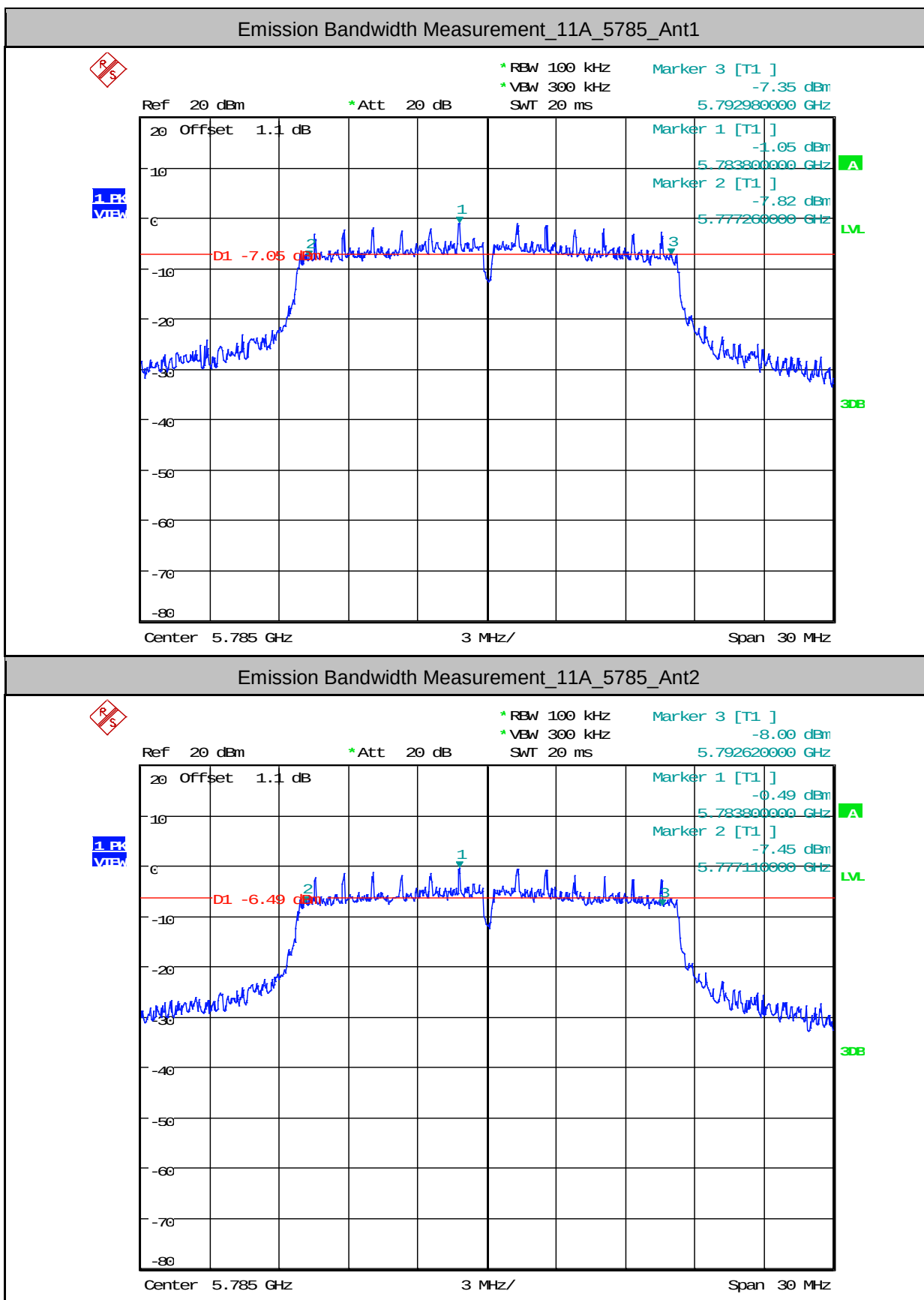
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11AC20	5240	Ant1	22.260	---	PASS
11N20	5240	Ant1	25.020	---	PASS
11AC20	5240	Ant2	21.330	---	PASS
11N20	5240	Ant2	21.720	---	PASS
11AC20	5745	Ant1	16.050	>=0.5	PASS
11N20	5745	Ant1	16.560	>=0.5	PASS
11N20	5745	Ant2	16.980	>=0.5	PASS
11AC20	5745	Ant2	15.570	>=0.5	PASS
11AC40	5755	Ant1	35.280	>=0.5	PASS
11N40	5755	Ant1	35.280	>=0.5	PASS
11N40	5755	Ant2	35.280	>=0.5	PASS
11AC40	5755	Ant2	35.280	>=0.5	PASS
11AC80	5775	Ant1	74.160	>=0.5	PASS
11AC80	5775	Ant2	74.160	>=0.5	PASS
11N20	5785	Ant1	16.080	>=0.5	PASS
11AC20	5785	Ant1	16.560	>=0.5	PASS
11AC20	5785	Ant2	16.440	>=0.5	PASS
11N20	5785	Ant2	16.710	>=0.5	PASS
11N40	5795	Ant1	35.280	>=0.5	PASS
11AC40	5795	Ant1	35.580	>=0.5	PASS
11AC40	5795	Ant2	35.280	>=0.5	PASS
11N40	5795	Ant2	35.280	>=0.5	PASS
11AC20	5825	Ant1	16.050	>=0.5	PASS
11N20	5825	Ant1	16.320	>=0.5	PASS
11N20	5825	Ant2	16.590	>=0.5	PASS
11AC20	5825	Ant2	16.560	>=0.5	PASS

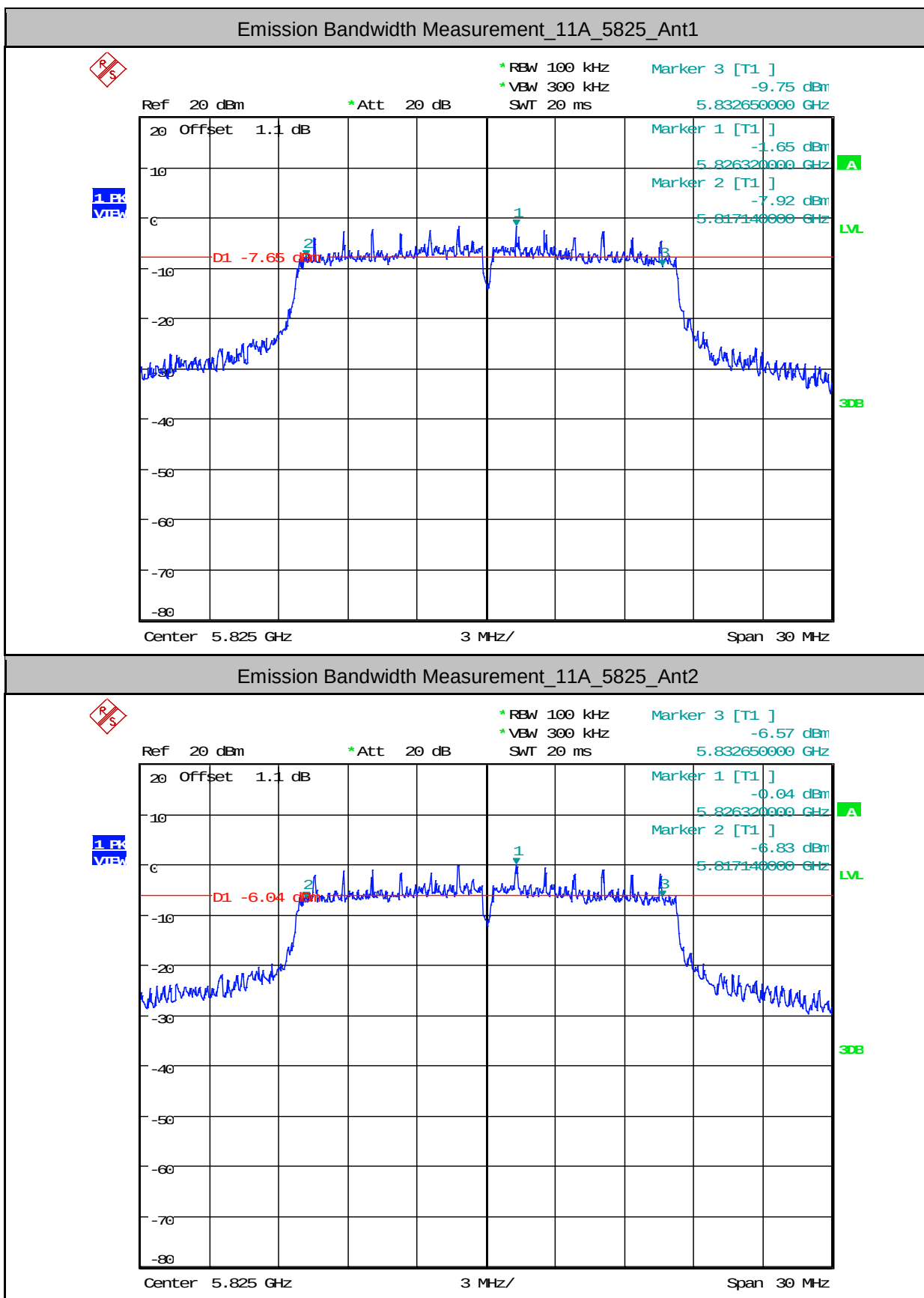


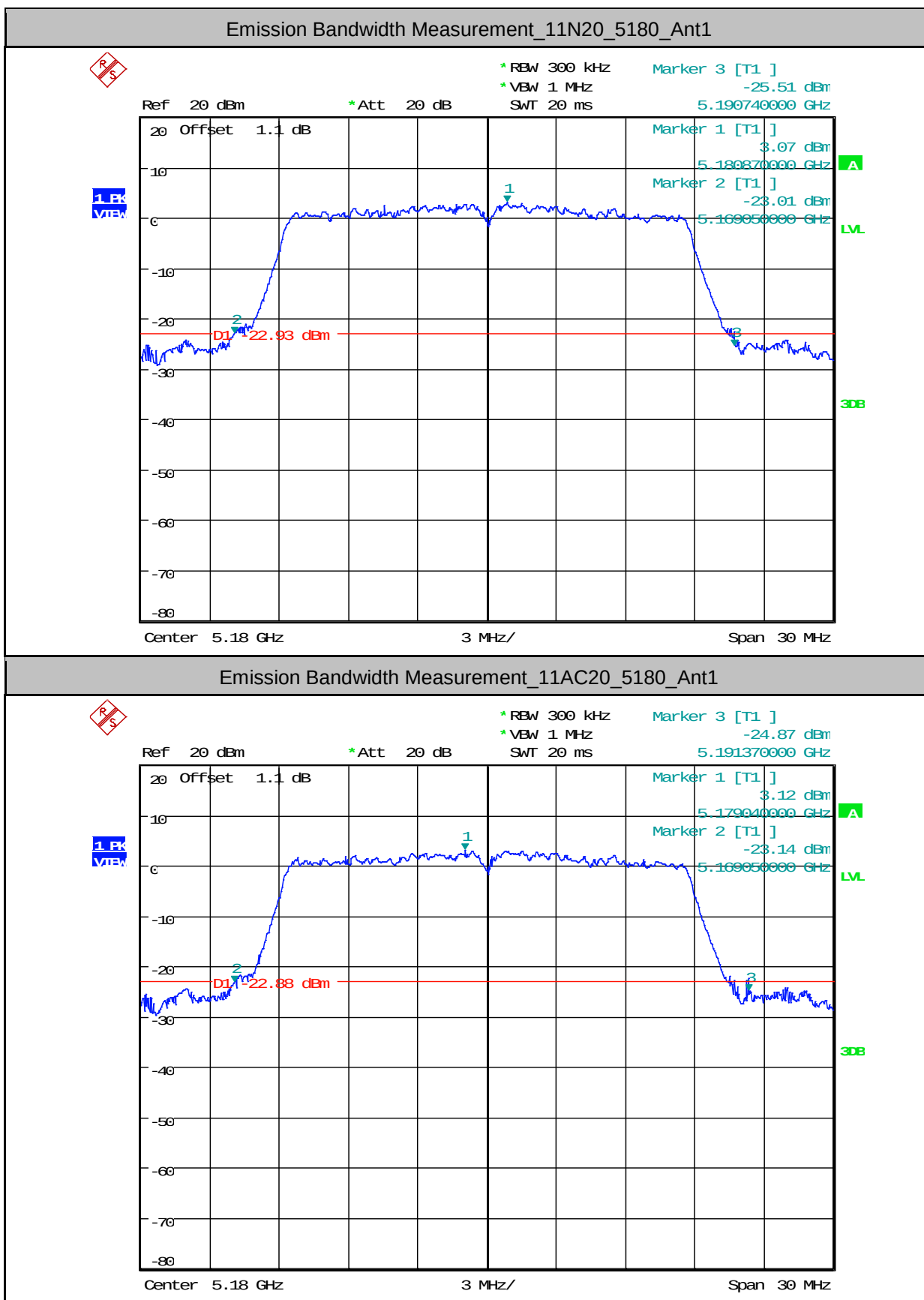


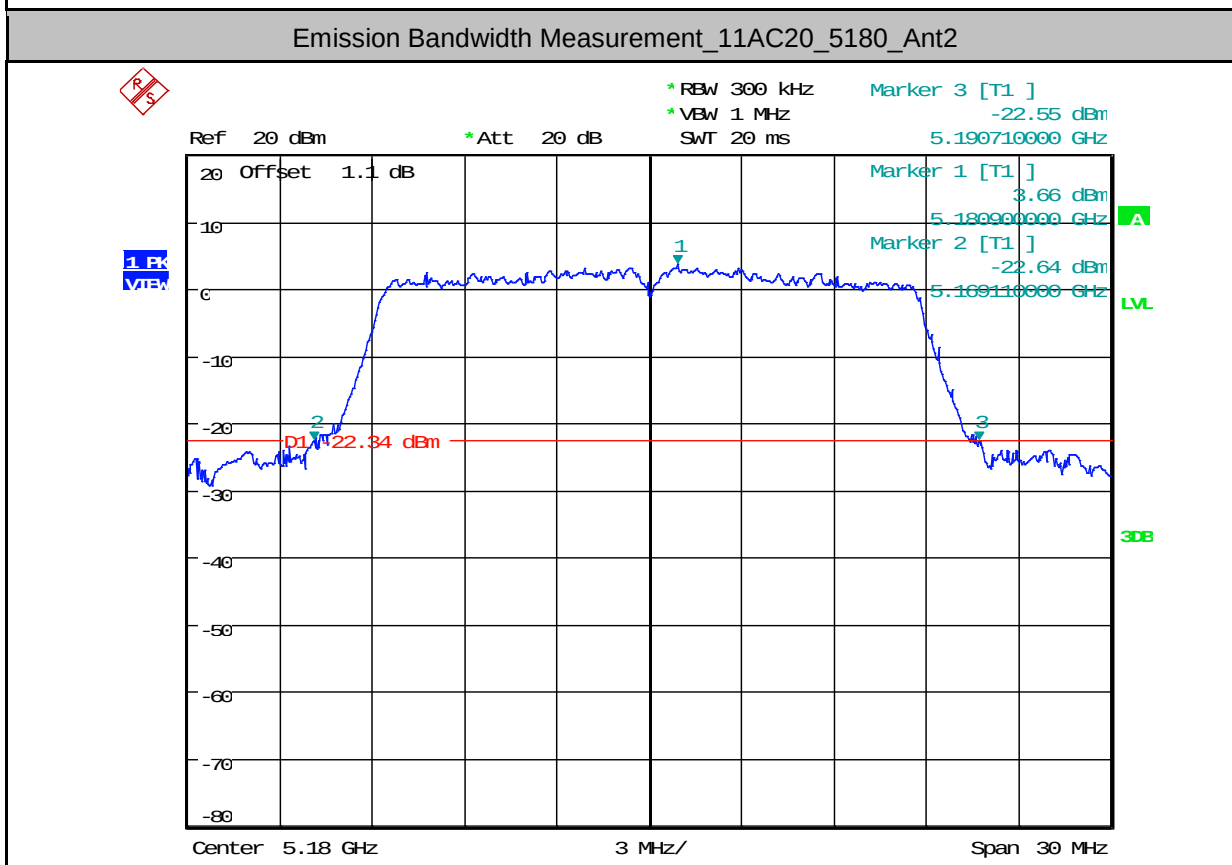
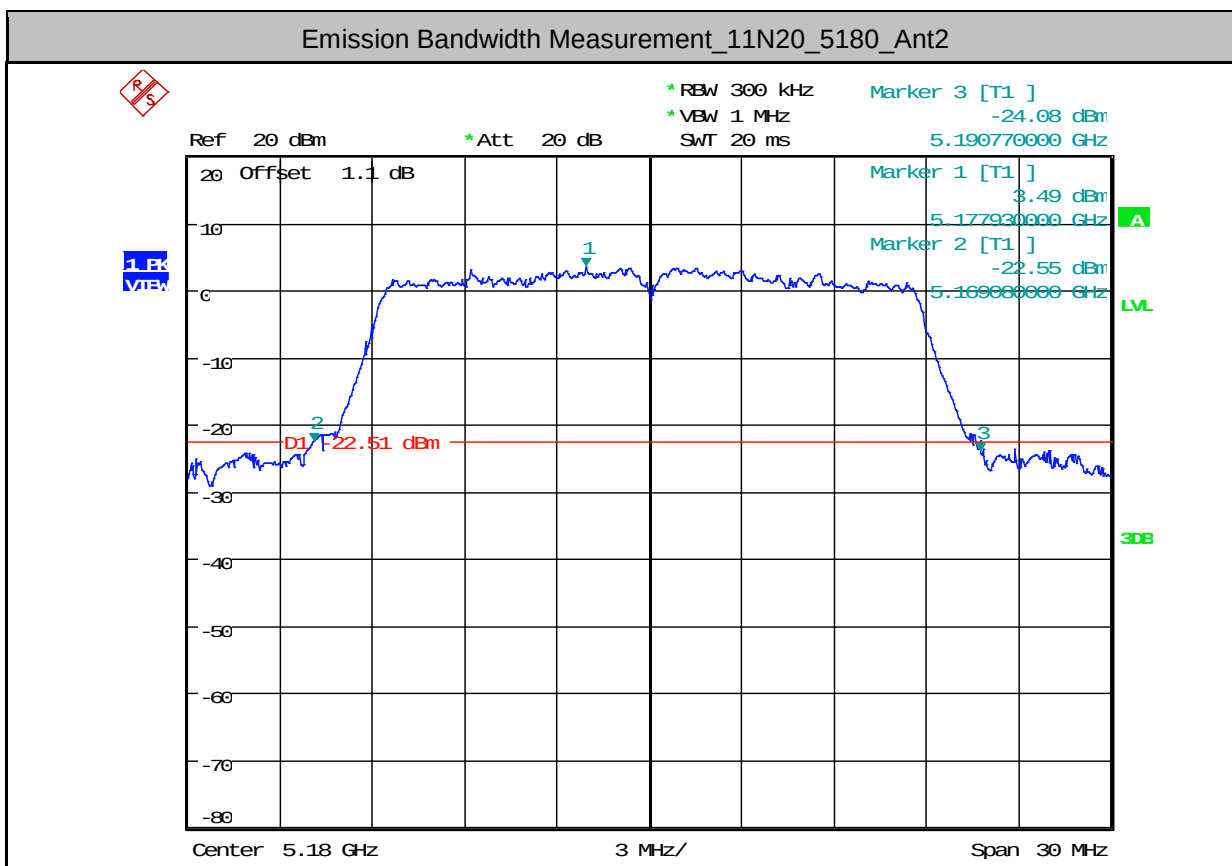


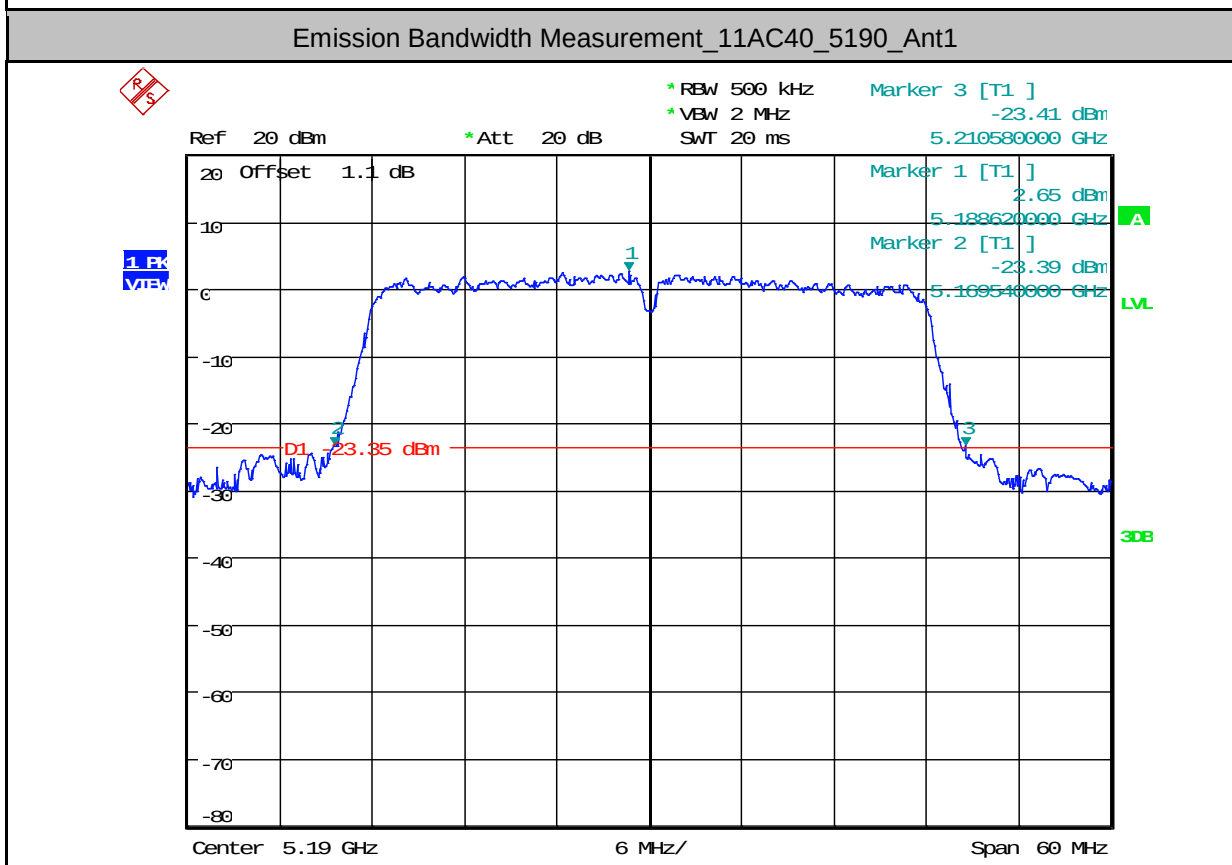
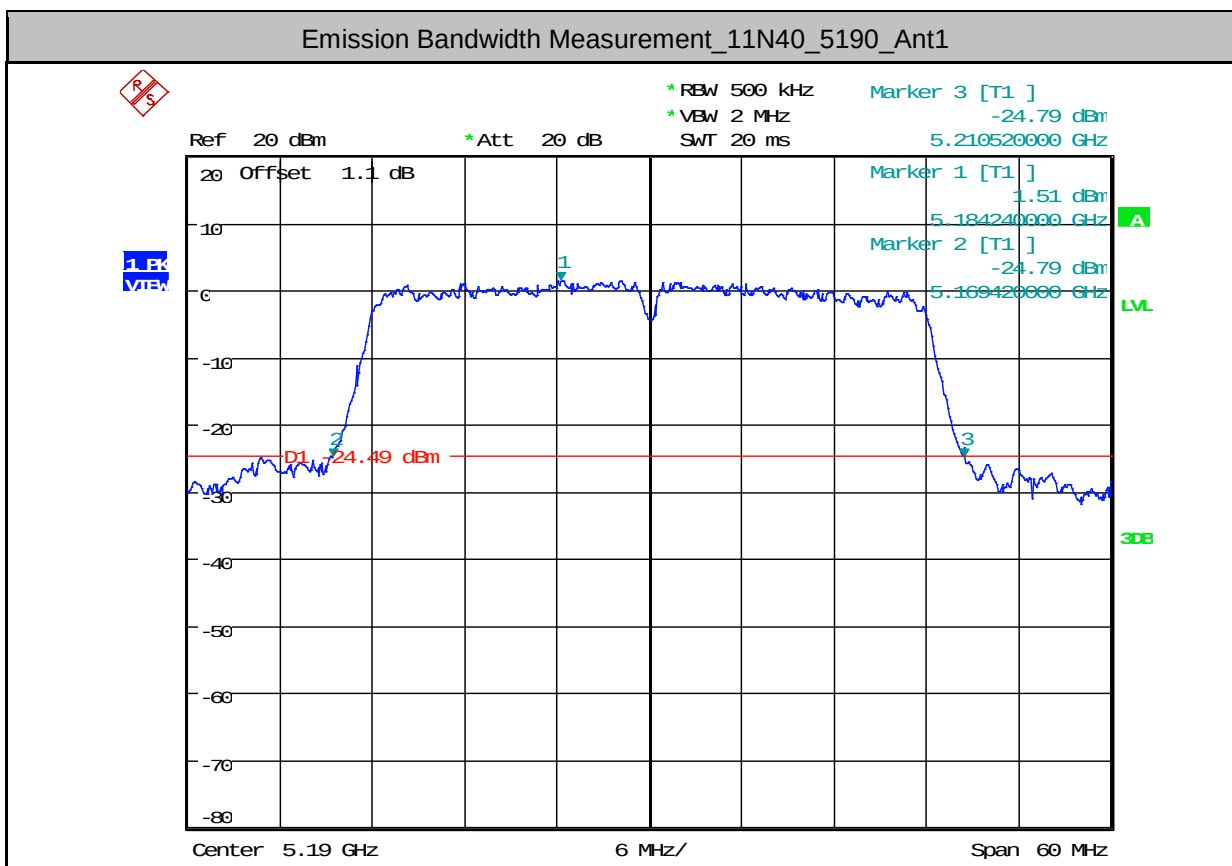


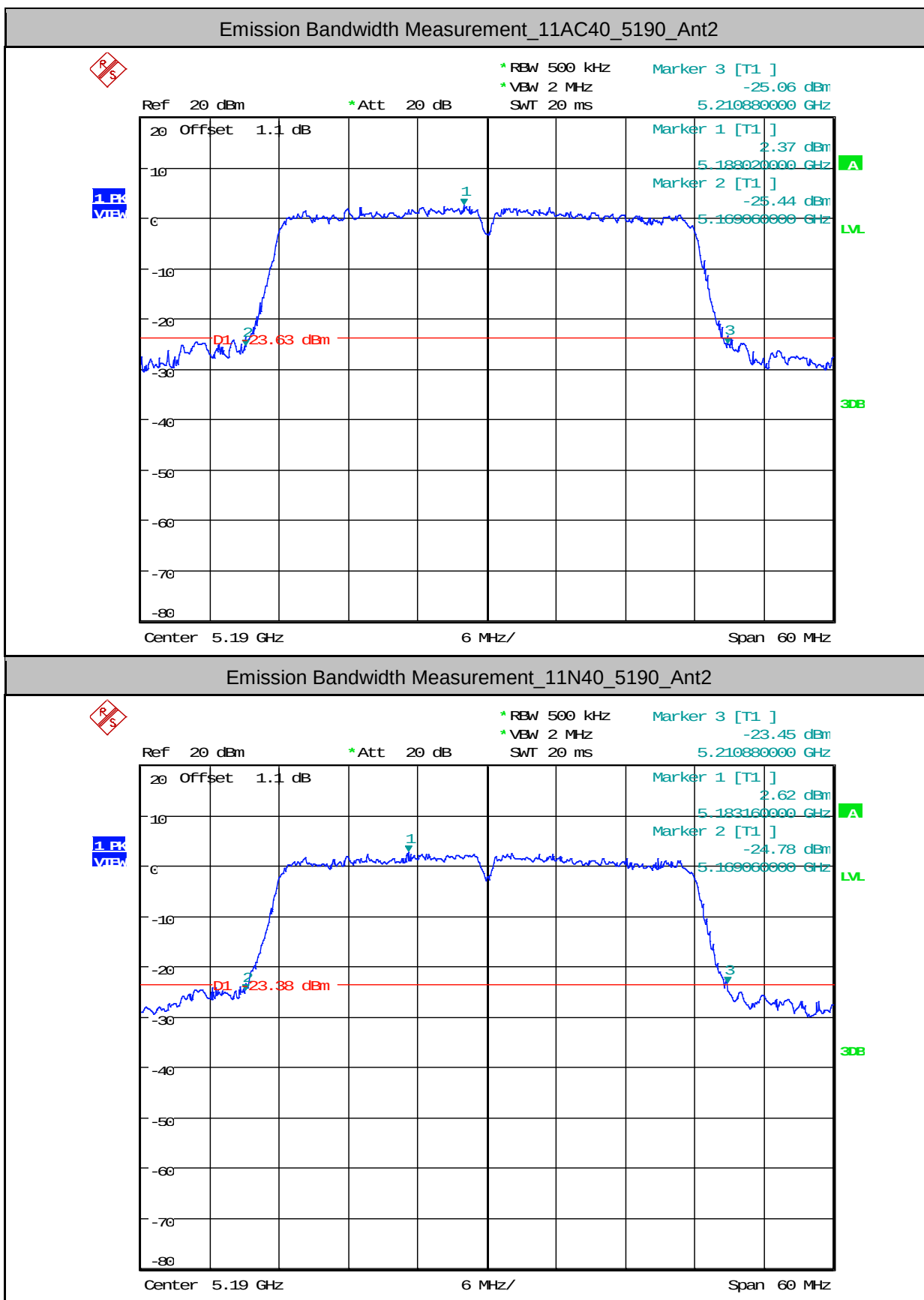


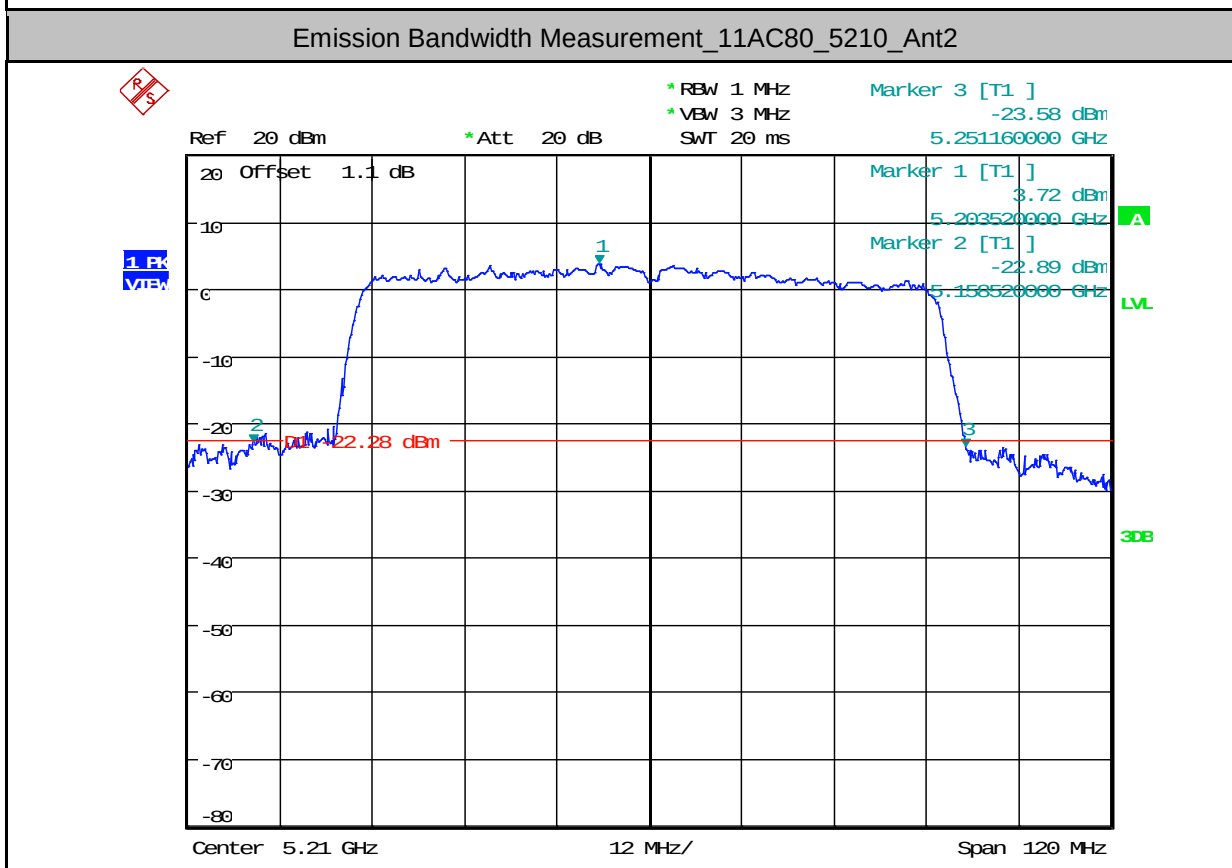


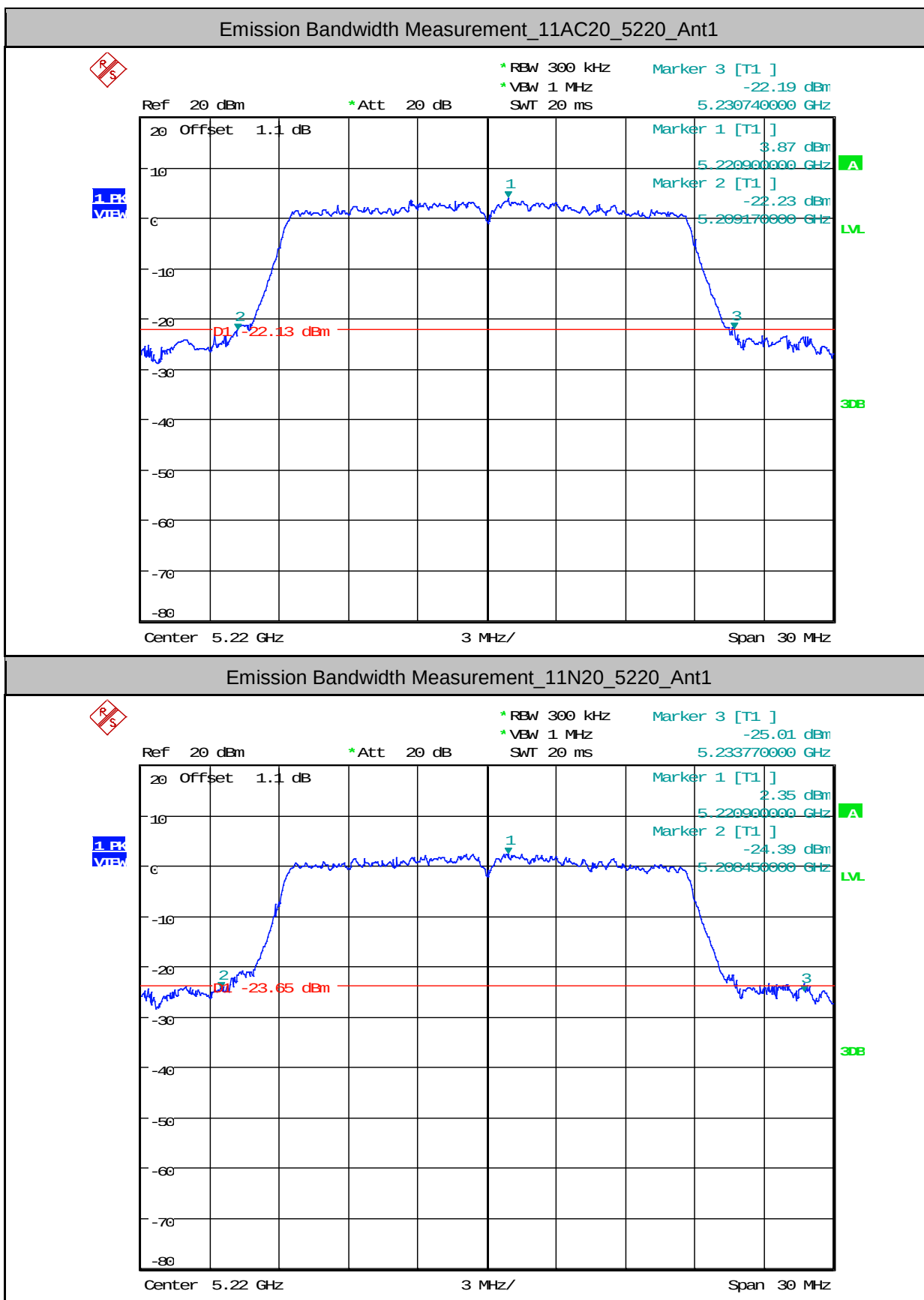


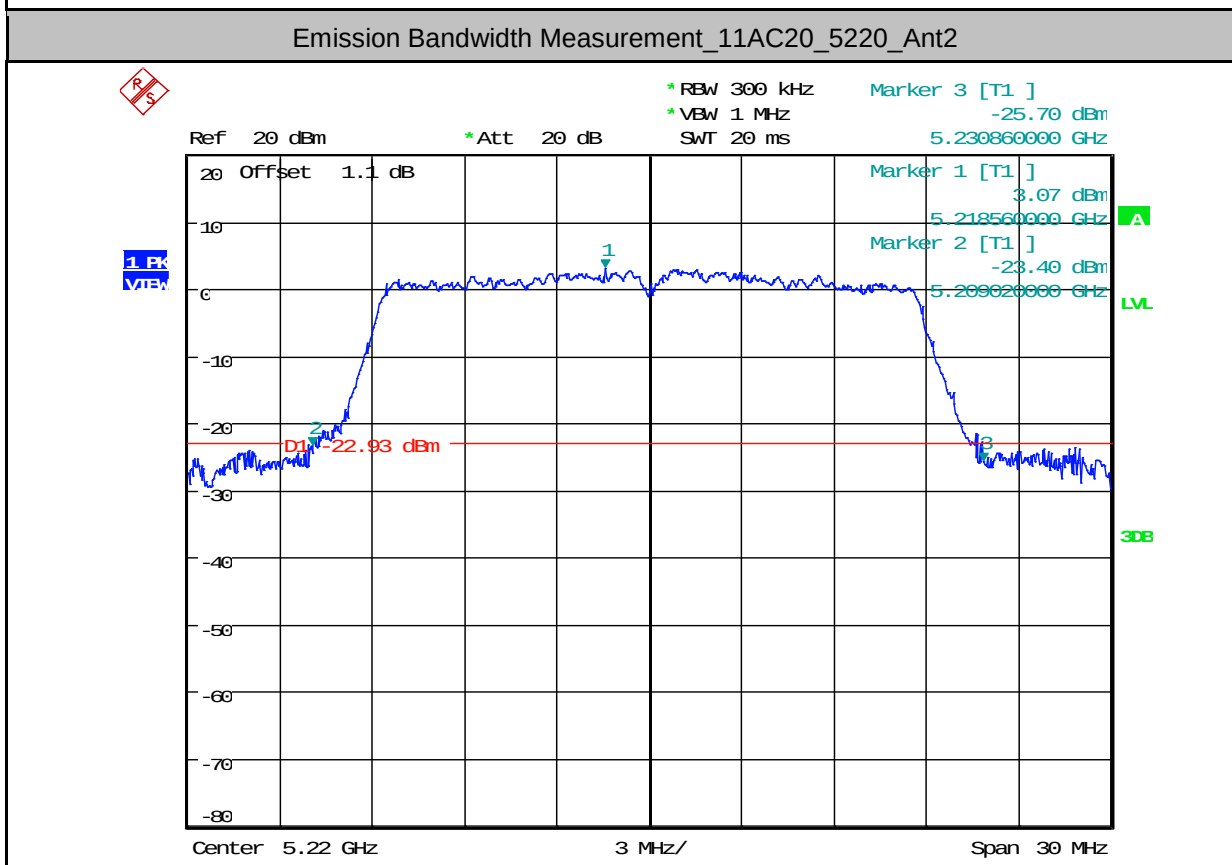
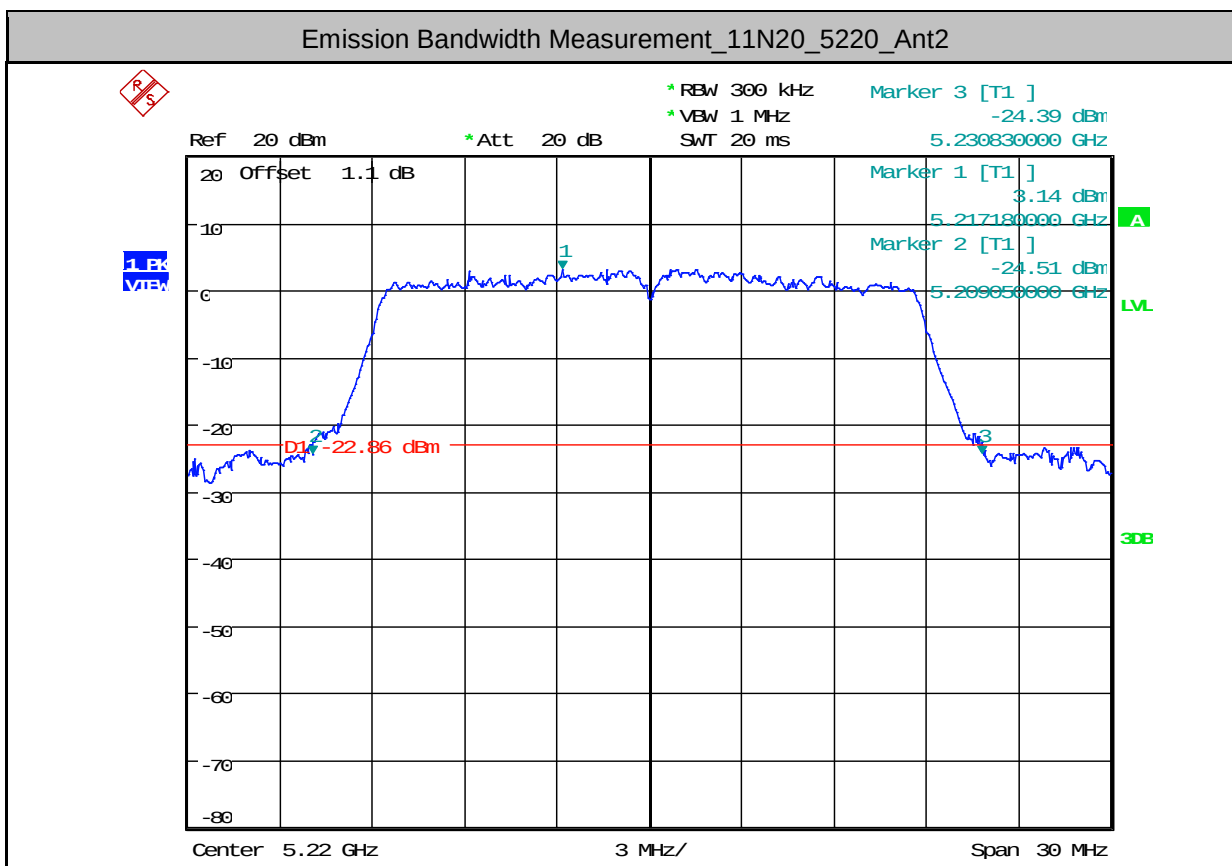


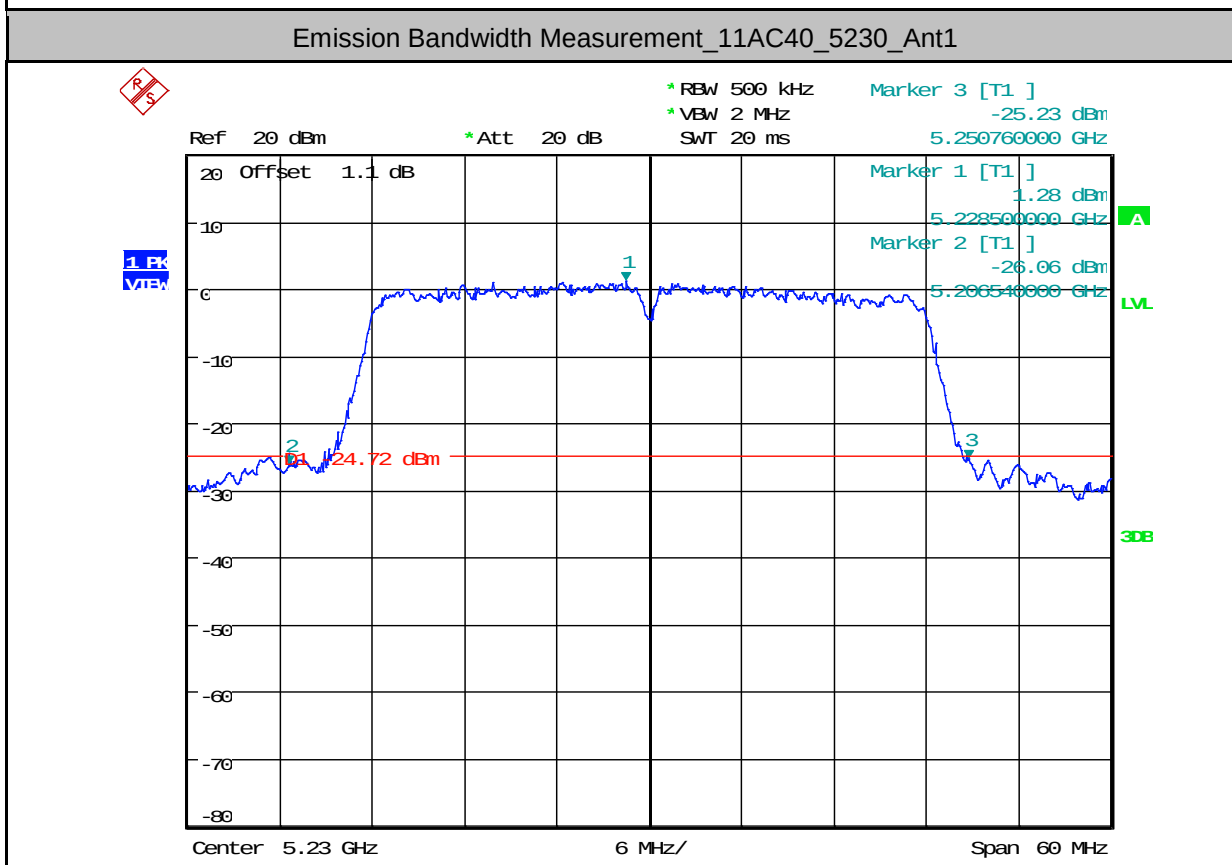
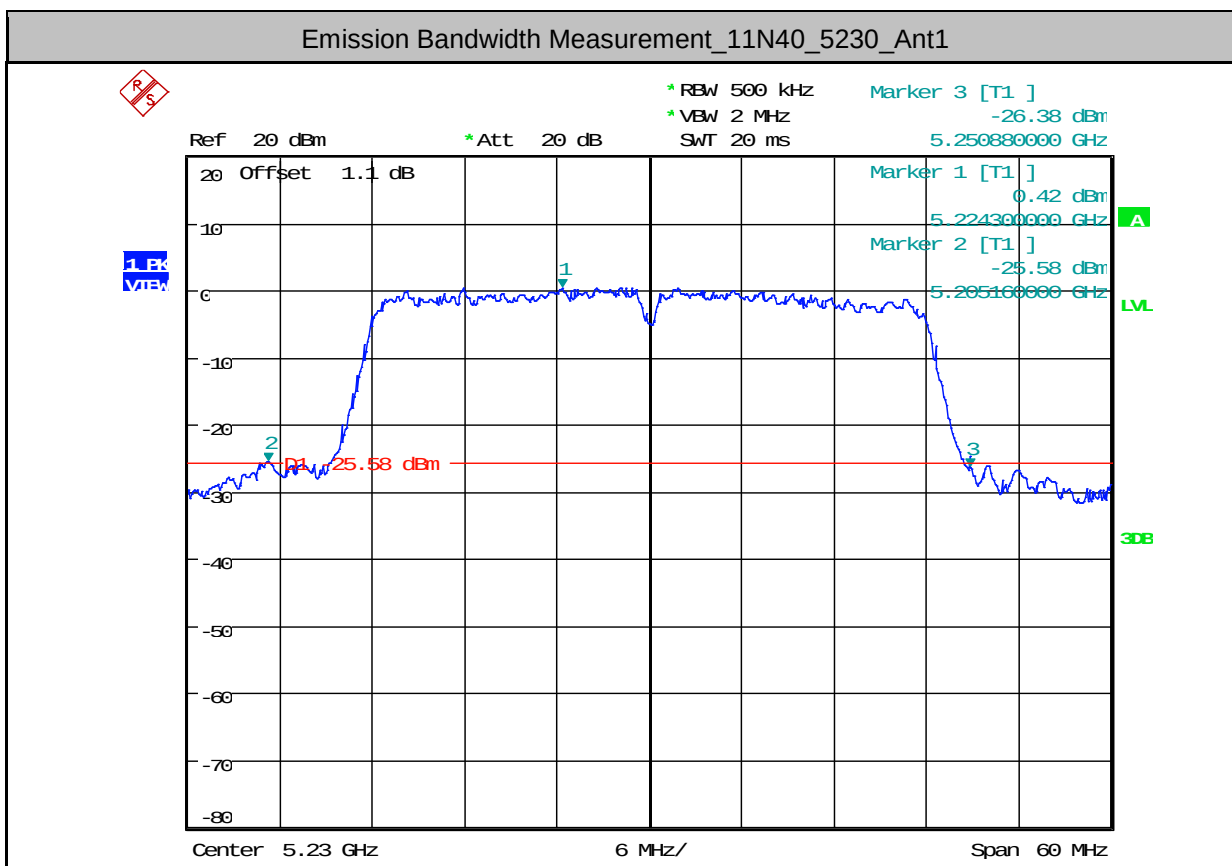


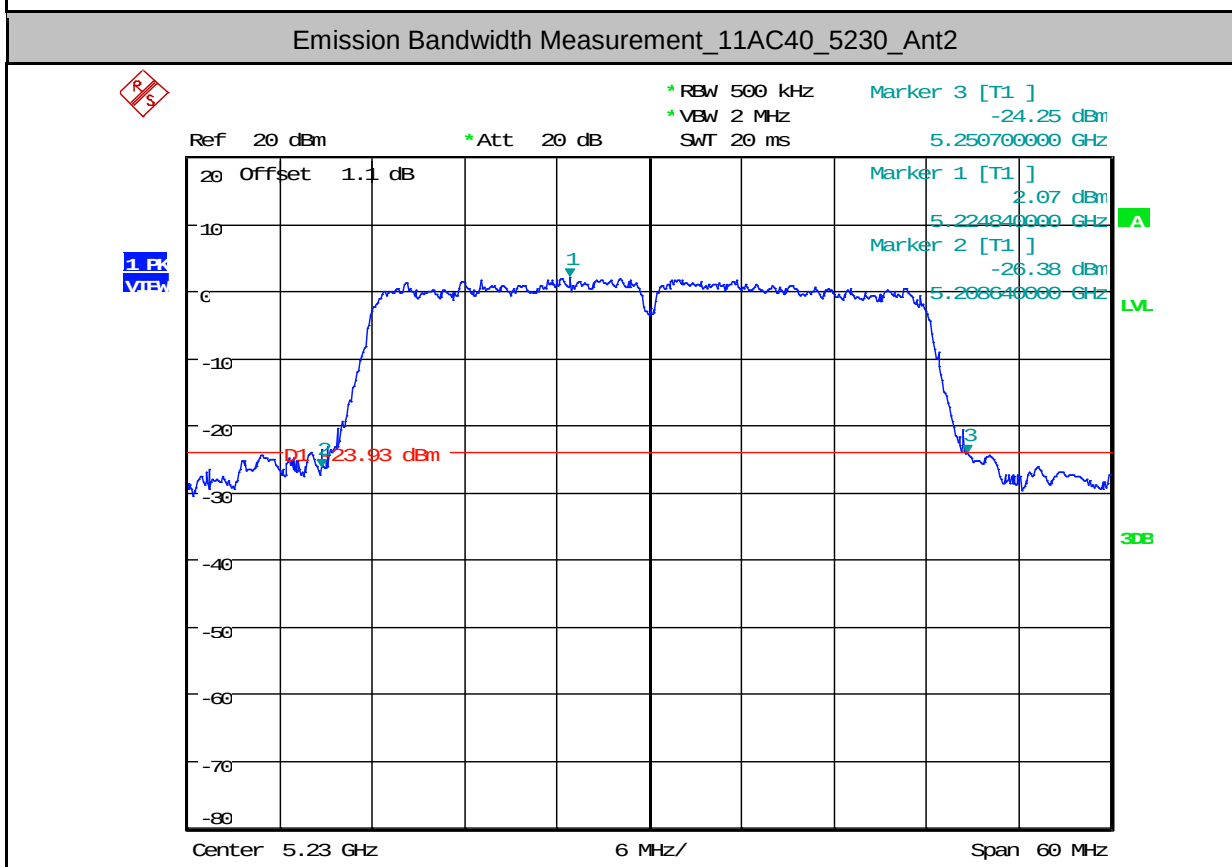
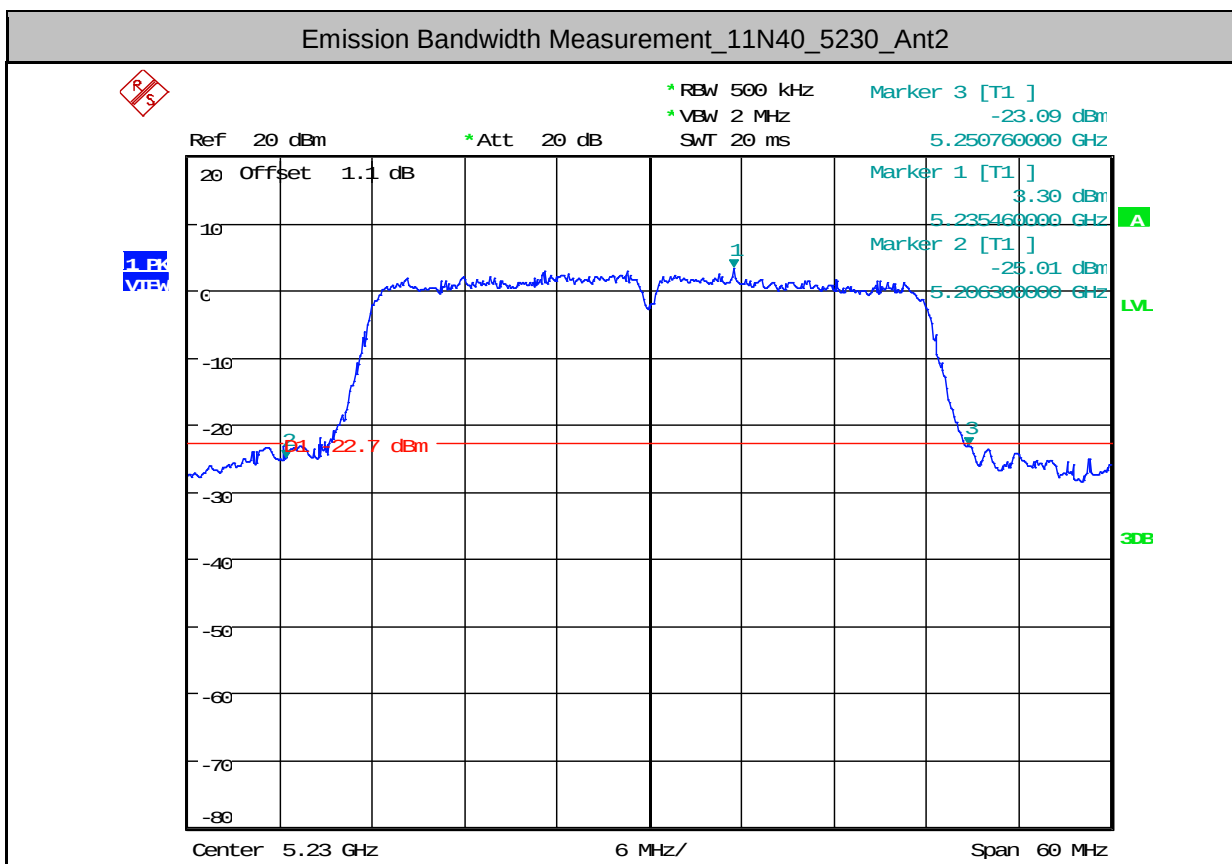


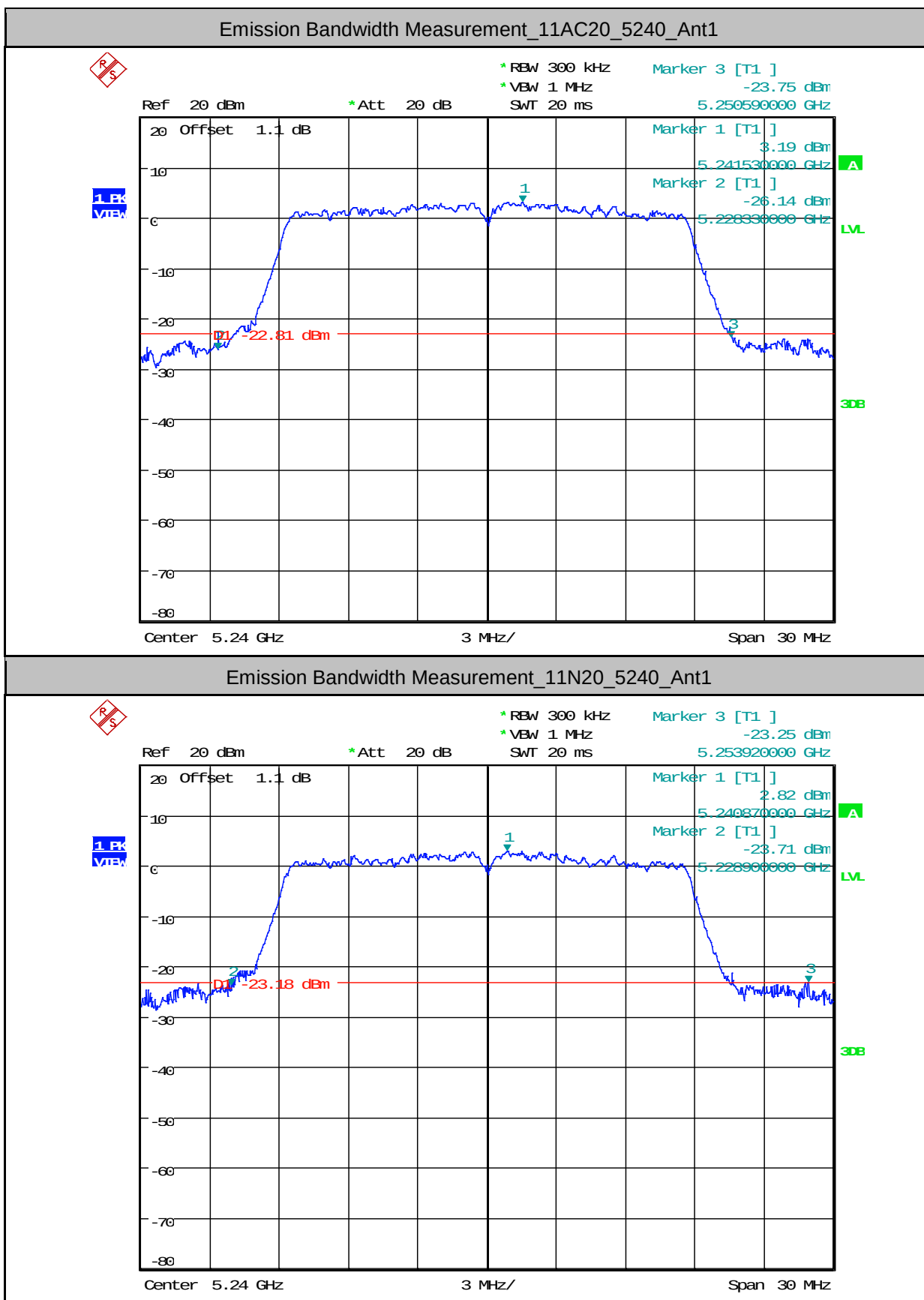


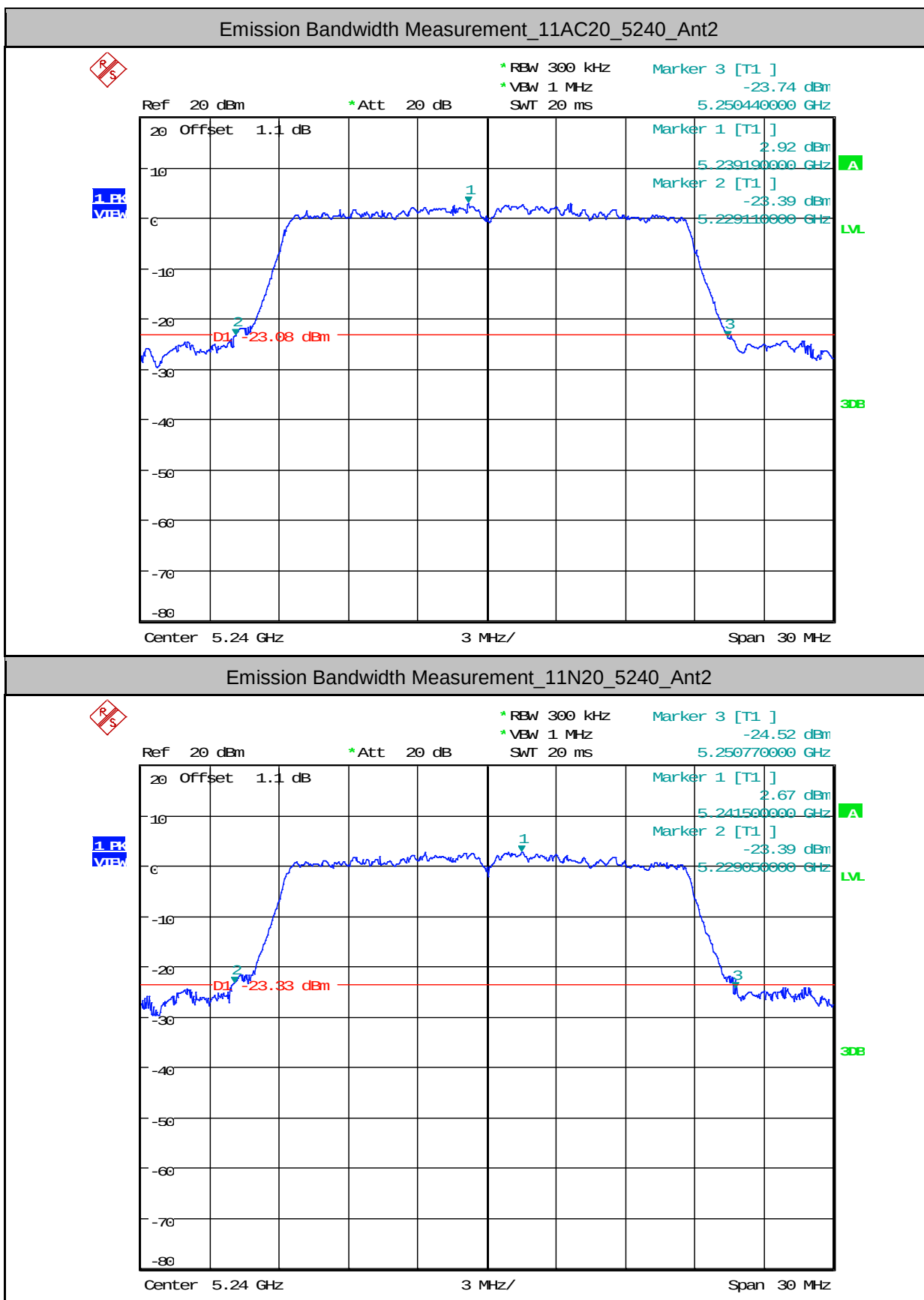


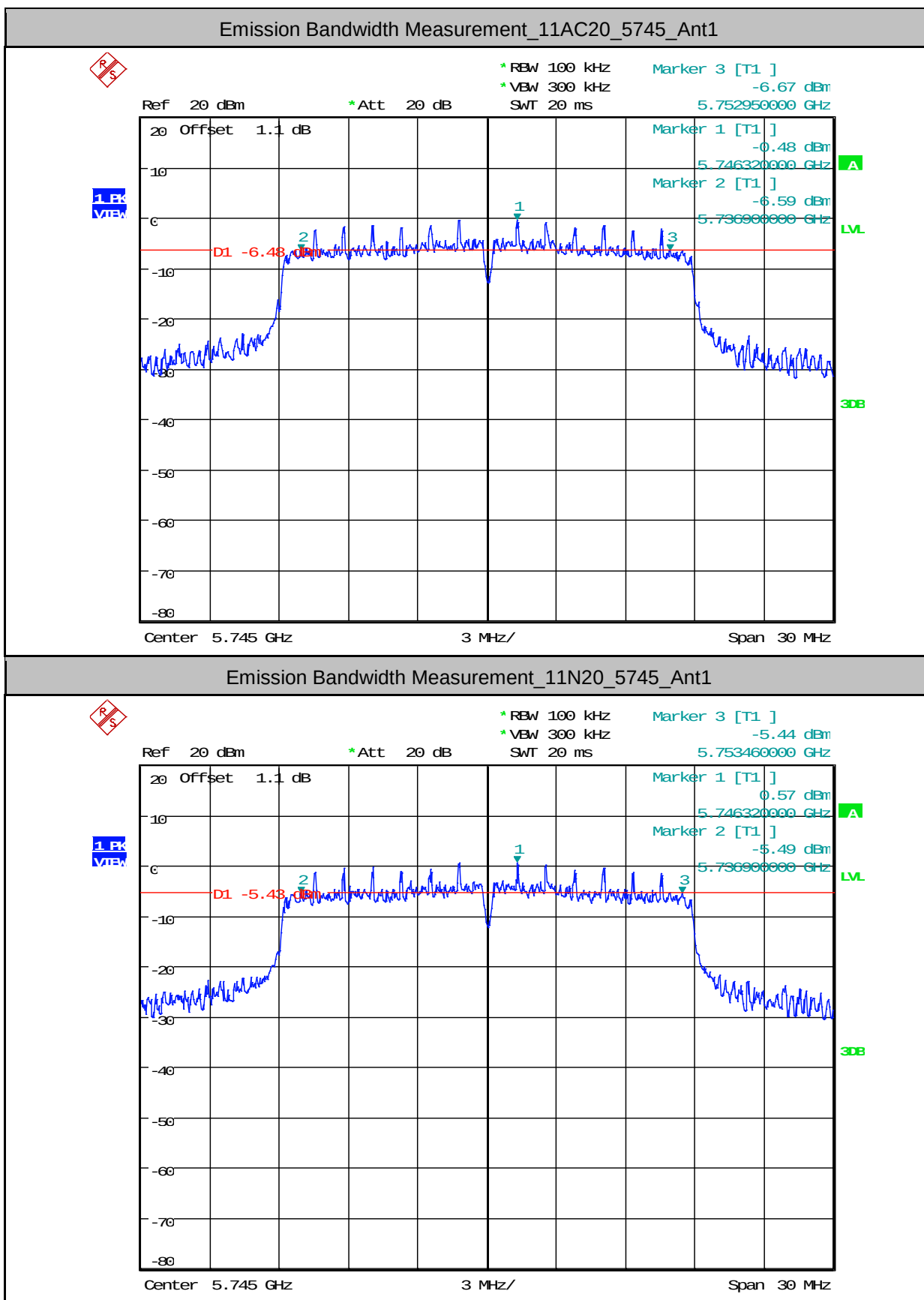


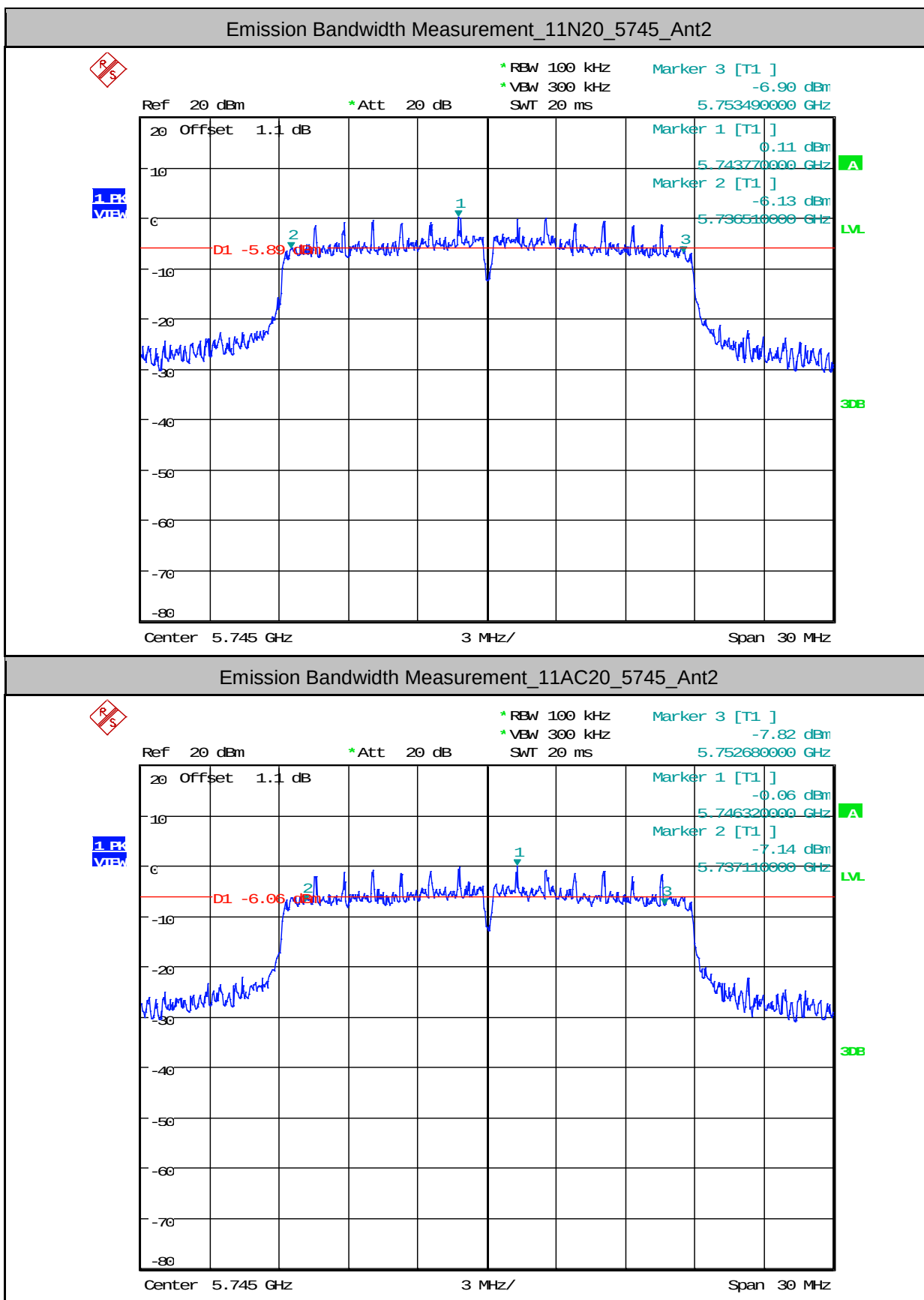


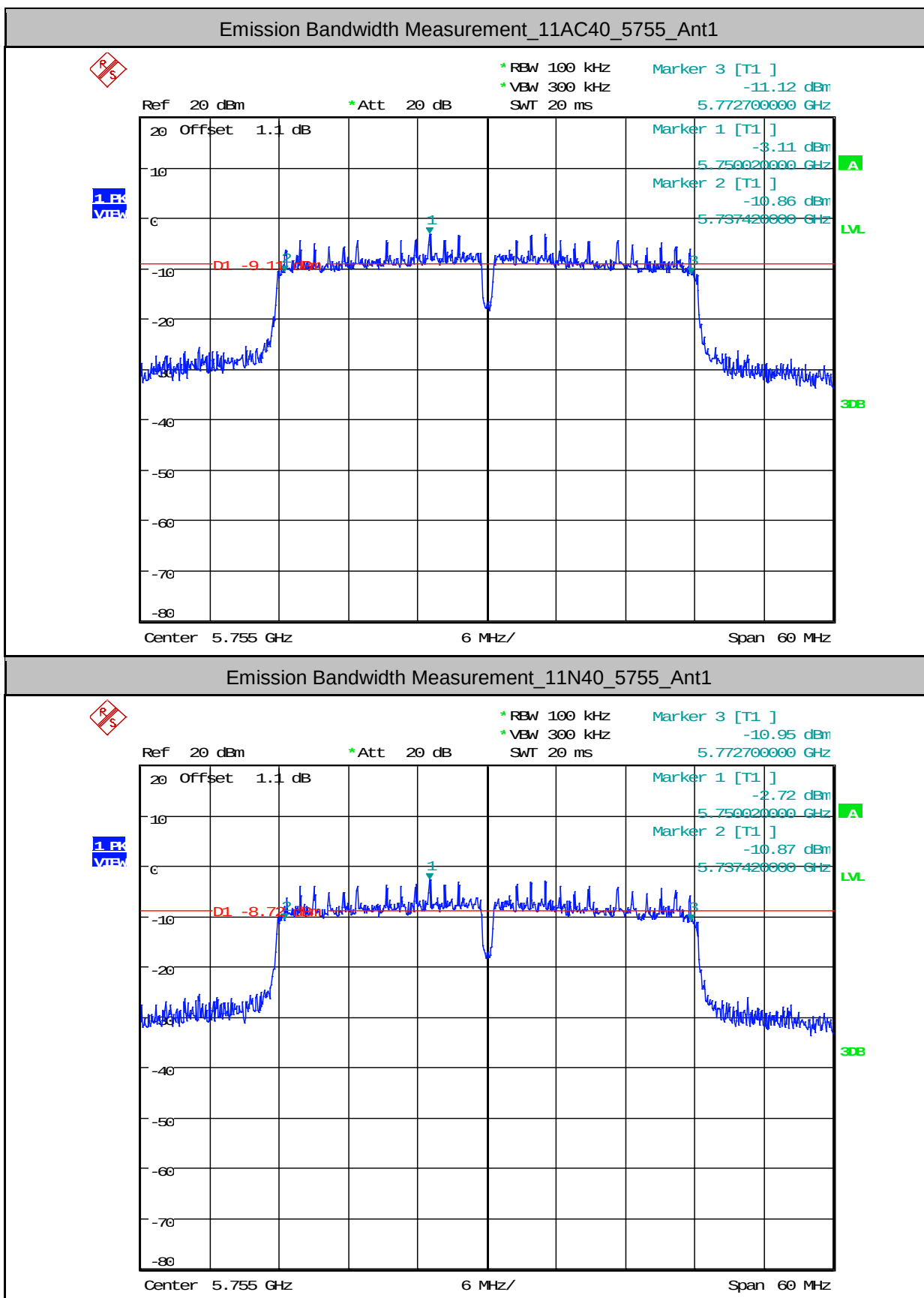


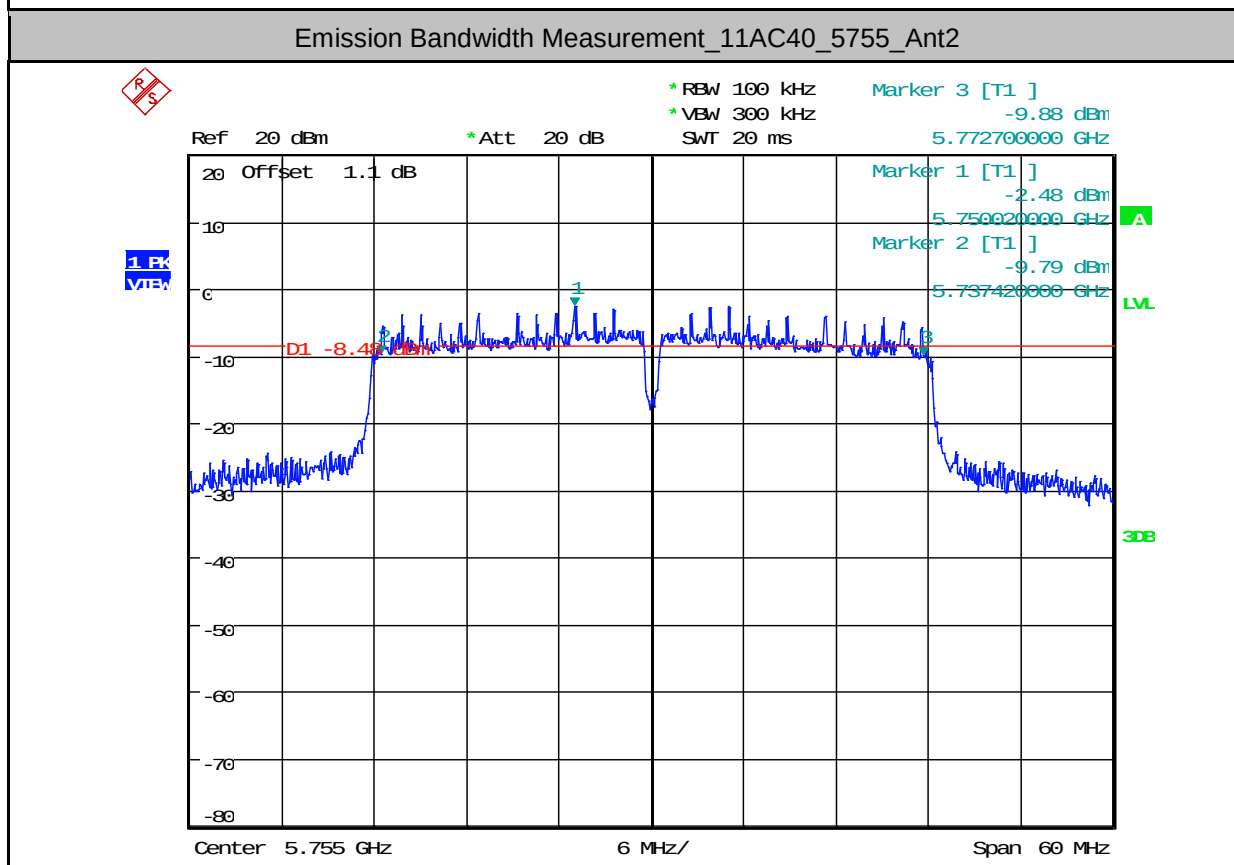
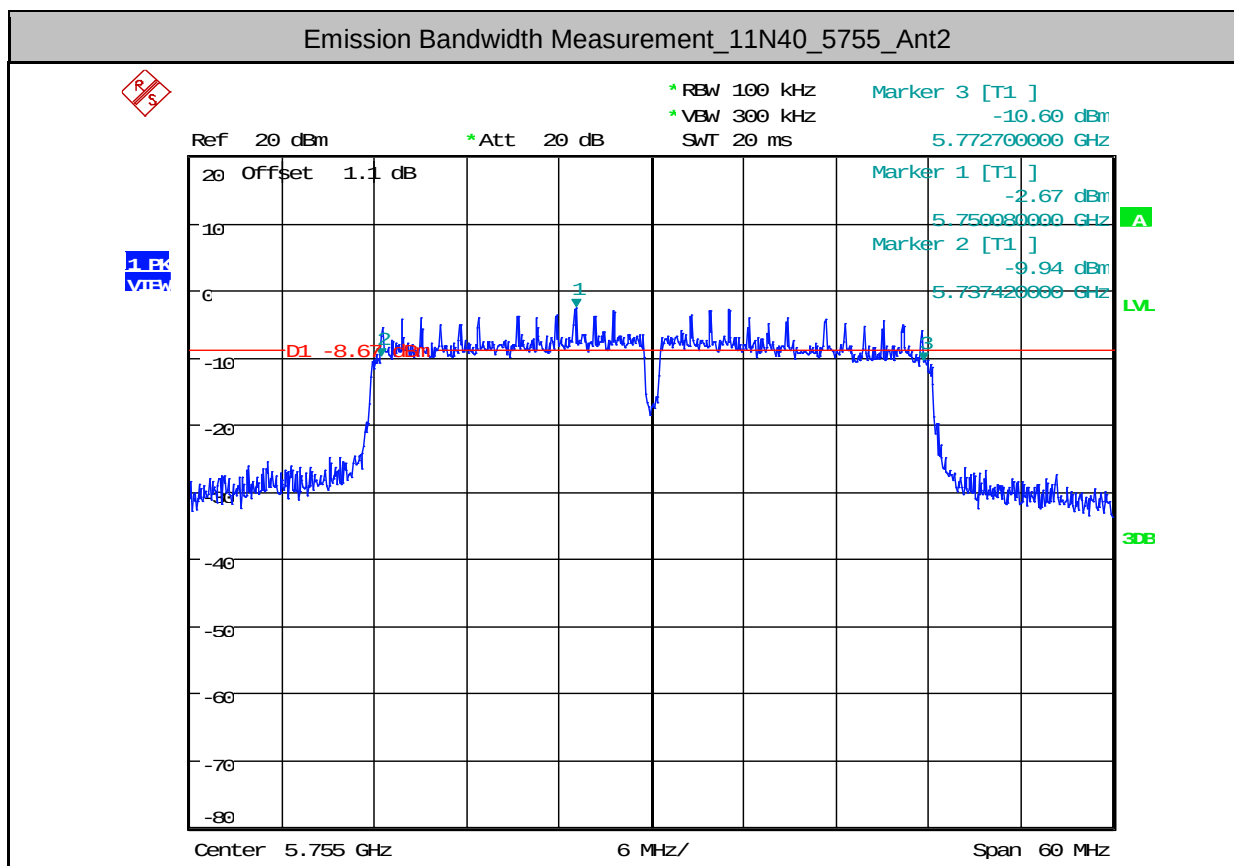


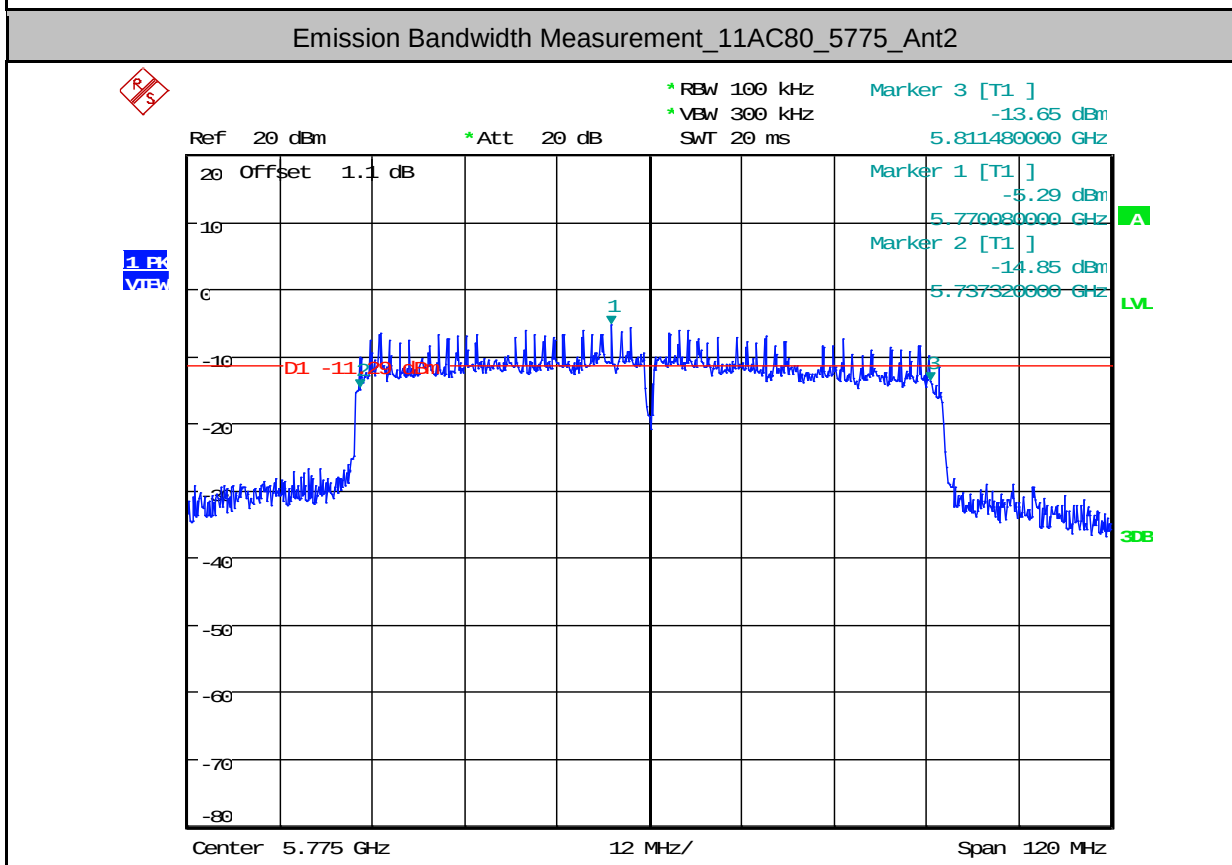
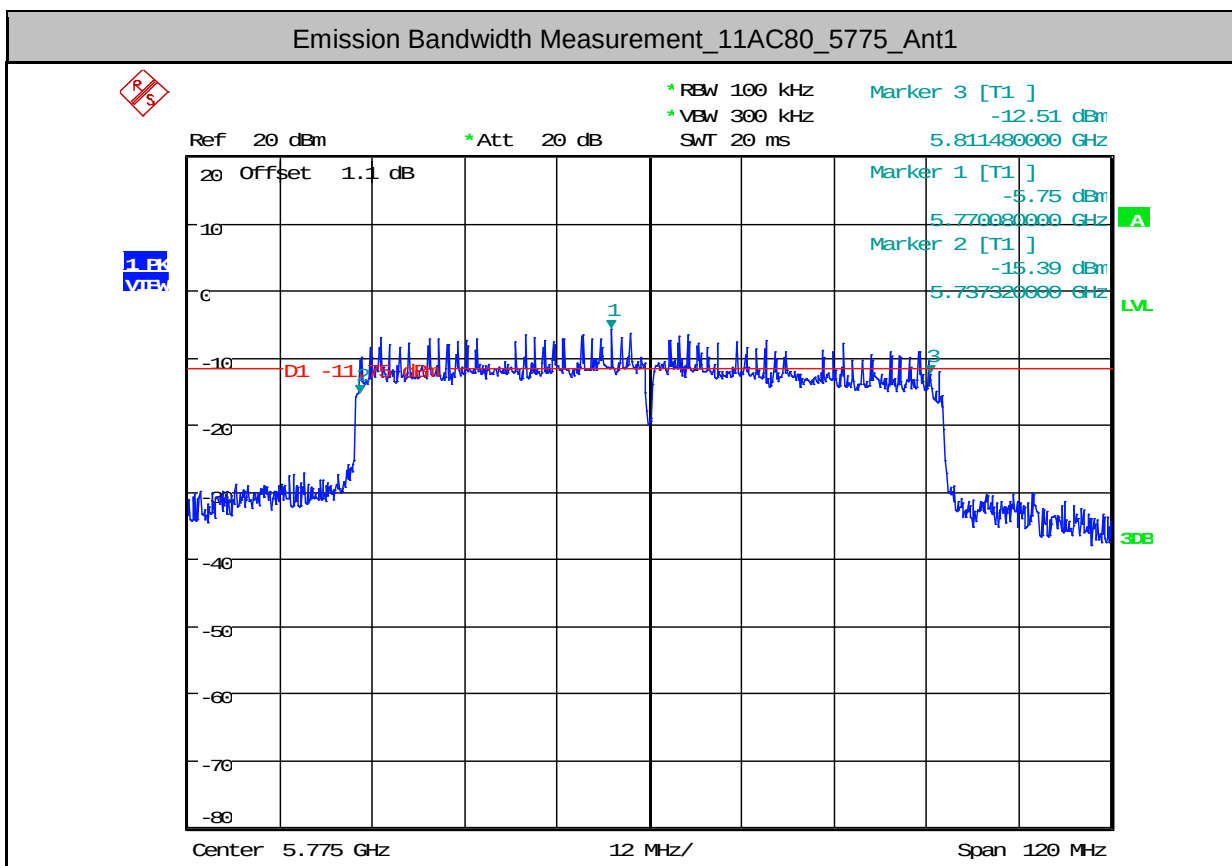


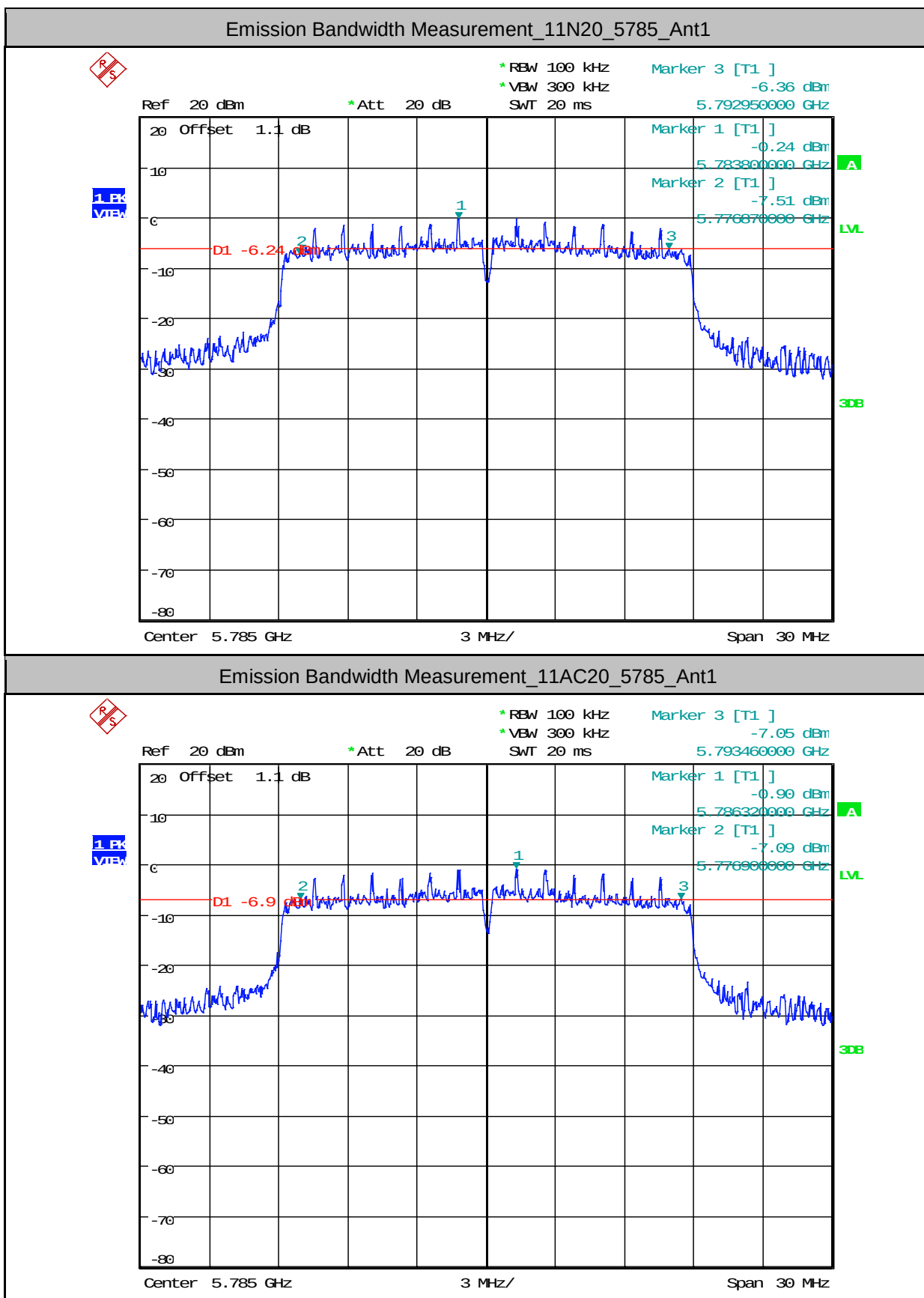


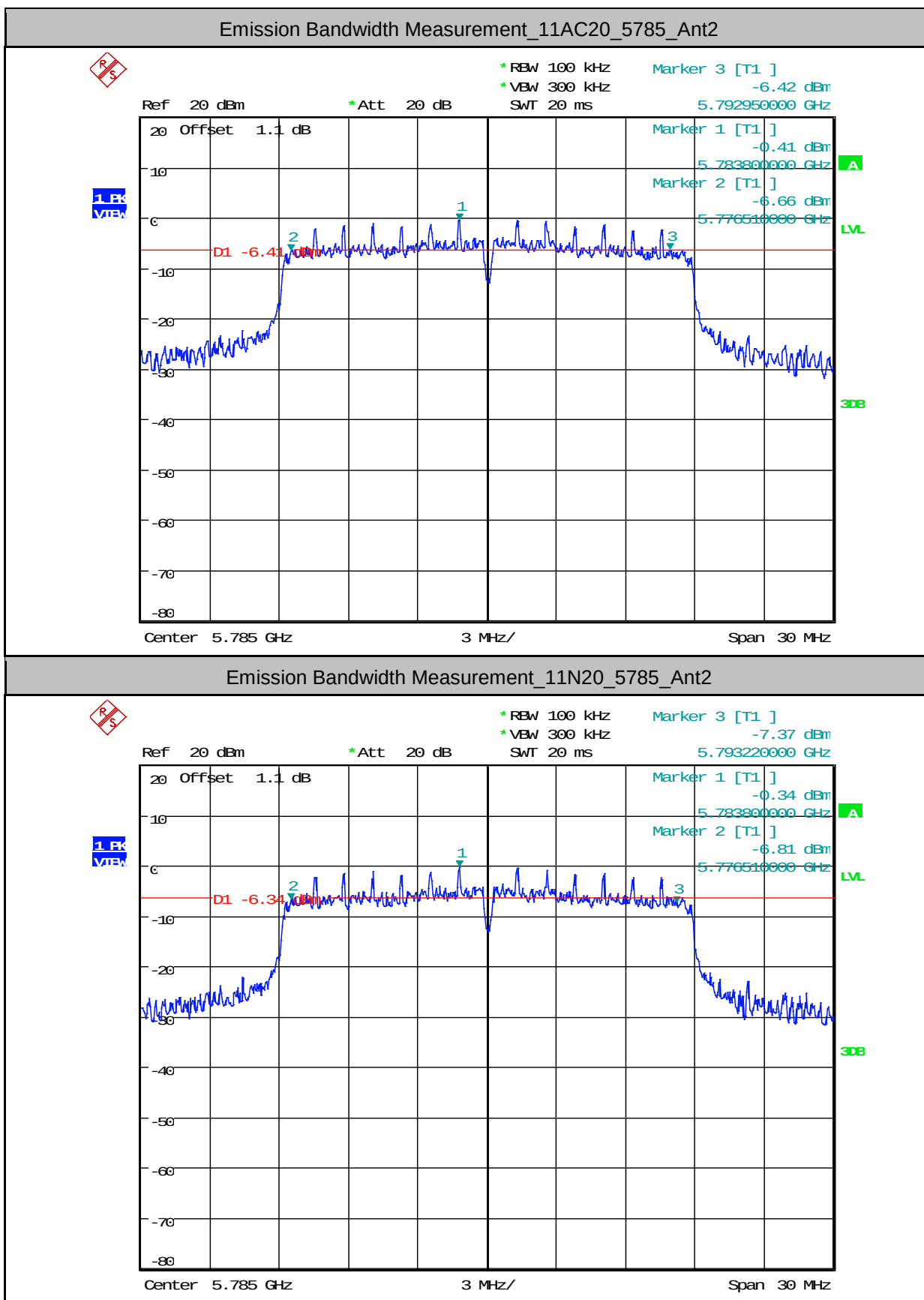


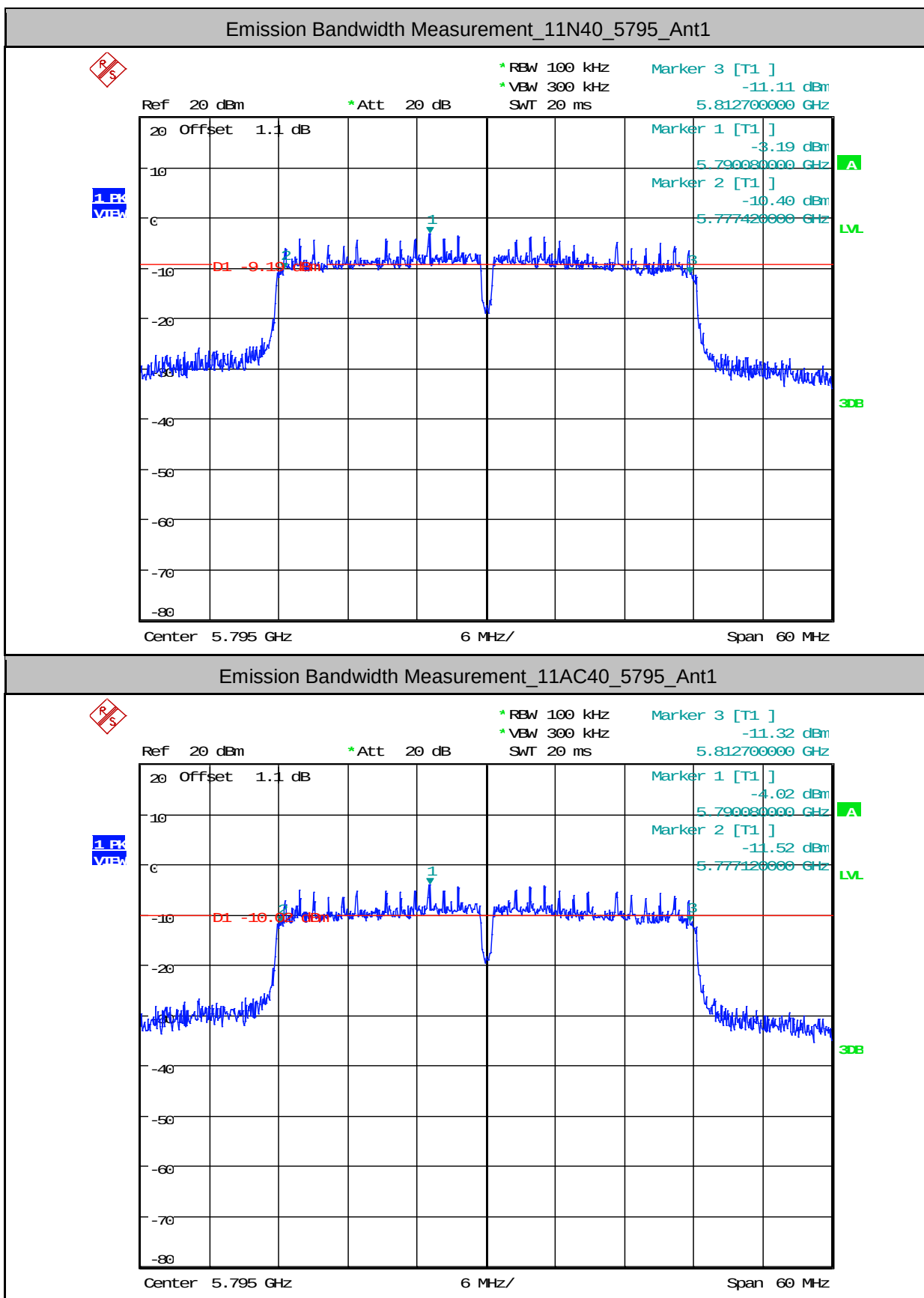


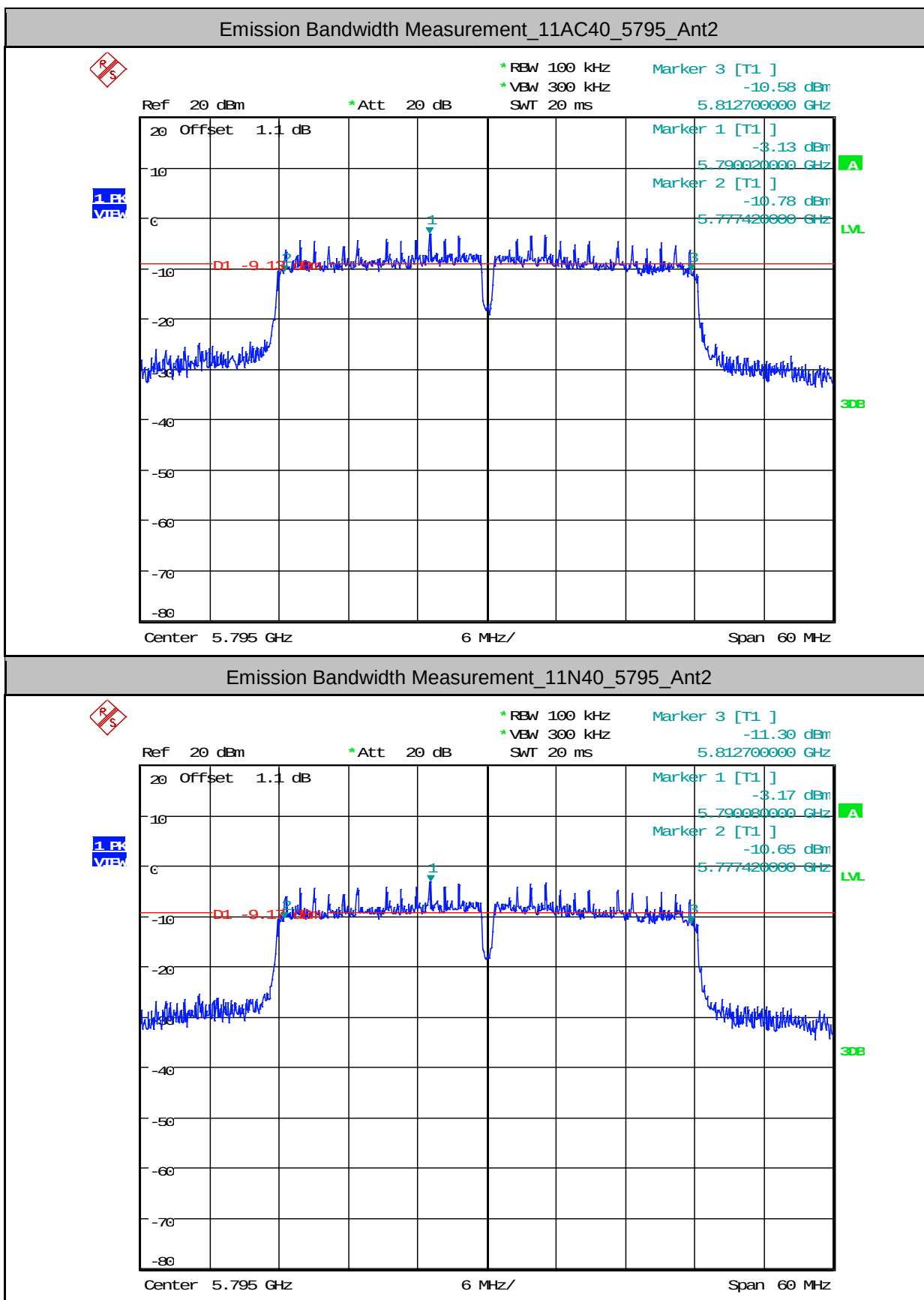


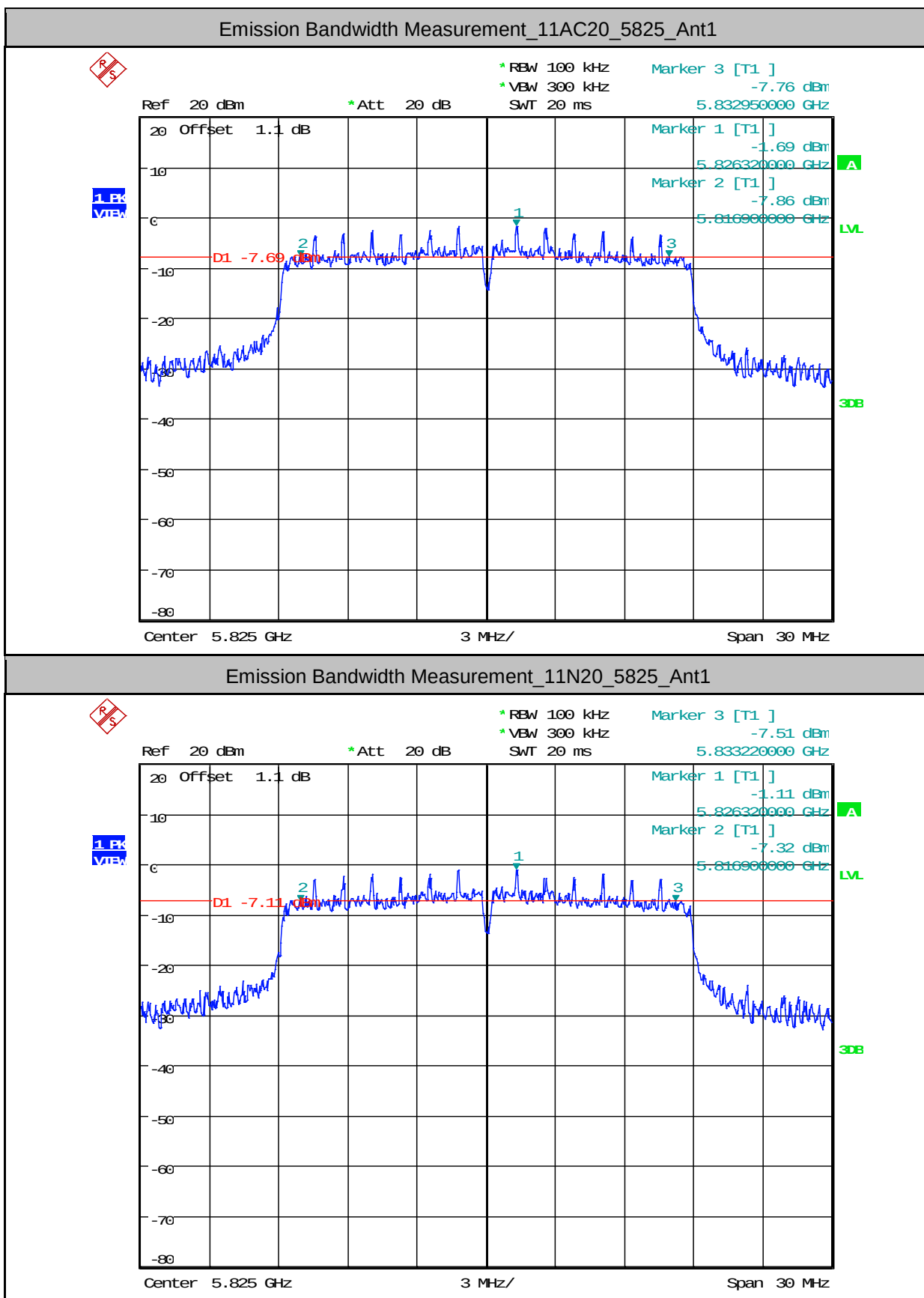


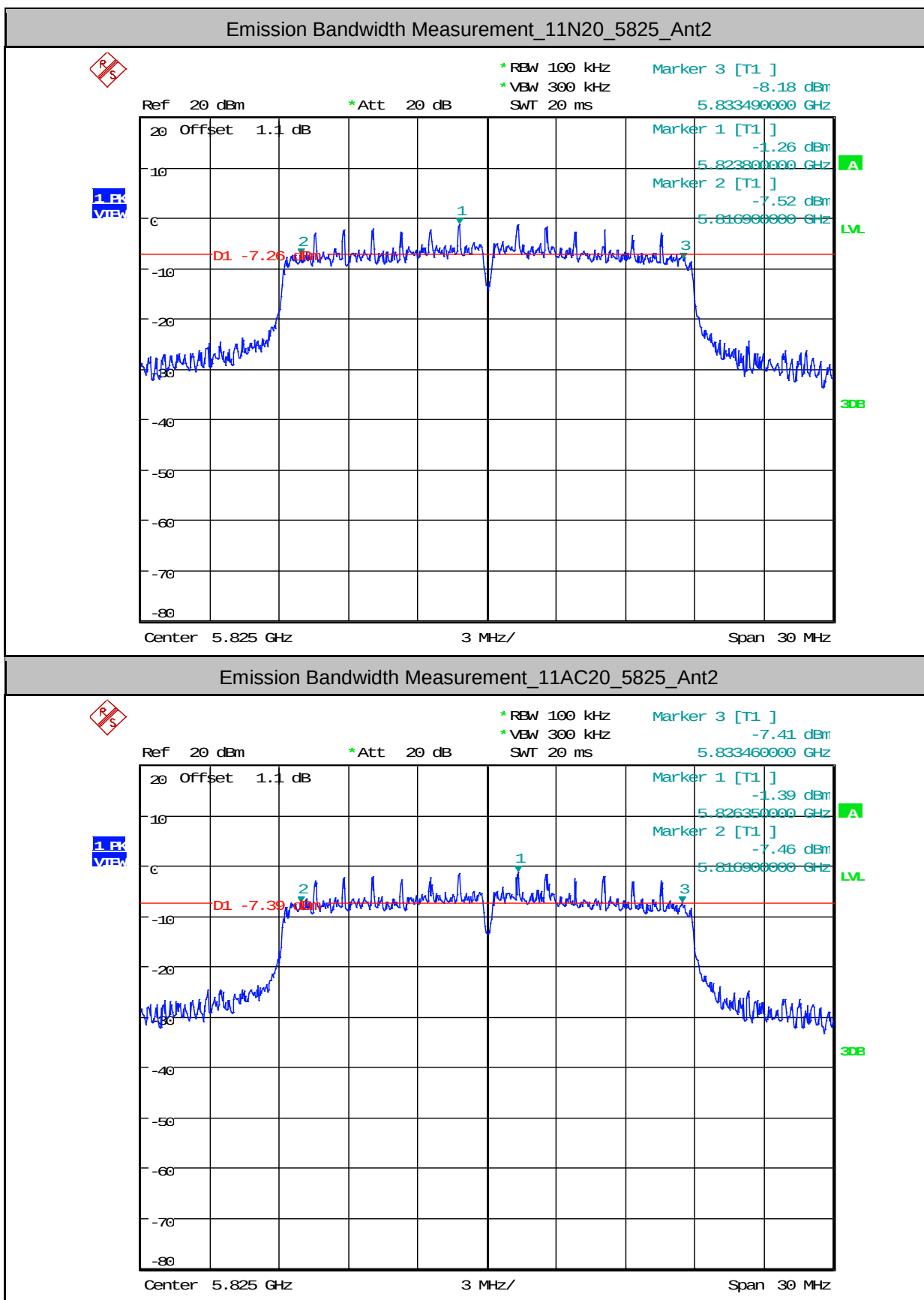














2.Occupied Bandwidth Measurement

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	17.130	---	PASS
11A	5180	Ant2	17.100	---	PASS
11A	5220	Ant1	17.220	---	PASS
11A	5220	Ant2	17.100	---	PASS
11A	5240	Ant1	17.250	---	PASS
11A	5240	Ant2	17.160	---	PASS
11A	5745	Ant1	17.190	---	PASS
11A	5745	Ant2	18.840	---	PASS
11A	5785	Ant1	17.520	---	PASS
11A	5785	Ant2	17.460	---	PASS
11A	5825	Ant1	17.490	---	PASS
11A	5825	Ant2	18.330	---	PASS
11N20	5180	Ant1	17.790	---	PASS
11N20	5180	Ant2	17.820	---	PASS
11N20	5220	Ant1	17.850	---	PASS
11N20	5220	Ant2	17.820	---	PASS
11N20	5240	Ant1	17.820	---	PASS
11N20	5240	Ant2	17.820	---	PASS
11N20	5745	Ant1	18.420	---	PASS
11N20	5745	Ant2	18.420	---	PASS
11N20	5785	Ant1	18.360	---	PASS
11N20	5785	Ant2	18.330	---	PASS
11N20	5825	Ant1	18.330	---	PASS
11N20	5825	Ant2	18.330	---	PASS
11N40	5190	Ant1	36.240	---	PASS
11N40	5190	Ant2	36.300	---	PASS
11N40	5230	Ant1	36.240	---	PASS
11N40	5230	Ant2	36.300	---	PASS
11N40	5755	Ant1	36.960	---	PASS
11N40	5755	Ant2	36.960	---	PASS
11N40	5795	Ant1	37.020	---	PASS

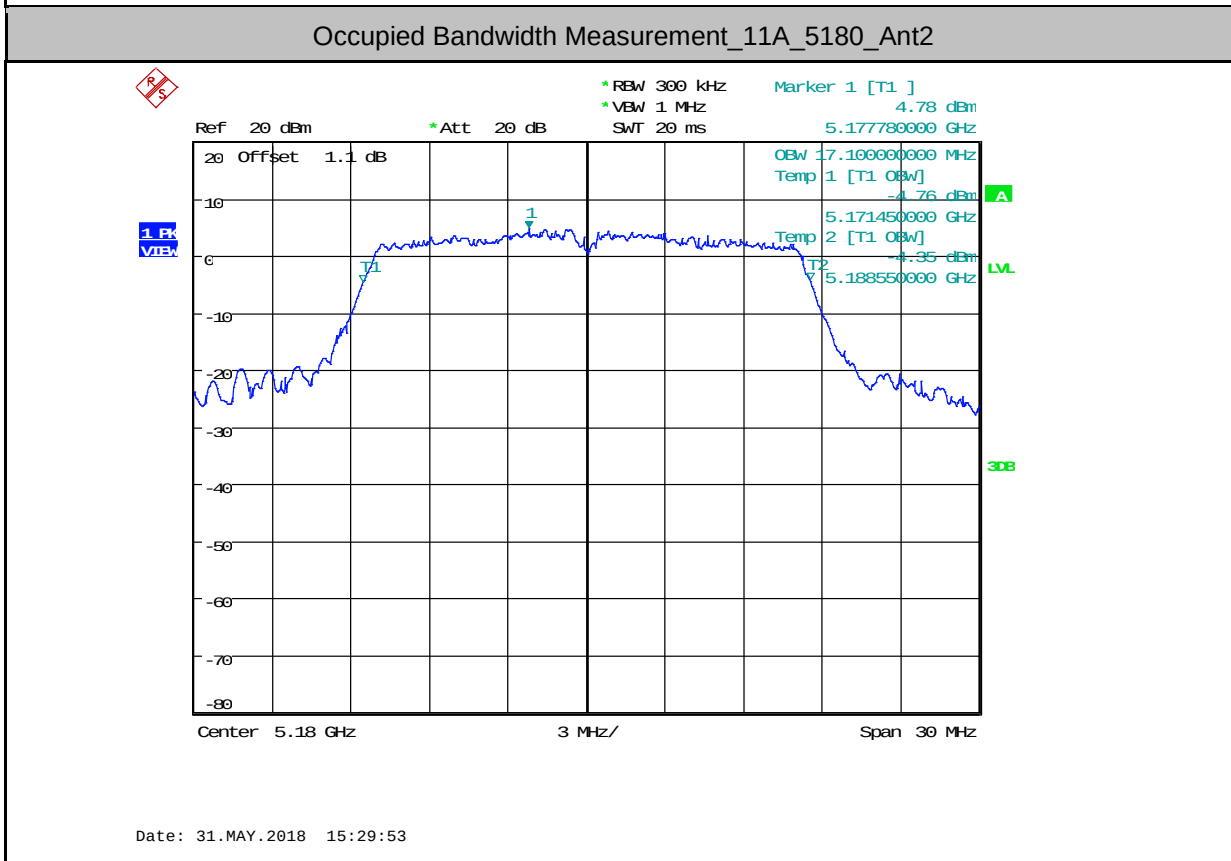
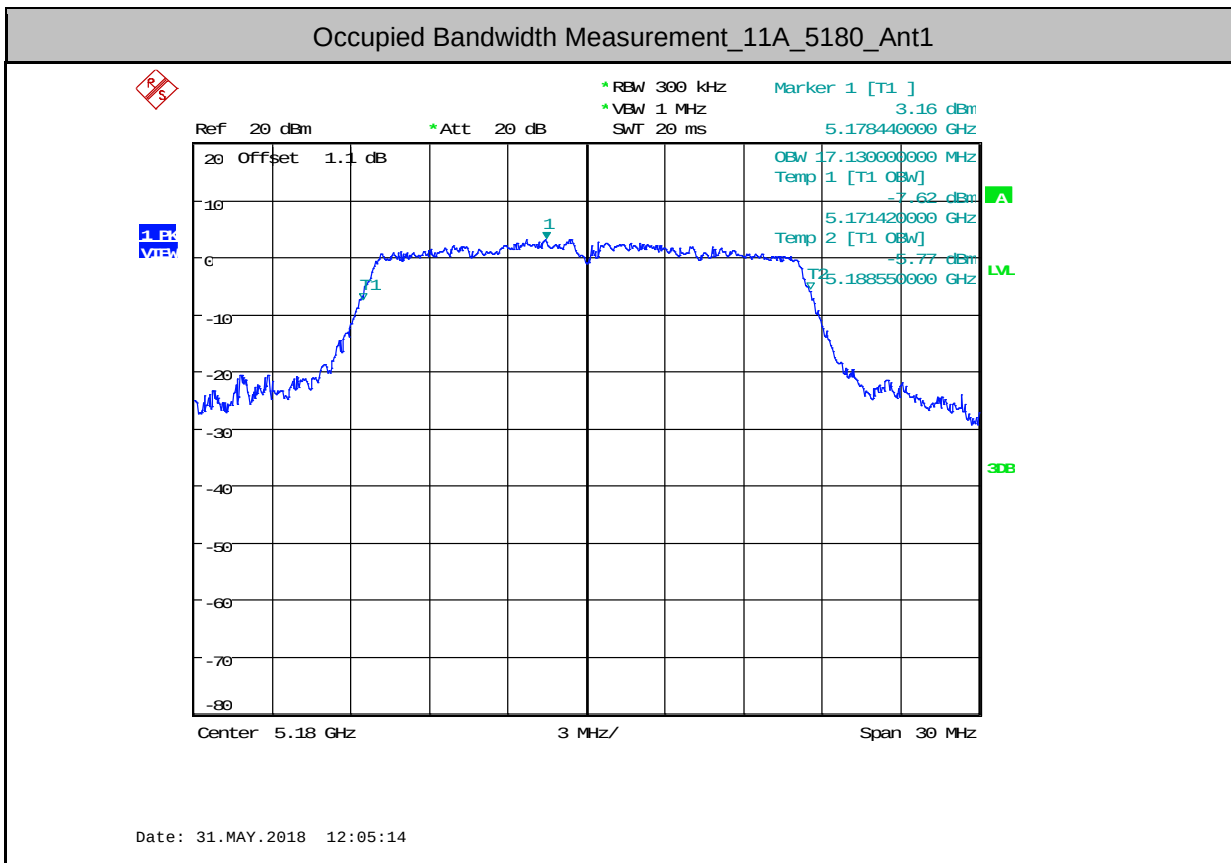


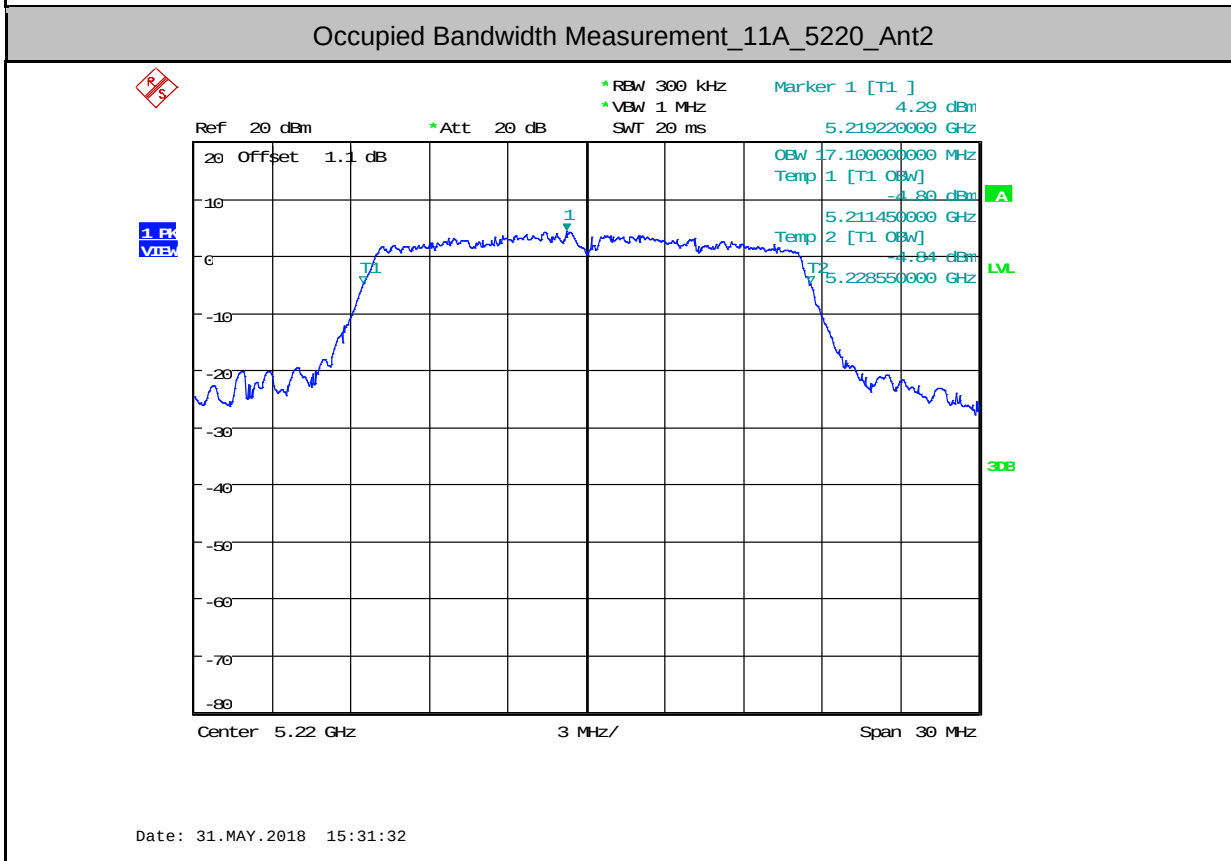
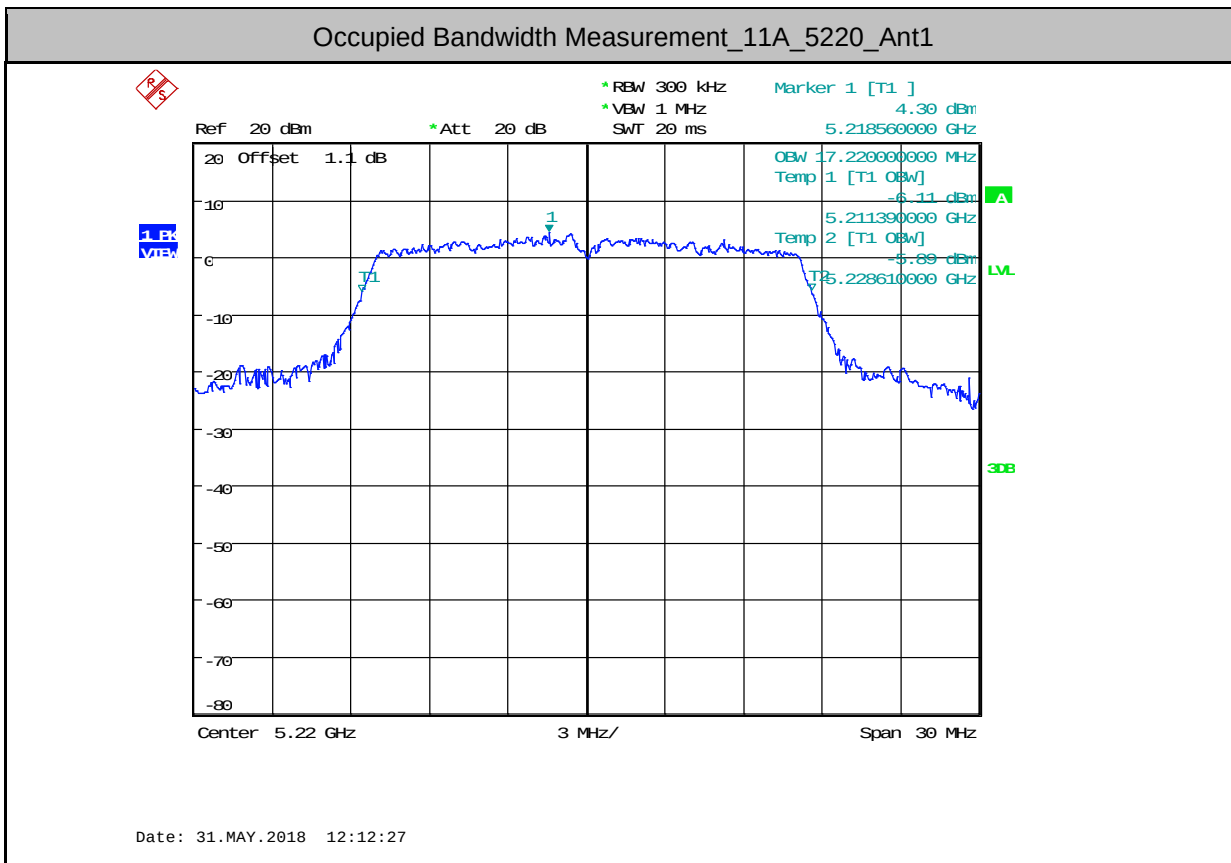
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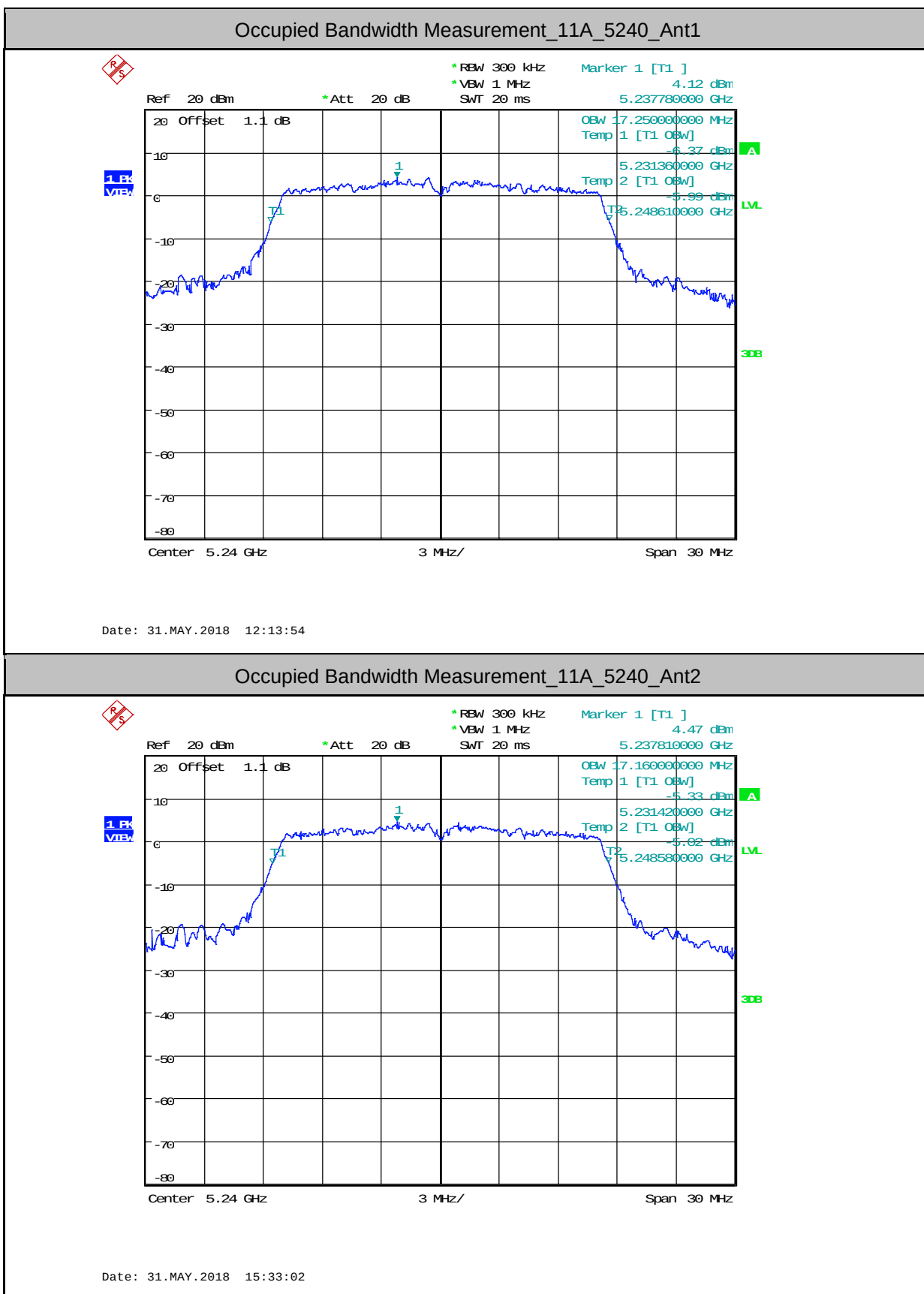
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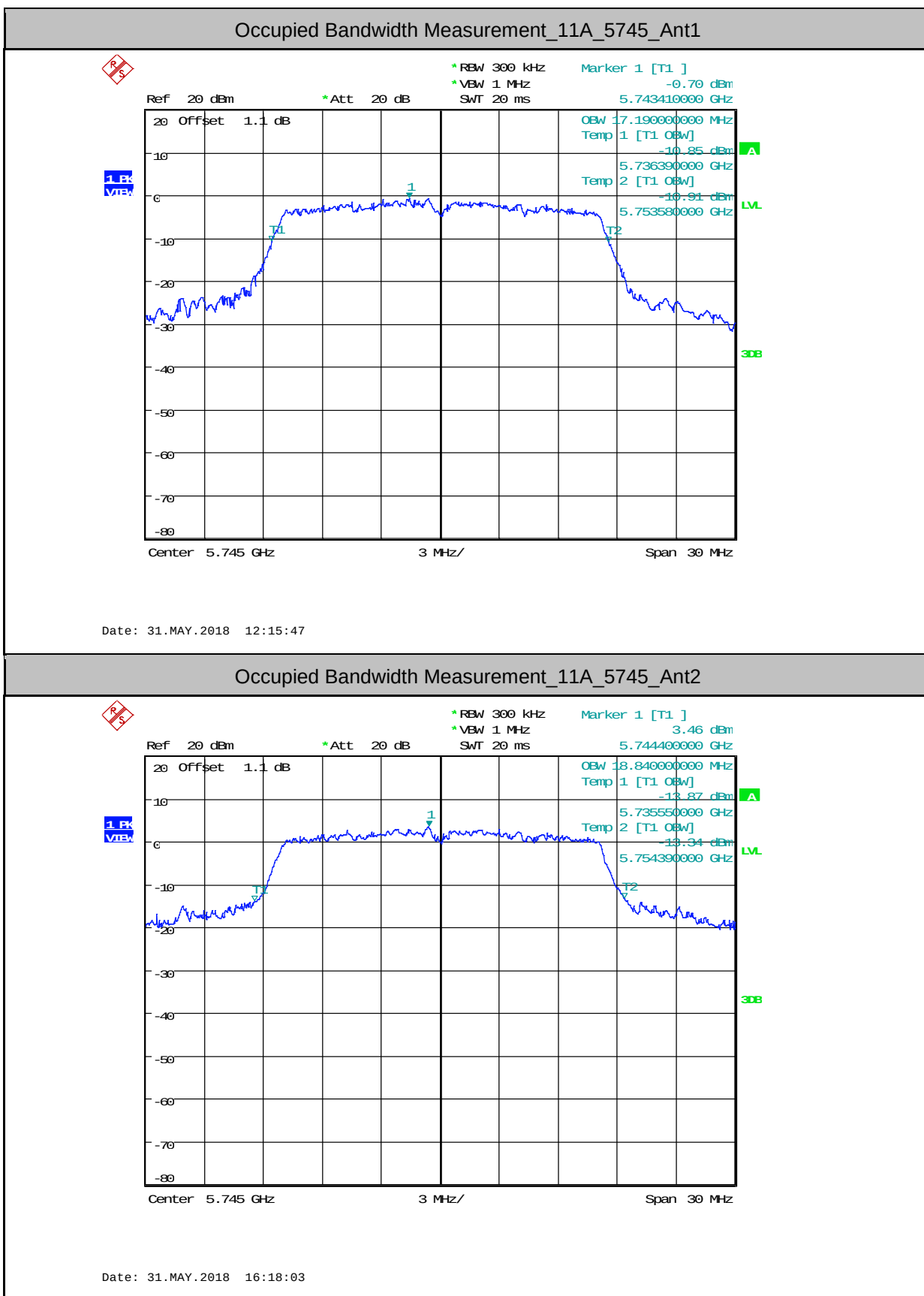
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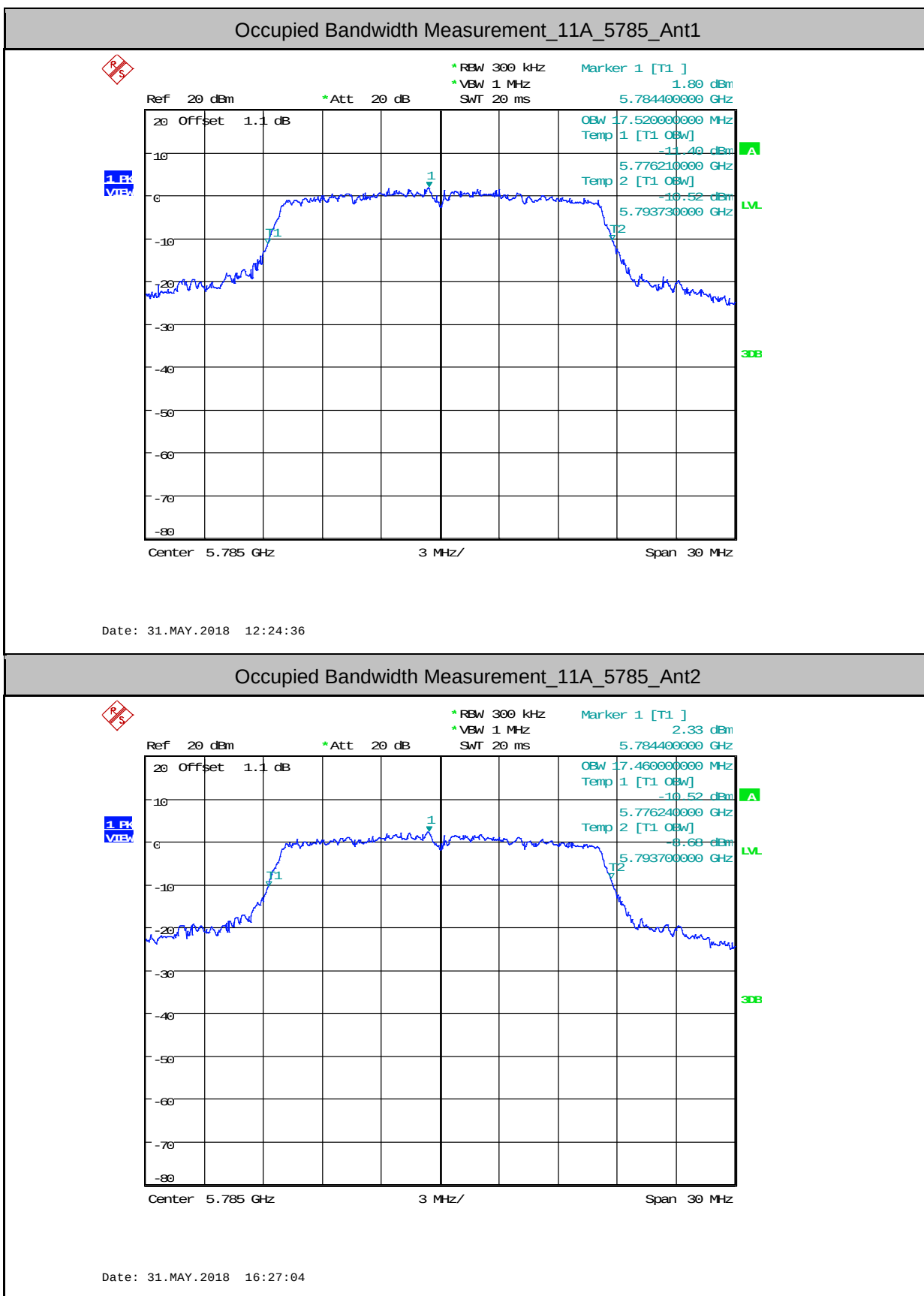
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11AC20	5180	Ant1	17.790	---	PASS
11AC20	5180	Ant2	17.790	---	PASS
11AC20	5220	Ant1	17.820	---	PASS
11AC20	5220	Ant2	17.850	---	PASS
11AC20	5240	Ant1	17.850	---	PASS
11AC20	5240	Ant2	17.820	---	PASS
11AC20	5745	Ant1	18.330	---	PASS
11AC20	5745	Ant2	18.420	---	PASS
11AC20	5785	Ant1	18.450	---	PASS
11AC20	5785	Ant2	18.330	---	PASS
11AC20	5825	Ant1	18.240	---	PASS
11AC20	5825	Ant2	18.360	---	PASS
11AC80	5210	Ant1	75.480	---	PASS
11AC80	5210	Ant2	75.240	---	PASS
11AC80	5775	Ant1	76.200	---	PASS
11AC80	5775	Ant2	76.080	---	PASS
11AC40	5190	Ant1	36.240	---	PASS
11AC40	5190	Ant2	36.300	---	PASS
11AC40	5230	Ant1	36.300	---	PASS
11AC40	5230	Ant2	36.300	---	PASS
11AC40	5755	Ant1	37.140	---	PASS
11AC40	5755	Ant2	37.200	---	PASS
11AC40	5795	Ant1	37.020	---	PASS
11AC40	5795	Ant2	37.260	---	PASS



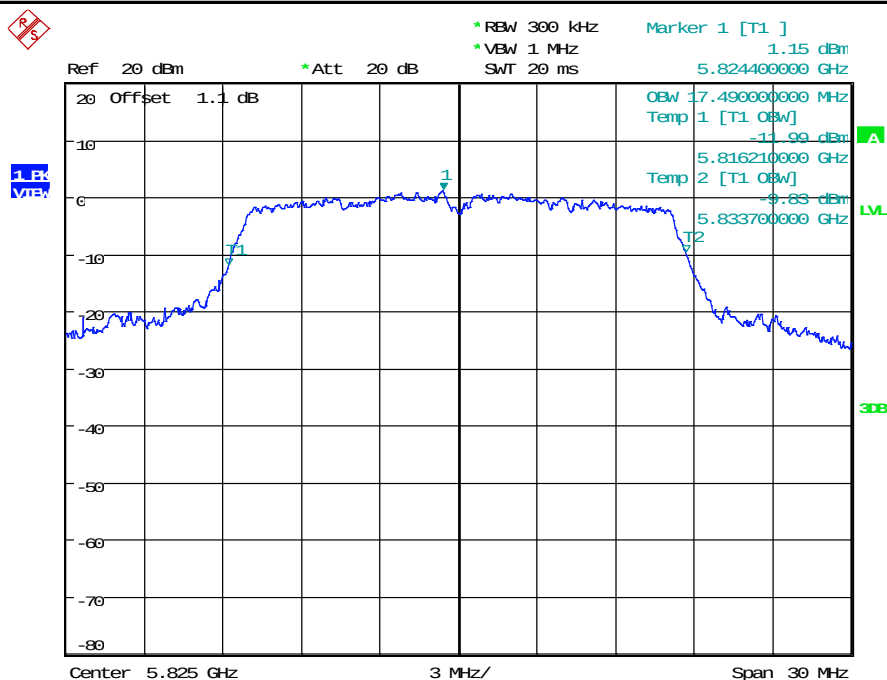






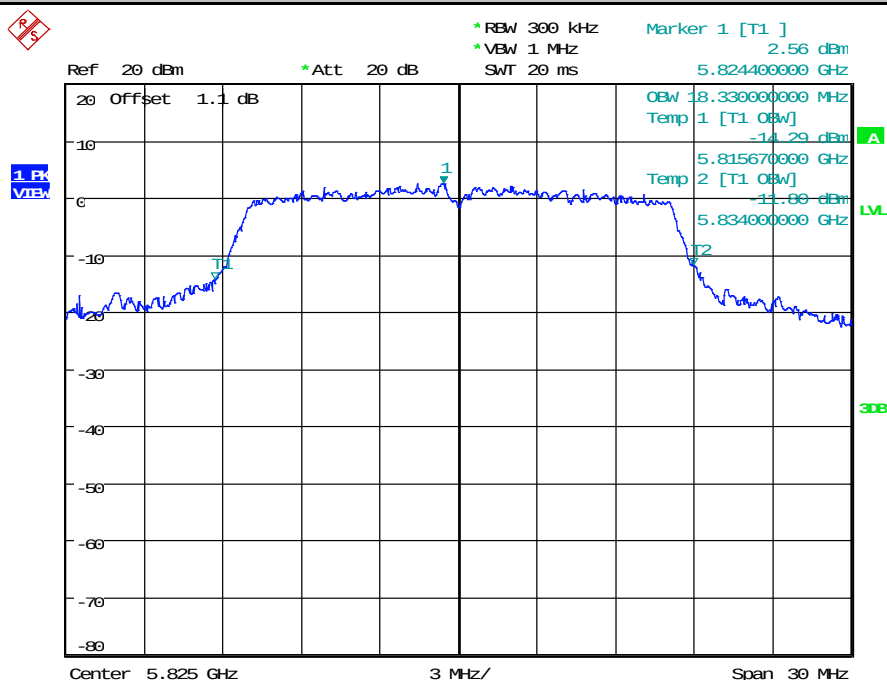


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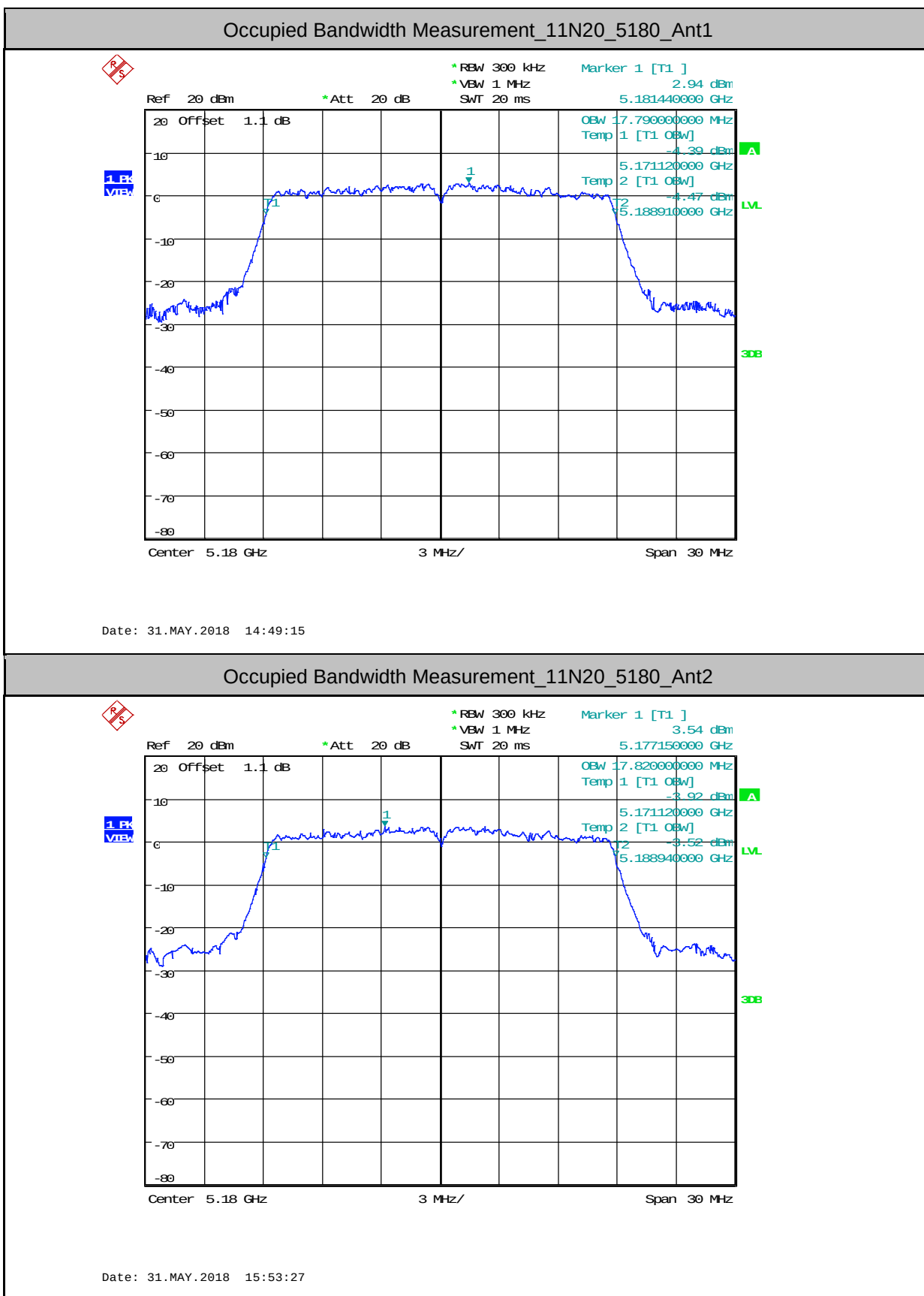


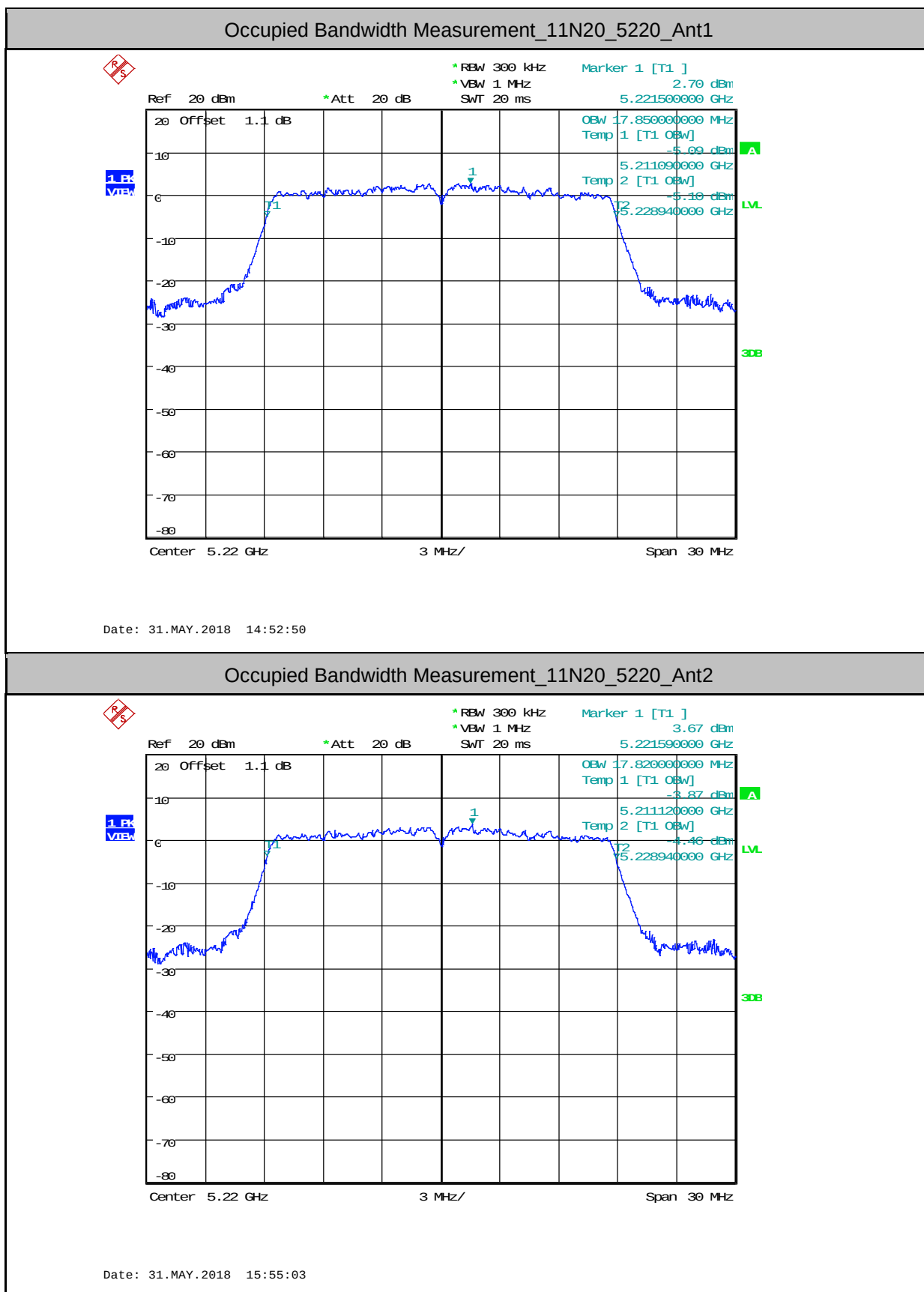
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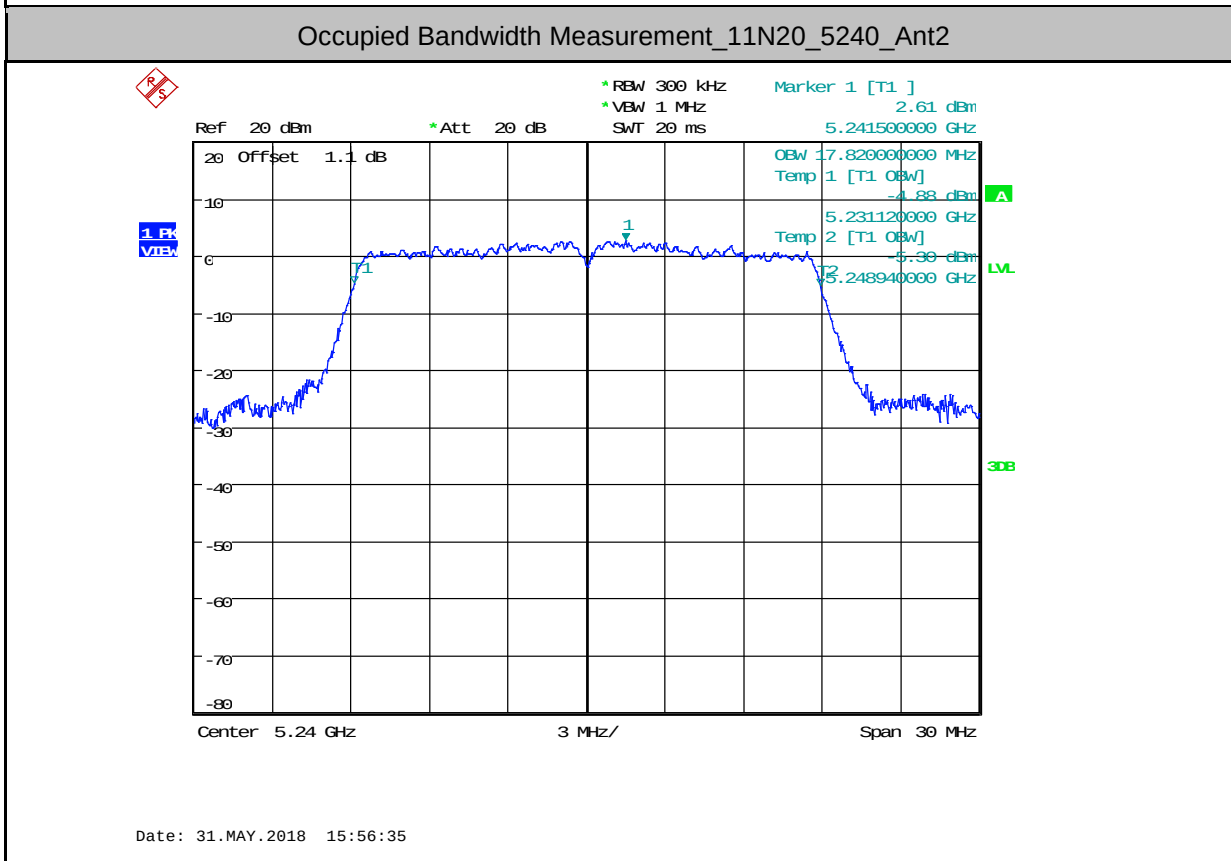
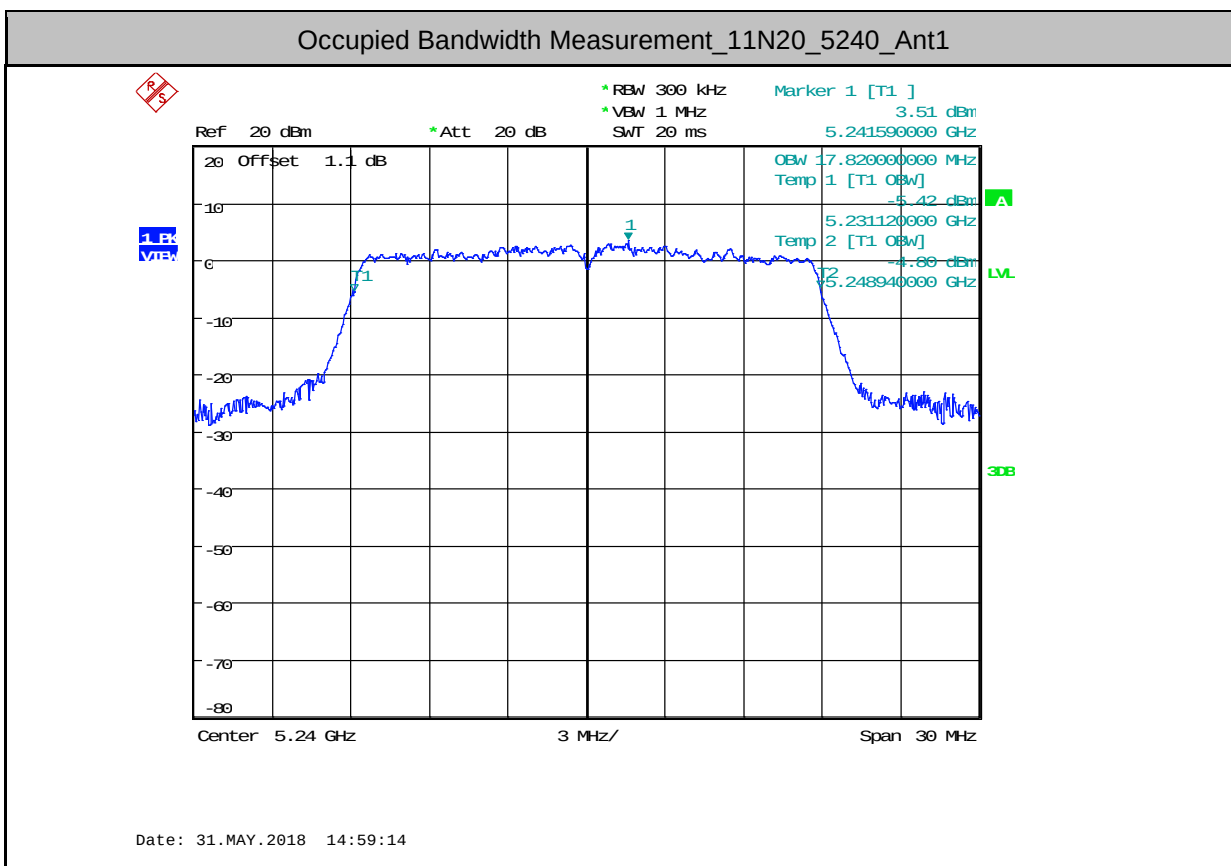
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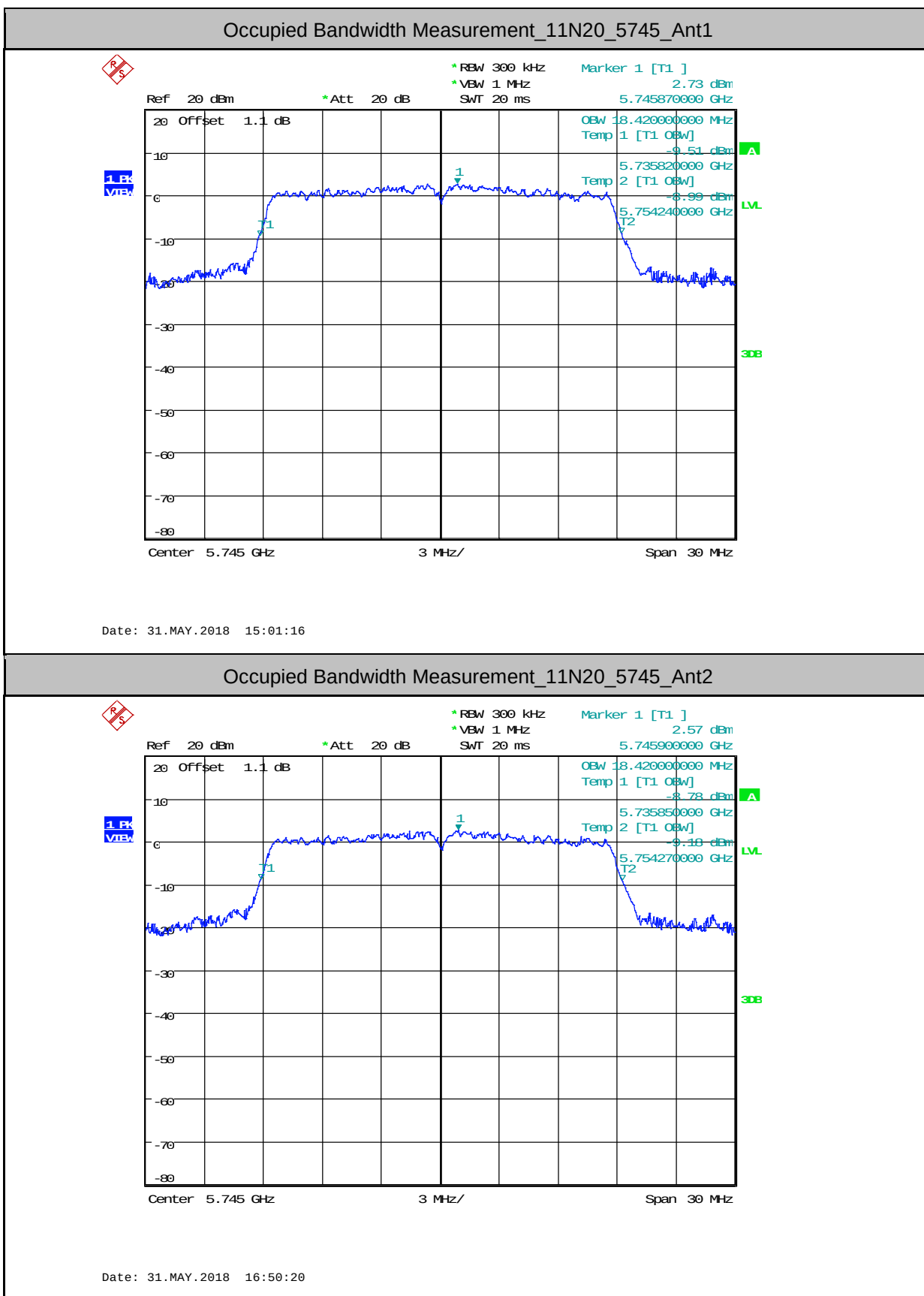


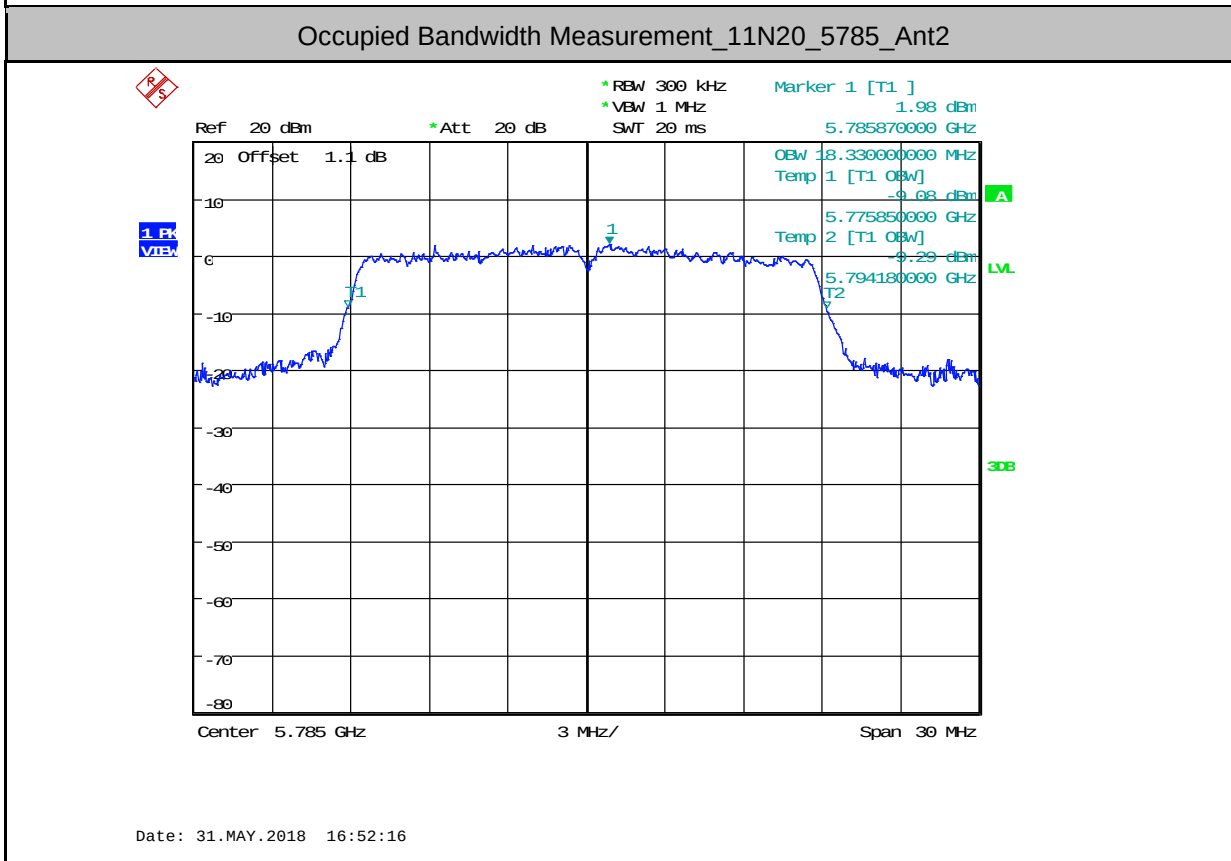
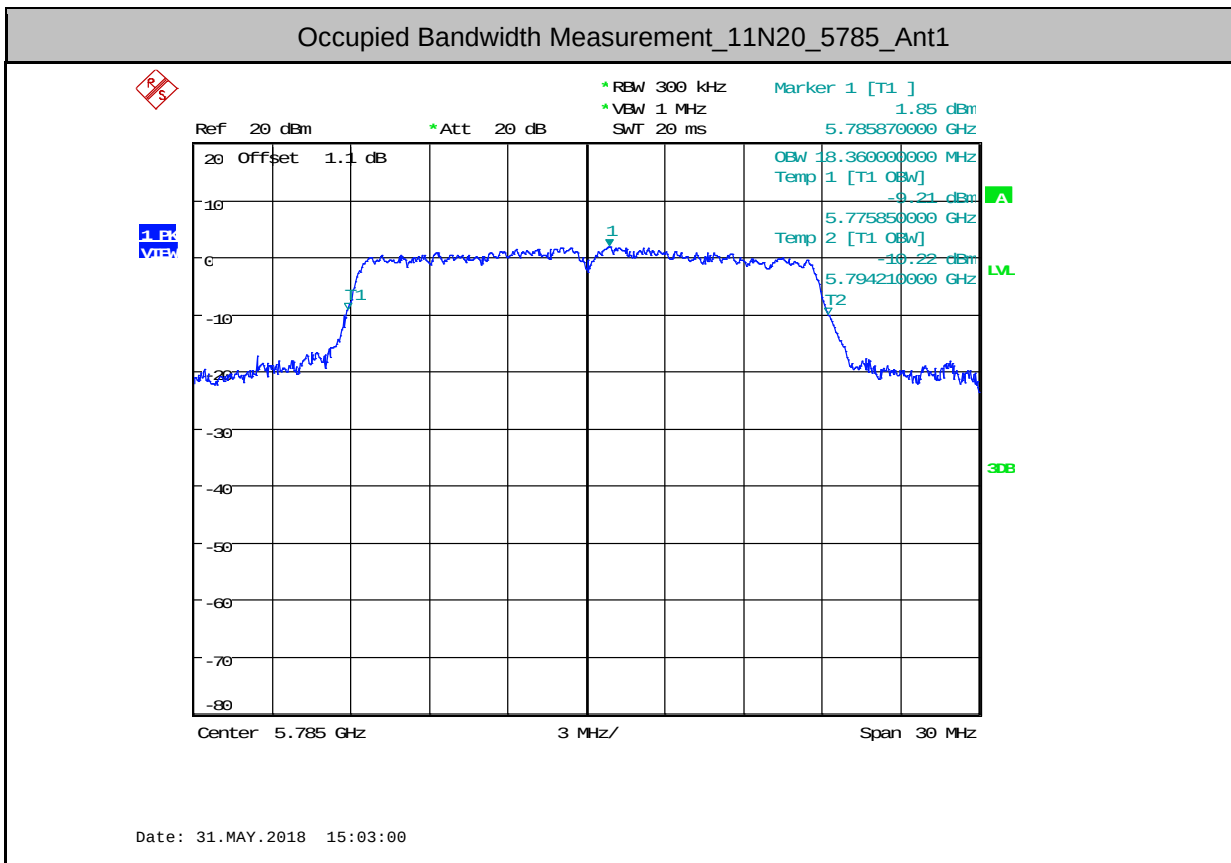
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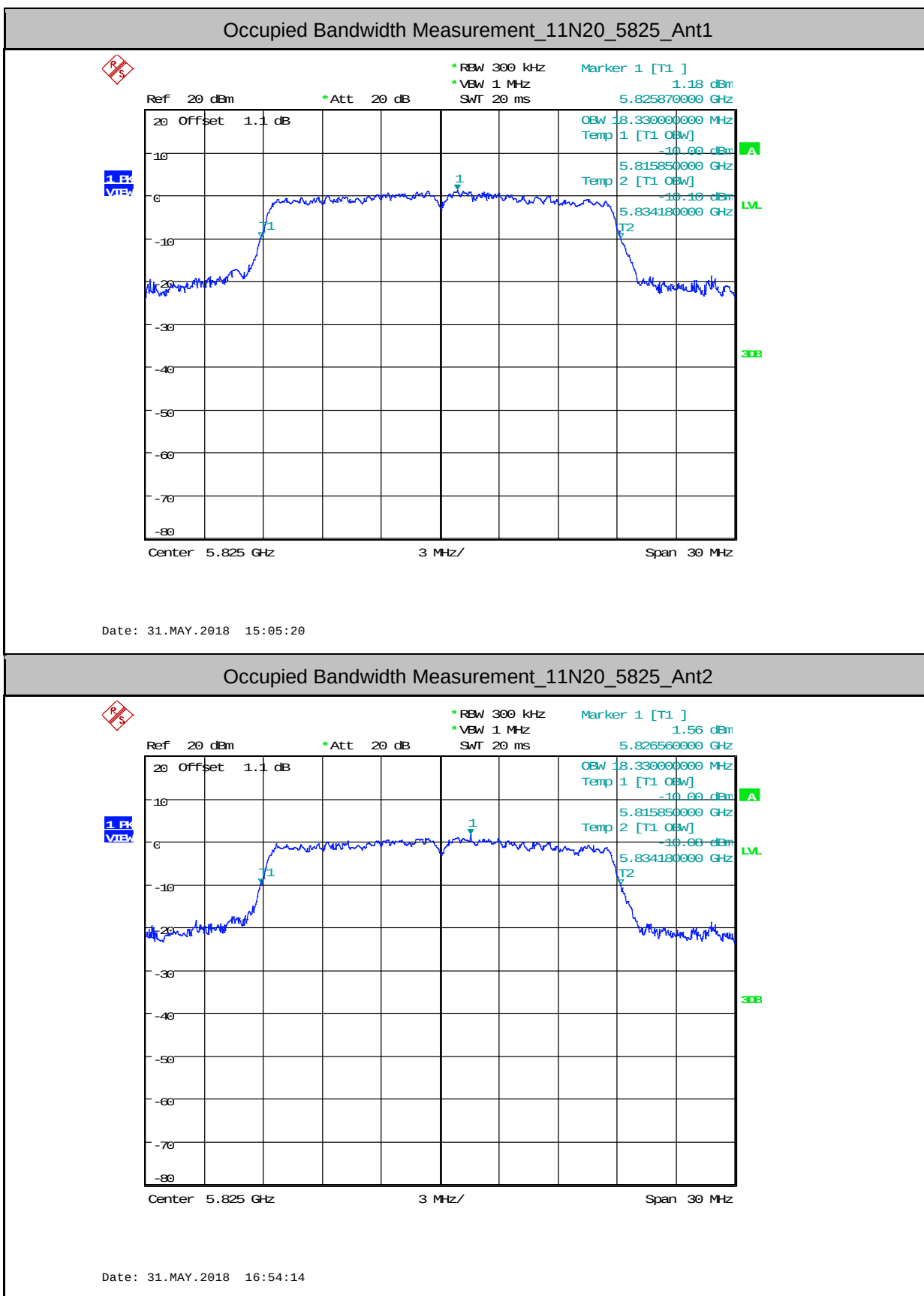


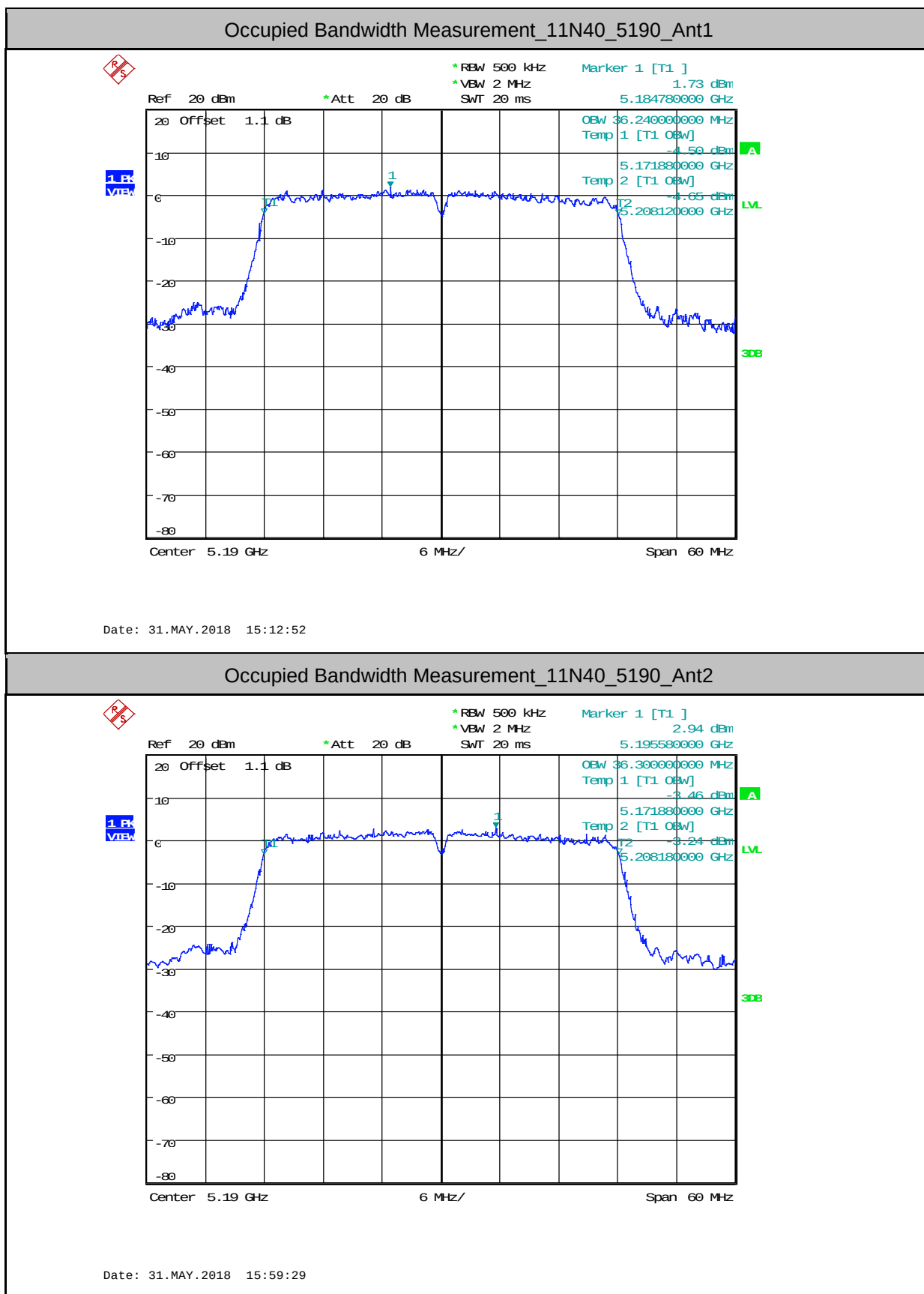


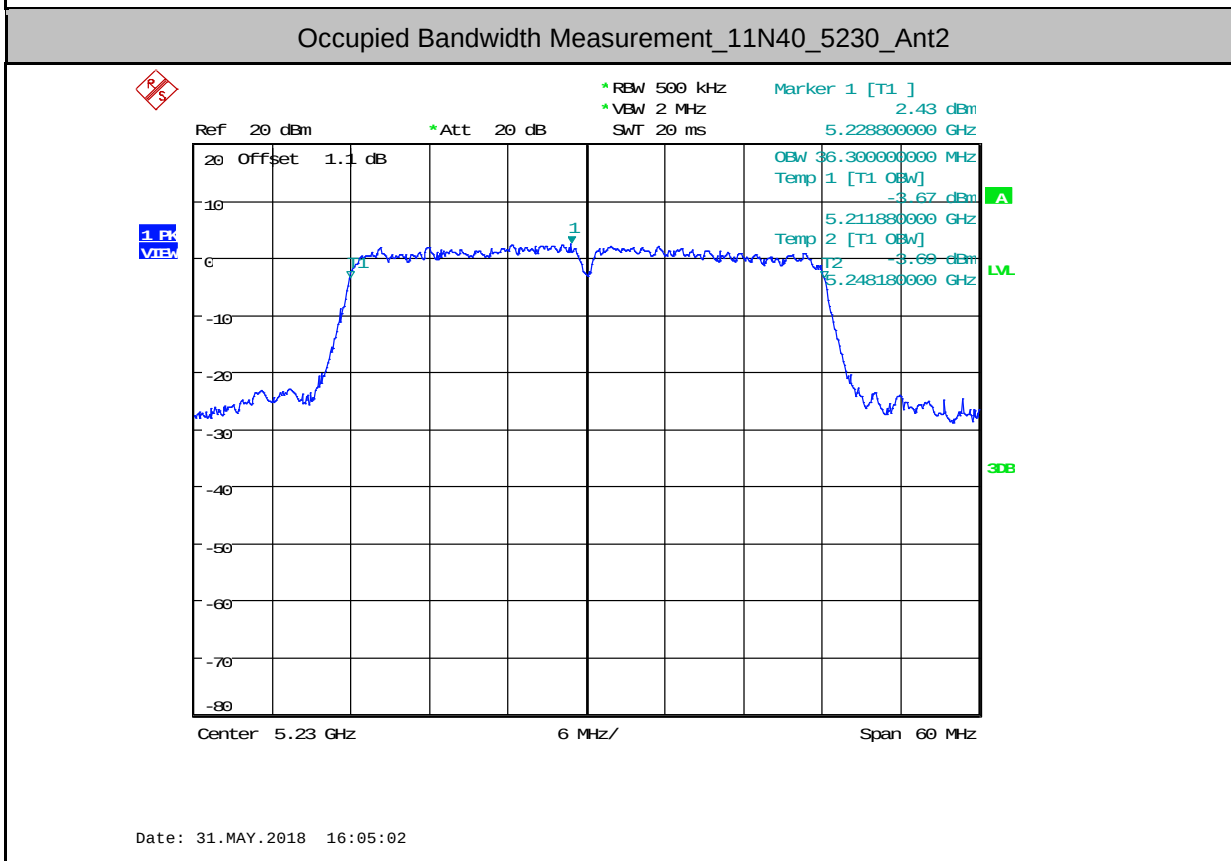
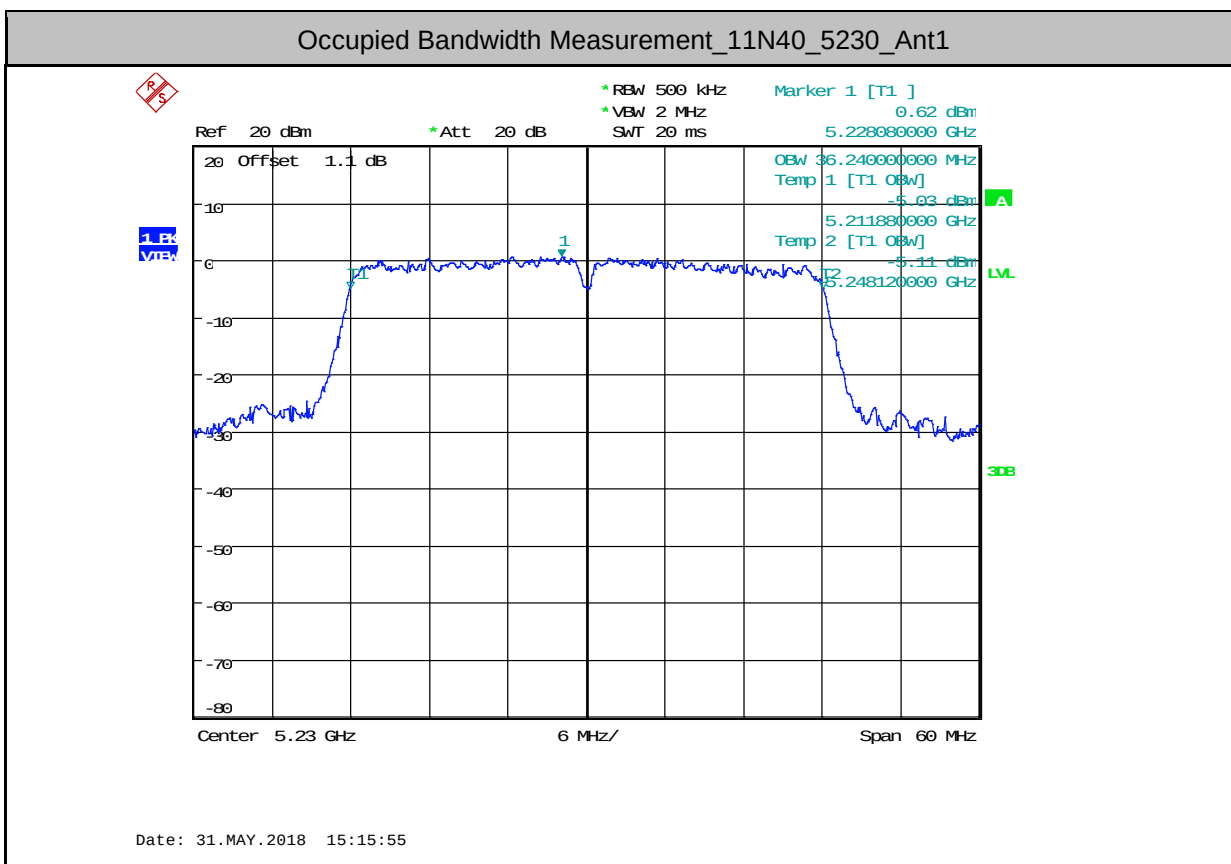


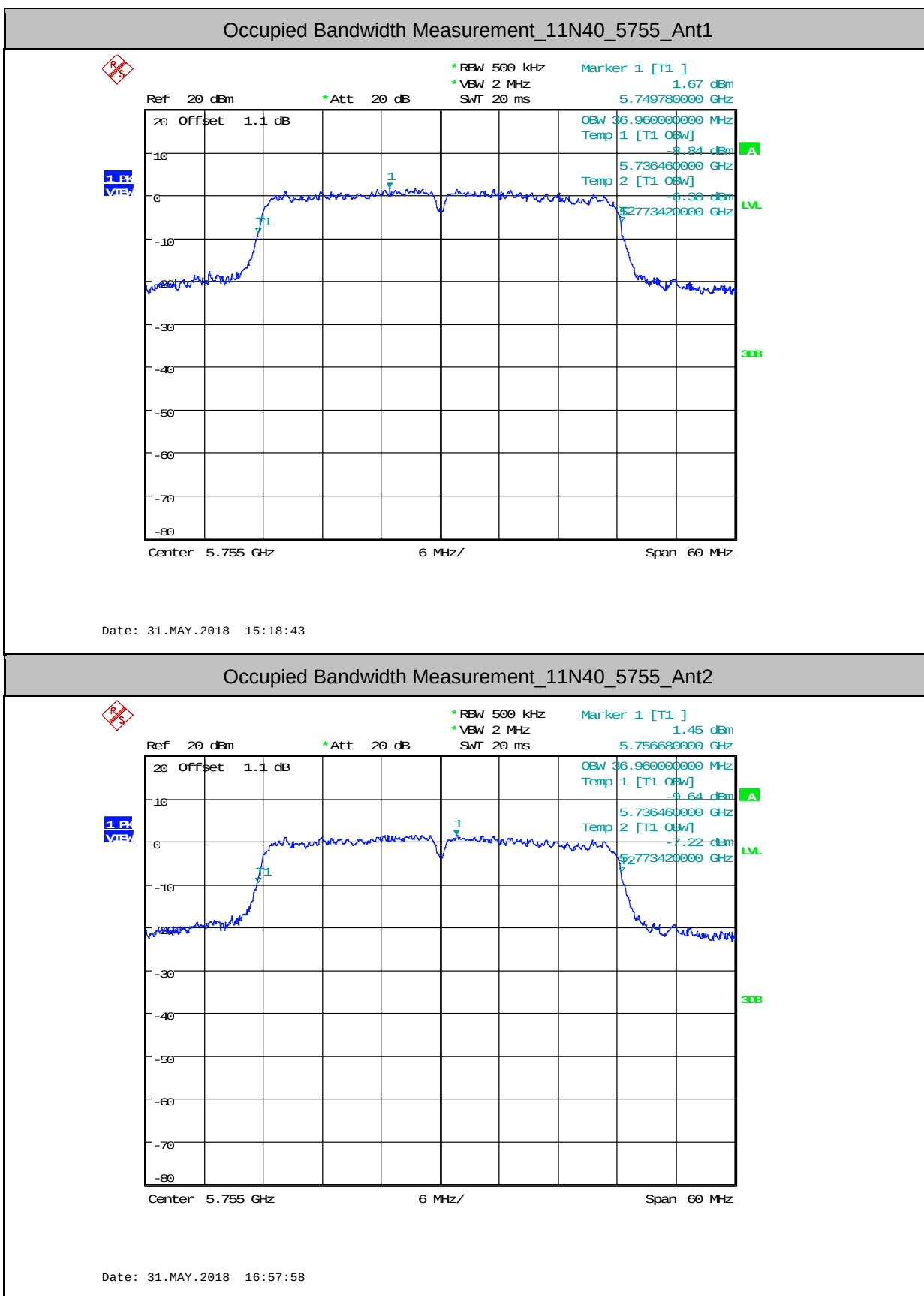


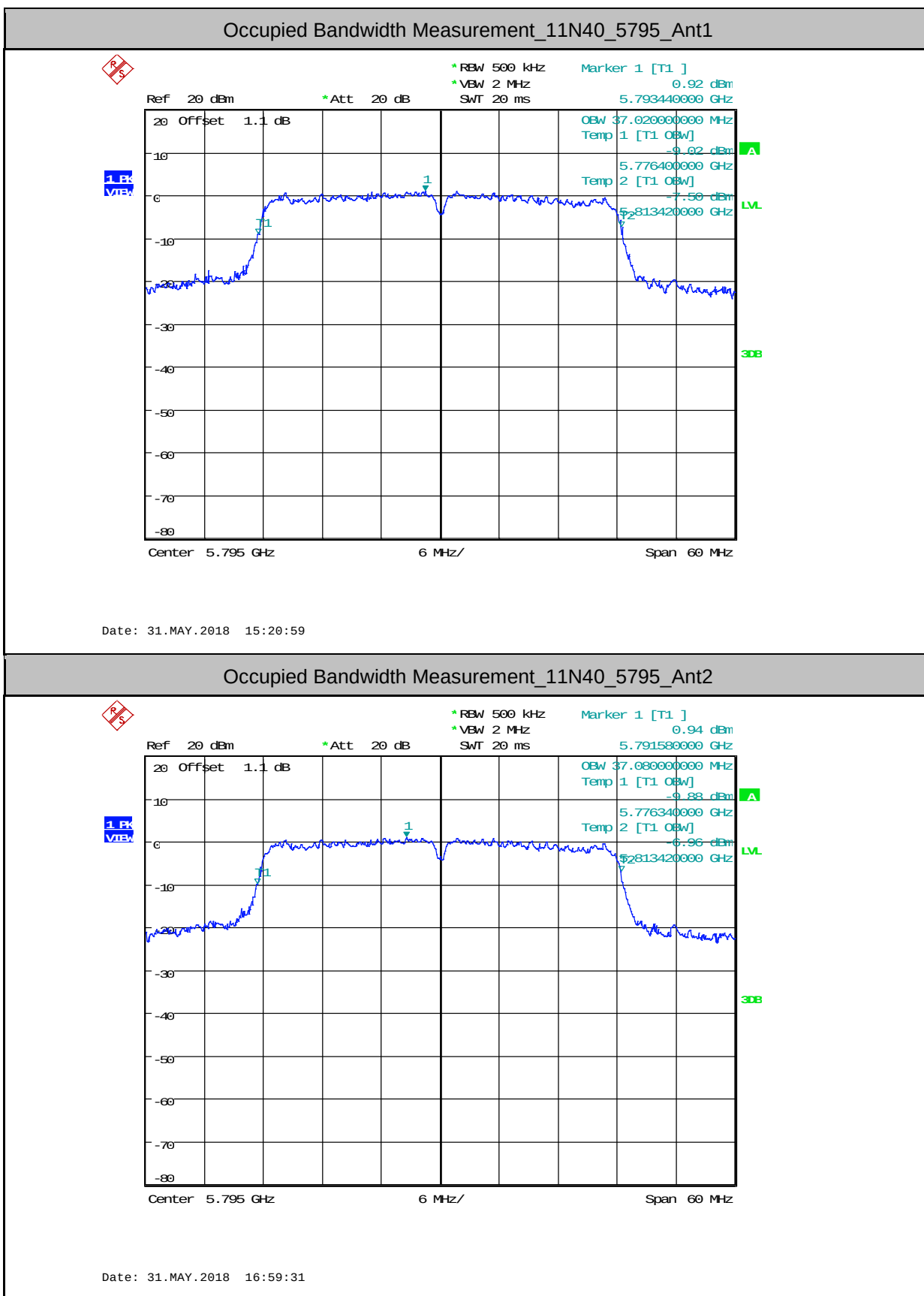


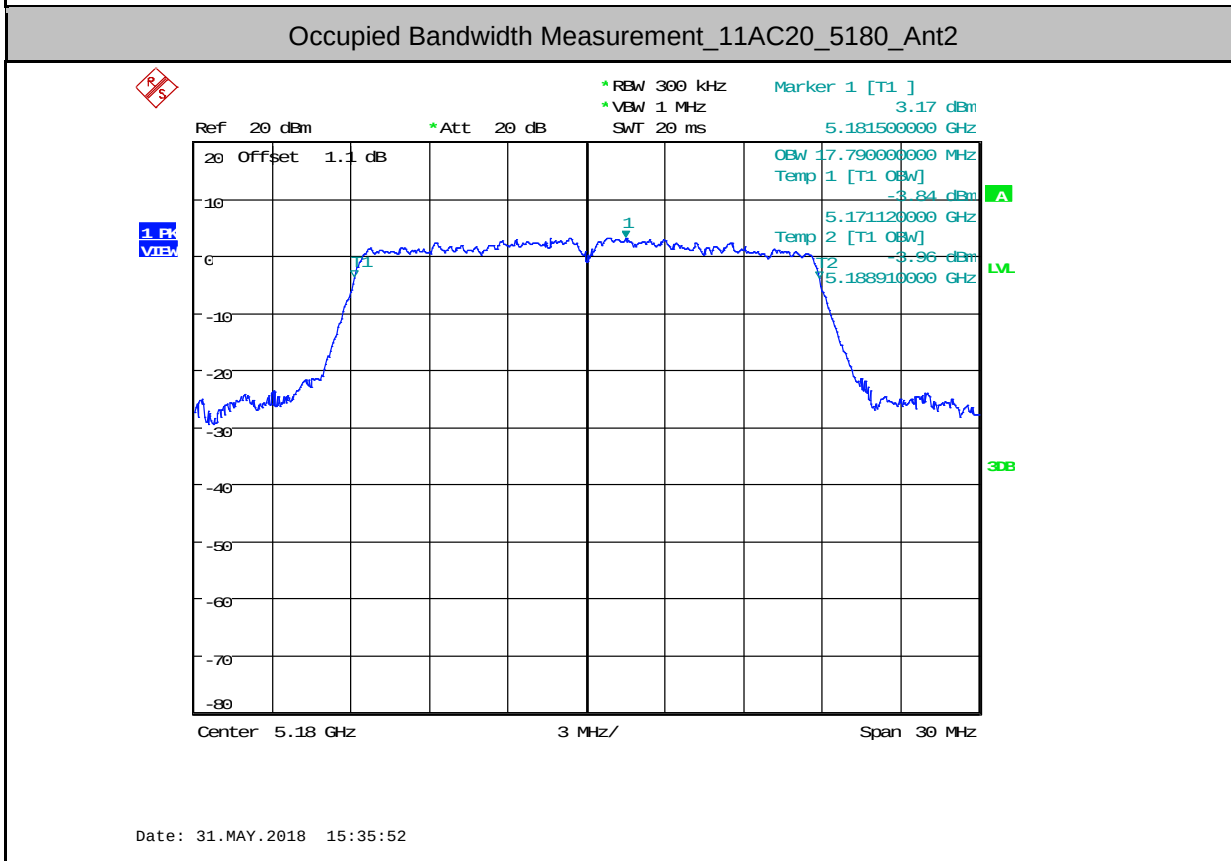
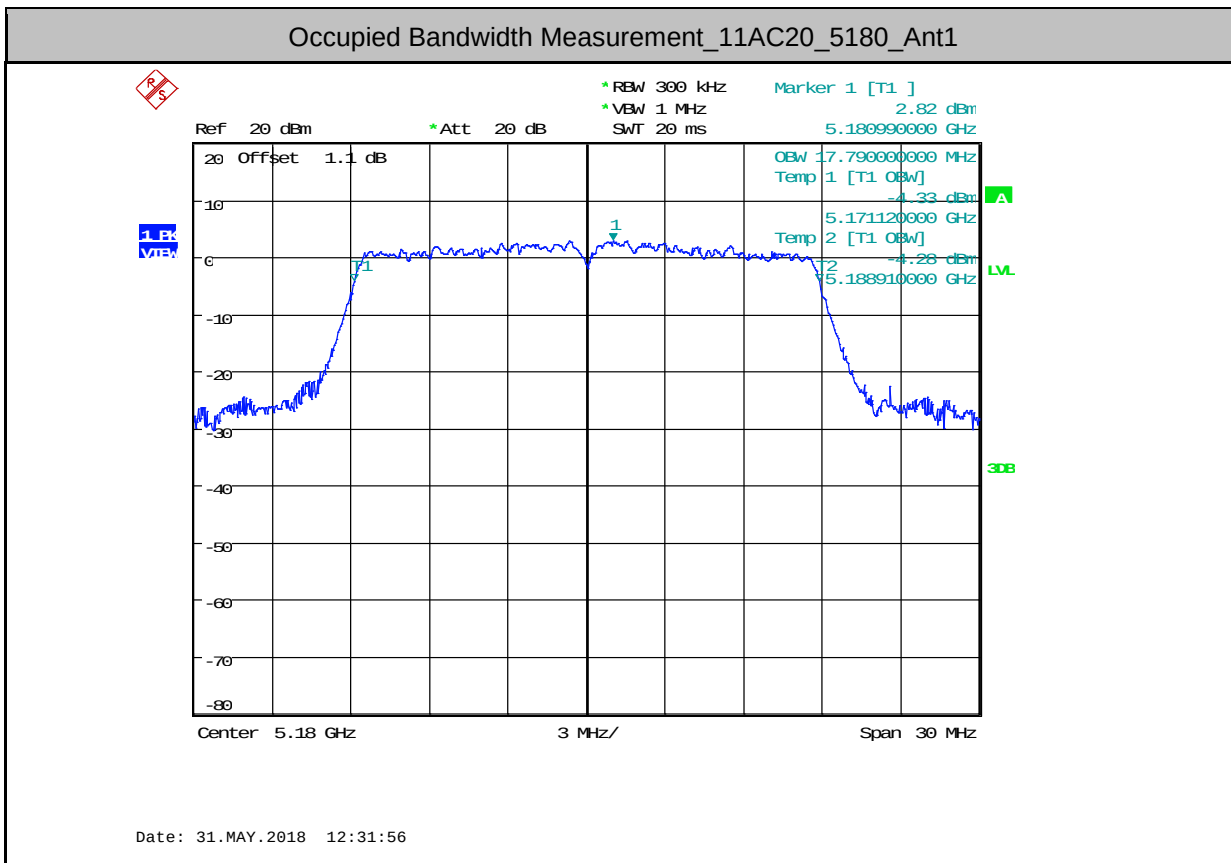


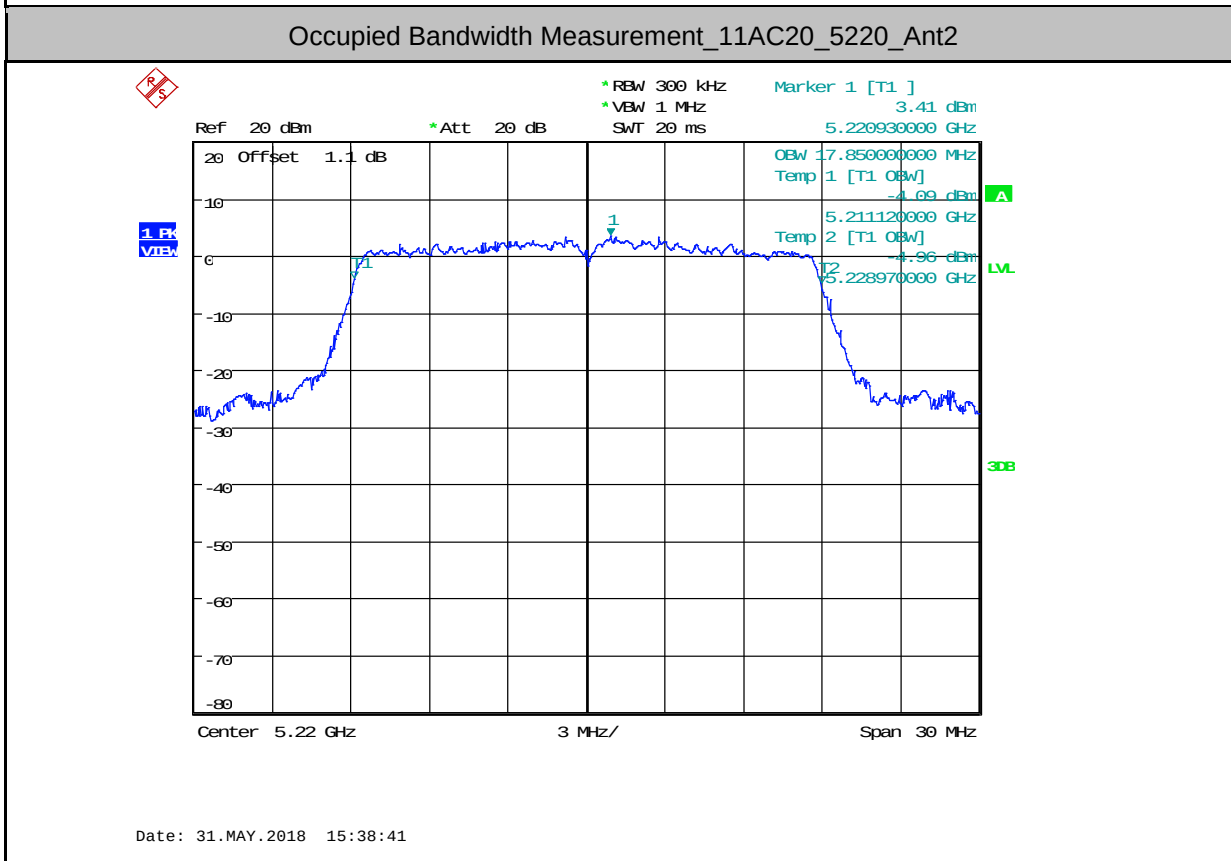
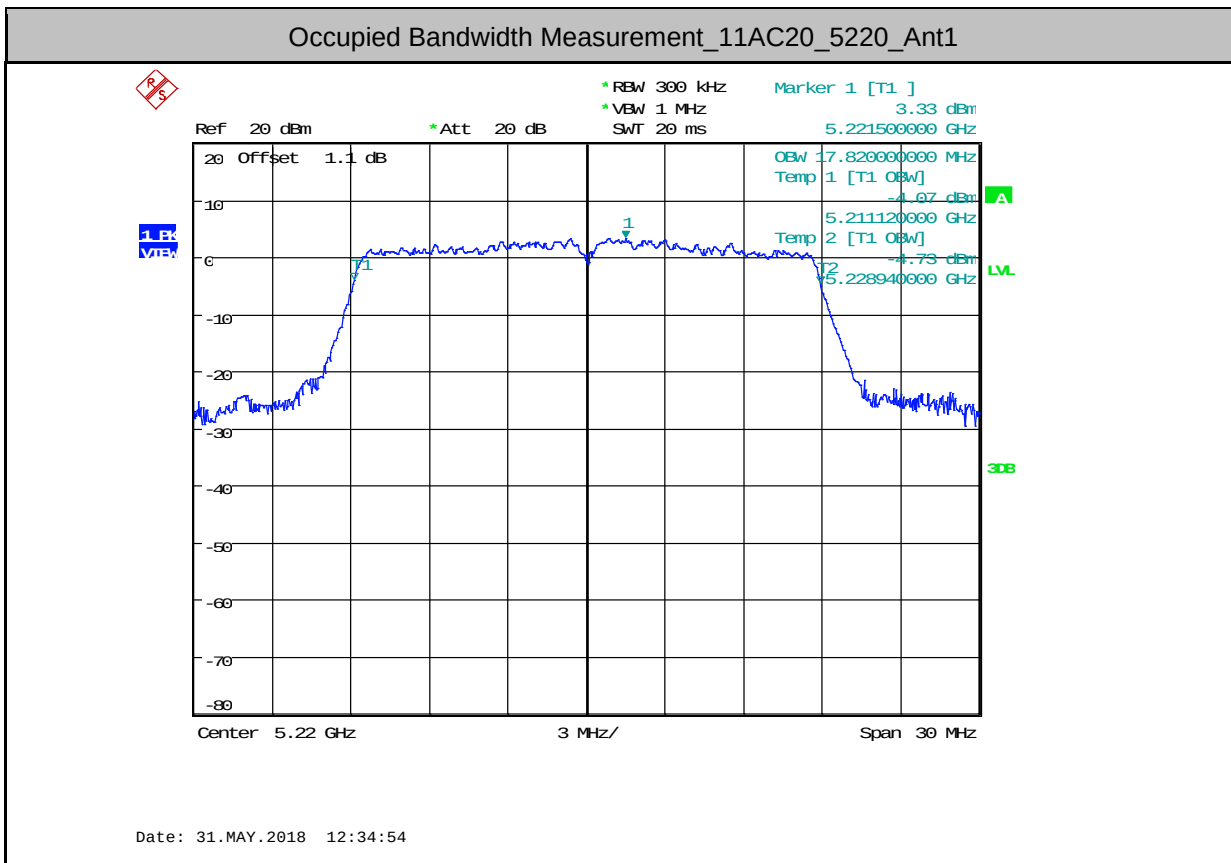


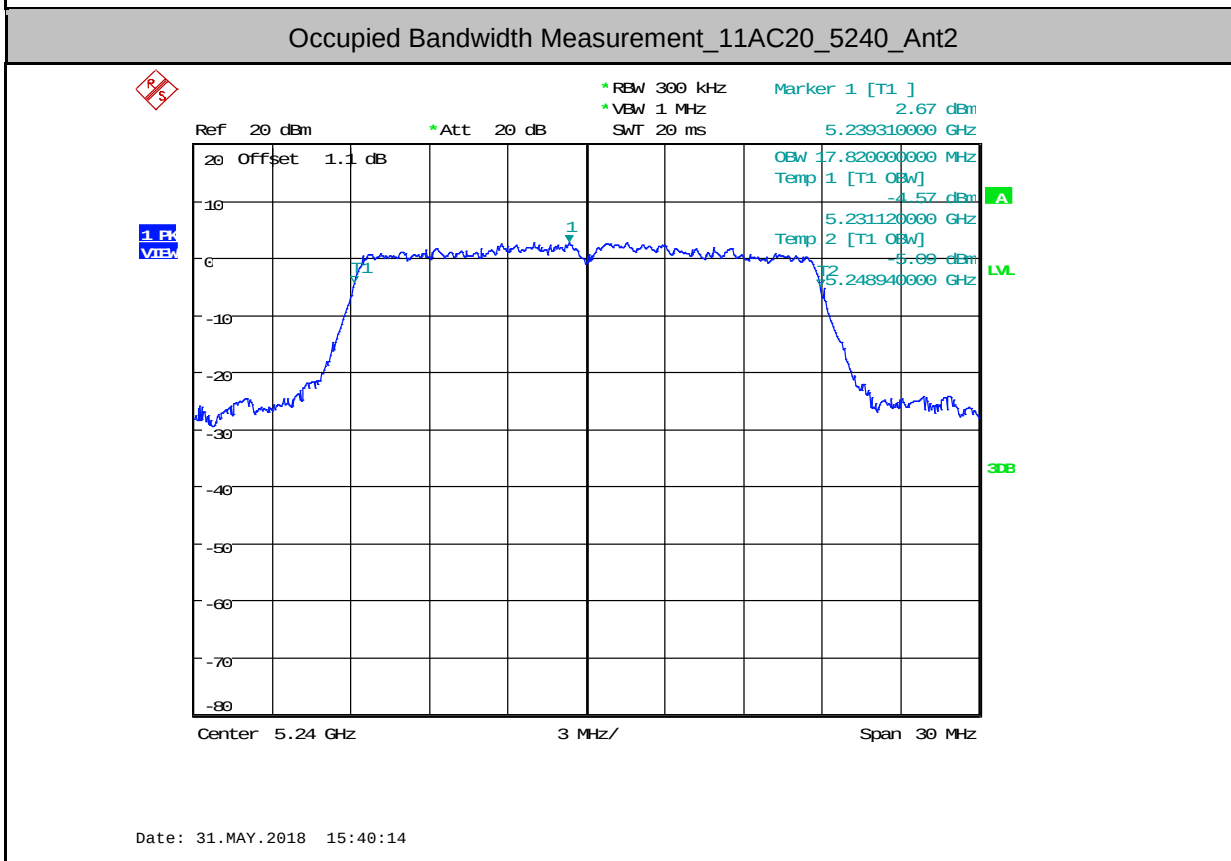
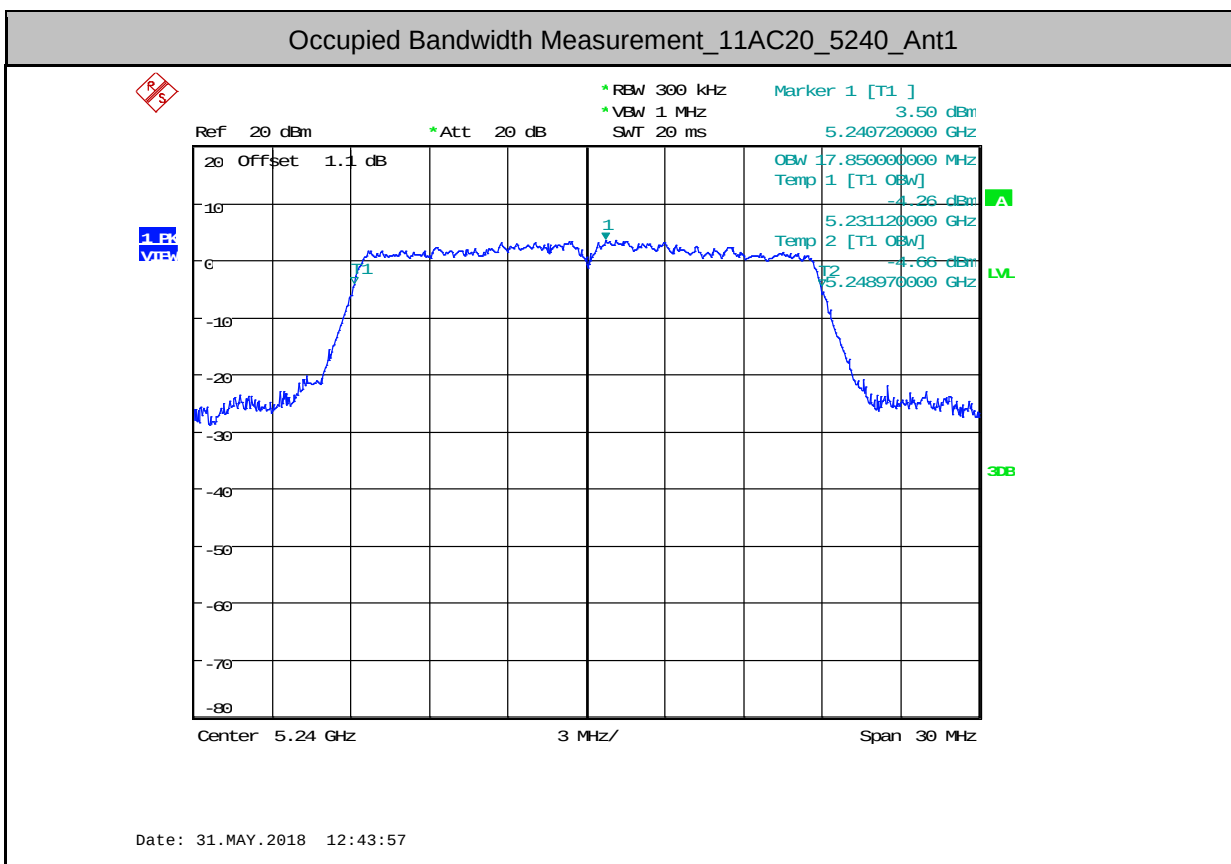


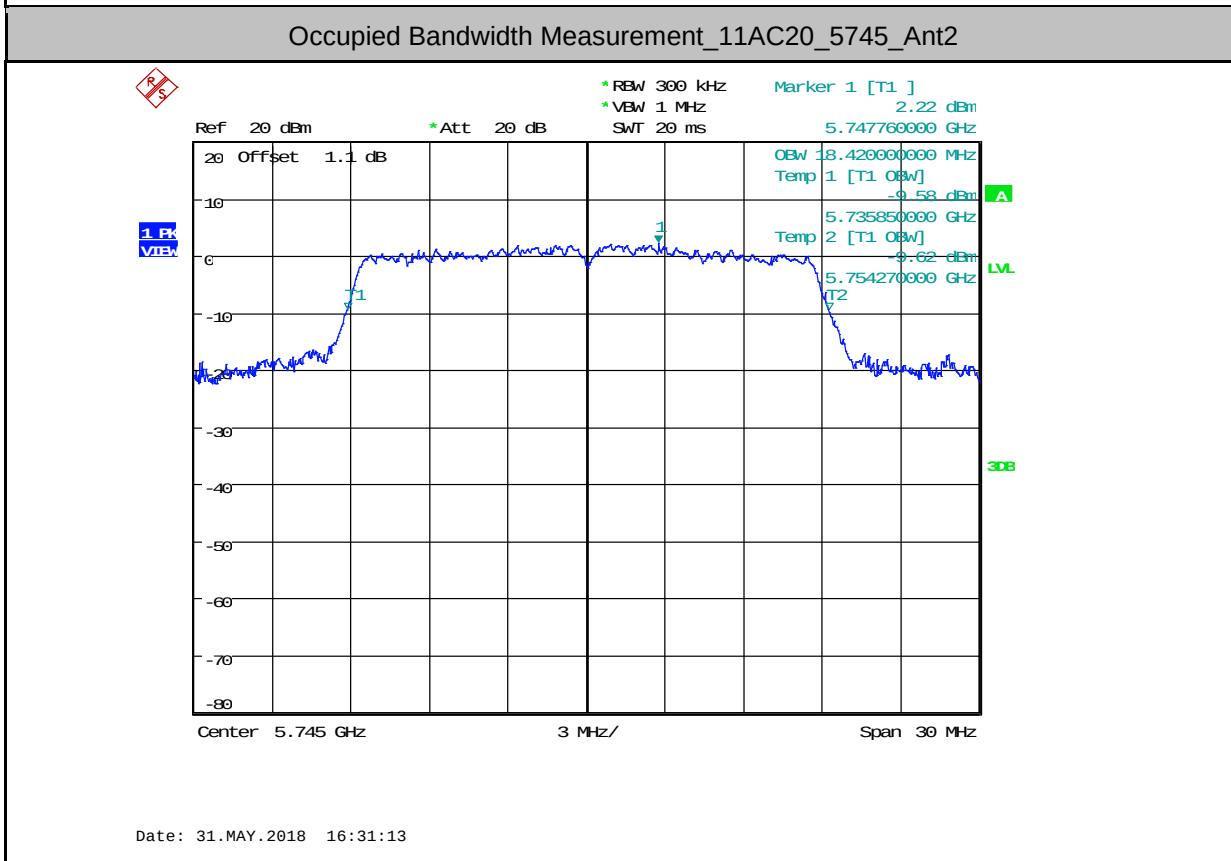
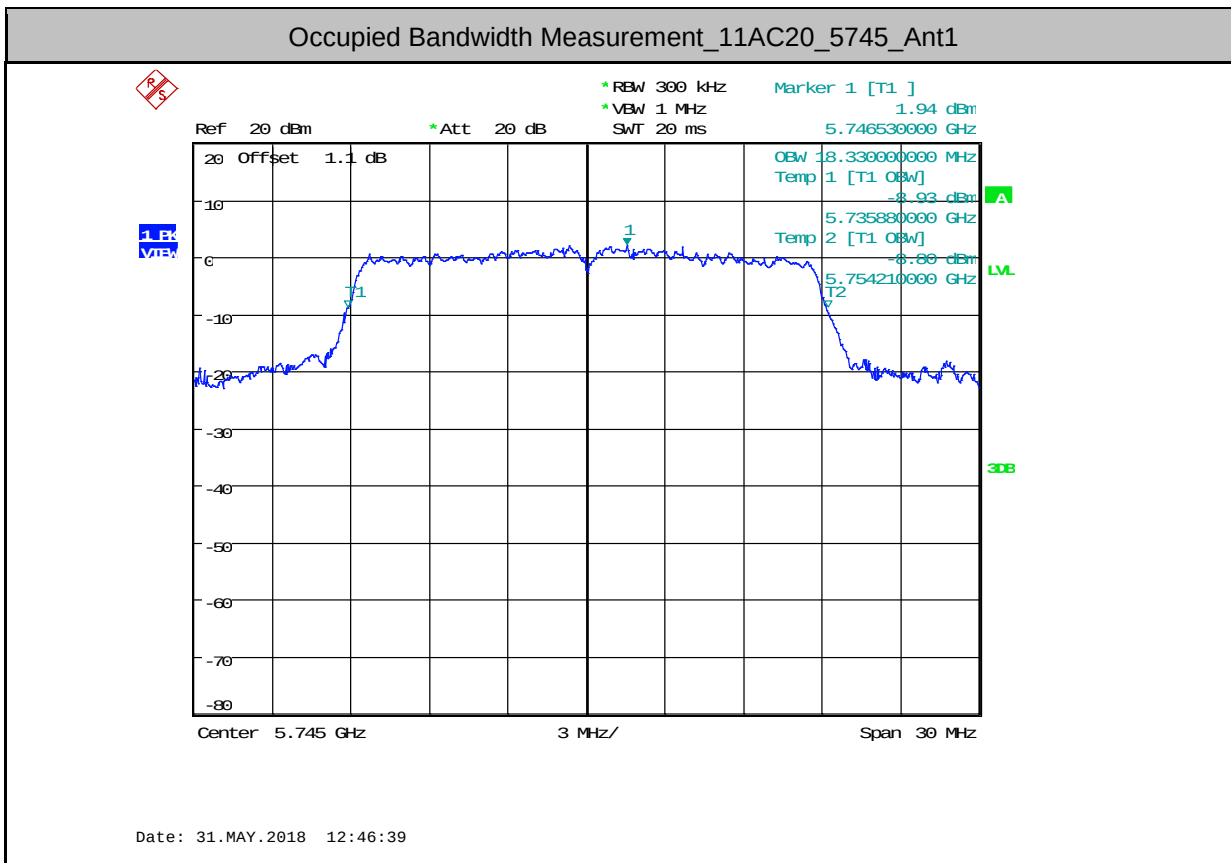


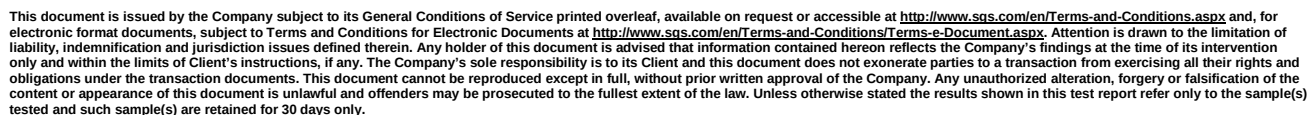


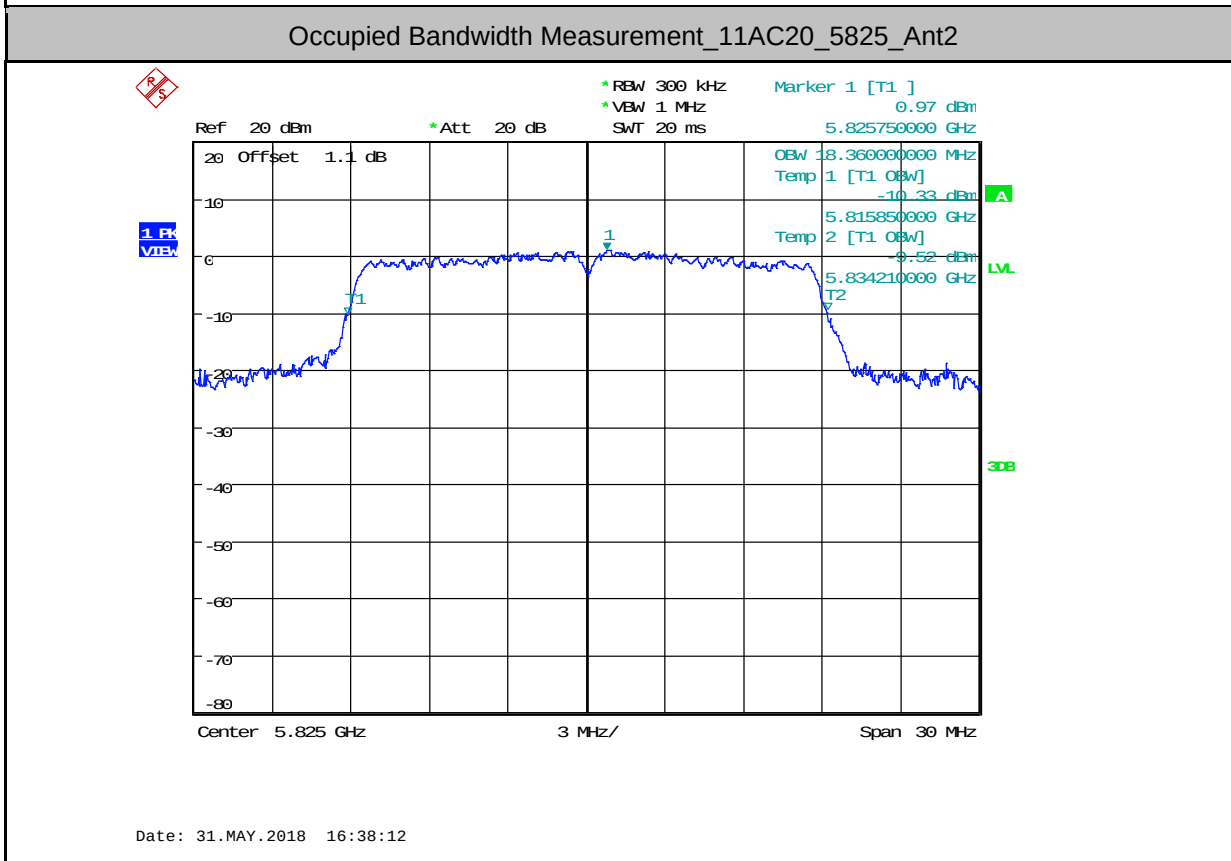
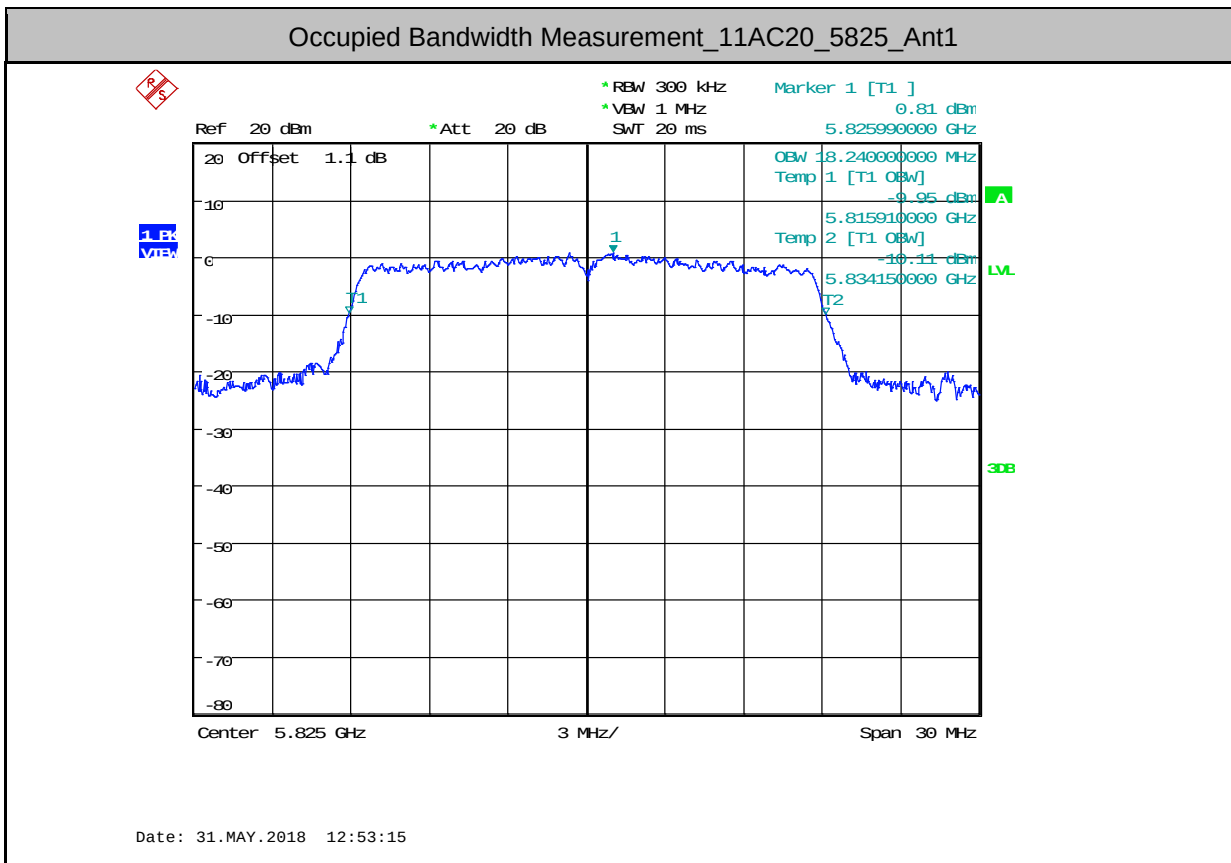


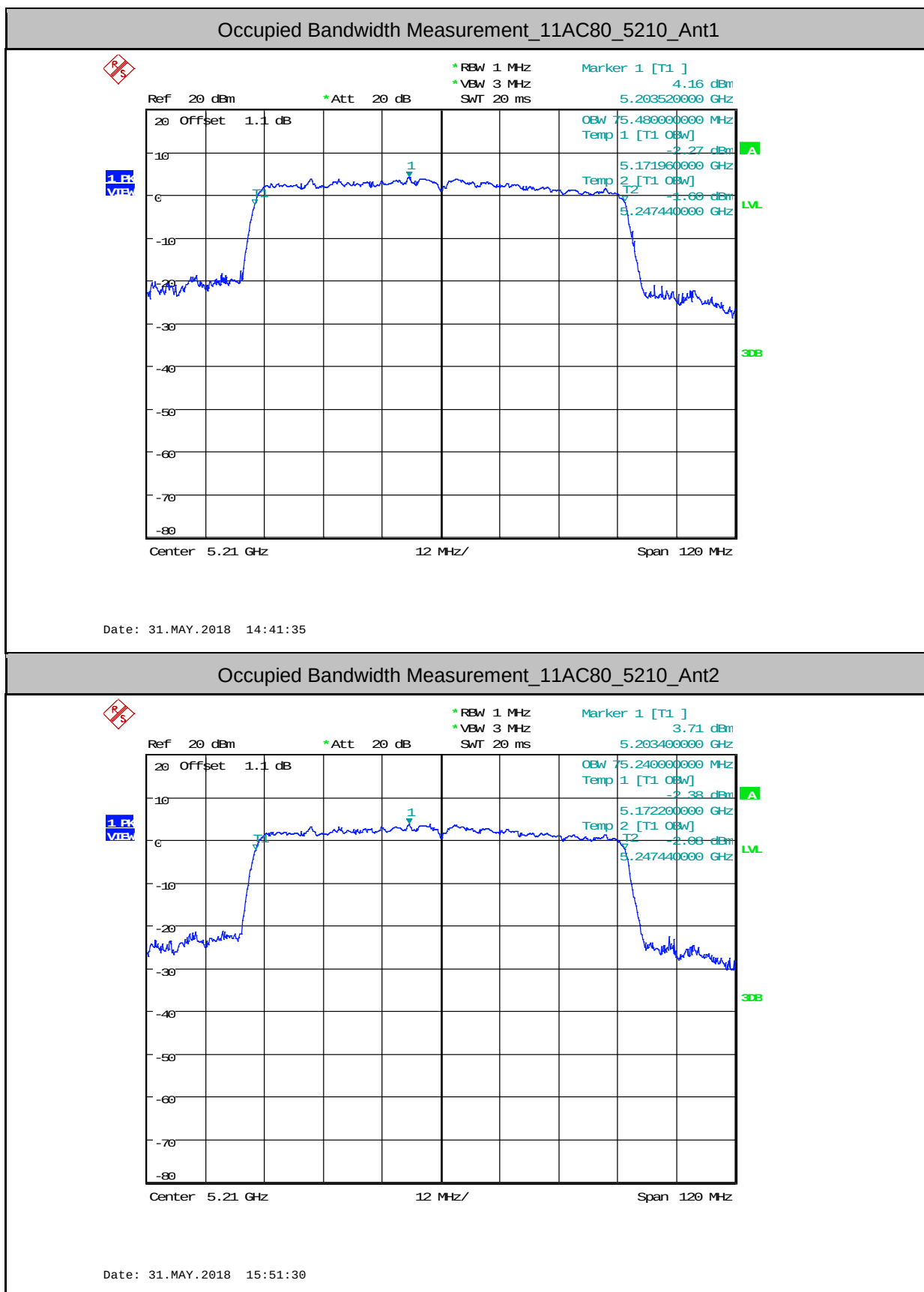


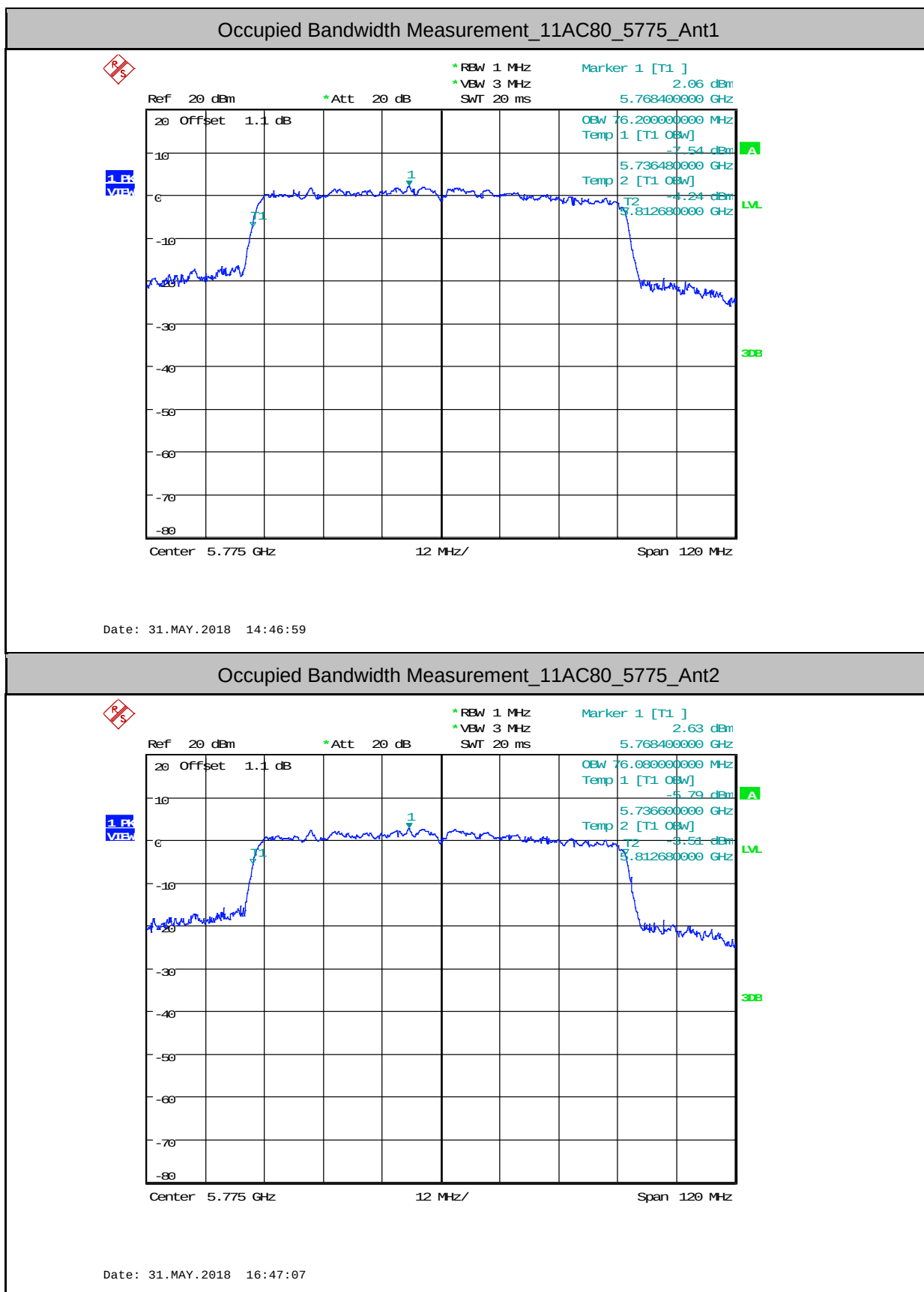


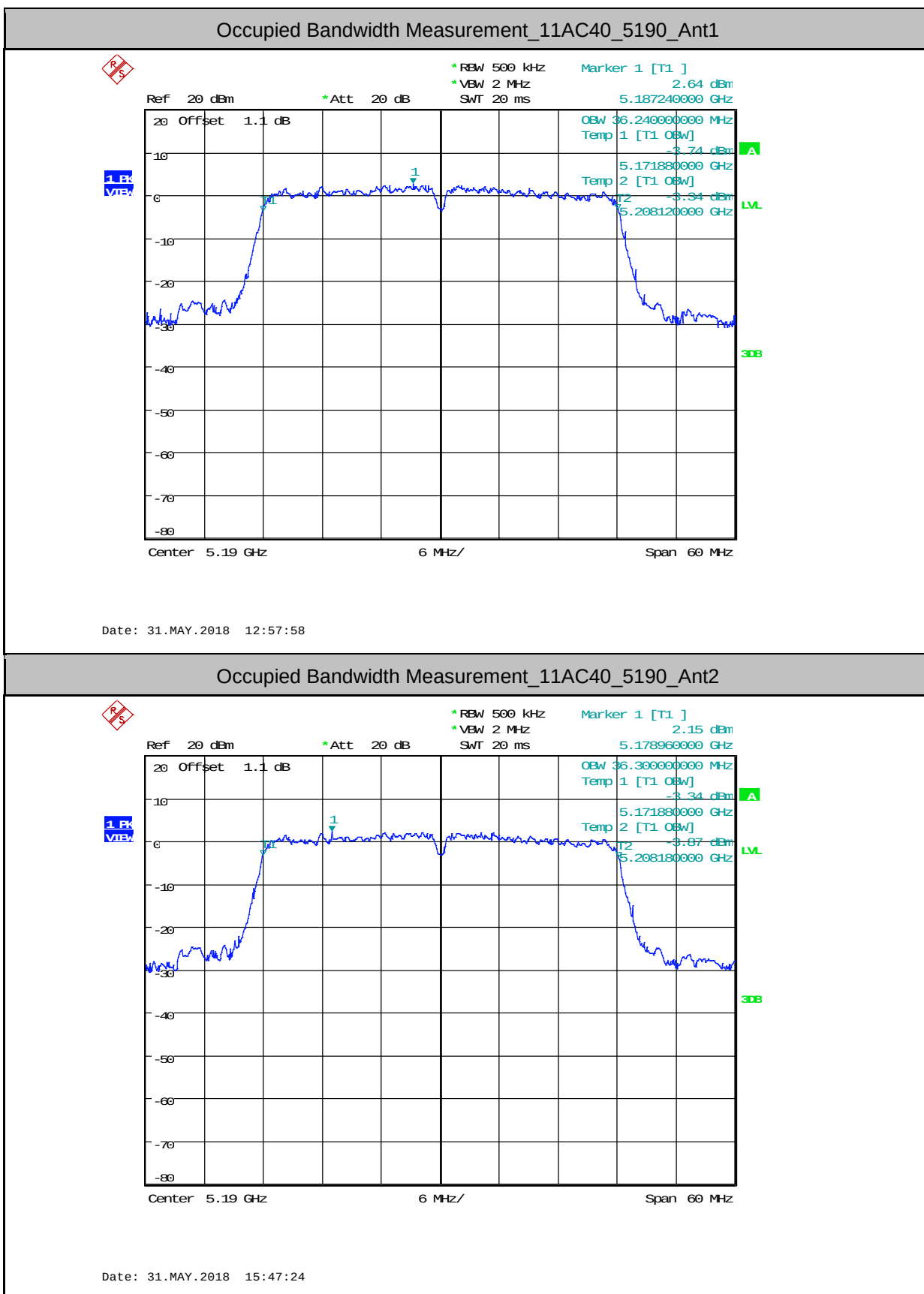


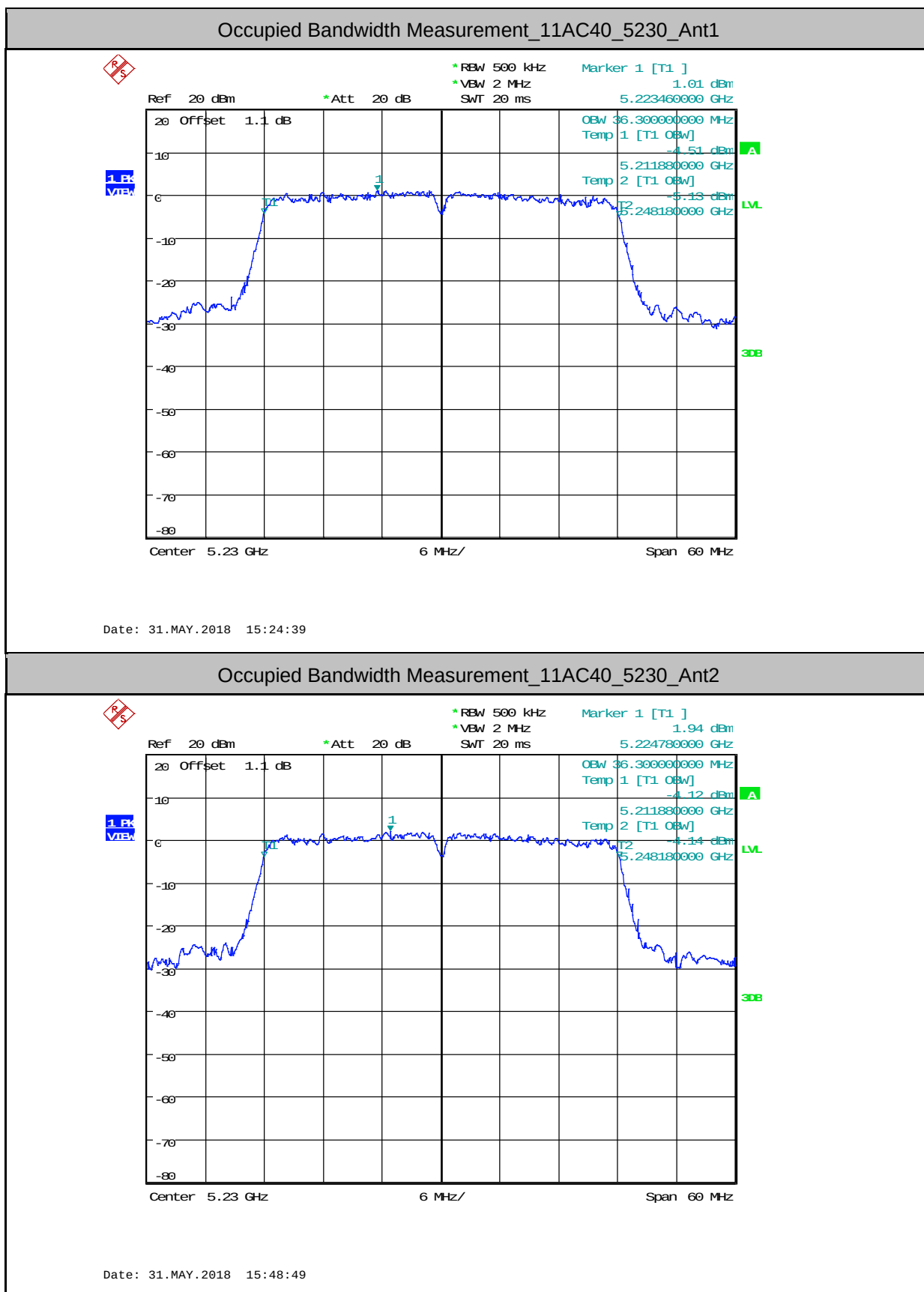


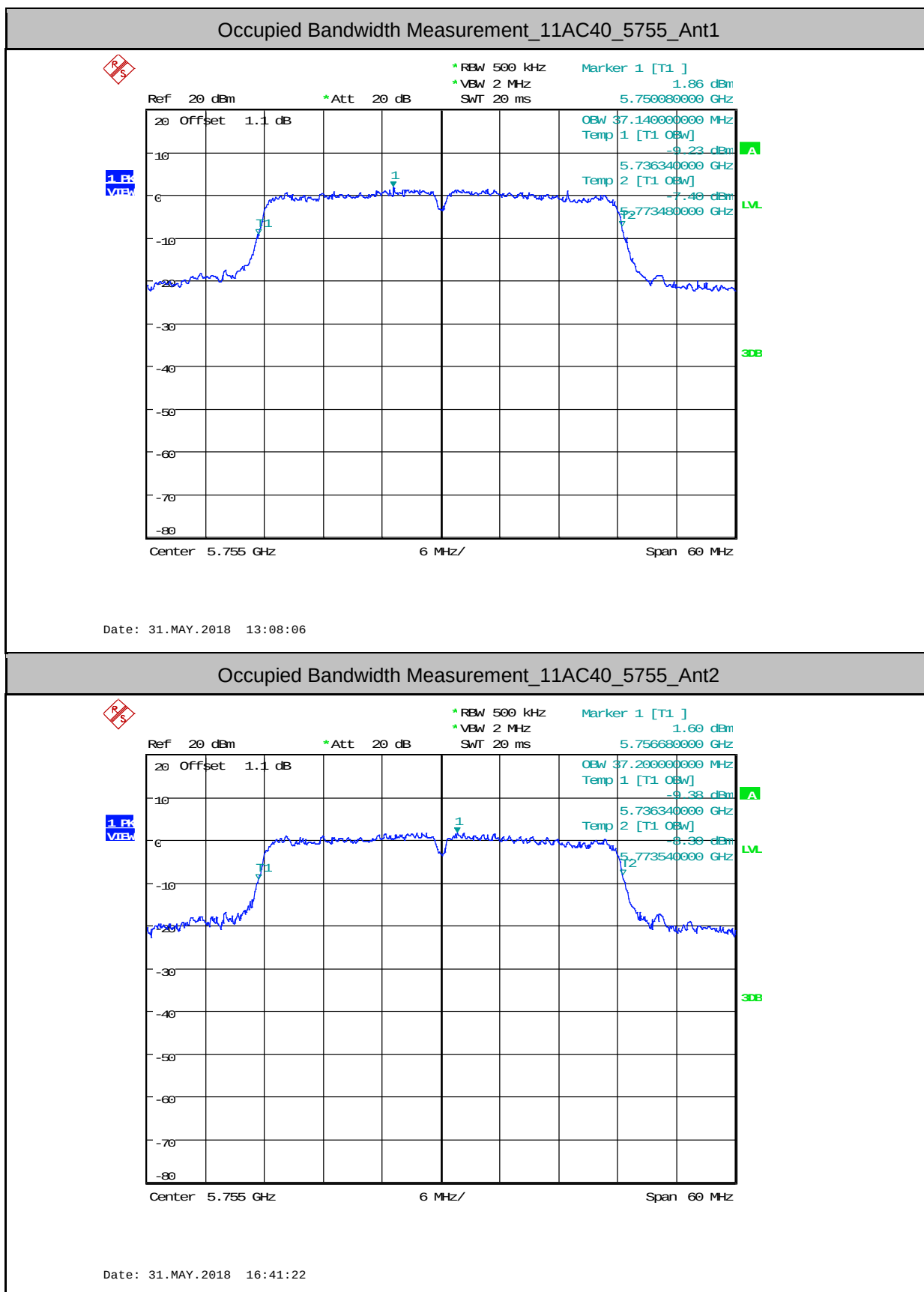


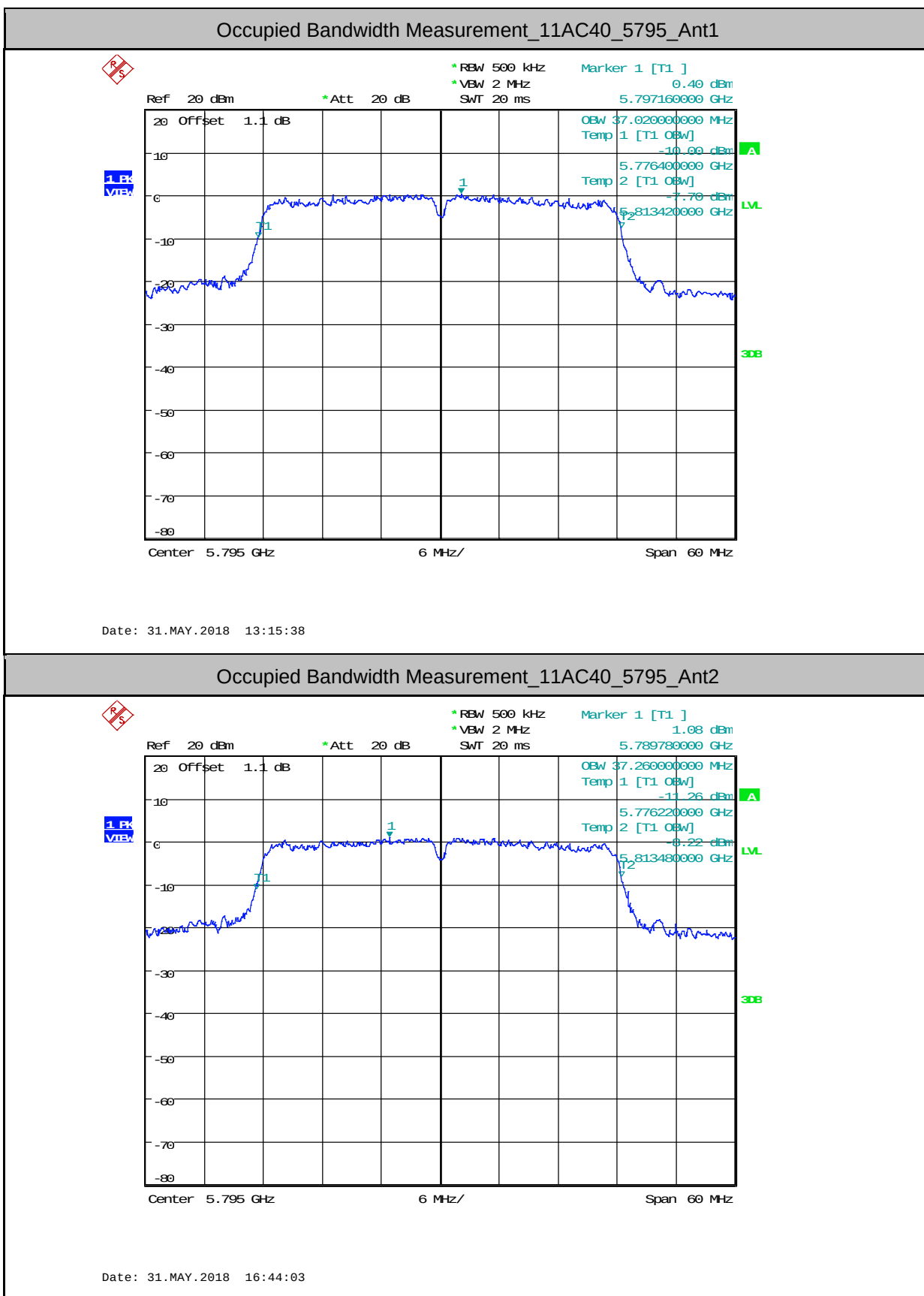














3.Maximum Conduct Output Power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	12.72	0.26	12.98	<23.98	PASS
11A	5180	Ant2	12.92	0.33	13.25	<23.98	PASS
11A	5220	Ant1	12.35	0.44	12.79	<23.98	PASS
11A	5220	Ant2	12.47	0.4	12.87	<23.98	PASS
11A	5240	Ant1	12.33	0.47	12.80	<23.98	PASS
11A	5240	Ant2	12.62	0.22	12.84	<23.98	PASS
11A	5745	Ant1	12.95	0.44	13.39	<30.00	PASS
11A	5745	Ant2	12.33	0.31	12.64	<30.00	PASS
11A	5785	Ant1	12.67	0.31	12.98	<30.00	PASS
11A	5785	Ant2	12.58	0.29	12.87	<30.00	PASS
11A	5825	Ant1	12	0.44	12.44	<30.00	PASS
11A	5825	Ant2	11.73	0.31	12.04	<30.00	PASS
11N20	5180	Ant1	12.04	0.46	12.50	<23.98	PASS
11AC20	5180	Ant1	12.46	0.23	12.69	<23.98	PASS
11N20	5180	Ant2	12.07	0.24	12.31	<23.98	PASS
11AC20	5180	Ant2	11.98	0.44	12.42	<23.98	PASS
11N40	5190	Ant1	11.83	0.85	12.68	<23.98	PASS
11AC40	5190	Ant1	12.18	0.98	13.16	<23.98	PASS
11AC40	5190	Ant2	11.97	0.75	12.72	<23.98	PASS
11N40	5190	Ant2	11.99	0.89	12.88	<23.98	PASS
11AC80	5210	Ant1	12.09	1.33	13.42	<23.98	PASS
11AC80	5210	Ant2	12.36	0.9	13.26	<23.98	PASS
11AC20	5220	Ant1	12.39	0.29	12.68	<23.98	PASS
11N20	5220	Ant1	12.23	0.41	12.64	<23.98	PASS
11N20	5220	Ant2	11.81	0.27	12.08	<23.98	PASS
11AC20	5220	Ant2	11.76	0.26	12.02	<23.98	PASS
11N40	5230	Ant1	11.57	0.92	12.49	<23.98	PASS
11AC40	5230	Ant1	12.01	0.9	12.91	<23.98	PASS
11N40	5230	Ant2	11.99	0.59	12.58	<23.98	PASS
11AC40	5230	Ant2	11.79	0.66	12.45	<23.98	PASS
11AC20	5240	Ant1	12.58	0.31	12.89	<23.98	PASS



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11N20	5240	Ant1	11.7	0.3	12.00	<23.98	PASS
11AC20	5240	Ant2	11.56	0.34	11.90	<23.98	PASS
11N20	5240	Ant2	11.53	0.47	12.00	<23.98	PASS
11AC20	5745	Ant1	12.52	0.57	13.09	<30.00	PASS
11N20	5745	Ant1	12.15	0.43	12.58	<30.00	PASS
11N20	5745	Ant2	12.32	0.3	12.62	<30.00	PASS
11AC20	5745	Ant2	12.31	0.55	12.86	<30.00	PASS
11AC40	5755	Ant1	12.22	0.92	13.14	<30.00	PASS
11N40	5755	Ant1	12.03	0.6	12.63	<30.00	PASS
11N40	5755	Ant2	12.37	0.48	12.85	<30.00	PASS
11AC40	5755	Ant2	12.48	0.86	13.34	<30.00	PASS
11AC80	5775	Ant1	11.95	0.9	12.85	<30.00	PASS
11AC80	5775	Ant2	12.4	1.5	13.90	<30.00	PASS
11N20	5785	Ant1	11.67	0.37	12.04	<30.00	PASS
11AC20	5785	Ant1	12.2	0.43	12.63	<30.00	PASS
11AC20	5785	Ant2	11.67	0.32	11.99	<30.00	PASS
11N20	5785	Ant2	12.09	0.5	12.59	<30.00	PASS
11N40	5795	Ant1	11.79	0.48	12.27	<30.00	PASS
11AC40	5795	Ant1	11.22	1.02	12.24	<30.00	PASS
11AC40	5795	Ant2	11.77	0.73	12.50	<30.00	PASS
11N40	5795	Ant2	11.89	0.54	12.43	<30.00	PASS
11AC20	5825	Ant1	11.66	0.51	12.17	<30.00	PASS
11N20	5825	Ant1	9.55	0.34	9.89	<30.00	PASS
11N20	5825	Ant2	11.92	0.53	12.45	<30.00	PASS
11AC20	5825	Ant2	11.87	0.53	12.40	<30.00	PASS

4.Maximum Power Spectral Density

Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	Ant1	3.01	0.26	3.27	<11.00	PASS
11A	5180	Ant2	3.04	0.33	3.37	<11.00	PASS
11A	5220	Ant1	2.47	0.44	2.91	<11.00	PASS
11A	5220	Ant2	2.53	0.4	2.93	<11.00	PASS
11A	5240	Ant1	2.51	0.47	2.98	<11.00	PASS
11A	5240	Ant2	2.72	0.22	2.94	<11.00	PASS
11AC20	5180	Ant1	2.19	0.23	2.42	<11.00	PASS
11N20	5180	Ant1	1.86	0.46	2.32	<11.00	PASS
11N20	5180	Ant2	1.91	0.24	2.15	<11.00	PASS
11AC20	5180	Ant2	1.93	0.44	2.37	<11.00	PASS
11N40	5190	Ant1	-2.21	0.85	-1.36	<11.00	PASS
11AC40	5190	Ant1	-1.4	0.98	-0.42	<11.00	PASS
11N40	5190	Ant2	-1.6	0.89	-0.71	<11.00	PASS
11AC40	5190	Ant2	-1.59	0.75	-0.84	<11.00	PASS
11AC80	5210	Ant1	-3.94	1.33	-2.61	<11.00	PASS
11AC80	5210	Ant2	-3.67	0.9	-2.77	<11.00	PASS
11N20	5220	Ant1	1.96	0.41	2.37	<11.00	PASS
11AC20	5220	Ant1	2.23	0.29	2.52	<11.00	PASS
11N20	5220	Ant2	1.67	0.27	1.94	<11.00	PASS
11AC20	5220	Ant2	1.7	0.26	1.96	<11.00	PASS
11N40	5230	Ant1	-2.02	0.92	-1.1	<11.00	PASS
11AC40	5230	Ant1	-1.5	0.9	-0.6	<11.00	PASS
11AC40	5230	Ant2	-1.77	0.66	-1.11	<11.00	PASS
11AC20	5240	Ant1	2.45	0.31	2.76	<11.00	PASS
11N20	5240	Ant1	1.6	0.3	1.9	<11.00	PASS
11N20	5240	Ant2	1.23	0.47	1.7	<11.00	PASS
11AC20	5240	Ant2	1.27	0.34	1.61	<11.00	PASS

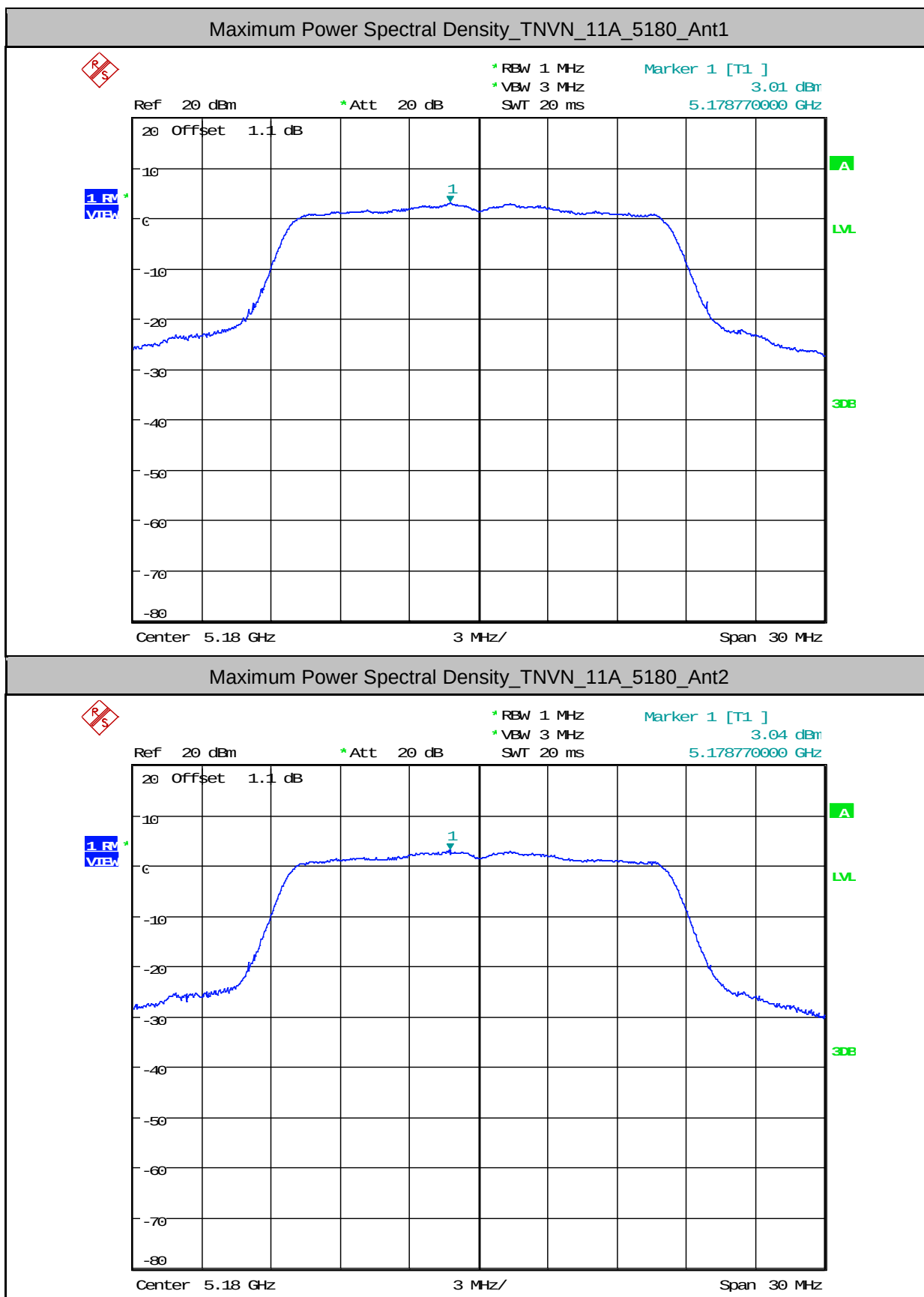


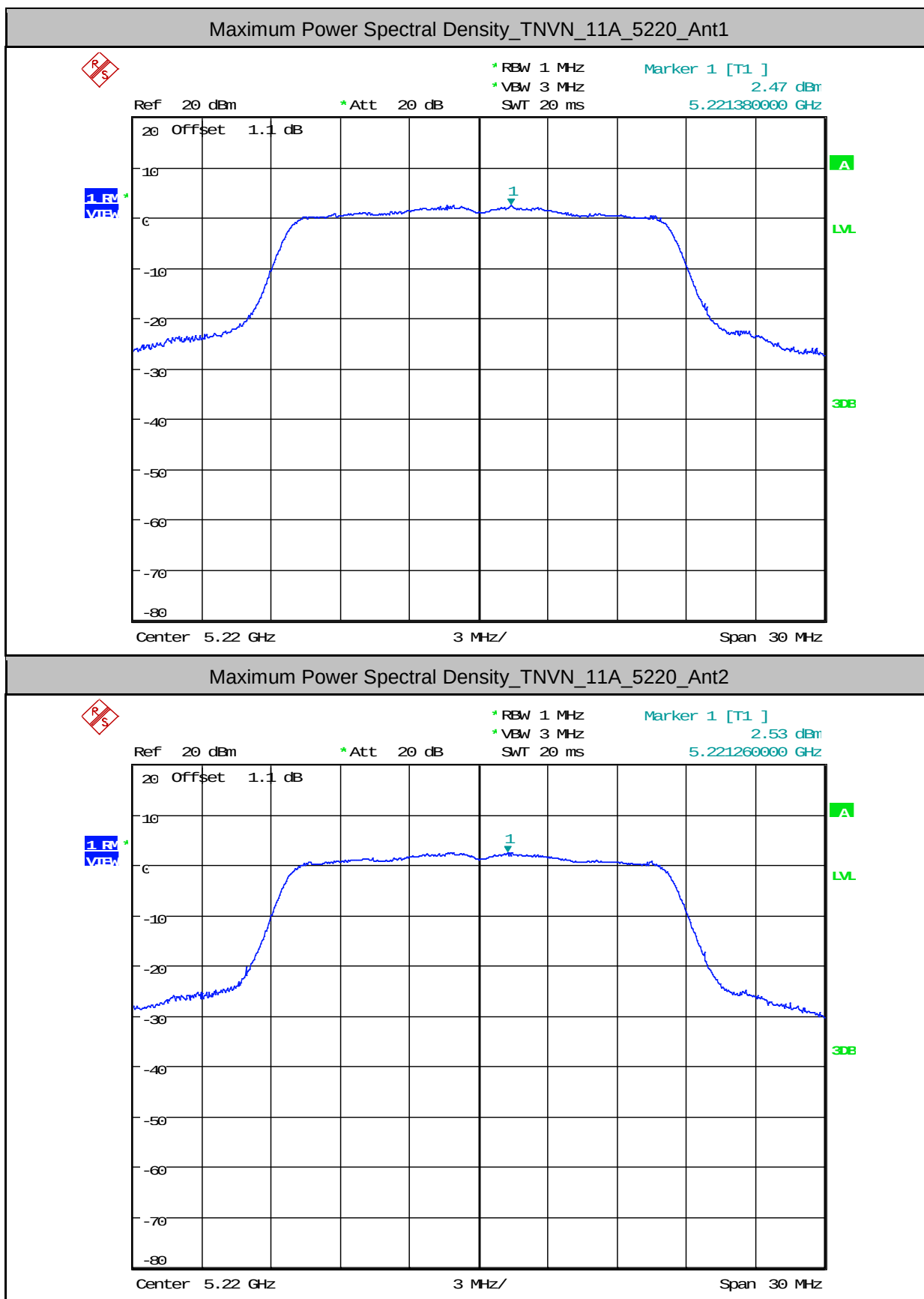
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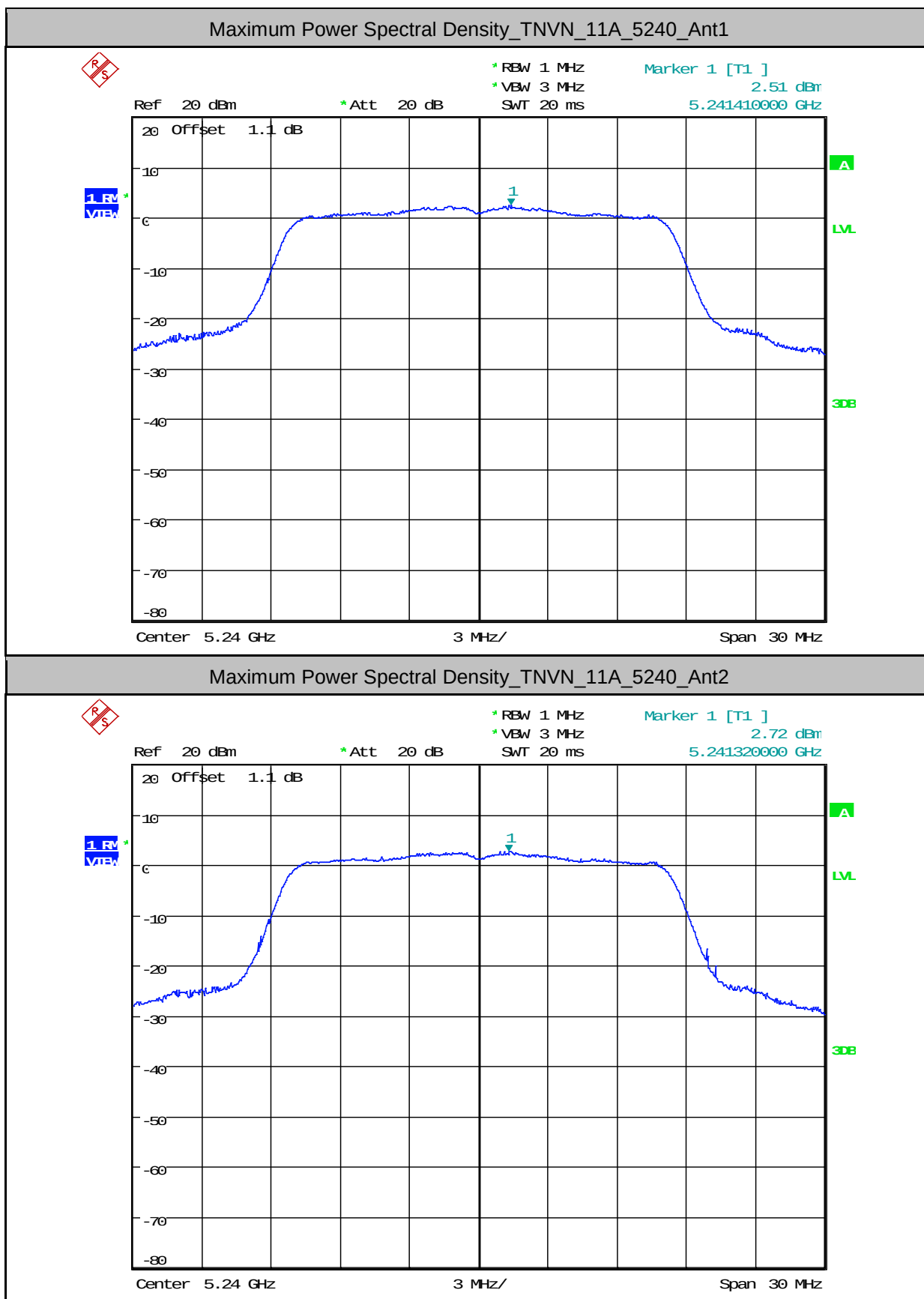
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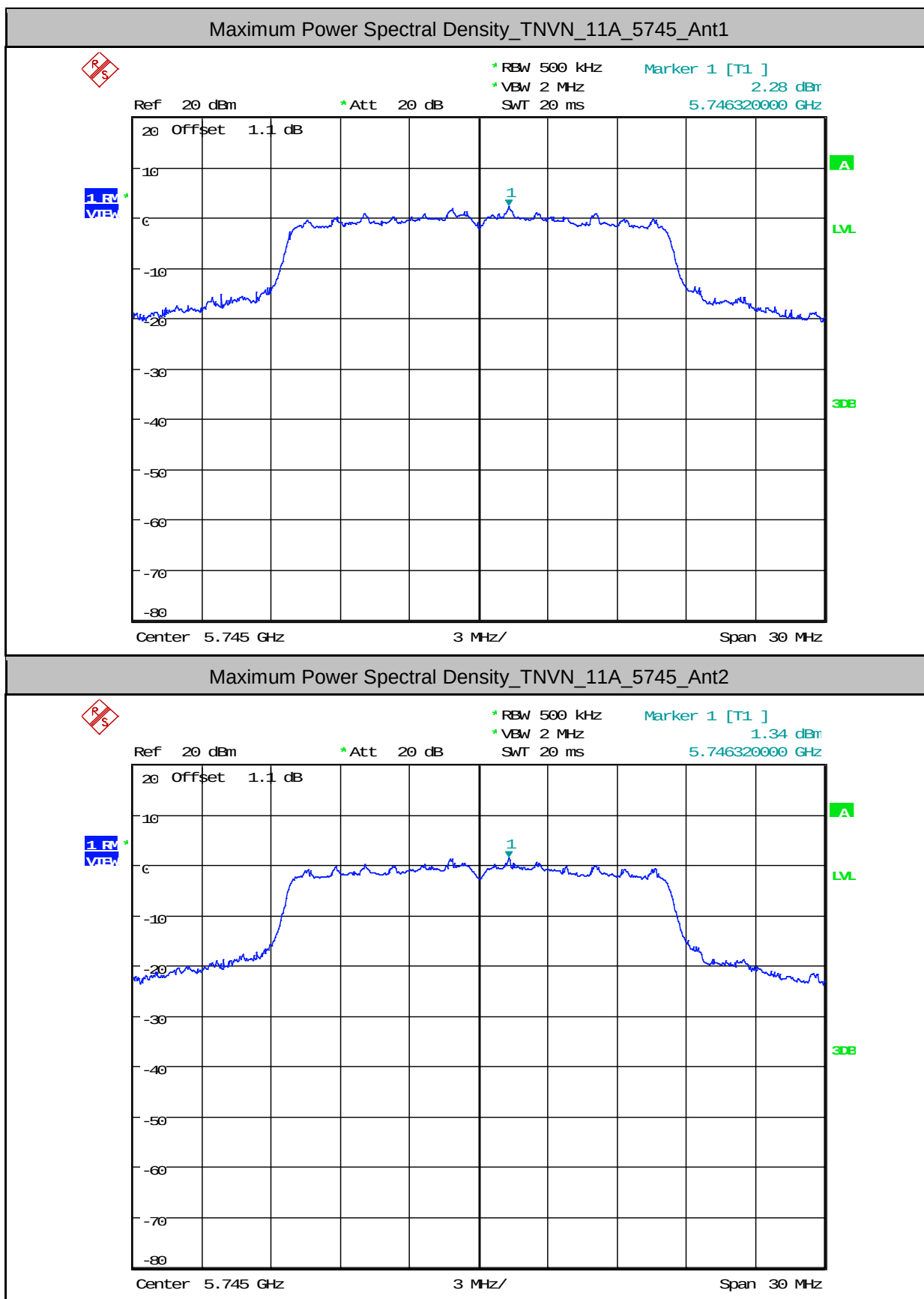
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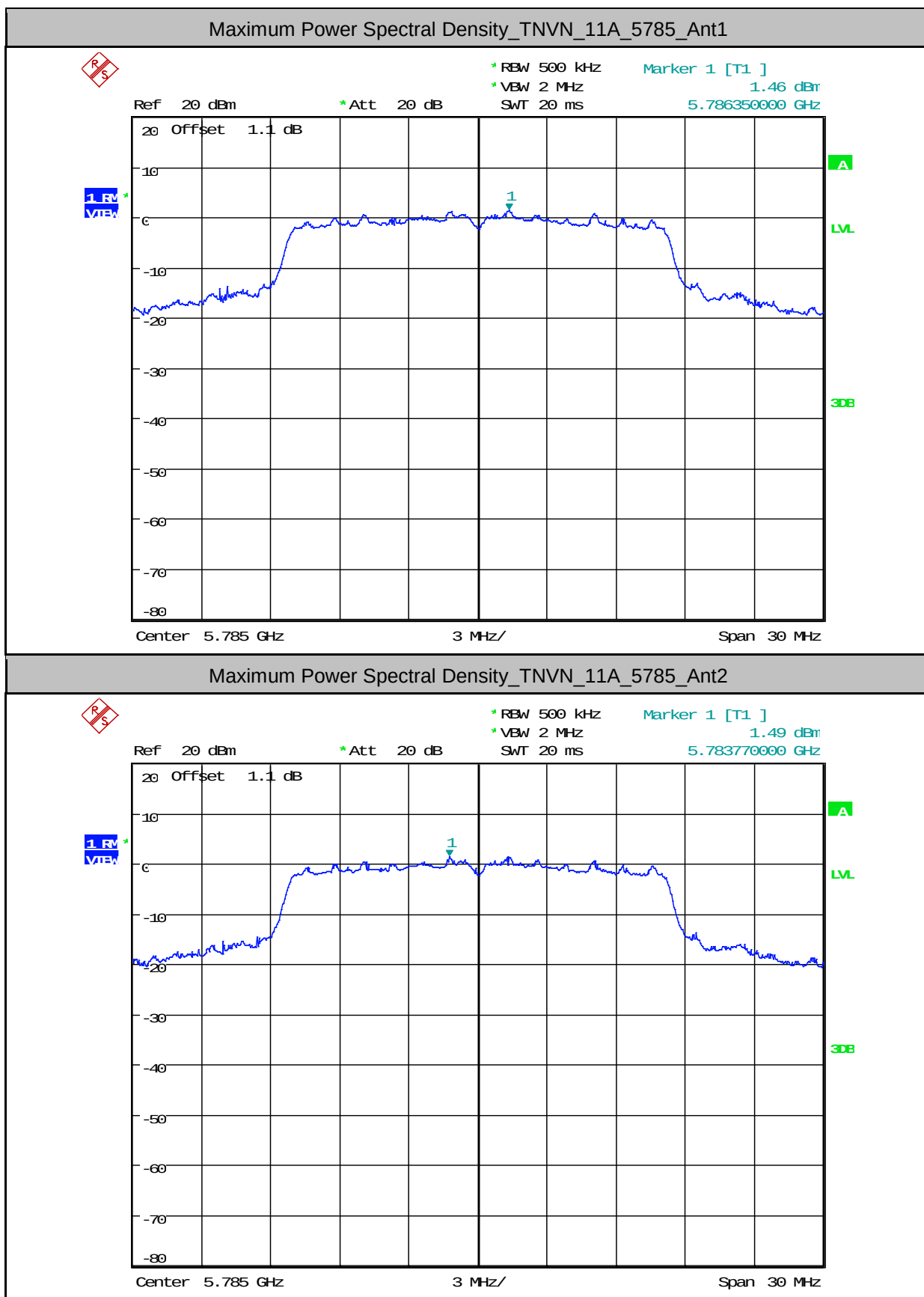
Test Mode	Test Channel	Ant	Level [dBm/500kHz]	10log(1/x) Factor[dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant1	2.28	0.44	0	2.72	<17.00	PASS
11A	5745	Ant2	1.34	0.31	0	1.65	<17.00	PASS
11A	5785	Ant1	1.46	0.31	0	1.77	<17.00	PASS
11A	5785	Ant2	1.49	0.29	0	1.78	<17.00	PASS
11A	5825	Ant1	0.72	0.44	0	1.16	<17.00	PASS
11A	5825	Ant2	0.72	0.31	0	1.03	<17.00	PASS
11AC20	5745	Ant1	1.57	0.57	0	2.14	<17.00	PASS
11N20	5745	Ant1	0.99	0.43	0	1.42	<17.00	PASS
11N20	5745	Ant2	0.99	0.3	0	1.29	<17.00	PASS
11AC20	5745	Ant2	1.19	0.55	0	1.74	<17.00	PASS
11AC40	5755	Ant1	-2.48	0.92	0	-1.56	<17.00	PASS
11N40	5755	Ant1	-3.09	0.6	0	-2.49	<17.00	PASS
11AC40	5755	Ant2	-2.18	0.86	0	-1.32	<17.00	PASS
11N40	5755	Ant2	-2.14	0.48	0	-1.66	<17.00	PASS
11AC80	5775	Ant1	-5.03	0.9	0	-4.13	<17.00	PASS
11AC80	5775	Ant2	-4.57	1.5	0	-3.07	<17.00	PASS
11N20	5785	Ant1	0.4	0.37	0	0.77	<17.00	PASS
11AC20	5785	Ant1	0.97	0.43	0	1.4	<17.00	PASS
11AC20	5785	Ant2	0.39	0.32	0	0.71	<17.00	PASS
11N20	5785	Ant2	0.93	0.5	0	1.43	<17.00	PASS
11N40	5795	Ant1	-2.73	0.48	0	-2.25	<17.00	PASS
11AC40	5795	Ant1	-3.2	1.02	0	-2.18	<17.00	PASS
11AC40	5795	Ant2	-2.65	0.73	0	-1.92	<17.00	PASS
11N40	5795	Ant2	-2.79	0.54	0	-2.25	<17.00	PASS
11AC20	5825	Ant1	0.49	0.51	0	1	<17.00	PASS
11N20	5825	Ant1	-1.47	0.34	0	-1.13	<17.00	PASS
11N20	5825	Ant2	0.78	0.53	0	1.31	<17.00	PASS
11AC20	5825	Ant2	0.69	0.53	0	1.22	<17.00	PASS

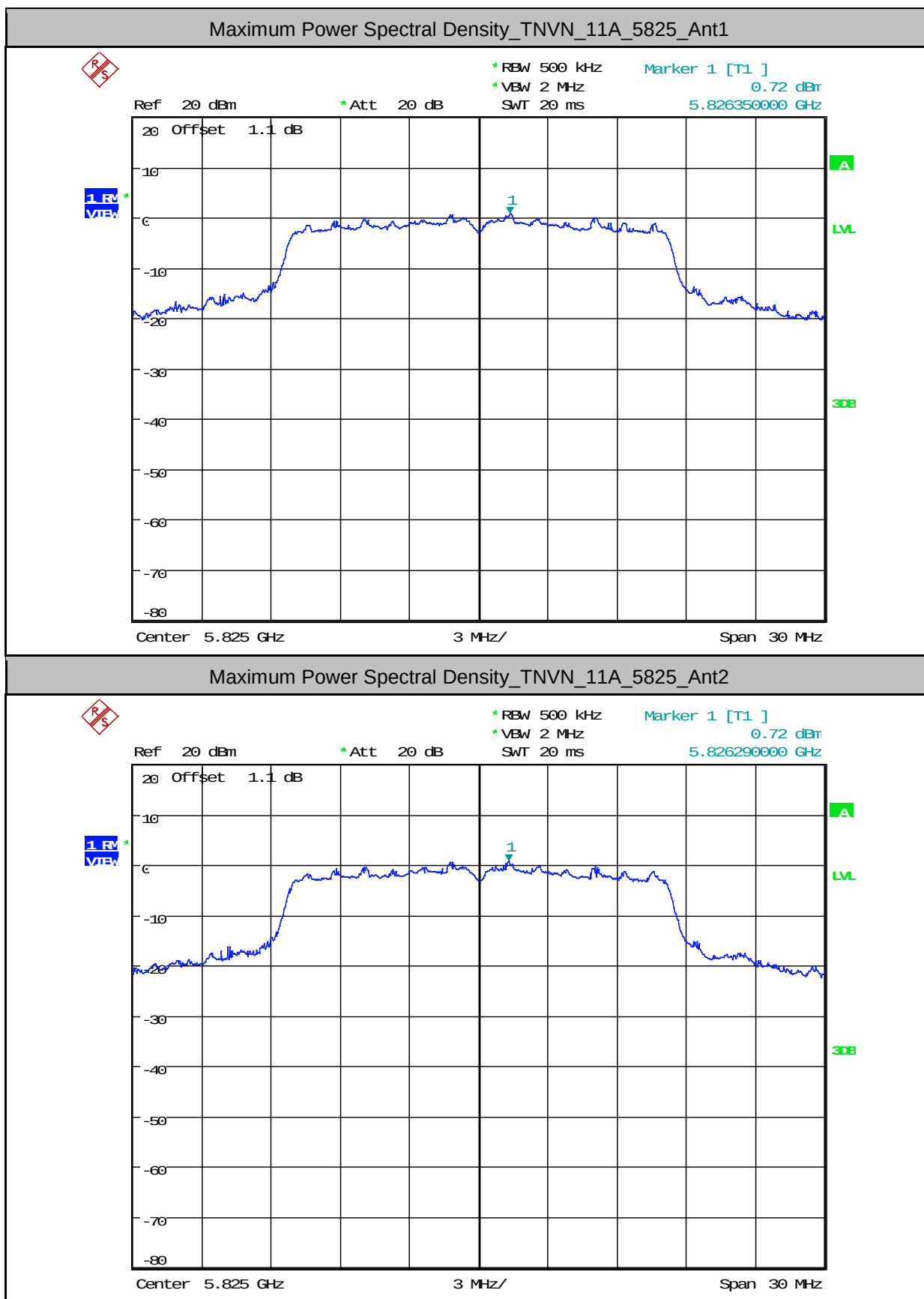


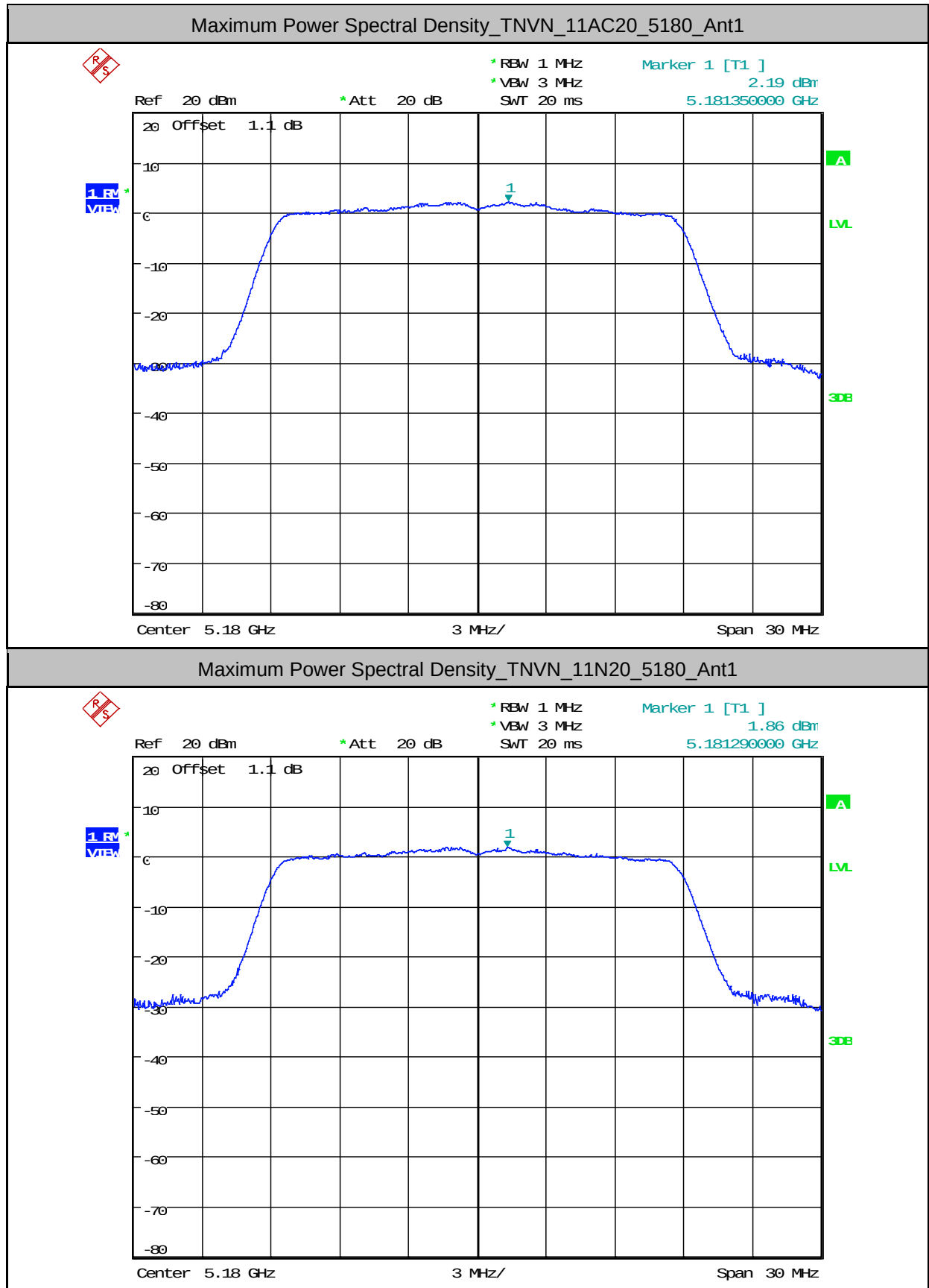


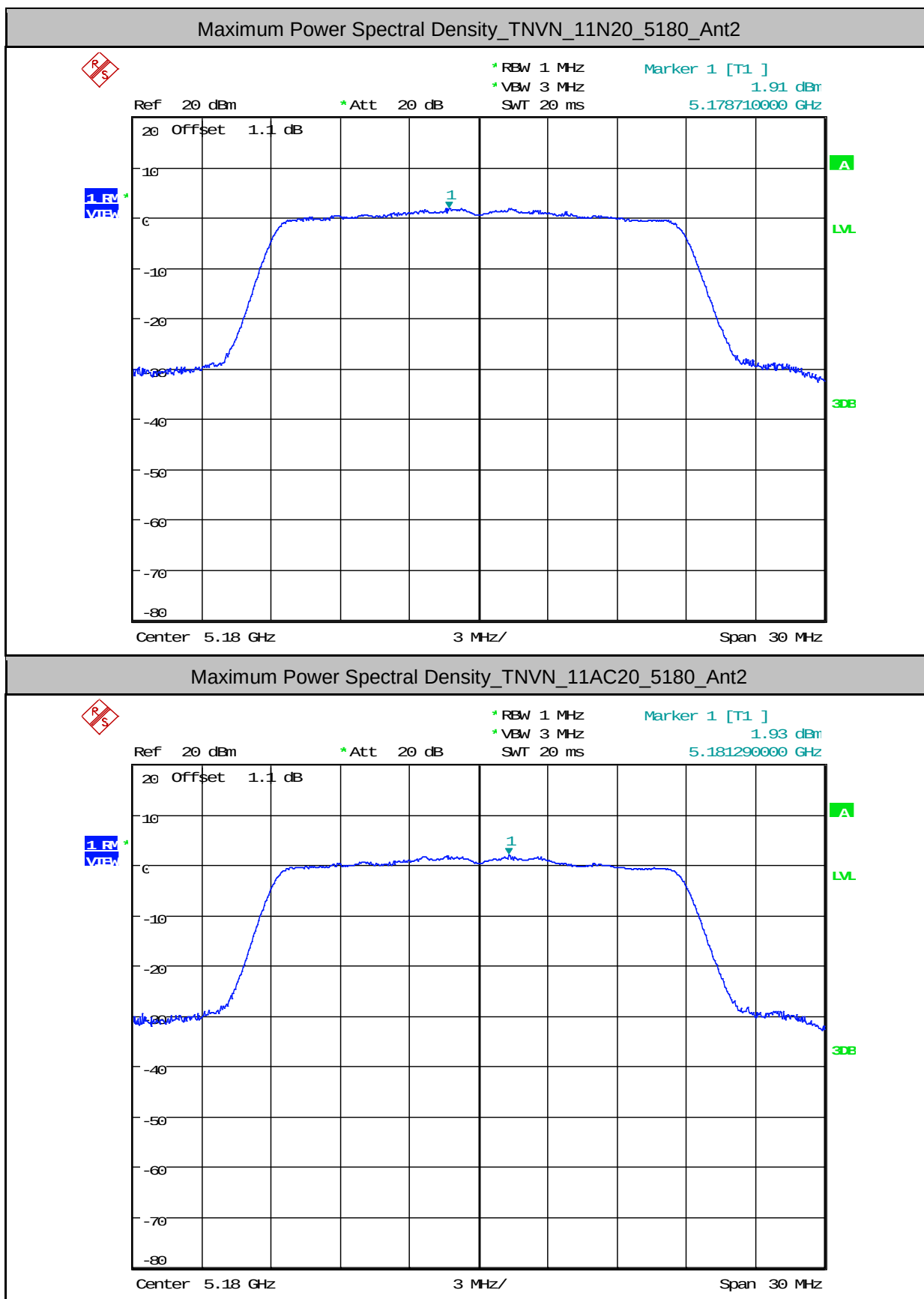


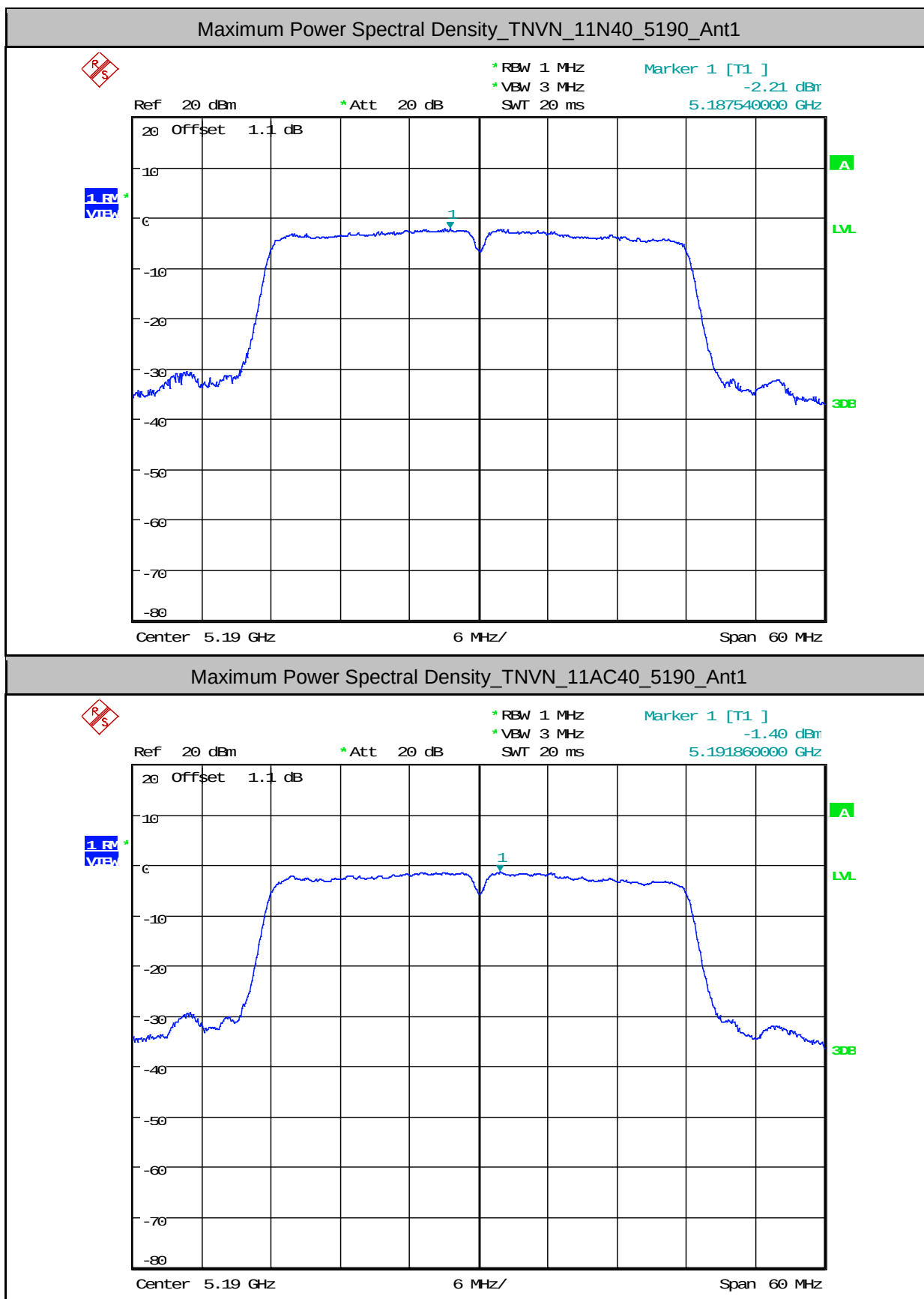


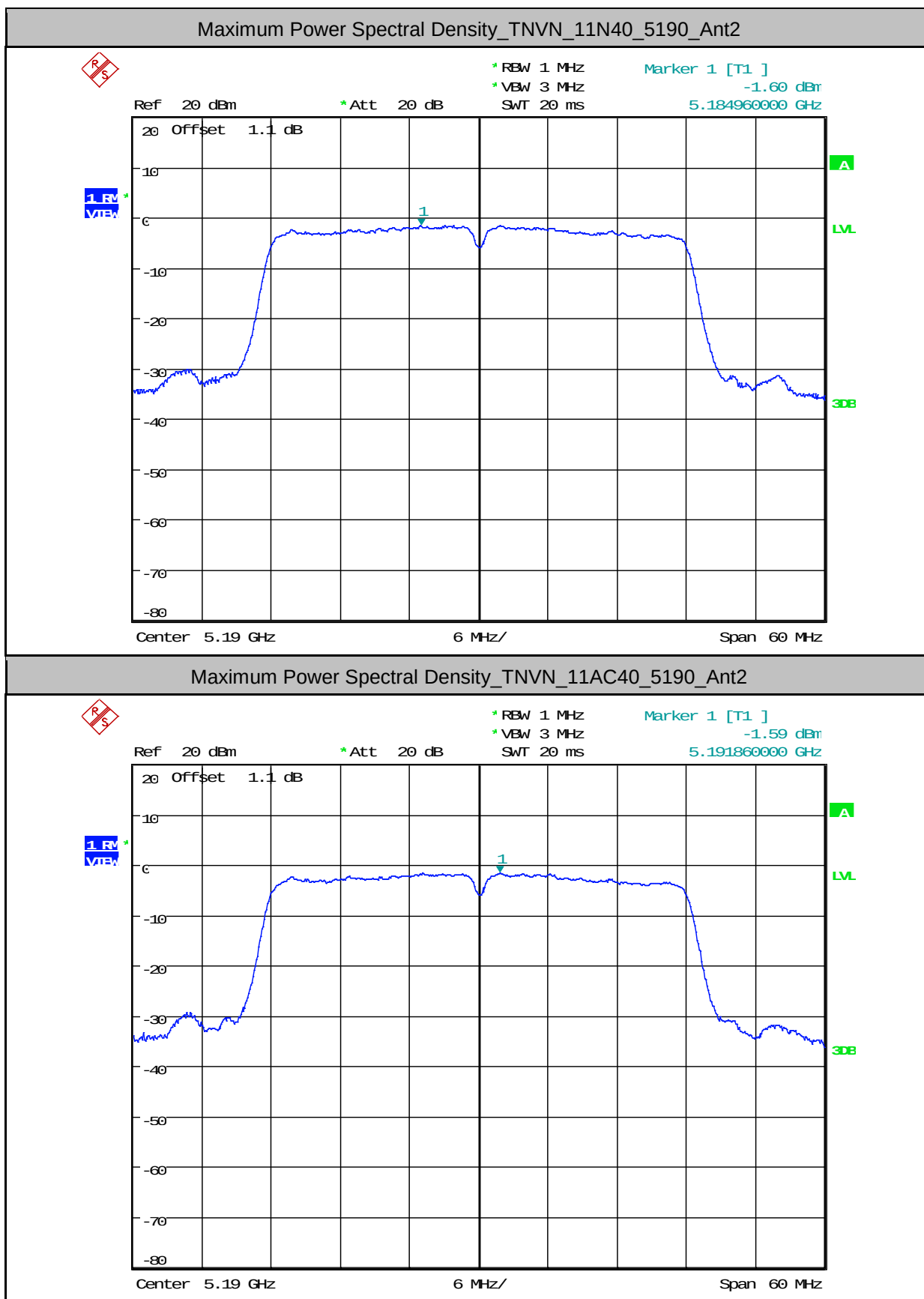


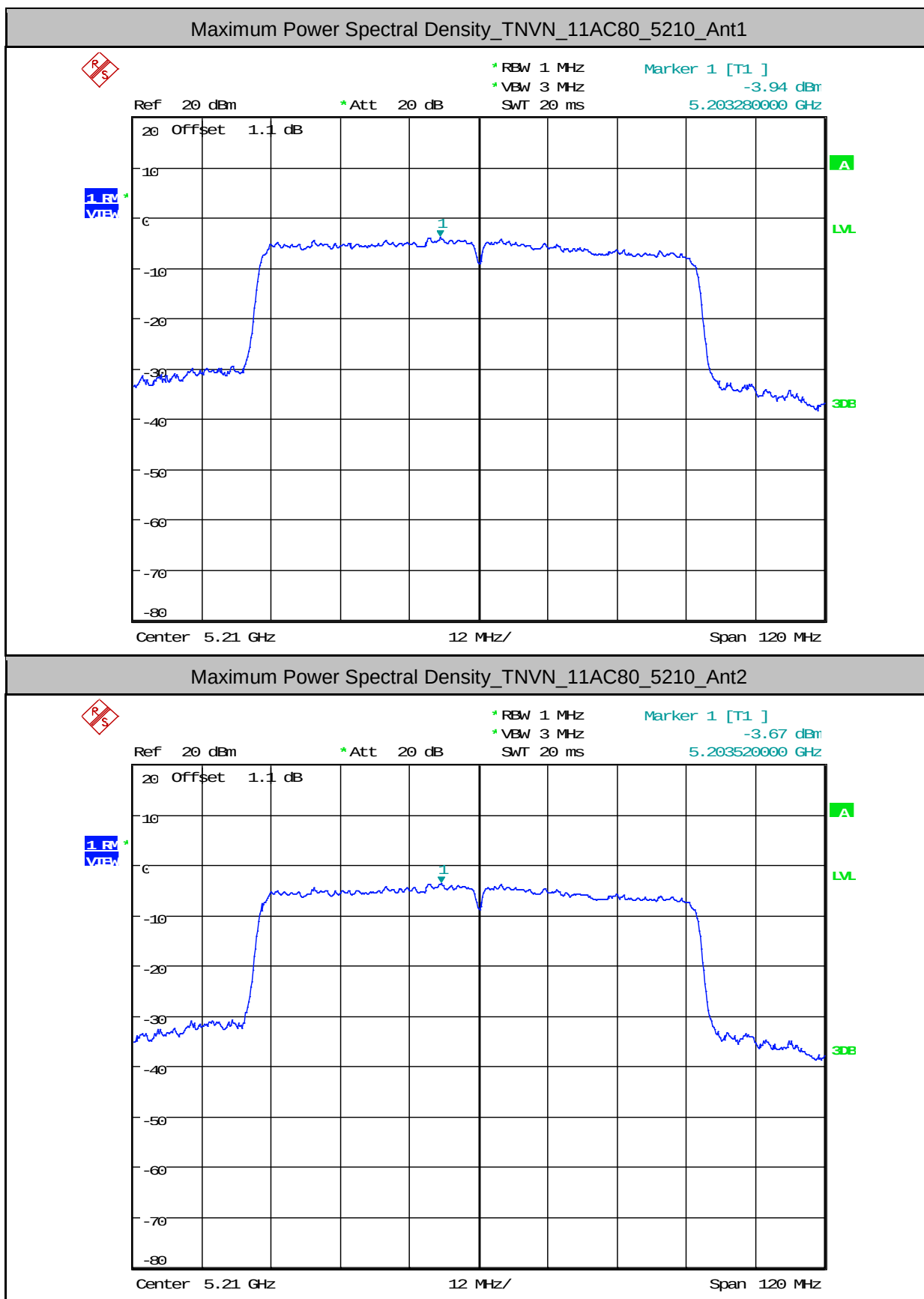


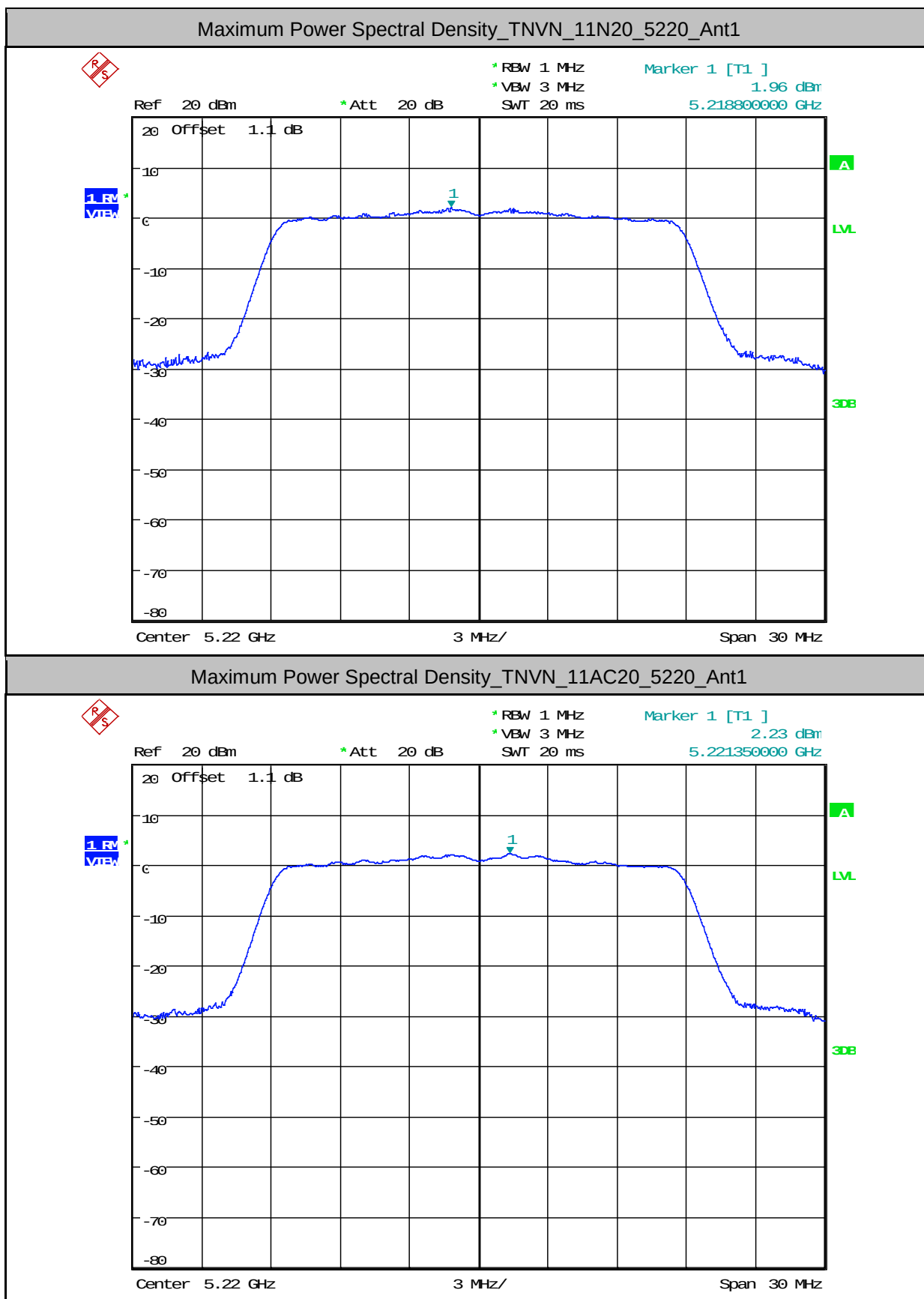


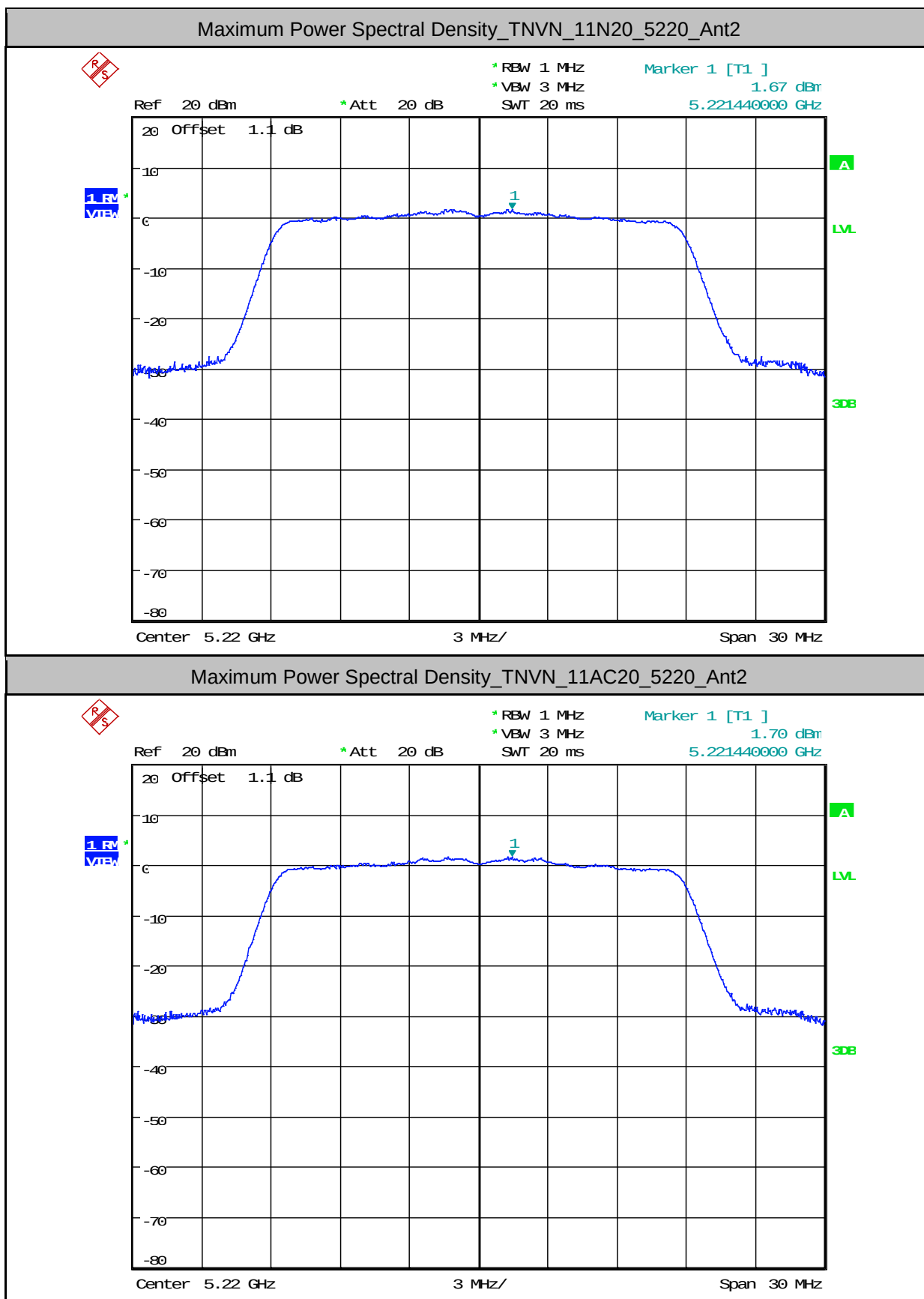


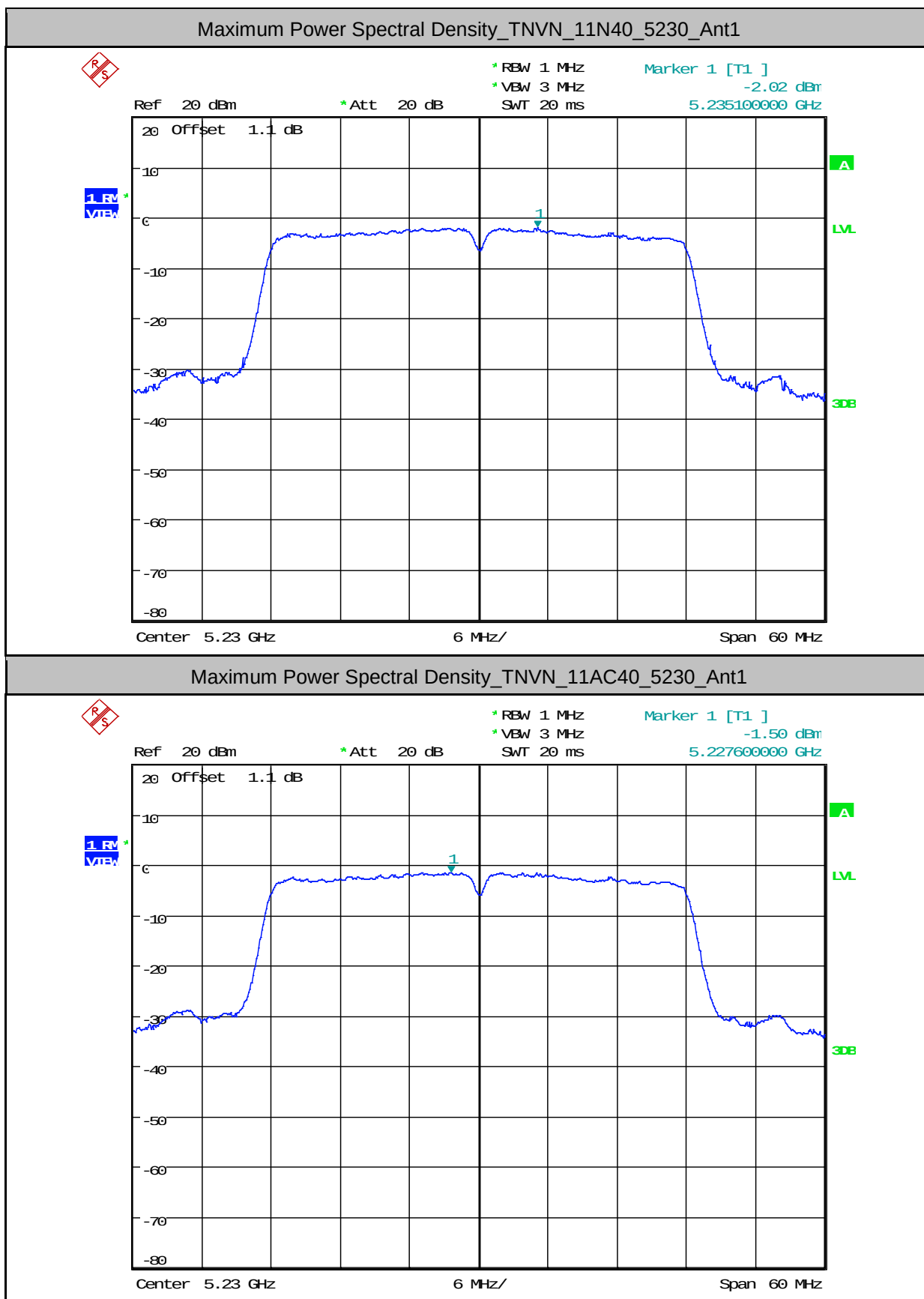


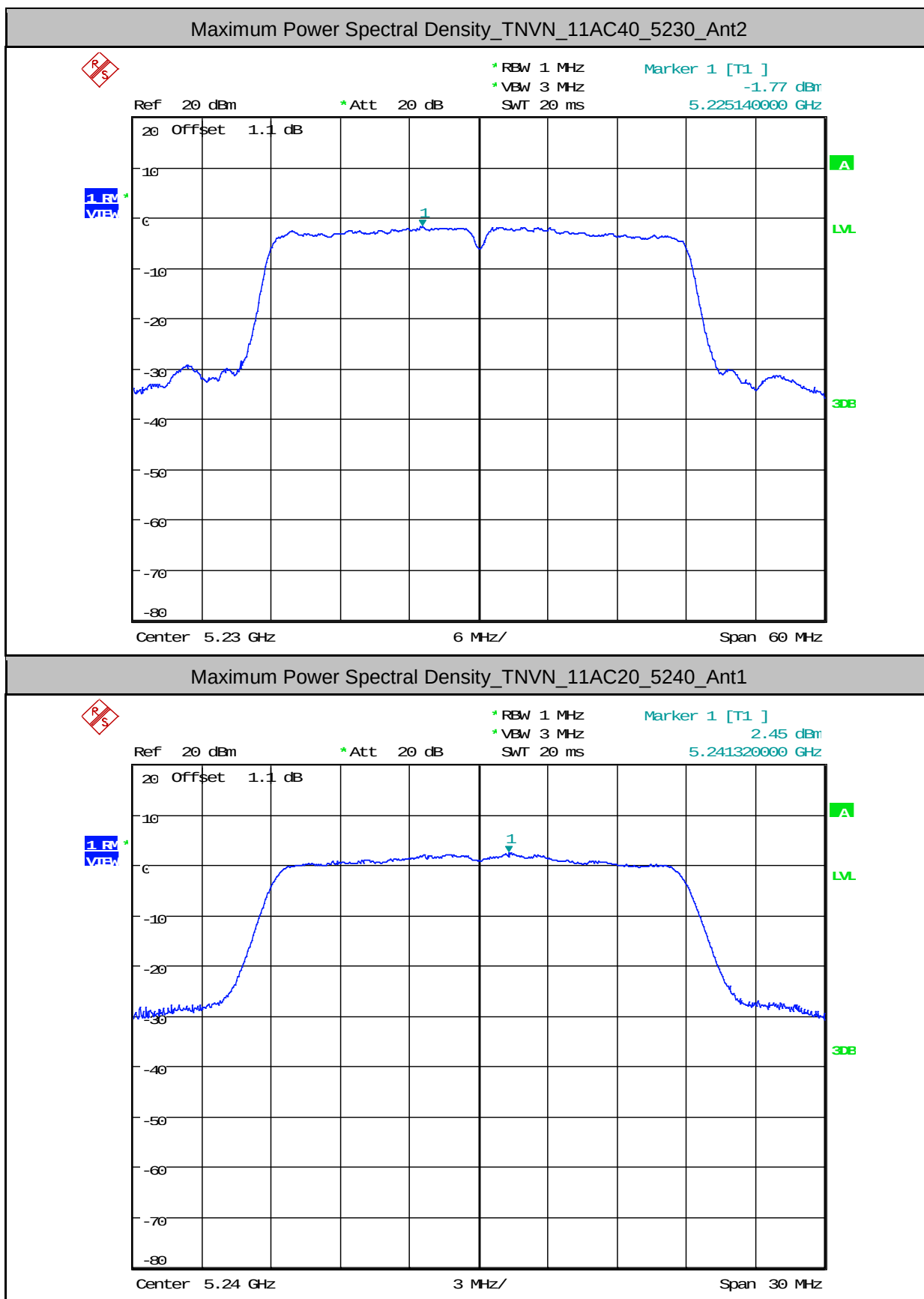


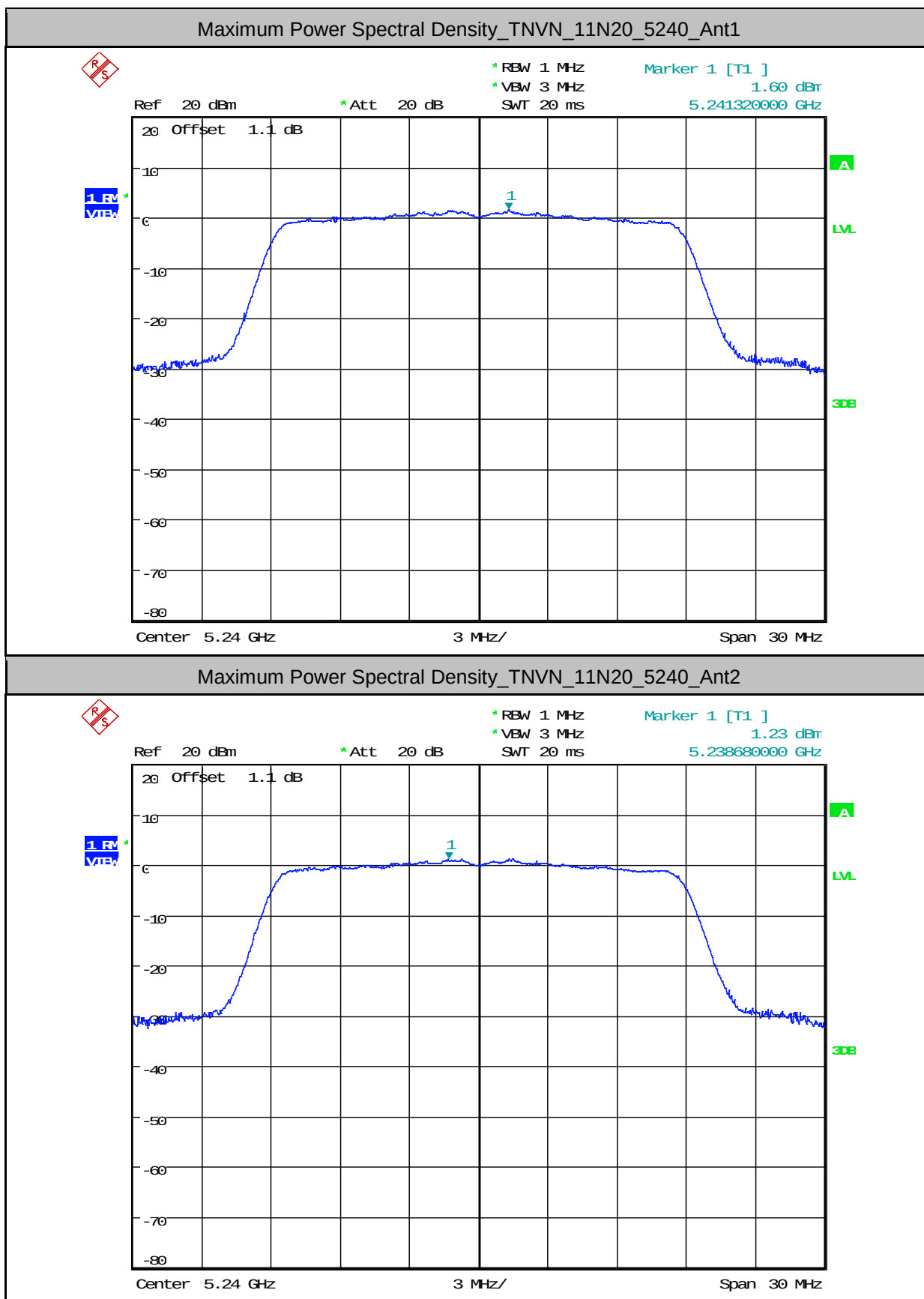


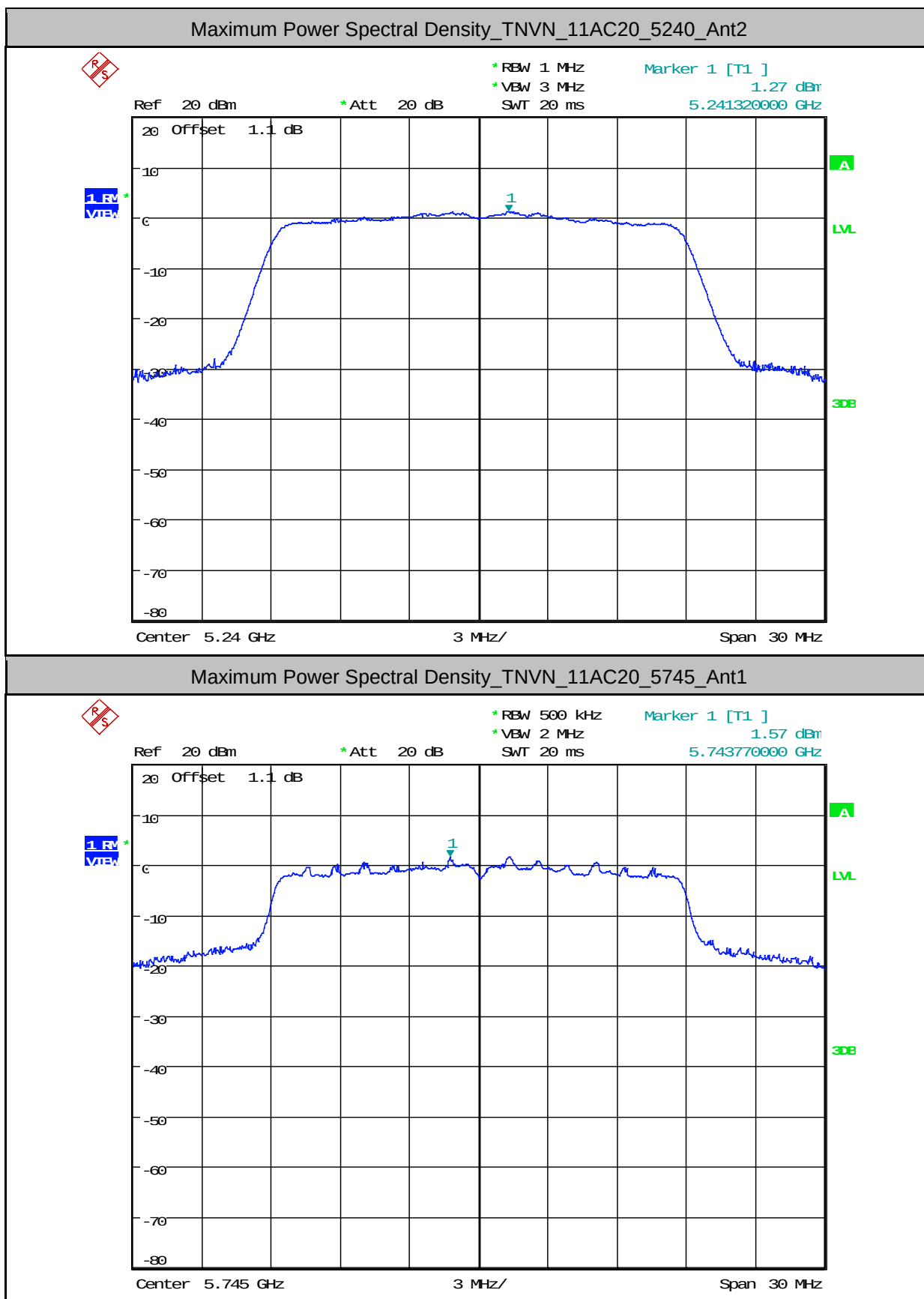


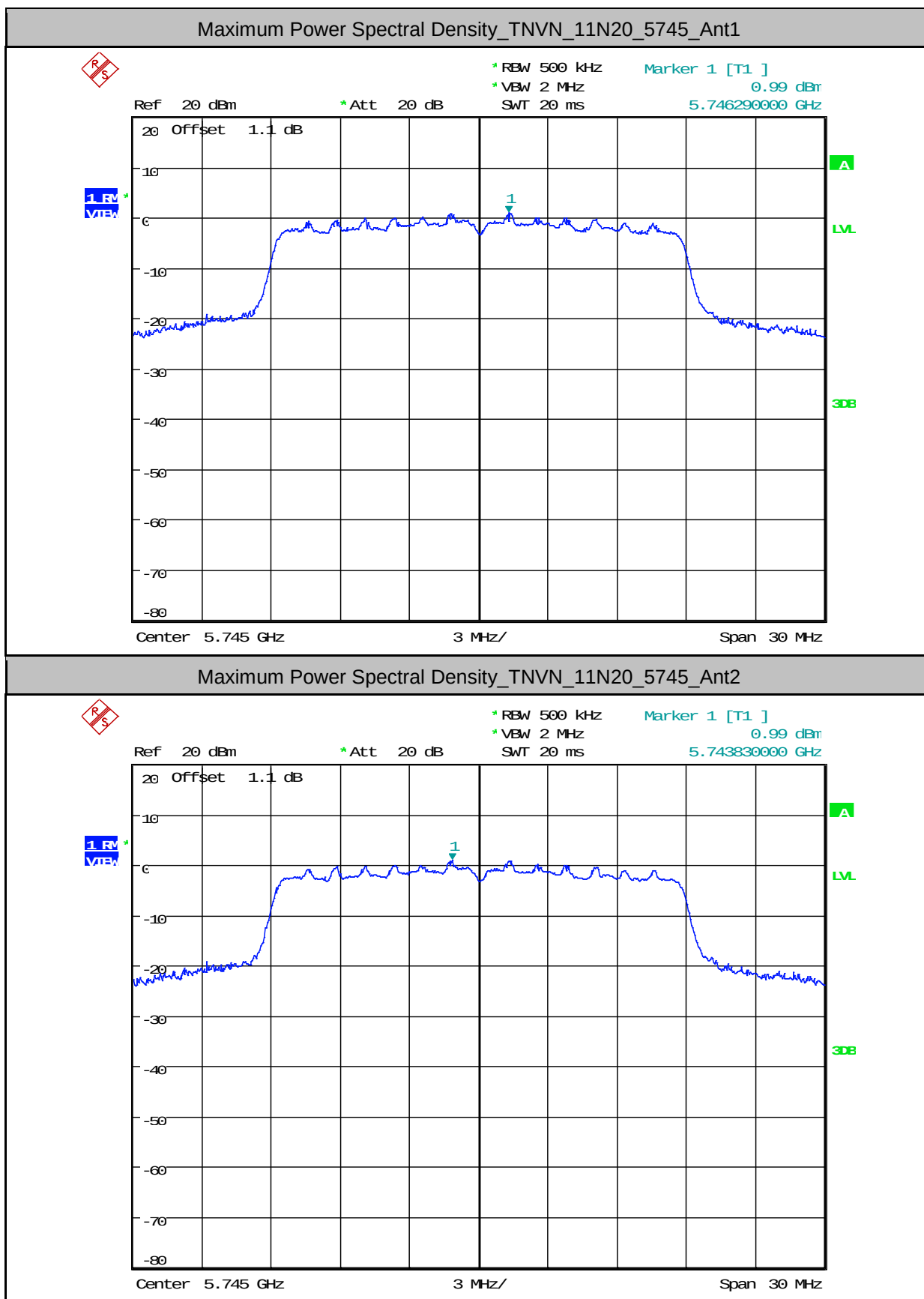


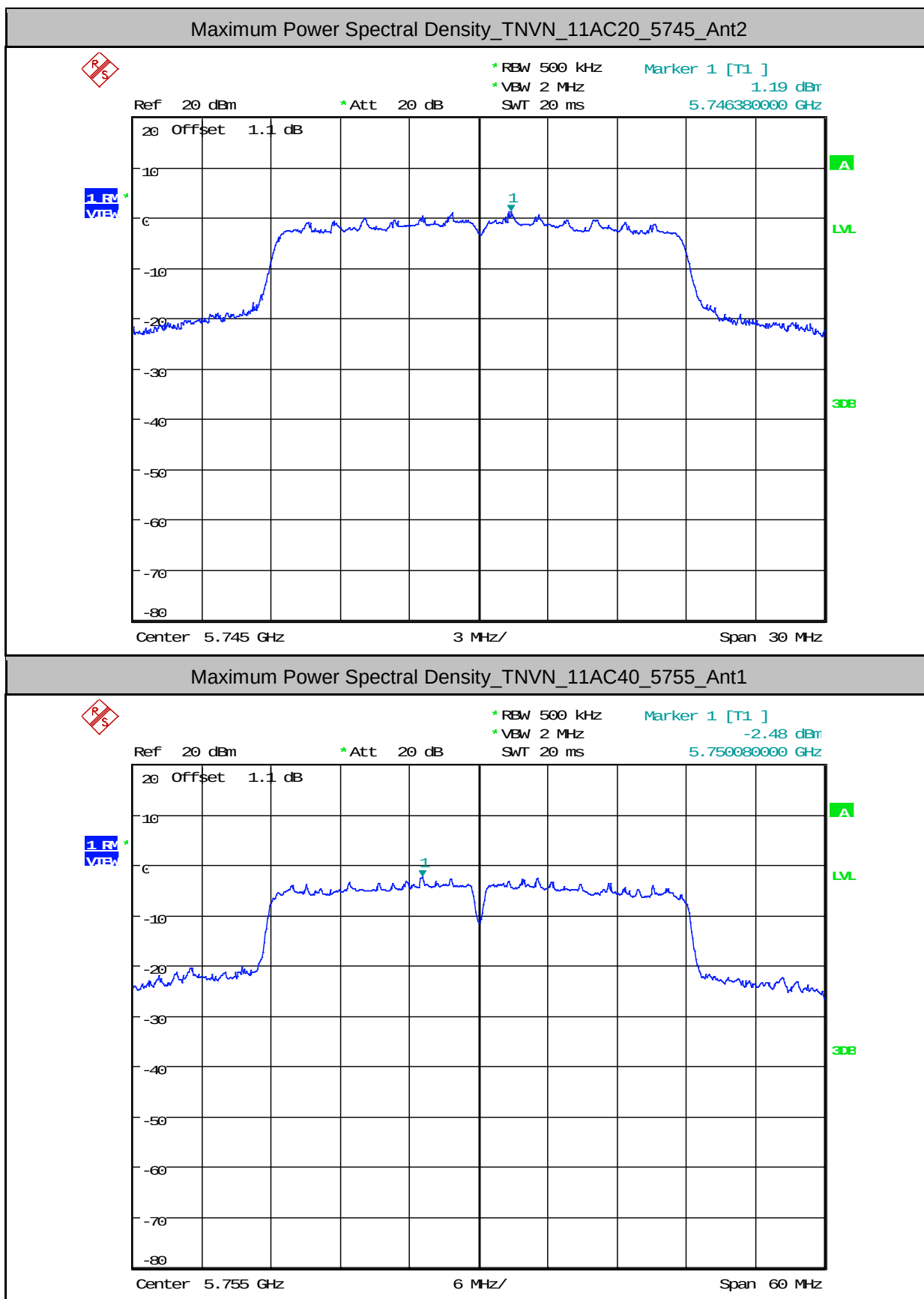


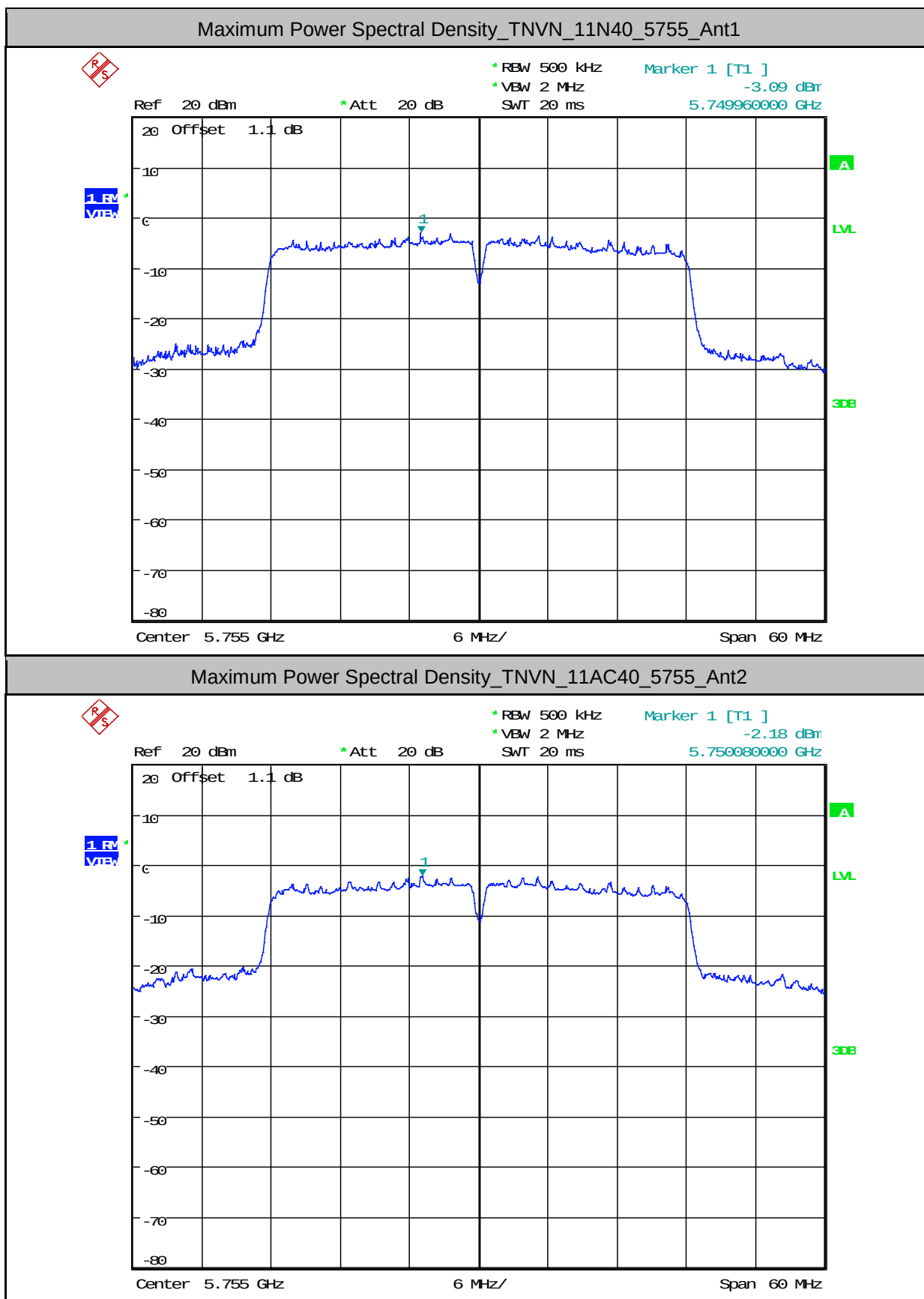


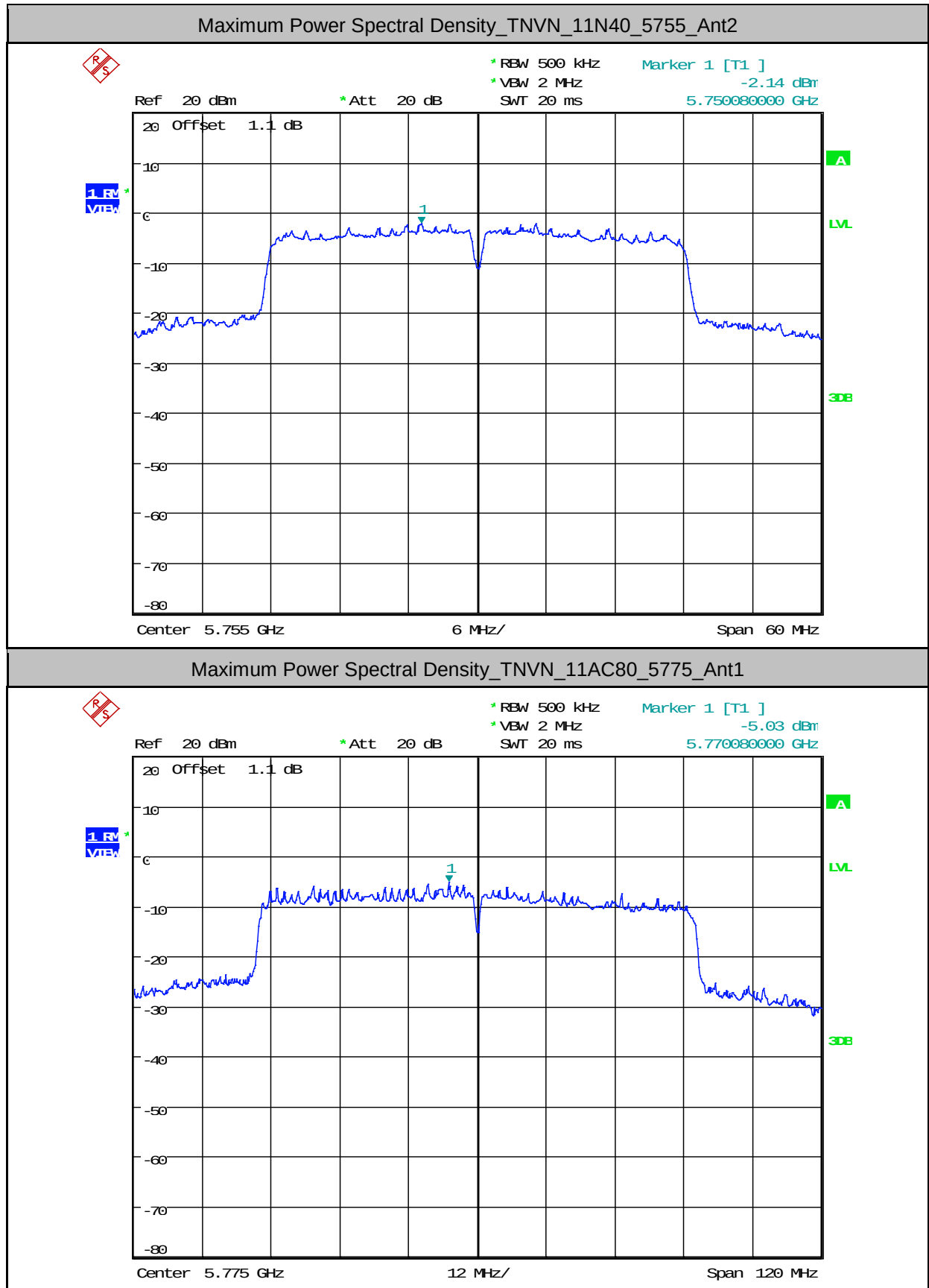


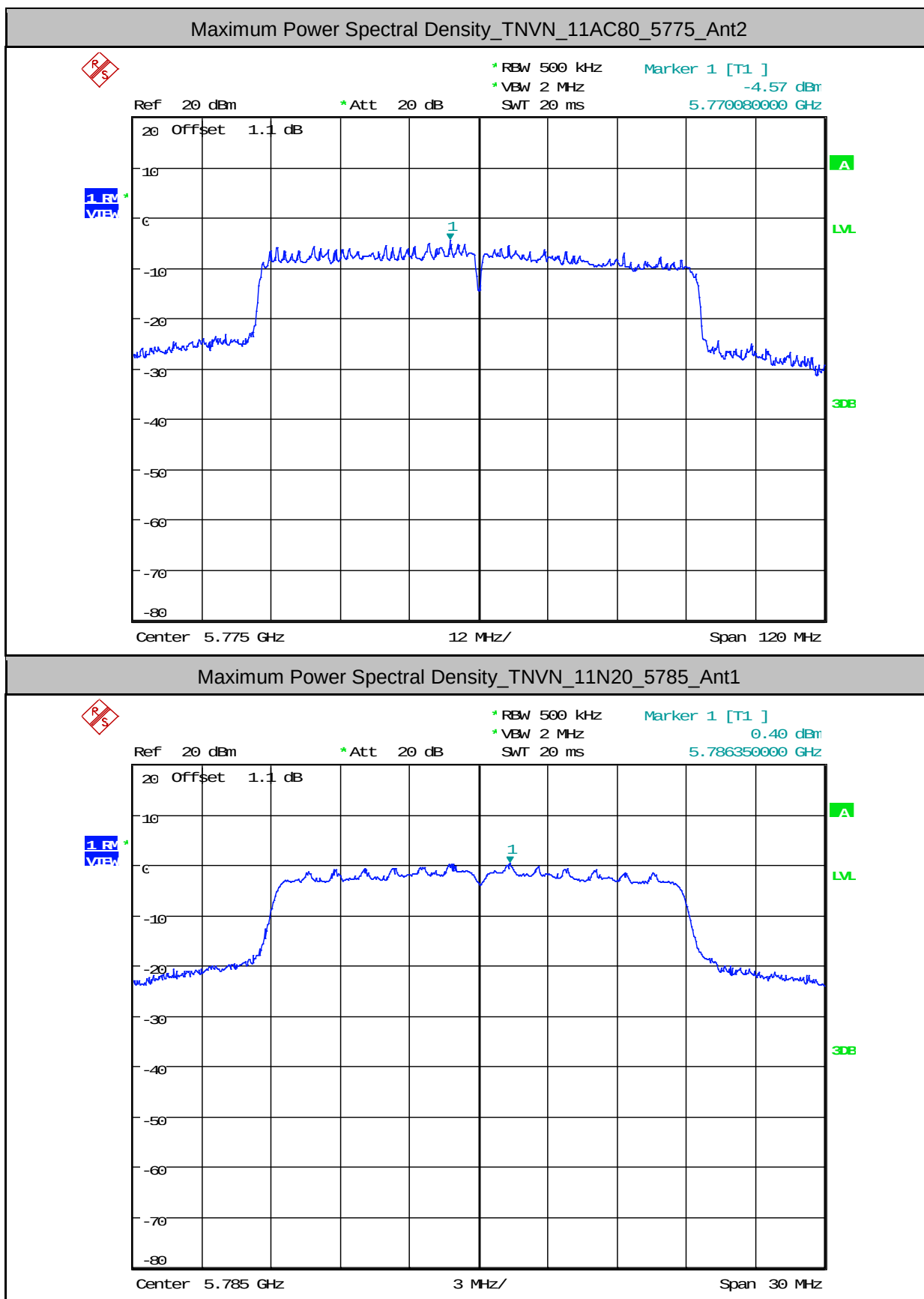


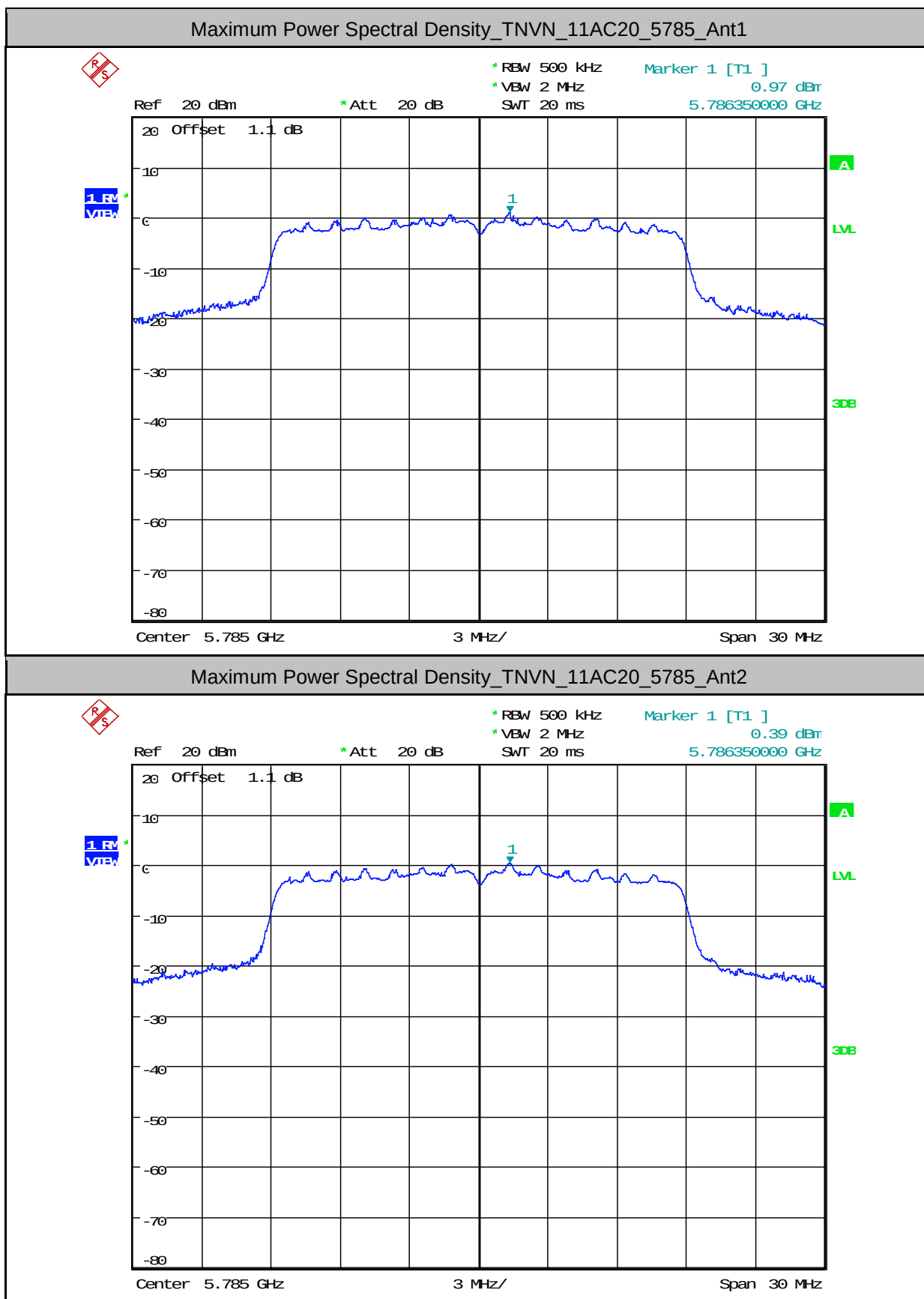


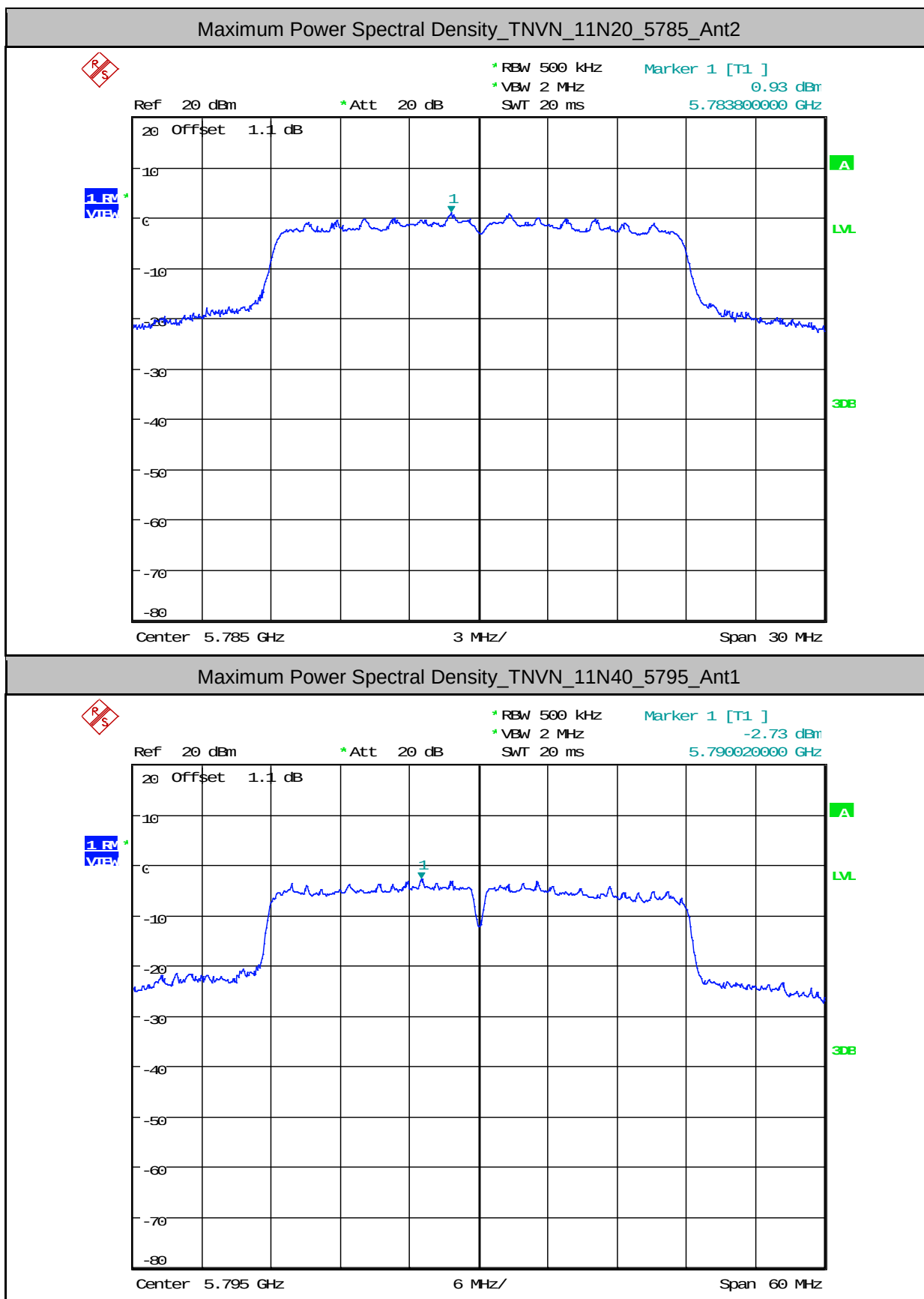


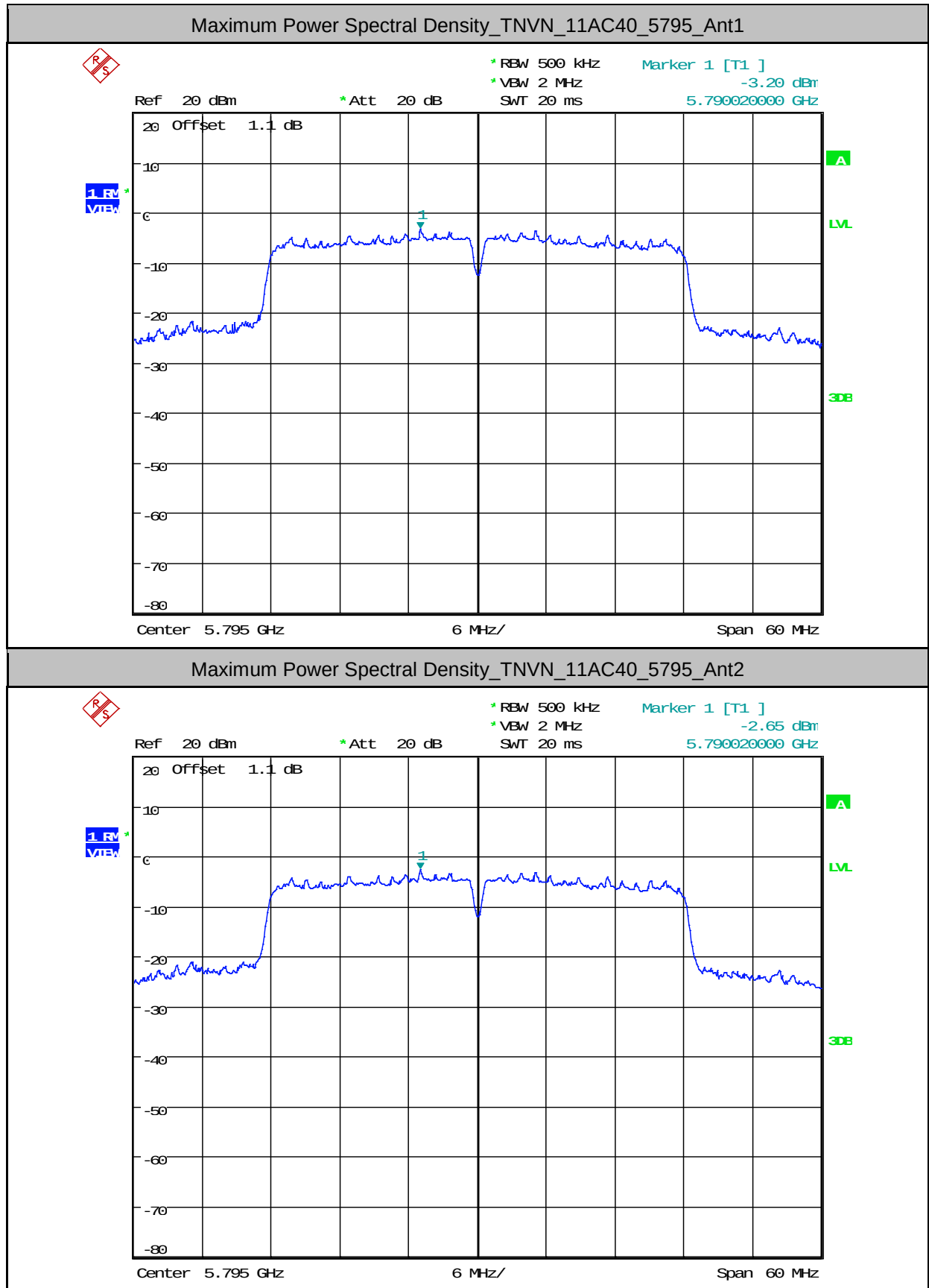


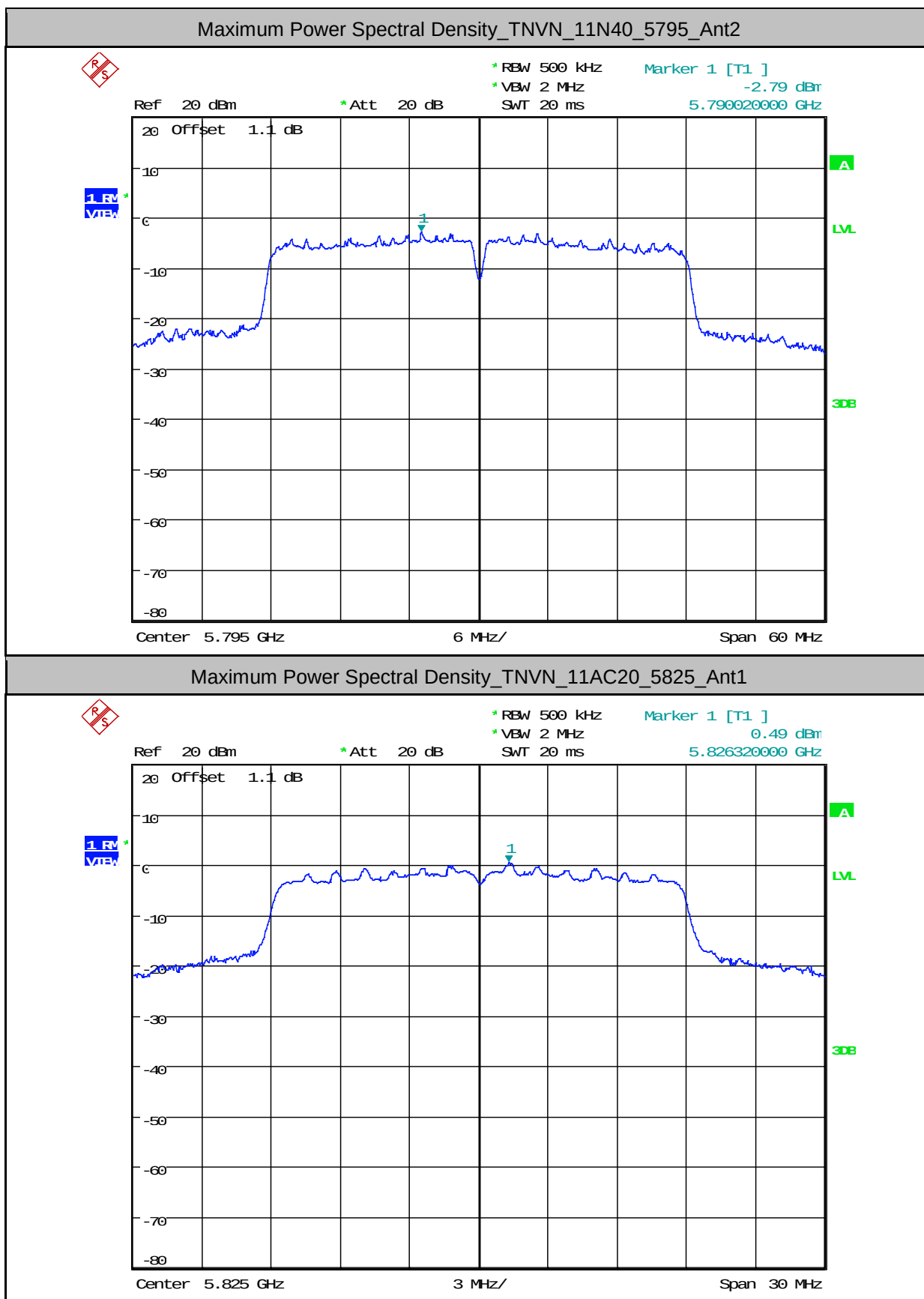


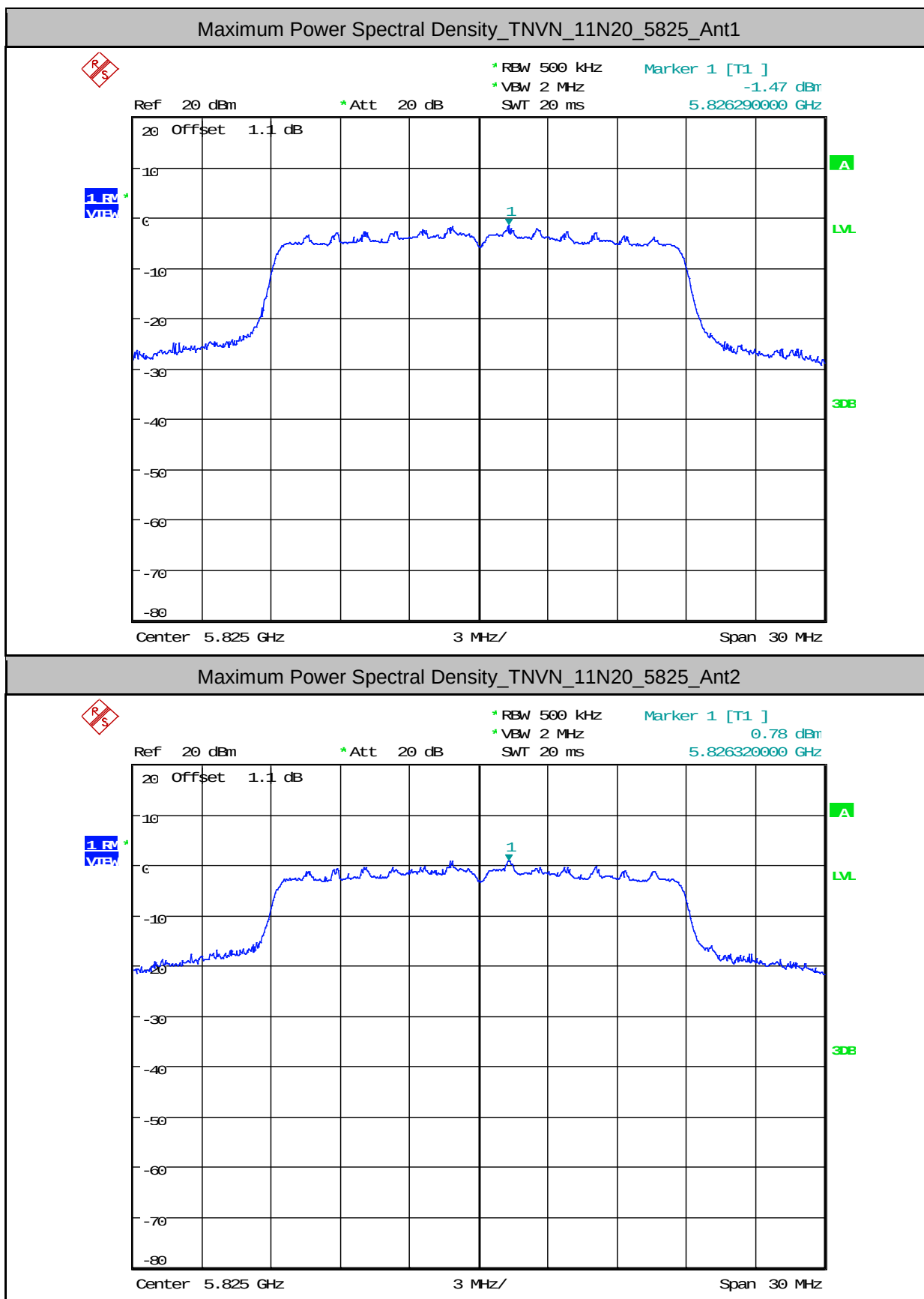


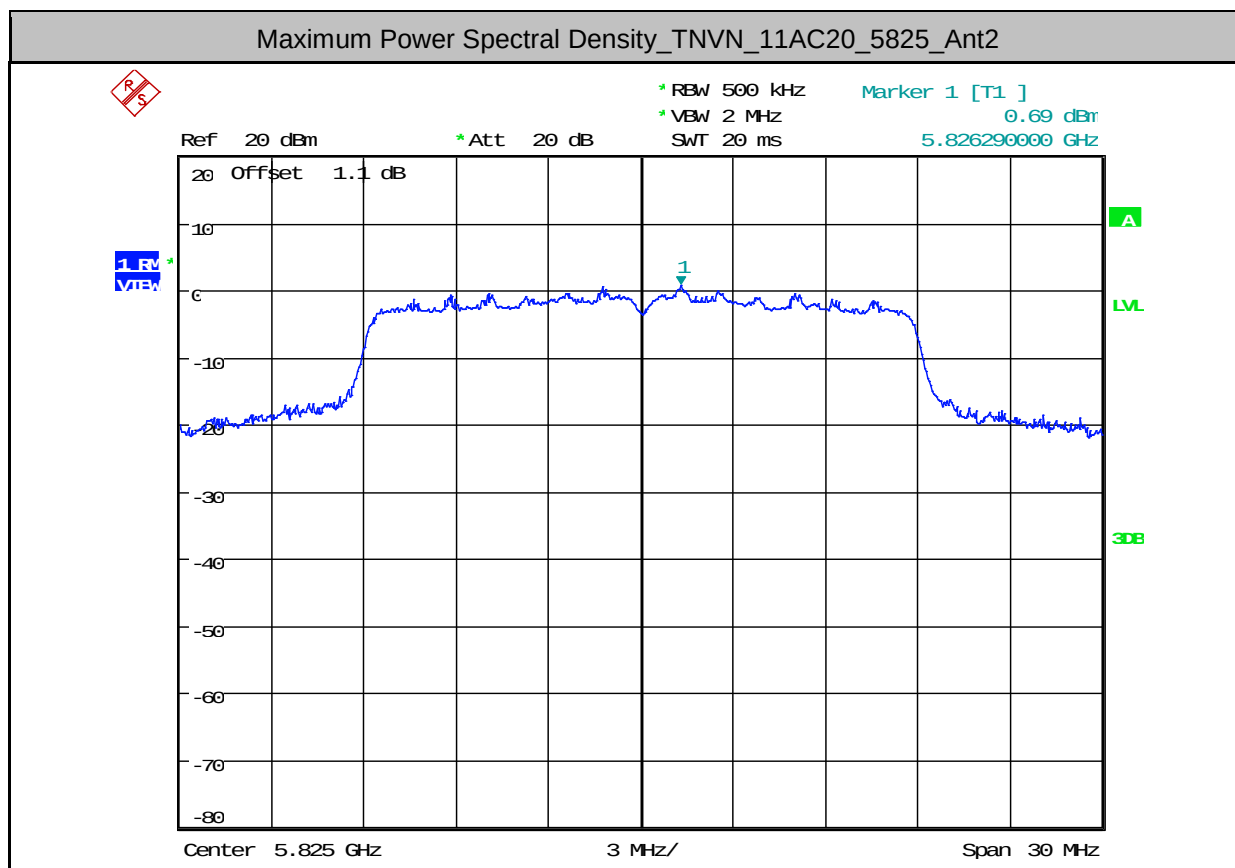














7.Duty Cycle (x)

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	94.12	0.26
11A	5180	Ant2	92.58	0.33
11A	5220	Ant1	90.28	0.44
11A	5220	Ant2	91.14	0.4
11A	5240	Ant1	89.72	0.47
11A	5240	Ant2	95.05	0.22
11A	5745	Ant1	90.28	0.44
11A	5745	Ant2	93.2	0.31
11A	5785	Ant1	93.2	0.31
11A	5785	Ant2	93.51	0.29
11A	5825	Ant1	90.28	0.44
11A	5825	Ant2	93.18	0.31
11N20	5180	Ant1	89.97	0.46
11AC20	5180	Ant1	94.77	0.23
11N20	5180	Ant2	94.72	0.24
11AC20	5180	Ant2	90.37	0.44
11N40	5190	Ant1	82.16	0.85
11AC40	5190	Ant1	79.72	0.98
11AC40	5190	Ant2	84.15	0.75
11N40	5190	Ant2	81.55	0.89
11AC80	5210	Ant1	73.57	1.33
11AC80	5210	Ant2	81.37	0.9
11AC20	5220	Ant1	93.47	0.29
11N20	5220	Ant1	90.91	0.41
11N20	5220	Ant2	94.06	0.27
11AC20	5220	Ant2	94.12	0.26
11N40	5230	Ant1	80.95	0.92
11AC40	5230	Ant1	81.25	0.9
11N40	5230	Ant2	87.35	0.59
11AC40	5230	Ant2	85.82	0.66
11AC20	5240	Ant1	93.15	0.31

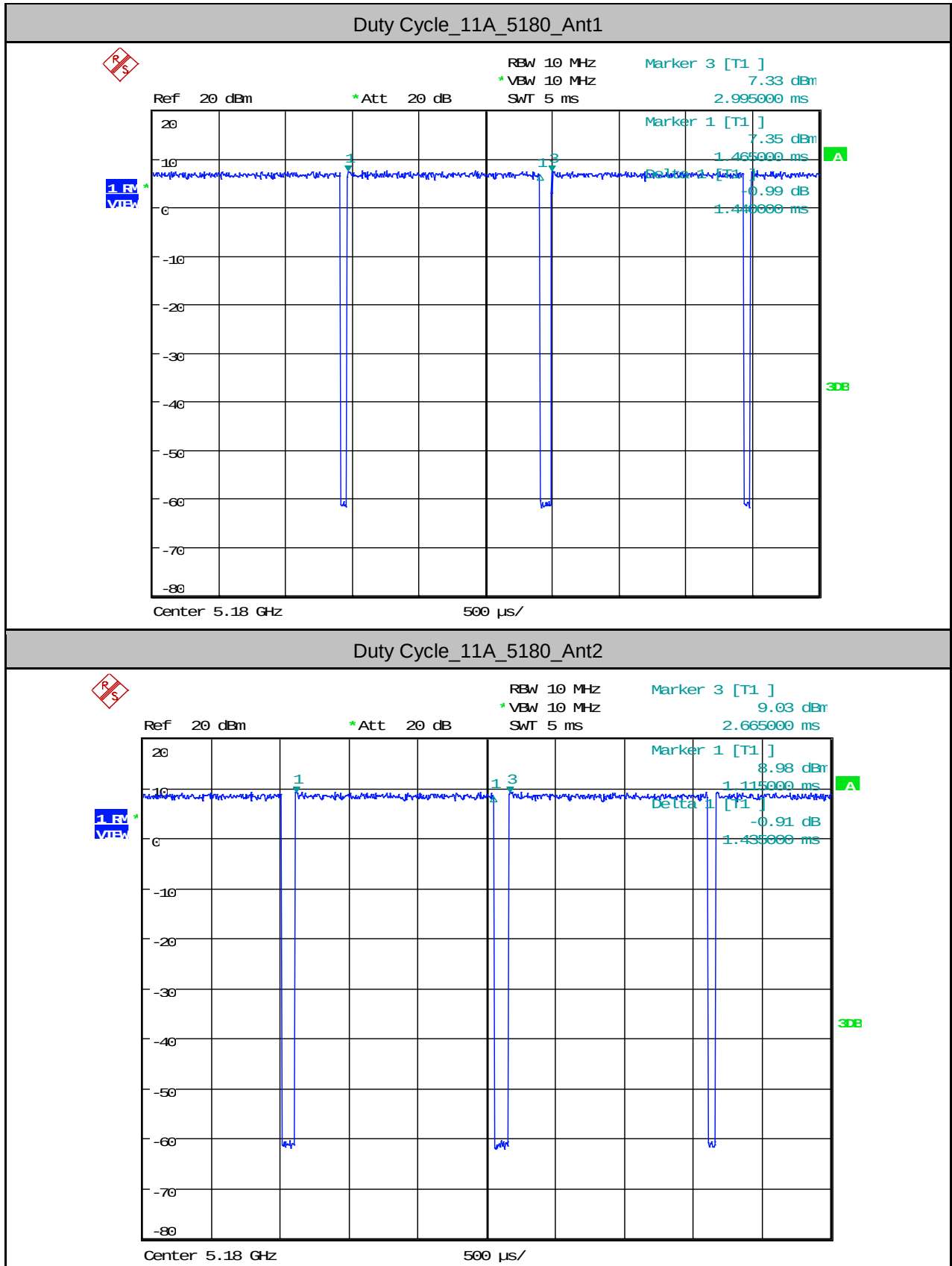


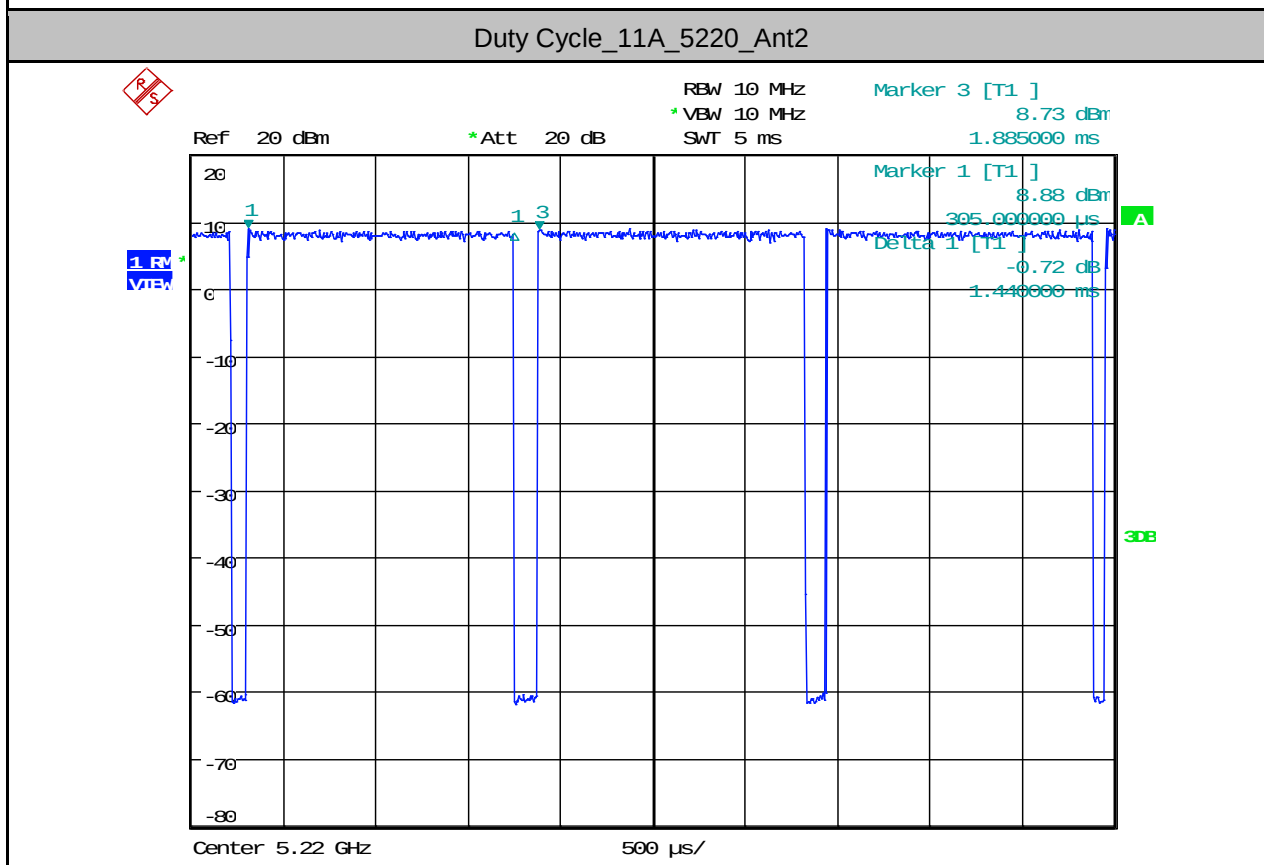
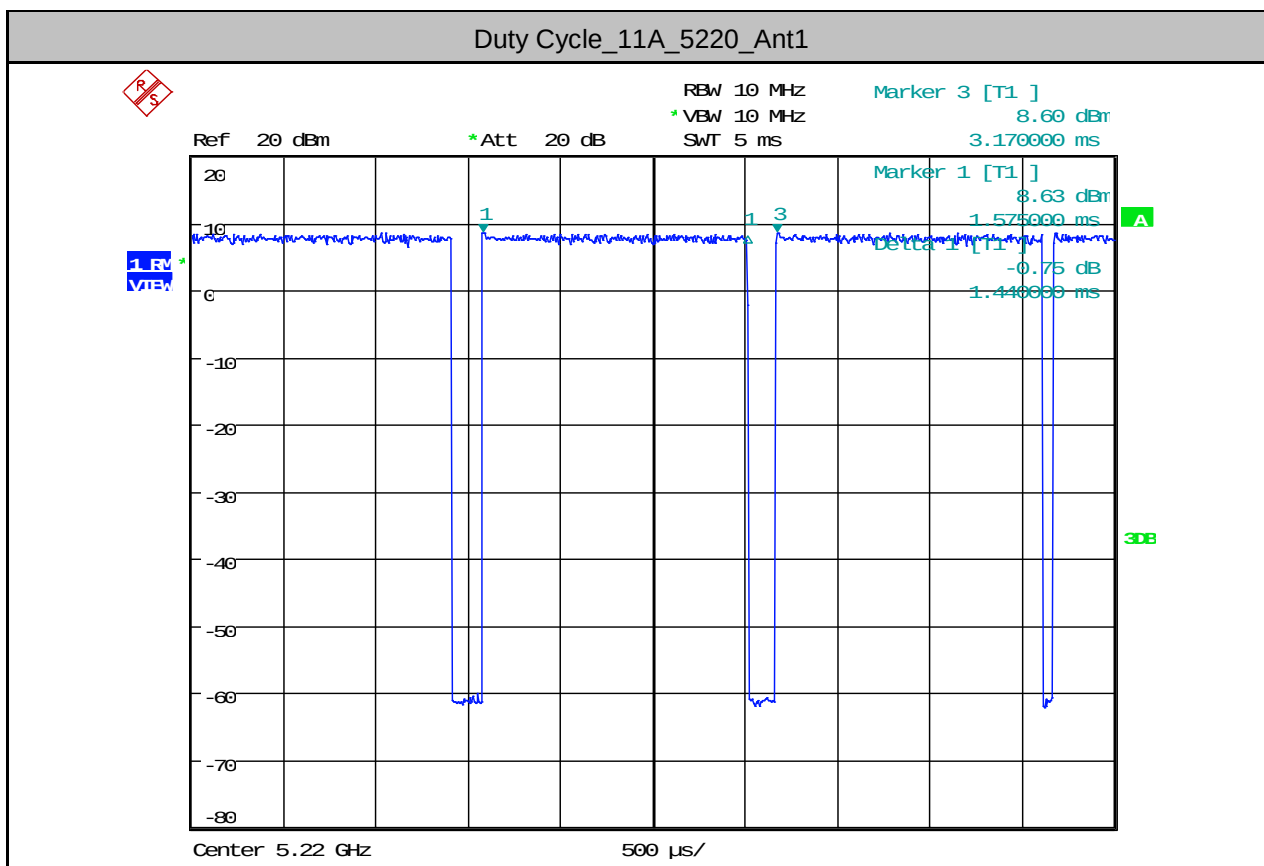
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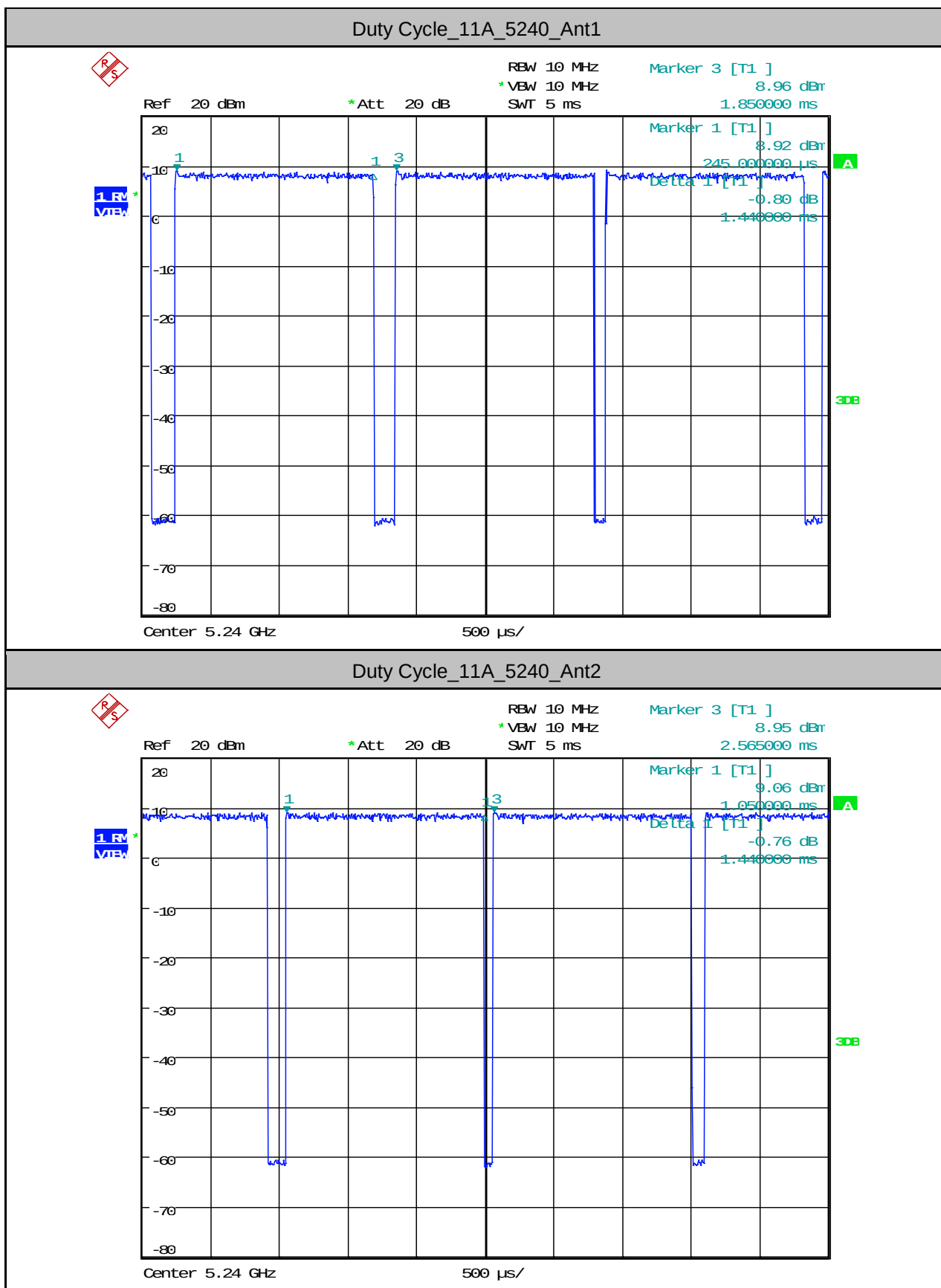
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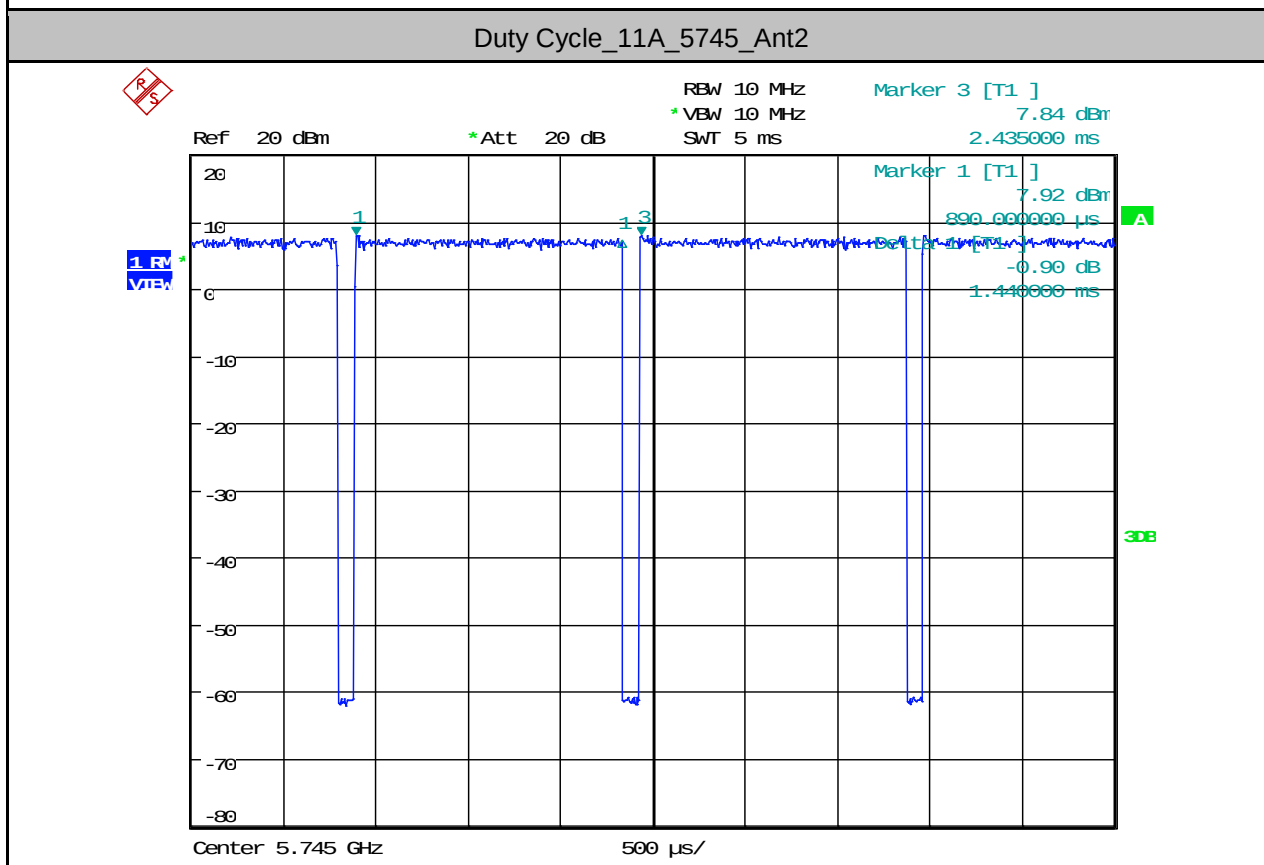
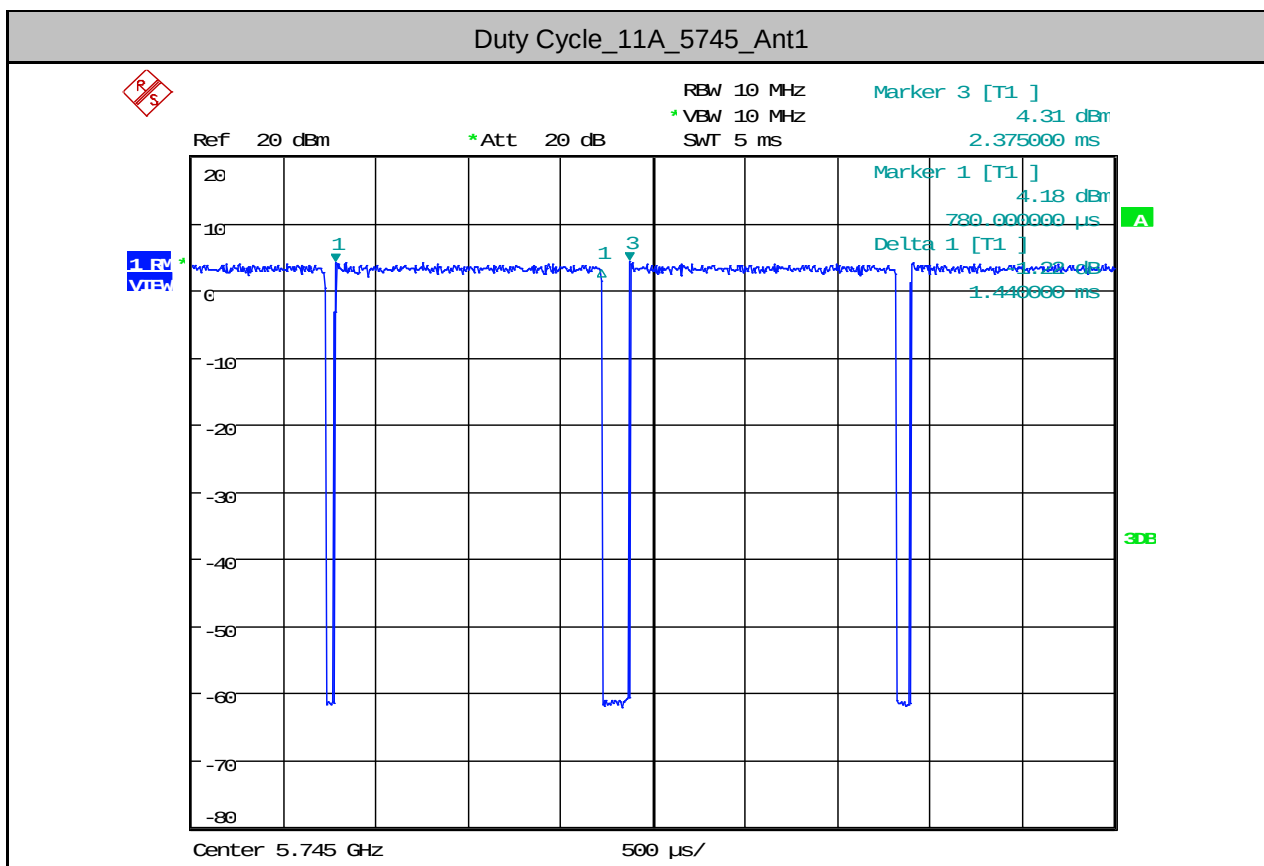
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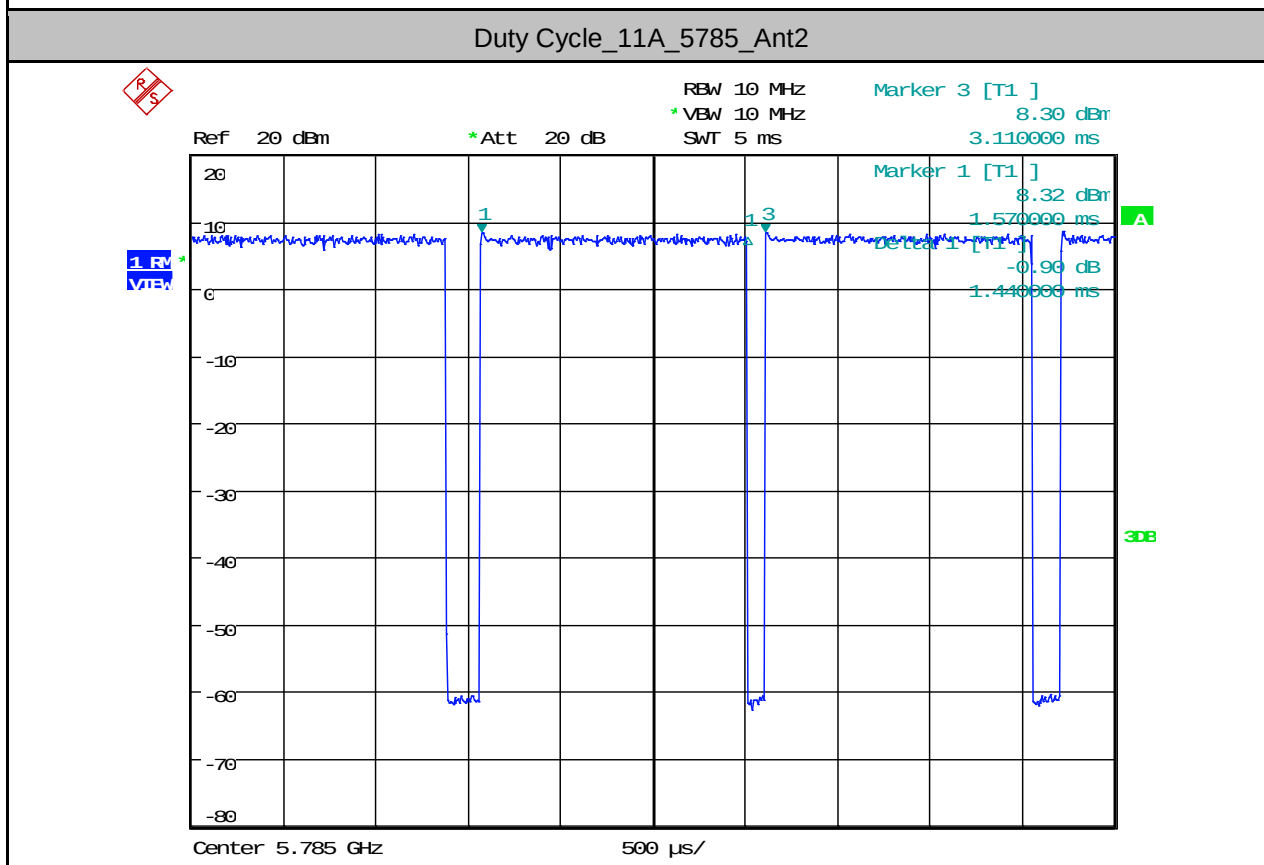
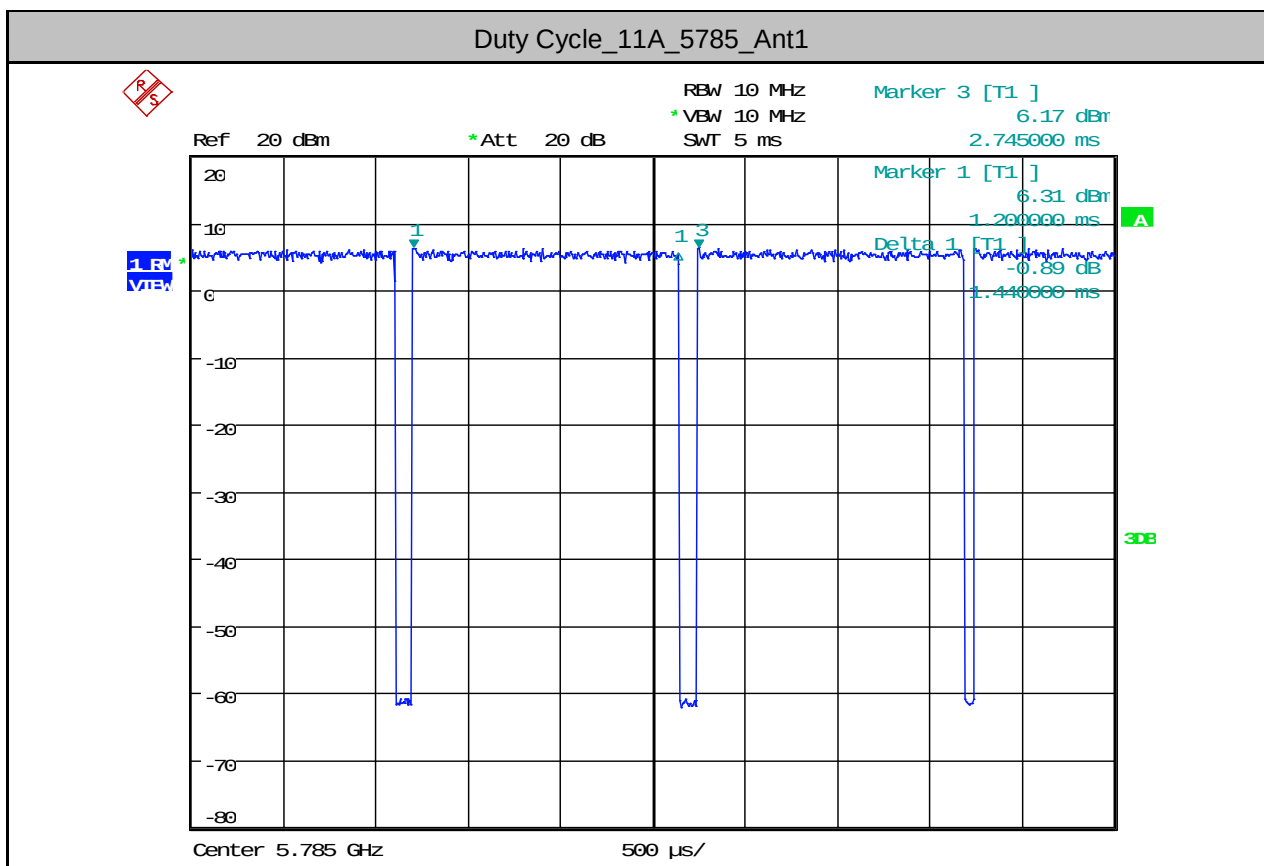
11N20	5240	Ant1	93.4	0.3
11AC20	5240	Ant2	92.49	0.34
11N20	5240	Ant2	89.67	0.47
11AC20	5745	Ant1	87.74	0.57
11N20	5745	Ant1	90.57	0.43
11N20	5745	Ant2	93.4	0.3
11AC20	5745	Ant2	88.03	0.55
11AC40	5755	Ant1	80.87	0.92
11N40	5755	Ant1	87.01	0.6
11N40	5755	Ant2	89.47	0.48
11AC40	5755	Ant2	82.05	0.86
11AC80	5775	Ant1	81.37	0.9
11AC80	5775	Ant2	70.76	1.5
11N20	5785	Ant1	91.81	0.37
11AC20	5785	Ant1	90.64	0.43
11AC20	5785	Ant2	92.83	0.32
11N20	5785	Ant2	89.11	0.5
11N40	5795	Ant1	89.47	0.48
11AC40	5795	Ant1	79.15	1.02
11AC40	5795	Ant2	84.53	0.73
11N40	5795	Ant2	88.4	0.54
11AC20	5825	Ant1	88.85	0.51
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11AC20	5825	Ant2	88.56	0.53

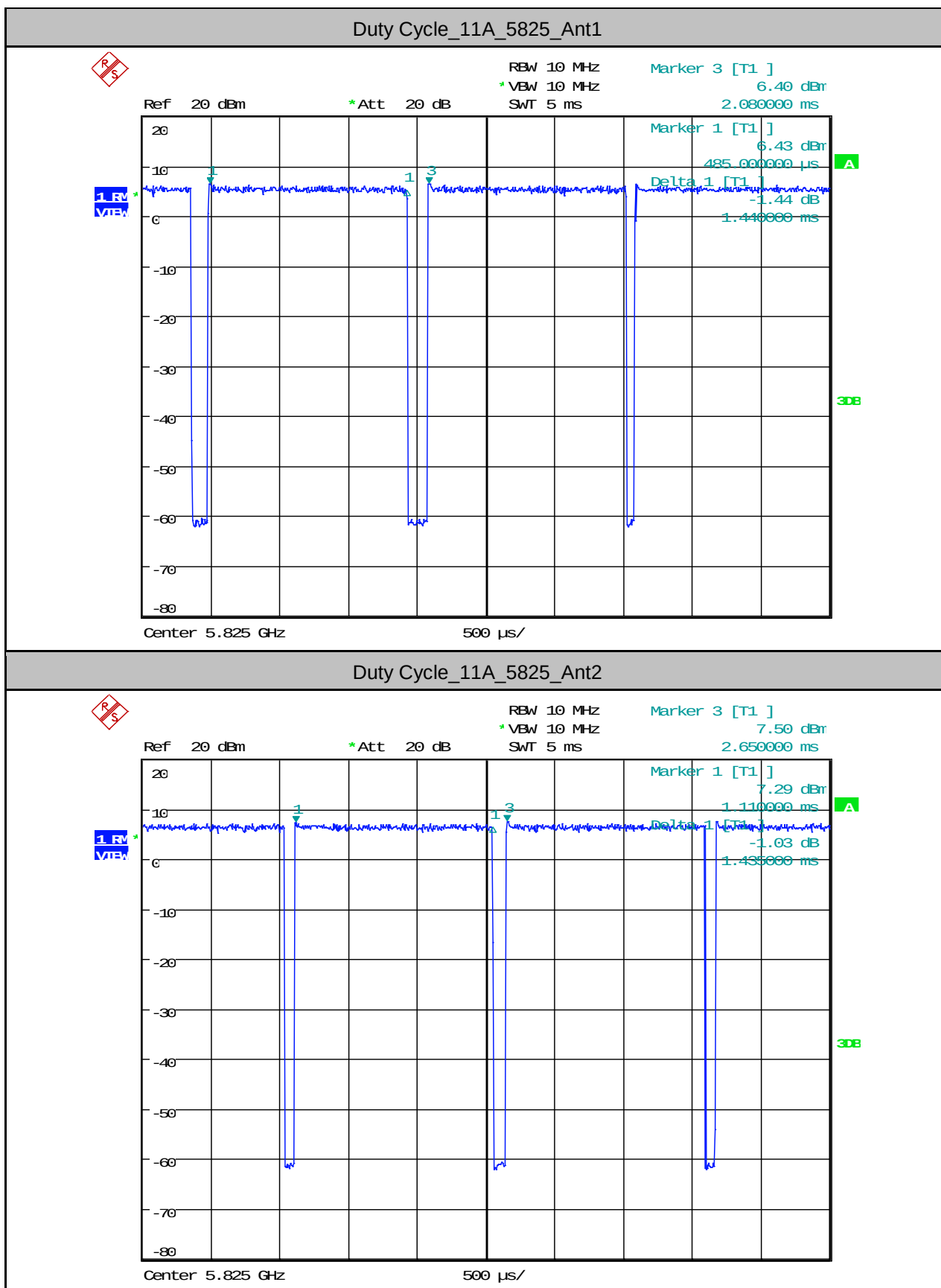


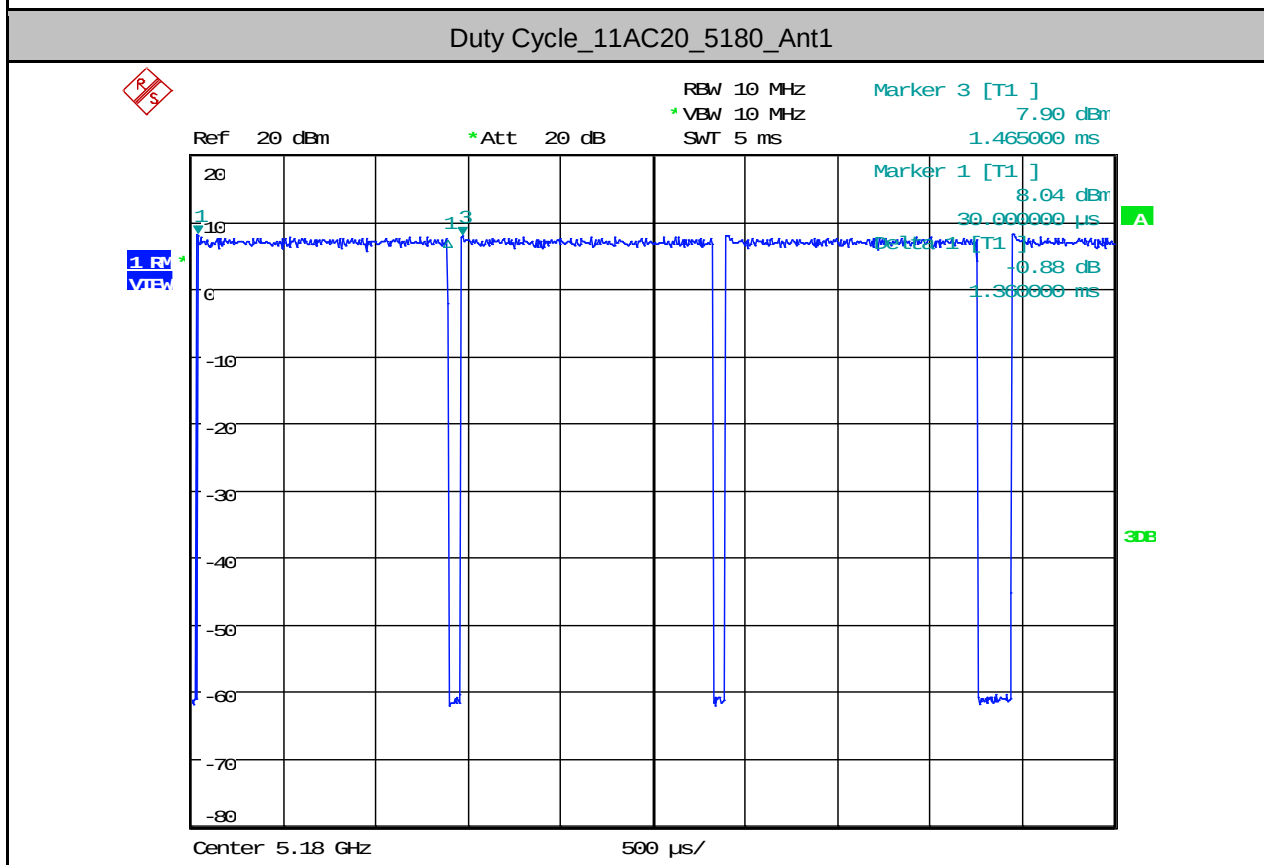
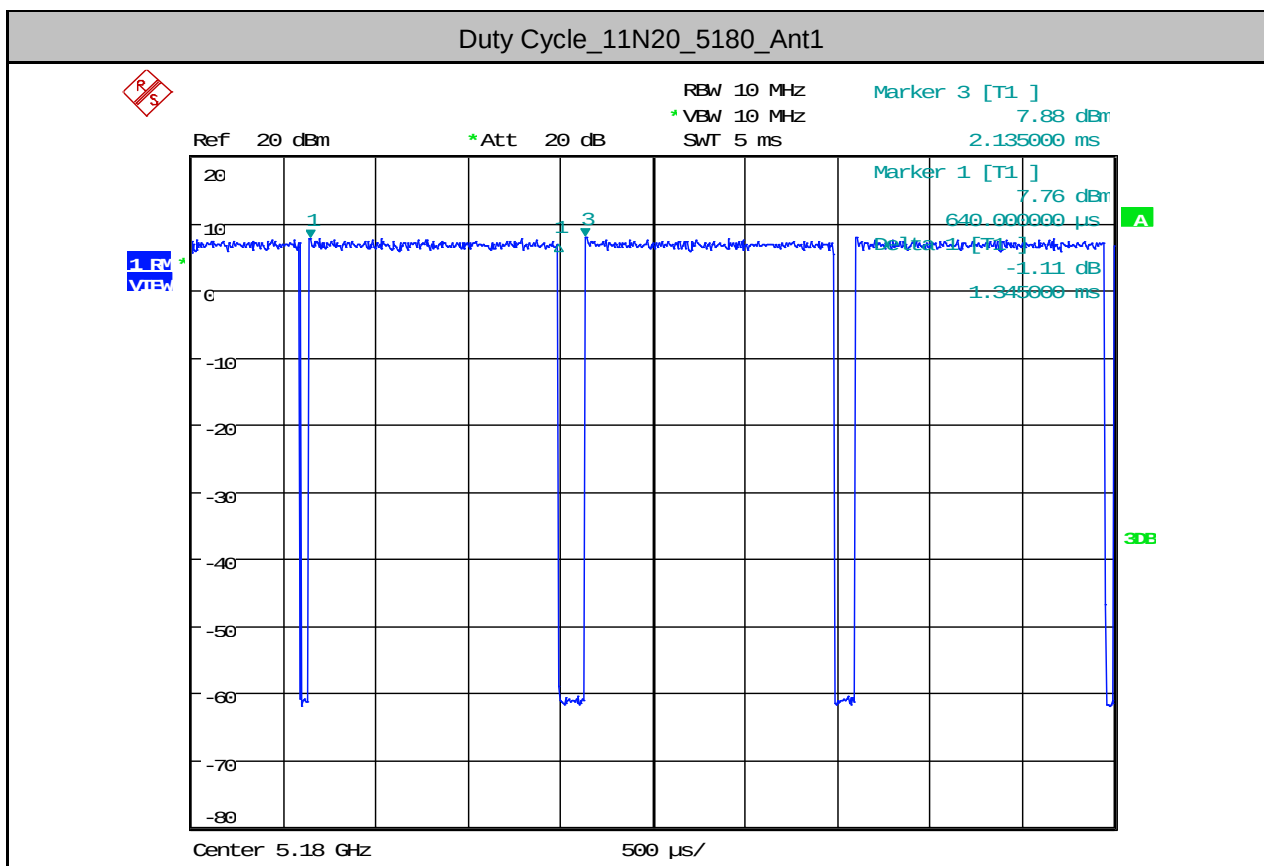


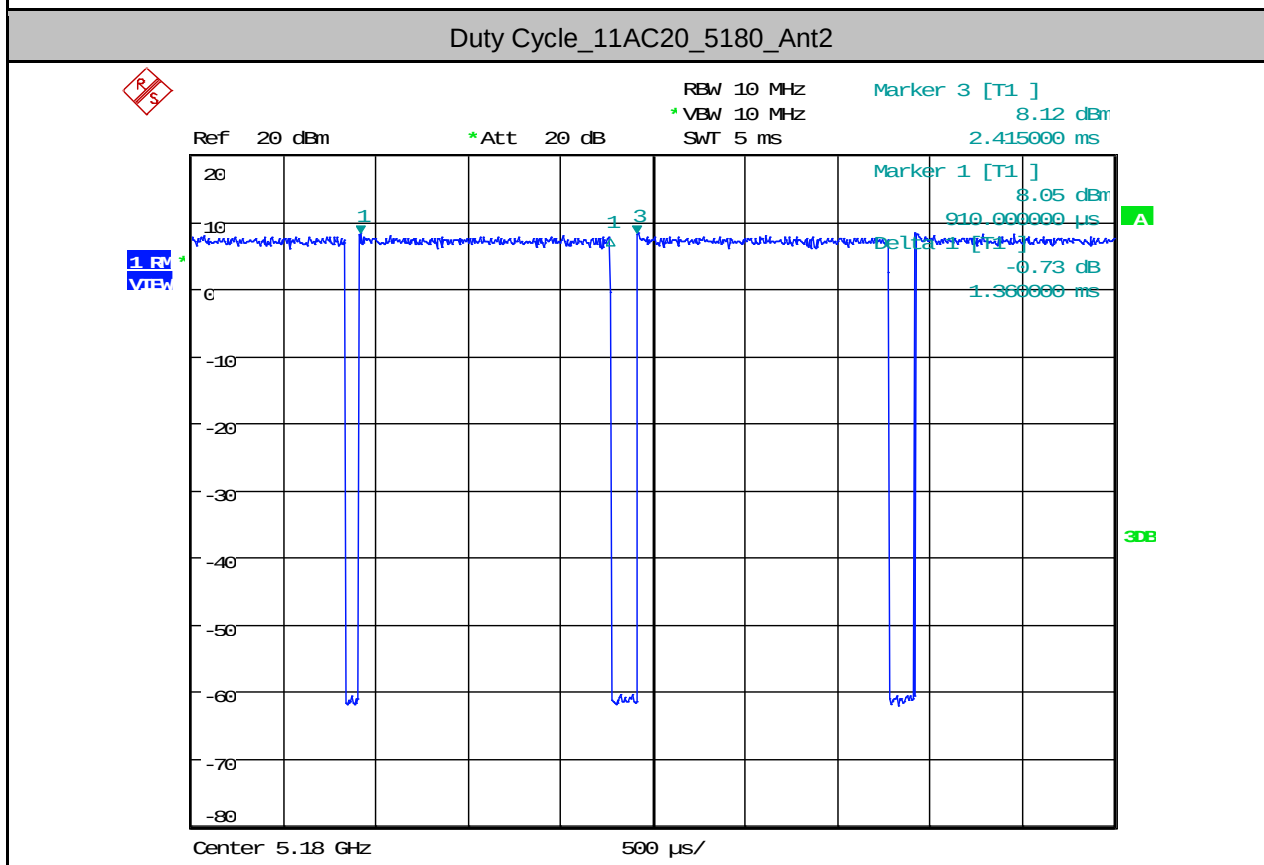
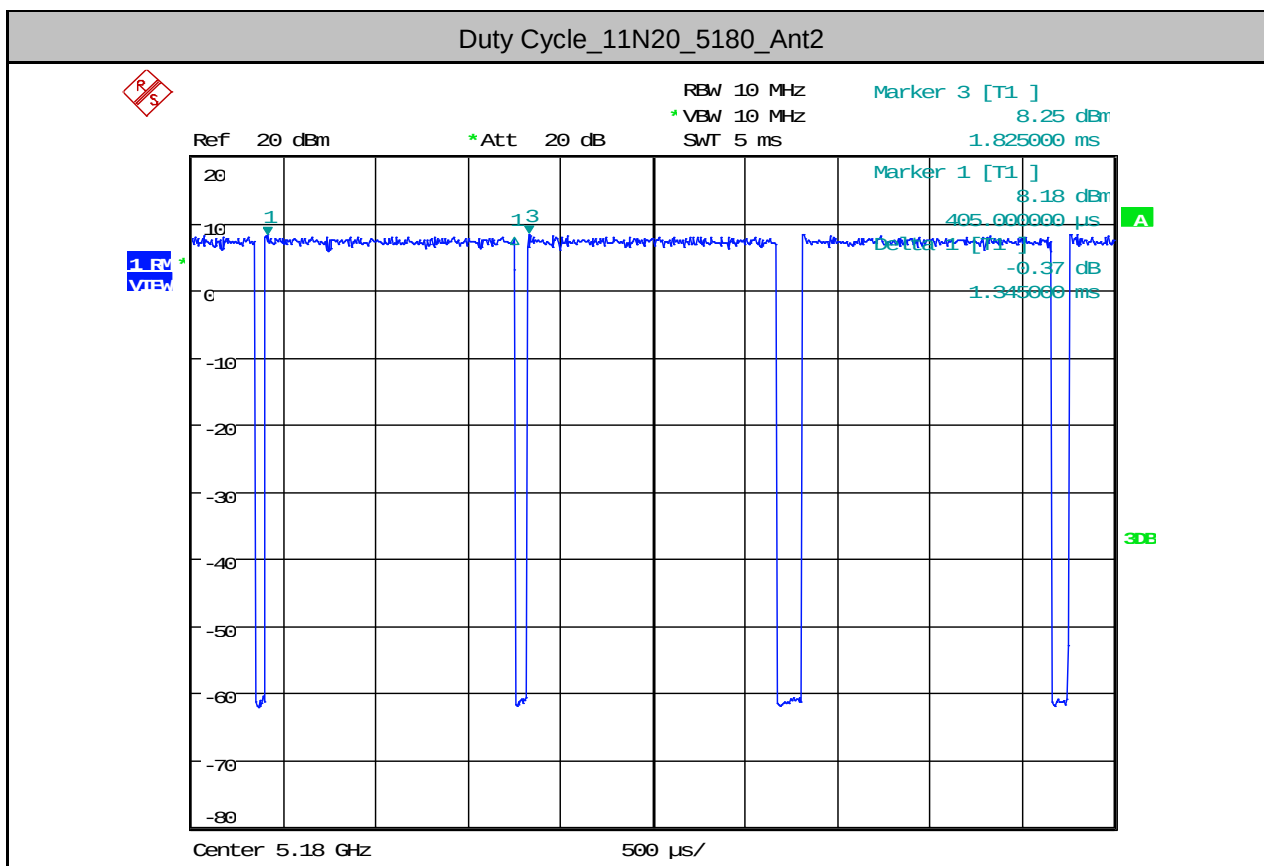


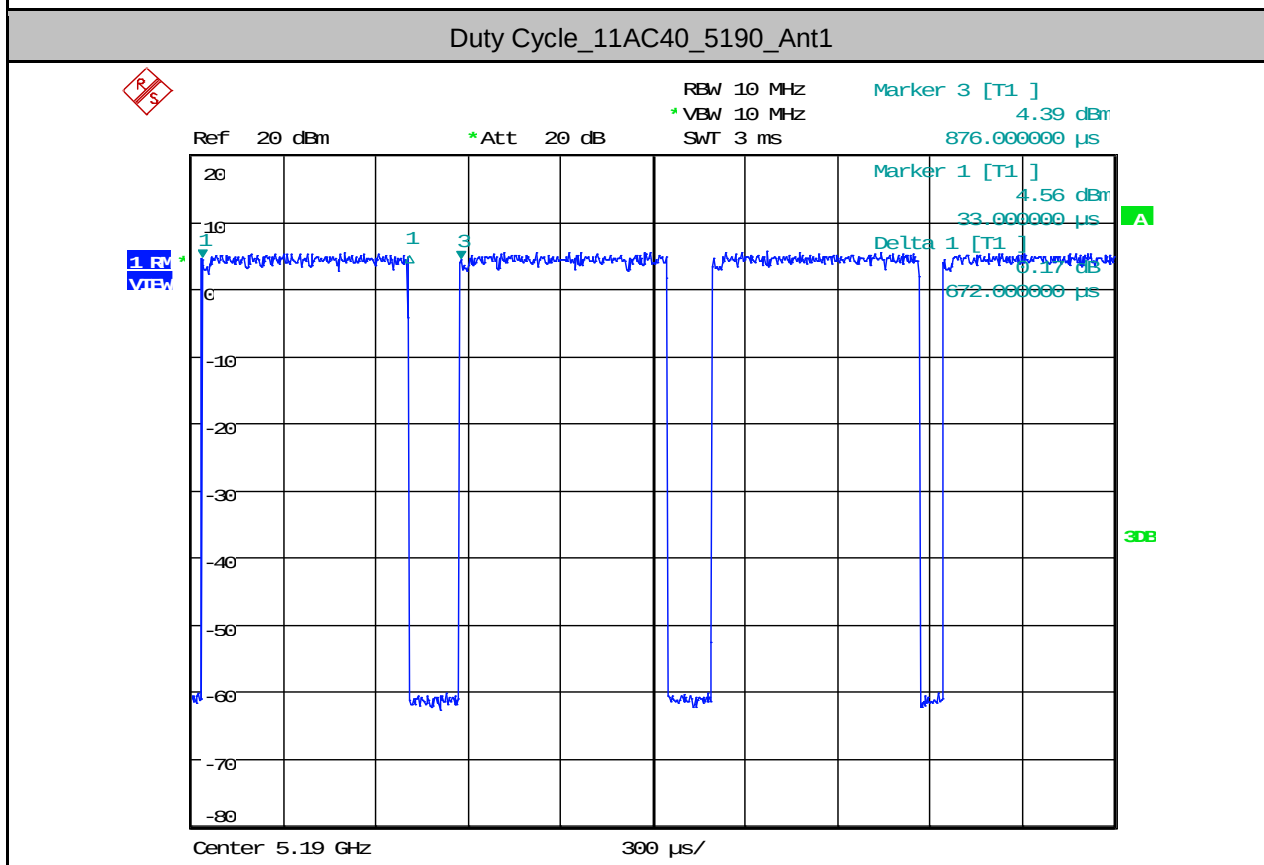
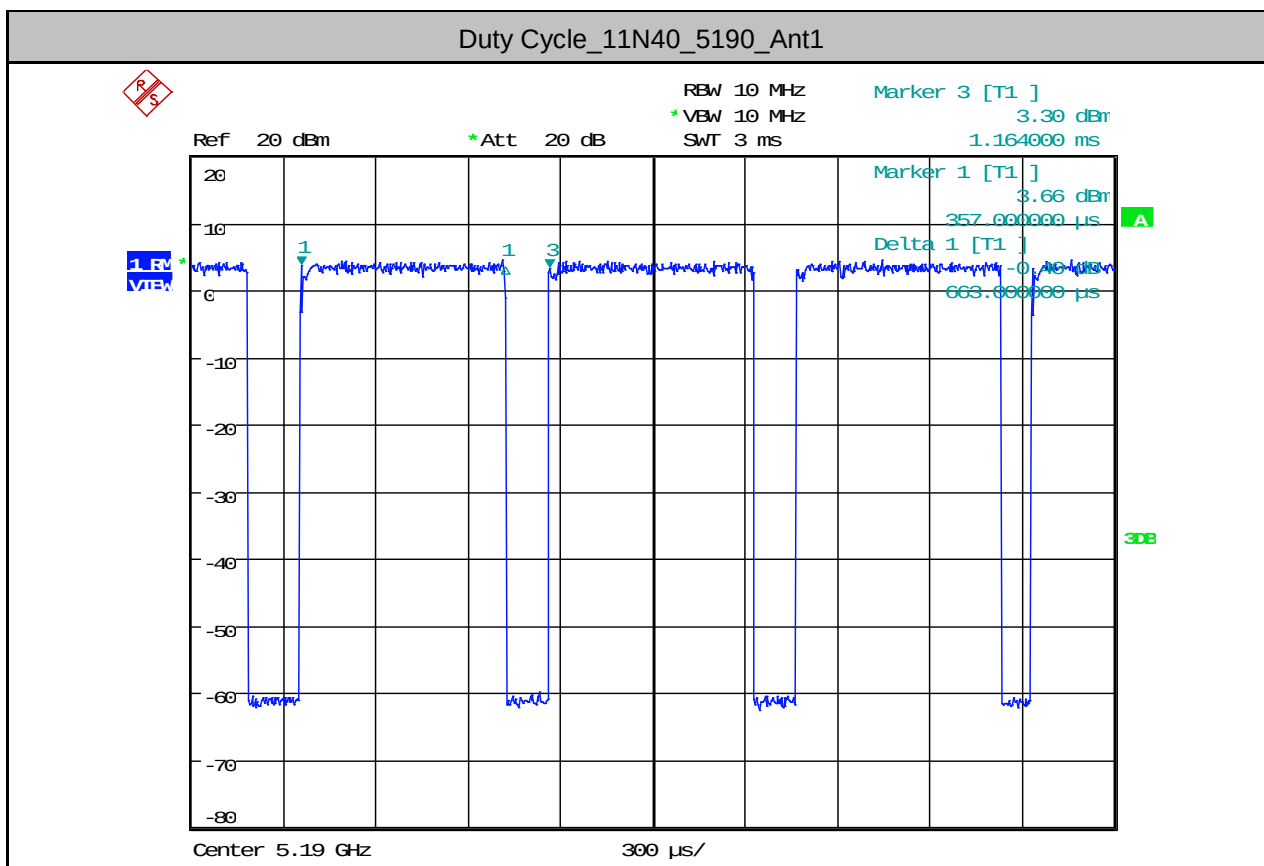


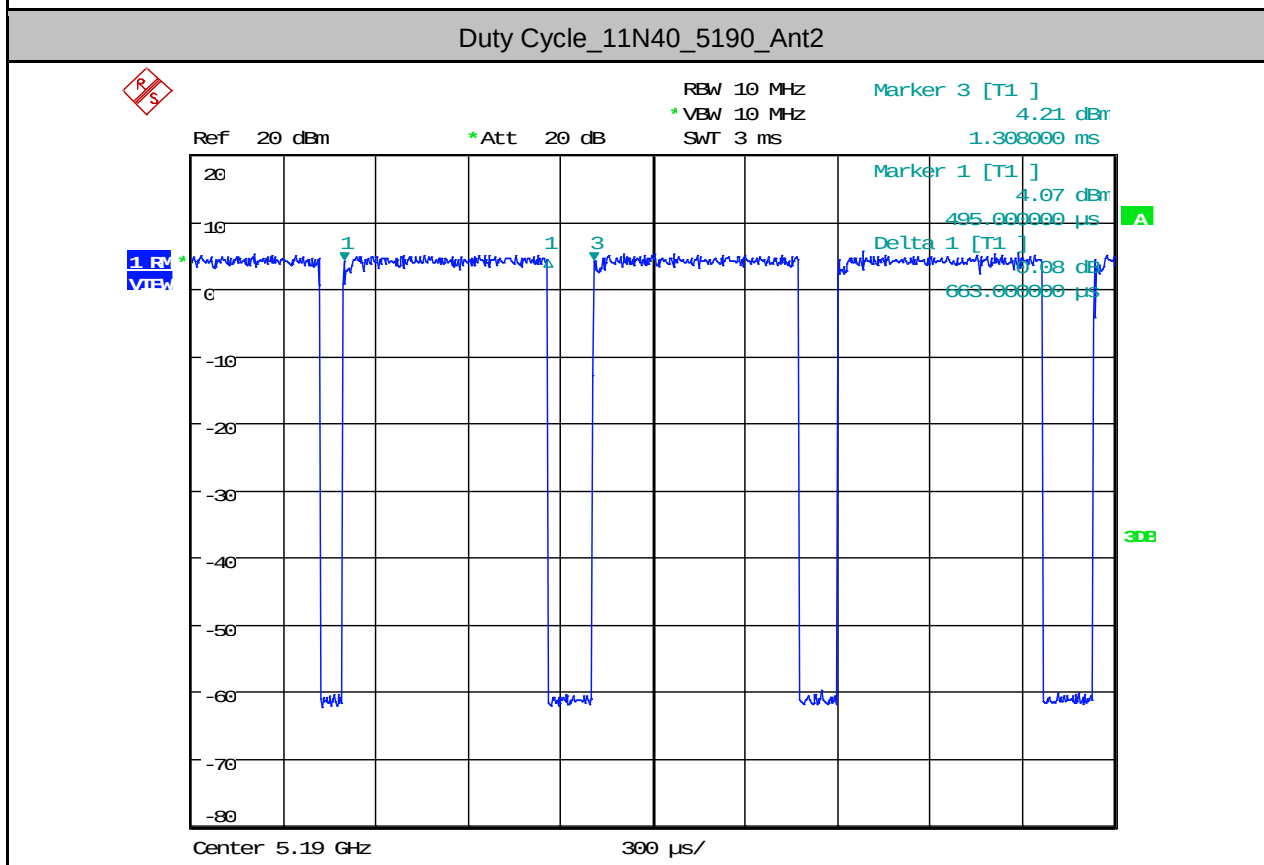
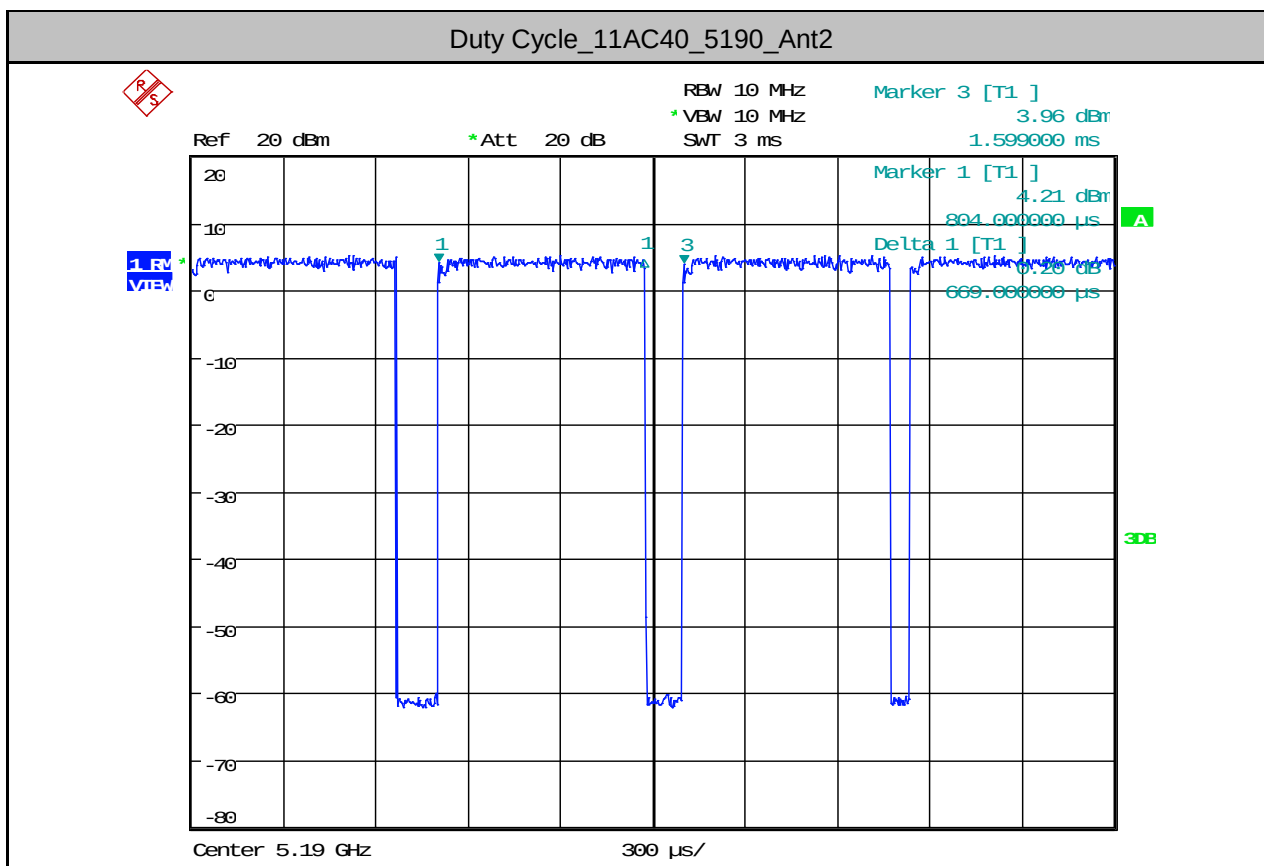


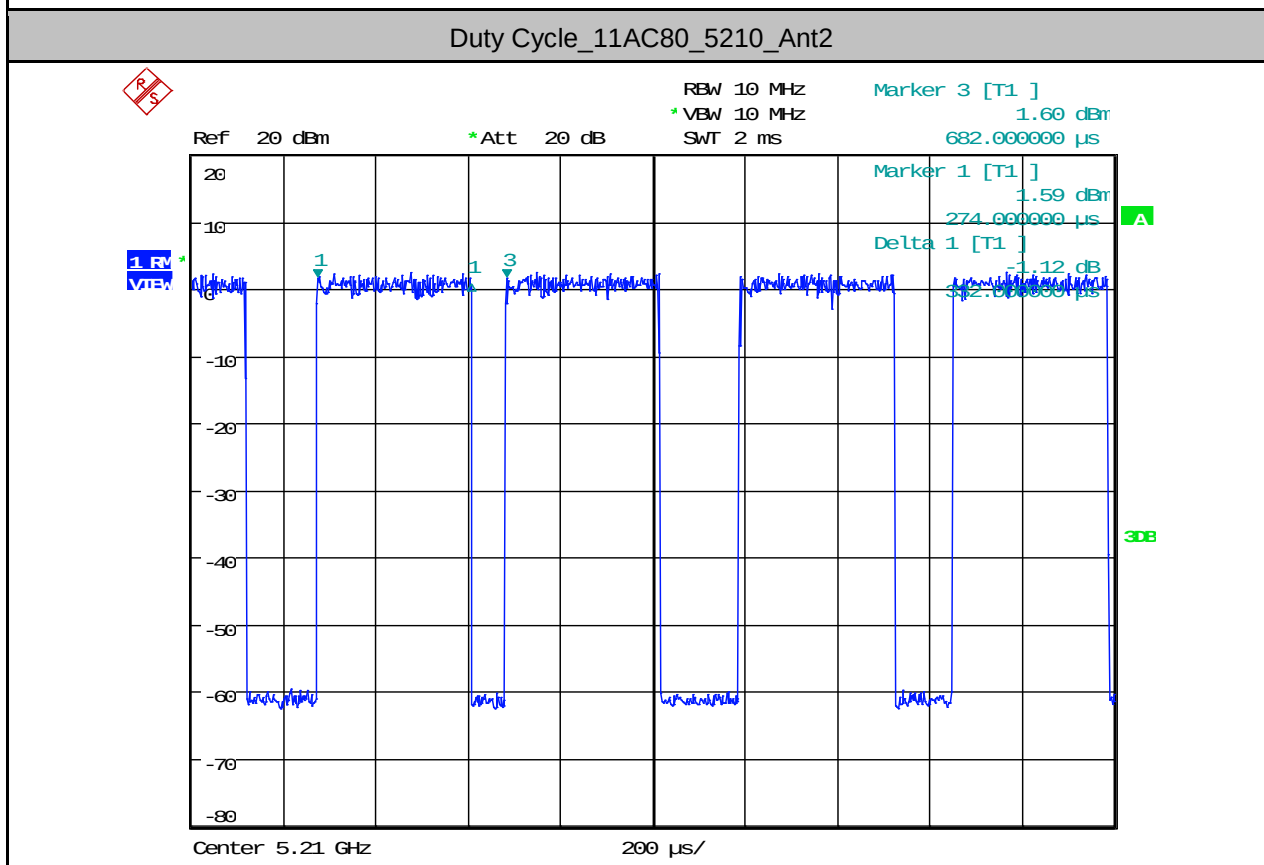
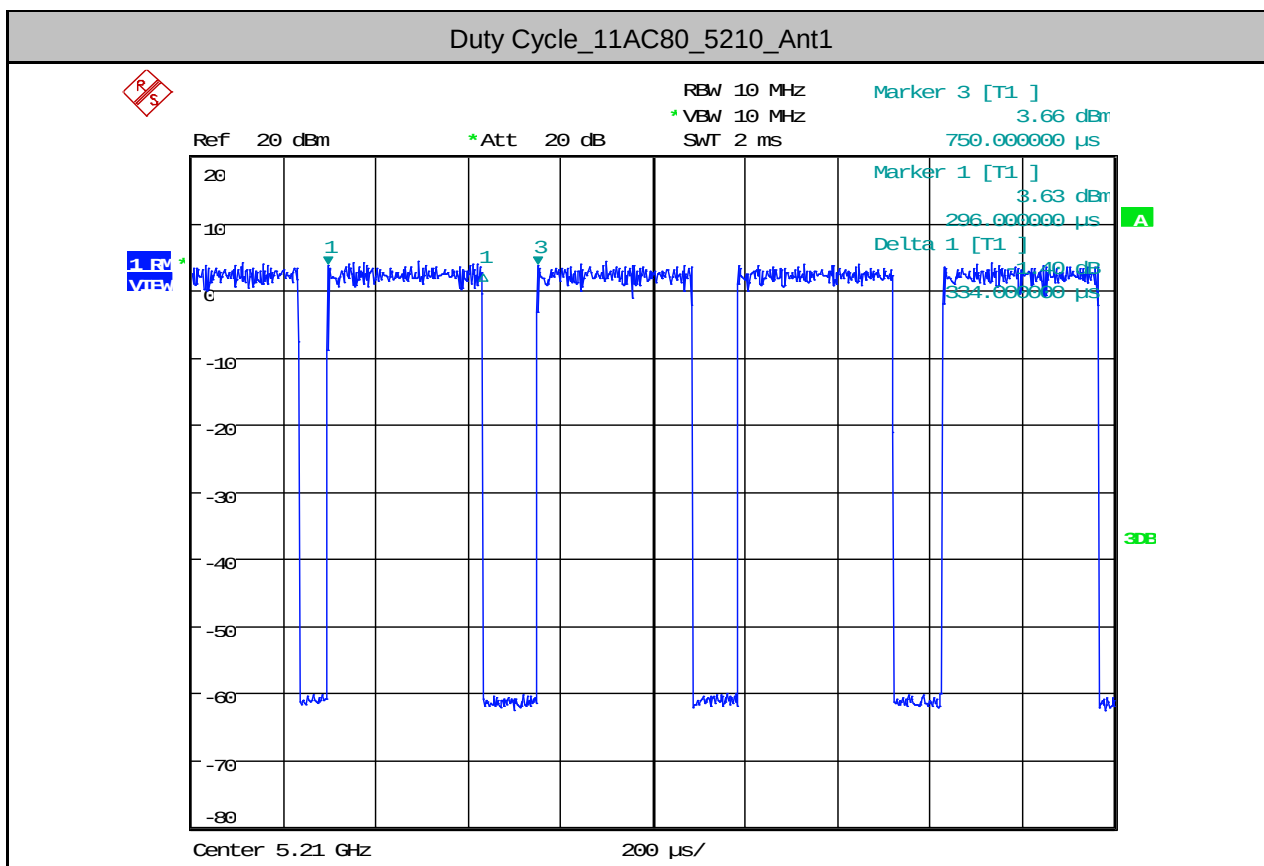


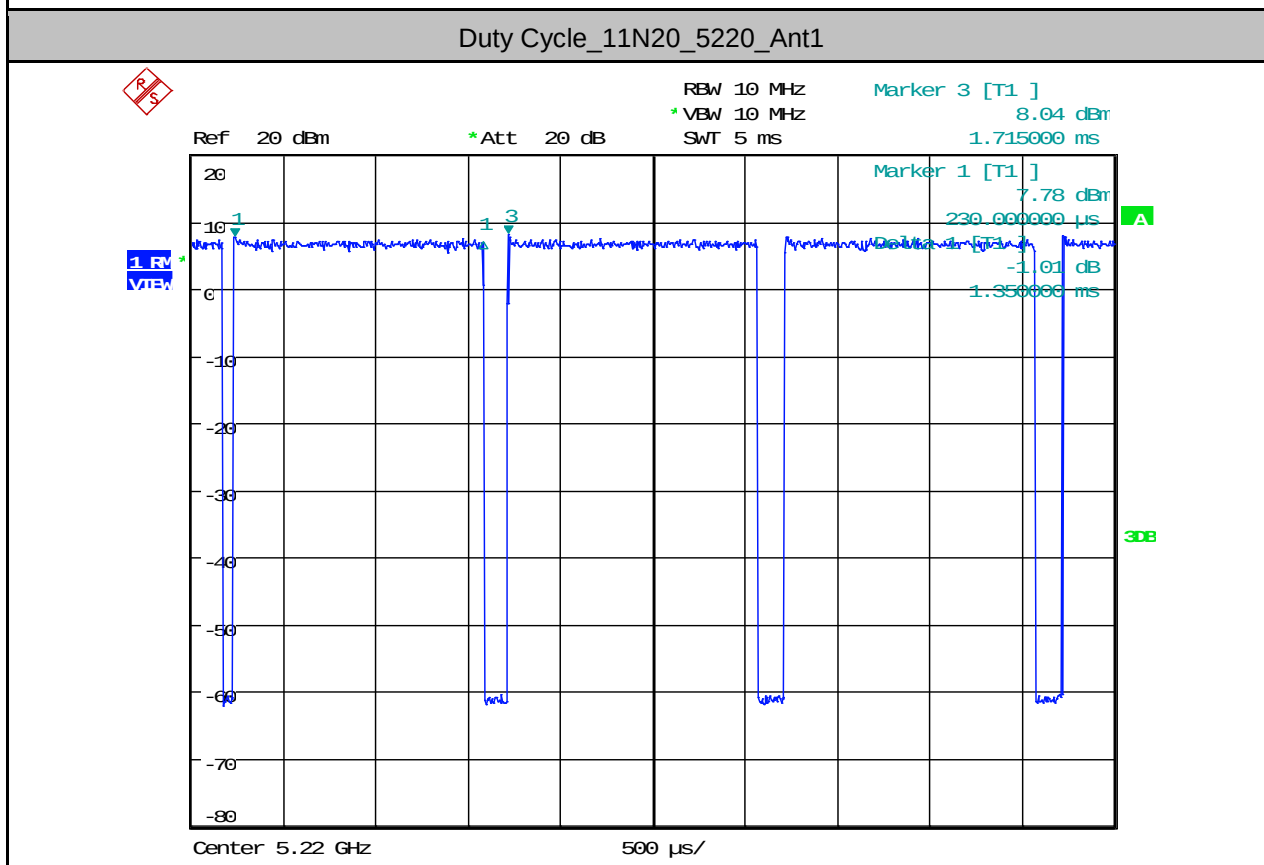
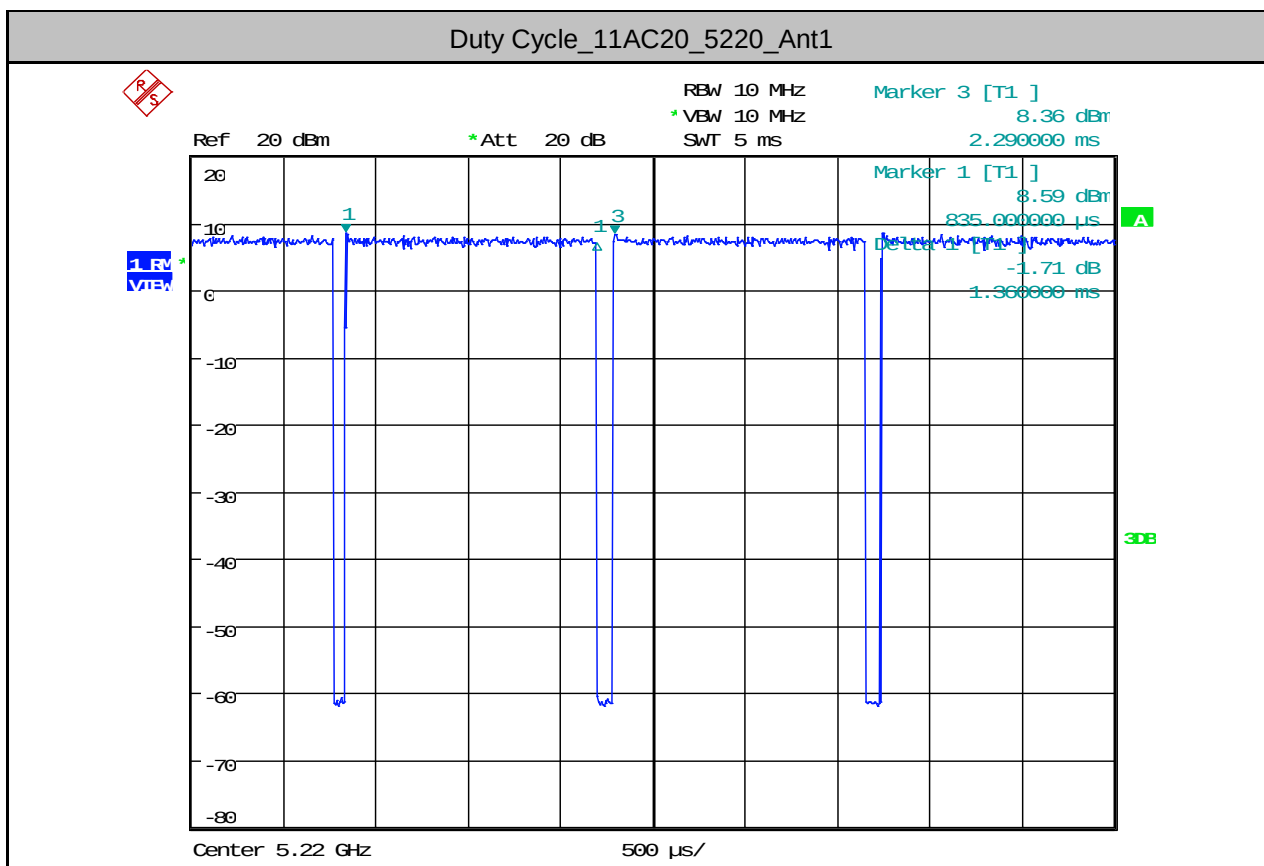


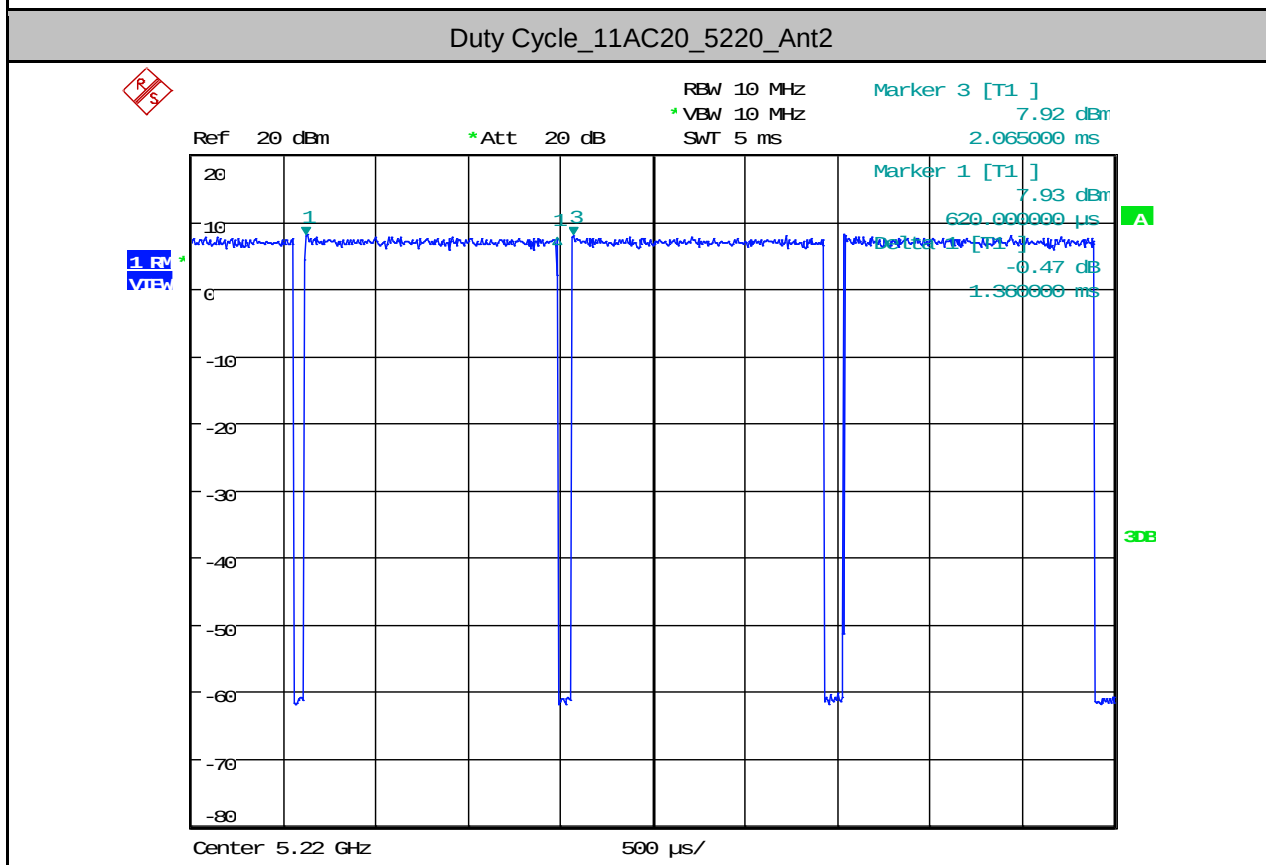
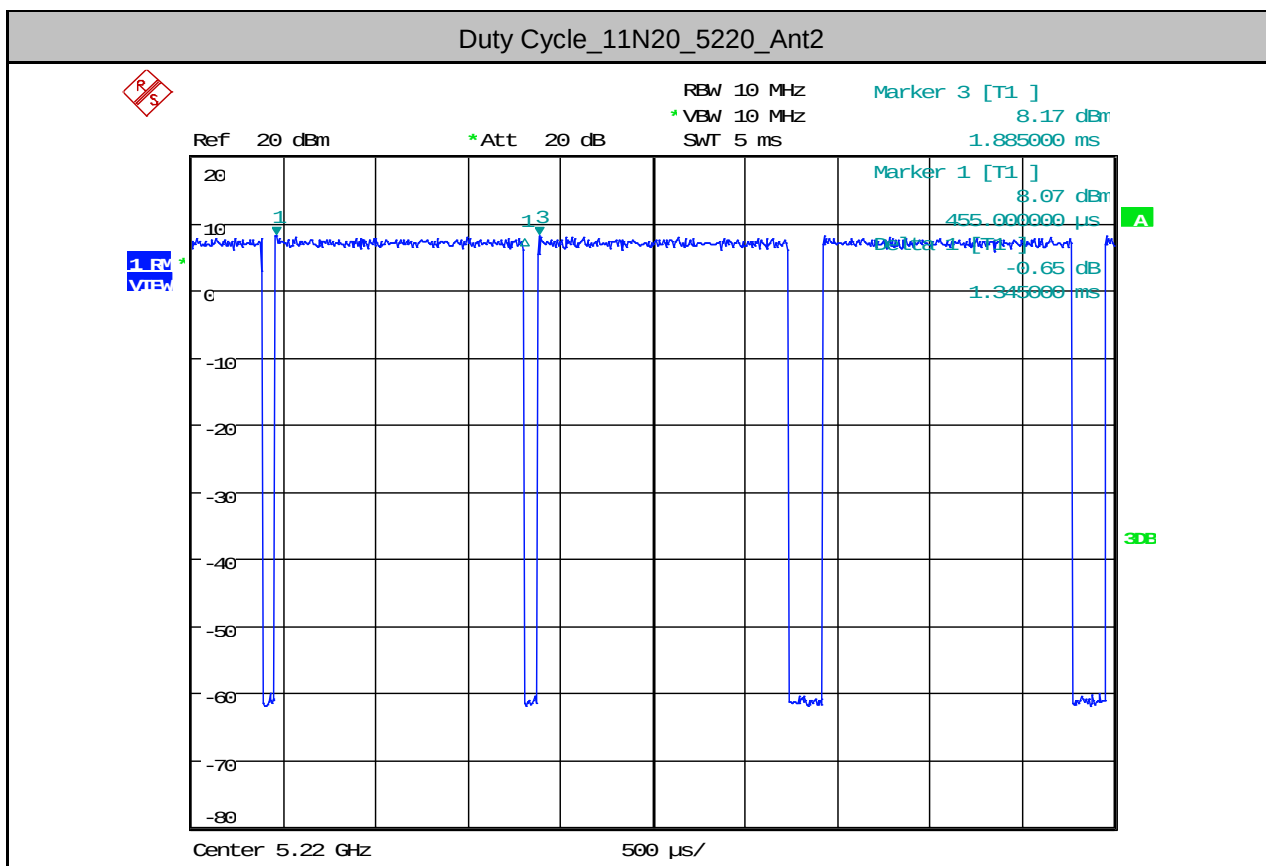


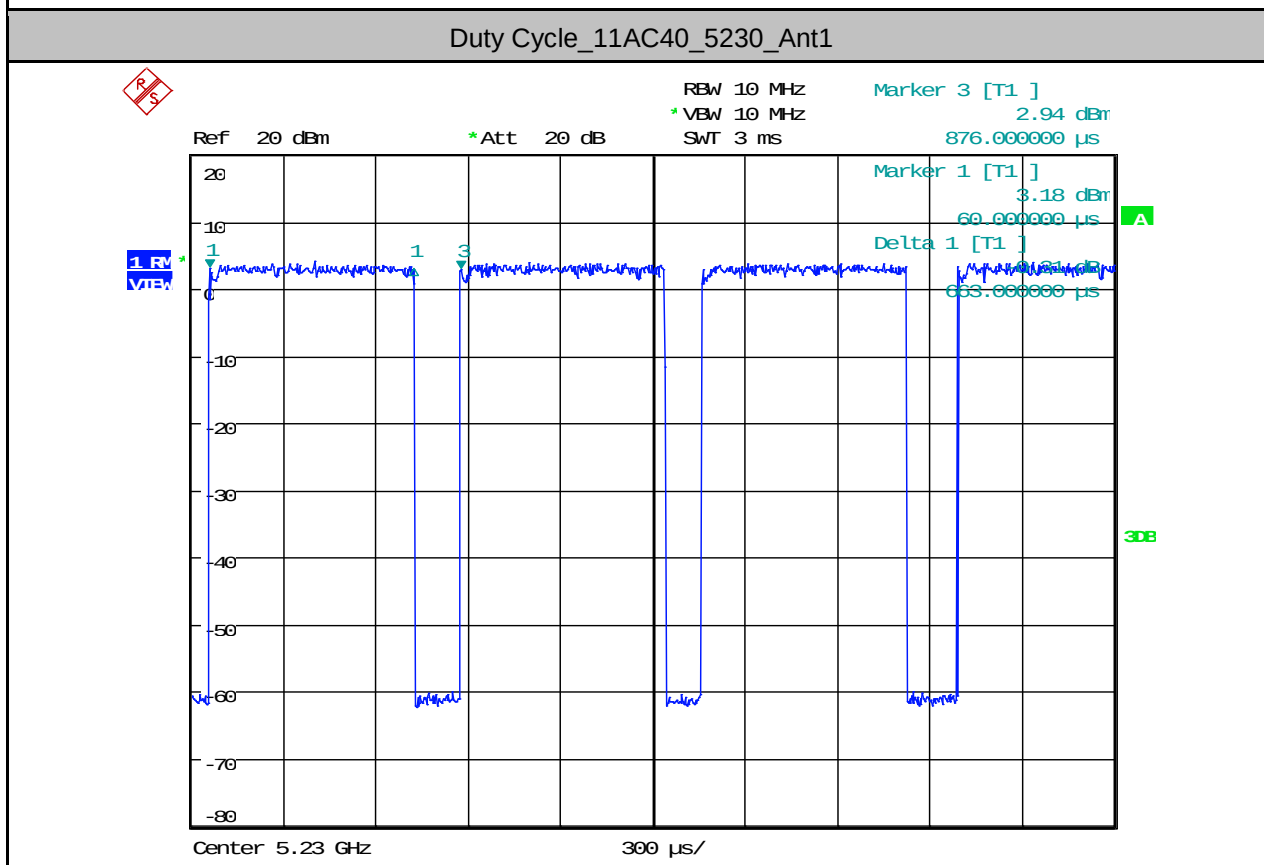
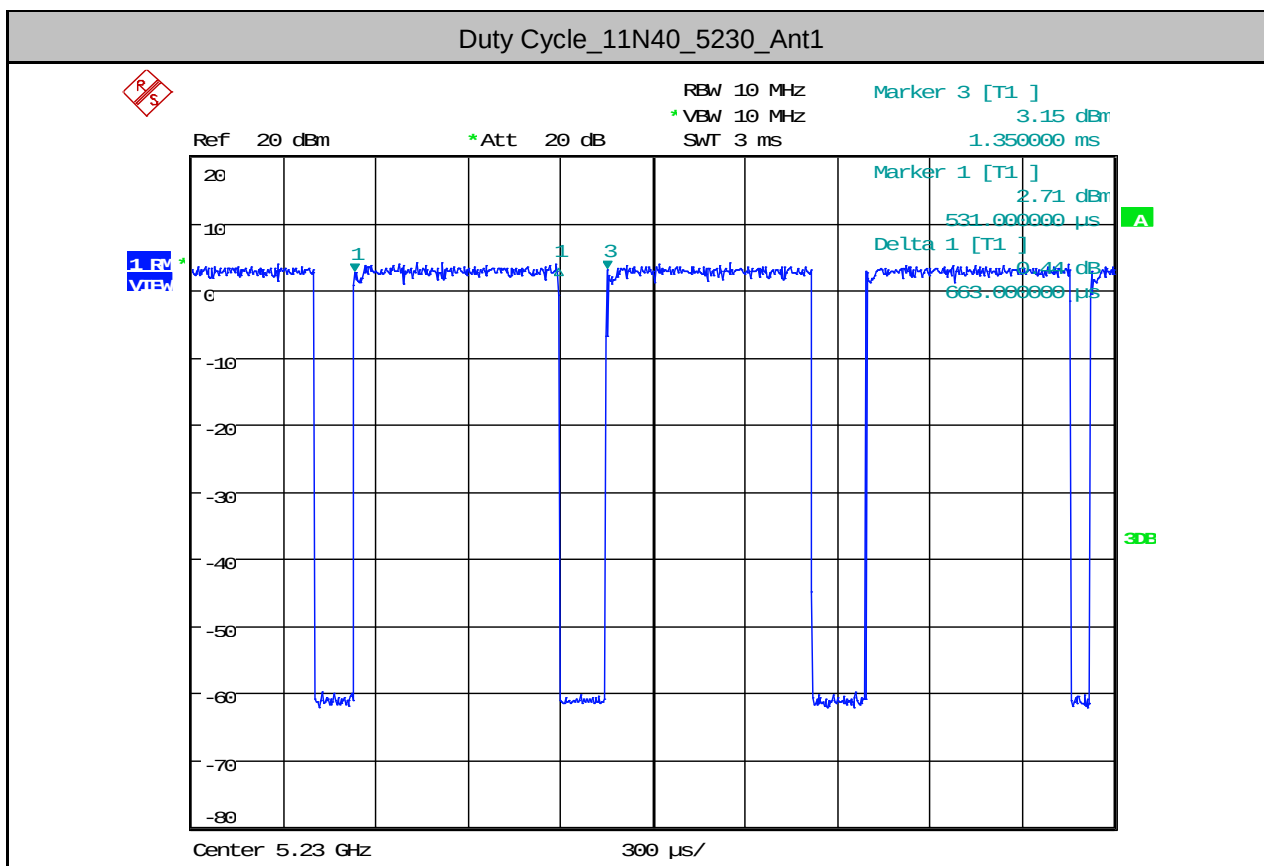


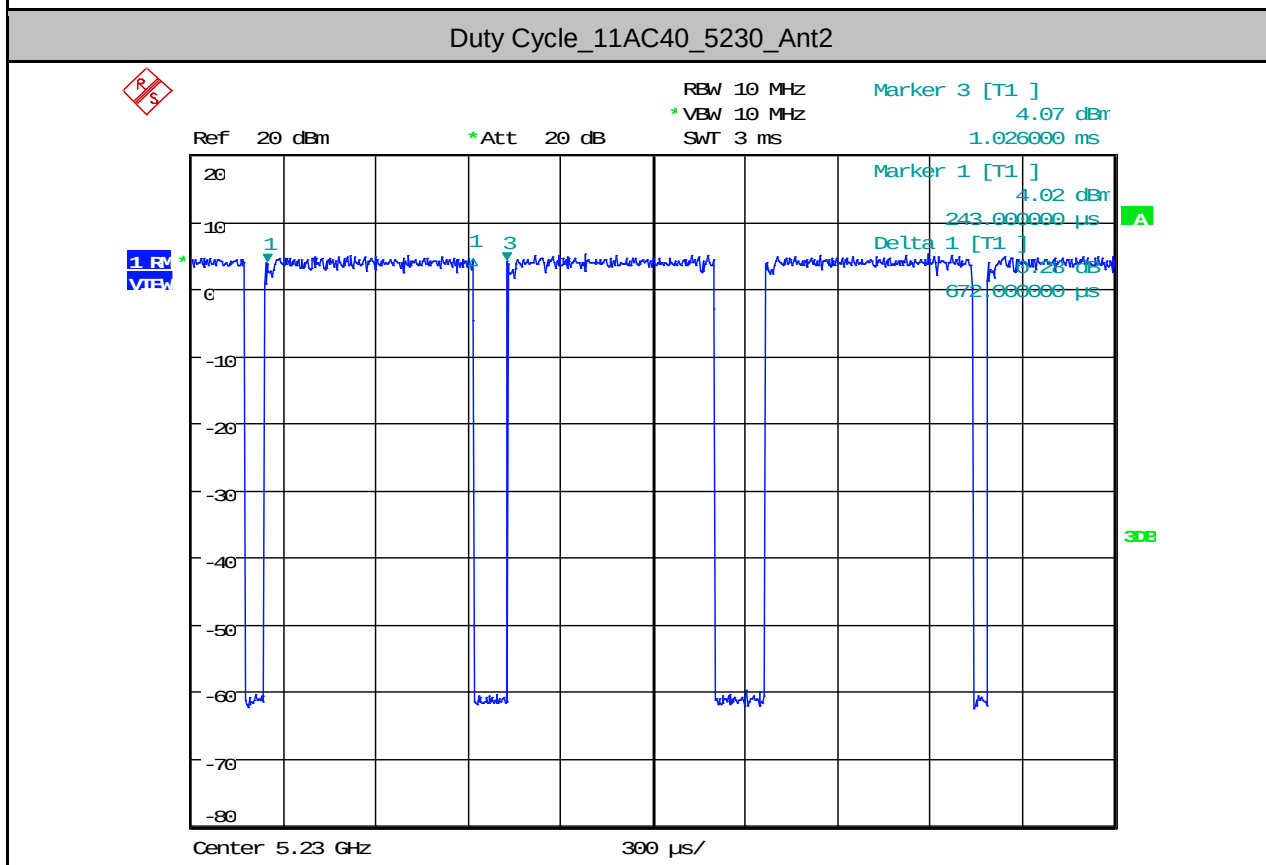
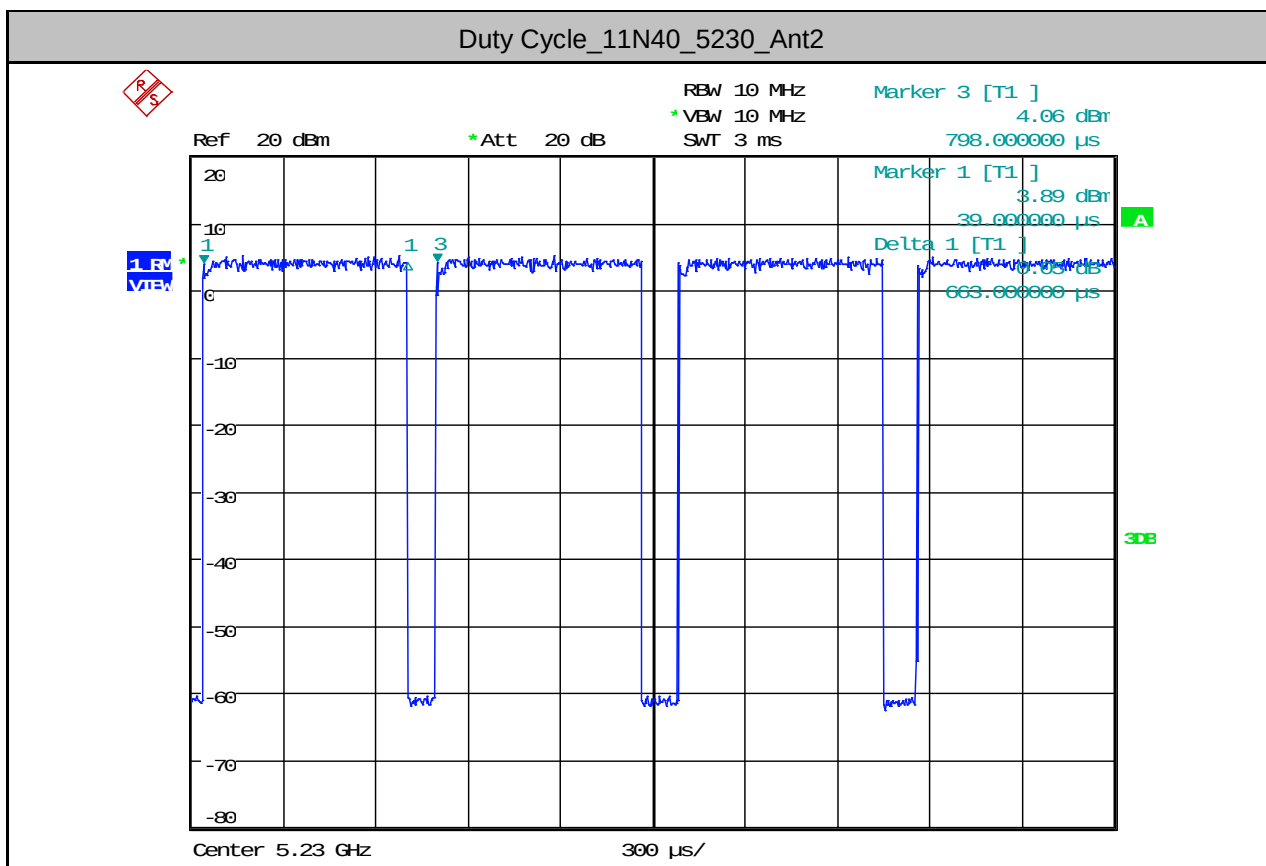


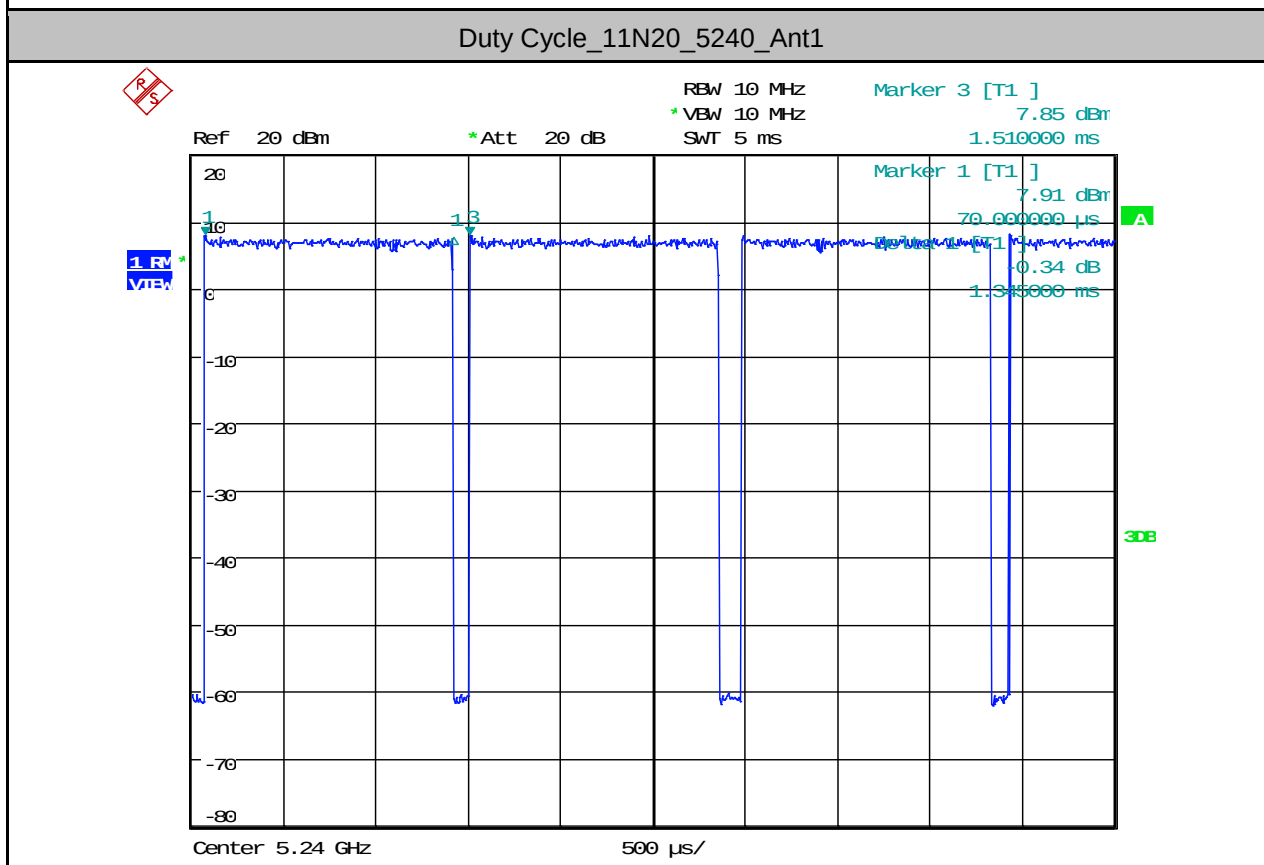
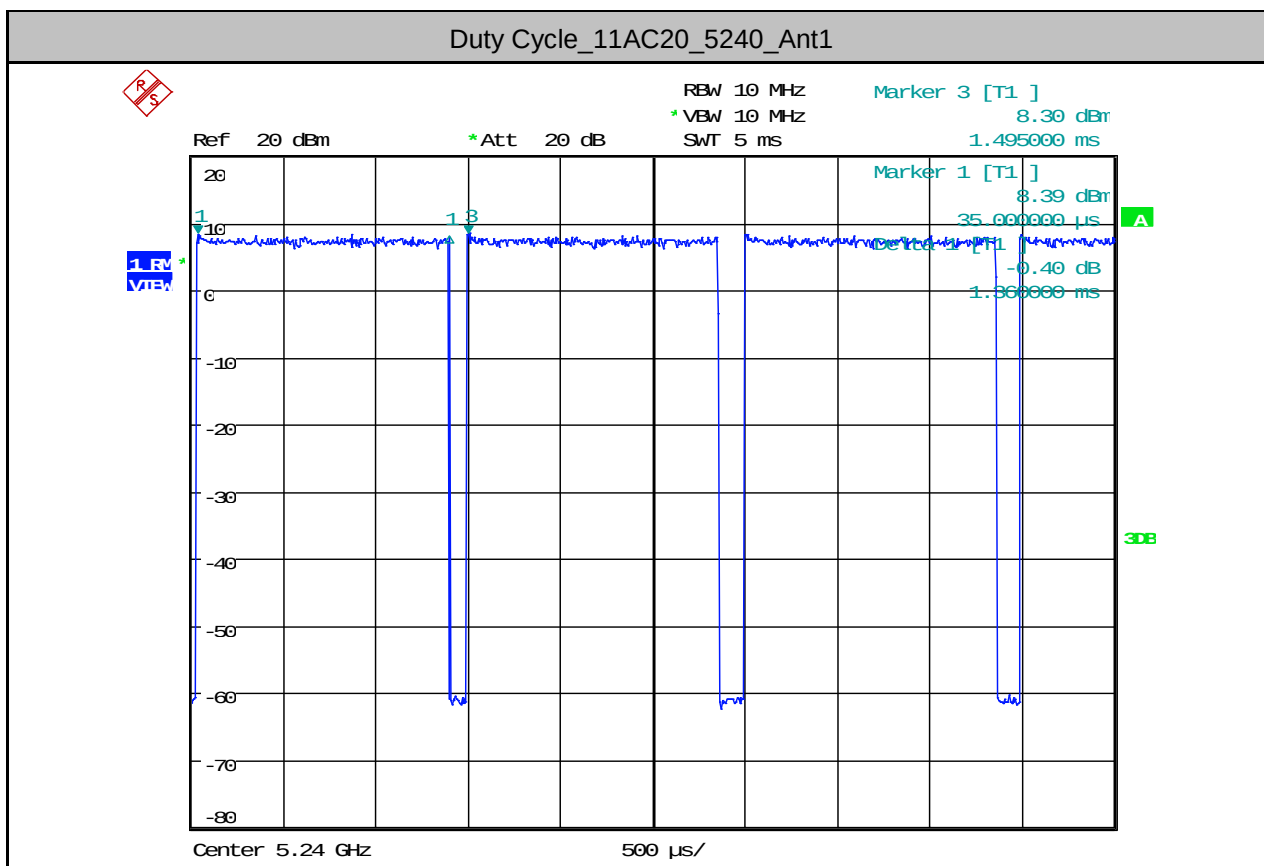


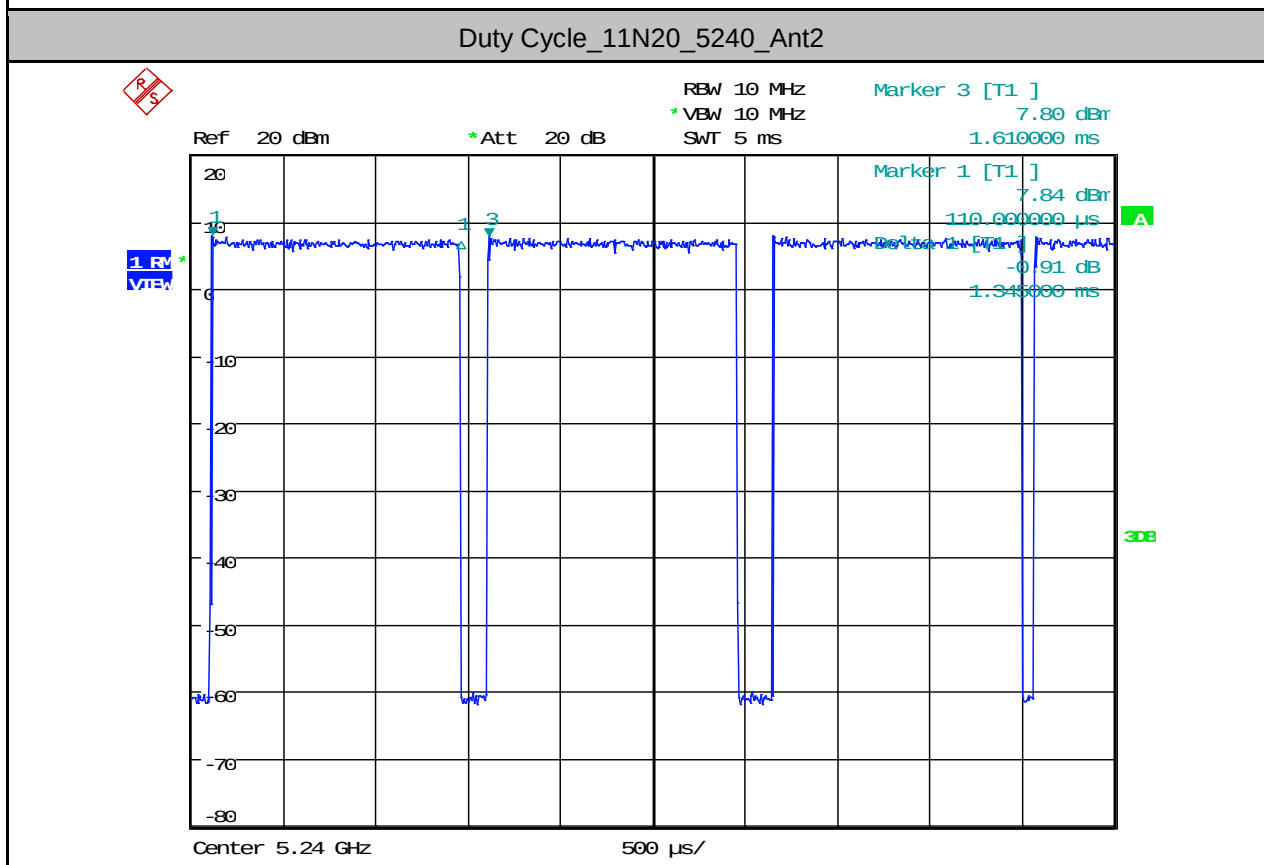
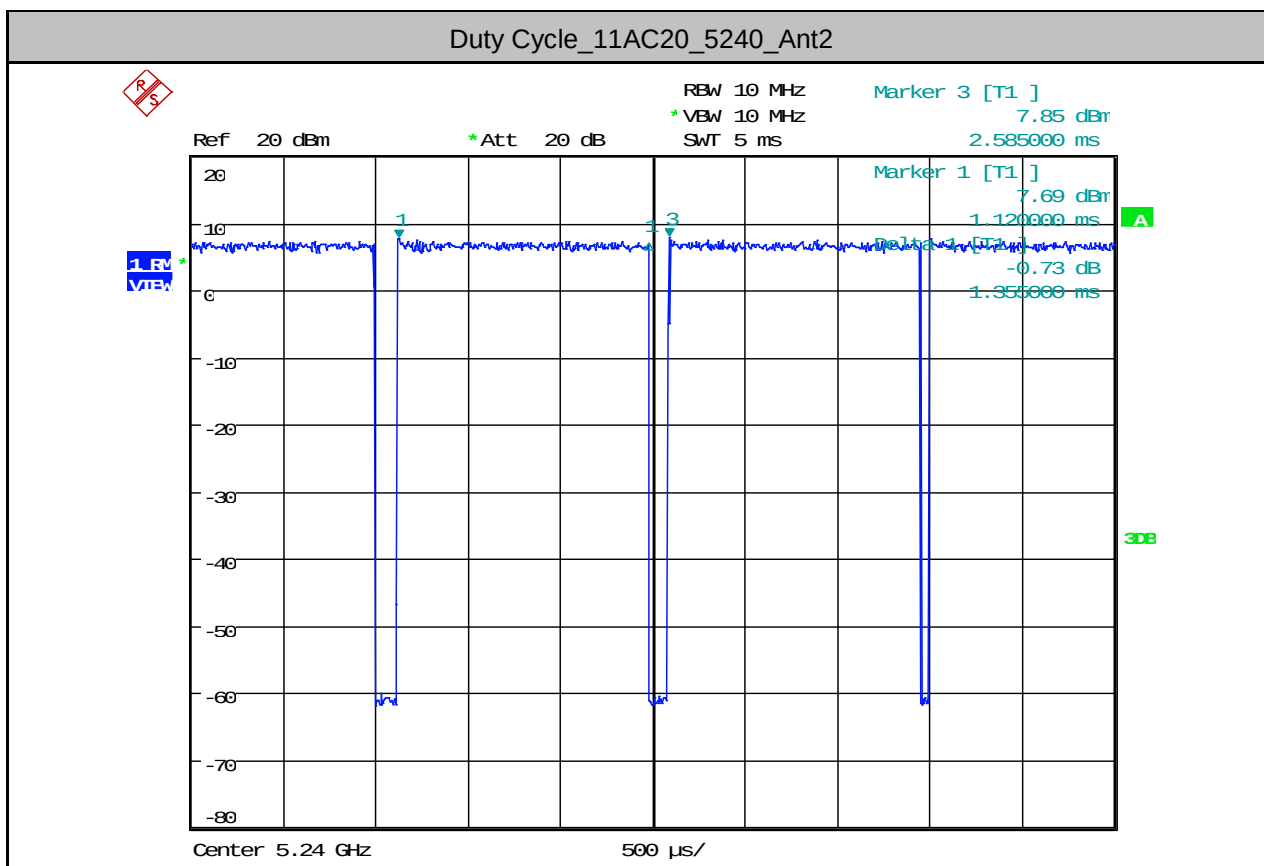


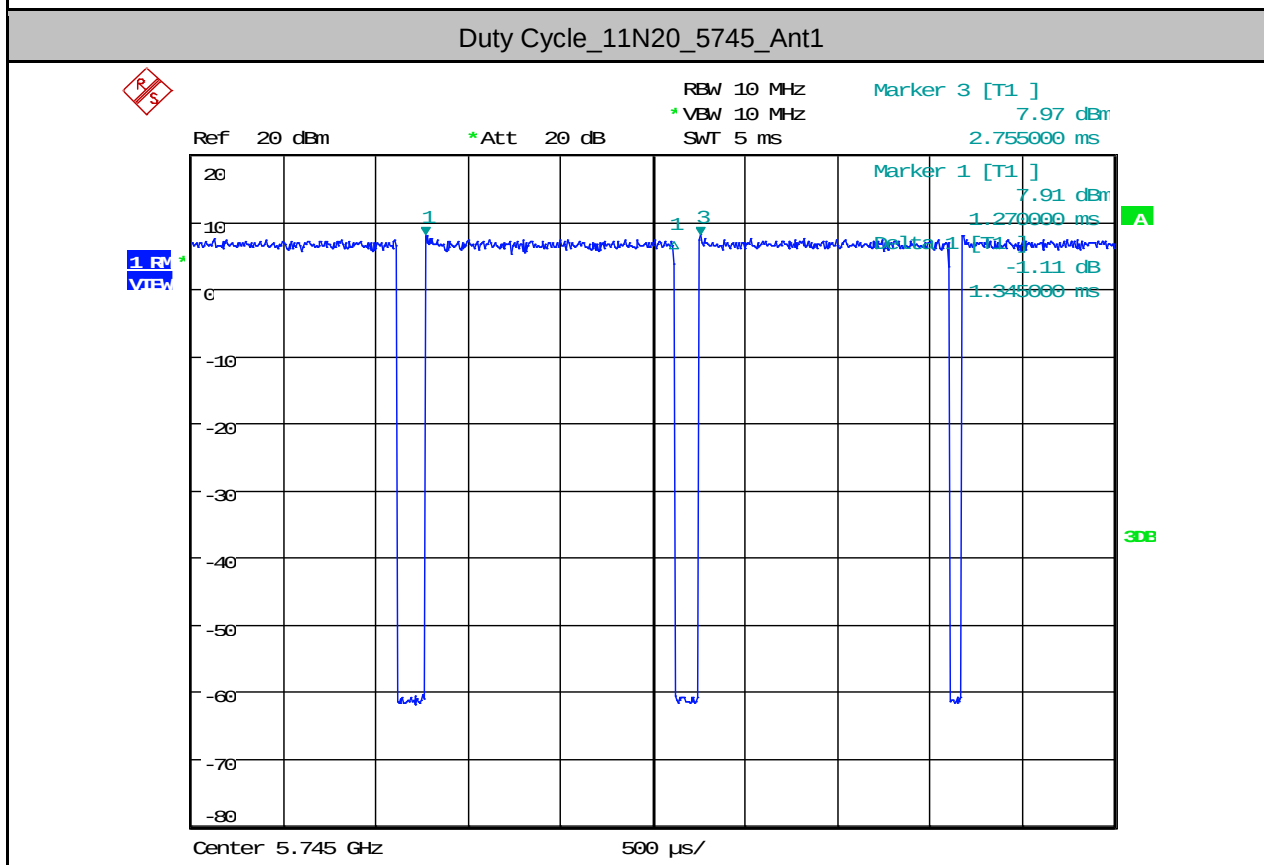
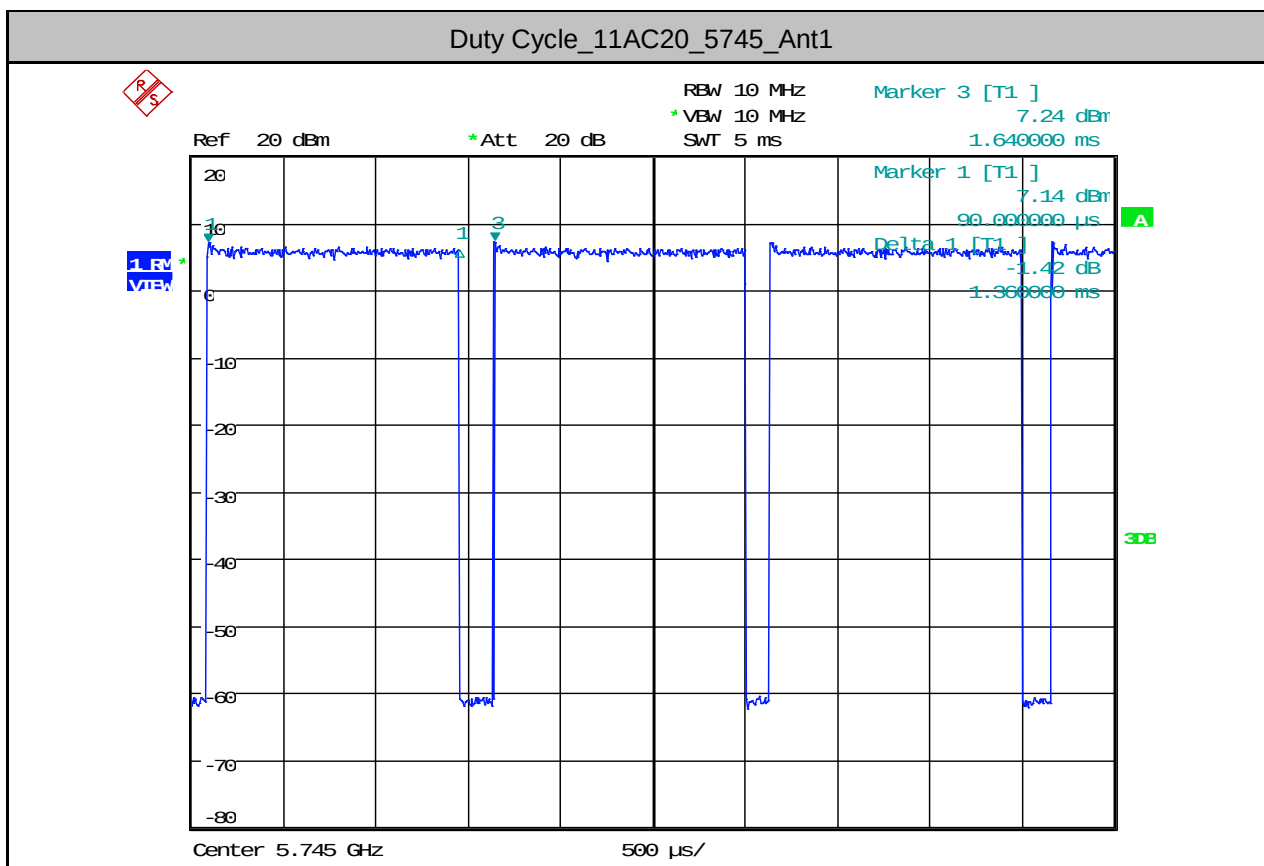


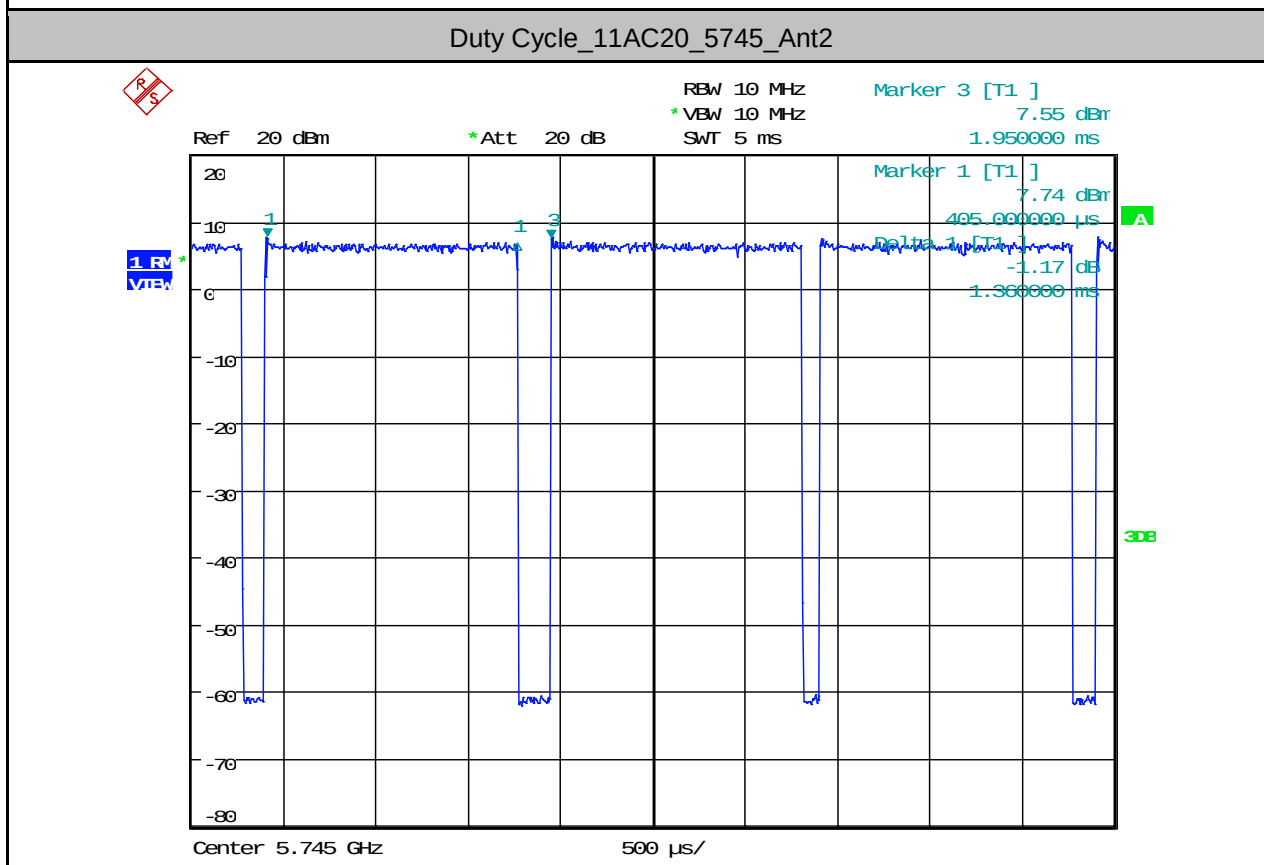
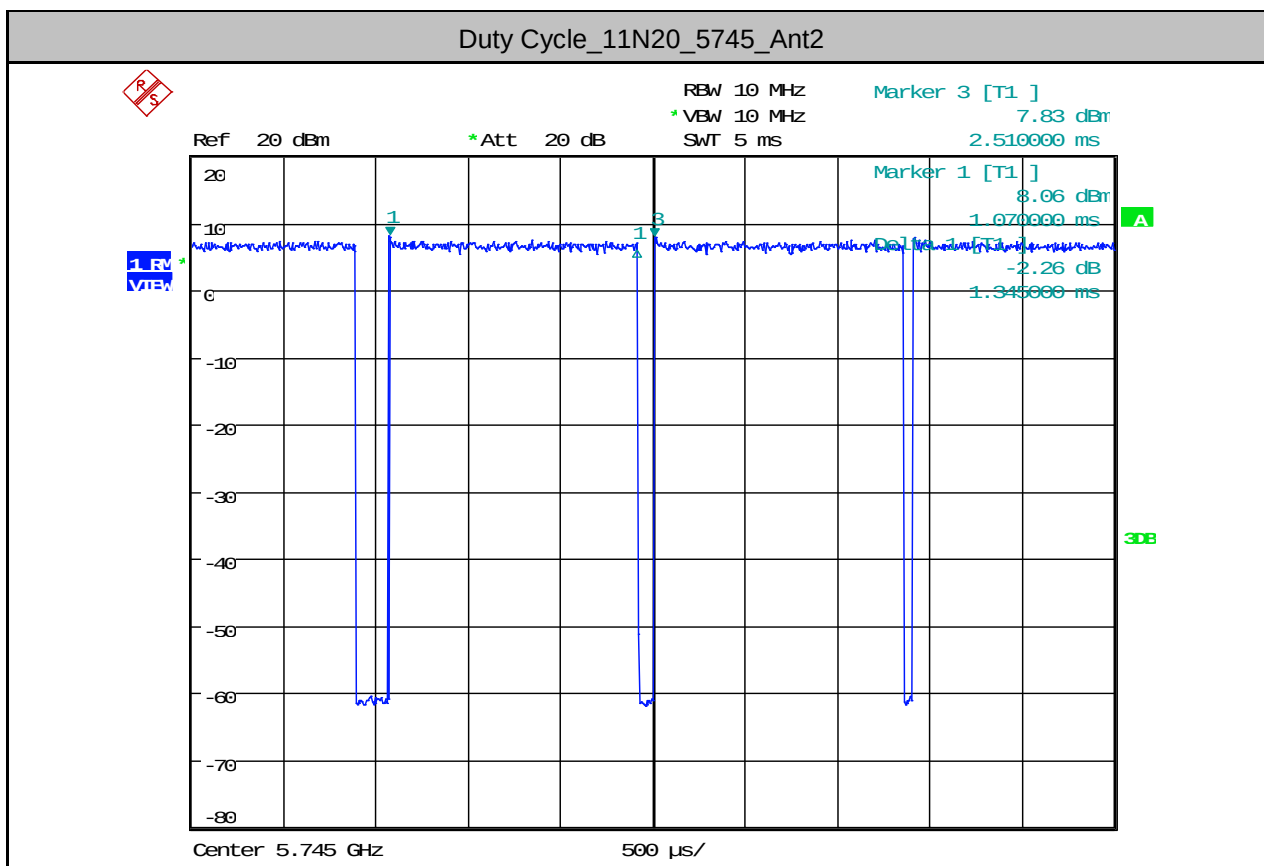


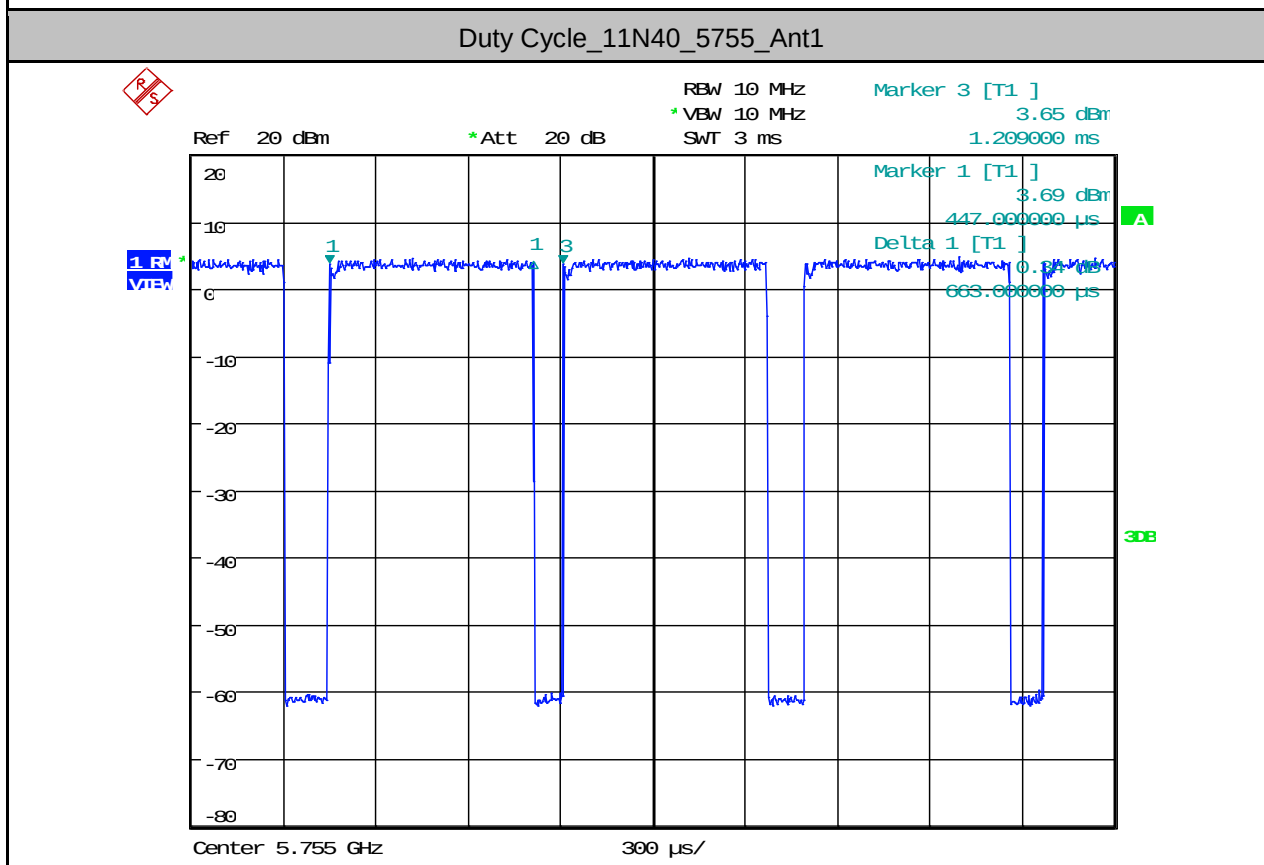
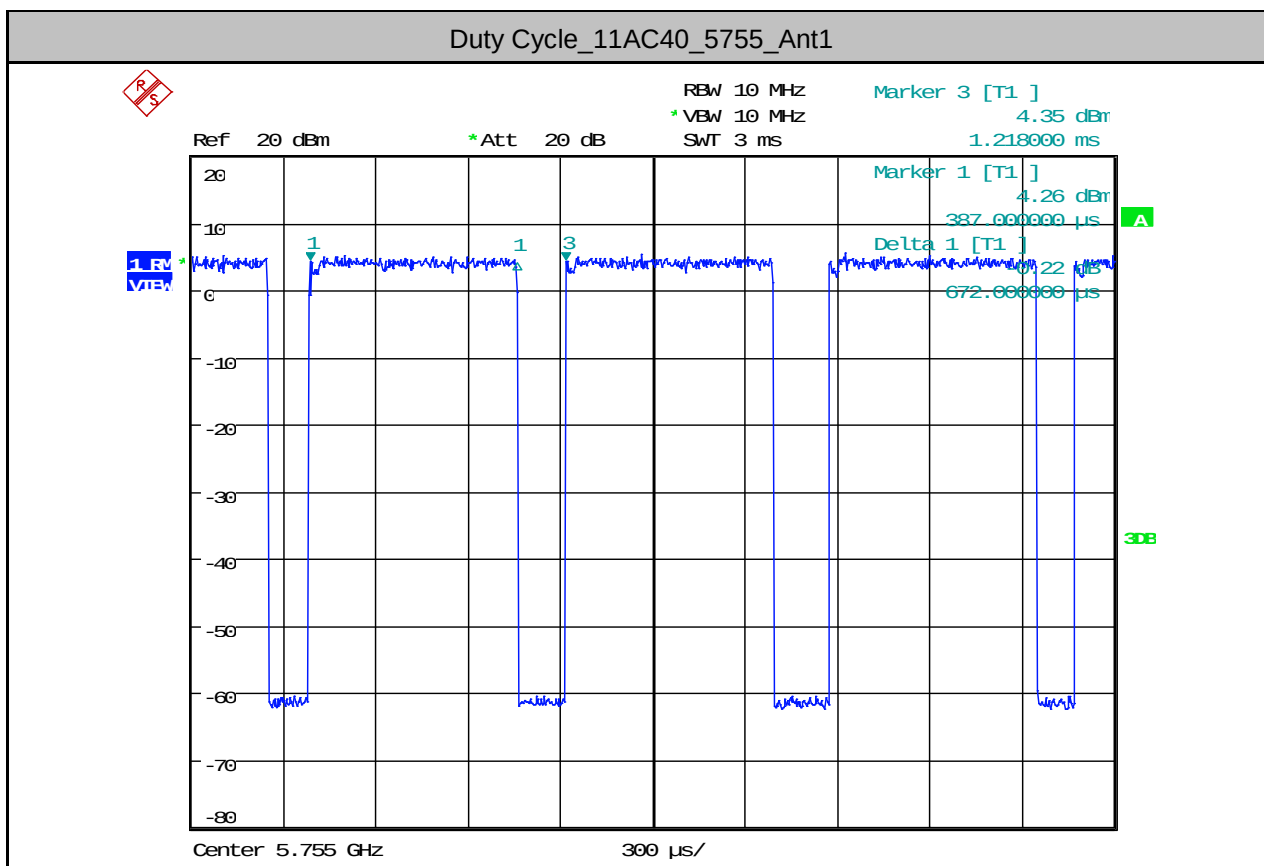


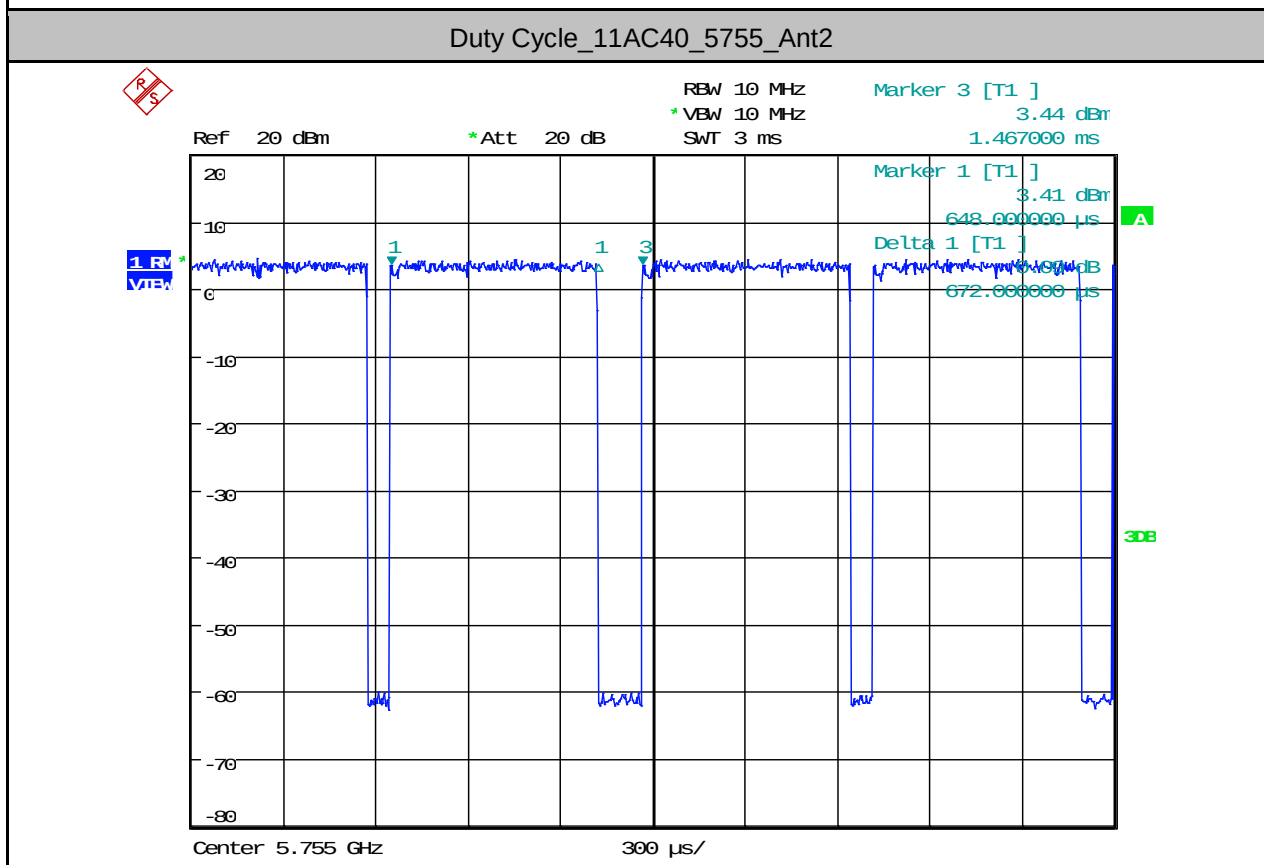
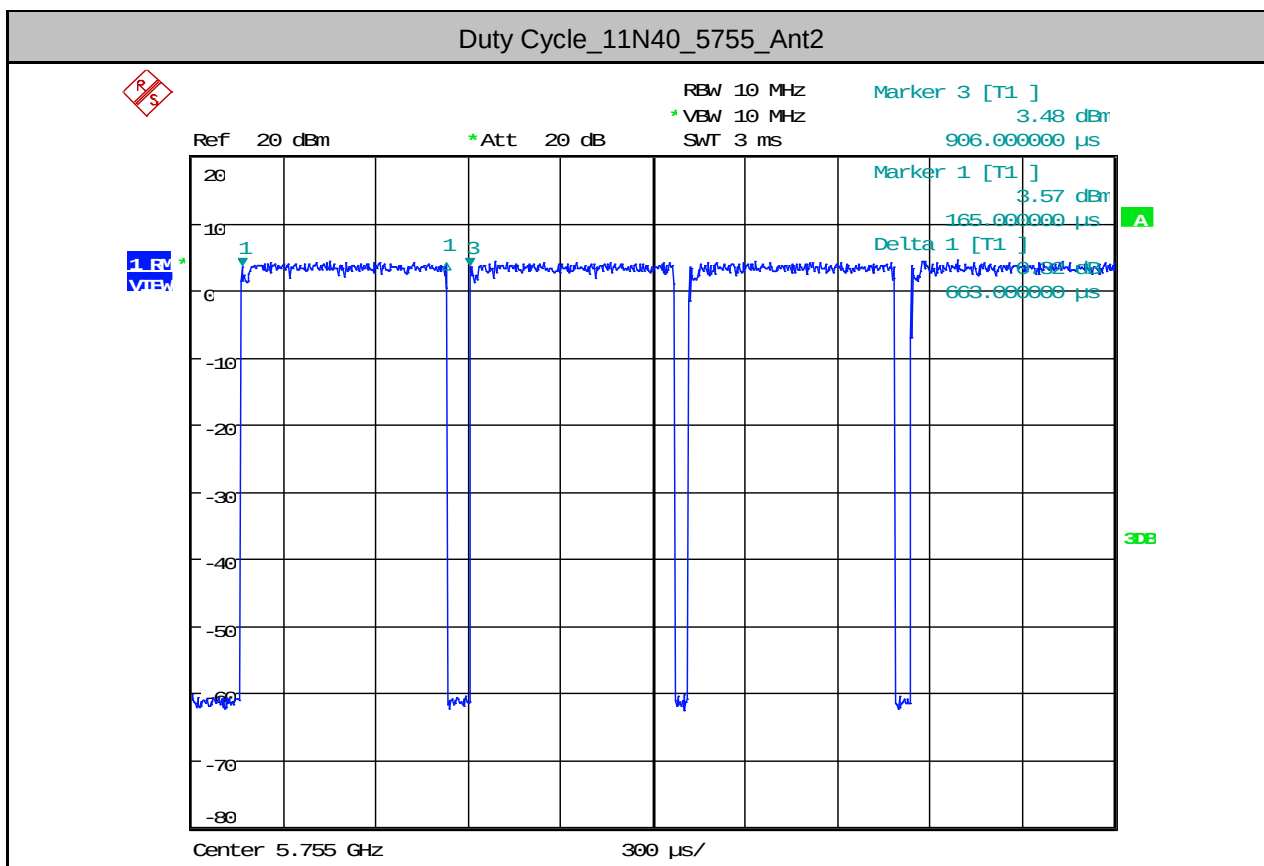


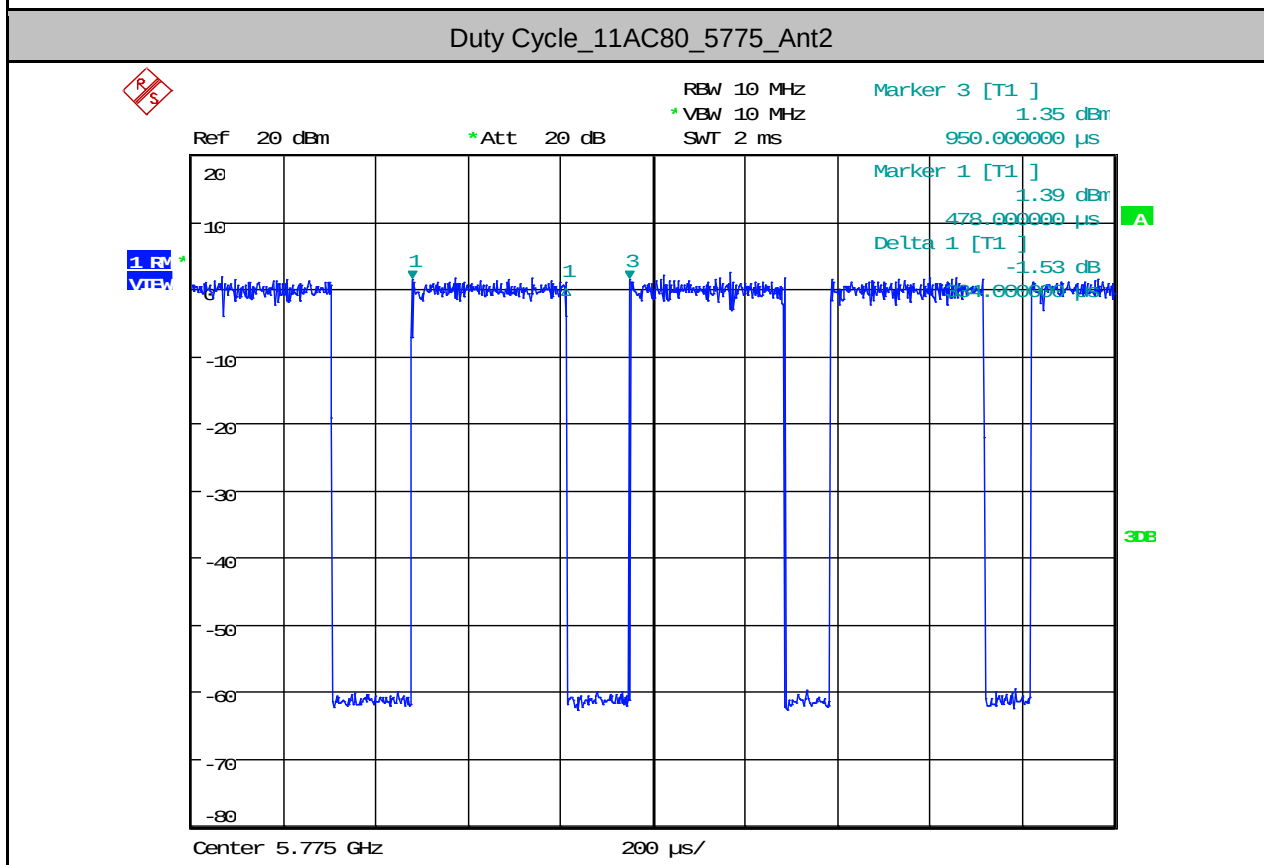
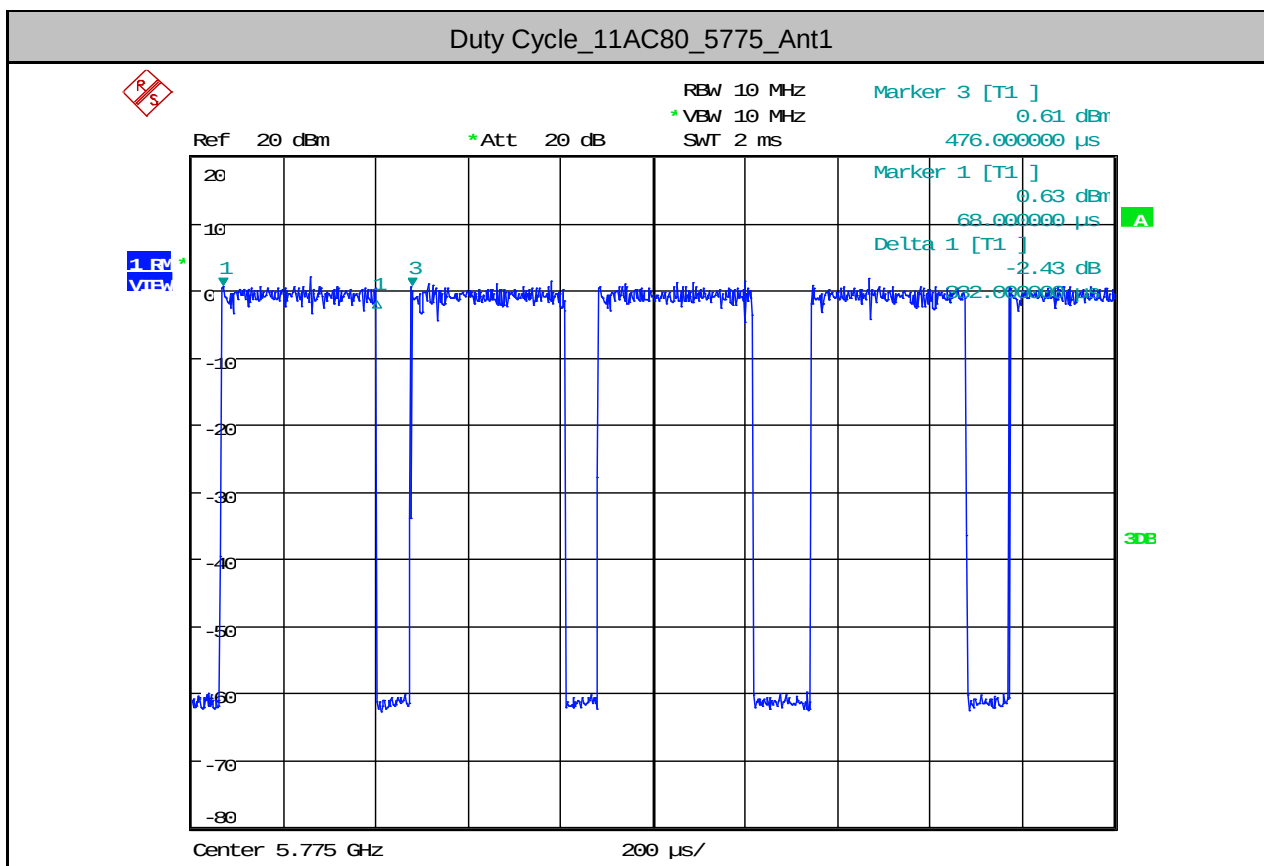


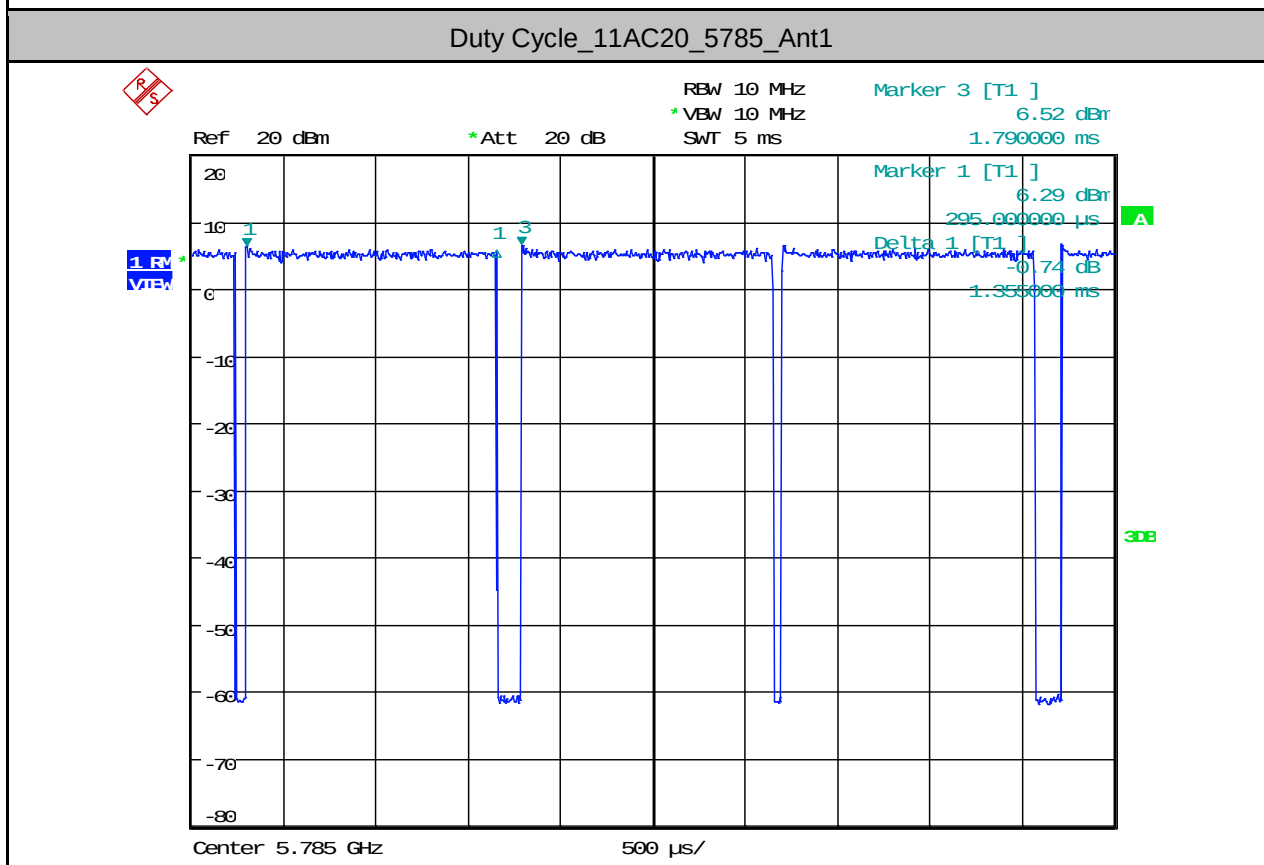
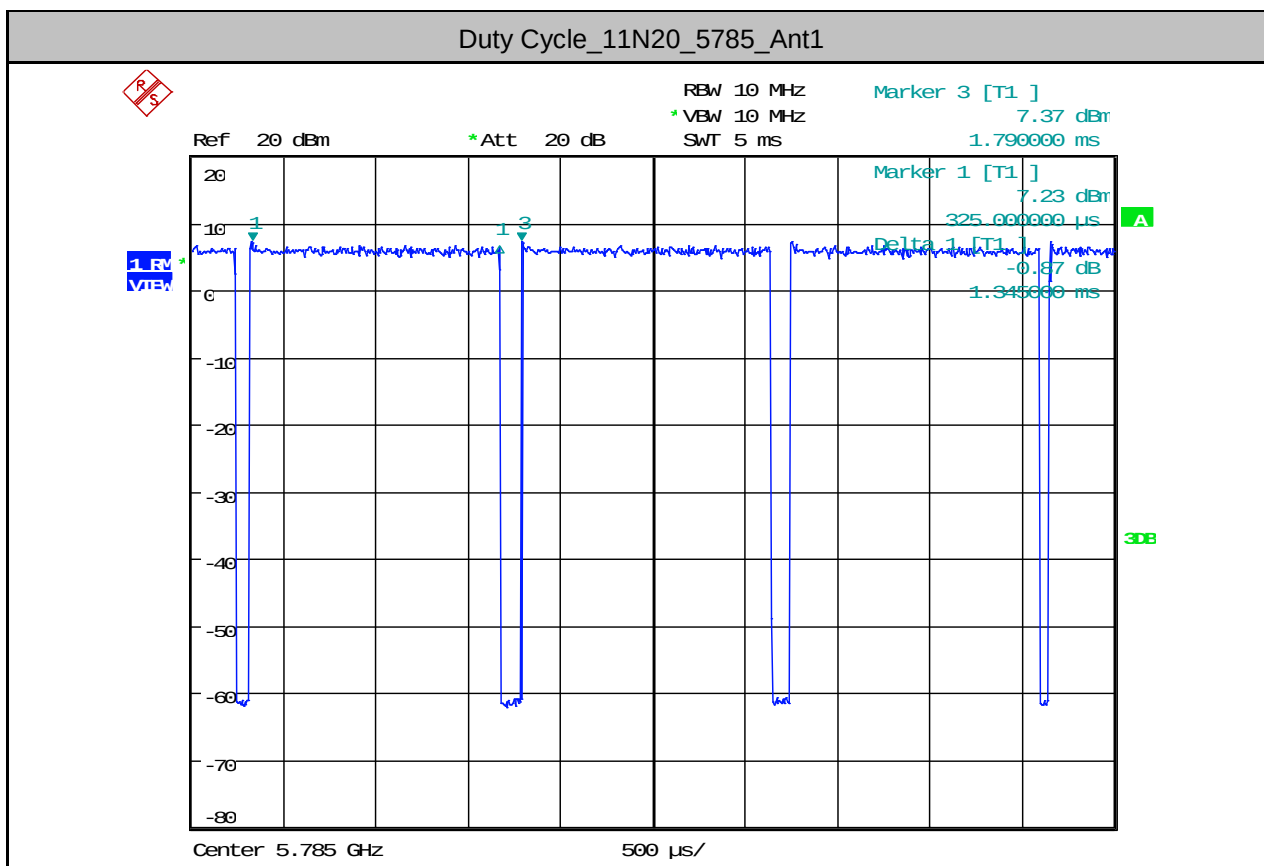


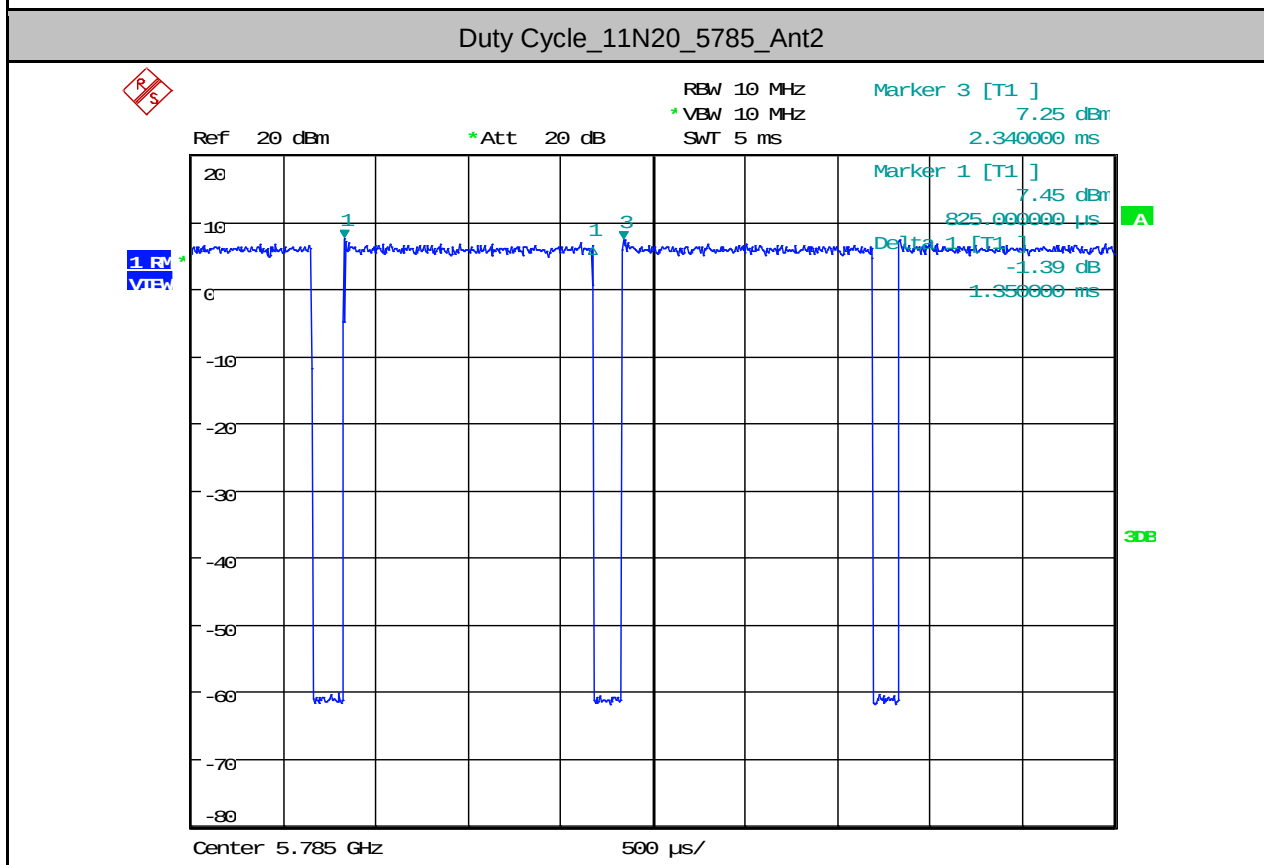
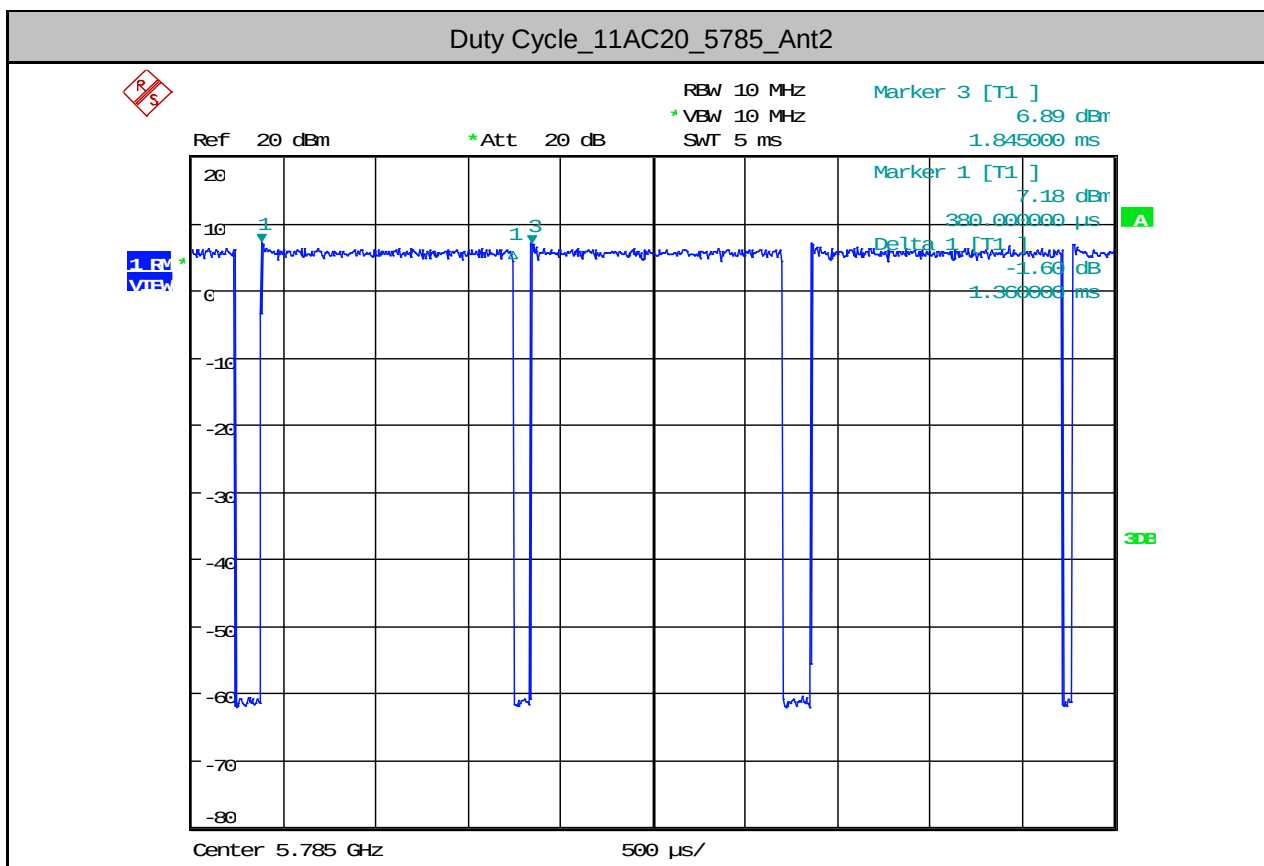


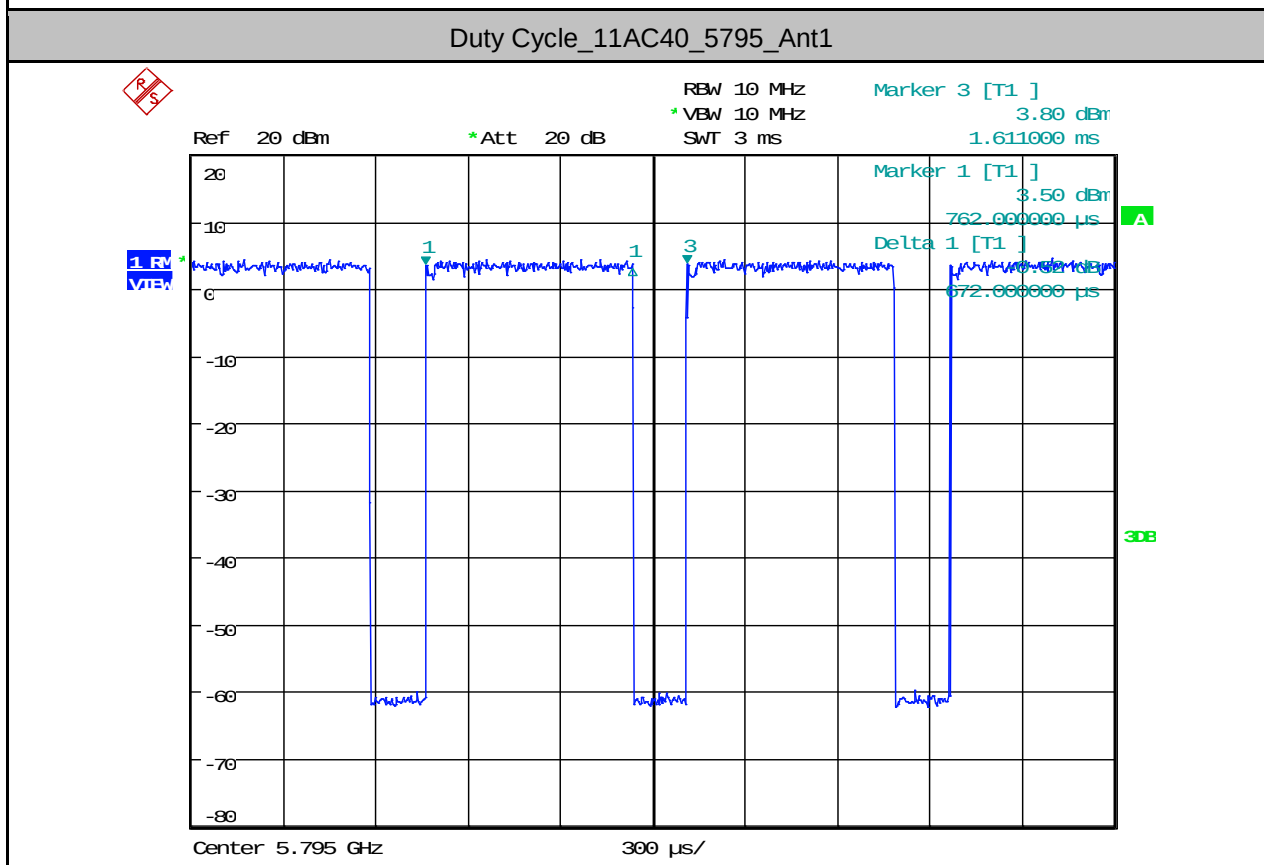
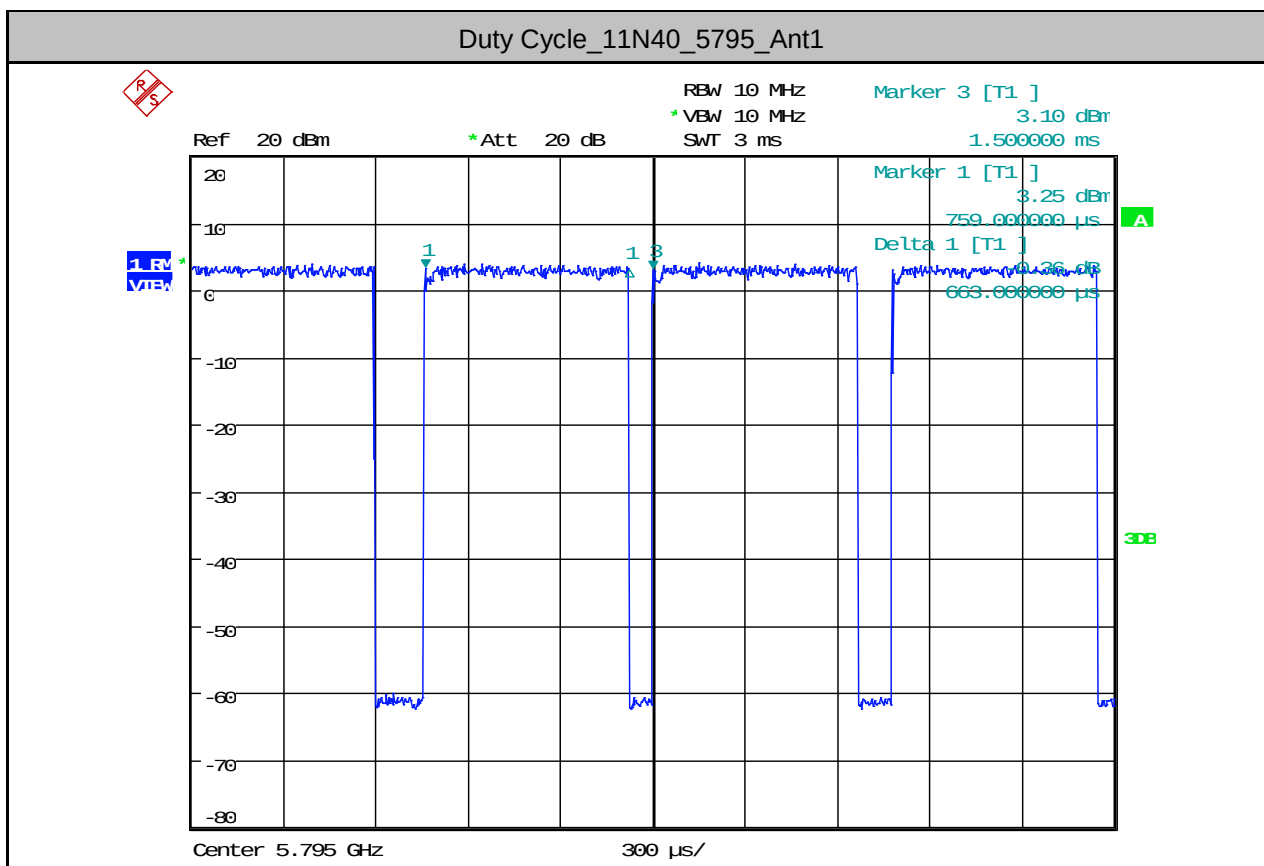


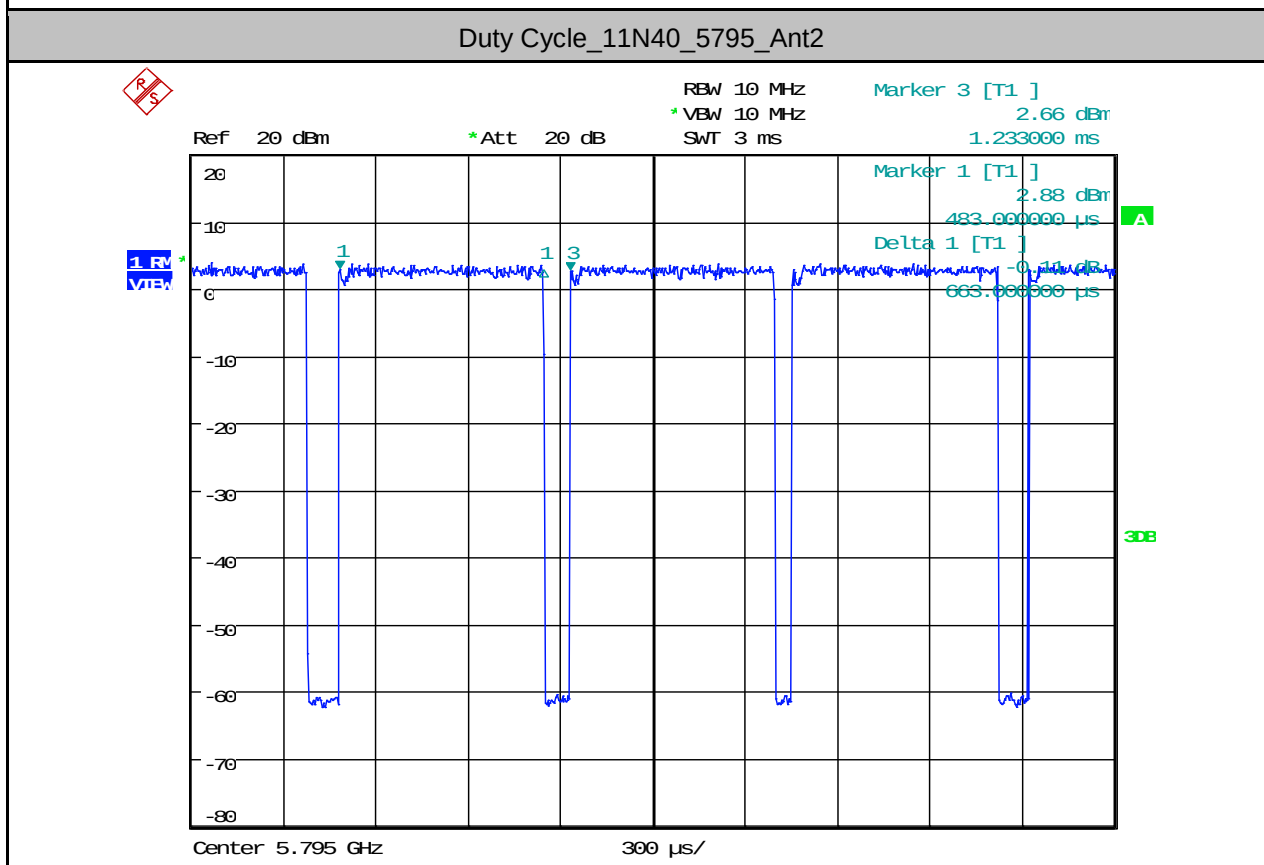
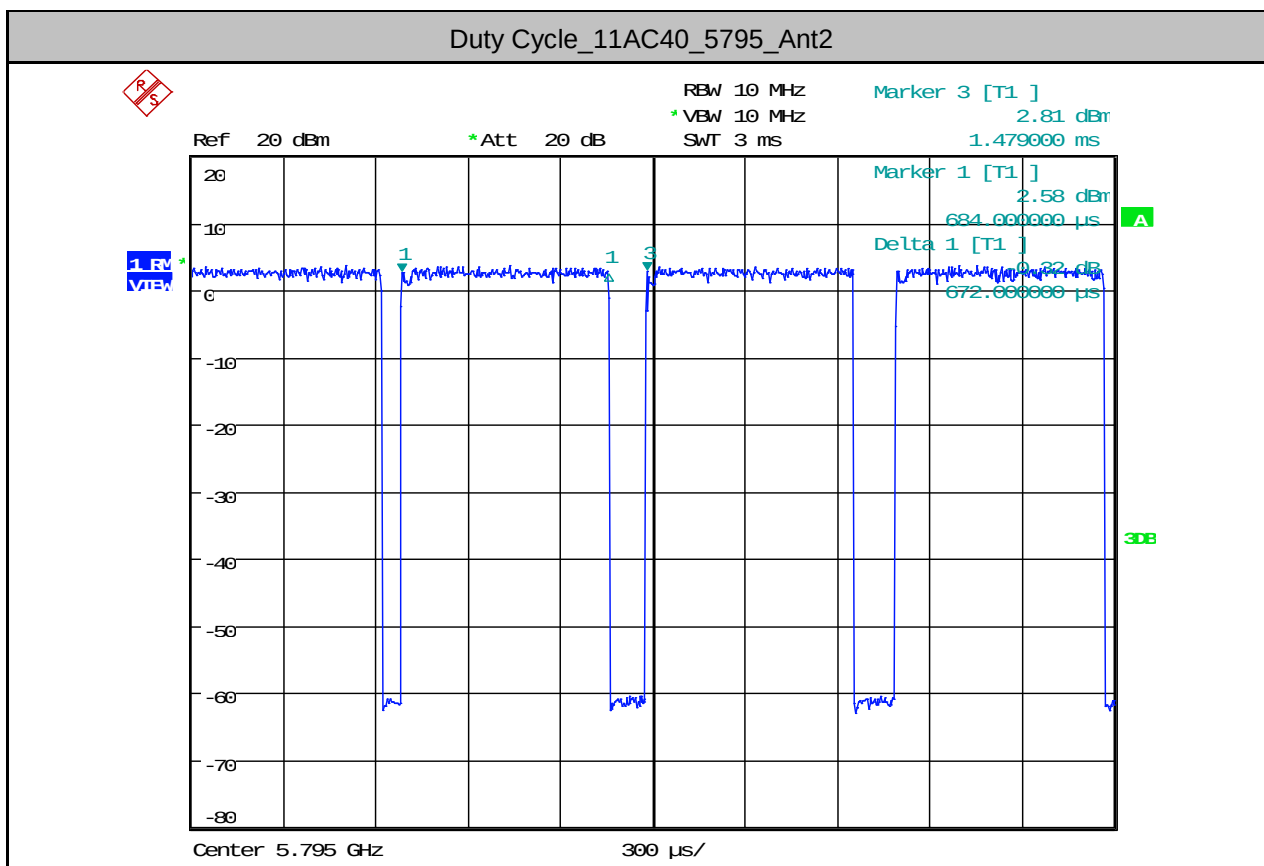


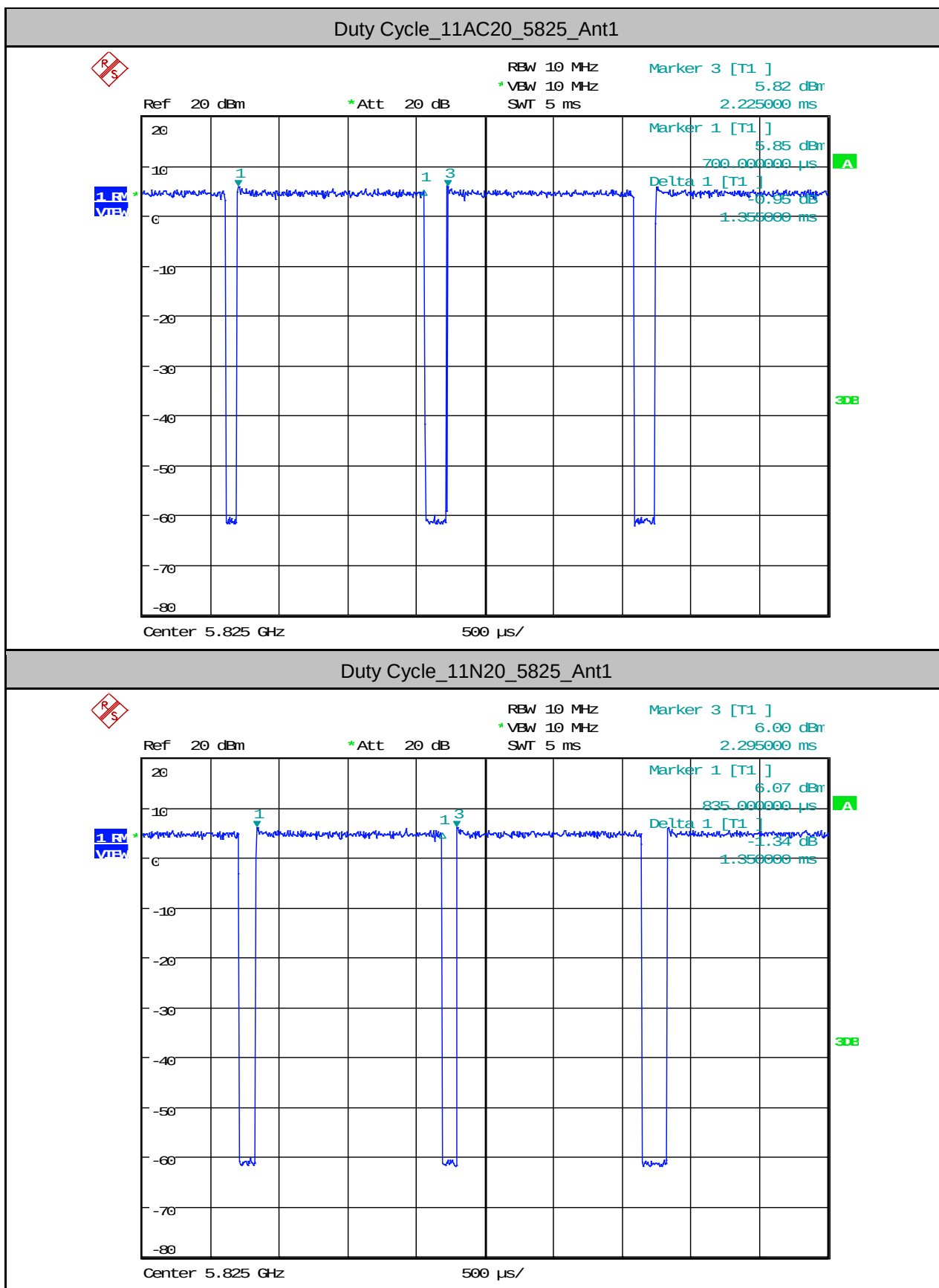


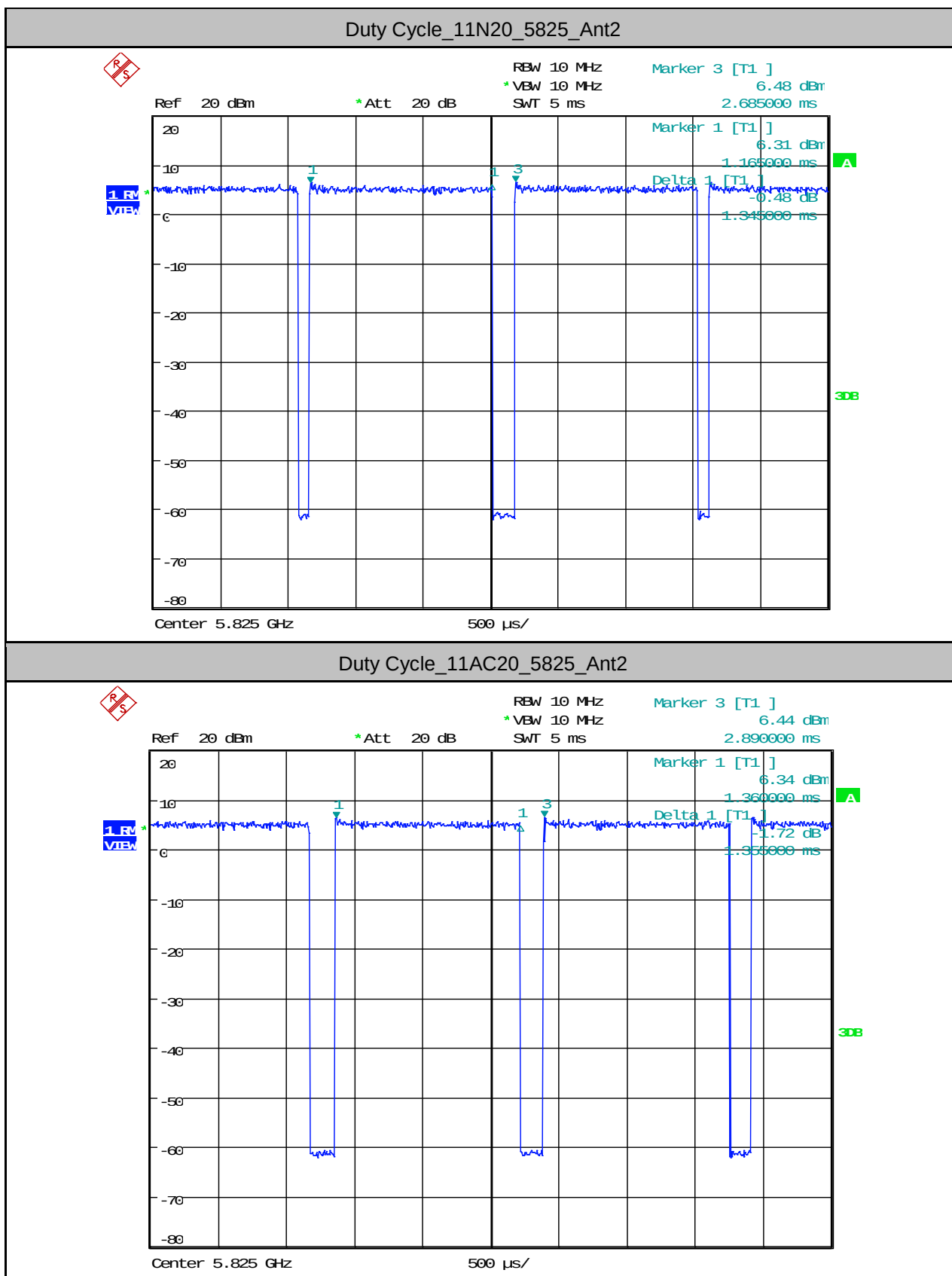












- End of the Report -