

2.Occupied Bandwidth Measurement

Test mode:	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	17.040	---	PASS
11A	5180	Ant2	17.100	---	PASS
11A	5180	Ant3	17.130	---	PASS
11A	5180	Ant4	17.070	---	PASS
11A	5220	Ant1	17.040	---	PASS
11A	5220	Ant2	17.130	---	PASS
11A	5220	Ant3	17.130	---	PASS
11A	5220	Ant4	17.070	---	PASS
11A	5240	Ant1	17.010	---	PASS
11A	5240	Ant2	17.100	---	PASS
11A	5240	Ant3	17.160	---	PASS
11A	5240	Ant4	17.070	---	PASS
11A	5745	Ant1	17.040	---	PASS
11A	5745	Ant2	17.100	---	PASS
11A	5745	Ant3	17.130	---	PASS
11A	5745	Ant4	17.040	---	PASS
11A	5785	Ant1	17.040	---	PASS
11A	5785	Ant2	17.130	---	PASS
11A	5785	Ant3	17.130	---	PASS
11A	5785	Ant4	17.040	---	PASS
11A	5825	Ant1	17.010	---	PASS
11A	5825	Ant2	17.130	---	PASS
11A	5825	Ant3	17.100	---	PASS
11A	5825	Ant4	17.040	---	PASS
11N20	5180	Ant1	18.330	---	PASS
11N20	5180	Ant2	18.330	---	PASS
11N20	5180	Ant3	18.180	---	PASS
11N20	5180	Ant4	18.090	---	PASS
11N20	5220	Ant1	18.360	---	PASS

11N20	5220	Ant2	18.330	---	PASS
11N20	5220	Ant3	18.180	---	PASS
11N20	5220	Ant4	18.090	---	PASS
11N20	5240	Ant1	18.330	---	PASS
11N20	5240	Ant2	18.330	---	PASS
11N20	5240	Ant3	18.150	---	PASS
11N20	5240	Ant4	18.090	---	PASS
11N20	5745	Ant1	18.360	---	PASS
11N20	5745	Ant2	18.360	---	PASS
11N20	5745	Ant3	18.150	---	PASS
11N20	5745	Ant4	18.060	---	PASS
11N20	5785	Ant1	18.360	---	PASS
11N20	5785	Ant2	18.360	---	PASS
11N20	5785	Ant3	18.120	---	PASS
11N20	5785	Ant4	18.090	---	PASS
11N20	5825	Ant1	18.360	---	PASS
11N20	5825	Ant2	18.330	---	PASS
11N20	5825	Ant3	18.150	---	PASS
11N20	5825	Ant4	18.090	---	PASS
11N40	5190	Ant1	36.660	---	PASS
11N40	5190	Ant2	36.480	---	PASS
11N40	5190	Ant3	36.540	---	PASS
11N40	5190	Ant4	36.420	---	PASS
11N40	5230	Ant1	36.660	---	PASS
11N40	5230	Ant2	36.480	---	PASS
11N40	5230	Ant3	36.540	---	PASS
11N40	5230	Ant4	36.420	---	PASS
11N40	5755	Ant1	36.660	---	PASS
11N40	5755	Ant2	36.480	---	PASS
11N40	5755	Ant3	36.540	---	PASS
11N40	5755	Ant4	36.420	---	PASS
11N40	5795	Ant1	36.720	---	PASS



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11N40	5795	Ant2	36.480	---	PASS
11N40	5795	Ant3	36.540	---	PASS
11N40	5795	Ant4	36.420	---	PASS
11AC20	5180	Ant1	18.330	---	PASS
11AC20	5180	Ant2	18.330	---	PASS
11AC20	5180	Ant3	18.240	---	PASS
11AC20	5180	Ant4	18.060	---	PASS
11AC20	5220	Ant1	18.360	---	PASS
11AC20	5220	Ant2	18.360	---	PASS
11AC20	5220	Ant3	18.270	---	PASS
11AC20	5220	Ant4	18.090	---	PASS
11AC20	5240	Ant1	18.360	---	PASS
11AC20	5240	Ant2	18.360	---	PASS
11AC20	5240	Ant3	18.240	---	PASS
11AC20	5240	Ant4	18.090	---	PASS
11AC20	5745	Ant1	18.390	---	PASS
11AC20	5745	Ant2	18.390	---	PASS
11AC20	5745	Ant3	18.240	---	PASS
11AC20	5745	Ant4	18.060	---	PASS
11AC20	5785	Ant1	18.390	---	PASS
11AC20	5785	Ant2	18.360	---	PASS
11AC20	5785	Ant3	18.240	---	PASS
11AC20	5785	Ant4	18.060	---	PASS
11AC20	5825	Ant1	18.390	---	PASS
11AC20	5825	Ant2	18.390	---	PASS
11AC20	5825	Ant3	18.240	---	PASS
11AC20	5825	Ant4	18.060	---	PASS
11AC80	5210	Ant1	75.480	---	PASS
11AC80	5210	Ant2	75.120	---	PASS
11AC80	5210	Ant3	75.360	---	PASS
11AC80	5210	Ant4	75.480	---	PASS
11AC80	5775	Ant1	75.600	---	PASS



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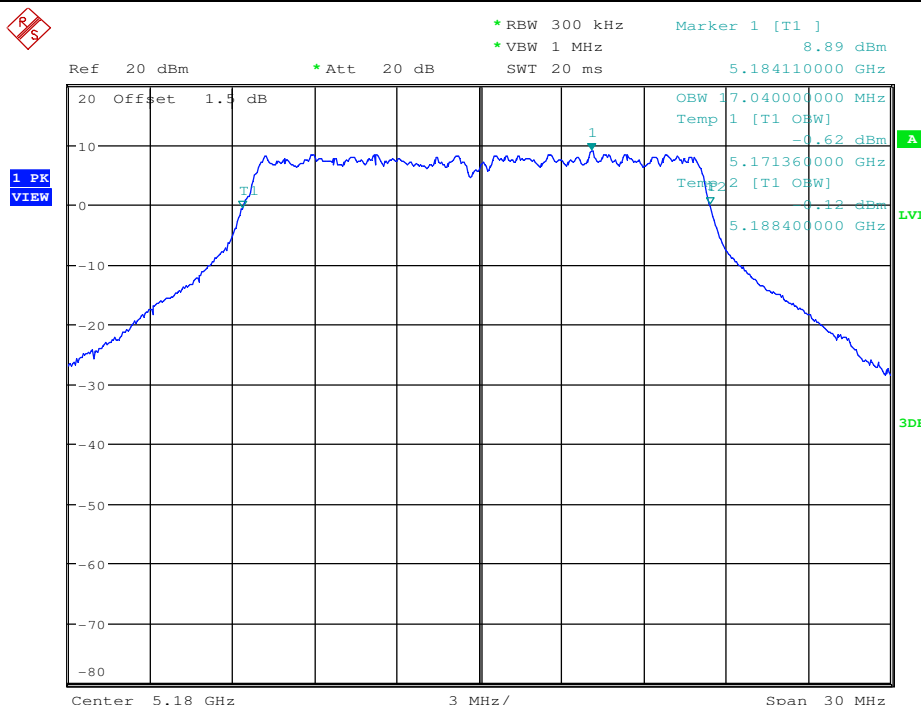
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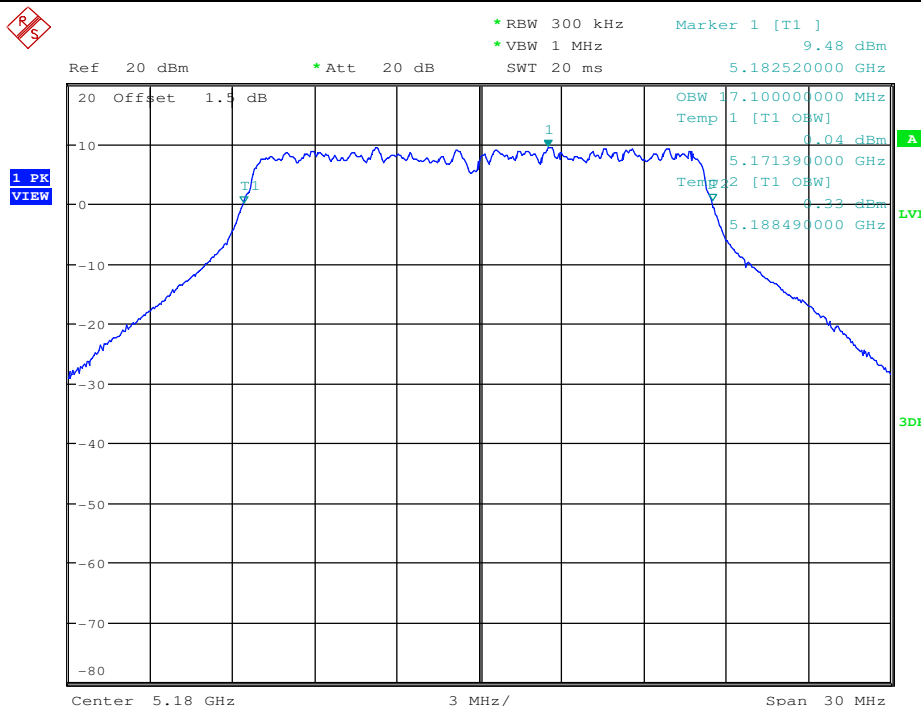
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11AC80	5775	Ant2	75.240	---	PASS
11AC80	5775	Ant3	75.480	---	PASS
11AC80	5775	Ant4	75.600	---	PASS
11AC40	5190	Ant1	36.720	---	PASS
11AC40	5190	Ant2	36.480	---	PASS
11AC40	5190	Ant3	36.600	---	PASS
11AC40	5190	Ant4	36.420	---	PASS
11AC40	5230	Ant1	36.780	---	PASS
11AC40	5230	Ant2	36.480	---	PASS
11AC40	5230	Ant3	36.600	---	PASS
11AC40	5230	Ant4	36.420	---	PASS
11AC40	5755	Ant1	36.780	---	PASS
11AC40	5755	Ant2	36.480	---	PASS
11AC40	5755	Ant3	36.540	---	PASS
11AC40	5755	Ant4	36.420	---	PASS
11AC40	5795	Ant1	36.780	---	PASS
11AC40	5795	Ant2	36.480	---	PASS
11AC40	5795	Ant3	36.600	---	PASS
11AC40	5795	Ant4	36.420	---	PASS

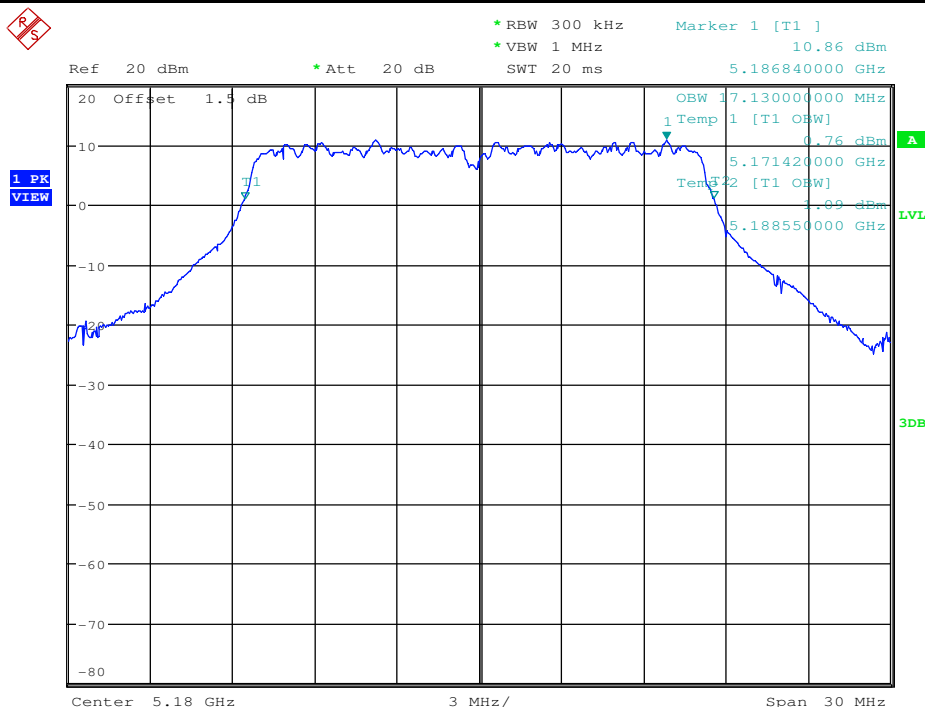
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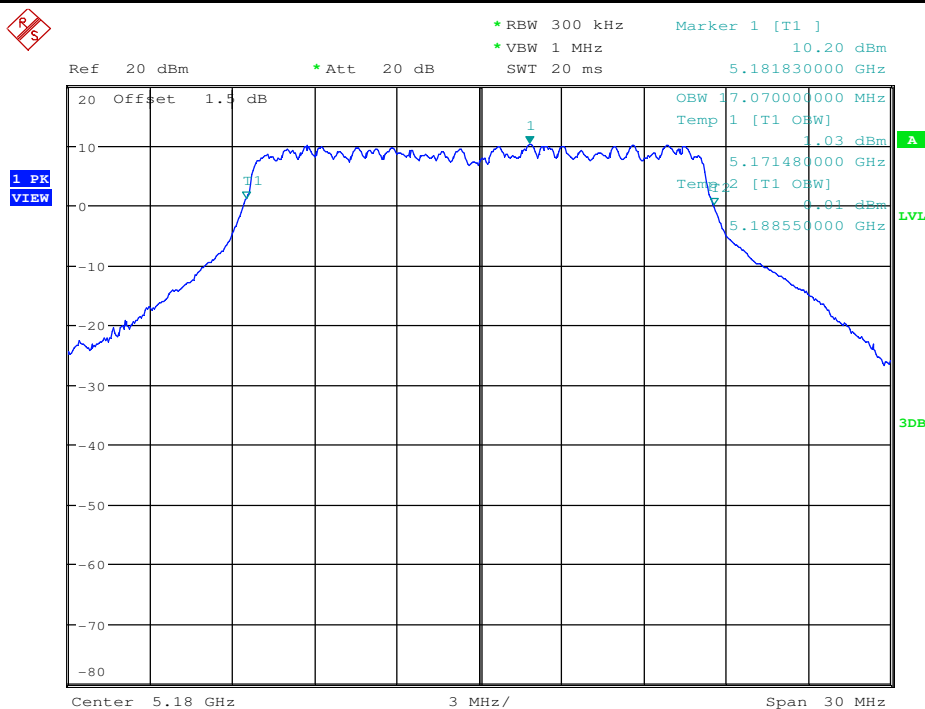
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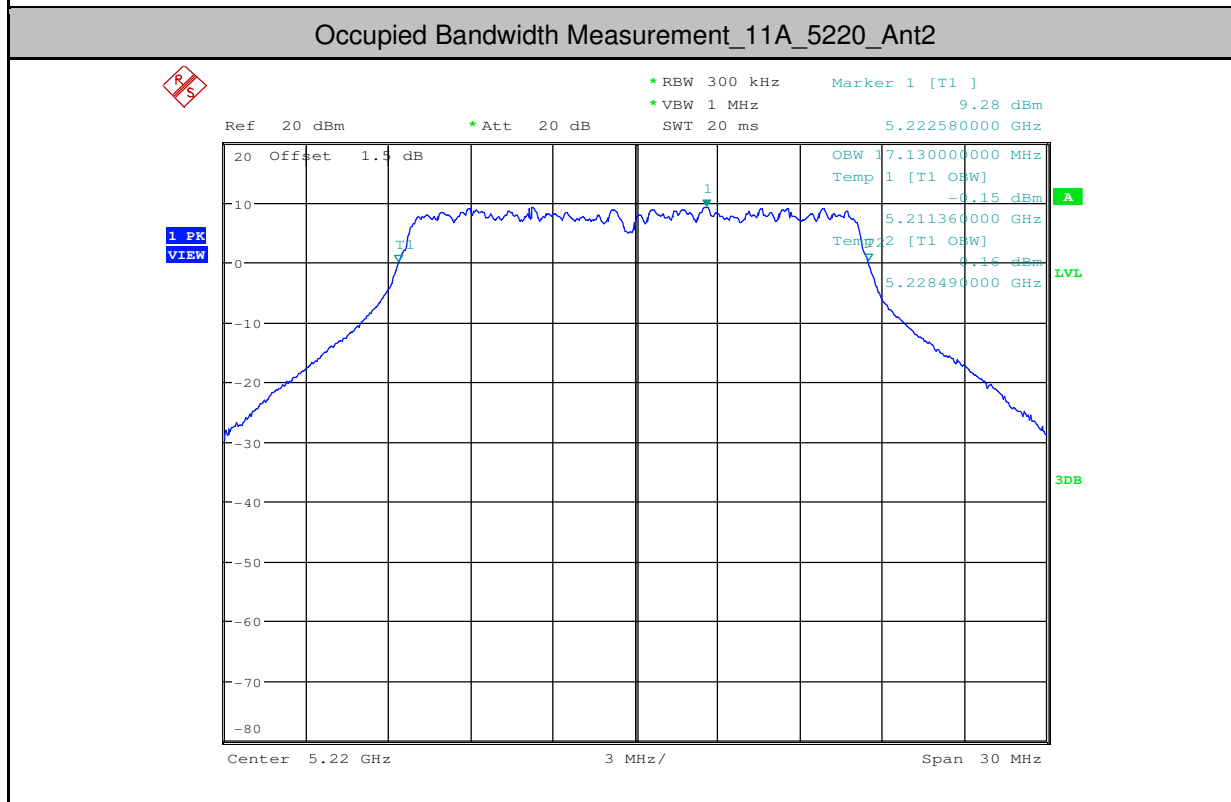
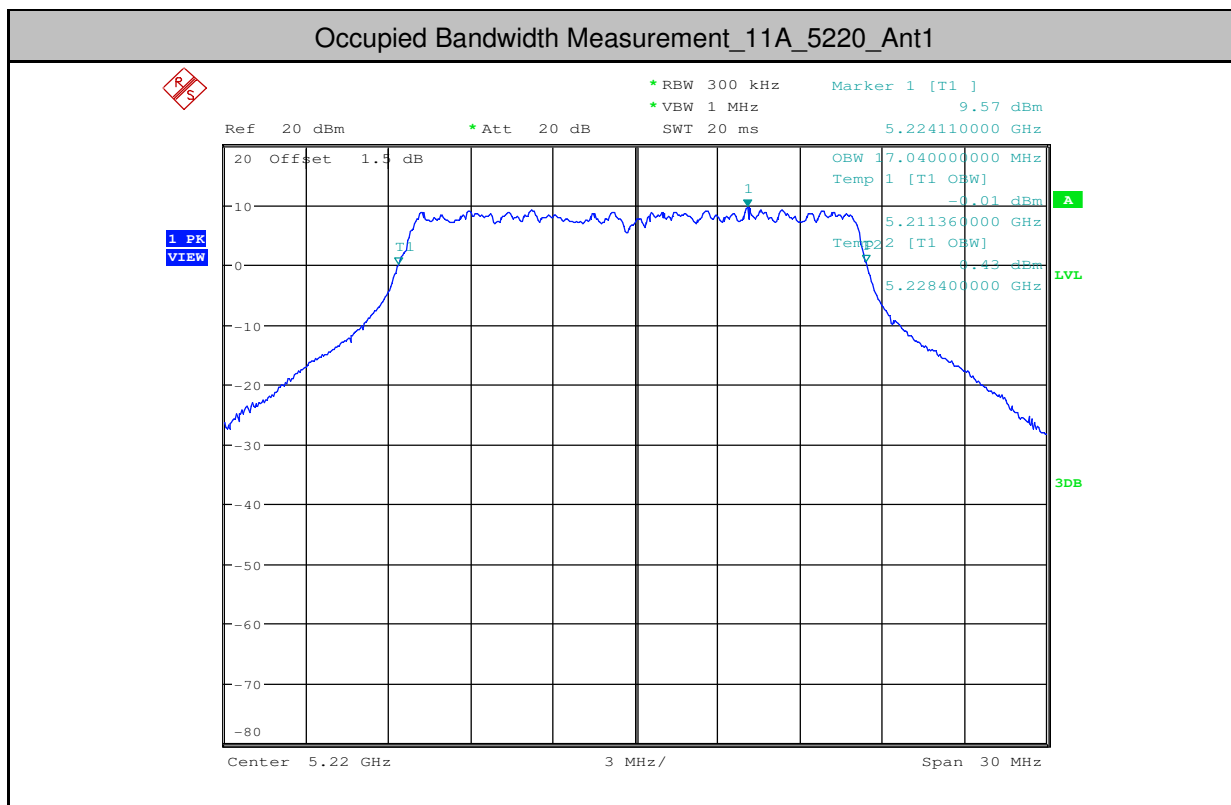


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Occupied Bandwidth Measurement_11A_5180_Ant4

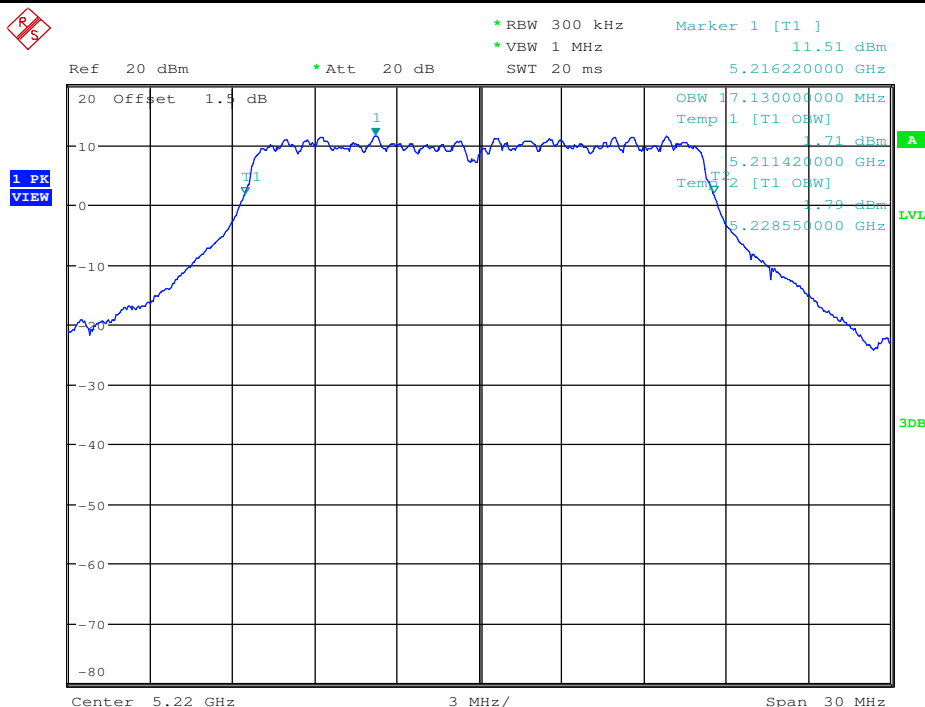




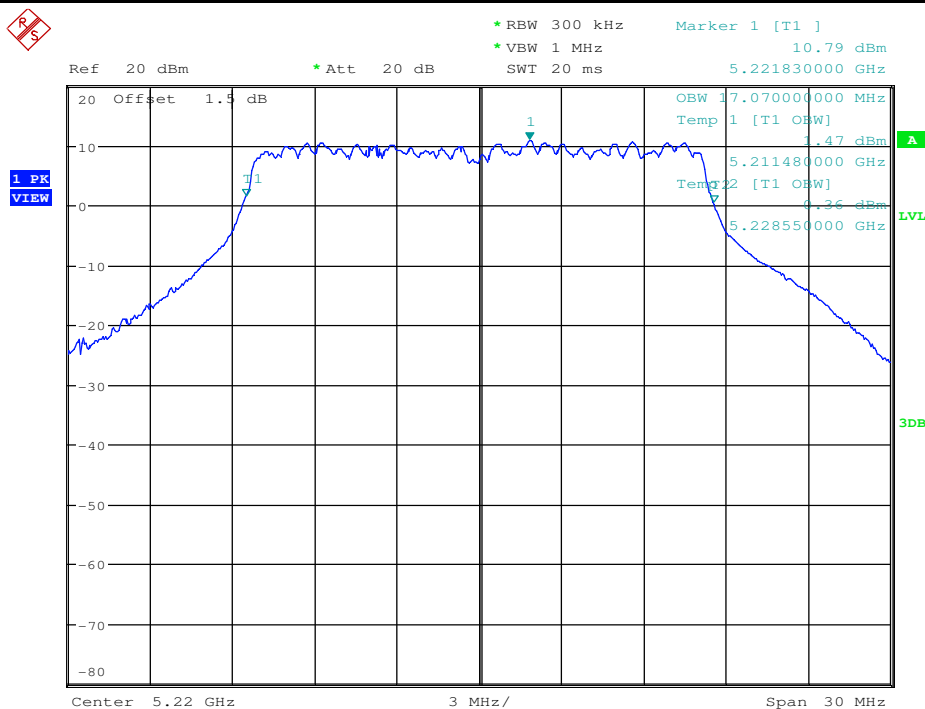
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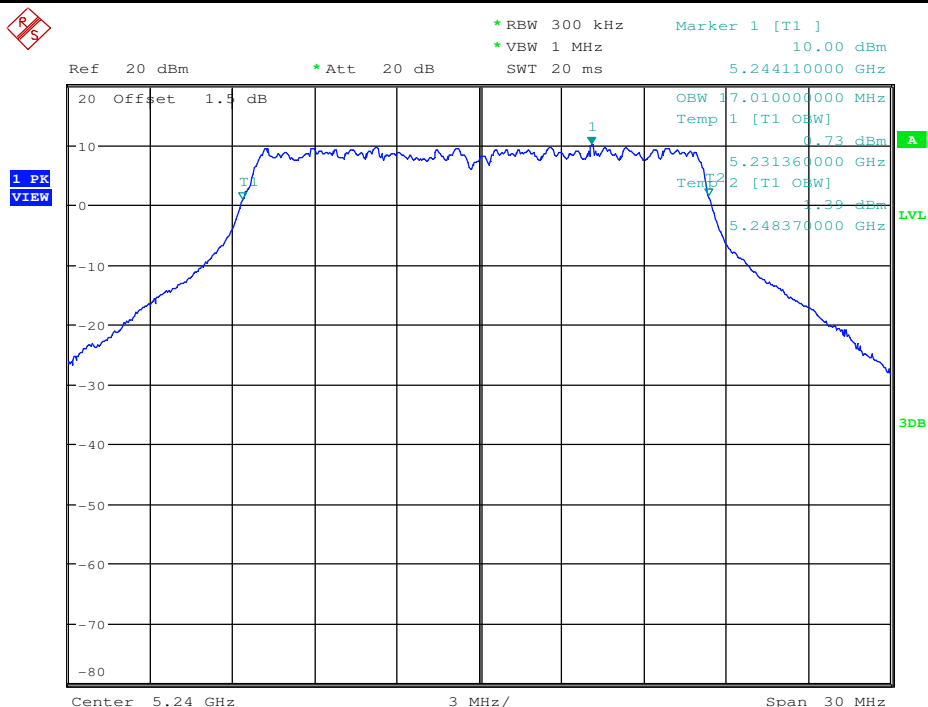
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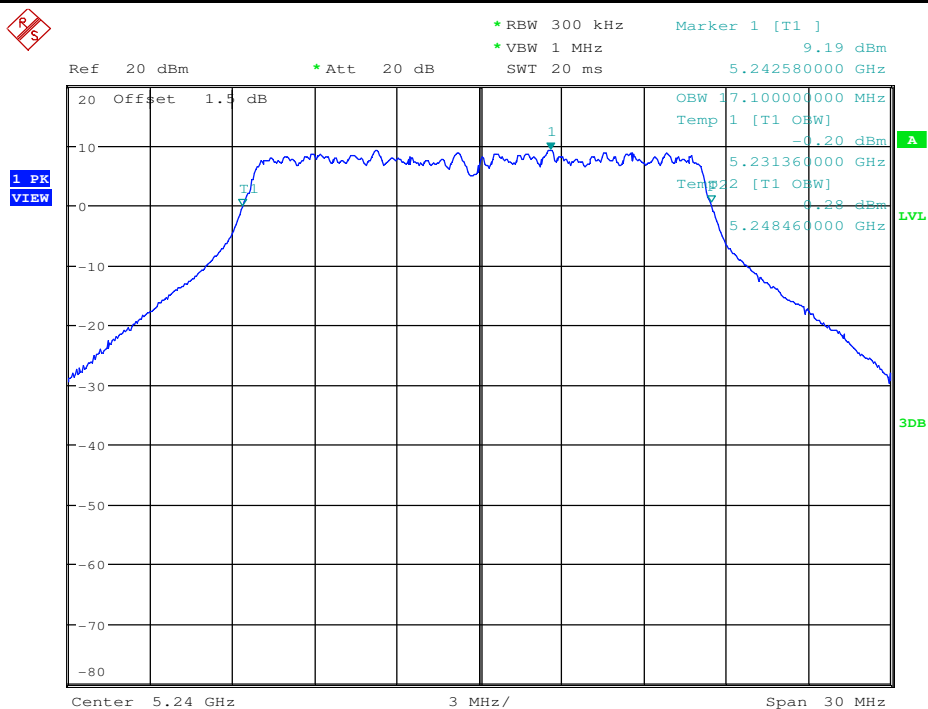
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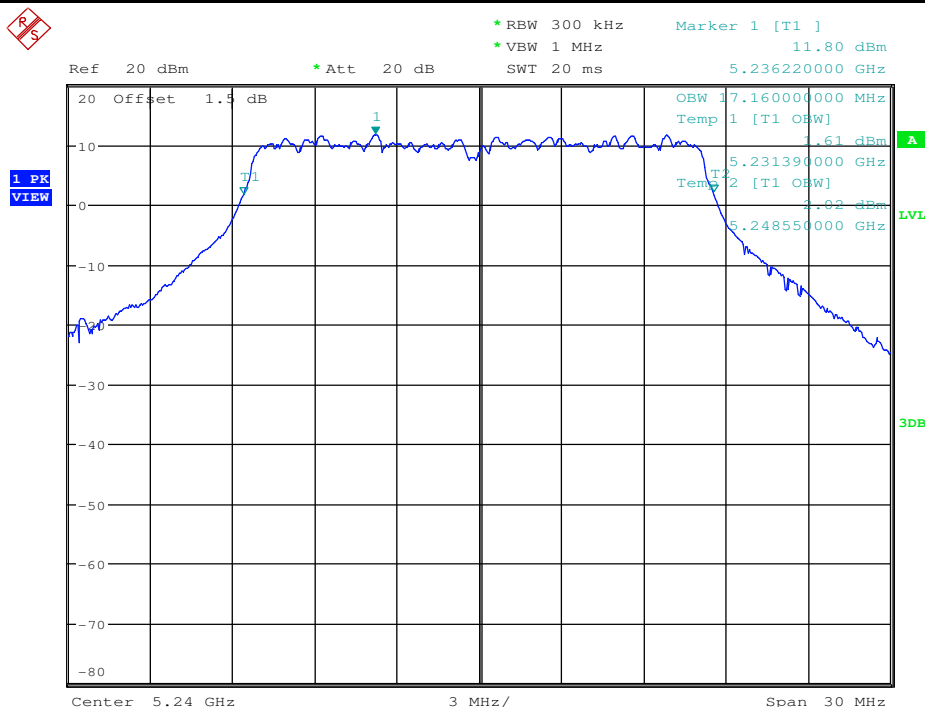
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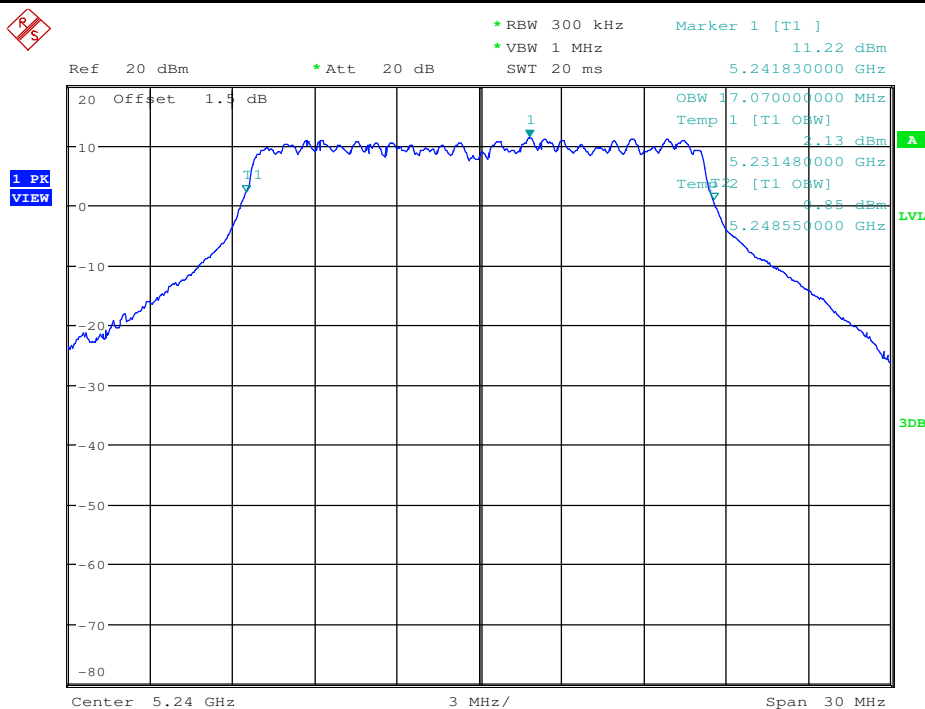
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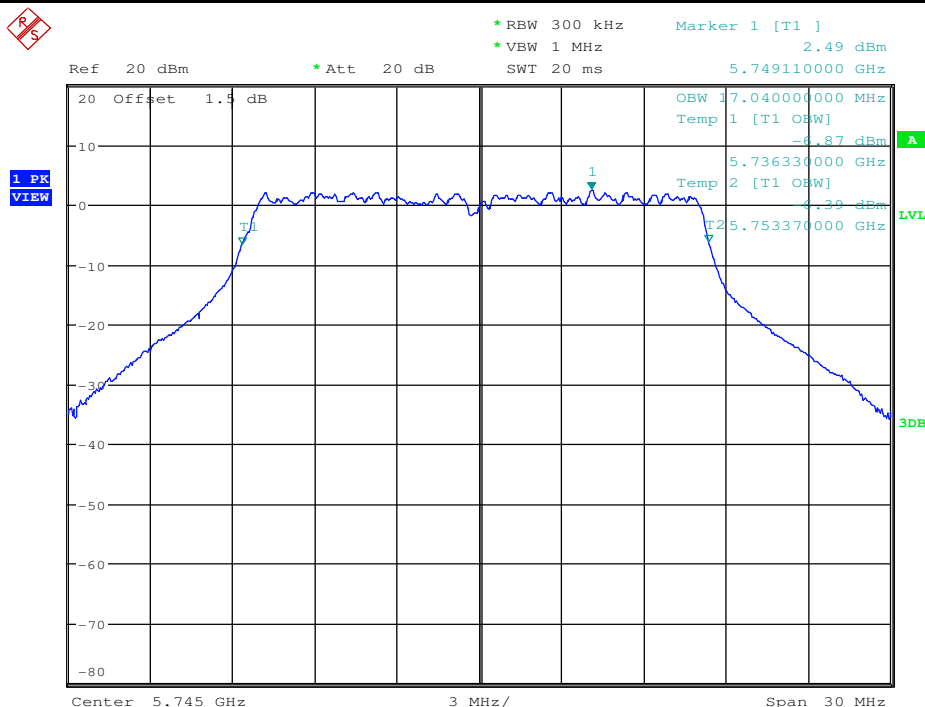
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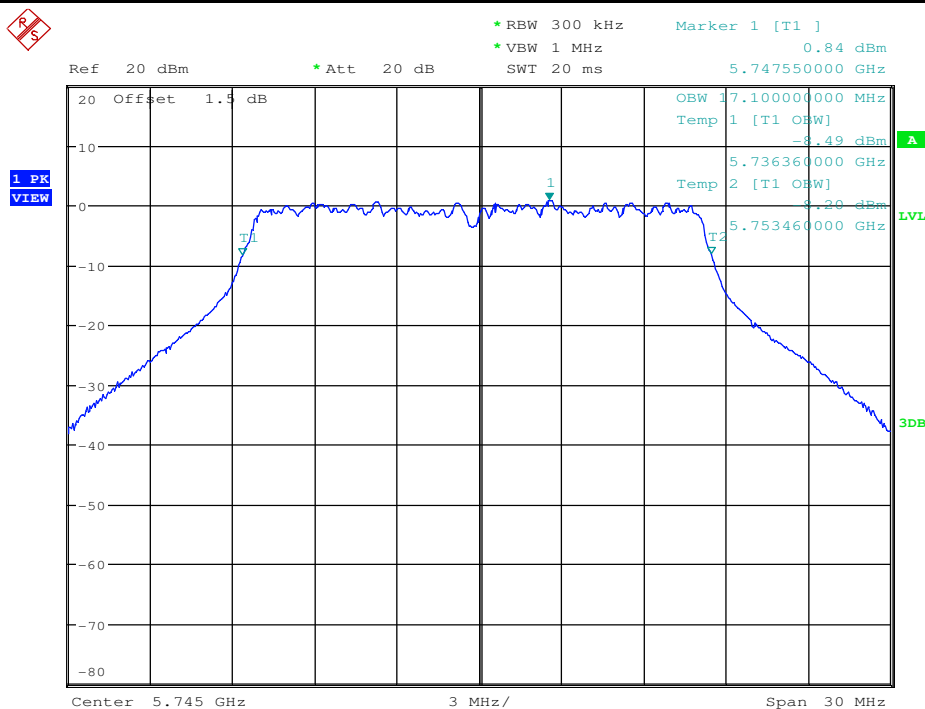
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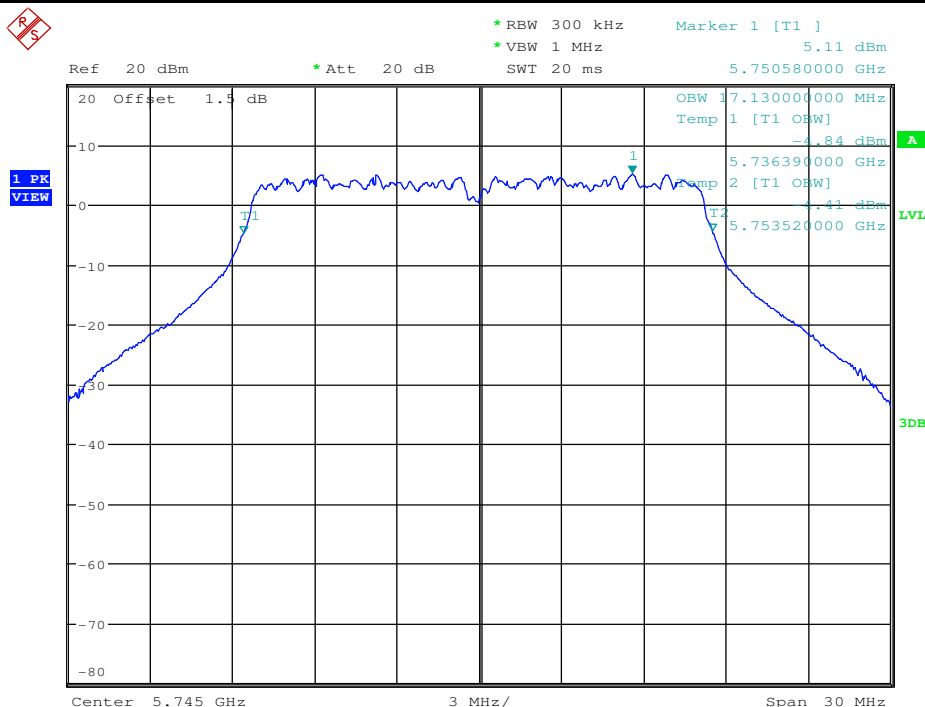
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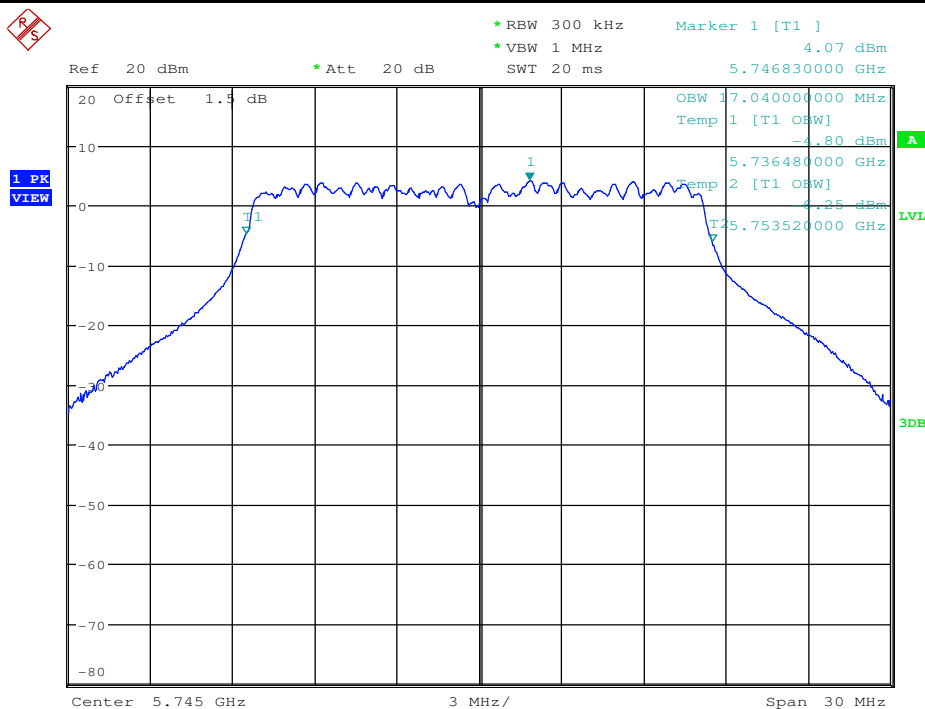
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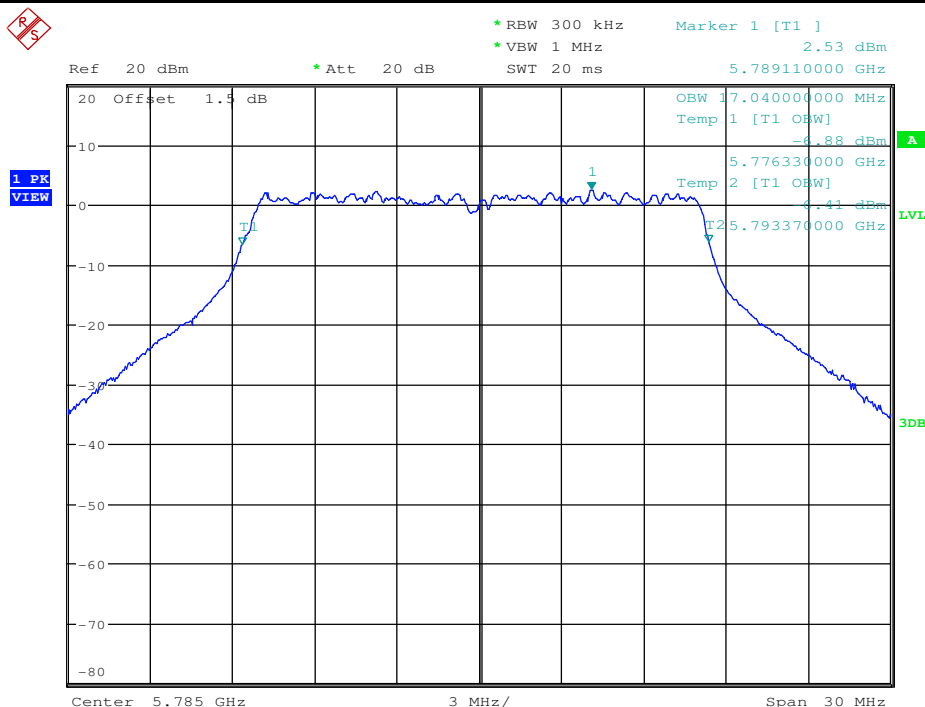
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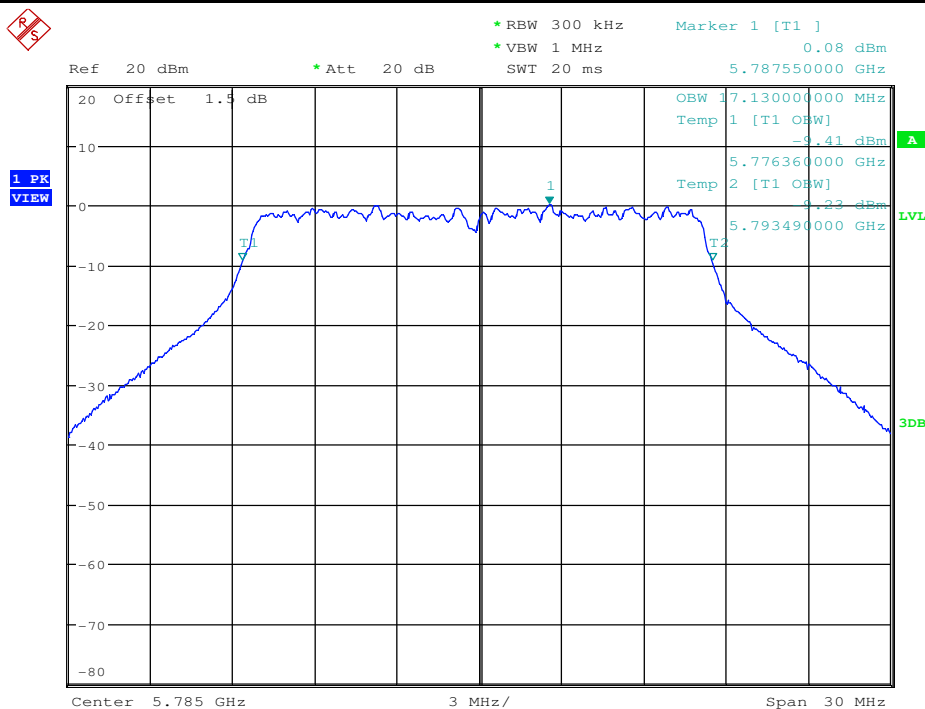
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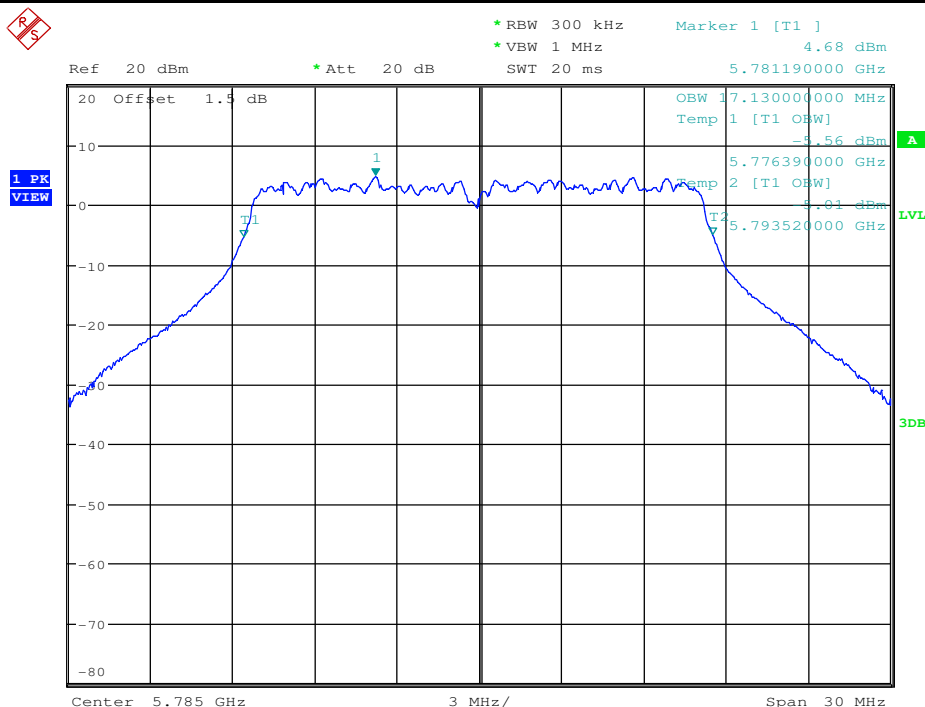
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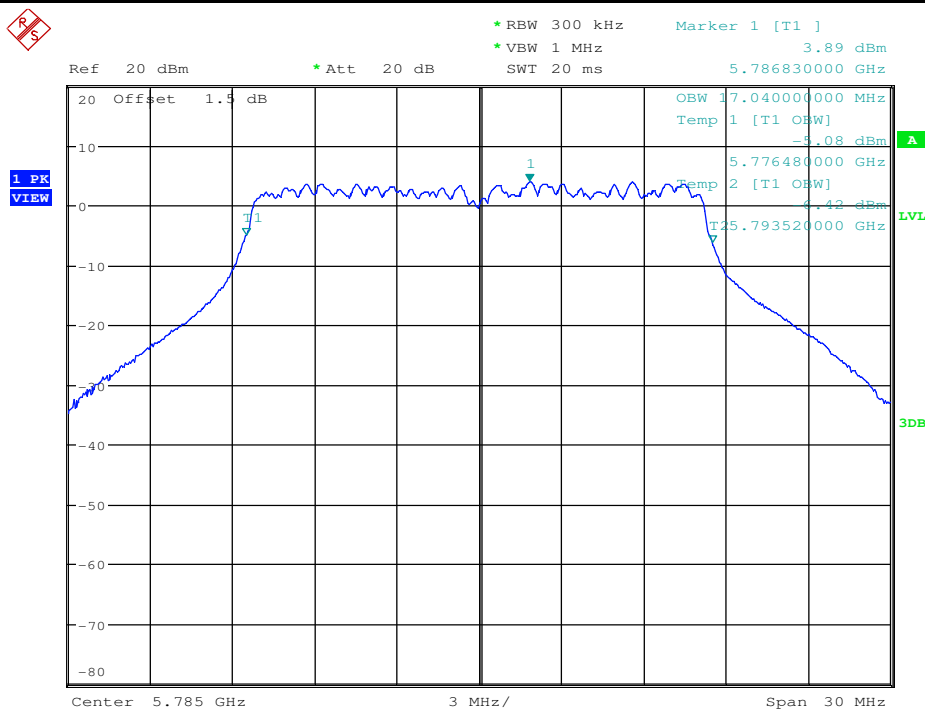
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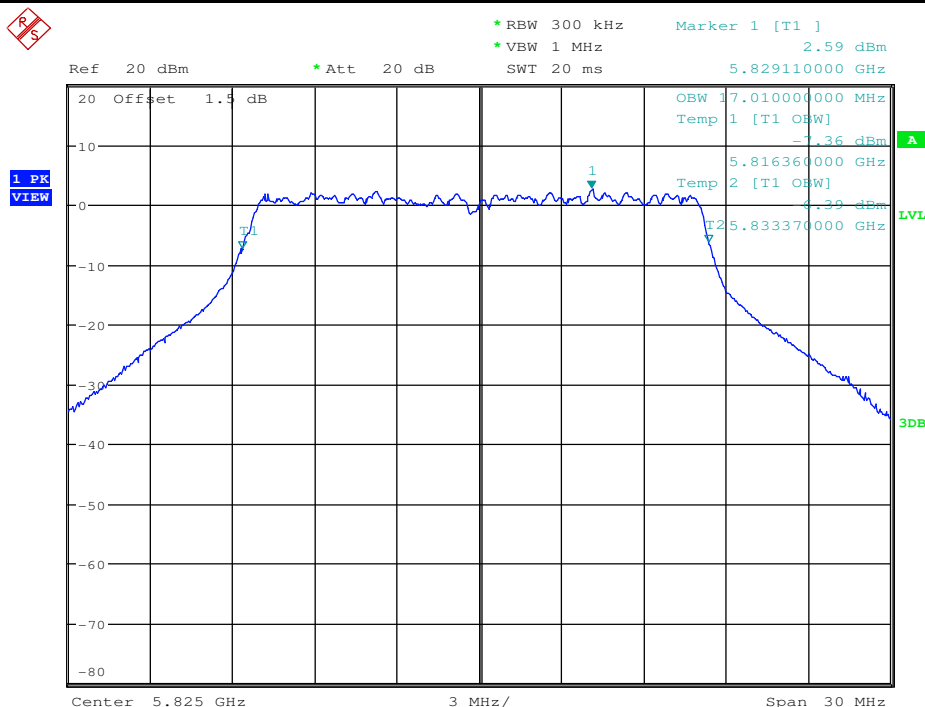
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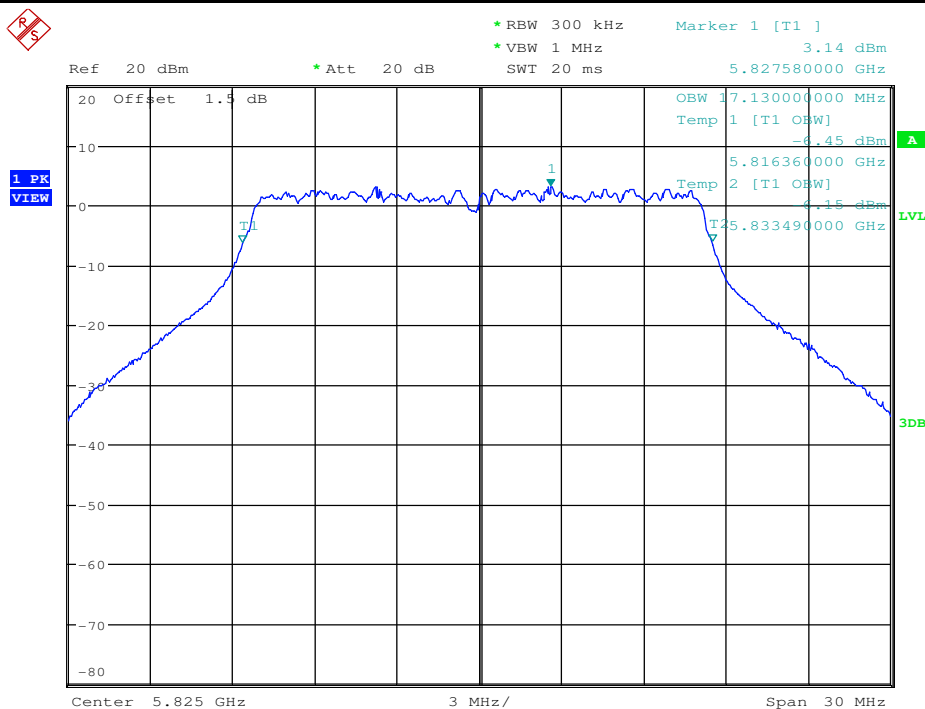
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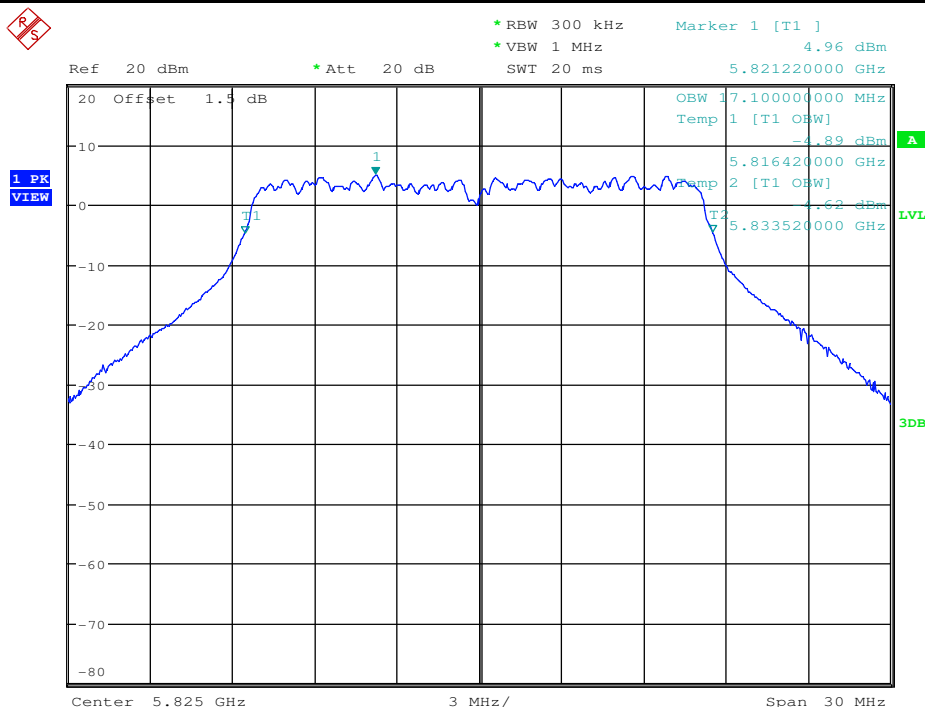
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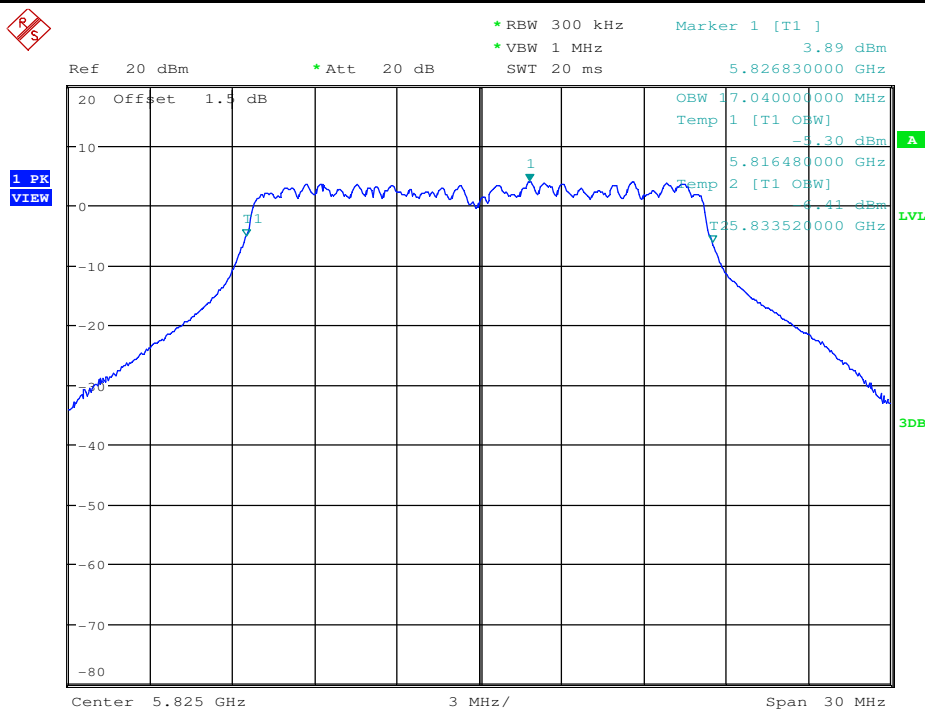
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Occupied Bandwidth Measurement_11A_5825_Ant3



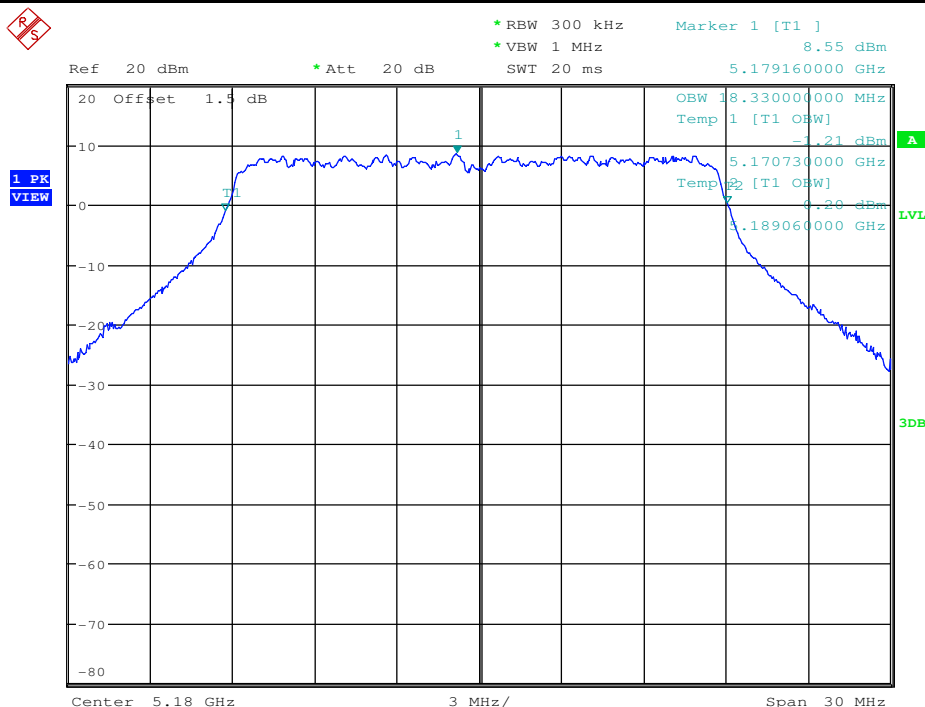
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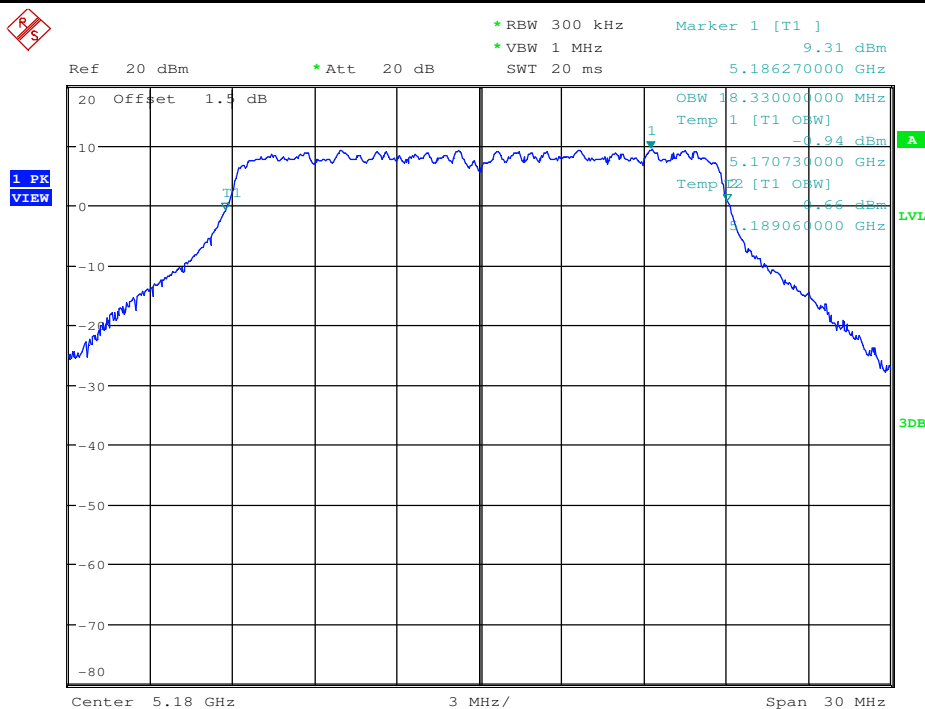
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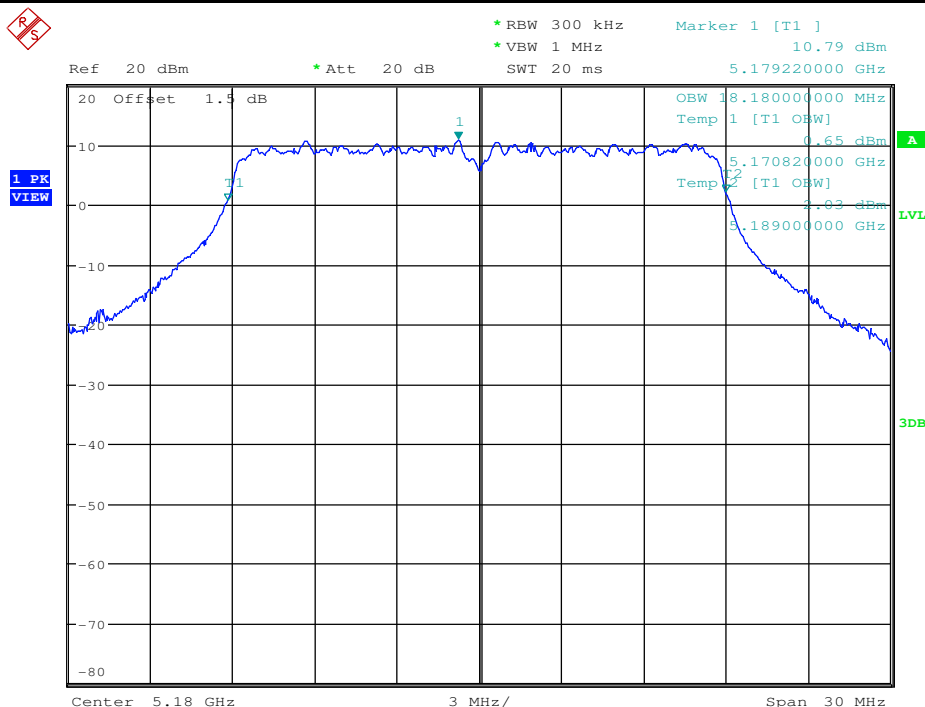
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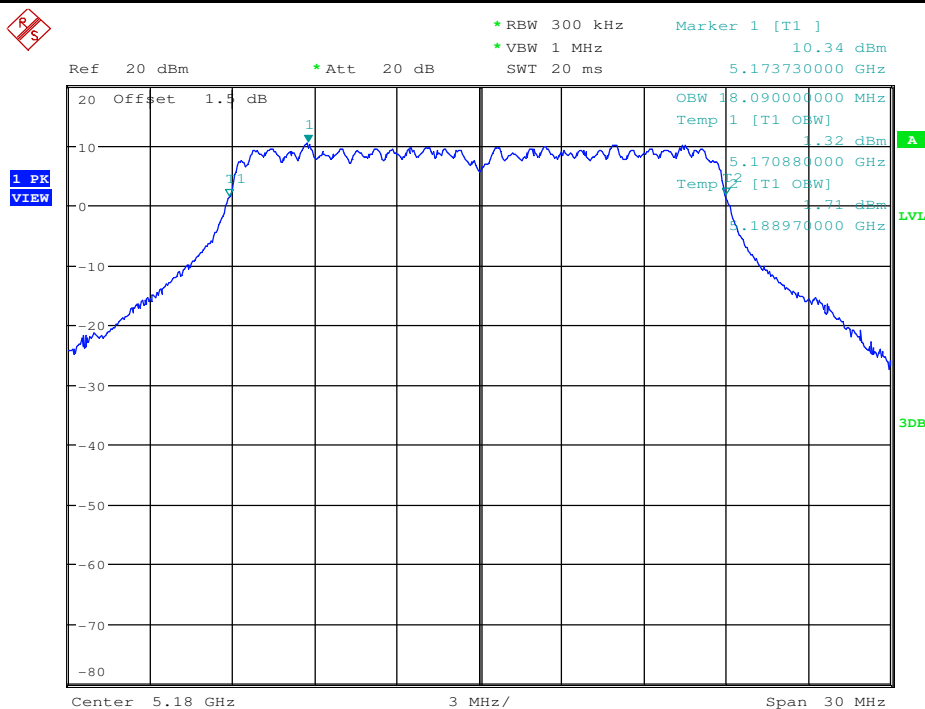
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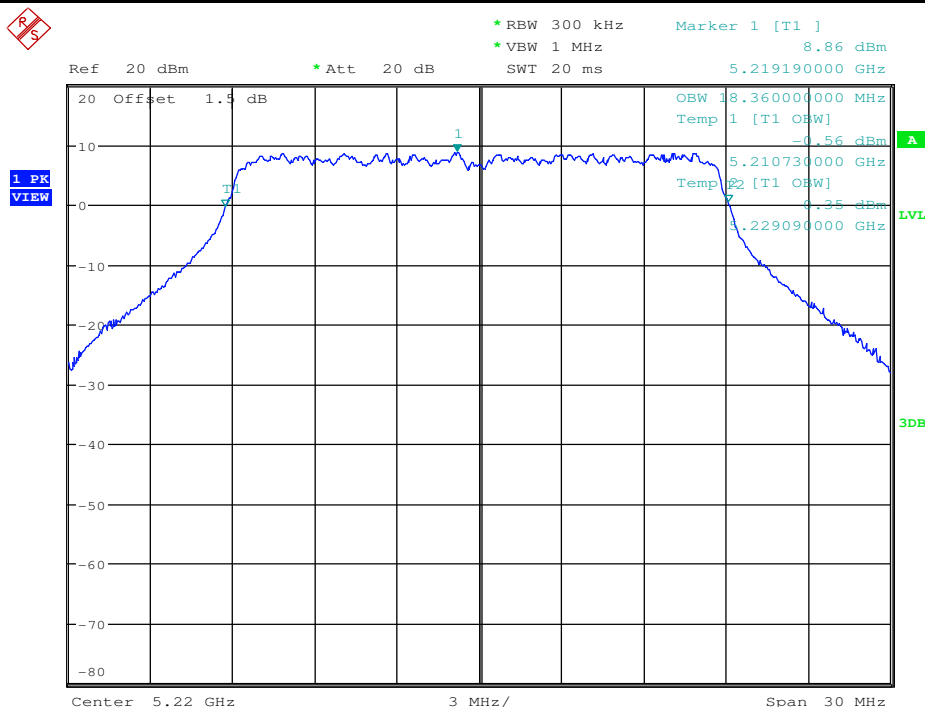
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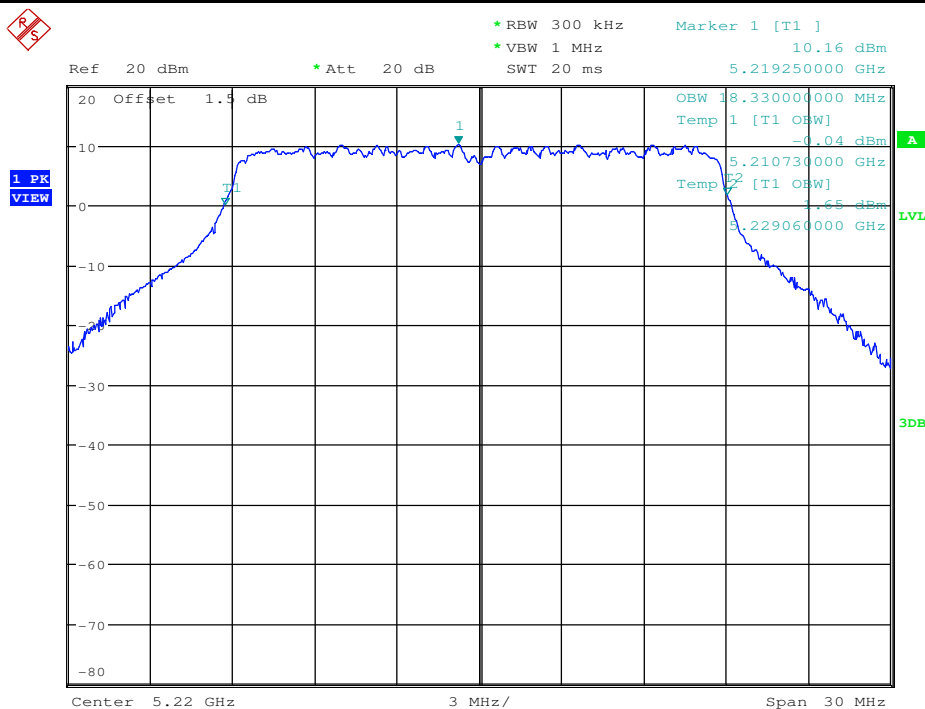
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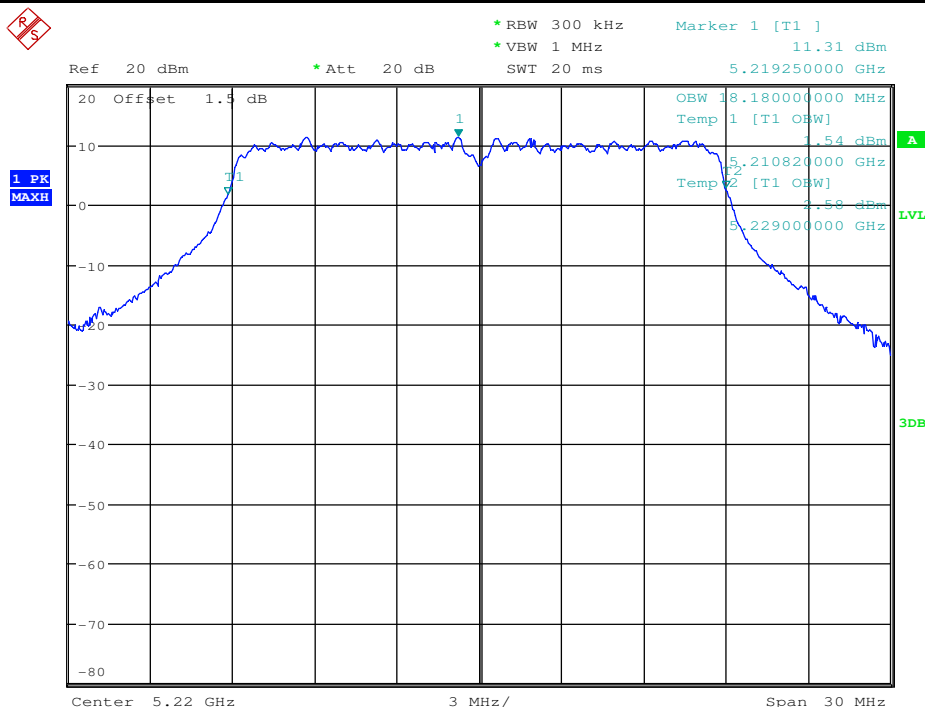
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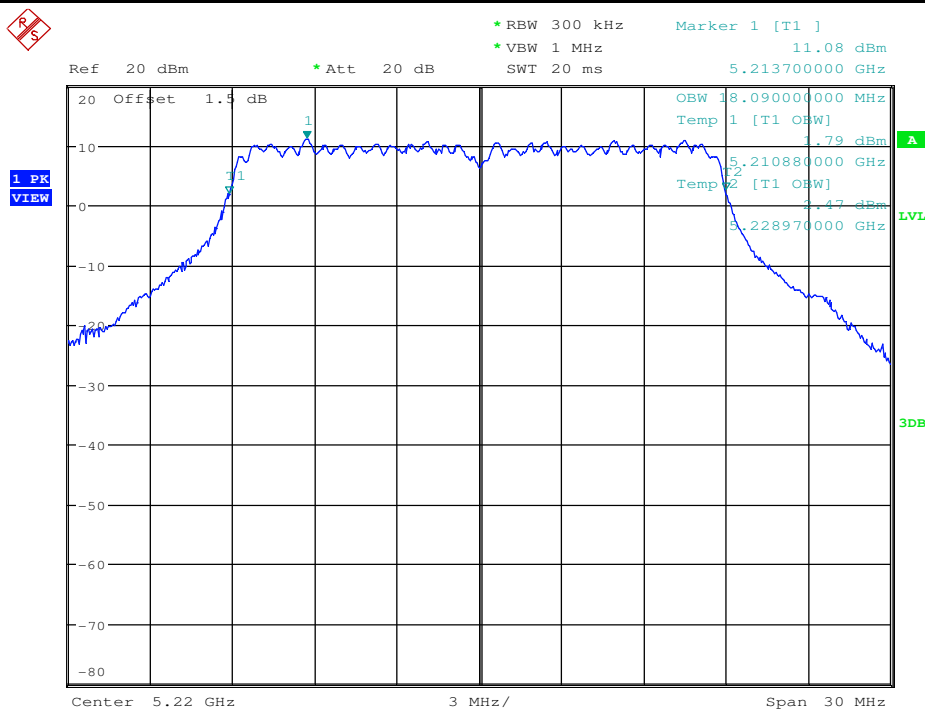
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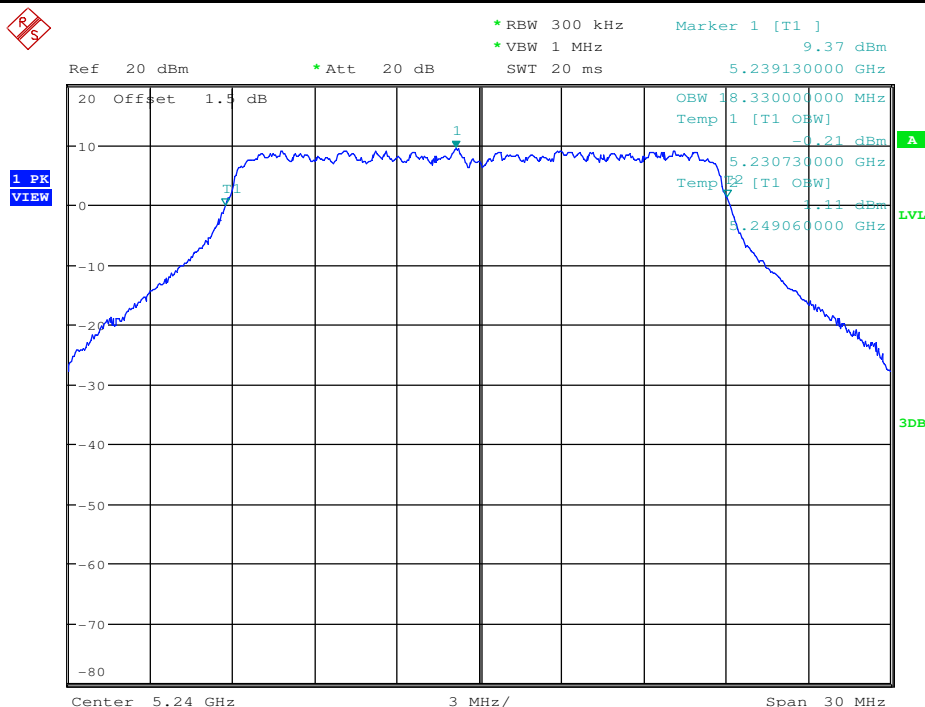
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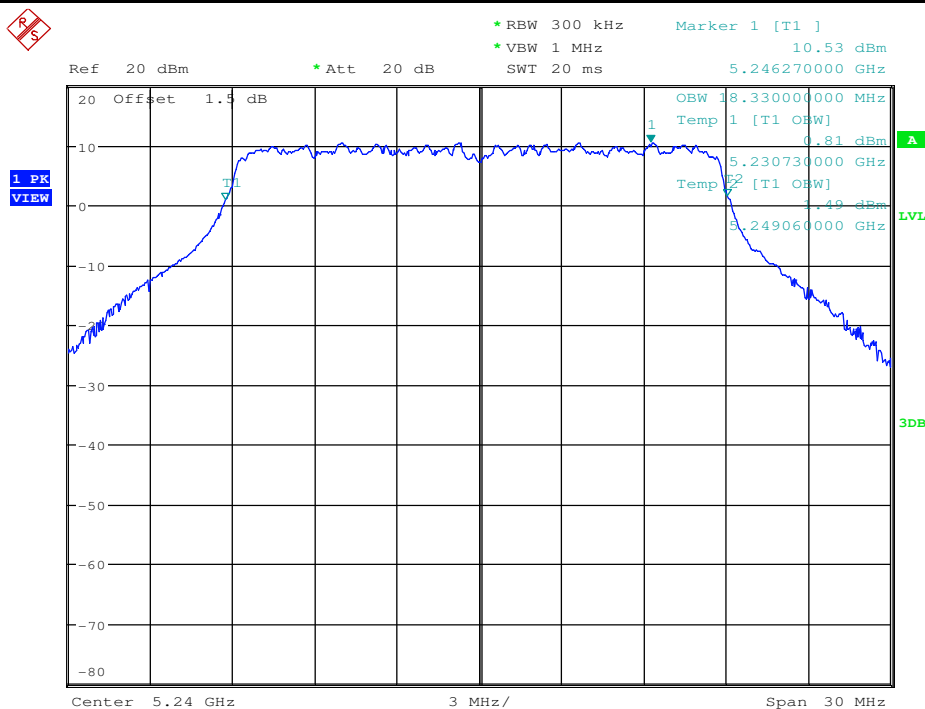
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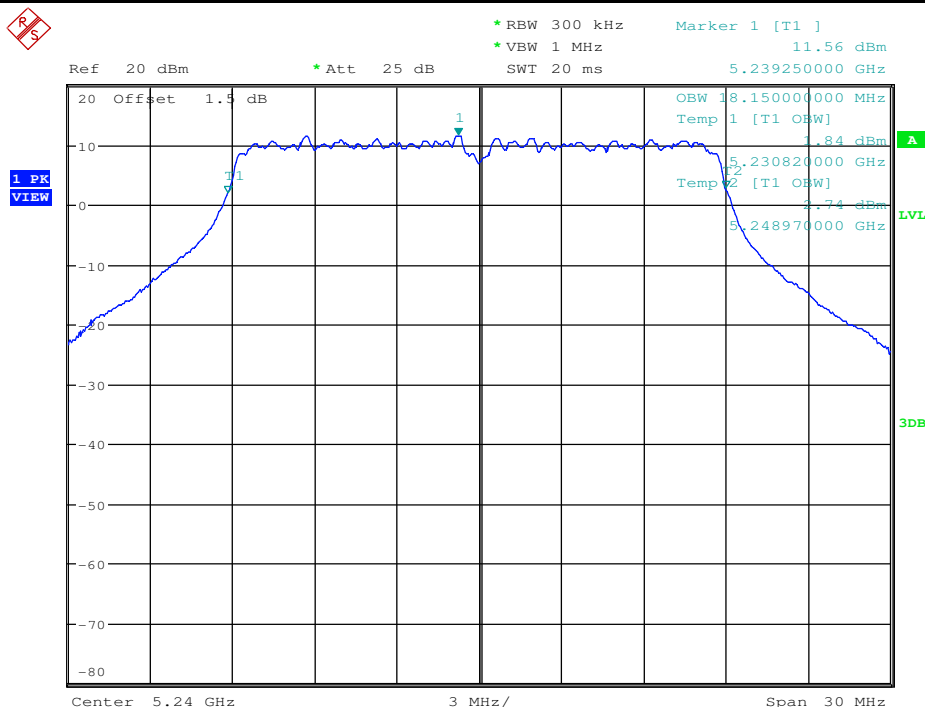
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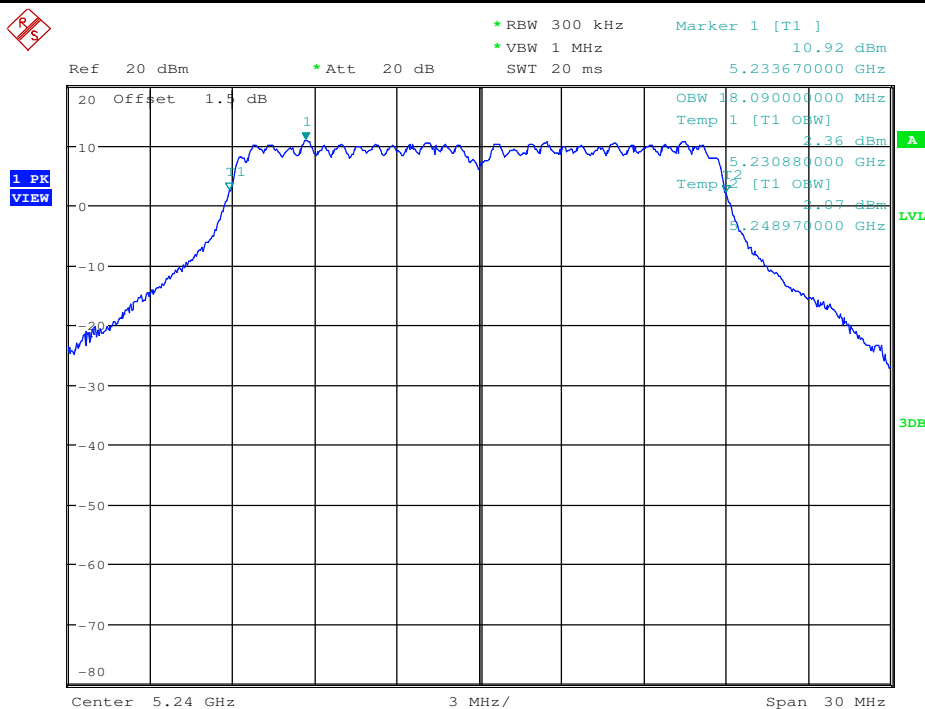
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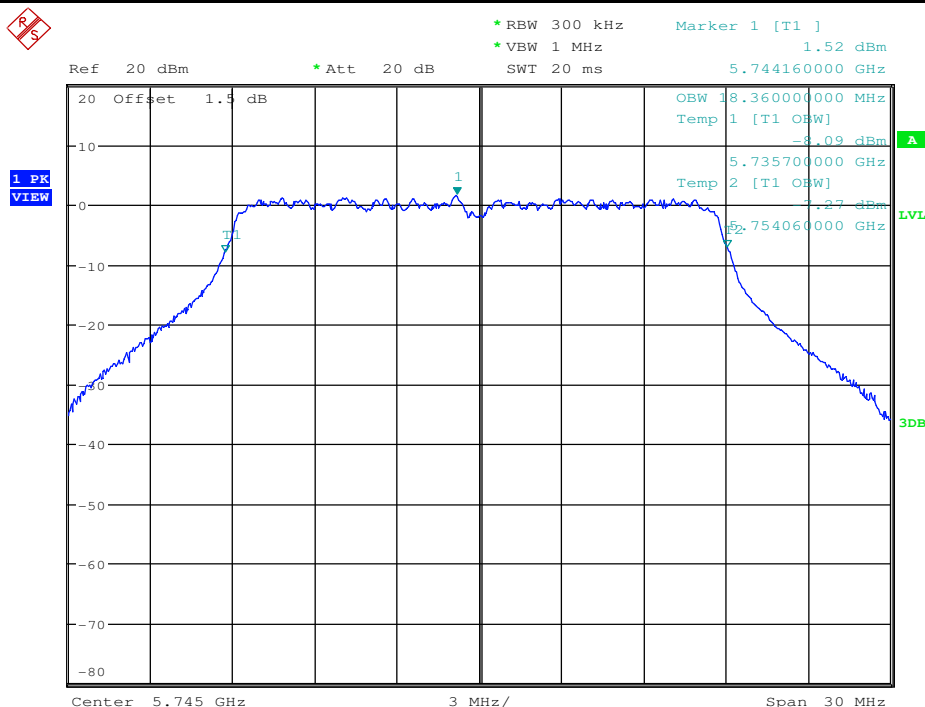


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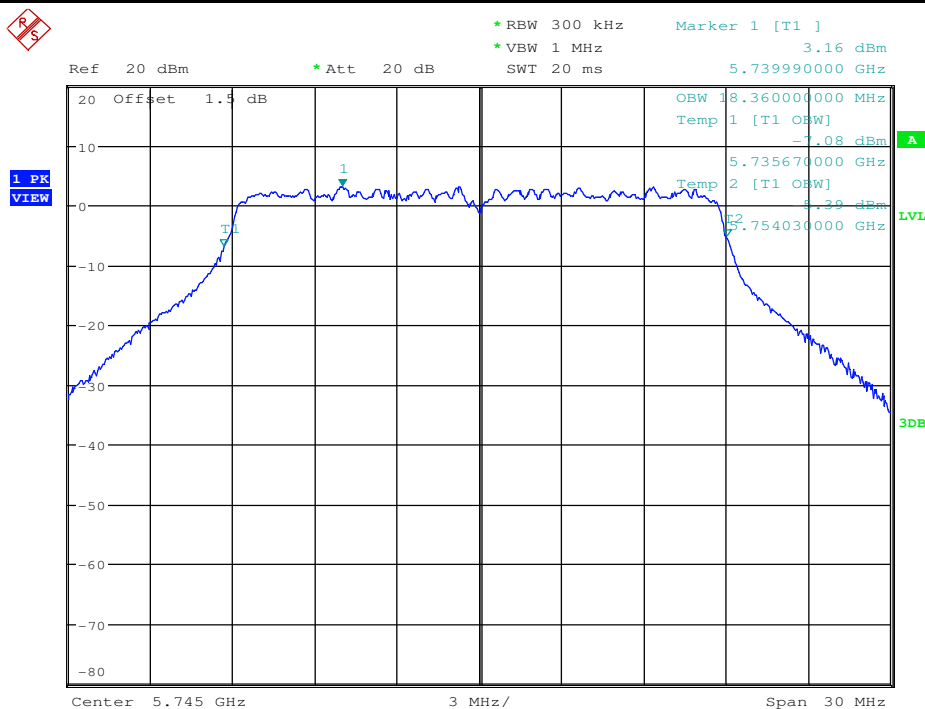
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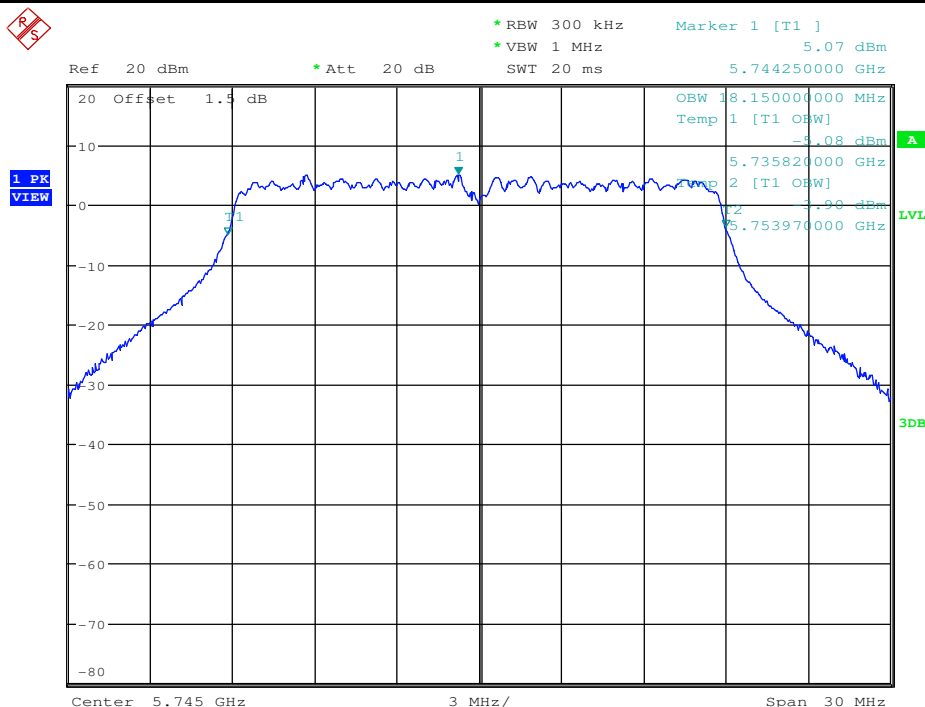
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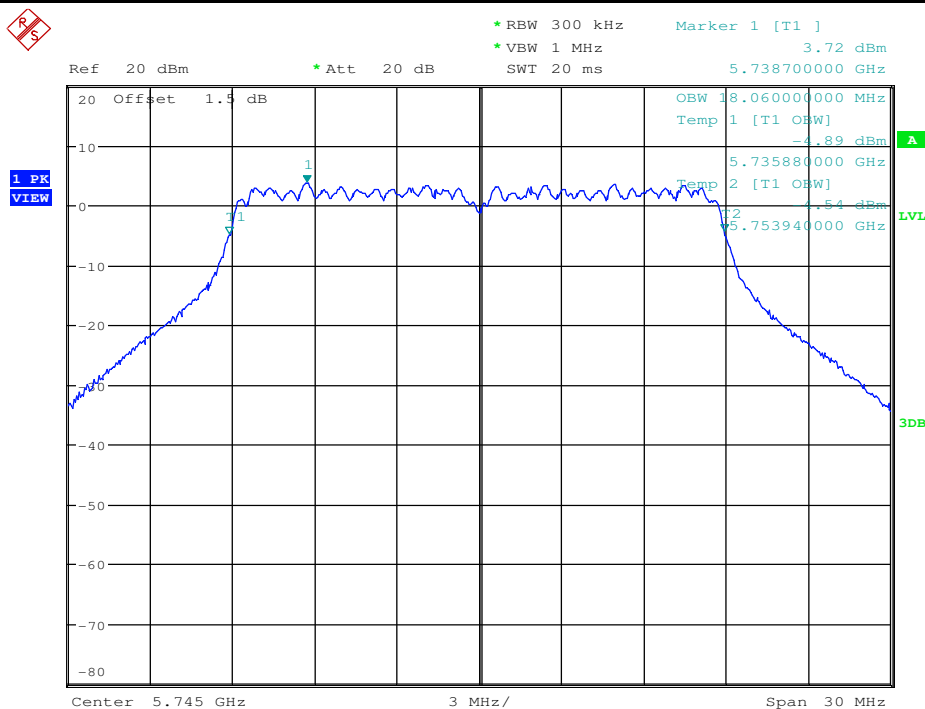
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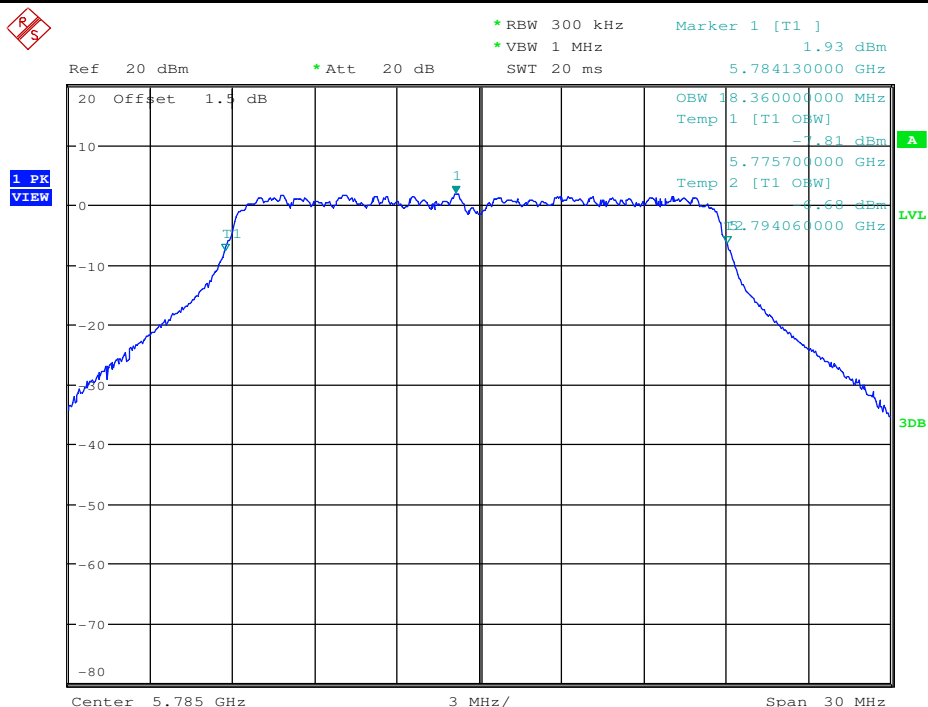
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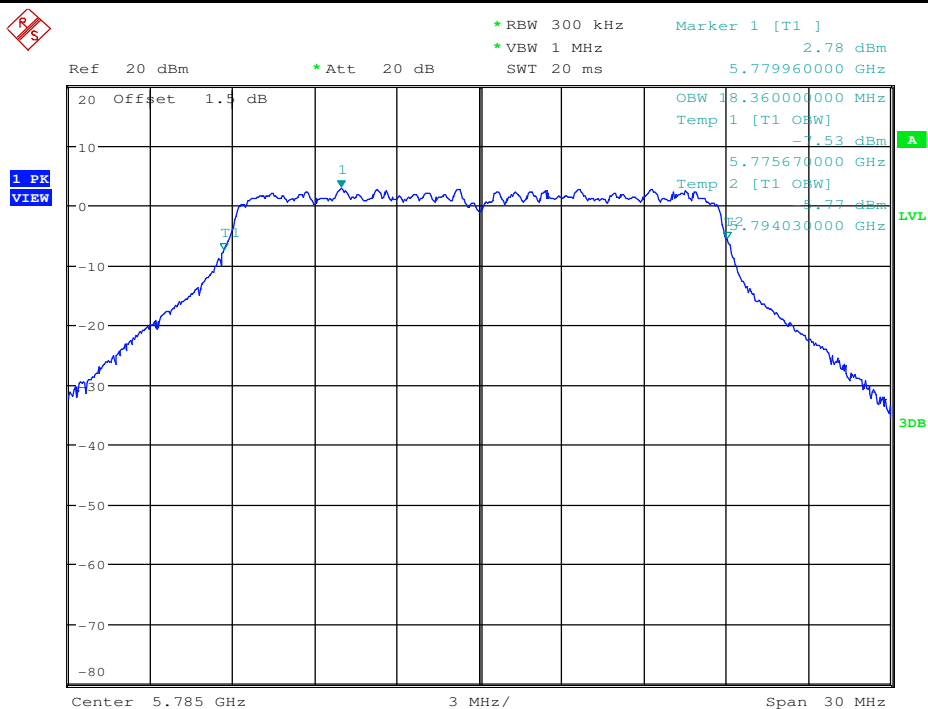
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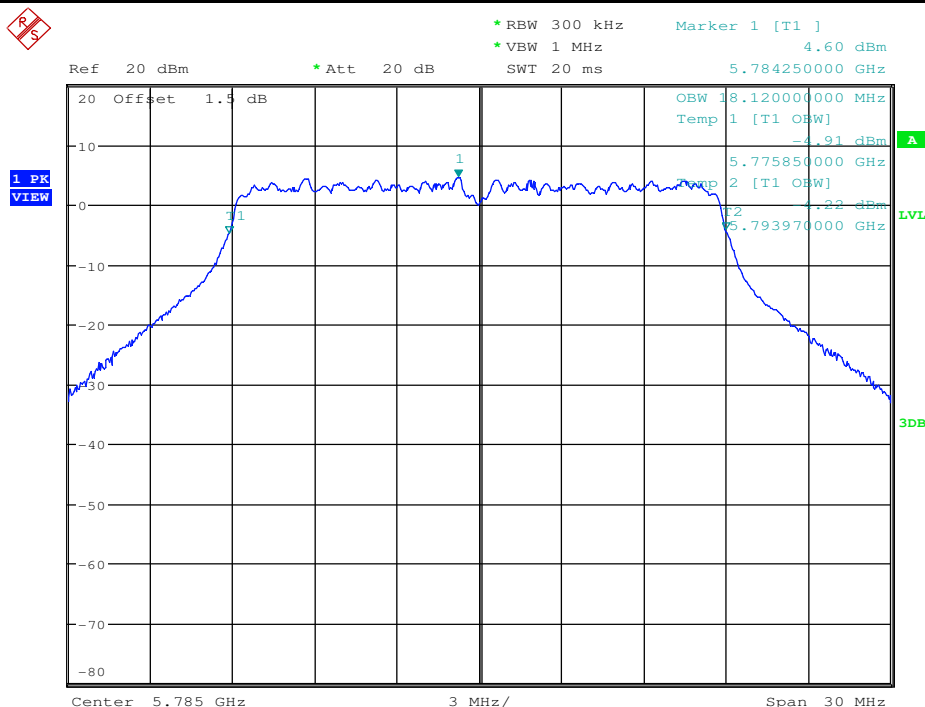
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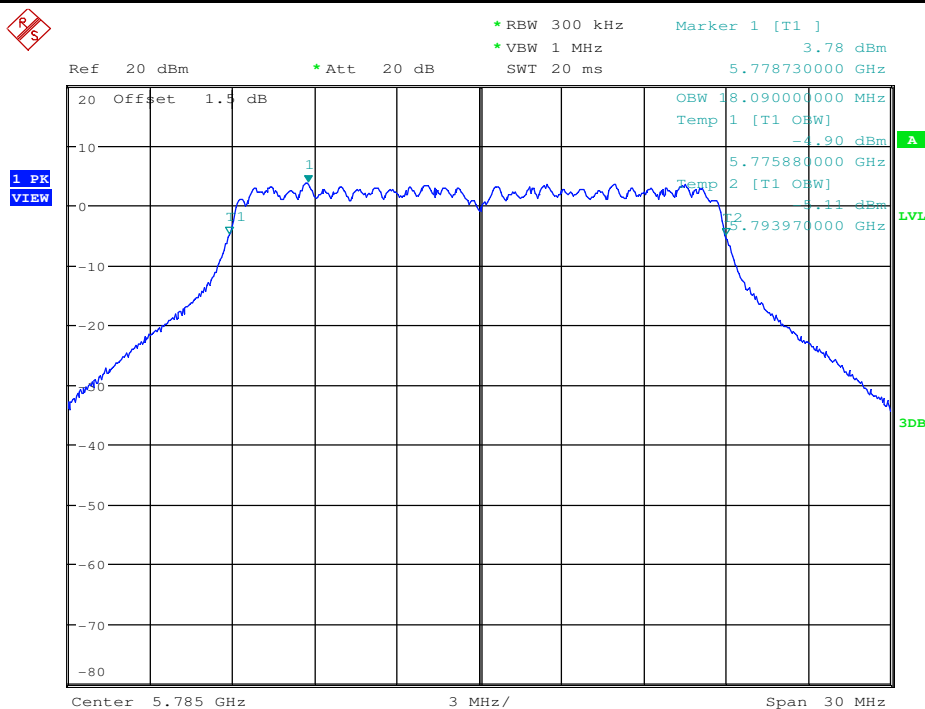
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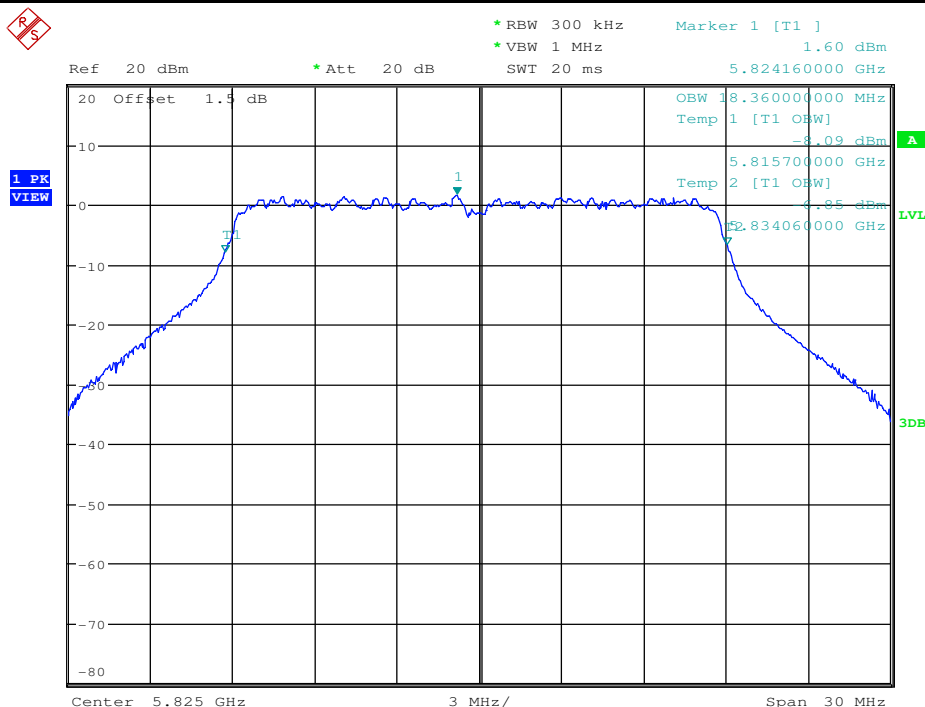
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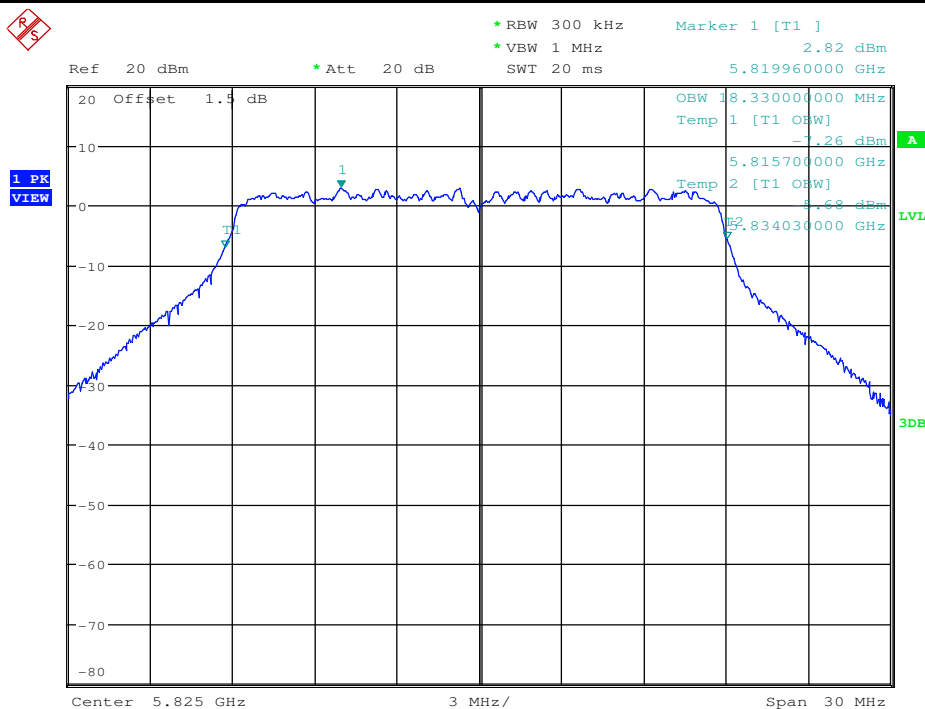
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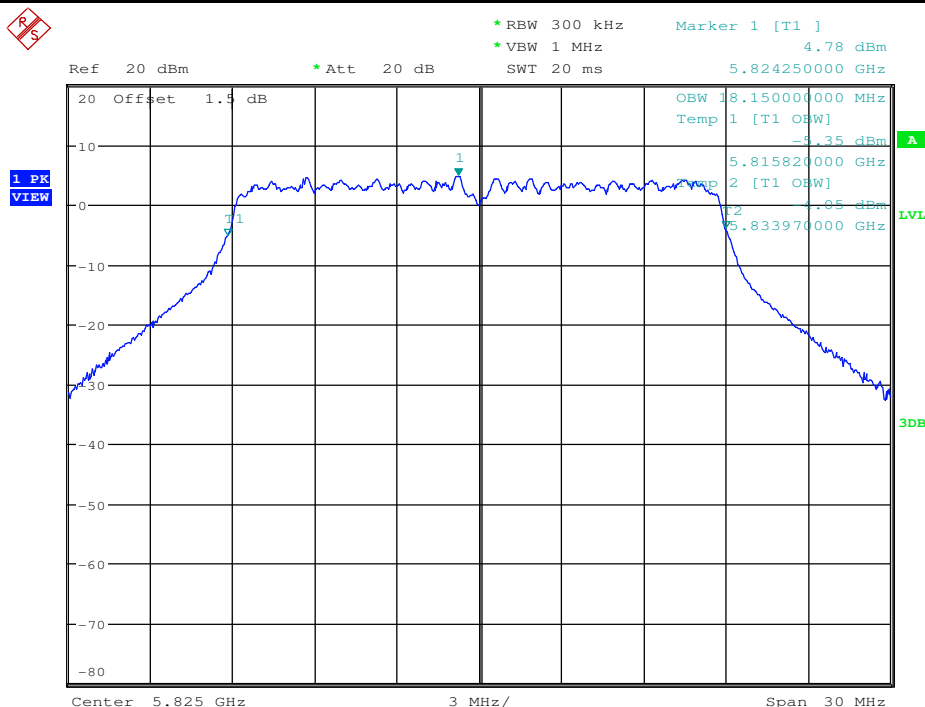
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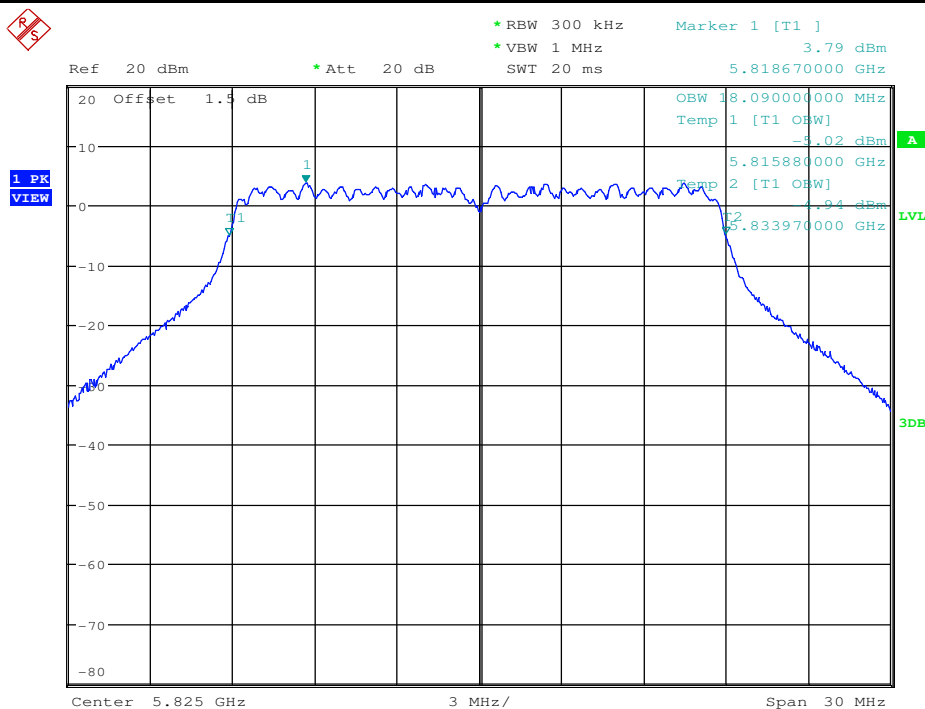
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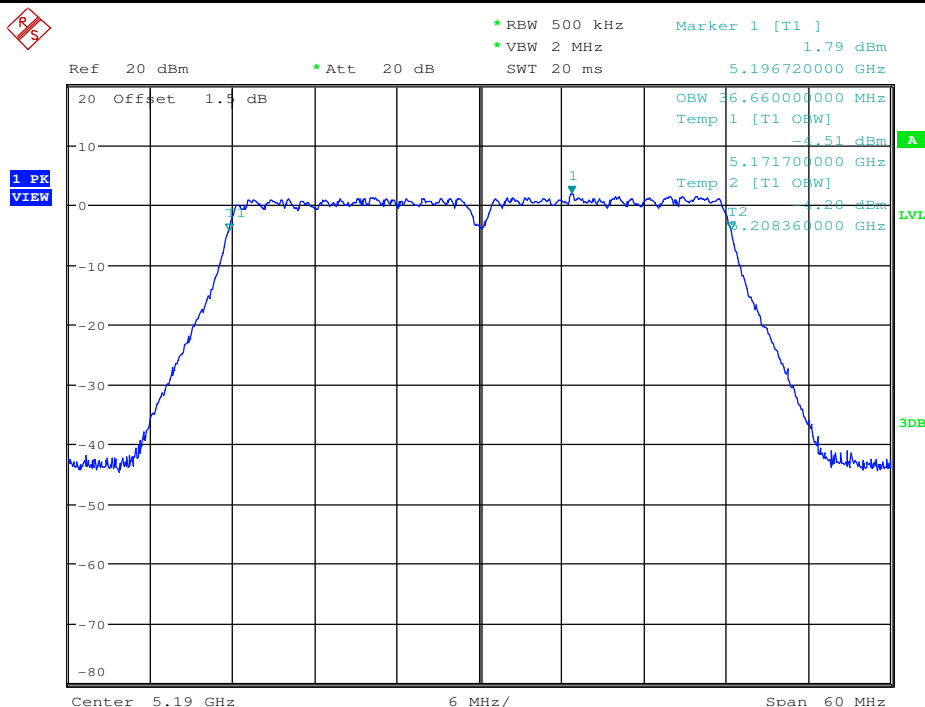
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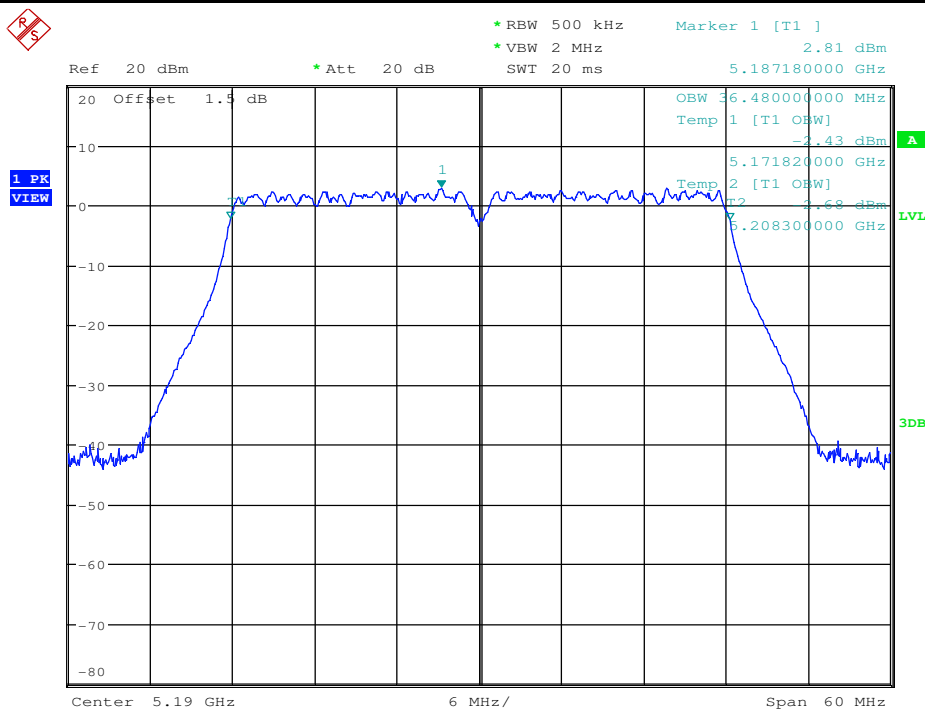
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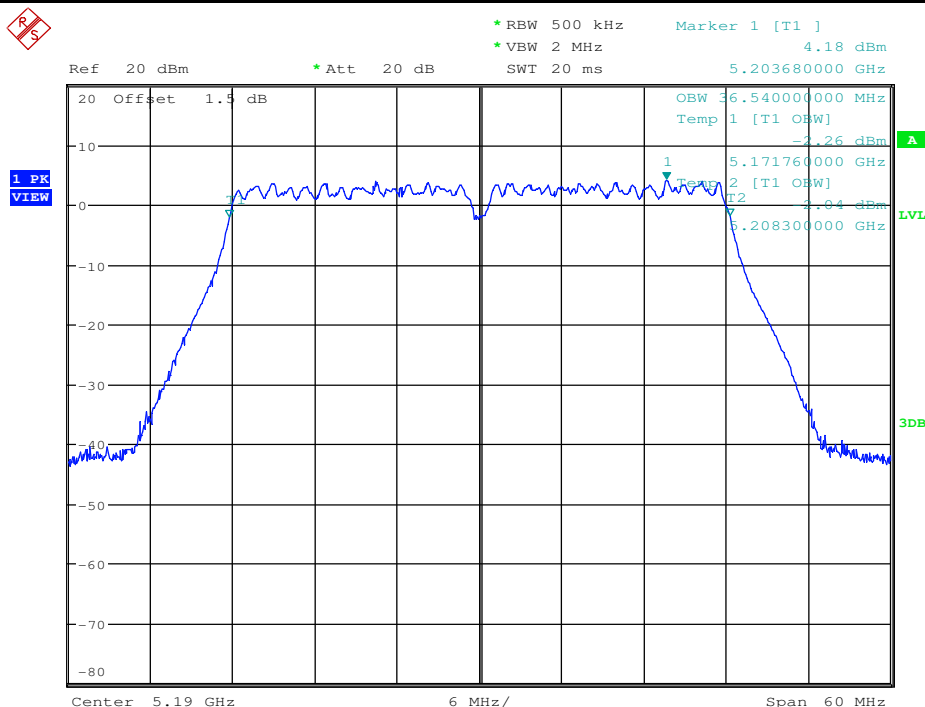
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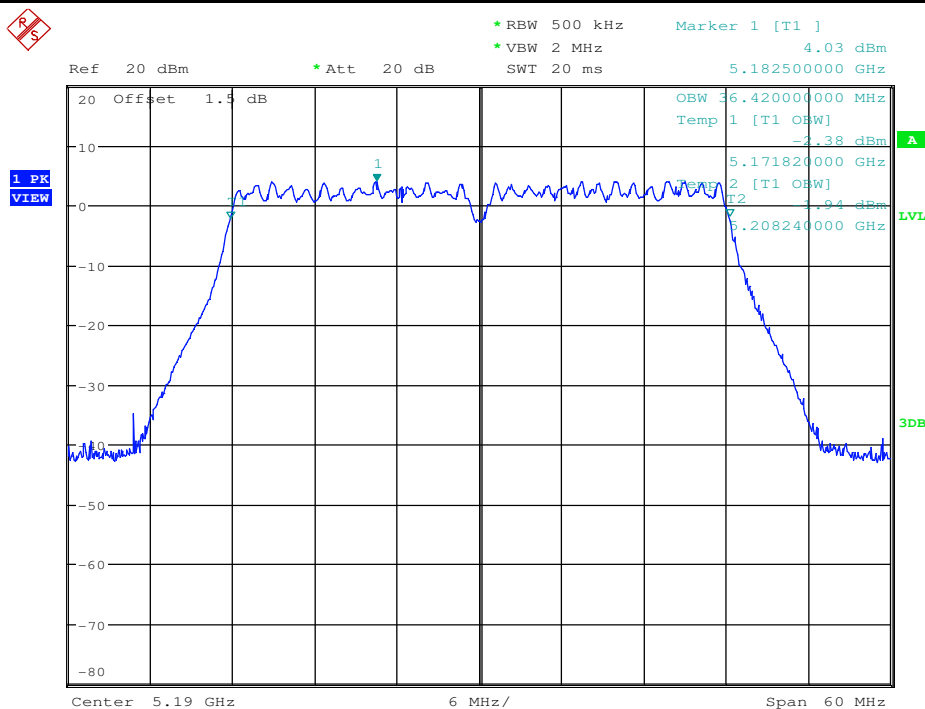
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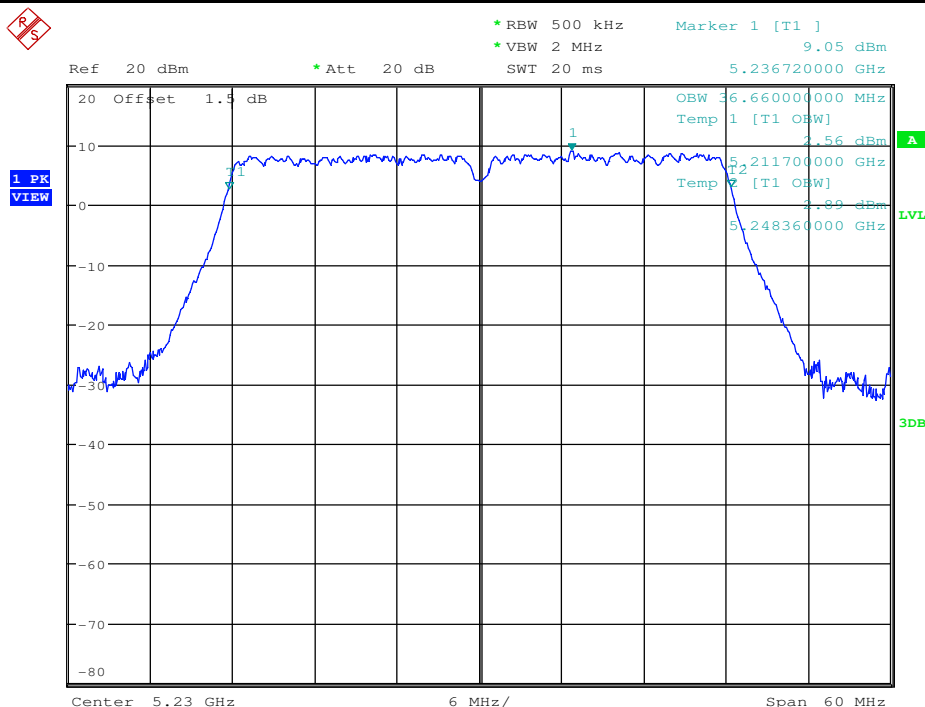
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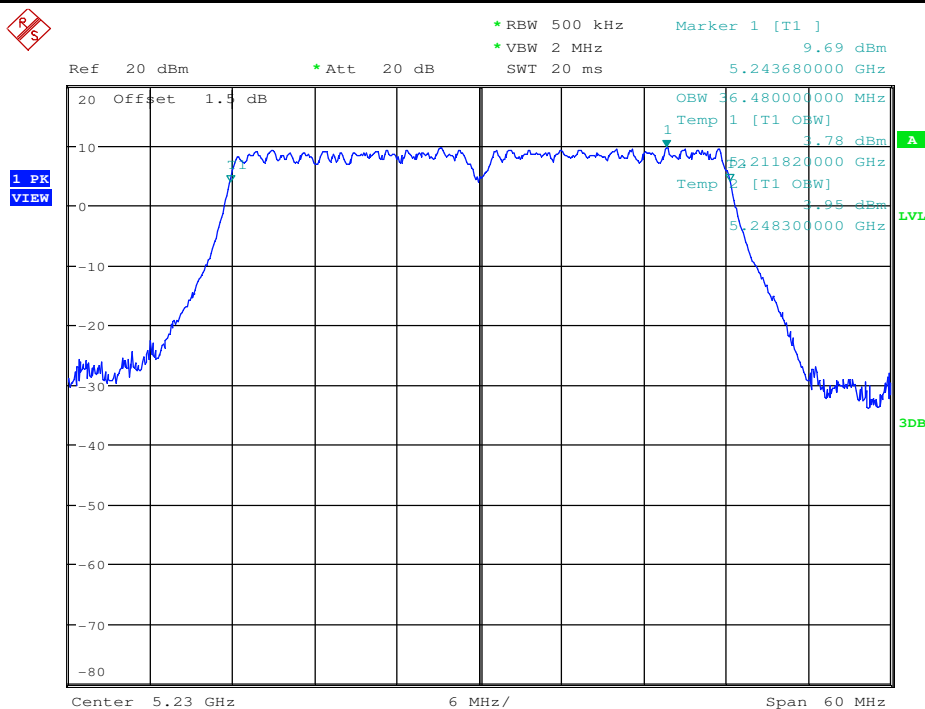
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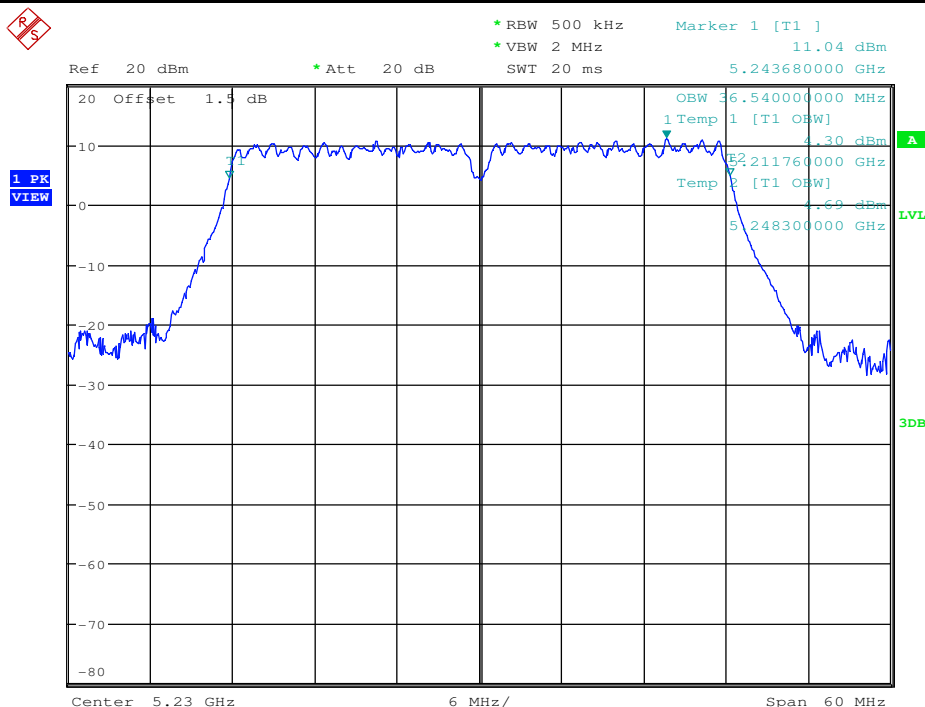
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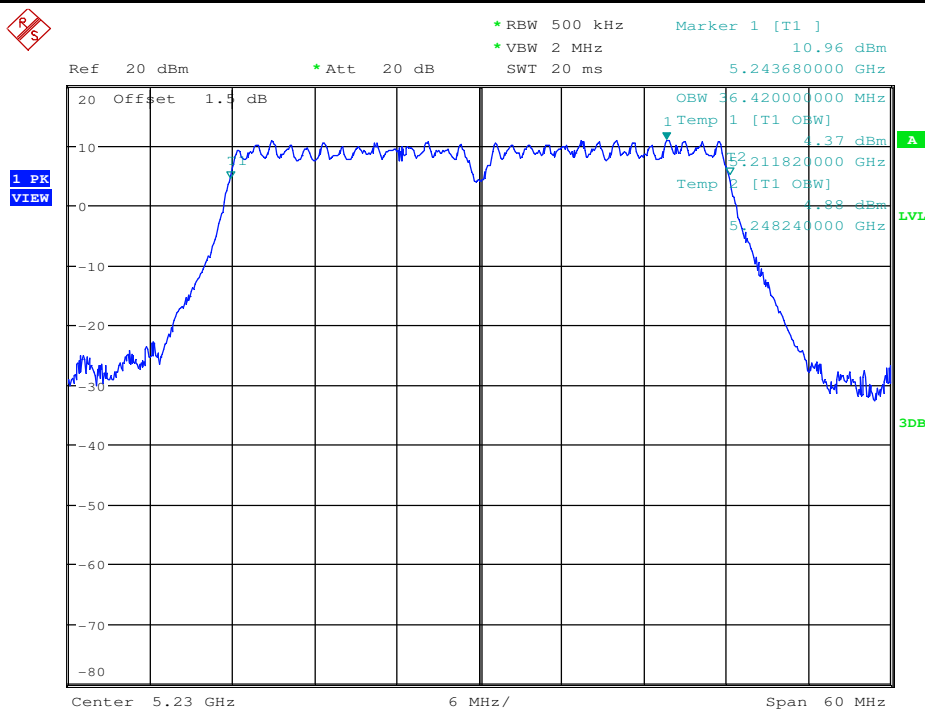
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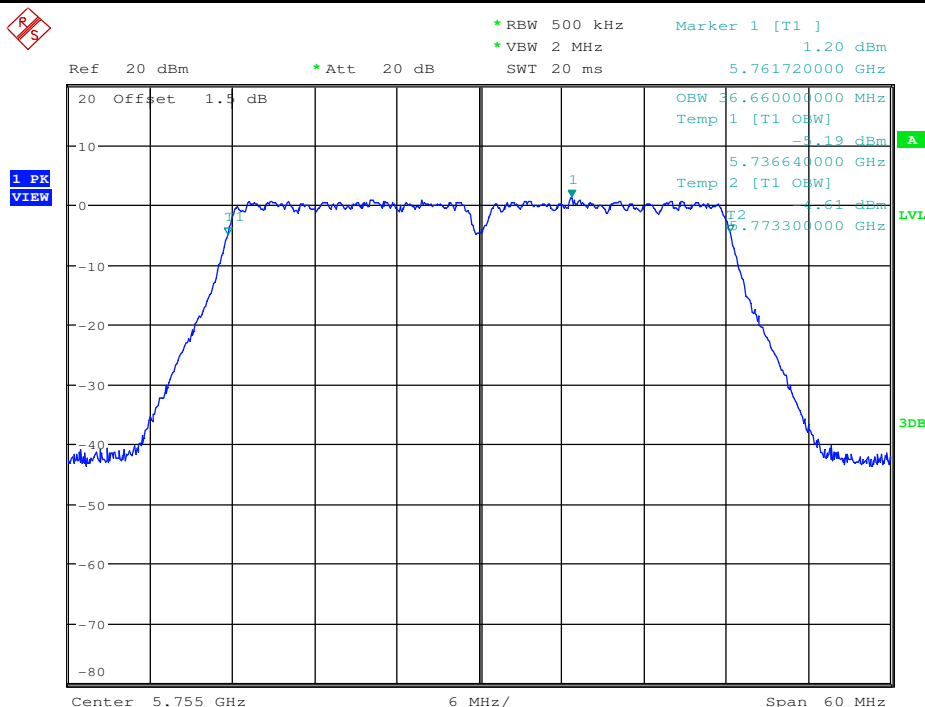
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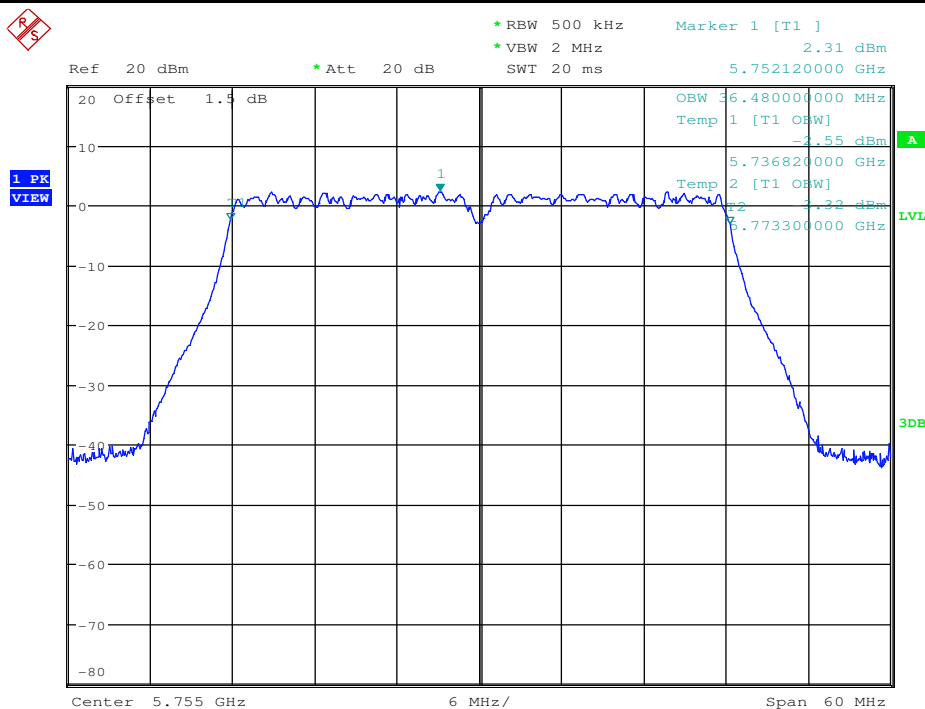
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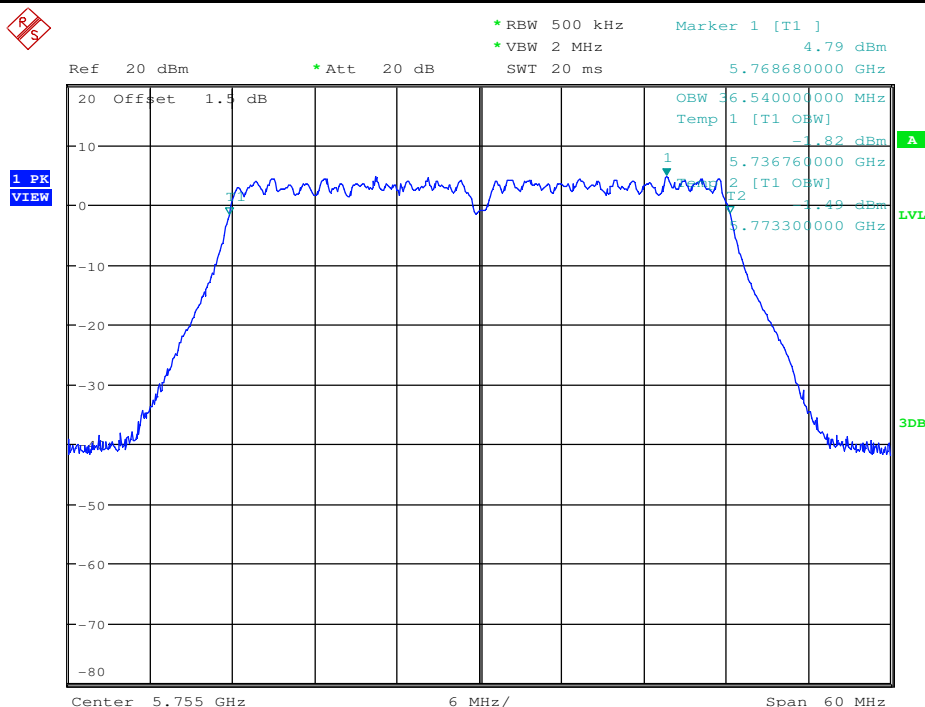
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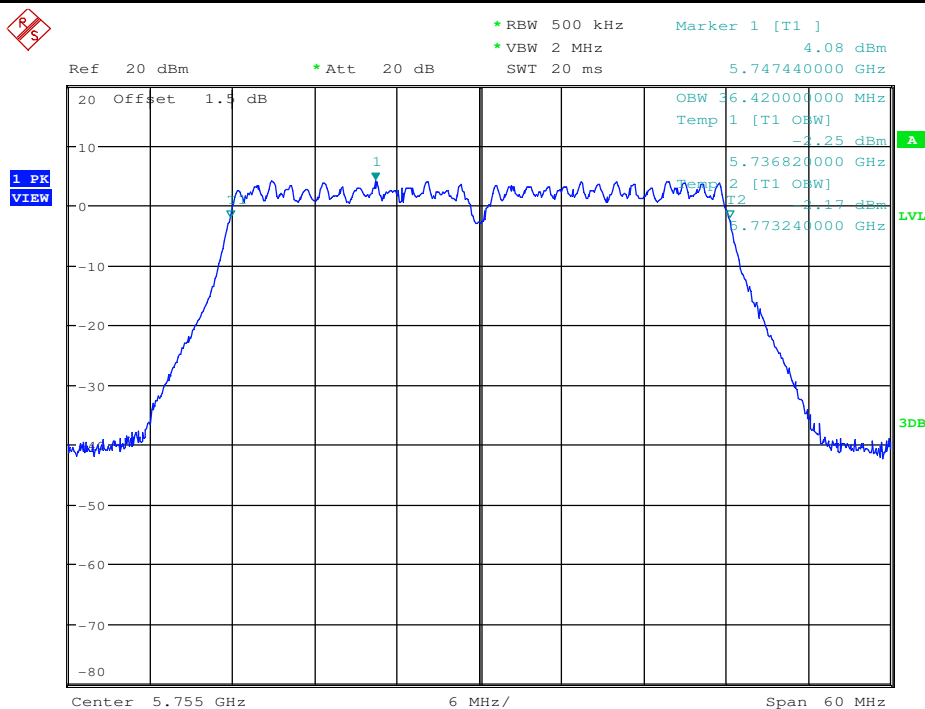
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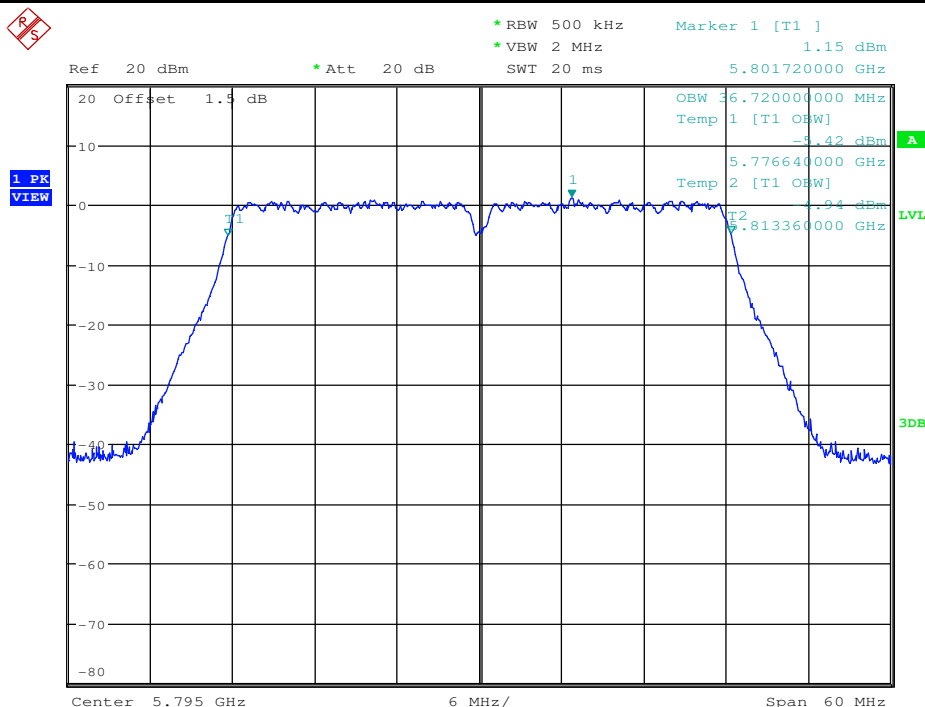
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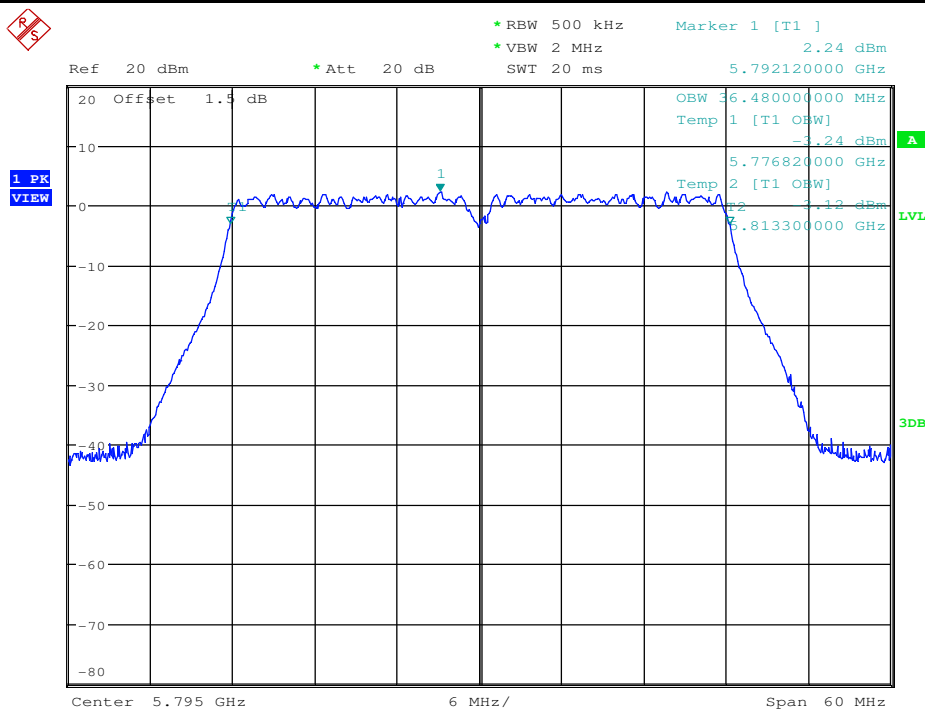
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Occupied Bandwidth Measurement_11N40_5795_Ant1



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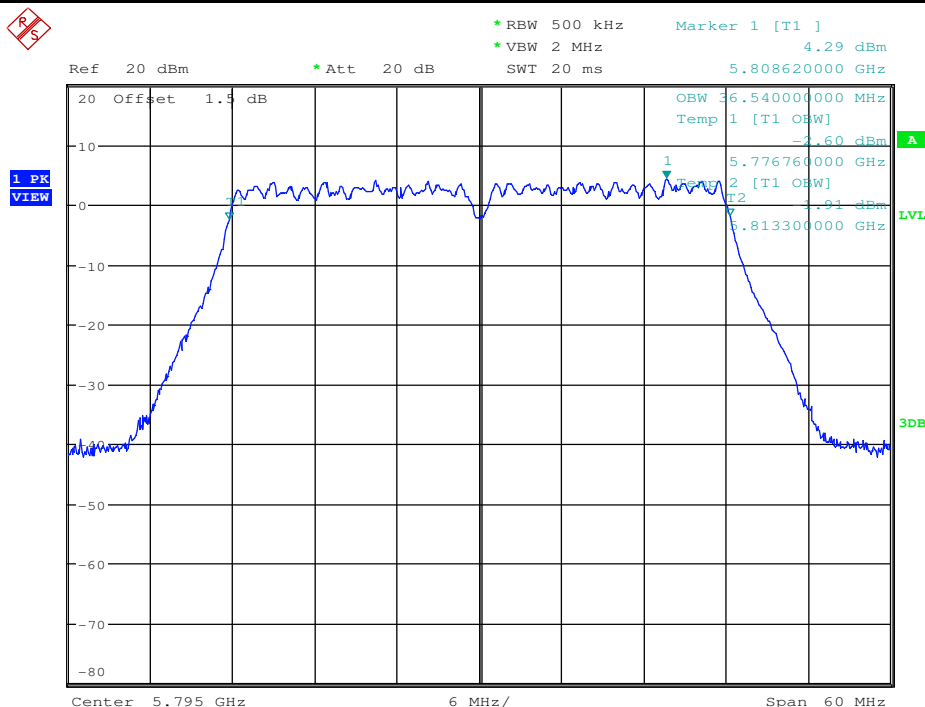
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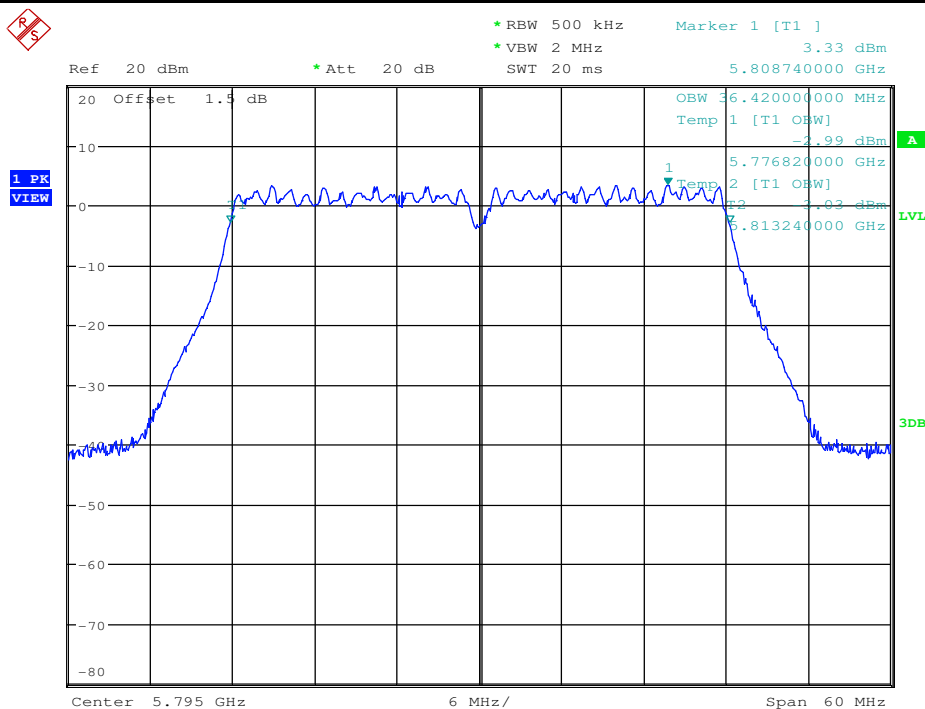
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Shenzhen Branch Testing Center / EC Laboratory.

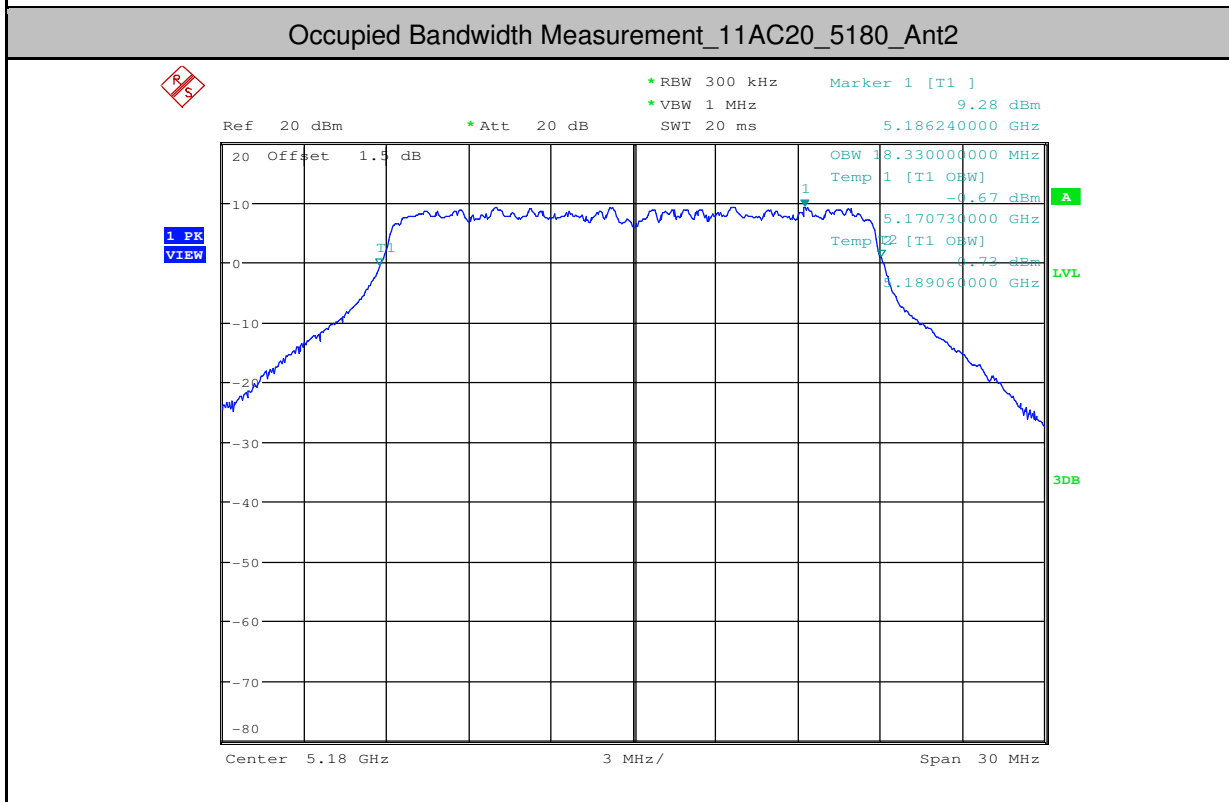
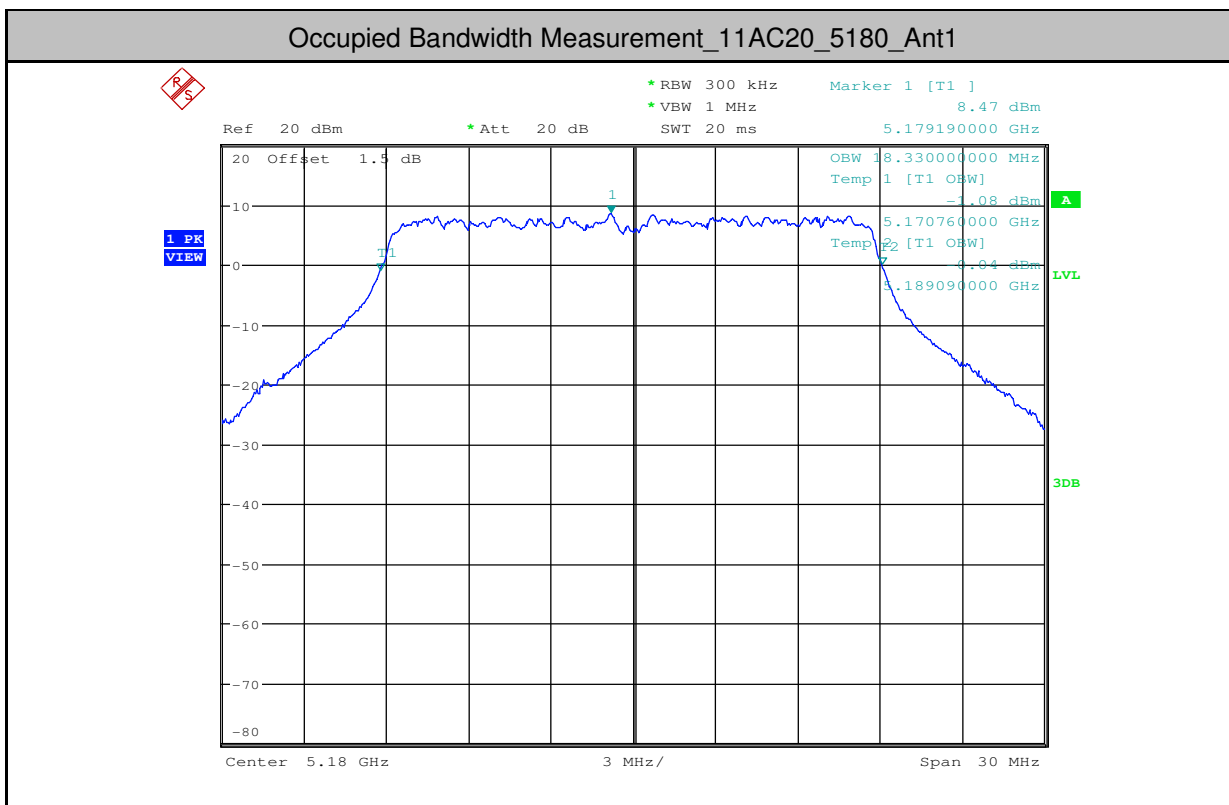
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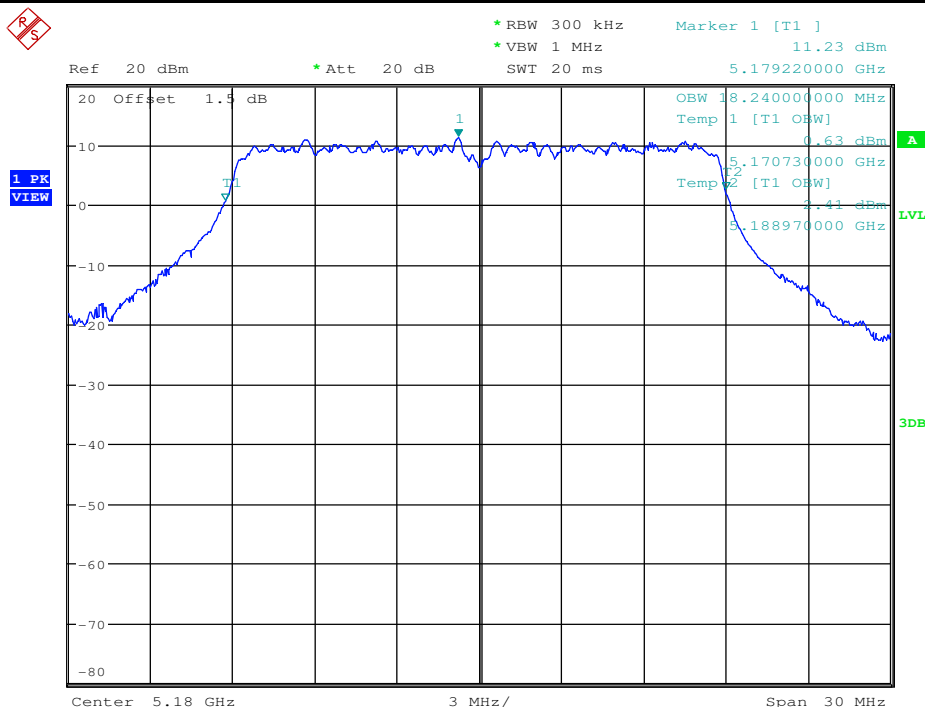


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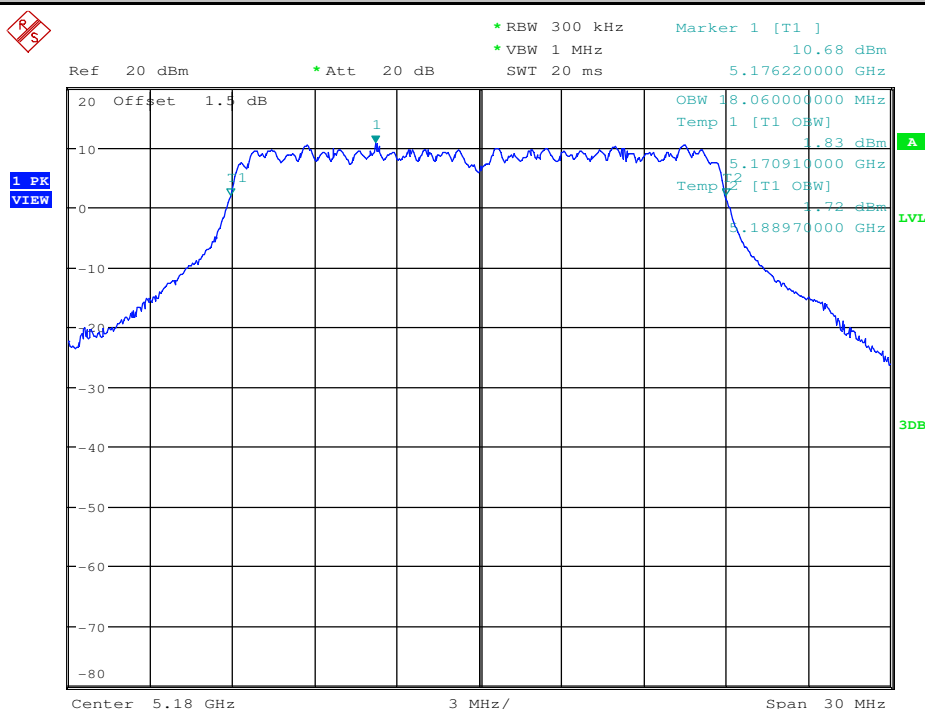


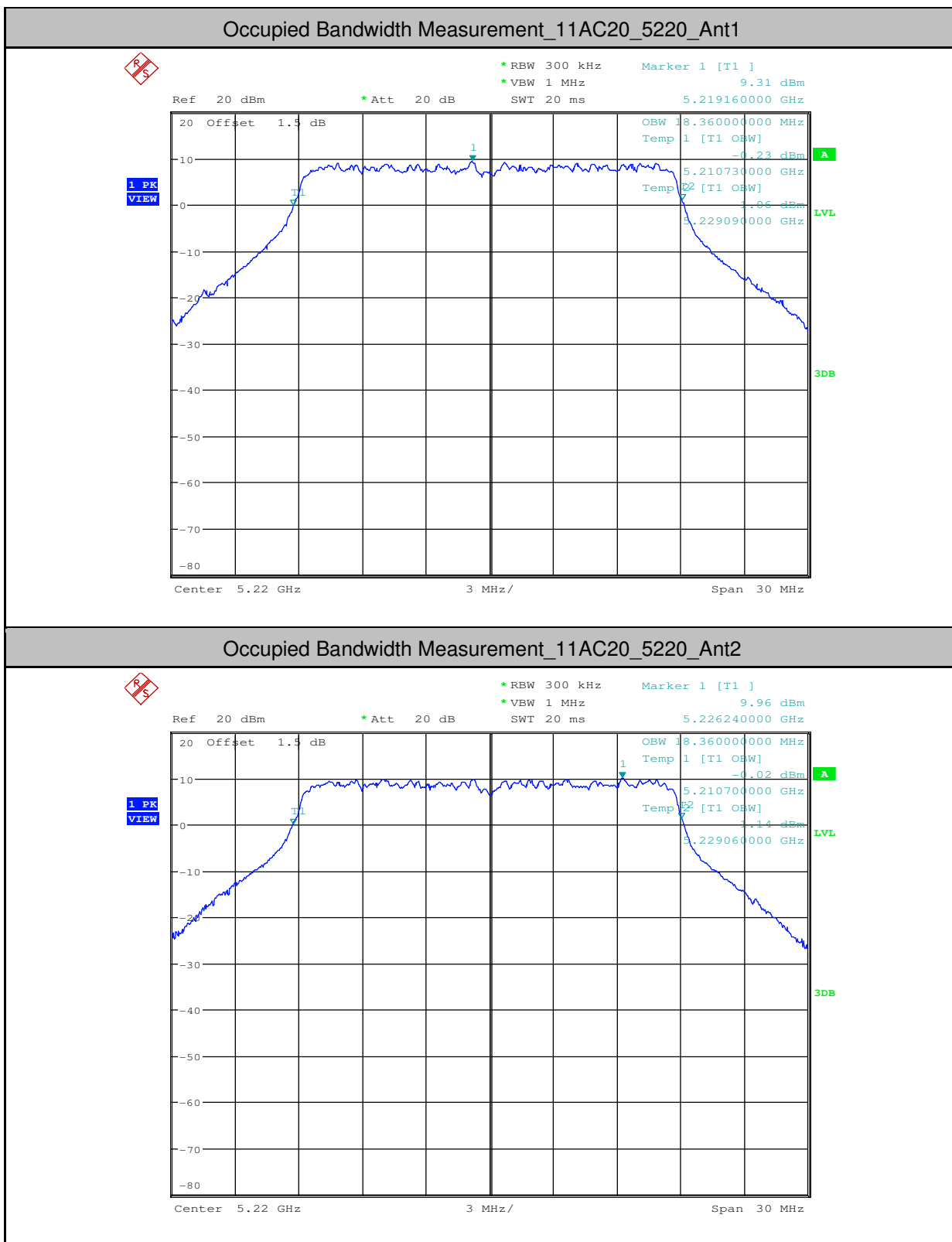


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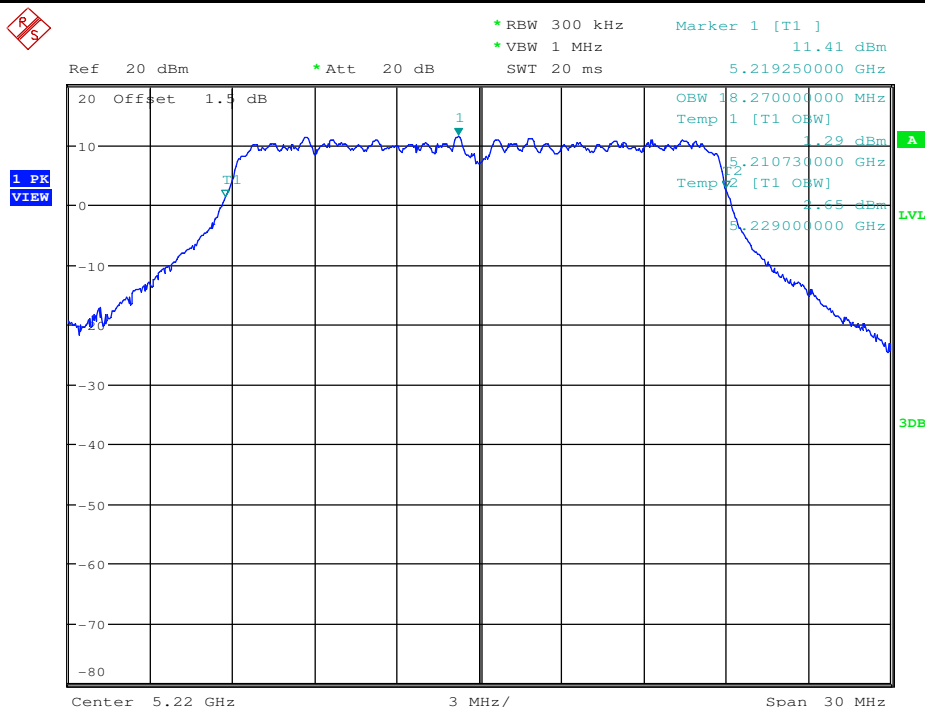


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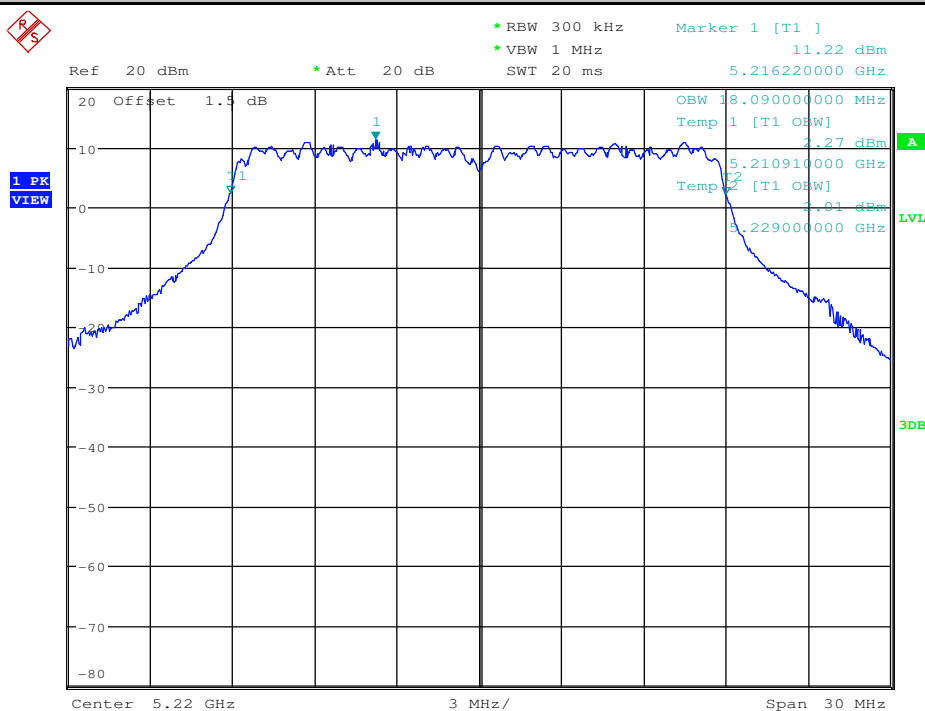




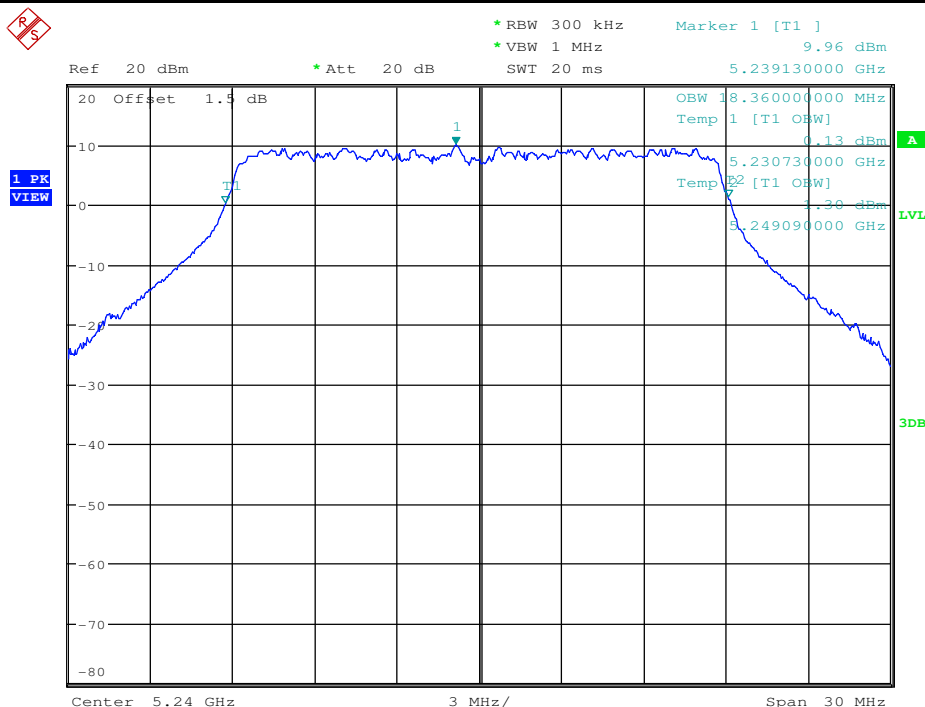
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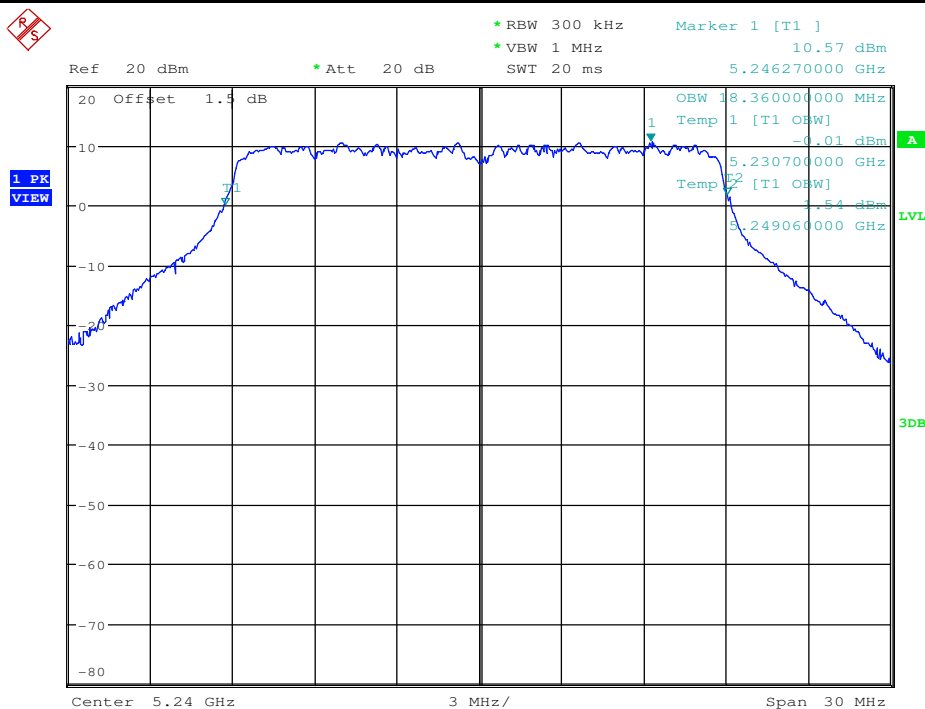
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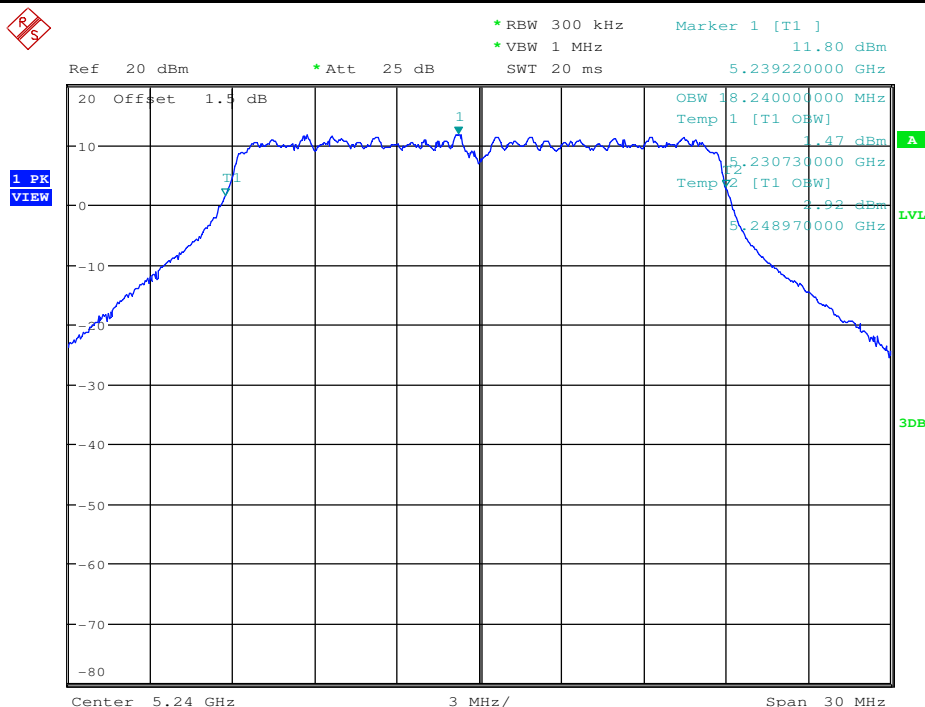
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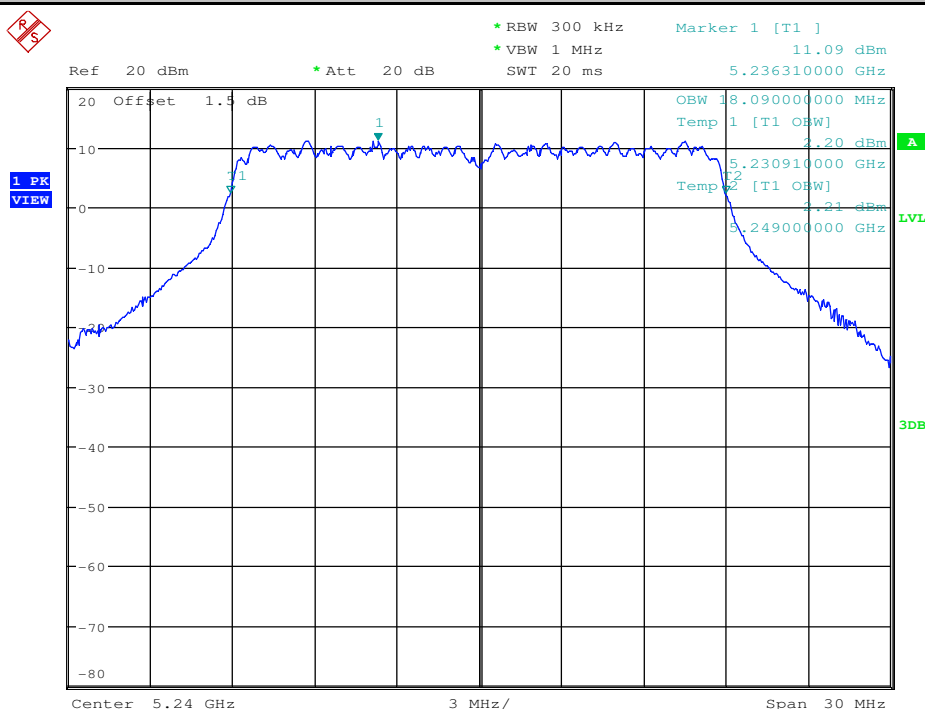
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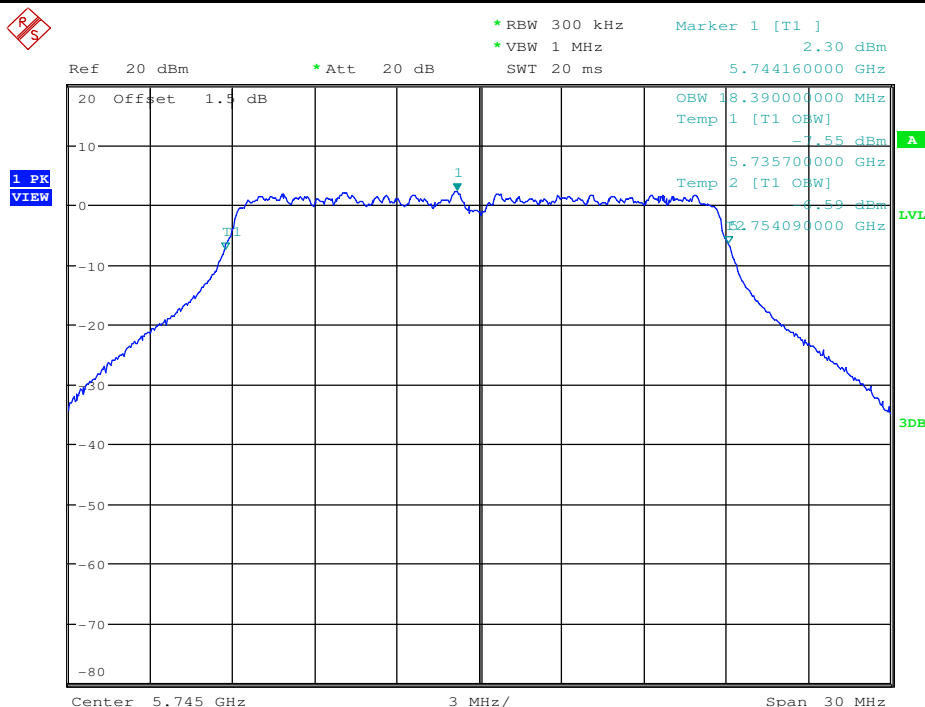
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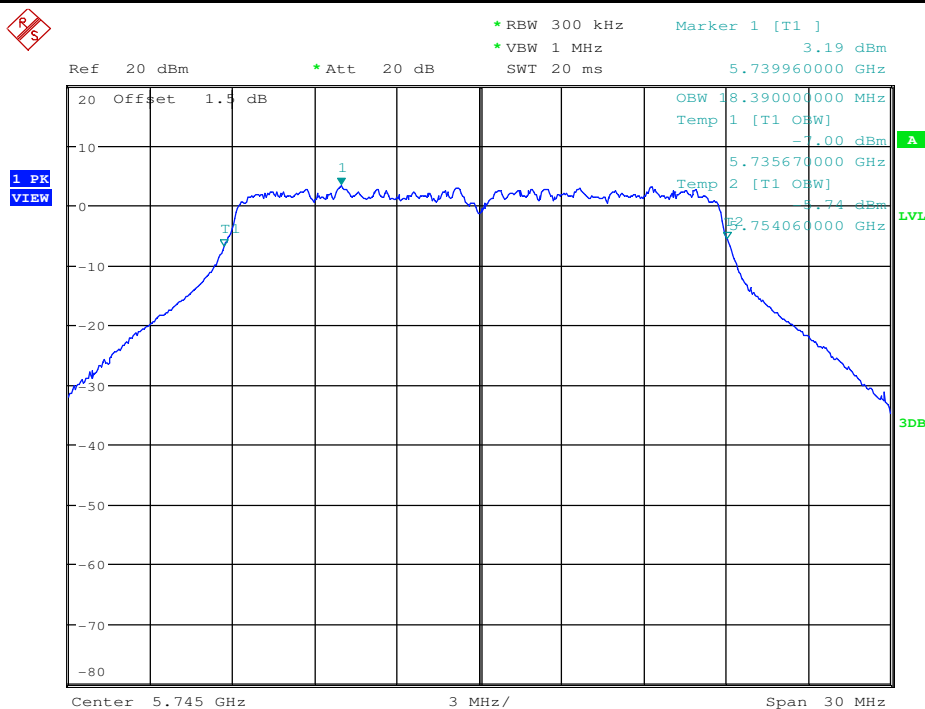
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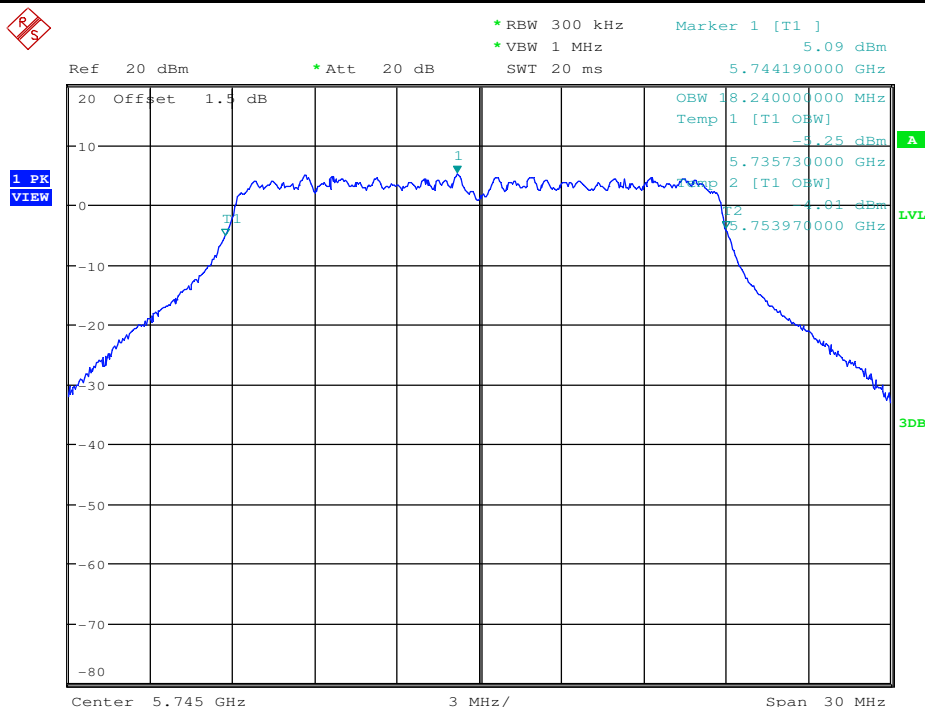
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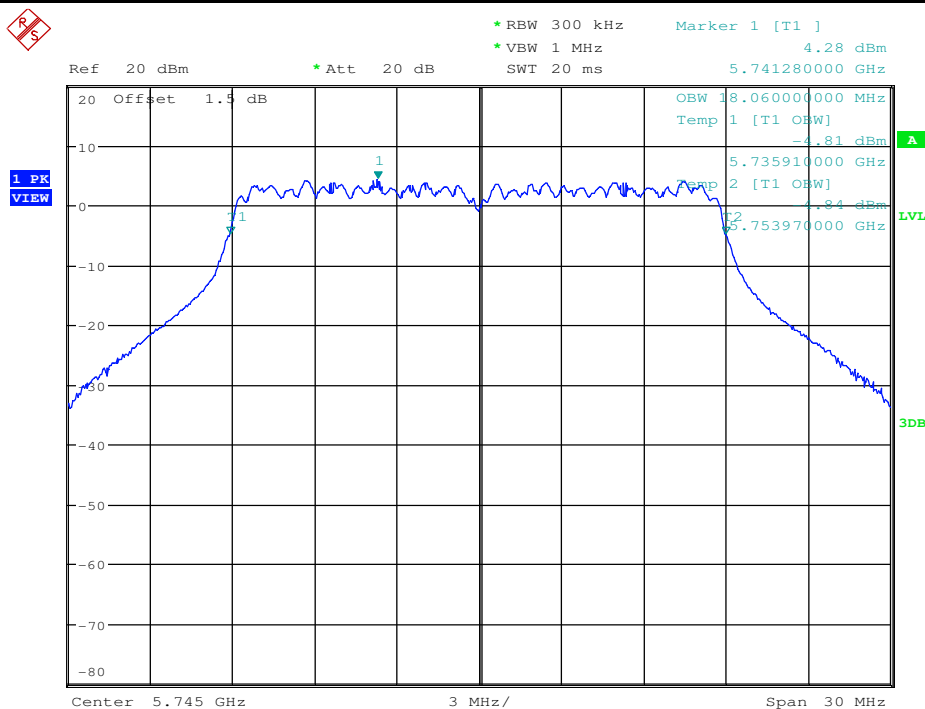
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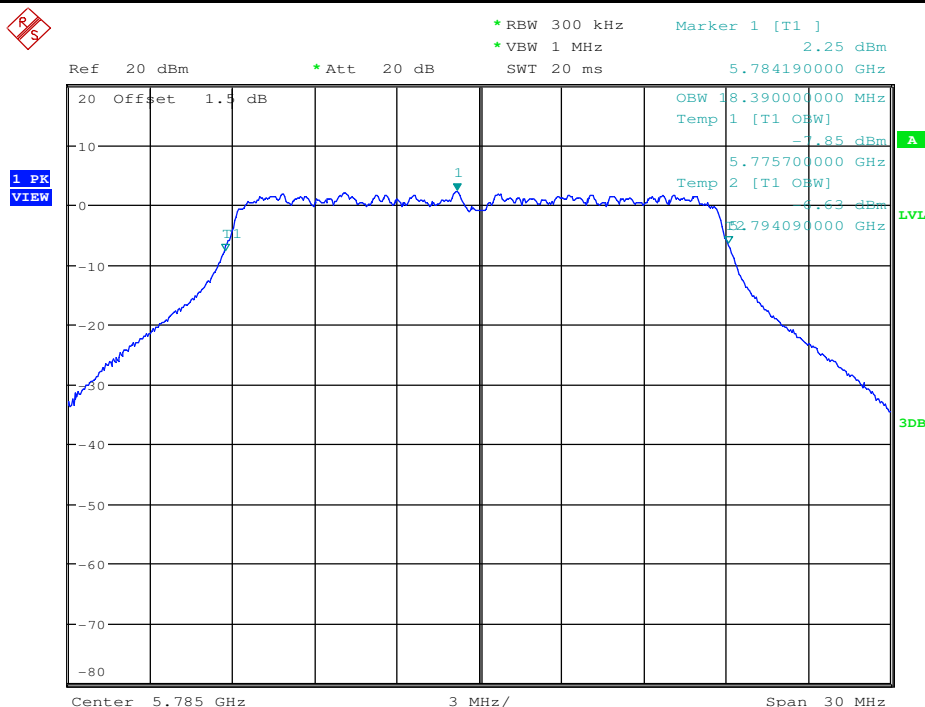
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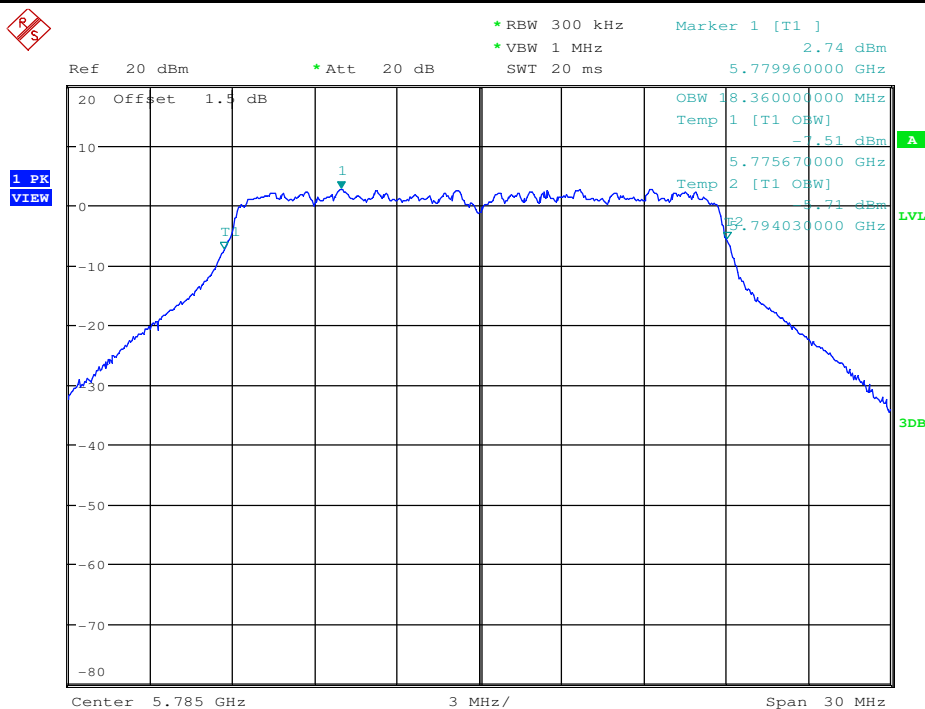
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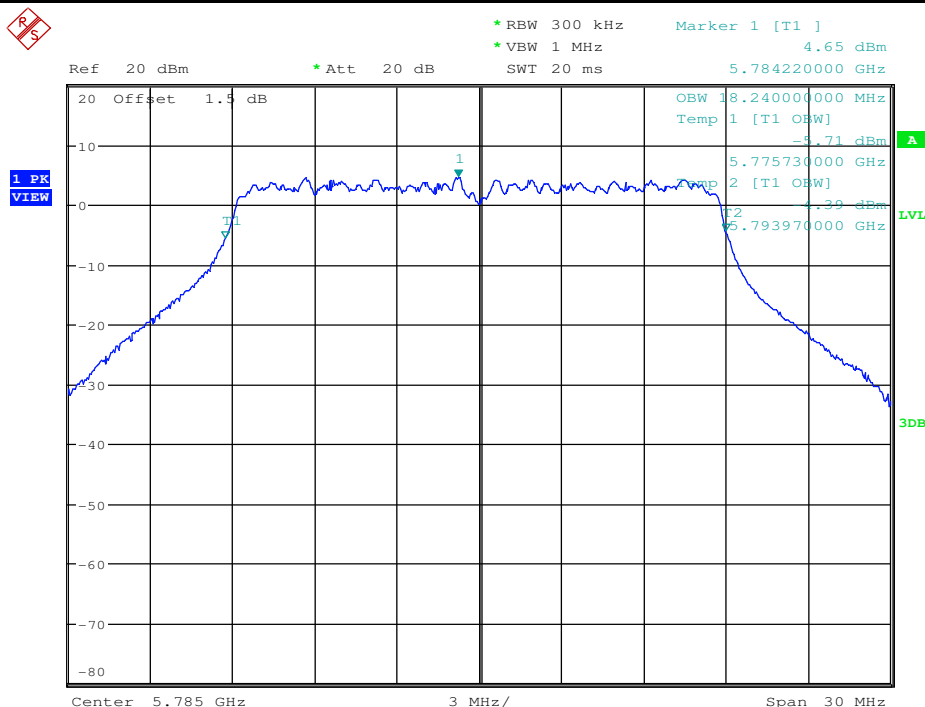
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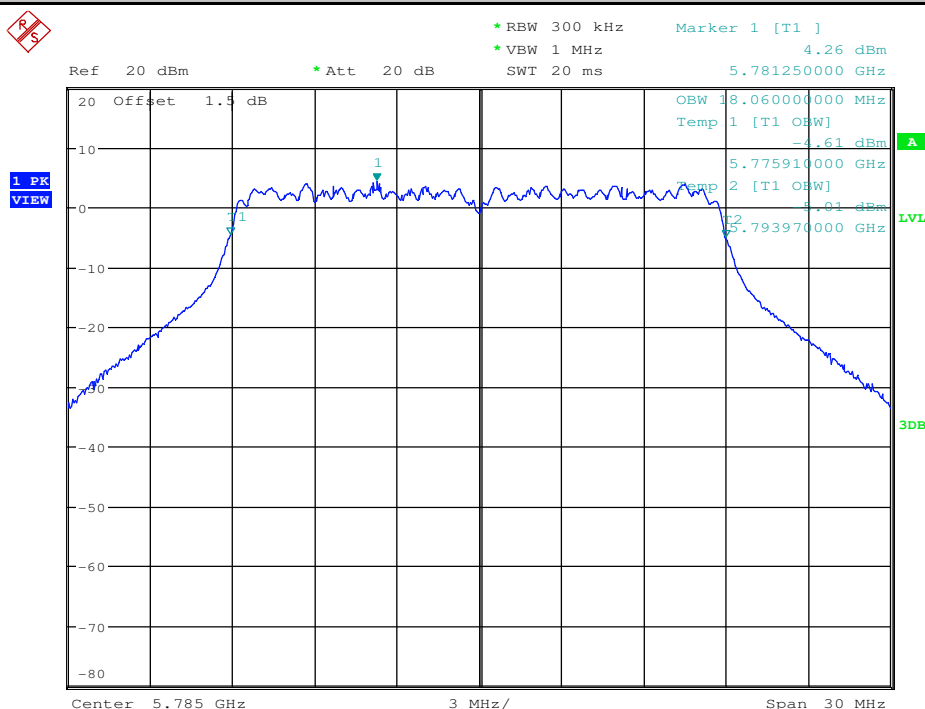
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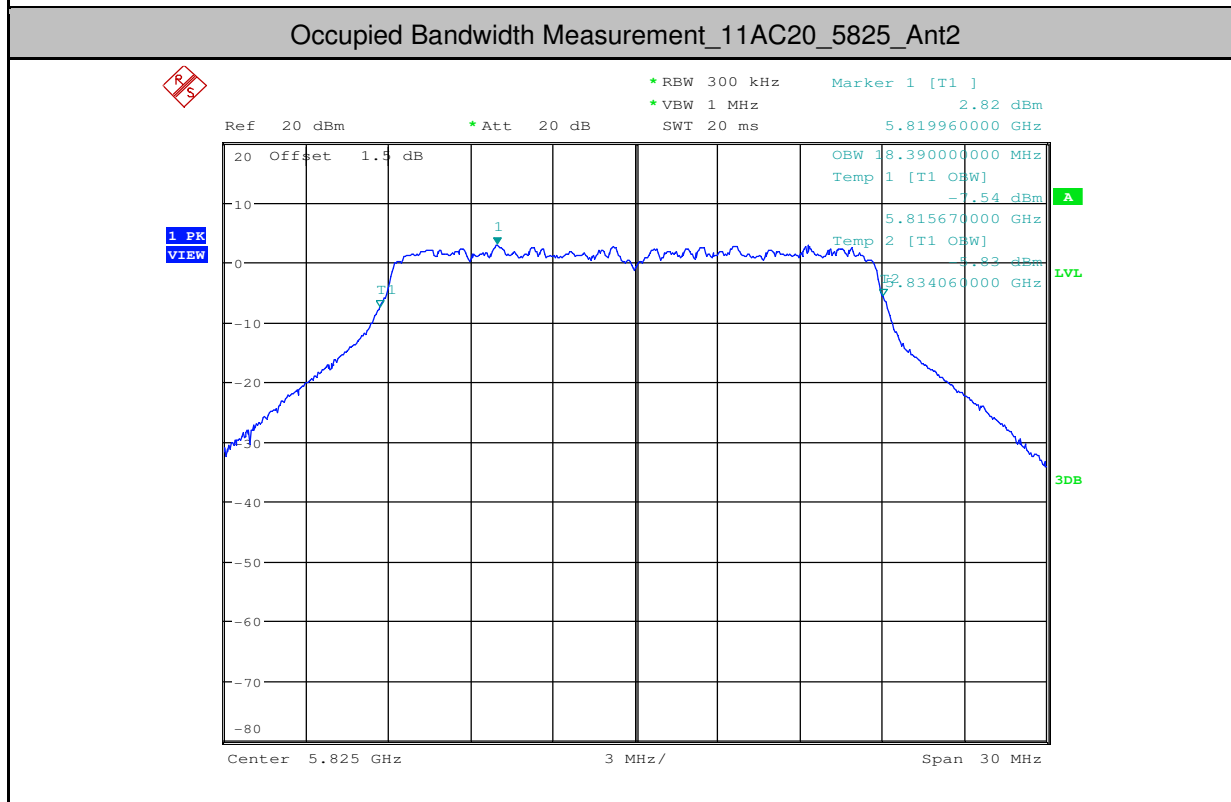
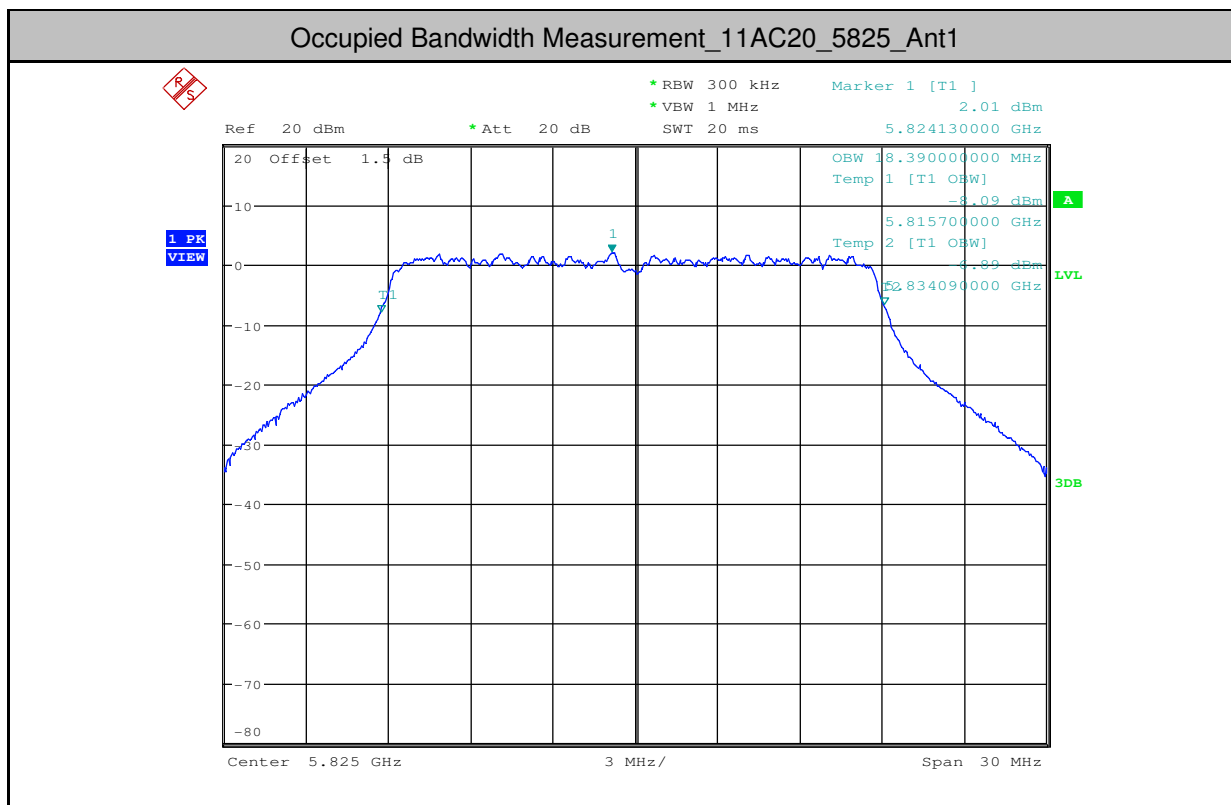


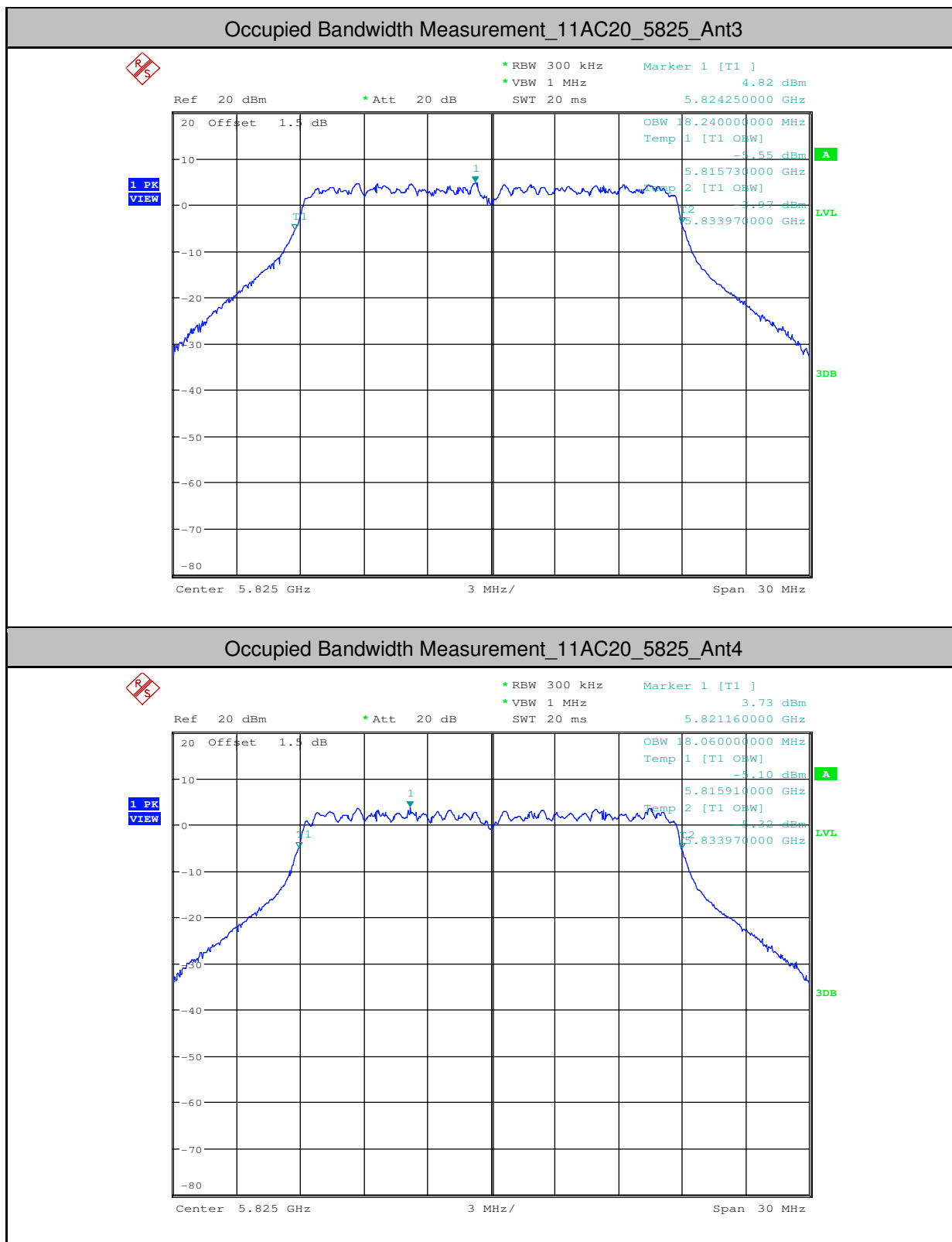
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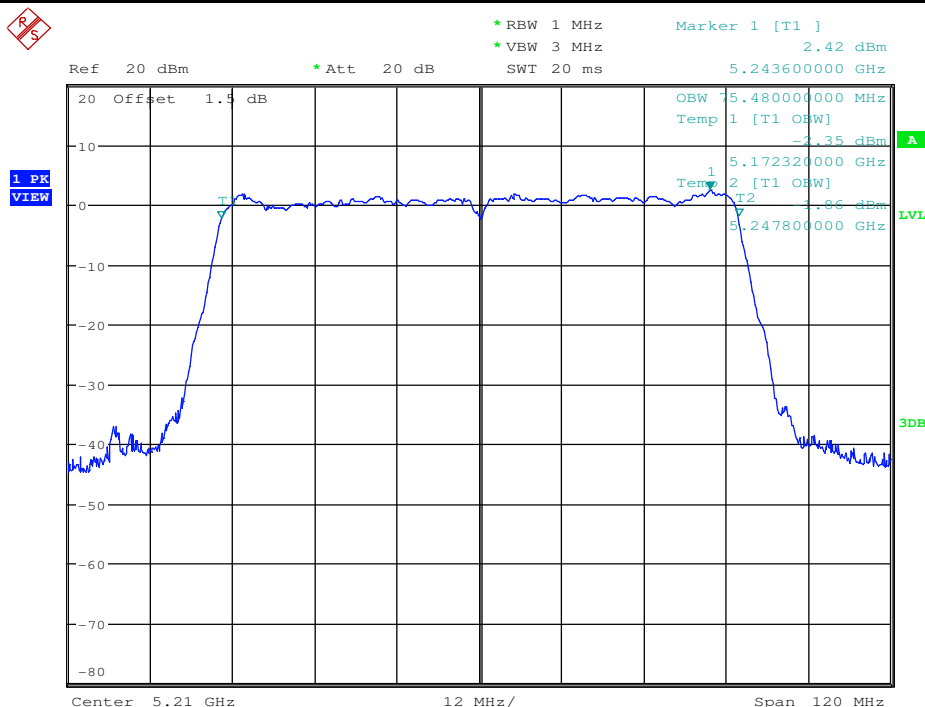
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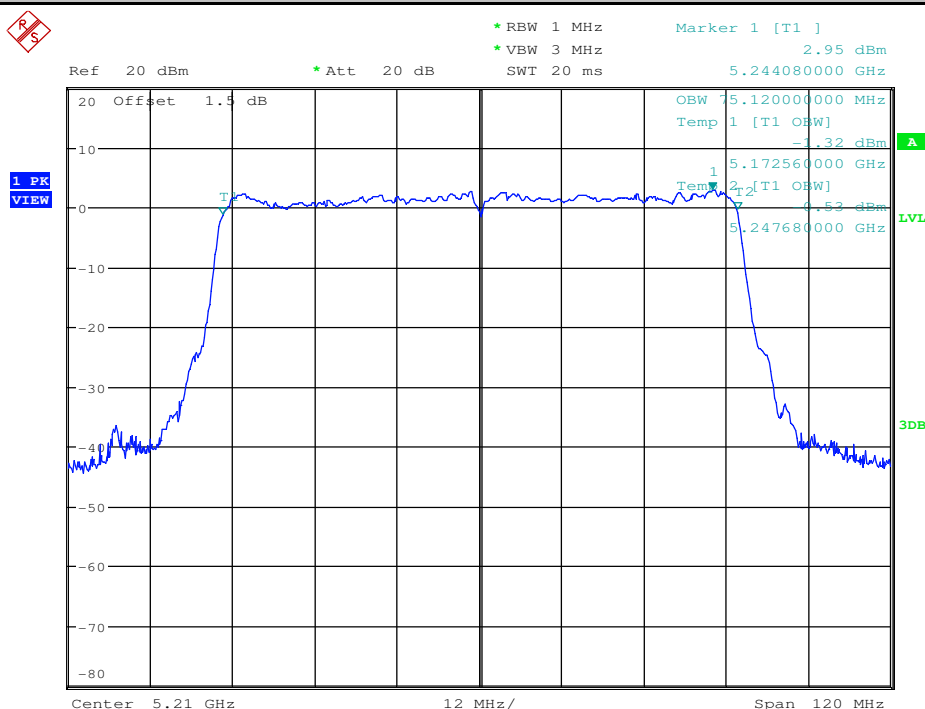




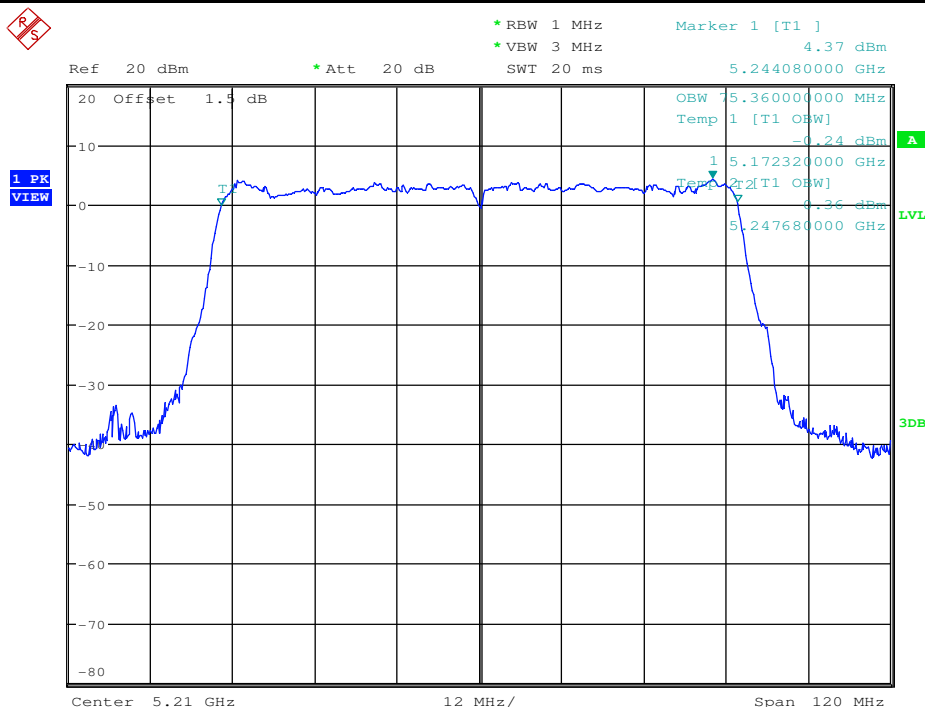
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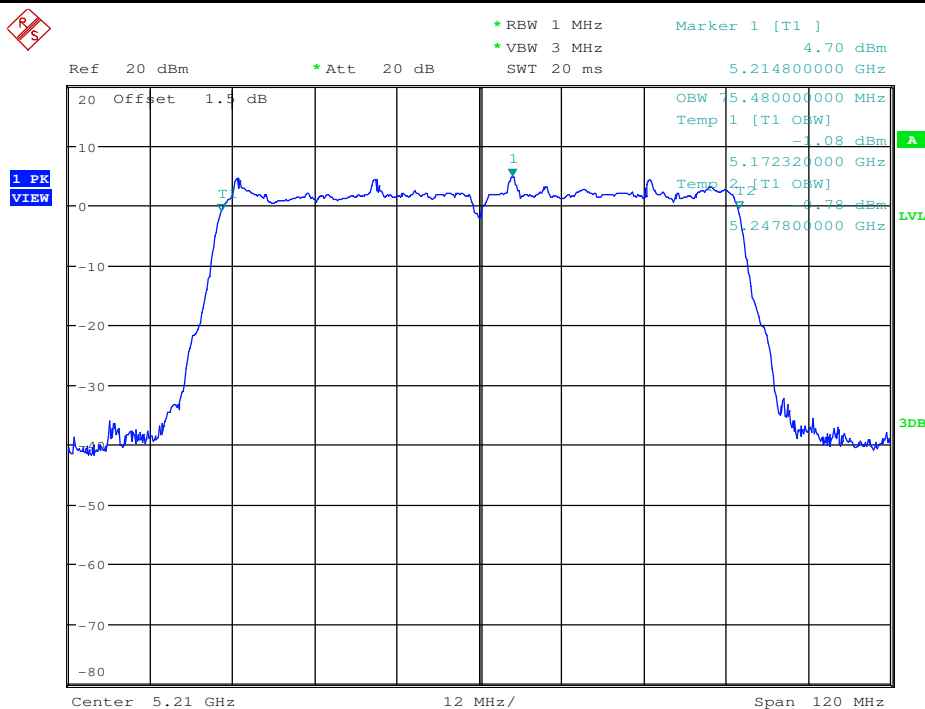
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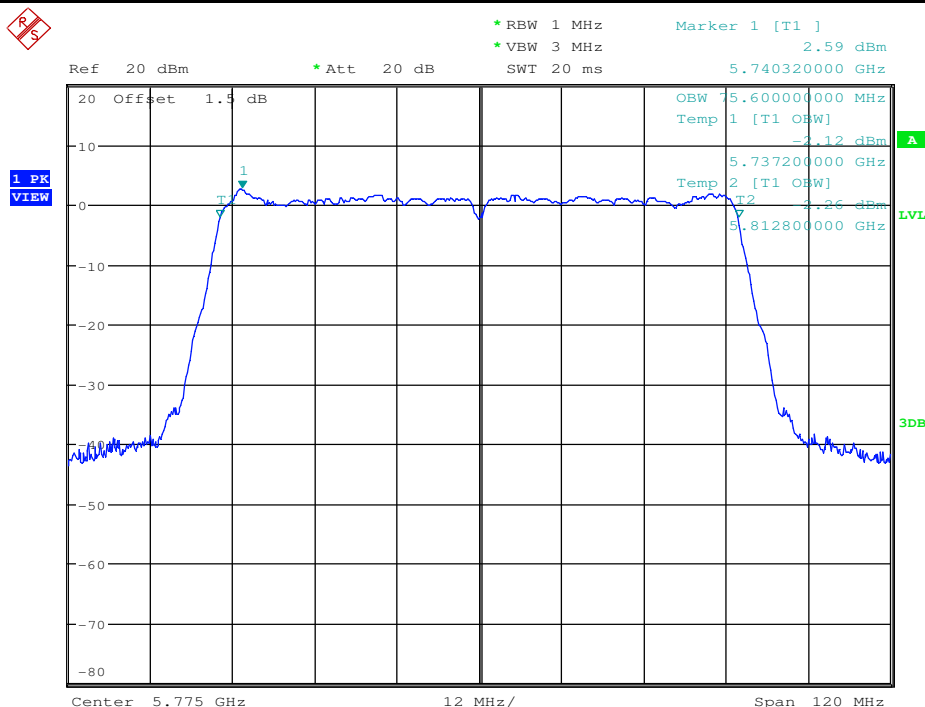
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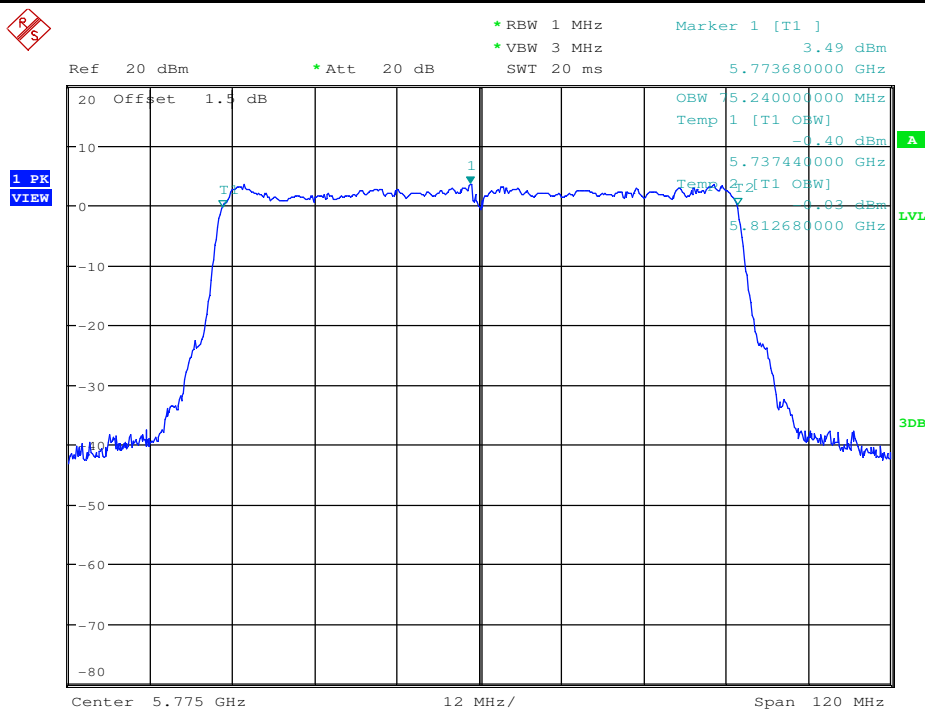
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Occupied Bandwidth Measurement_11AC80_5775_Ant1



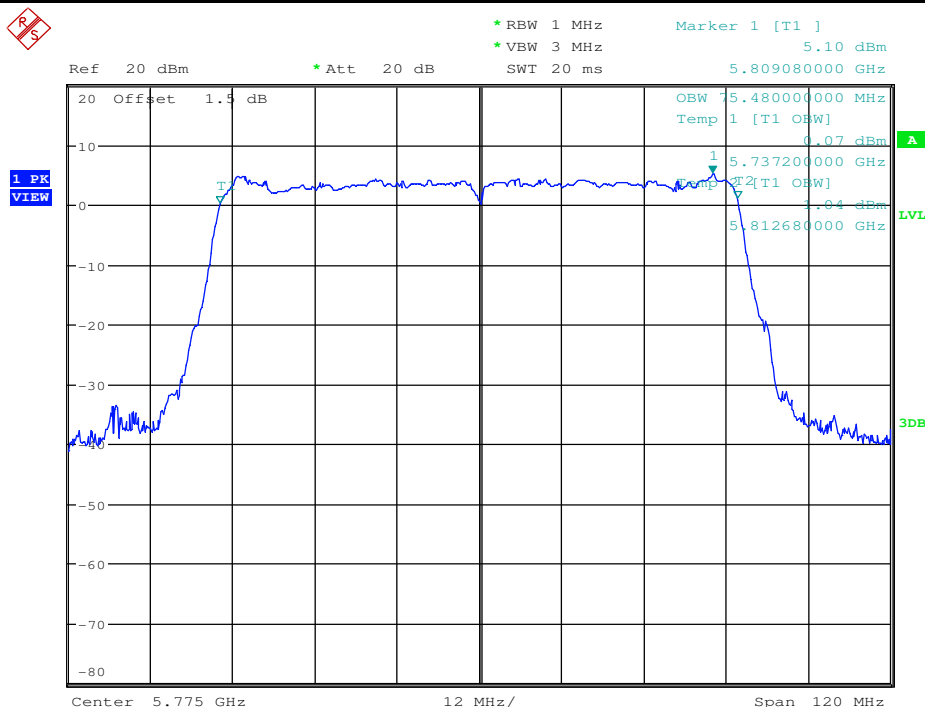
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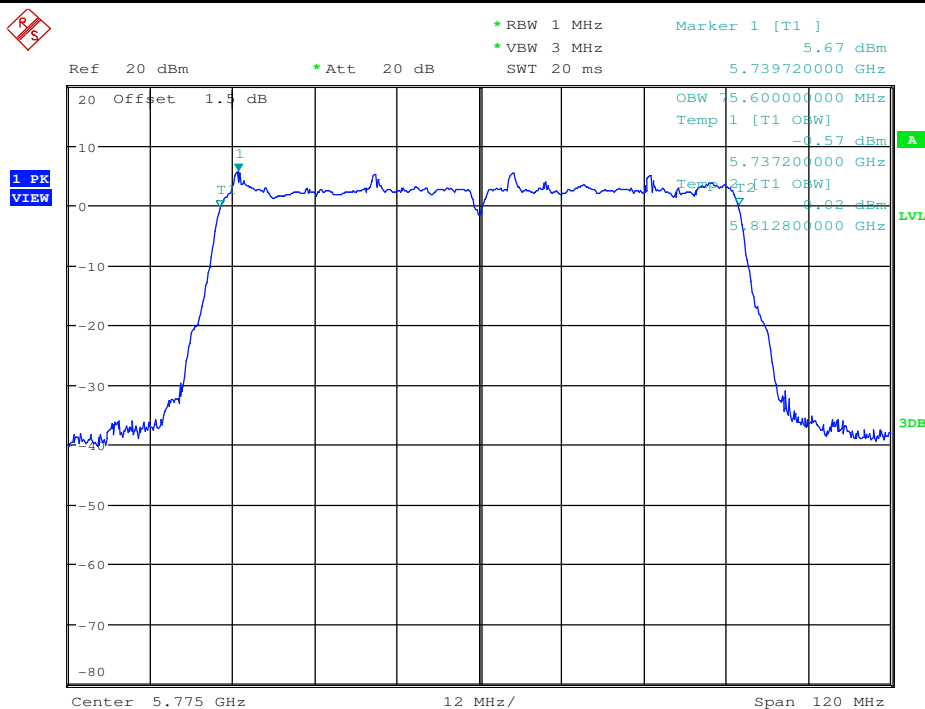
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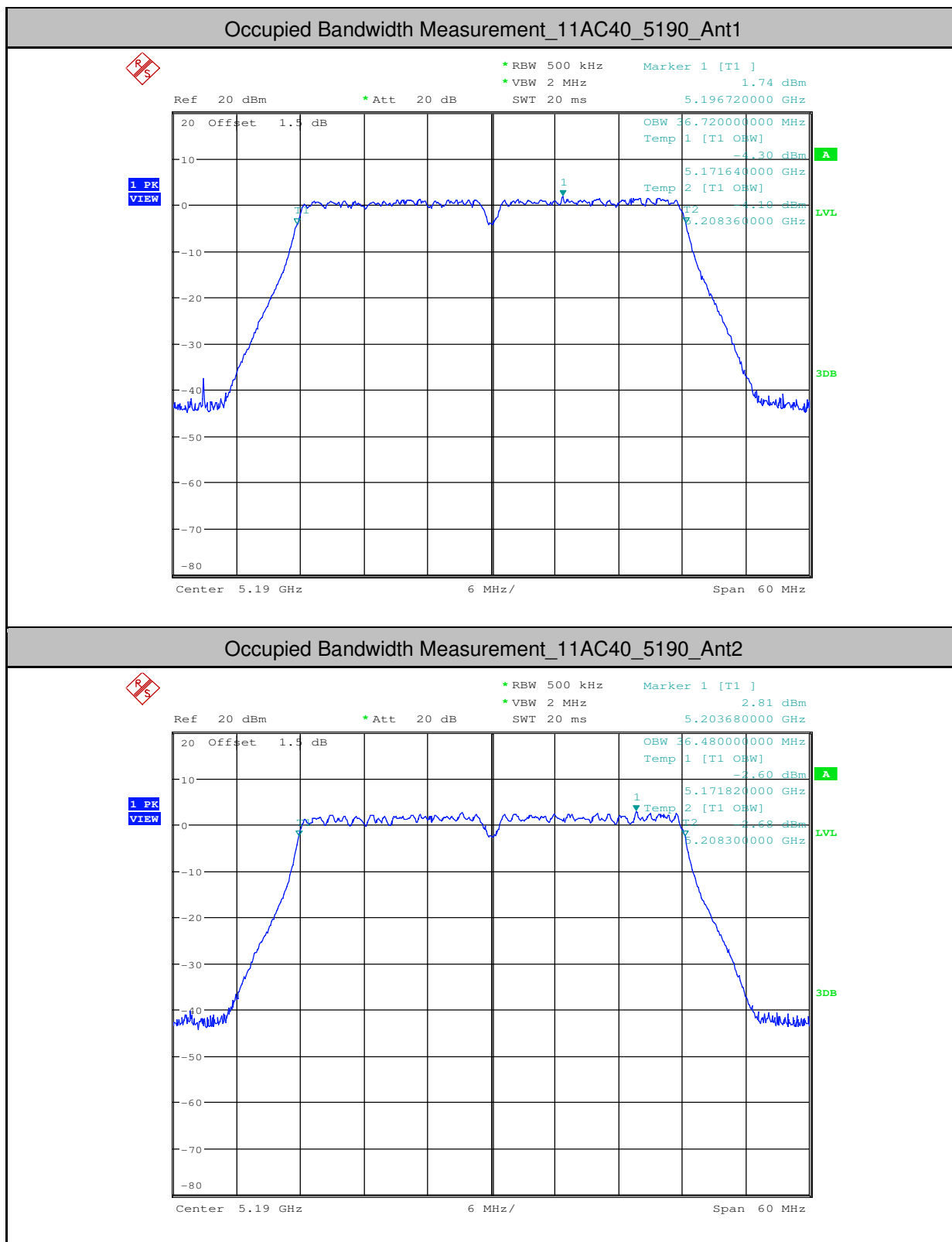
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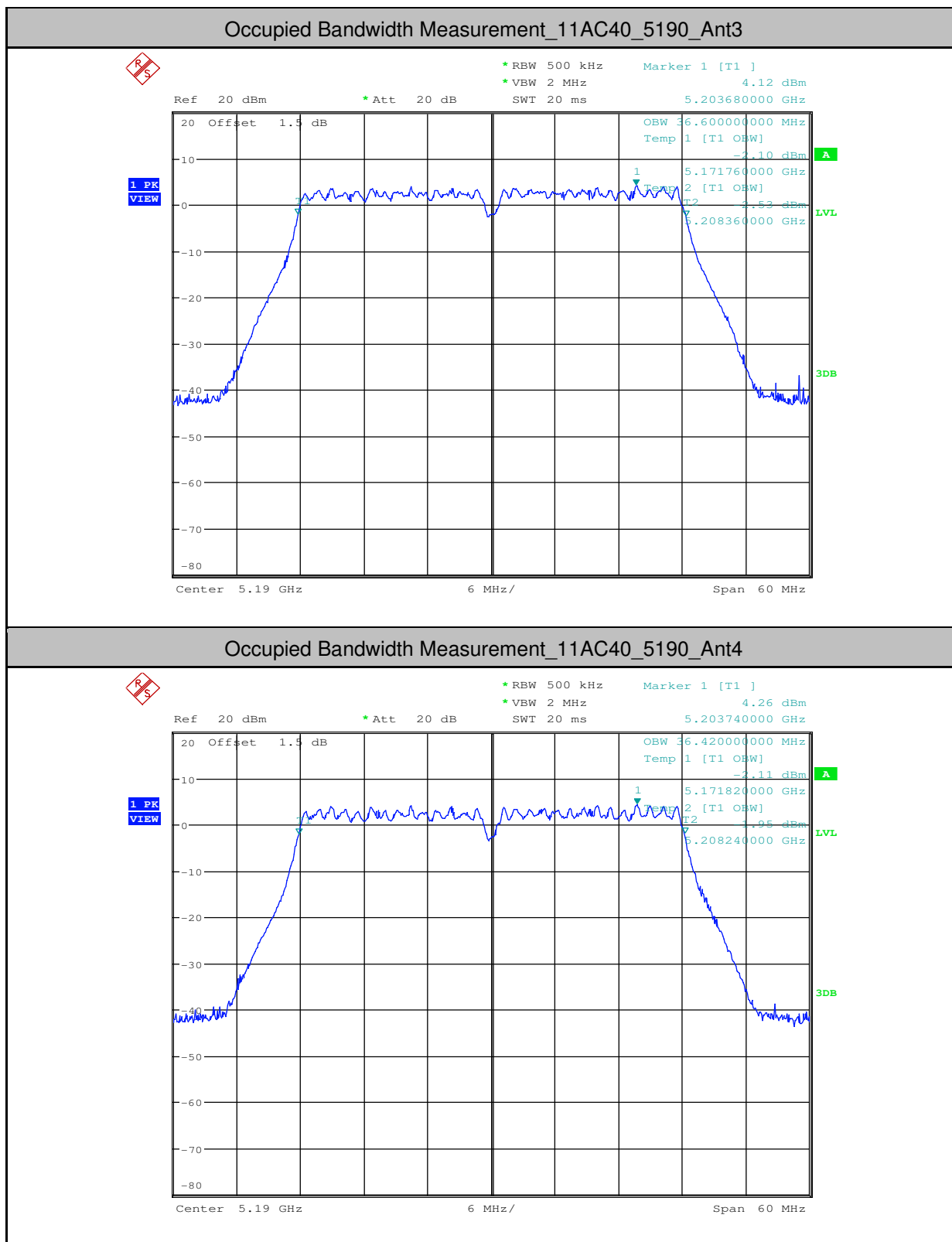
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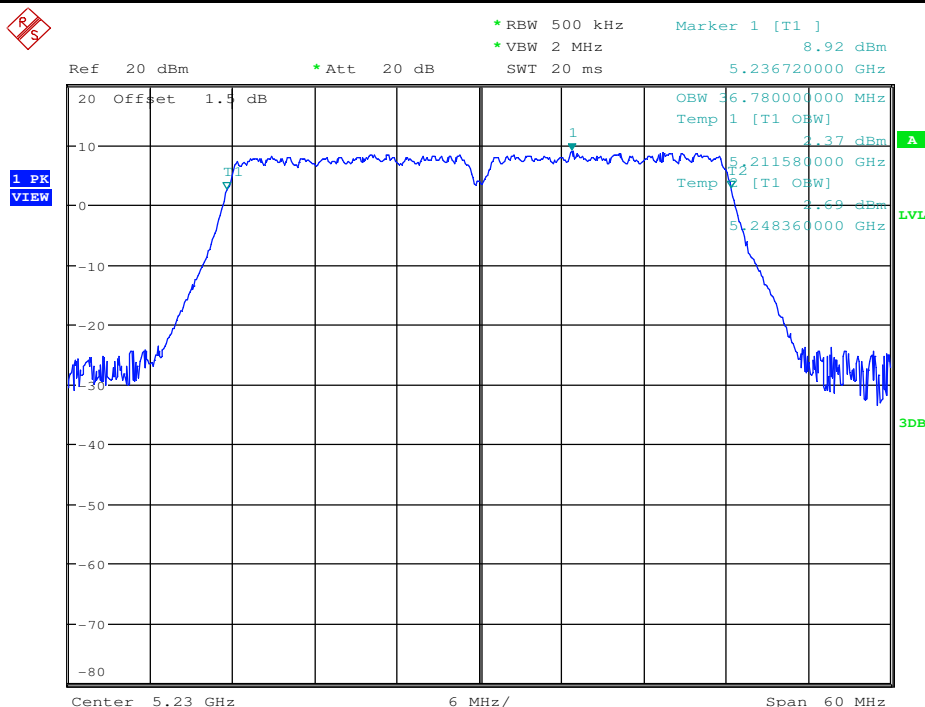
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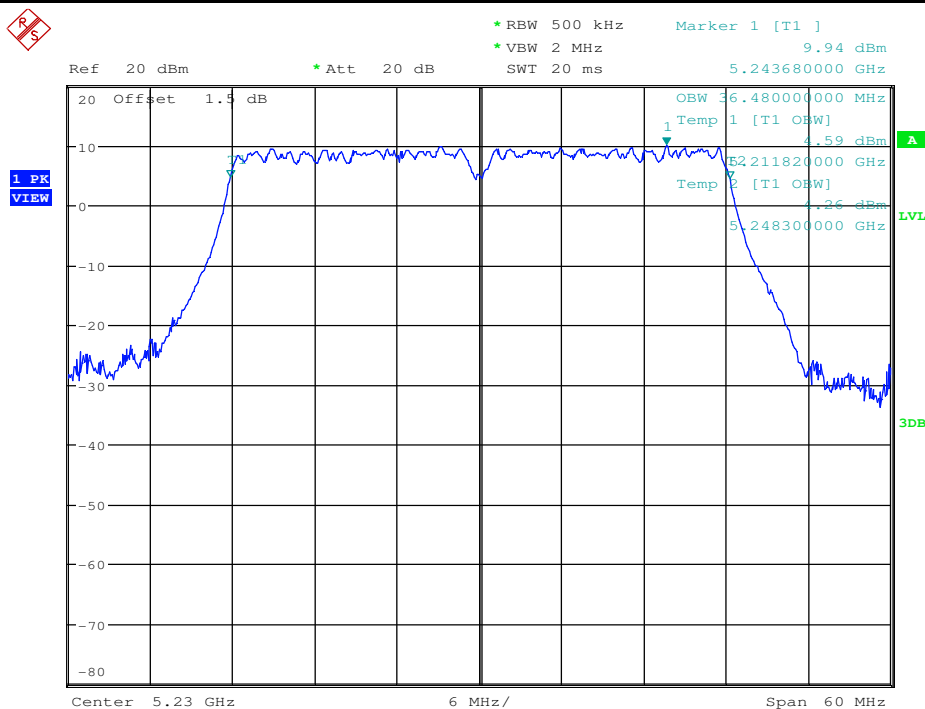




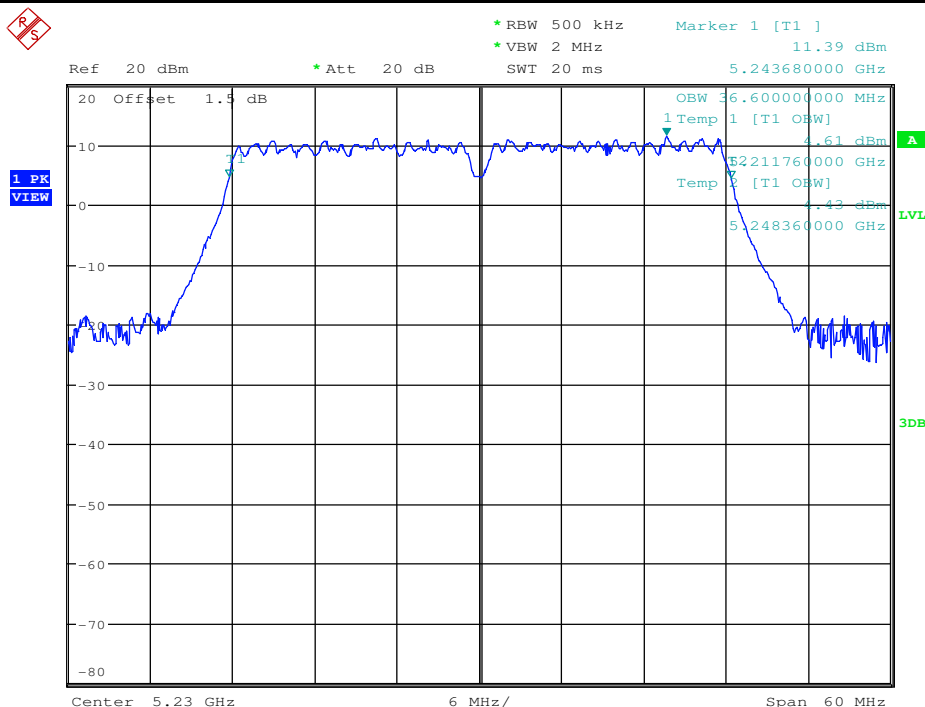
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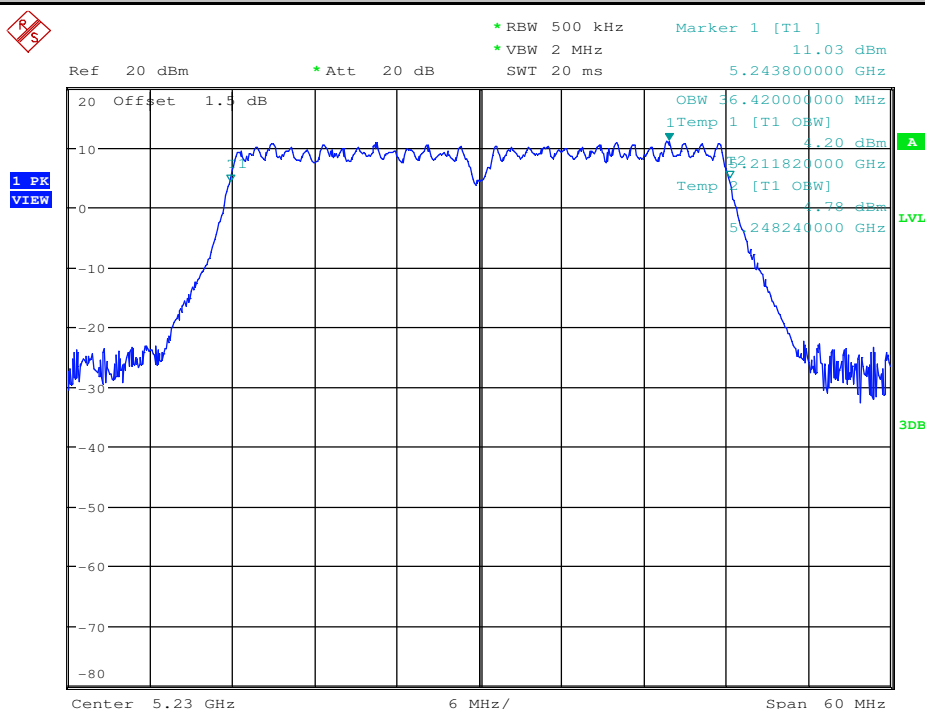
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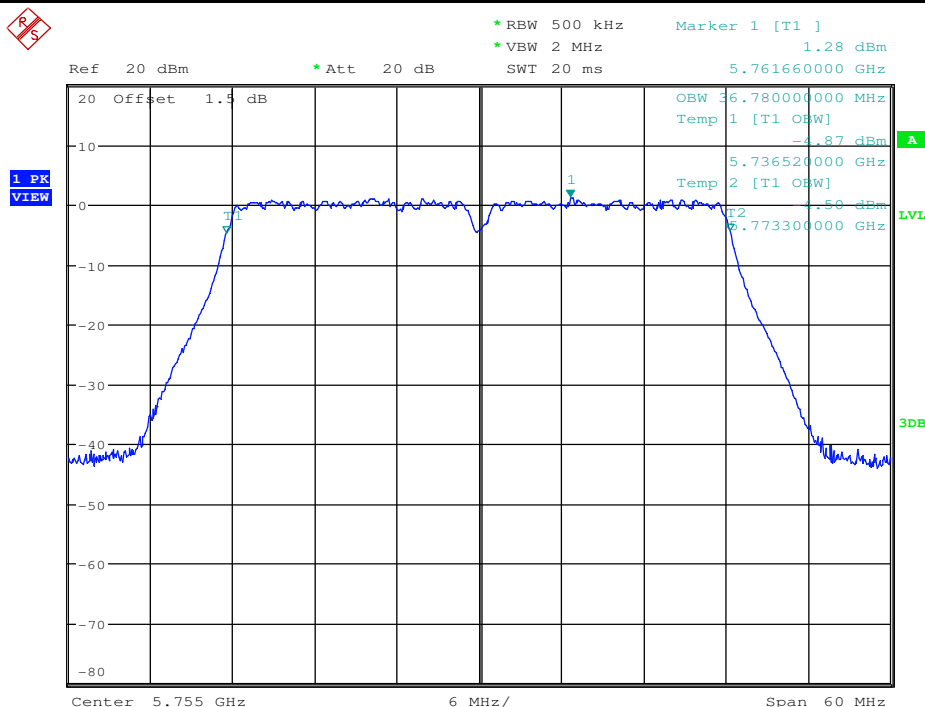
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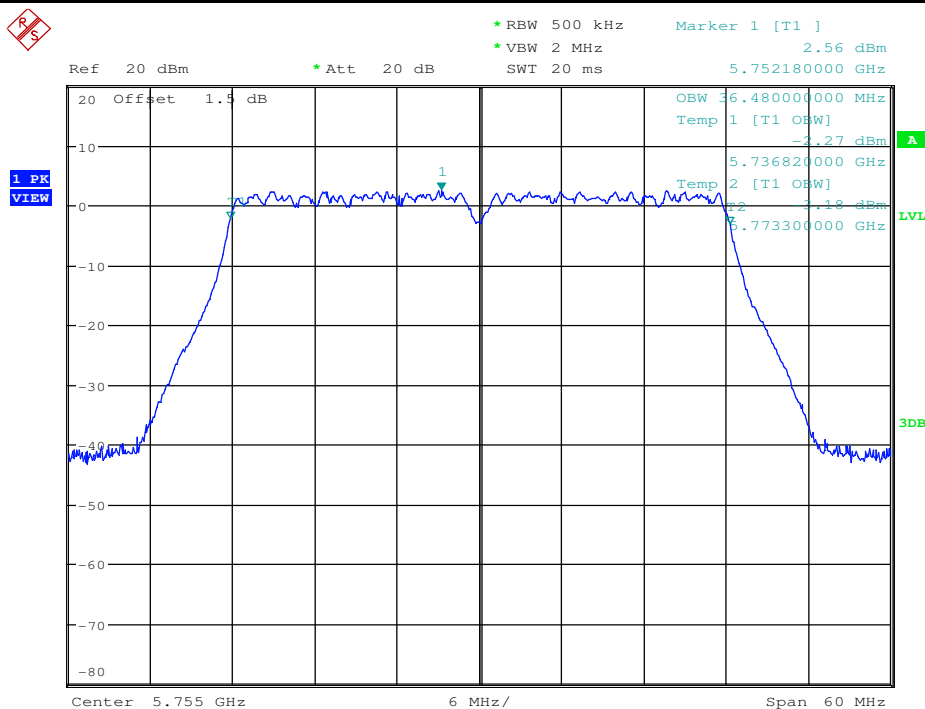
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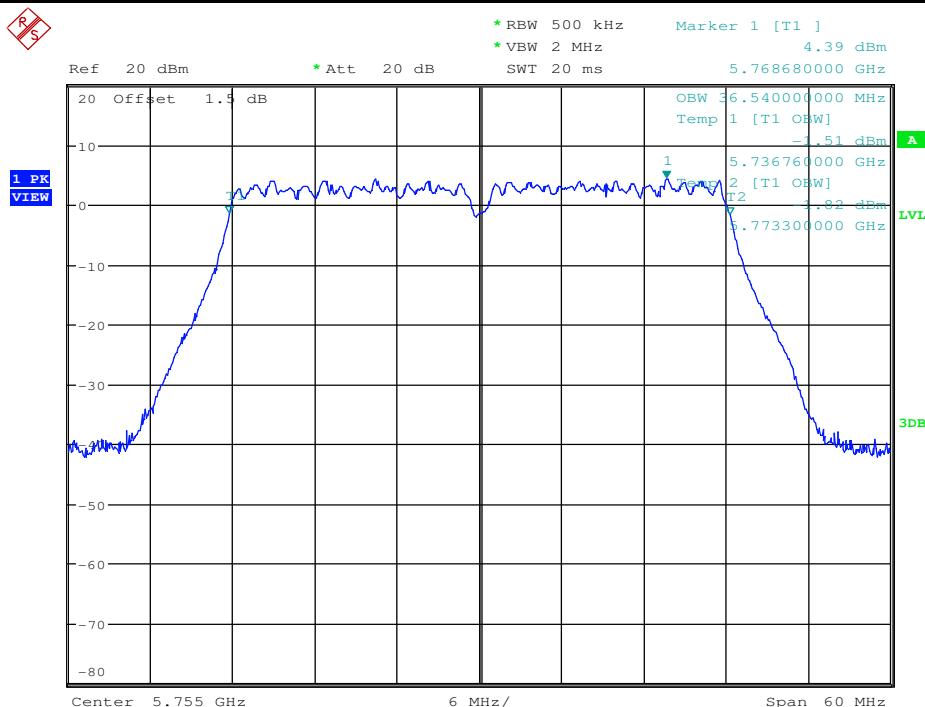
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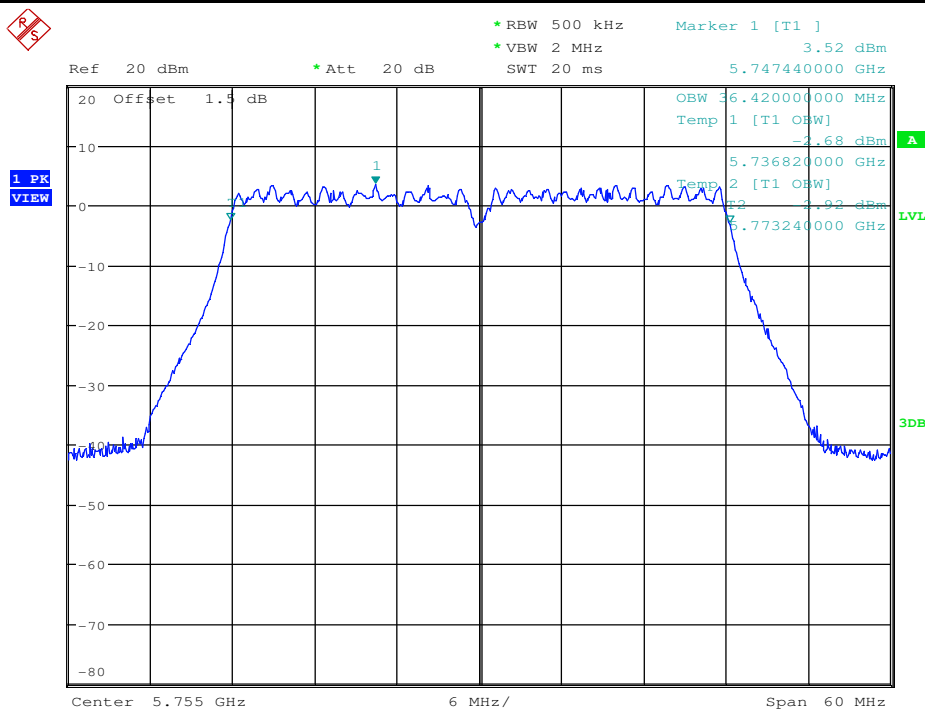
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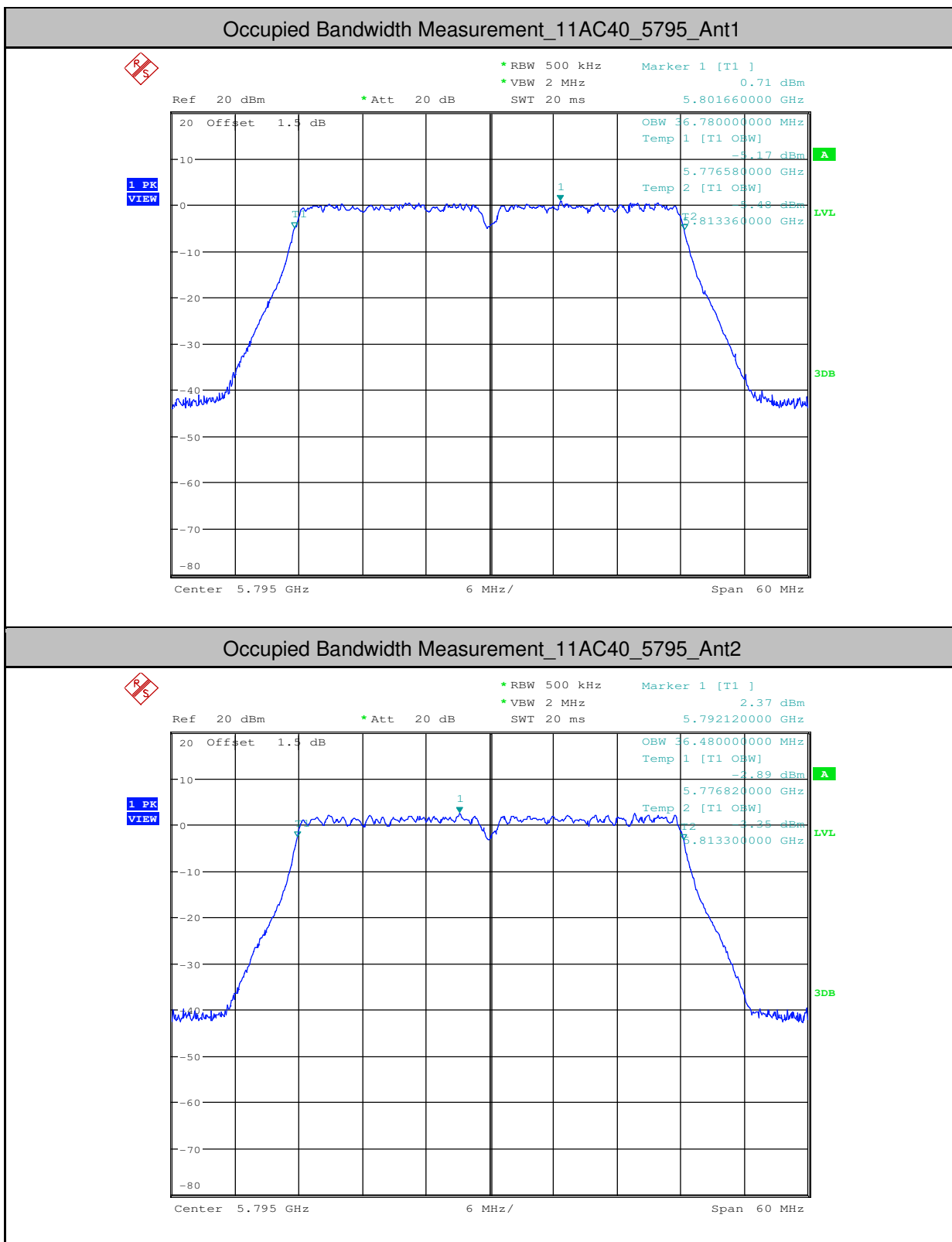


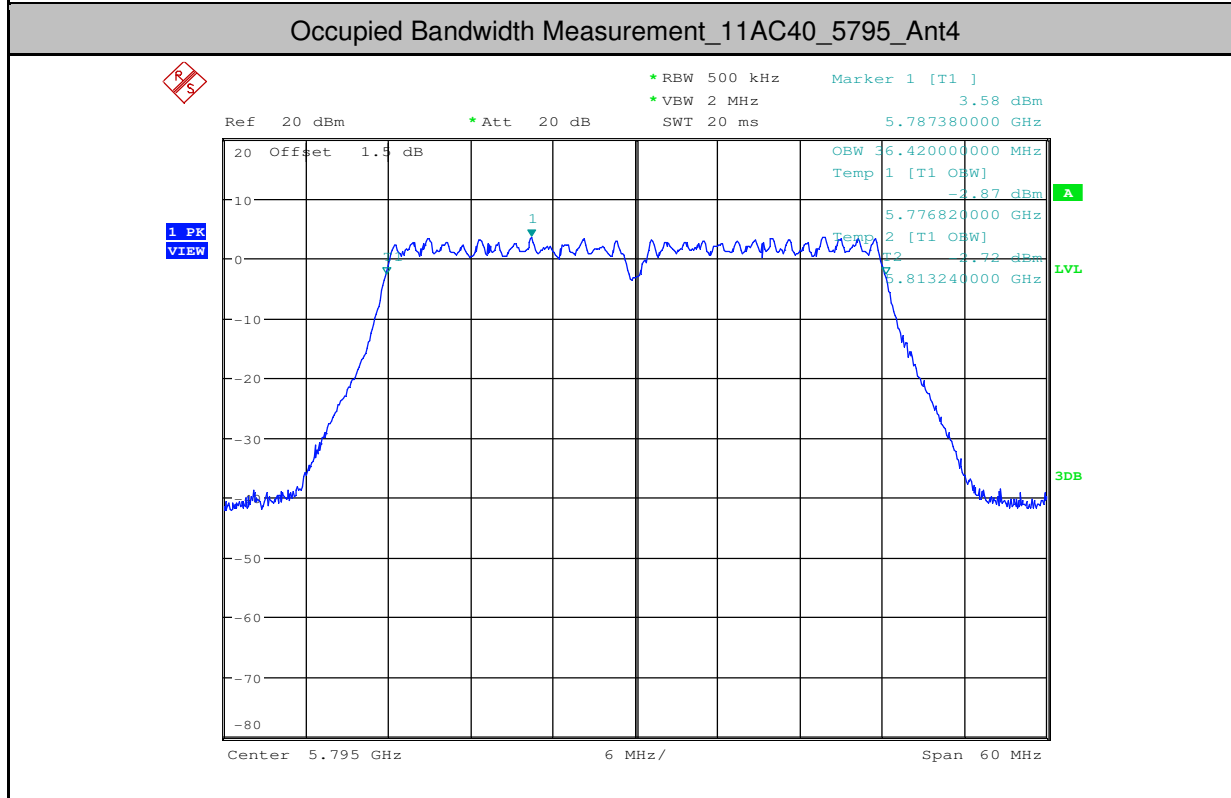
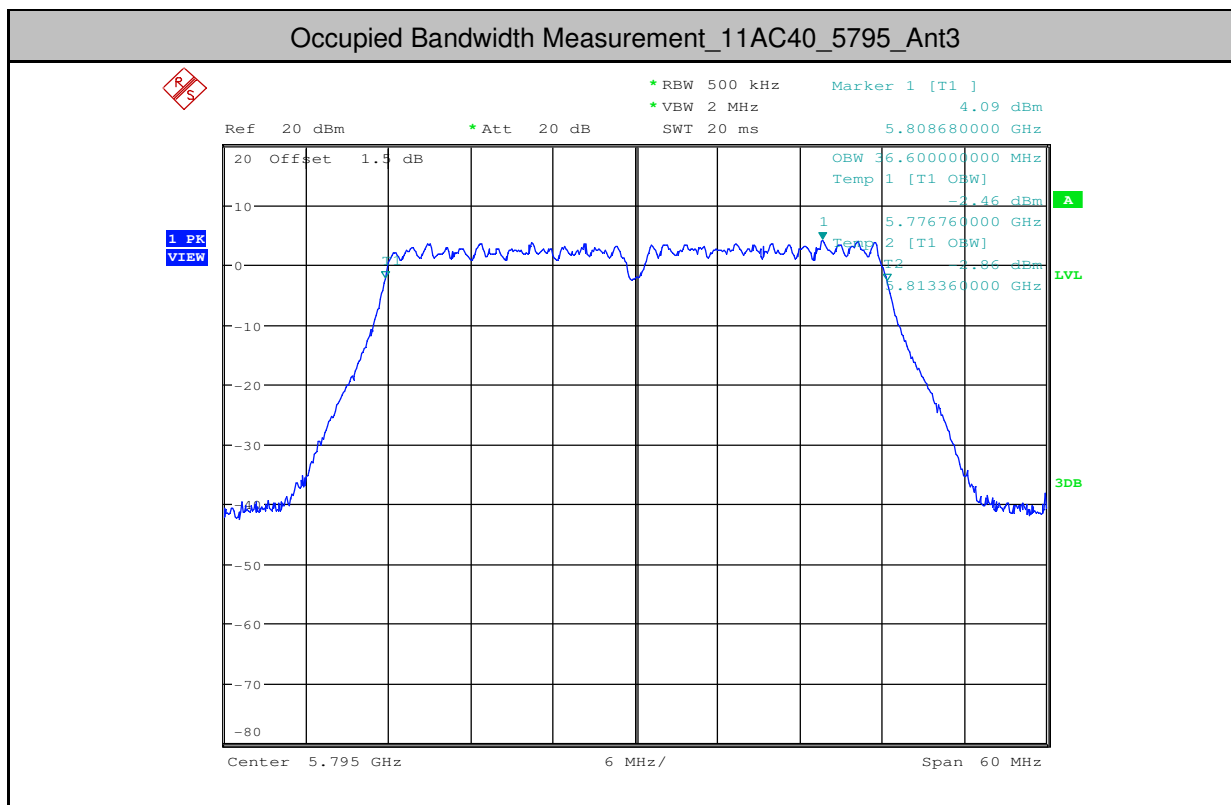
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3.Maximum Conduct Output Power

Test Mode	Test Channel	Ant	Power Setting	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	18	16.73	0.44	17.17	≤30	PASS
11A	5180	Ant2	18	17.13	0.88	18.01	≤30	PASS
11A	5180	Ant3	18	17.9	0.91	18.81	≤30	PASS
11A	5180	Ant4	18	17.51	0.95	18.46	≤30	PASS
11A	5220	Ant1	18	17.74	0.58	18.32	≤30	PASS
11A	5220	Ant2	18	17.92	0.37	18.29	≤30	PASS
11A	5220	Ant3	18	19.04	0.37	19.41	≤30	PASS
11A	5220	Ant4	18	18.85	0.37	19.22	≤30	PASS
11A	5240	Ant1	18	17.92	0.44	18.36	≤30	PASS
11A	5240	Ant2	18	18.02	0.48	18.50	≤30	PASS
11A	5240	Ant3	18	19.33	0.58	19.91	≤30	PASS
11A	5240	Ant4	18	18.87	0.37	19.24	≤30	PASS
11A	5745	Ant1	11	10.21	0.58	10.79	≤30	PASS
11A	5745	Ant2	11	10.92	0.55	11.47	≤30	PASS
11A	5745	Ant3	11	12.62	0.51	13.13	≤30	PASS
11A	5745	Ant4	11	11.4	0.41	11.81	≤30	PASS
11A	5785	Ant1	11	10.3	0.51	10.81	≤30	PASS
11A	5785	Ant2	11	10.64	0.44	11.08	≤30	PASS
11A	5785	Ant3	11	12.07	0.44	12.51	≤30	PASS
11A	5785	Ant4	11	11.43	0.51	11.94	≤30	PASS
11A	5825	Ant1	11	10.22	0.44	10.66	≤30	PASS
11A	5825	Ant2	11	10.84	0.37	11.21	≤30	PASS
11A	5825	Ant3	11	12.4	0.55	12.95	≤30	PASS
11A	5825	Ant4	11	11.46	0.37	11.83	≤30	PASS
11N20	5180	Ant1	15	14.77	0.09	14.86	≤30	PASS
11N20	5180	Ant2	15	15.65	0.09	15.74	≤30	PASS
11N20	5180	Ant3	15	16.43	0.09	16.52	≤30	PASS
11N20	5180	Ant4	15	15.05	0.1	15.15	≤30	PASS
11N20	5220	Ant1	15	14.87	0.07	14.94	≤30	PASS



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11N20	5220	Ant2	15	15.68	0.07	15.75	≤30	PASS
11N20	5220	Ant3	15	16.61	0.07	16.68	≤30	PASS
11N20	5220	Ant4	15	15.53	0.07	15.60	≤30	PASS
11N20	5240	Ant1	15	15.08	0.07	15.15	≤30	PASS
11N20	5240	Ant2	15	16	0.09	16.09	≤30	PASS
11N20	5240	Ant3	15	16.83	0.07	16.90	≤30	PASS
11N20	5240	Ant4	15	15.73	0.07	15.80	≤30	PASS
11N20	5745	Ant1	11	9.93	0.09	10.02	≤30	PASS
11N20	5745	Ant2	11	11.45	0.07	11.52	≤30	PASS
11N20	5745	Ant3	11	12.97	0.07	13.04	≤30	PASS
11N20	5745	Ant4	11	11.62	0.07	11.69	≤30	PASS
11N20	5785	Ant1	11	10.39	0.09	10.48	≤30	PASS
11N20	5785	Ant2	11	11.12	0.09	11.21	≤30	PASS
11N20	5785	Ant3	11	12.56	0.07	12.63	≤30	PASS
11N20	5785	Ant4	11	11.71	0.07	11.78	≤30	PASS
11N20	5825	Ant1	11	10.05	0.07	10.12	≤30	PASS
11N20	5825	Ant2	11	11.18	0.07	11.25	≤30	PASS
11N20	5825	Ant3	11	12.77	0.07	12.84	≤30	PASS
11N20	5825	Ant4	11	11.8	0.07	11.87	≤30	PASS
11N40	5190	Ant1	12	11.08	0.11	11.19	≤30	PASS
11N40	5190	Ant2	12	11.87	0.11	11.98	≤30	PASS
11N40	5190	Ant3	12	13.31	0.16	13.47	≤30	PASS
11N40	5190	Ant4	12	12.38	0.11	12.49	≤30	PASS
11N40	5230	Ant1	17	17.52	0.12	17.64	≤30	PASS
11N40	5230	Ant2	17	17.91	0.13	18.04	≤30	PASS
11N40	5230	Ant3	17	19.16	0.14	19.30	≤30	PASS
11N40	5230	Ant4	17	17.59	0.16	17.75	≤30	PASS
11N40	5755	Ant1	11	10.55	0.16	10.71	≤30	PASS
11N40	5755	Ant2	11	11.51	0.14	11.65	≤30	PASS
11N40	5755	Ant3	11	13.47	0.12	13.59	≤30	PASS
11N40	5755	Ant4	11	12.34	0.12	12.46	≤30	PASS
11N40	5795	Ant1	11	10.53	0.16	10.69	≤30	PASS



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11N40	5795	Ant2	11	11.42	0.16	11.58	≤30	PASS
11N40	5795	Ant3	11	12.9	0.16	13.06	≤30	PASS
11N40	5795	Ant4	11	11.65	0.16	11.81	≤30	PASS
11AC20	5180	Ant1	15	15.19	0.1	15.29	≤30	PASS
11AC20	5180	Ant2	15	15.62	0.29	15.91	≤30	PASS
11AC20	5180	Ant3	15	16.86	0.09	16.95	≤30	PASS
11AC20	5180	Ant4	15	15.47	0.09	15.56	≤30	PASS
11AC20	5220	Ant1	15	15.27	0.07	15.34	≤30	PASS
11AC20	5220	Ant2	15	15.82	0.09	15.91	≤30	PASS
11AC20	5220	Ant3	15	16.83	0.1	16.93	≤30	PASS
11AC20	5220	Ant4	15	15.67	0.09	15.76	≤30	PASS
11AC20	5240	Ant1	15	15.57	0.09	15.66	≤30	PASS
11AC20	5240	Ant2	15	15.9	0.07	15.97	≤30	PASS
11AC20	5240	Ant3	15	16.84	0.09	16.93	≤30	PASS
11AC20	5240	Ant4	15	15.85	0.09	15.94	≤30	PASS
11AC20	5745	Ant1	11	10.65	0.09	10.74	≤30	PASS
11AC20	5745	Ant2	11	11.15	0.07	11.22	≤30	PASS
11AC20	5745	Ant3	11	13	0.07	13.07	≤30	PASS
11AC20	5745	Ant4	11	12.04	0.09	12.13	≤30	PASS
11AC20	5785	Ant1	11	10.6	0.09	10.69	≤30	PASS
11AC20	5785	Ant2	11	11.08	0.09	11.17	≤30	PASS
11AC20	5785	Ant3	11	12.6	0.09	12.69	≤30	PASS
11AC20	5785	Ant4	11	11.86	0.09	11.95	≤30	PASS
11AC20	5825	Ant1	11	10.44	0.09	10.53	≤30	PASS
11AC20	5825	Ant2	11	11.19	0.07	11.26	≤30	PASS
11AC20	5825	Ant3	11	12.81	0.09	12.90	≤30	PASS
11AC20	5825	Ant4	11	11.48	0.07	11.55	≤30	PASS
11AC80	5210	Ant1	11	10.14	0.3	10.44	≤30	PASS
11AC80	5210	Ant2	11	10.56	0.21	10.77	≤30	PASS
11AC80	5210	Ant3	11	12.05	0.24	12.29	≤30	PASS
11AC80	5210	Ant4	11	11.16	0.22	11.38	≤30	PASS
11AC80	5775	Ant1	11	10.09	0.24	10.33	≤30	PASS



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11AC80	5775	Ant2	11	10.99	0.19	11.18	≤30	PASS
11AC80	5775	Ant3	11	12.72	0.3	13.02	≤30	PASS
11AC80	5775	Ant4	11	11.84	0.19	12.03	≤30	PASS
11AC40	5190	Ant1	12	11.9	0.14	12.04	≤30	PASS
11AC40	5190	Ant2	12	11.81	0.13	11.94	≤30	PASS
11AC40	5190	Ant3	12	13.23	0.14	13.37	≤30	PASS
11AC40	5190	Ant4	12	12.41	0.14	12.55	≤30	PASS
11AC40	5230	Ant1	17	17.42	0.11	17.53	≤30	PASS
11AC40	5230	Ant2	17	17.84	0.11	17.95	≤30	PASS
11AC40	5230	Ant3	17	18.84	0.11	18.95	≤30	PASS
11AC40	5230	Ant4	17	17.88	0.12	18.00	≤30	PASS
11AC40	5755	Ant1	11	10.54	0.14	10.68	≤30	PASS
11AC40	5755	Ant2	11	11.73	0.16	11.89	≤30	PASS
11AC40	5755	Ant3	11	13.08	0.16	13.24	≤30	PASS
11AC40	5755	Ant4	11	11.73	0.16	11.89	≤30	PASS
11AC40	5795	Ant1	11	10.09	0.16	10.25	≤30	PASS
11AC40	5795	Ant2	11	11.6	0.14	11.74	≤30	PASS
11AC40	5795	Ant3	11	12.71	0.14	12.85	≤30	PASS
11AC40	5795	Ant4	11	11.85	0.12	11.97	≤30	PASS



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MIMO:

Test Mode	Test Channel	Ant	Power [dBm]	EIRP [dBm]	Conducted power Limit [dBm]	EIRP Limit [dBm]	Verdict
11N20	5180	Ant1+2+3+4	21.64	/	≤24.79	/	PASS
11N20	5220	Ant1+2+3+4	21.81	/	≤24.79	/	PASS
11N20	5240	Ant1+2+3+4	22.05	/	≤24.79	/	PASS
11N20	5745	Ant1+2+3+4	17.72	/	≤24.79	/	PASS
11N20	5785	Ant1+2+3+4	17.62	/	≤24.79	/	PASS
11N20	5825	Ant1+2+3+4	17.65	/	≤24.79	/	PASS
11N40	5190	Ant1+2+3+4	18.38	/	≤24.79	/	PASS
11N40	5230	Ant1+2+3+4	24.26	/	≤24.79	/	PASS
11N40	5755	Ant1+2+3+4	18.25	/	≤24.79	/	PASS
11N40	5795	Ant1+2+3+4	17.89	/	≤24.79	/	PASS
11AC20	5180	Ant1+2+3+4	22.00	/	≤24.79	/	PASS
11AC20	5220	Ant1+2+3+4	22.05	/	≤24.79	/	PASS
11AC20	5240	Ant1+2+3+4	22.17	/	≤24.79	/	PASS
11AC20	5745	Ant1+2+3+4	17.90	/	≤24.79	/	PASS
11AC20	5785	Ant1+2+3+4	17.71	/	≤24.79	/	PASS
11AC20	5825	Ant1+2+3+4	17.67	/	≤24.79	/	PASS
11AC40	5190	Ant1+2+3+4	18.33	/	≤24.79	/	PASS
11AC40	5230	Ant1+2+3+4	24.16	/	≤24.79	/	PASS
11AC40	5755	Ant1+2+3+4	18.04	/	≤24.79	/	PASS
11AC40	5795	Ant1+2+3+4	17.82	/	≤24.79	/	PASS
11AC80	5210	Ant1+2+3+4	17.30	/	≤24.79	/	PASS
11AC80	5775	Ant1+2+3+4	17.78	/	≤24.79	/	PASS

Note: Directional gain = $G_{ANT} + 10 \cdot \log(N_{ANT}/N_{SS}) = 5.19 + 10 \cdot \log(4/1) = 11.21 \text{dBi}$.



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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	6.15	0.44	6.59	≤17.00	PASS
11A	5180	Ant2	6.83	0.88	7.71	≤17.00	PASS
11A	5180	Ant3	7.9	0.91	8.81	≤17.00	PASS
11A	5180	Ant4	7.5	0.95	8.45	≤17.00	PASS
11A	5220	Ant1	6.98	0.58	7.56	≤17.00	PASS
11A	5220	Ant2	7.43	0.37	7.8	≤17.00	PASS
11A	5220	Ant3	8.09	0.37	8.46	≤17.00	PASS
11A	5220	Ant4	8	0.37	8.37	≤17.00	PASS
11A	5240	Ant1	7.05	0.44	7.49	≤17.00	PASS
11A	5240	Ant2	7.44	0.48	7.92	≤17.00	PASS
11A	5240	Ant3	8.5	0.58	9.08	≤17.00	PASS
11A	5240	Ant4	8.02	0.37	8.39	≤17.00	PASS
11N20	5180	Ant1	3.13	0.09	3.22	≤17.00	PASS
11N20	5180	Ant2	4.27	0.09	4.36	≤17.00	PASS
11N20	5180	Ant3	5.61	0.09	5.7	≤17.00	PASS
11N20	5180	Ant4	4.09	0.1	4.19	≤17.00	PASS
11N20	5220	Ant1	3.3	0.07	3.37	≤17.00	PASS
11N20	5220	Ant2	4.06	0.07	4.13	≤17.00	PASS
11N20	5220	Ant3	5	0.07	5.07	≤17.00	PASS
11N20	5220	Ant4	4.16	0.07	4.23	≤17.00	PASS
11N20	5240	Ant1	3.46	0.07	3.53	≤17.00	PASS
11N20	5240	Ant2	4.34	0.09	4.43	≤17.00	PASS
11N20	5240	Ant3	5.23	0.07	5.3	≤17.00	PASS
11N20	5240	Ant4	4.19	0.07	4.26	≤17.00	PASS
11N40	5190	Ant1	-3.21	0.11	-3.1	≤17.00	PASS
11N40	5190	Ant2	-2.43	0.11	-2.32	≤17.00	PASS
11N40	5190	Ant3	-1.18	0.16	-1.02	≤17.00	PASS
11N40	5190	Ant4	-2.03	0.11	-1.92	≤17.00	PASS
11N40	5230	Ant1	2.91	0.12	3.03	≤17.00	PASS



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11N40	5230	Ant2	3.33	0.13	3.46	≤17.00	PASS	
11N40	5230	Ant3	4.62	0.14	4.76	≤17.00	PASS	
11N40	5230	Ant4	3.6	0.16	3.76	≤17.00	PASS	
11AC20	5180	Ant1	3.92	0.1	4.02	≤17.00	PASS	
11AC20	5180	Ant2	4.66	0.29	4.95	≤17.00	PASS	
11AC20	5180	Ant3	5.39	0.09	5.48	≤17.00	PASS	
11AC20	5180	Ant4	4	0.09	4.09	≤17.00	PASS	
11AC20	5220	Ant1	3.71	0.07	3.78	≤17.00	PASS	
11AC20	5220	Ant2	4.26	0.09	4.35	≤17.00	PASS	
11AC20	5220	Ant3	5.43	0.1	5.53	≤17.00	PASS	
11AC20	5220	Ant4	4.19	0.09	4.28	≤17.00	PASS	
11AC20	5240	Ant1	4.02	0.09	4.11	≤17.00	PASS	
11AC20	5240	Ant2	4.24	0.07	4.31	≤17.00	PASS	
11AC20	5240	Ant3	5.25	0.09	5.34	≤17.00	PASS	
11AC20	5240	Ant4	4.2	0.09	4.29	≤17.00	PASS	
11AC80	5210	Ant1	-6.2	0.3	-5.9	≤17.00	PASS	
11AC80	5210	Ant2	-5.95	0.21	-5.74	≤17.00	PASS	
11AC80	5210	Ant3	-4.58	0.24	-4.34	≤17.00	PASS	
11AC80	5210	Ant4	-5.41	0.22	-5.19	≤17.00	PASS	
11AC40	5190	Ant1	-2.34	0.14	-2.2	≤17.00	PASS	
11AC40	5190	Ant2	-2.52	0.13	-2.39	≤17.00	PASS	
11AC40	5190	Ant3	-1.27	0.14	-1.13	≤17.00	PASS	
11AC40	5190	Ant4	-1.93	0.14	-1.79	≤17.00	PASS	
11AC40	5230	Ant1	2.92	0.11	3.03	≤17.00	PASS	
11AC40	5230	Ant2	3.26	0.11	3.37	≤17.00	PASS	
11AC40	5230	Ant3	4.43	0.11	4.54	≤17.00	PASS	
11AC40	5230	Ant4	3.47	0.12	3.59	≤17.00	PASS	
Test mode:	Test Channel	Ant	Level [dBm/500 kHz]	10log(1/x) Factor[dB]	10log (500kHz/RBW W) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant1	-3.52	0.58	0	-2.94	≤30.00	PASS
11A	5745	Ant2	-2.87	0.55	0	-2.32	≤30.00	PASS



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11A	5745	Ant3	-1.06	0.51	0	-0.55	≤30.00	PASS
11A	5745	Ant4	-2.32	0.41	0	-1.91	≤30.00	PASS
11A	5785	Ant1	-3.56	0.51	0	-3.05	≤30.00	PASS
11A	5785	Ant2	-3.2	0.44	0	-2.76	≤30.00	PASS
11A	5785	Ant3	-1.69	0.44	0	-1.25	≤30.00	PASS
11A	5785	Ant4	-2.26	0.51	0	-1.75	≤30.00	PASS
11A	5825	Ant1	-3.59	0.44	0	-3.15	≤30.00	PASS
11A	5825	Ant2	-2.94	0.37	0	-2.57	≤30.00	PASS
11A	5825	Ant3	-1.36	0.55	0	-0.81	≤30.00	PASS
11A	5825	Ant4	-2.24	0.37	0	-1.87	≤30.00	PASS
11N20	5745	Ant1	-4.09	0.09	0	-4	≤30.00	PASS
11N20	5745	Ant2	-2.97	0.07	0	-2.9	≤30.00	PASS
11N20	5745	Ant3	-1.45	0.07	0	-1.38	≤30.00	PASS
11N20	5745	Ant4	-2.81	0.07	0	-2.74	≤30.00	PASS
11N20	5785	Ant1	-4.07	0.09	0	-3.98	≤30.00	PASS
11N20	5785	Ant2	-3.36	0.09	0	-3.27	≤30.00	PASS
11N20	5785	Ant3	-1.81	0.07	0	-1.74	≤30.00	PASS
11N20	5785	Ant4	-2.64	0.07	0	-2.57	≤30.00	PASS
11N20	5825	Ant1	-4.39	0.07	0	-4.32	≤30.00	PASS
11N20	5825	Ant2	-3.29	0.07	0	-3.22	≤30.00	PASS
11N20	5825	Ant3	-1.54	0.07	0	-1.47	≤30.00	PASS
11N20	5825	Ant4	-2.62	0.07	0	-2.55	≤30.00	PASS
11N40	5755	Ant1	-6.96	0.16	0	-6.8	≤30.00	PASS
11N40	5755	Ant2	-6	0.14	0	-5.86	≤30.00	PASS
11N40	5755	Ant3	-4.01	0.12	0	-3.89	≤30.00	PASS
11N40	5755	Ant4	-5.18	0.12	0	-5.06	≤30.00	PASS
11N40	5795	Ant1	-7.01	0.16	0	-6.85	≤30.00	PASS
11N40	5795	Ant2	-6.05	0.16	0	-5.89	≤30.00	PASS
11N40	5795	Ant3	-4.51	0.16	0	-4.35	≤30.00	PASS
11N40	5795	Ant4	-5.79	0.16	0	-5.63	≤30.00	PASS
11AC20	5745	Ant1	-3.82	0.09	0	-3.73	≤30.00	PASS
11AC20	5745	Ant2	-2.96	0.07	0	-2.89	≤30.00	PASS



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11AC20	5745	Ant3	-1.4	0.07	0	-1.33	≤30.00	PASS
11AC20	5745	Ant4	-2.38	0.09	0	-2.29	≤30.00	PASS
11AC20	5785	Ant1	-3.8	0.09	0	-3.71	≤30.00	PASS
11AC20	5785	Ant2	-3.35	0.09	0	-3.26	≤30.00	PASS
11AC20	5785	Ant3	-1.78	0.09	0	-1.69	≤30.00	PASS
11AC20	5785	Ant4	-2.46	0.09	0	-2.37	≤30.00	PASS
11AC20	5825	Ant1	-4.01	0.09	0	-3.92	≤30.00	PASS
11AC20	5825	Ant2	-3.2	0.07	0	-3.13	≤30.00	PASS
11AC20	5825	Ant3	-1.49	0.09	0	-1.4	≤30.00	PASS
11AC20	5825	Ant4	-2.81	0.07	0	-2.74	≤30.00	PASS
11AC80	5775	Ant1	-9.56	0.24	0	-9.32	≤30.00	PASS
11AC80	5775	Ant2	-8.42	0.19	0	-8.23	≤30.00	PASS
11AC80	5775	Ant3	-6.89	0.3	0	-6.59	≤30.00	PASS
11AC80	5775	Ant4	-7.8	0.19	0	-7.61	≤30.00	PASS
11AC40	5755	Ant1	-7.03	0.14	0	-6.89	≤30.00	PASS
11AC40	5755	Ant2	-5.79	0.16	0	-5.63	≤30.00	PASS
11AC40	5755	Ant3	-4.38	0.16	0	-4.22	≤30.00	PASS
11AC40	5755	Ant4	-5.79	0.16	0	-5.63	≤30.00	PASS
11AC40	5795	Ant1	-7.41	0.16	0	-7.25	≤30.00	PASS
11AC40	5795	Ant2	-5.9	0.14	0	-5.76	≤30.00	PASS
11AC40	5795	Ant3	-4.68	0.14	0	-4.54	≤30.00	PASS
11AC40	5795	Ant4	-5.59	0.12	0	-5.47	≤30.00	PASS



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MIMO:

Test Mode	Test Channel	Ant	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11N20	5180	Ant1+2+3+4	11.39	≤11.79	PASS
11N20	5220	Ant1+2+3+4	11.37	≤11.79	PASS
11N20	5240	Ant1+2+3+4	11.53	≤11.79	PASS
11N40	5190	Ant1+2+3+4	4.00	≤11.79	PASS
11N40	5230	Ant1+2+3+4	9.82	≤11.79	PASS
11AC20	5180	Ant1+2+3+4	10.70	≤11.79	PASS
11AC20	5220	Ant1+2+3+4	10.55	≤11.79	PASS
11AC20	5240	Ant1+2+3+4	10.56	≤11.79	PASS
11AC40	5190	Ant1+2+3+4	4.10	≤11.79	PASS
11AC40	5230	Ant1+2+3+4	10.09	≤11.79	PASS
11AC80	5210	Ant1+2+3+4	0.77	≤11.79	PASS

Test Mode	Test Channel	Ant	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11N20	5745	Ant1+2+3+4	3.37	≤24.79	PASS
11N20	5785	Ant1+2+3+4	3.21	≤24.79	PASS
11N20	5825	Ant1+2+3+4	3.25	≤24.79	PASS
11N40	5755	Ant1+2+3+4	0.75	≤24.79	PASS
11N40	5795	Ant1+2+3+4	0.43	≤24.79	PASS
11AC20	5745	Ant1+2+3+4	3.55	≤24.79	PASS
11AC20	5785	Ant1+2+3+4	3.33	≤24.79	PASS
11AC20	5825	Ant1+2+3+4	3.32	≤24.79	PASS
11AC40	5755	Ant1+2+3+4	0.53	≤24.79	PASS
11AC40	5795	Ant1+2+3+4	0.37	≤24.79	PASS
11AC80	5775	Ant1+2+3+4	-1.81	≤24.79	PASS

Note: Directional gain = $G_{ANT} + 10 \cdot \log(N_{ANT}/N_{SS}) = 5.19 + 10 \cdot \log(4/1) = 11.21\text{dBi}$.

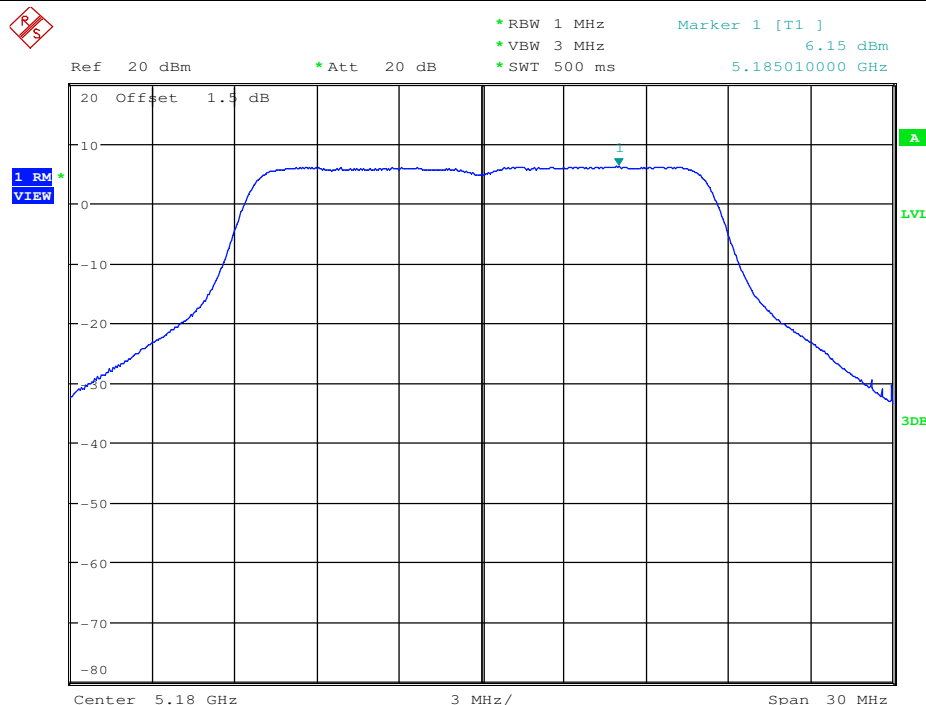


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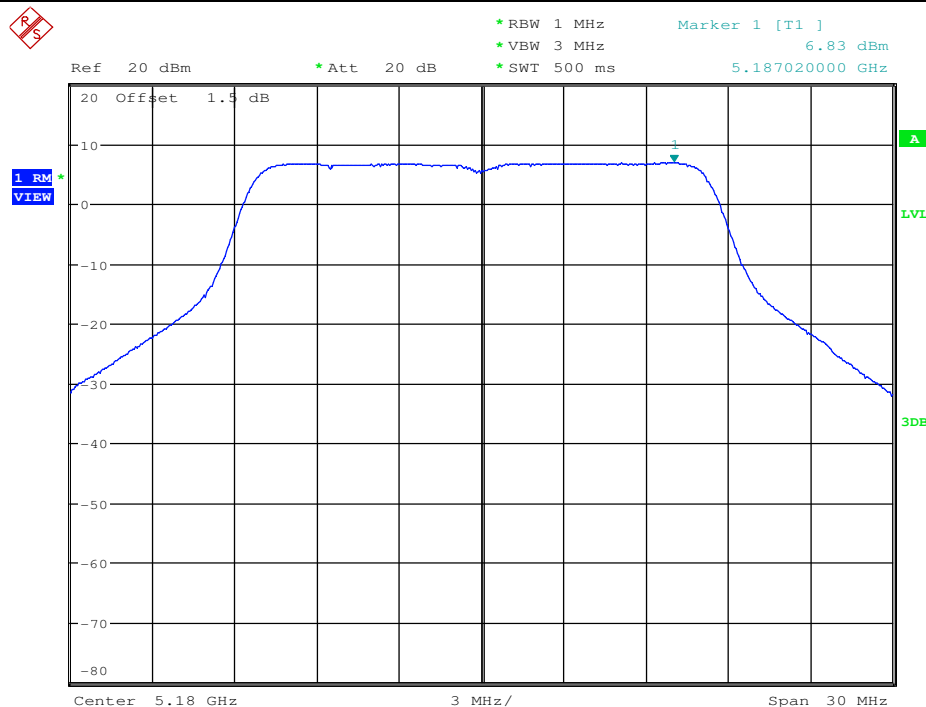
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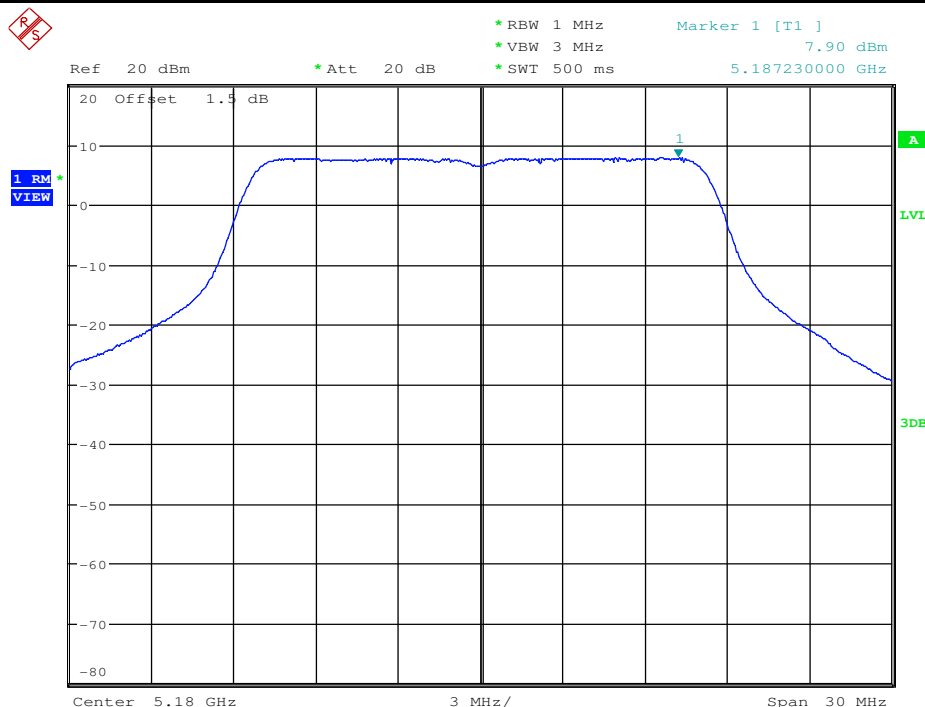
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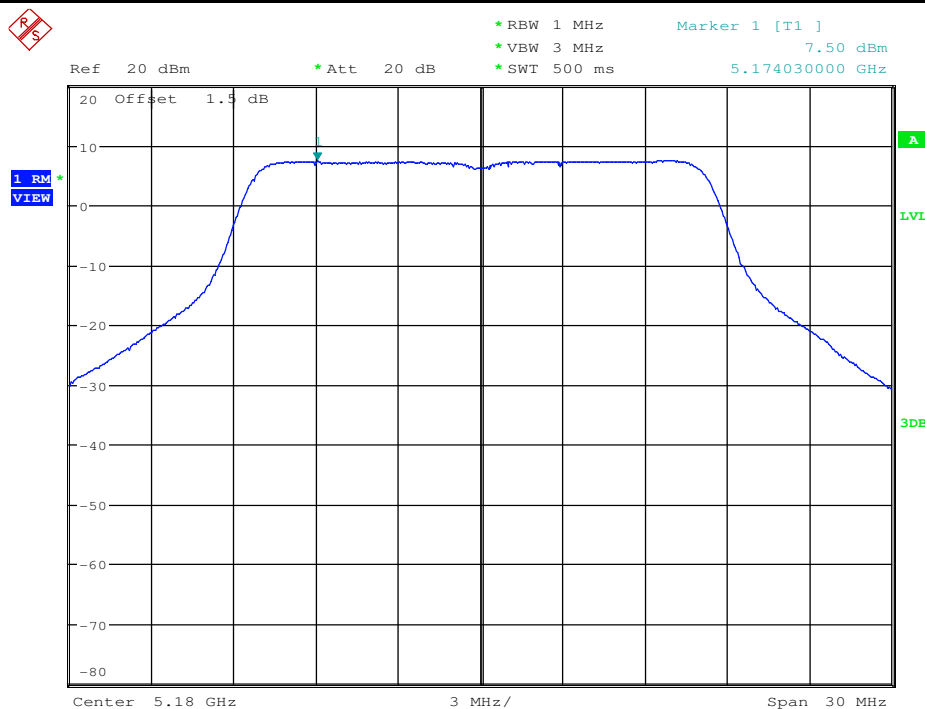
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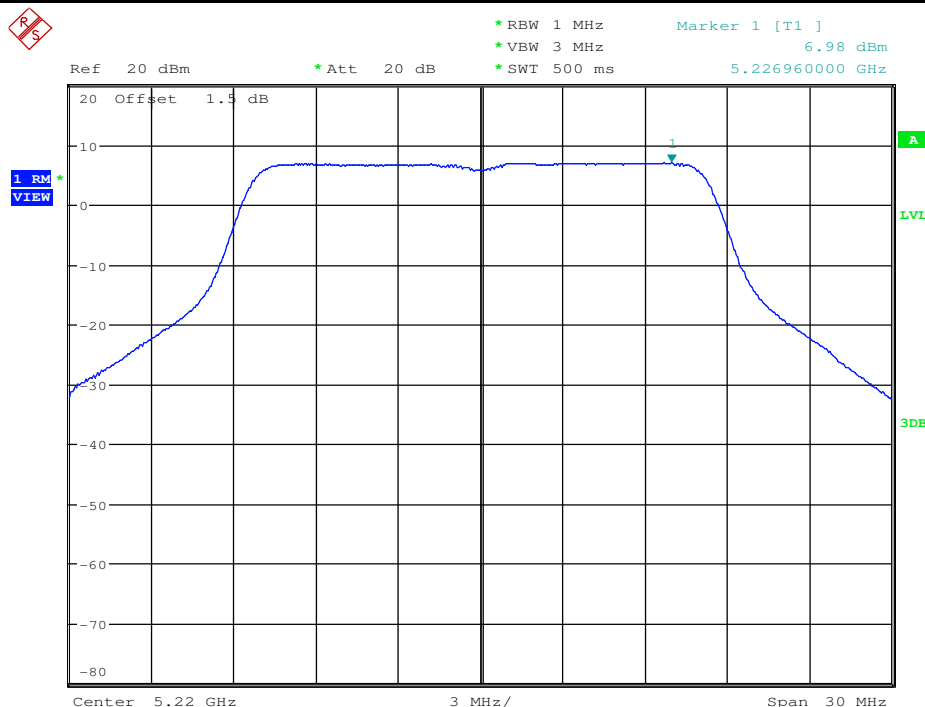
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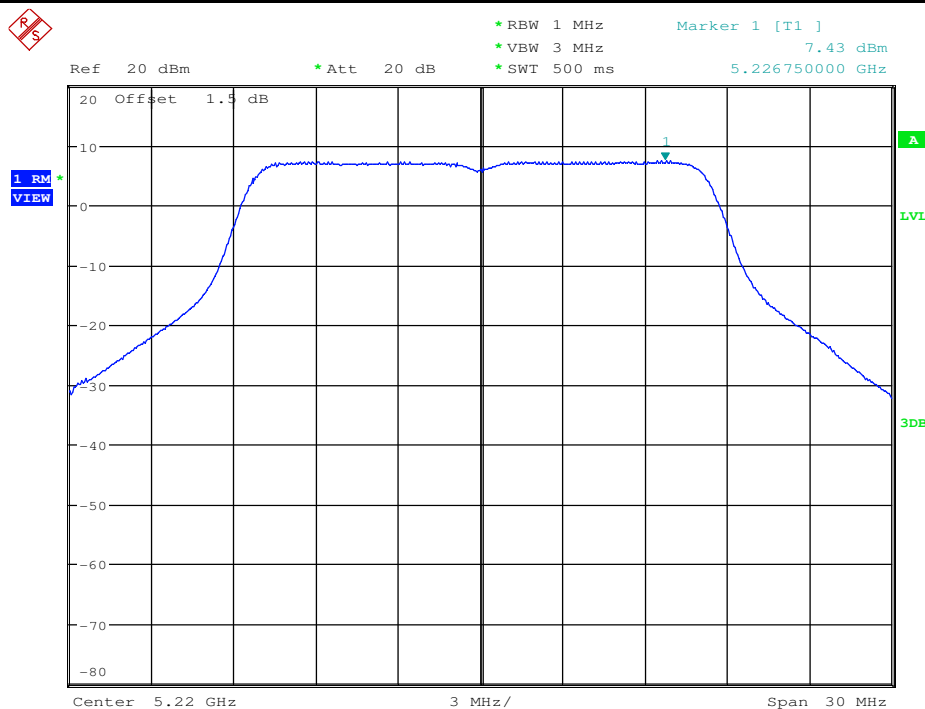
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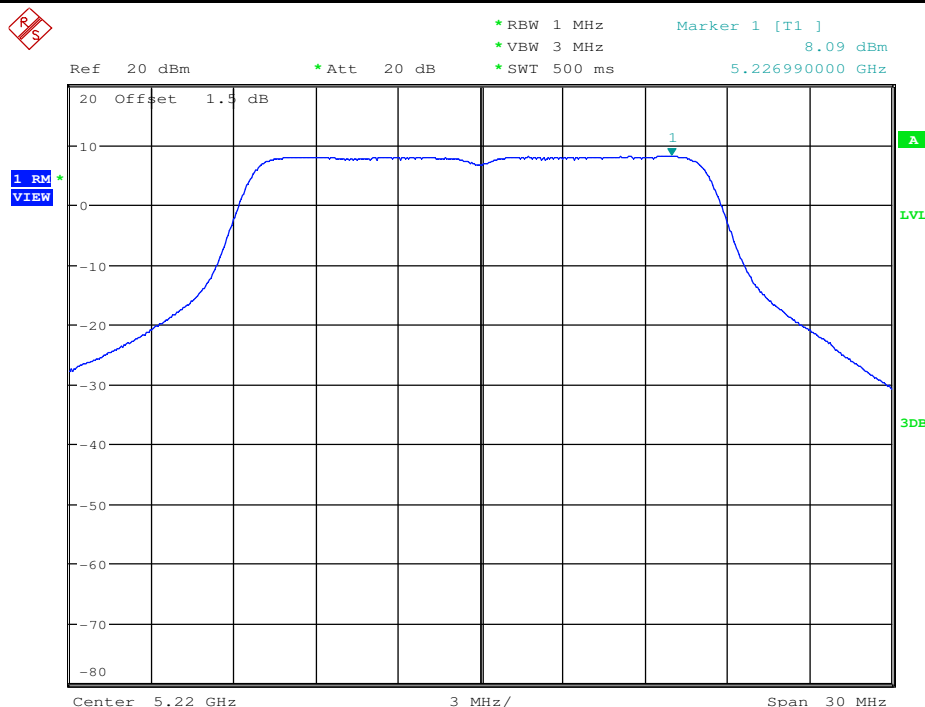
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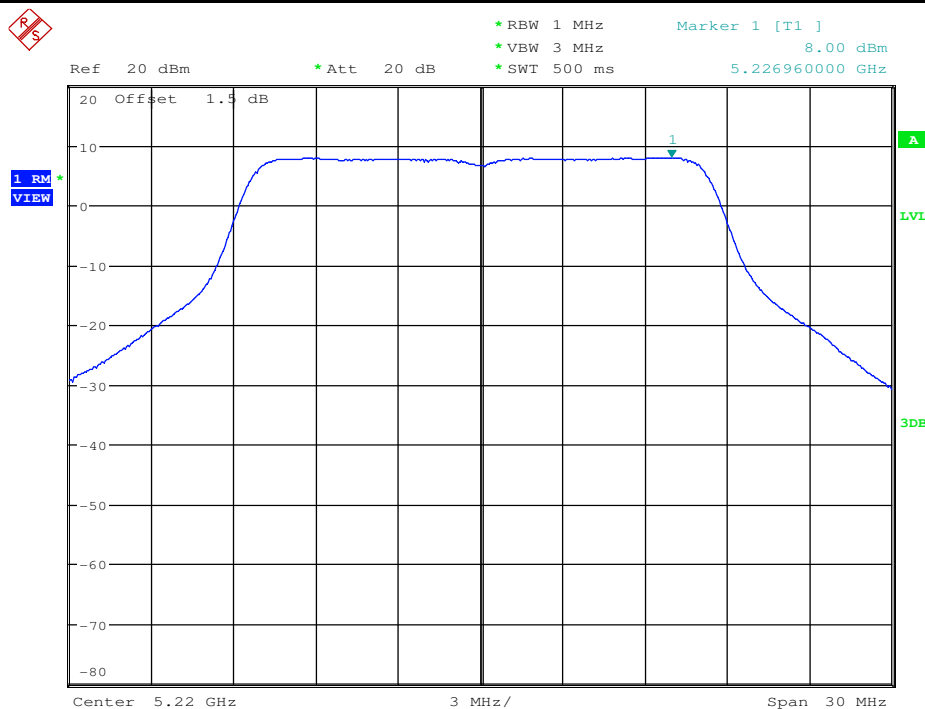
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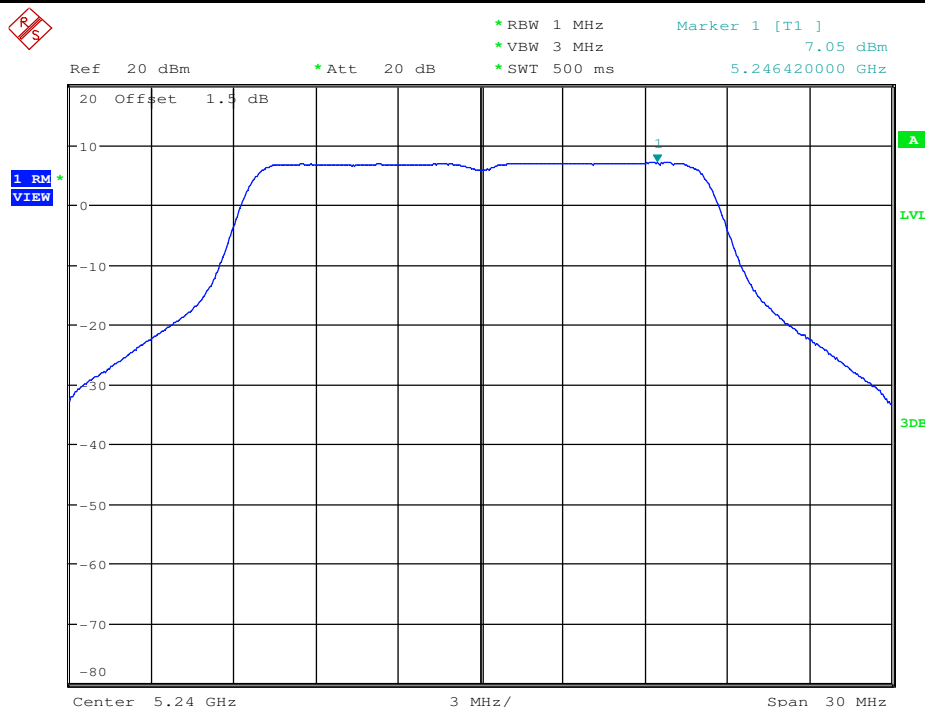
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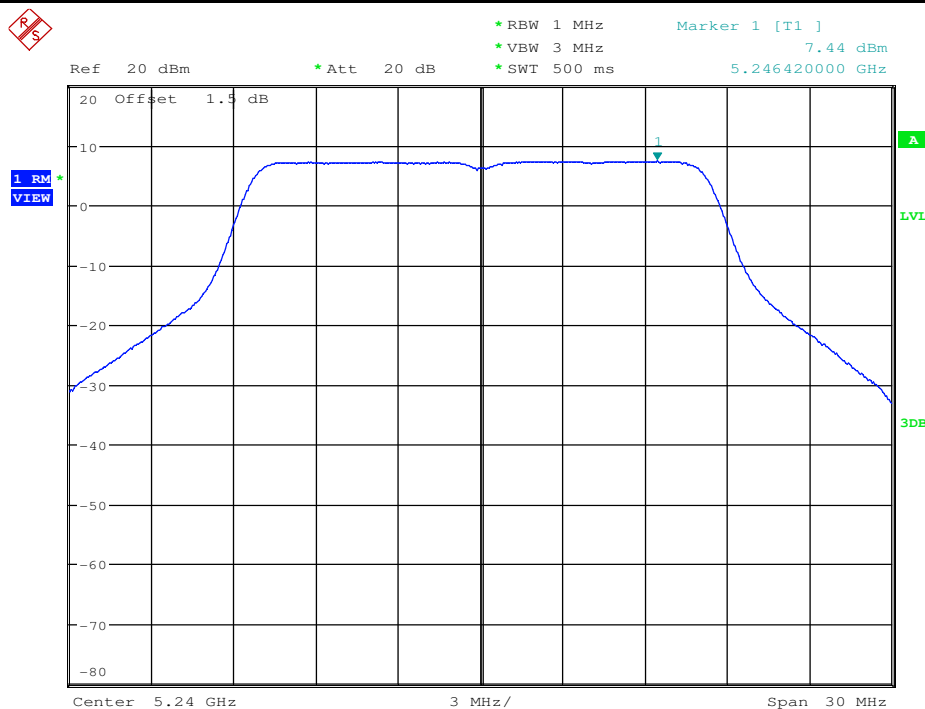
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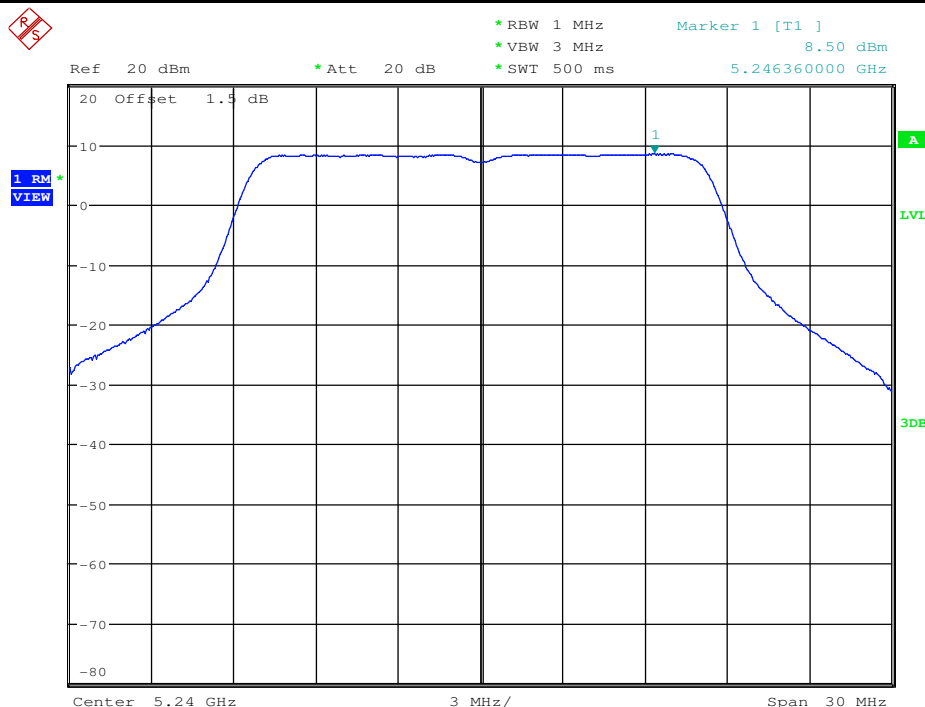
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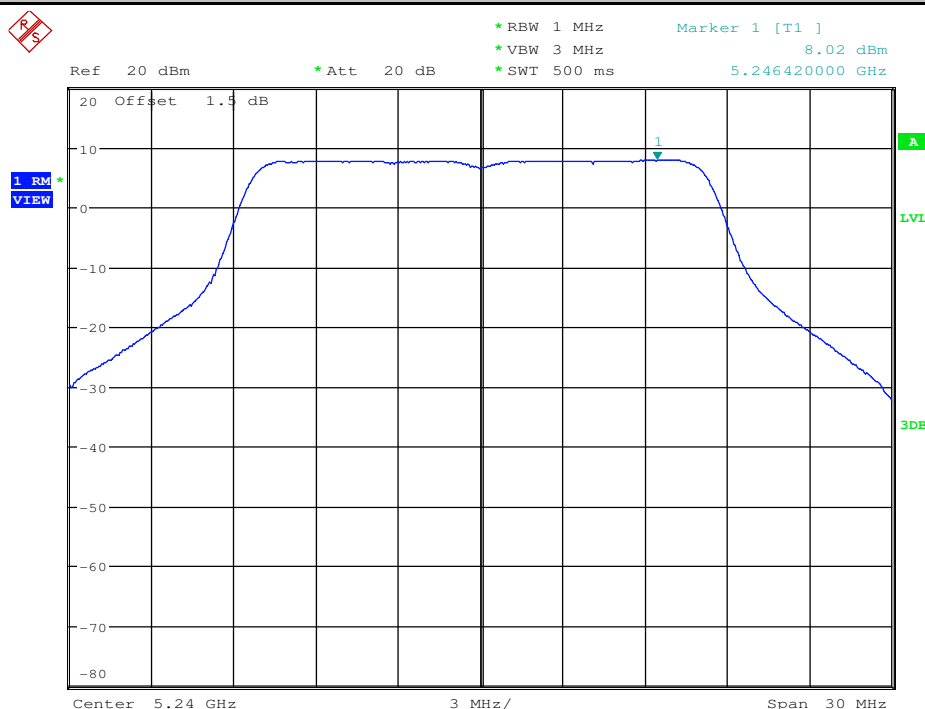
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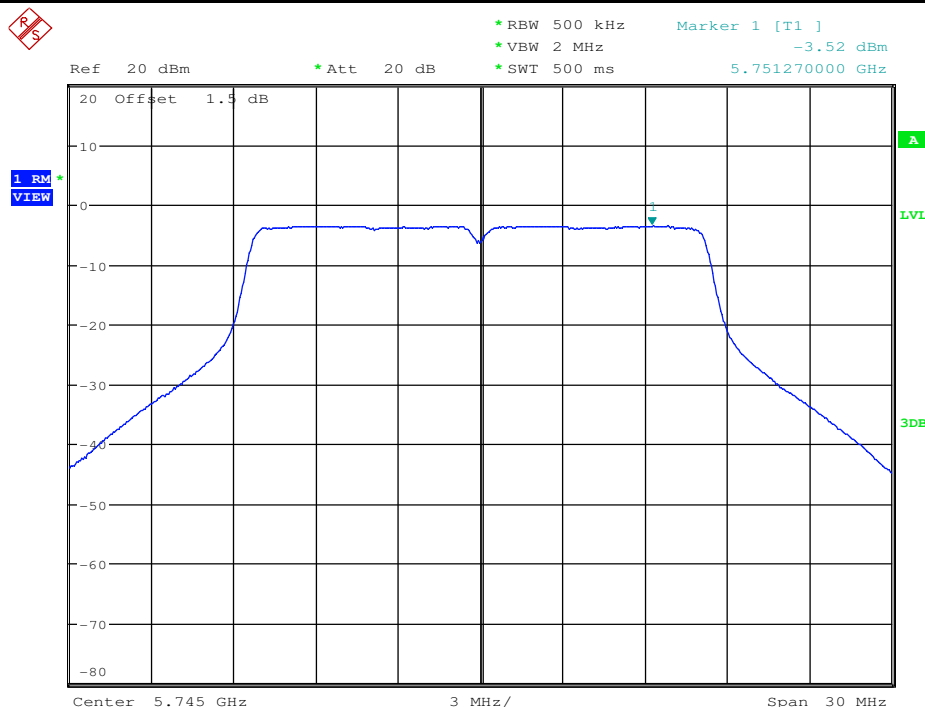
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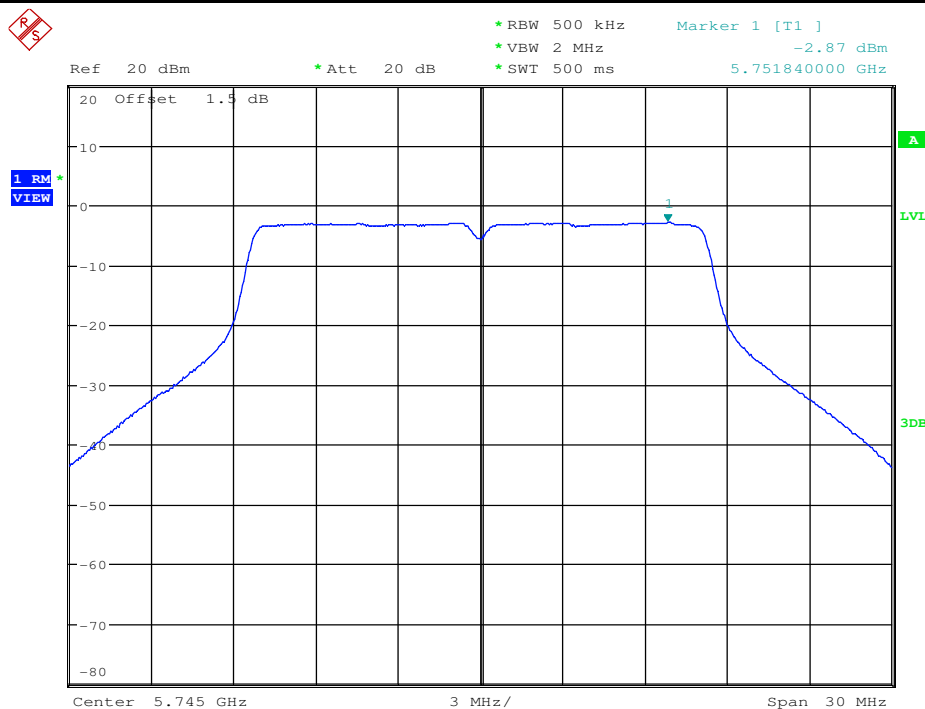
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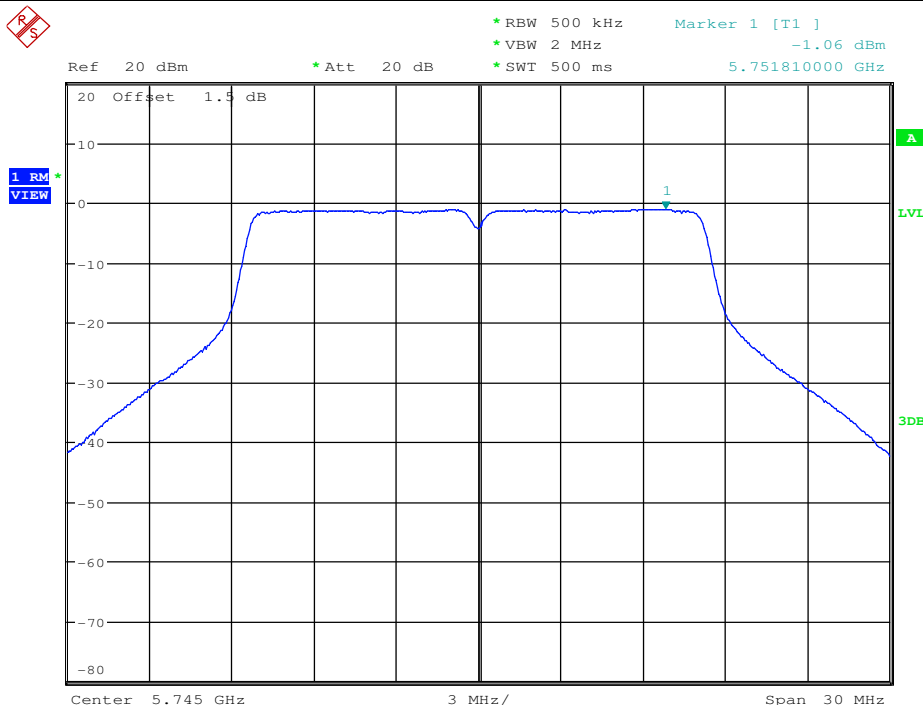
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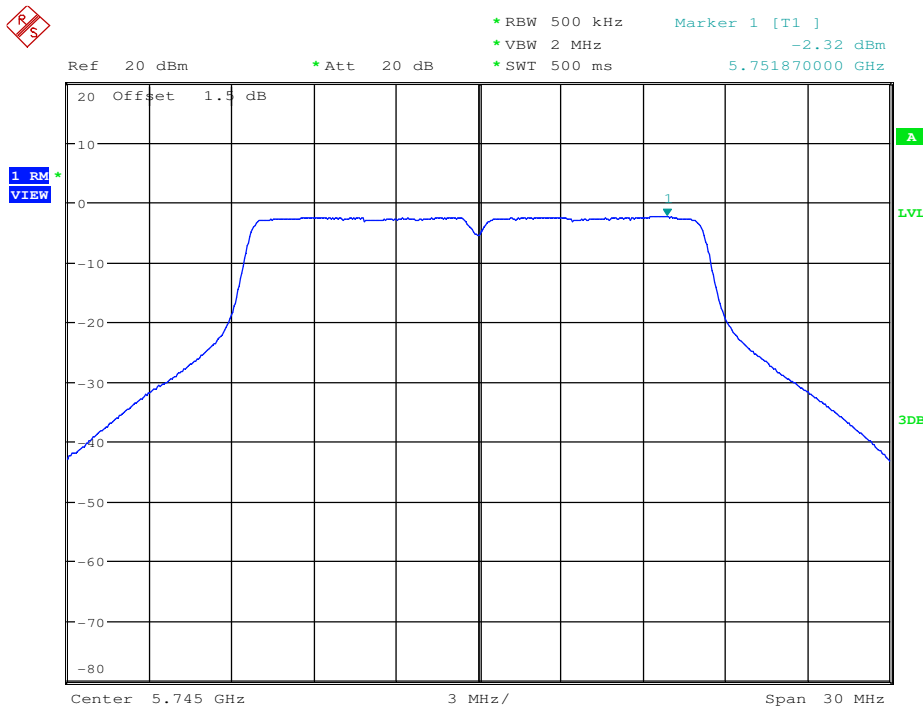
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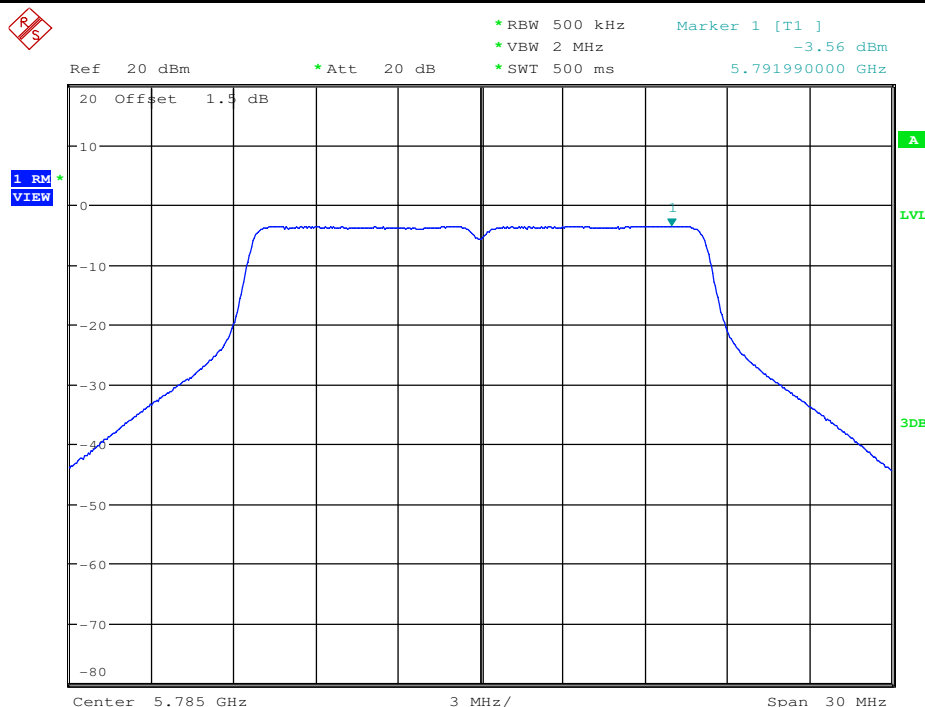
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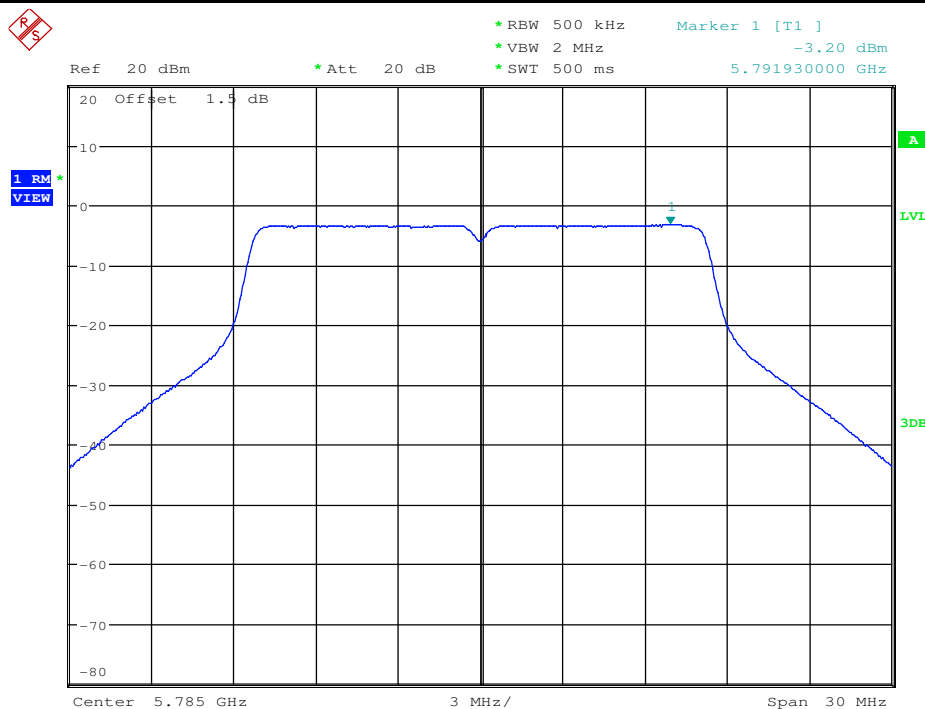
Maximum Power Spectral Density_TNVN_11A_5745_Ant4



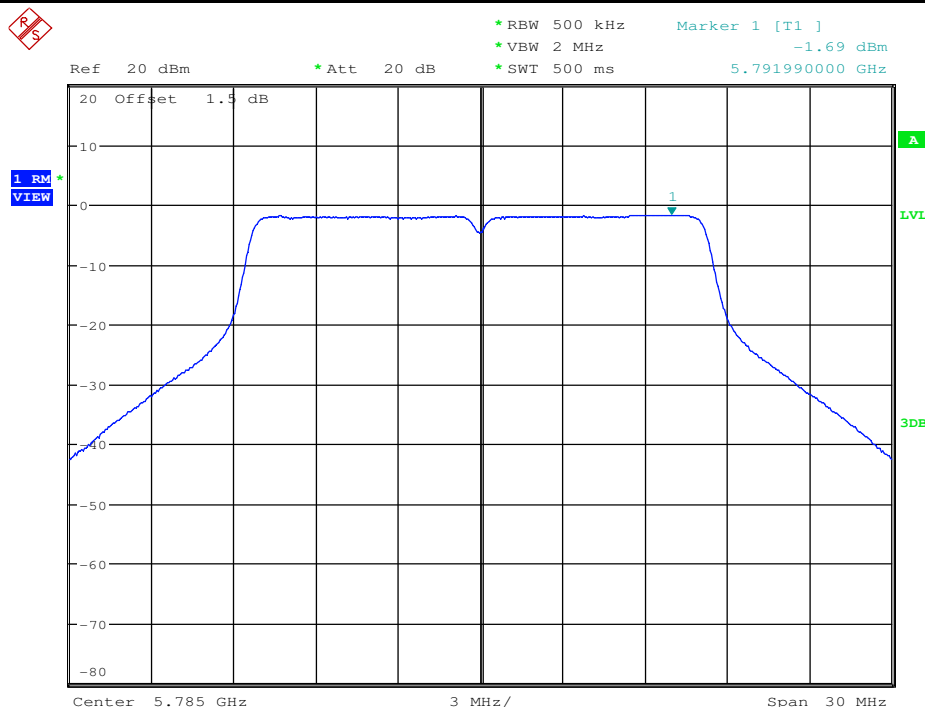
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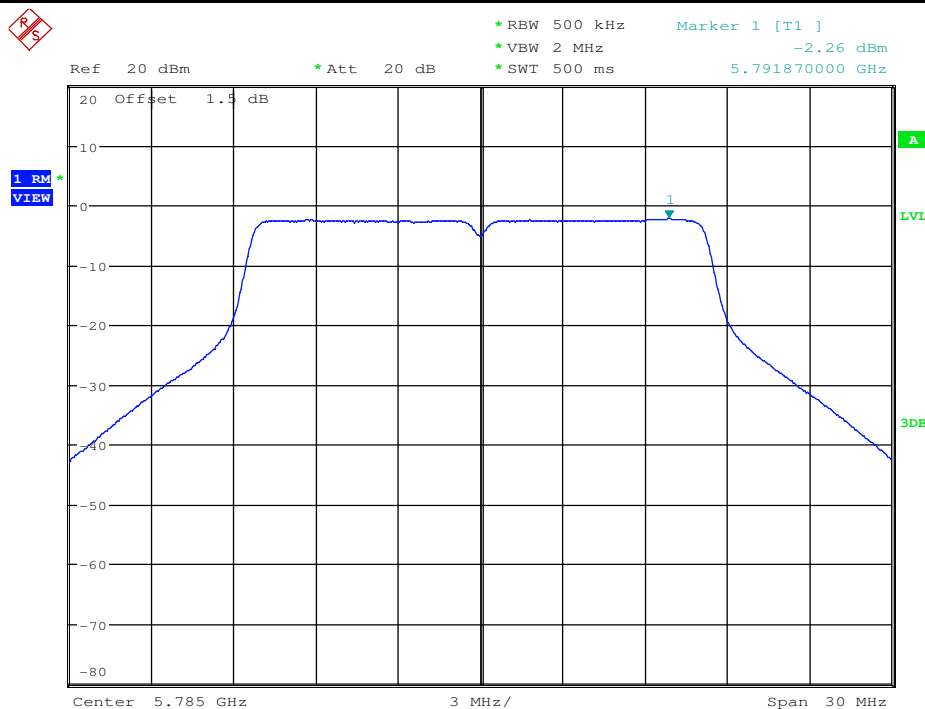
Maximum Power Spectral Density_TNVN_11A_5785_Ant2



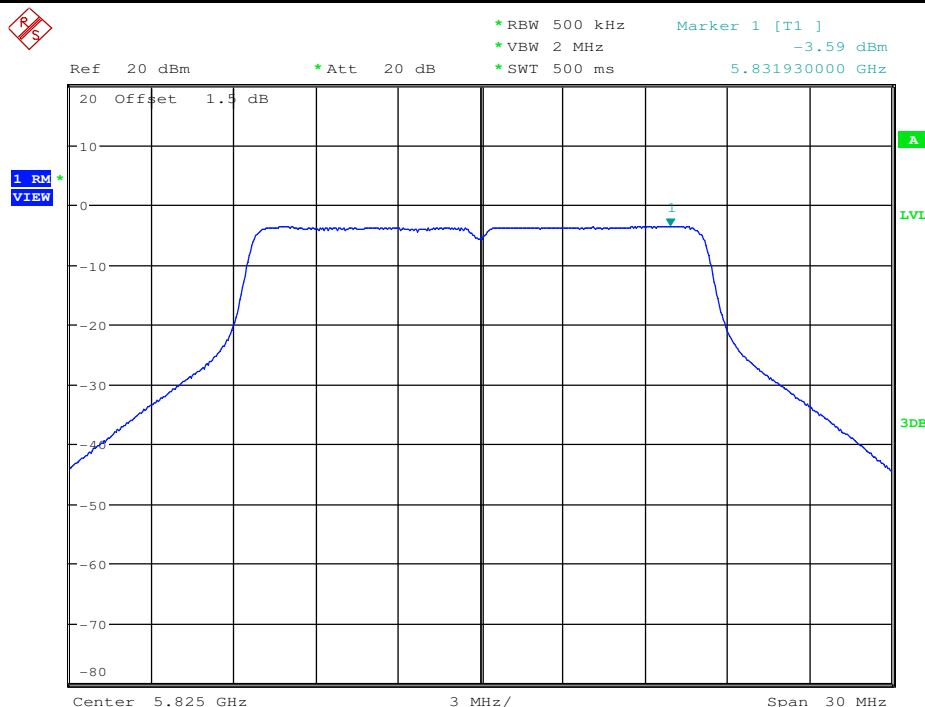
Maximum Power Spectral Density_TNVN_11A_5785_Ant3



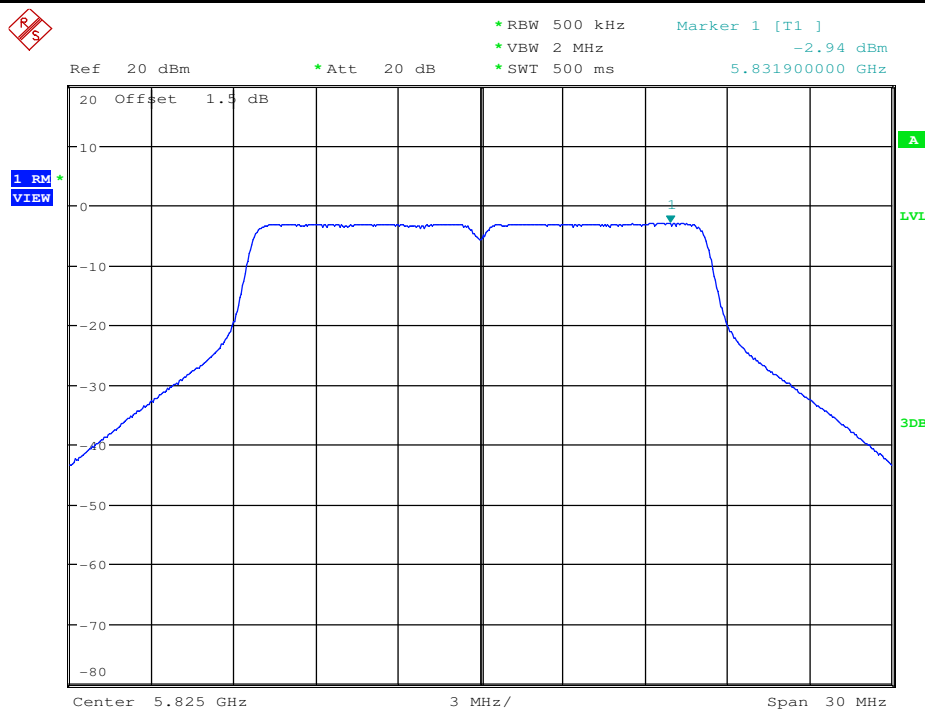
Maximum Power Spectral Density_TNVN_11A_5785_Ant4



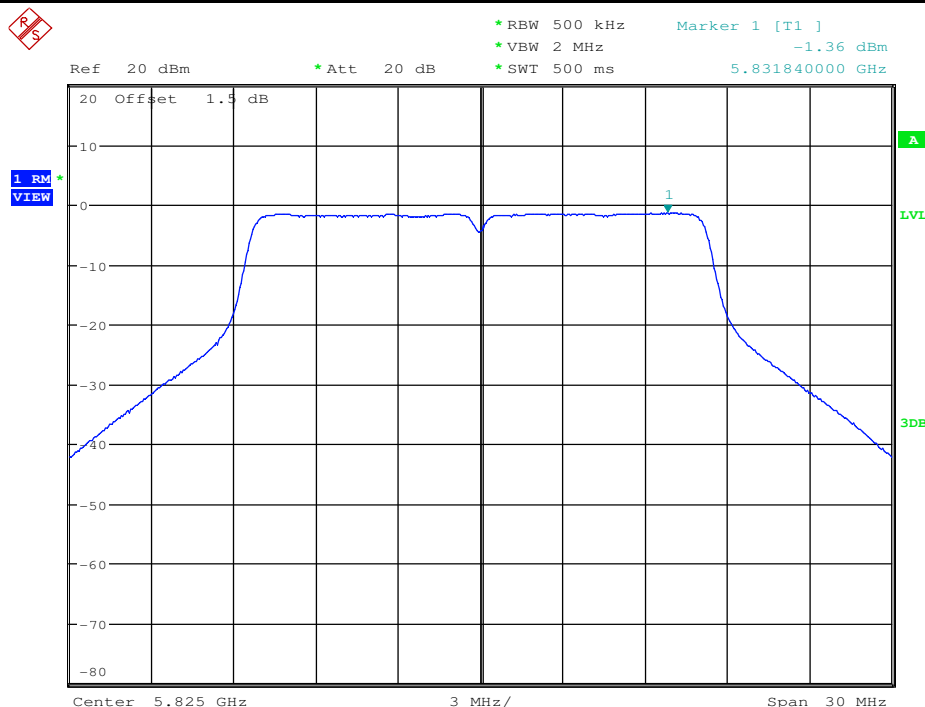
Maximum Power Spectral Density_TNVN_11A_5825_Ant1



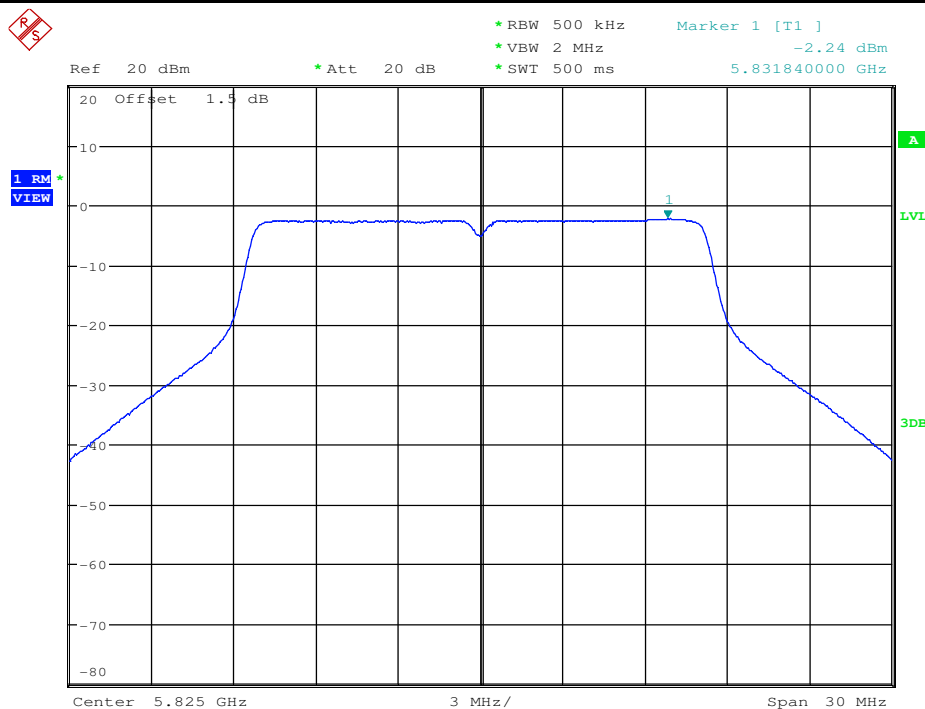
Maximum Power Spectral Density_TNVN_11A_5825_Ant2



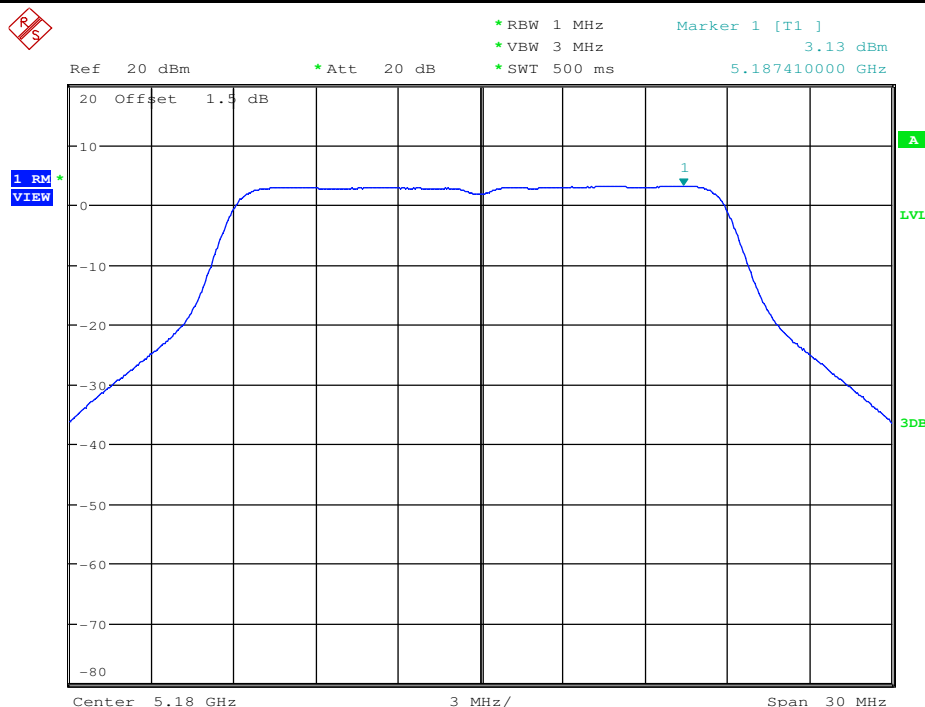
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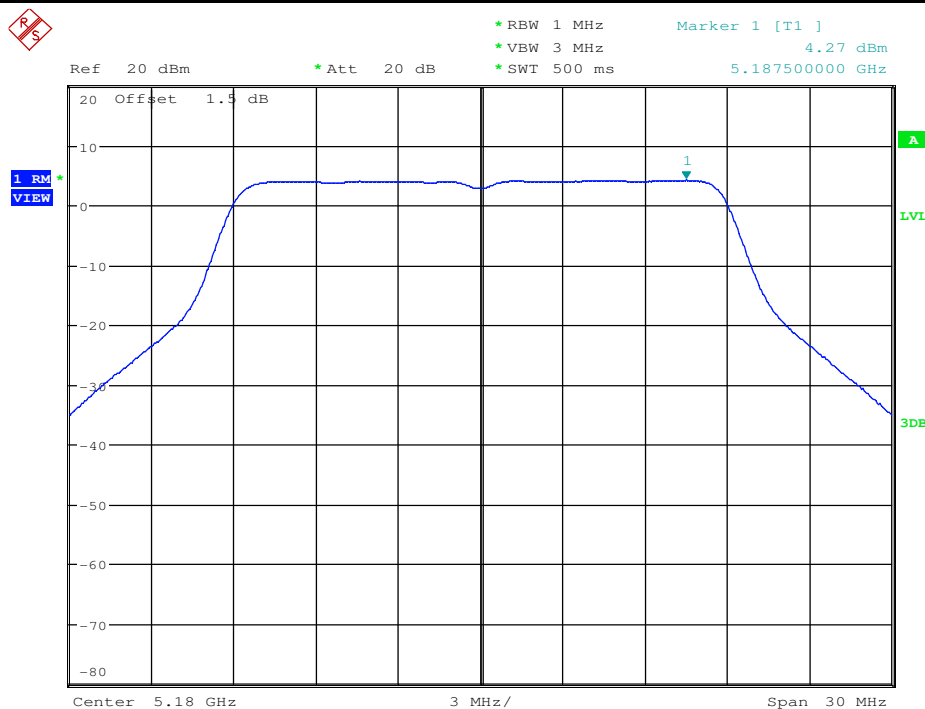
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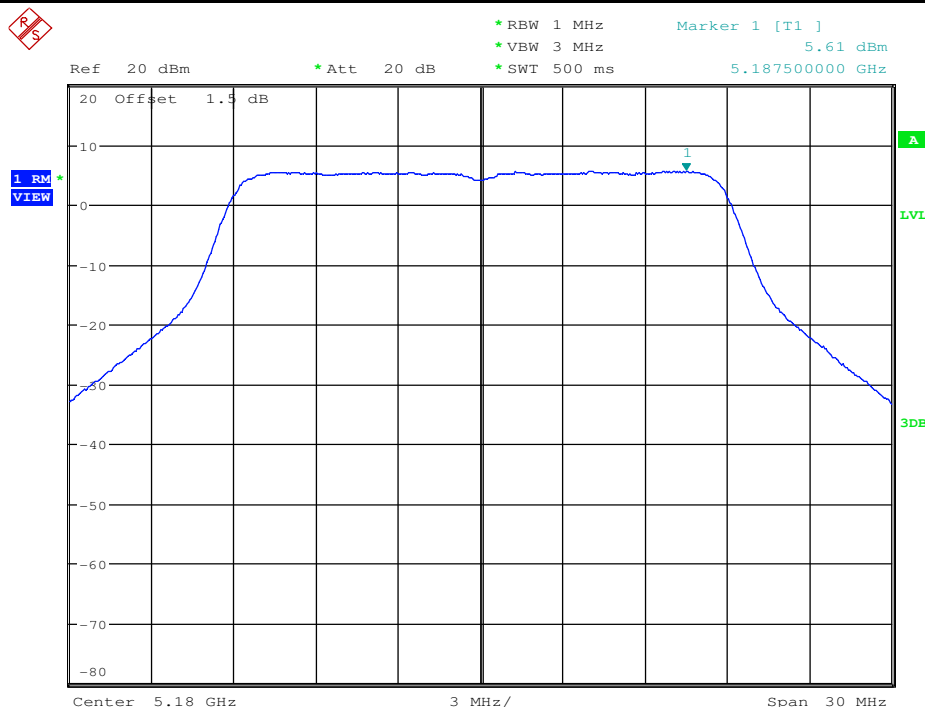
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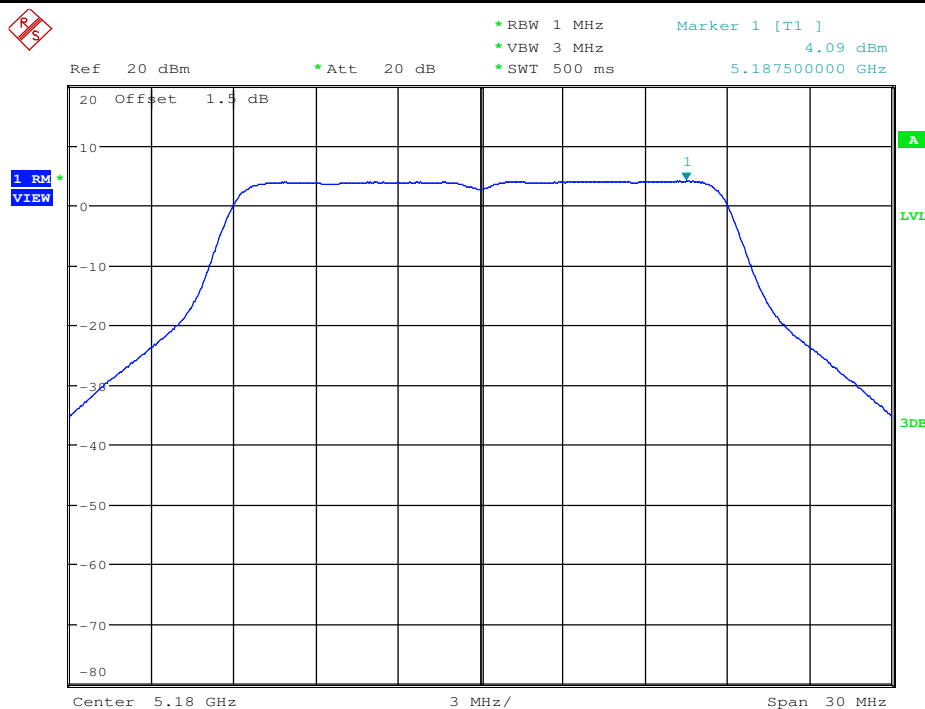
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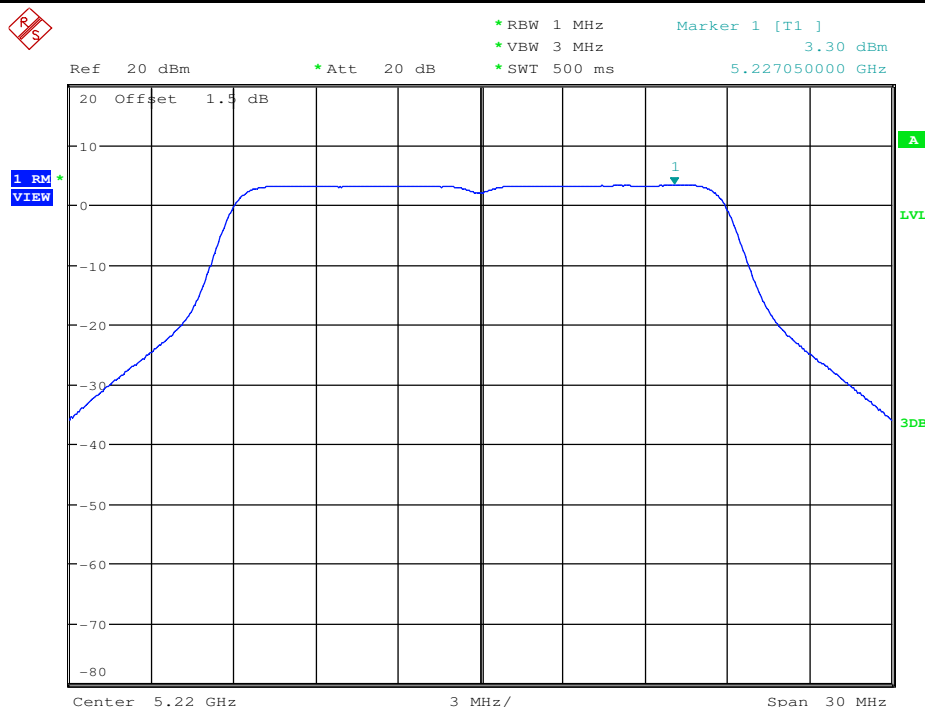
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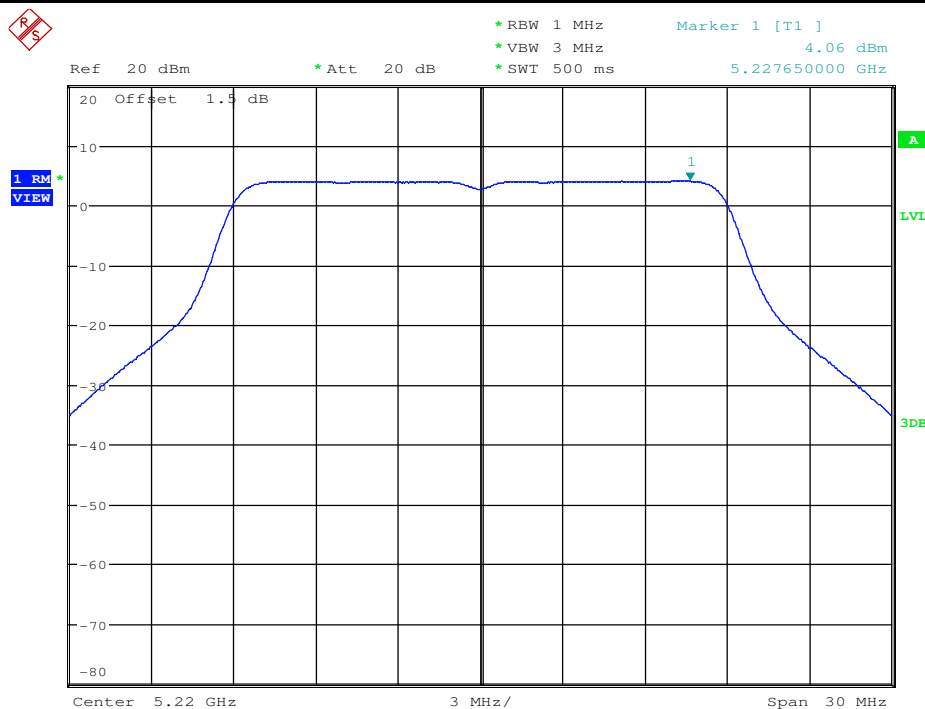
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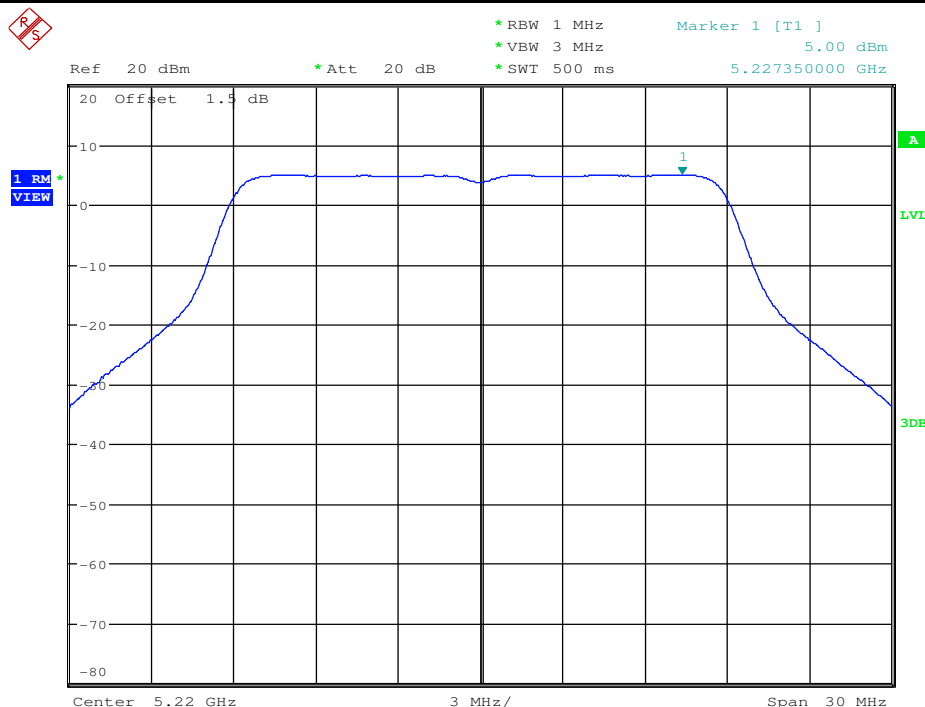
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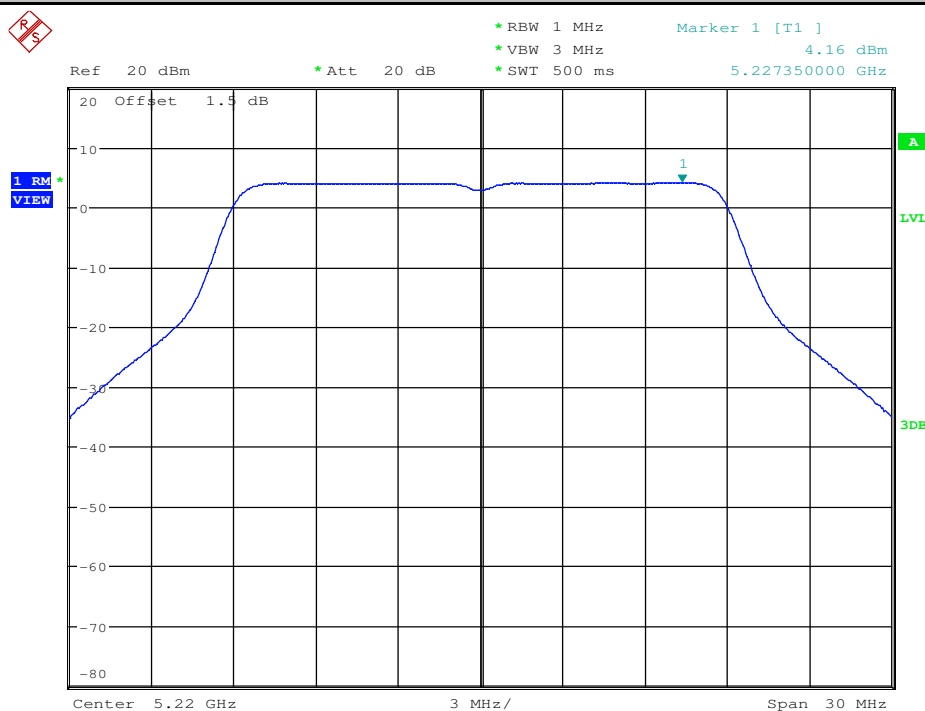
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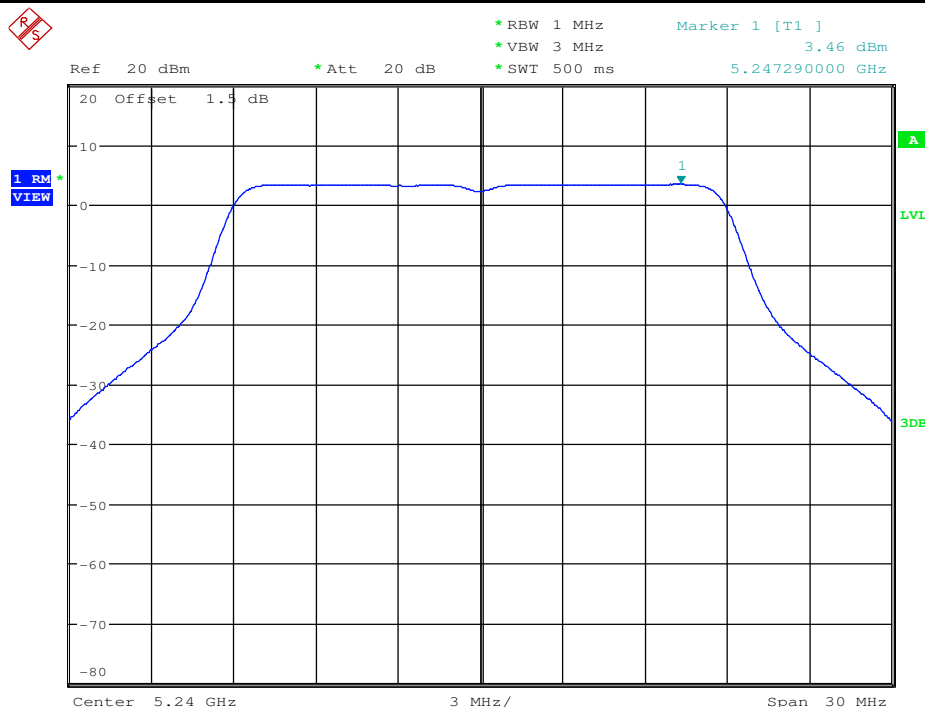
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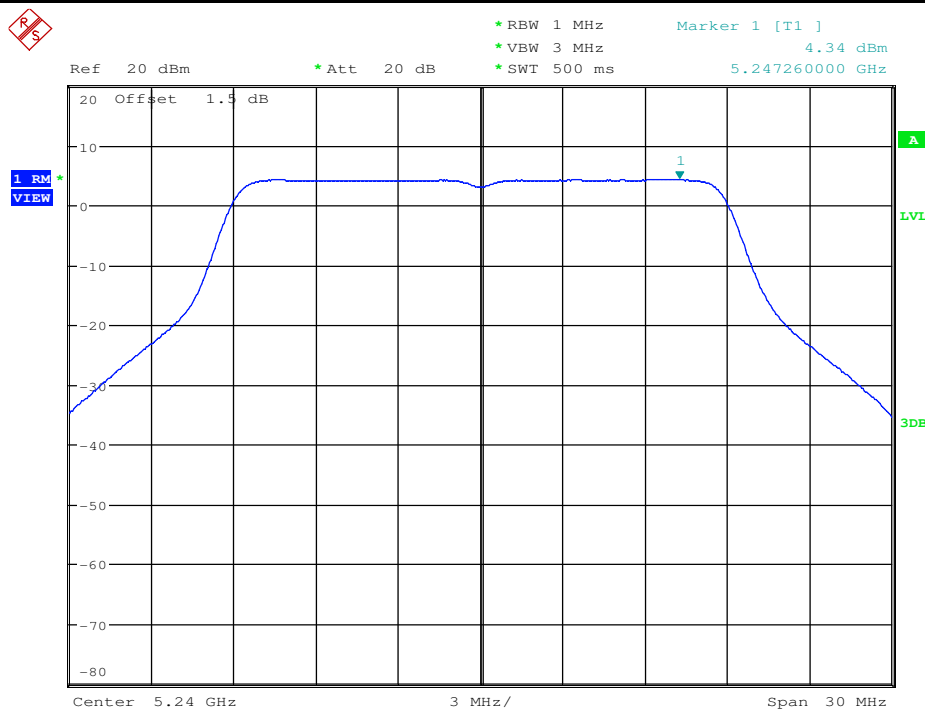
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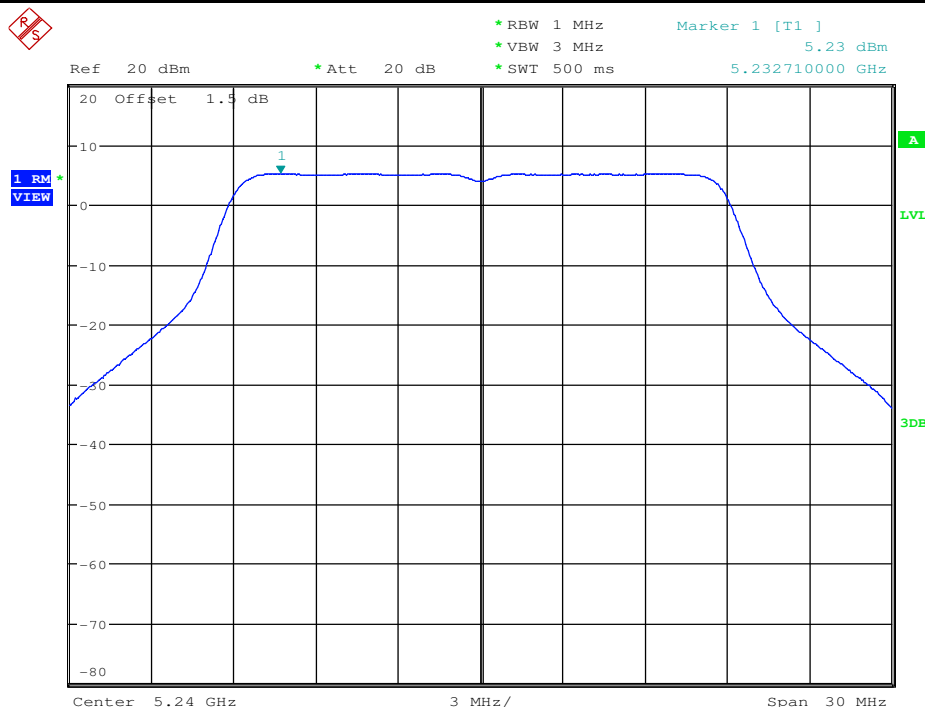
Maximum Power Spectral Density_TNVN_11N20_5240_Ant1



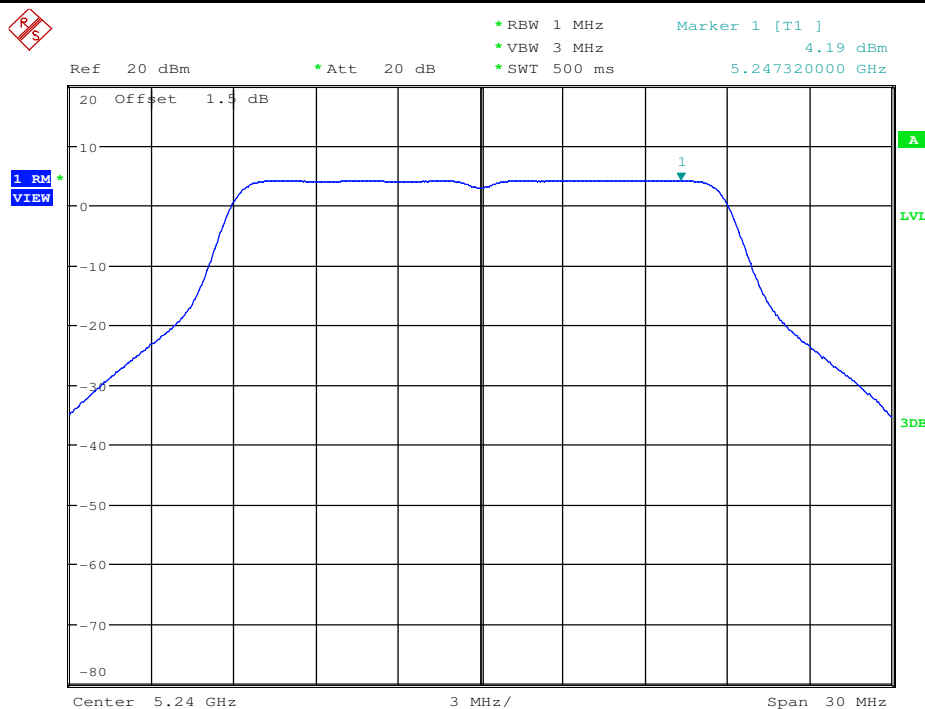
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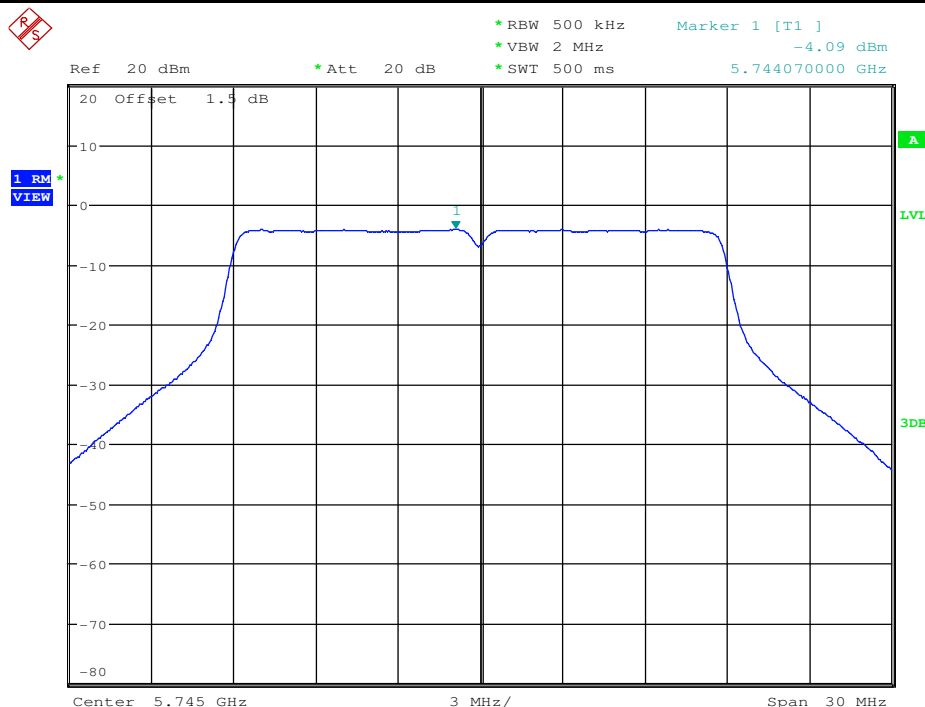
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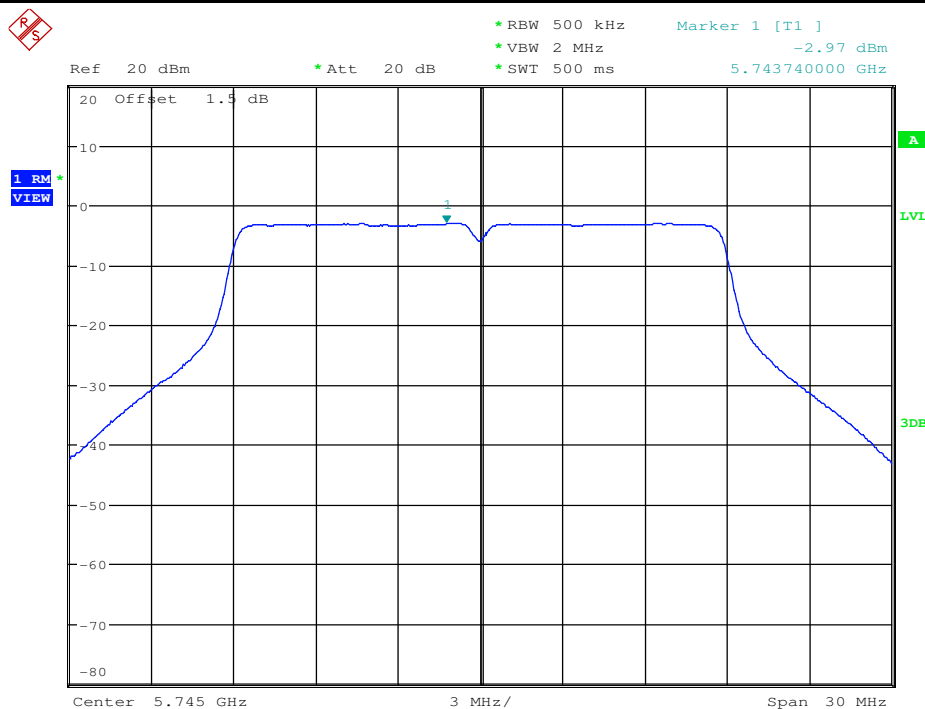
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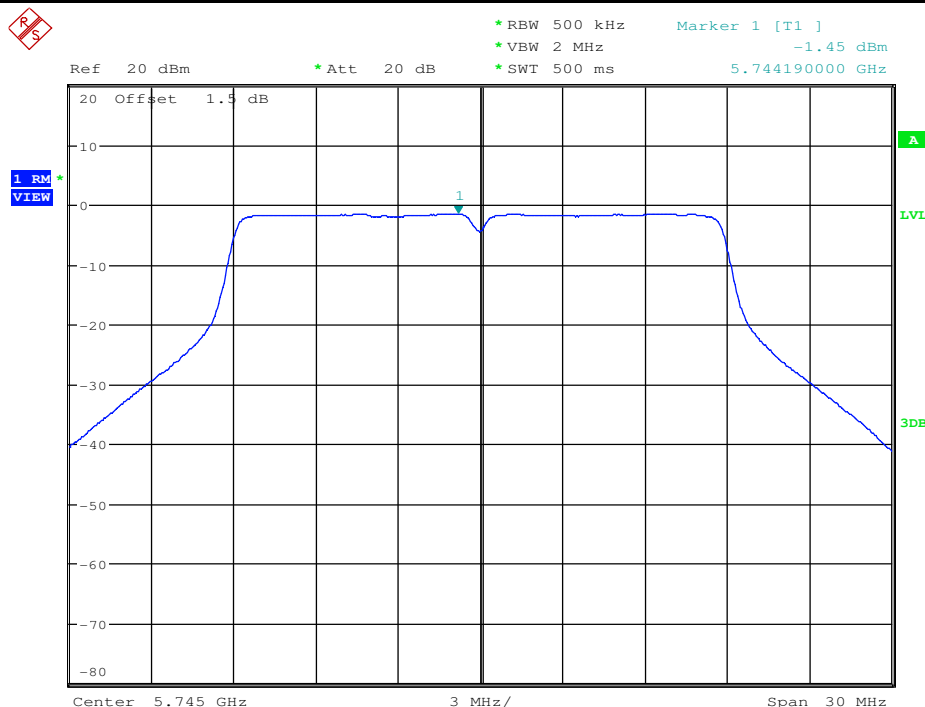
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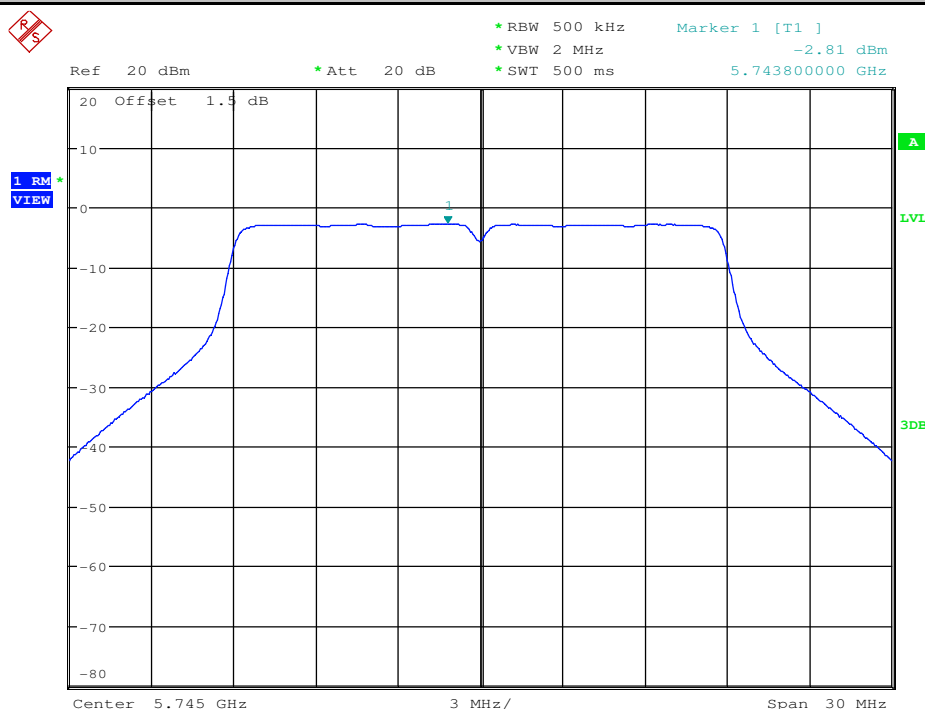
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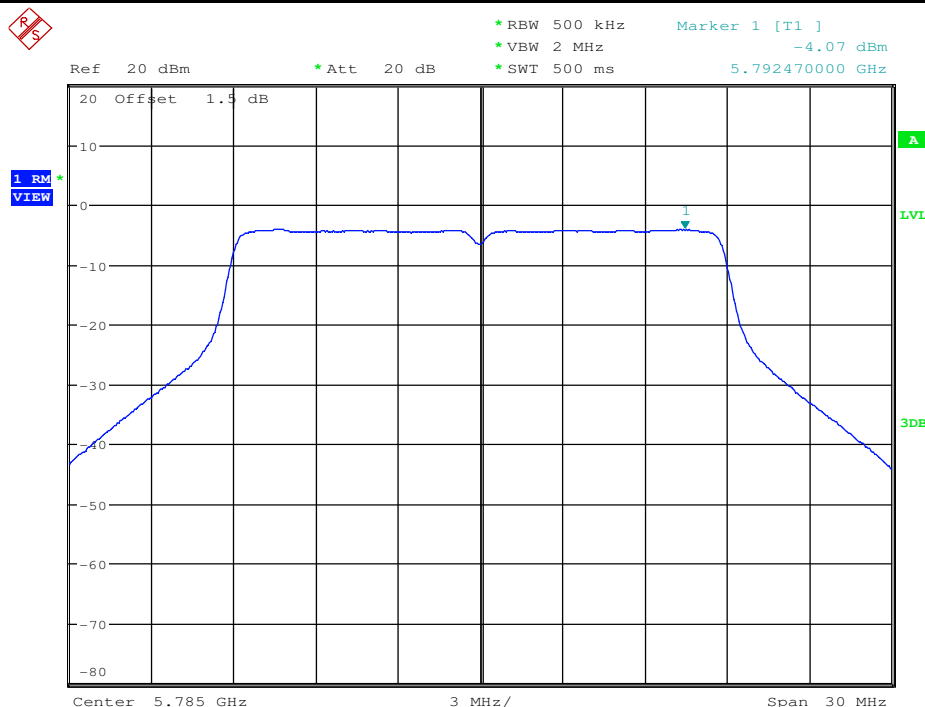
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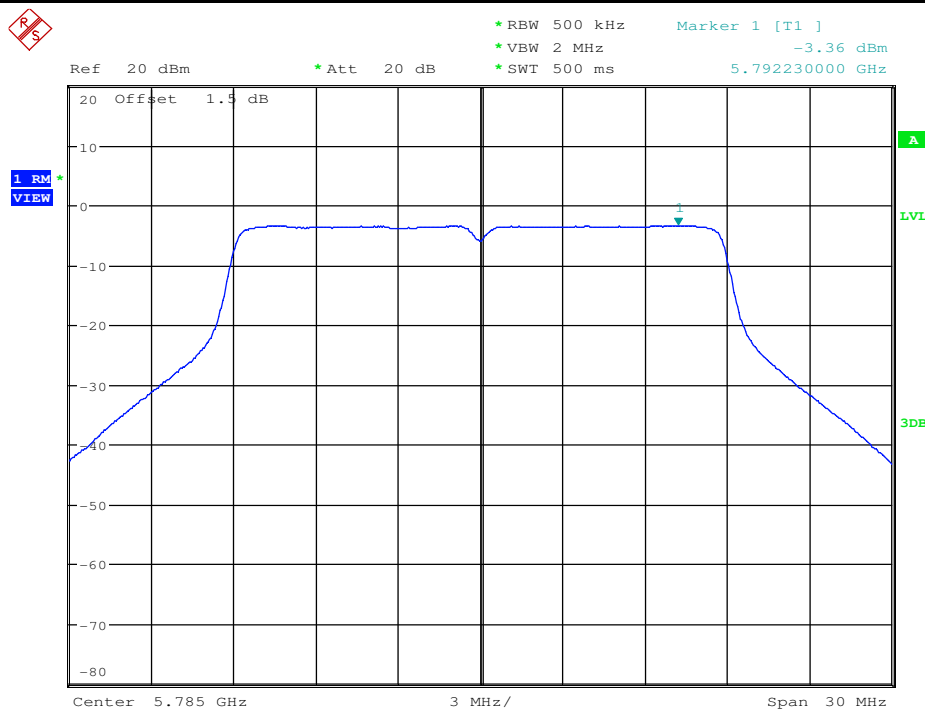
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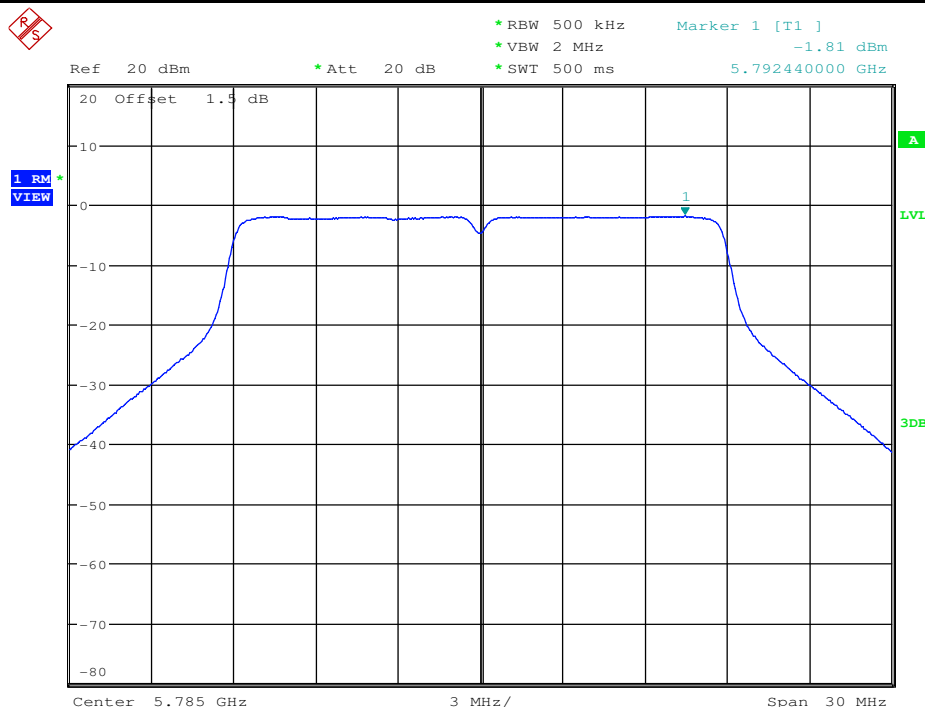
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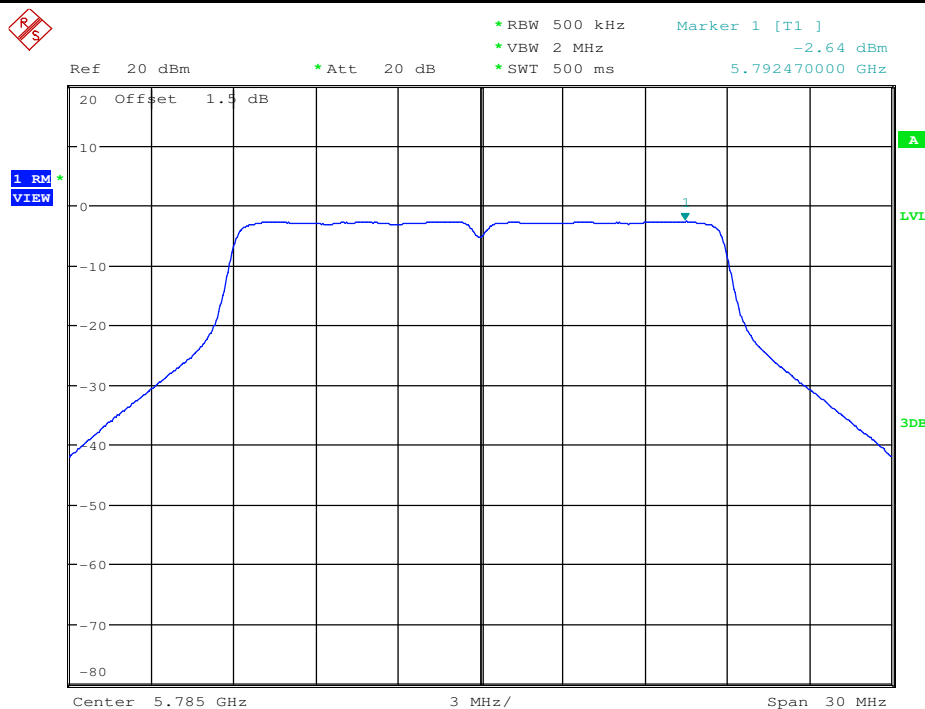
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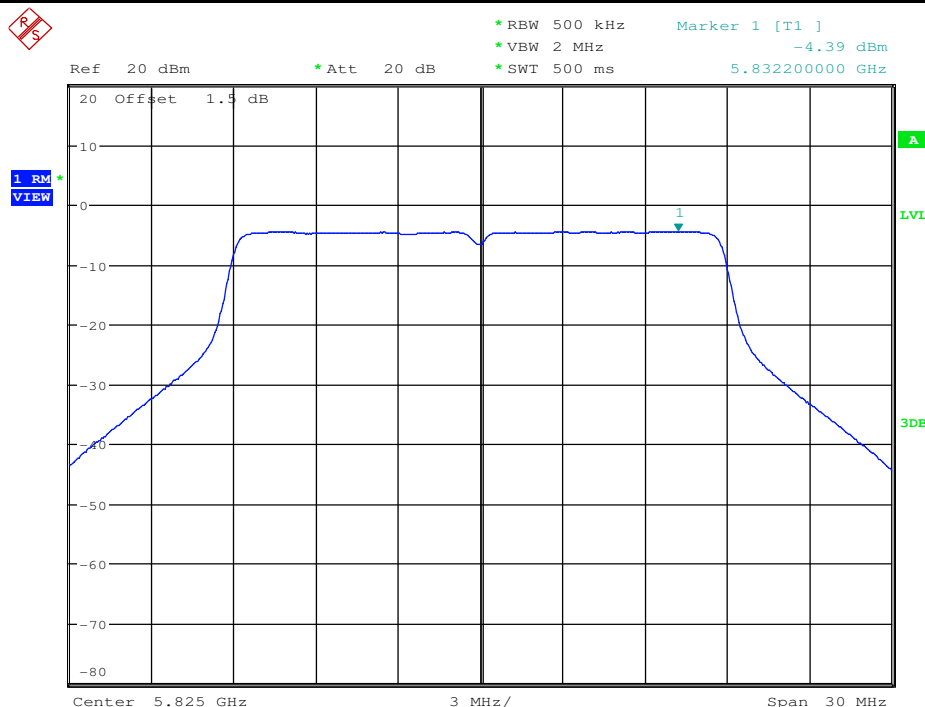
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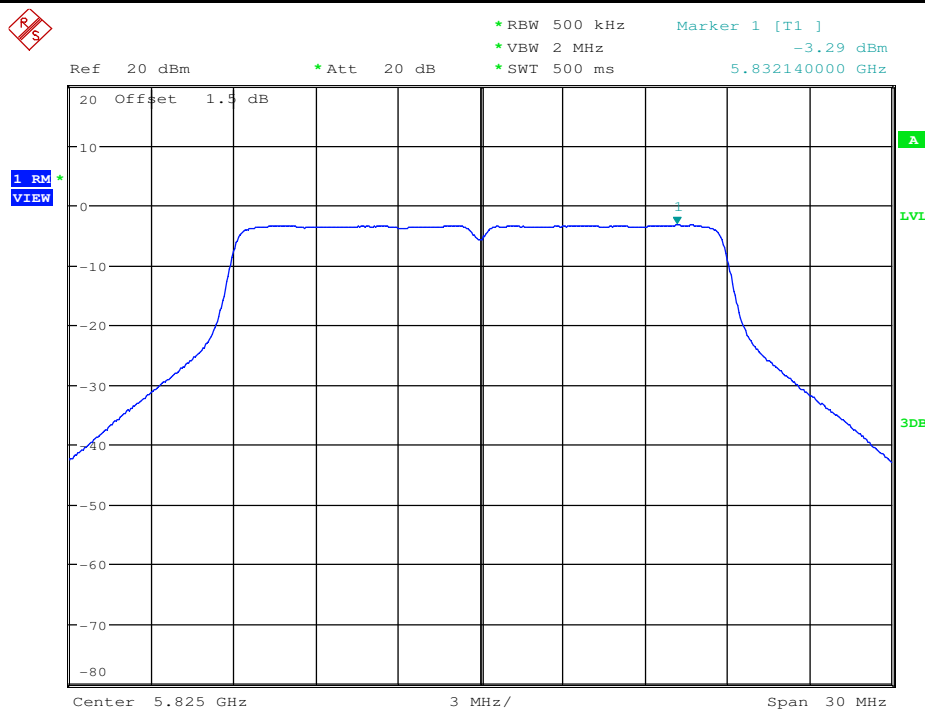
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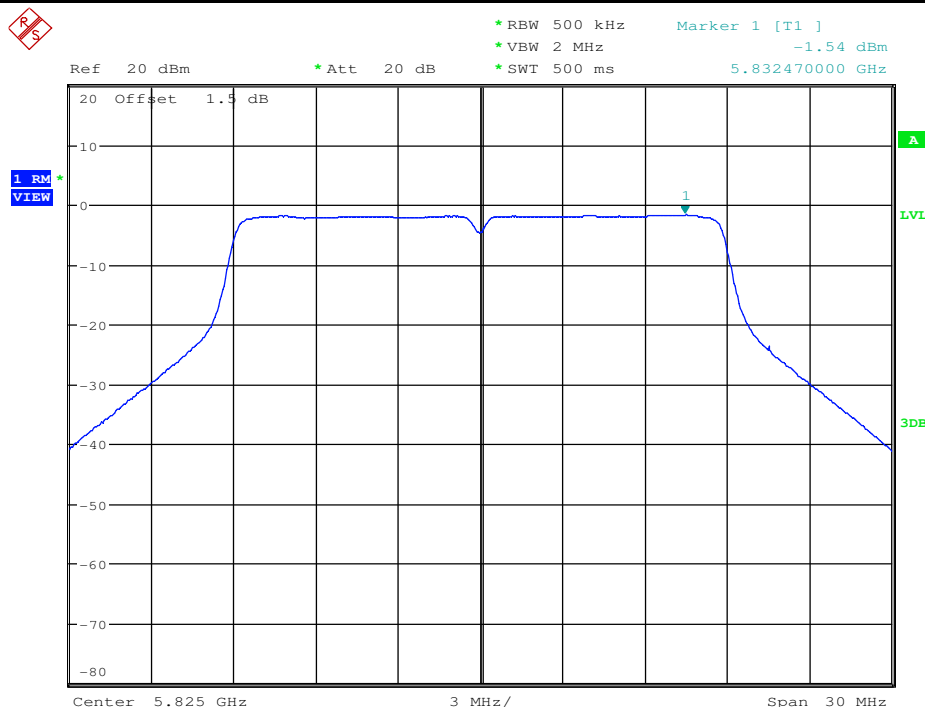
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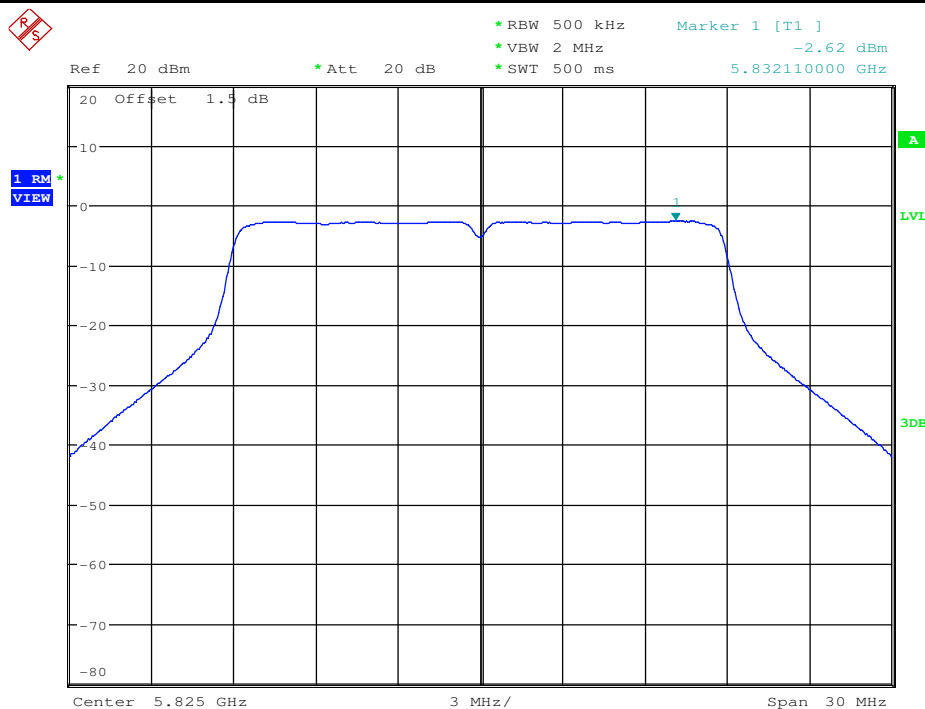
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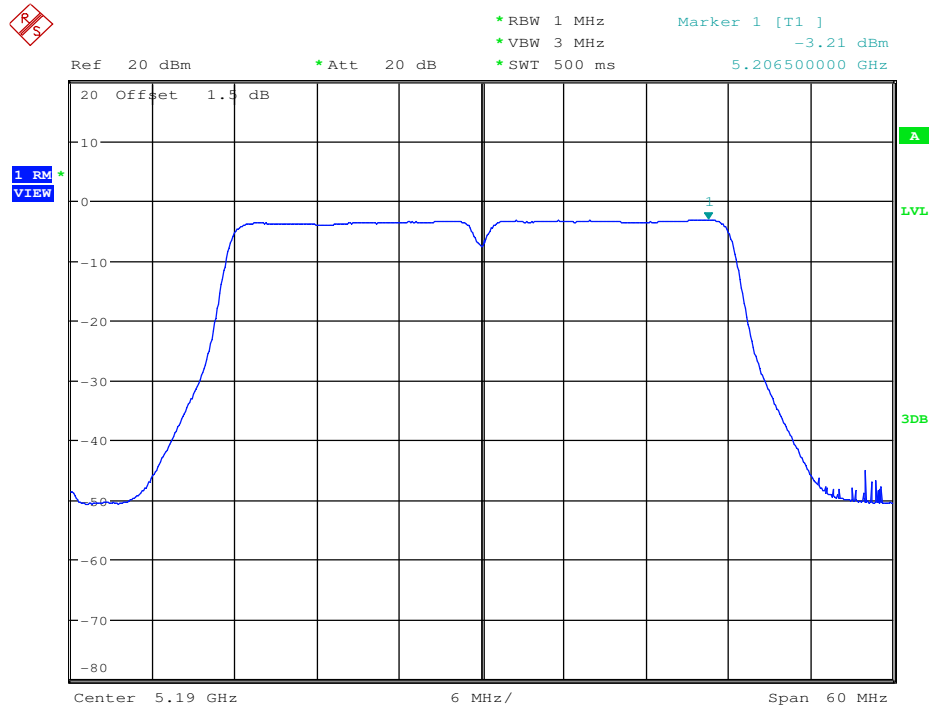
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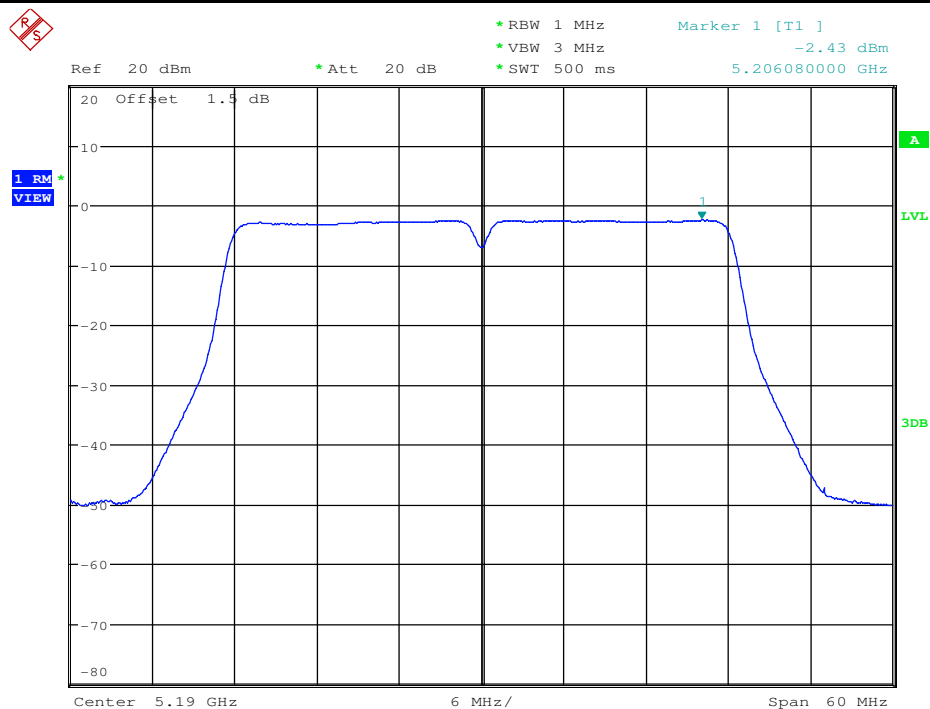
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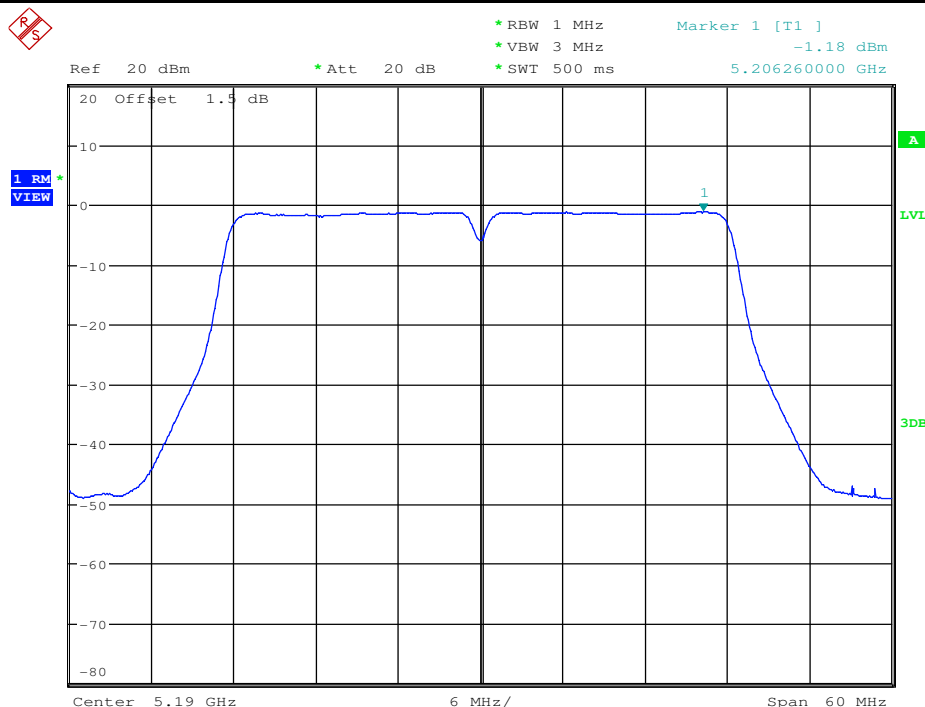
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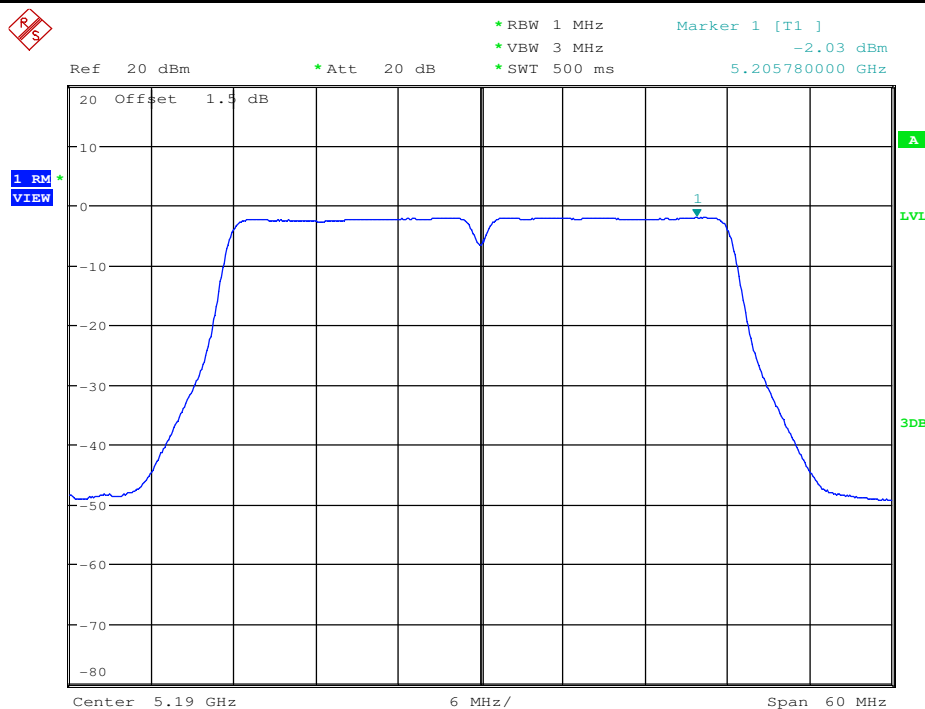
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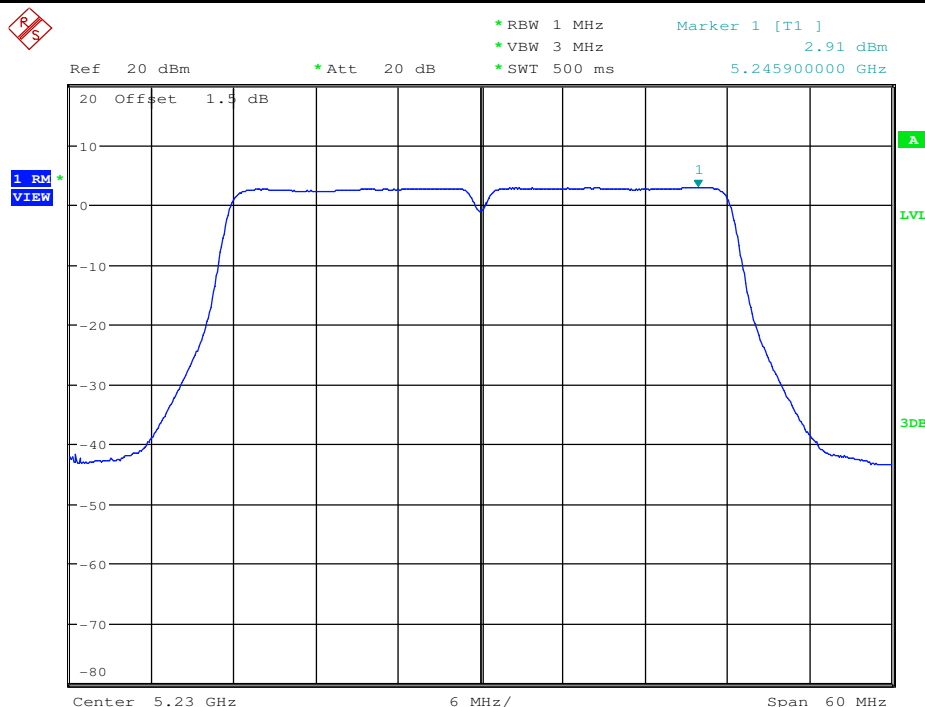
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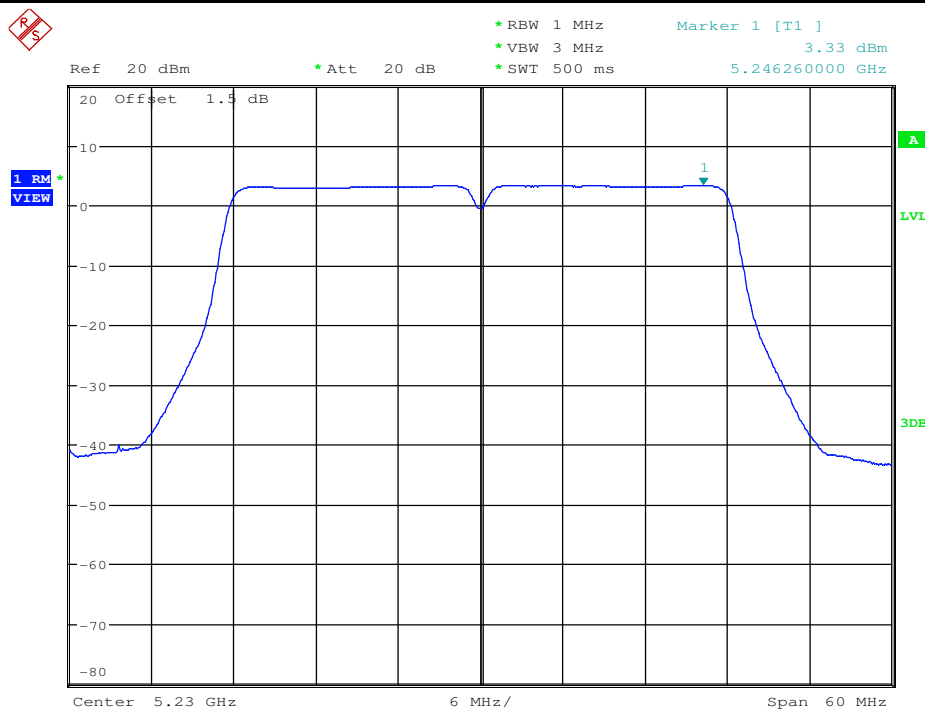
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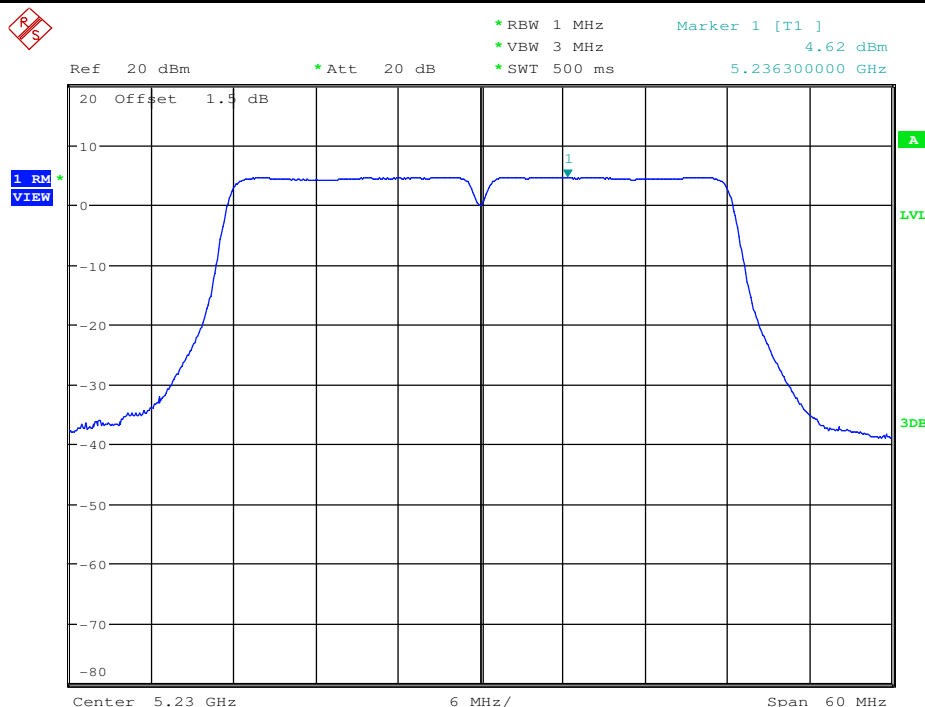
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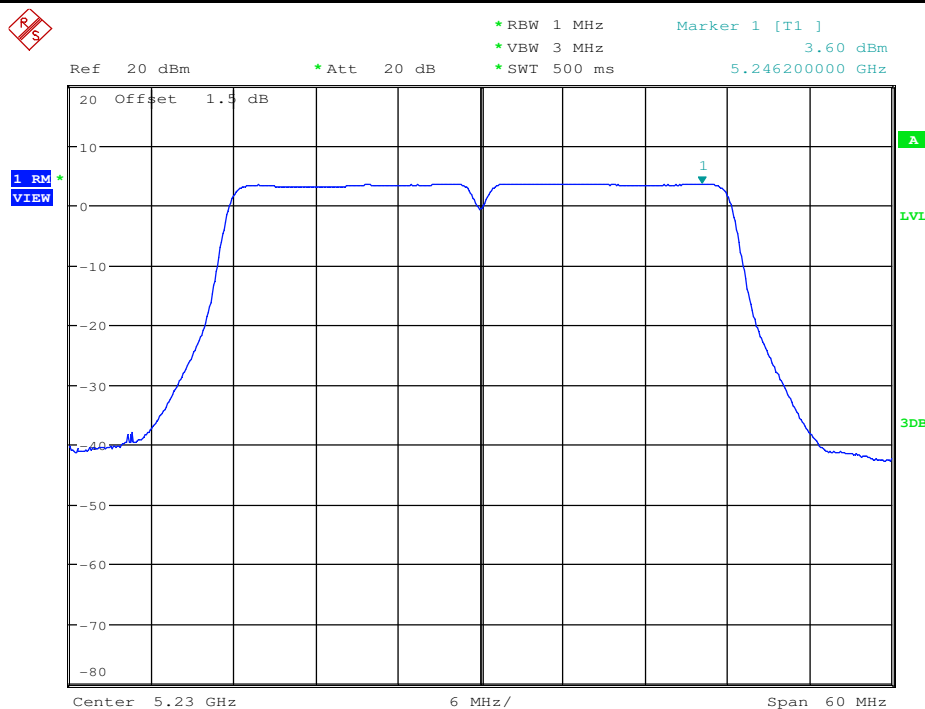
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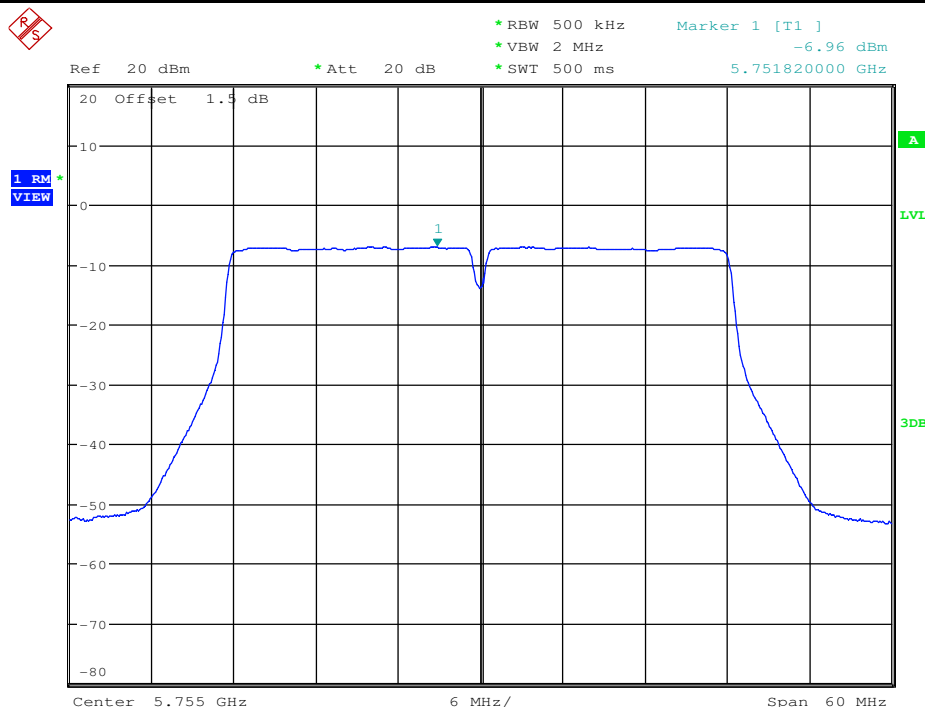
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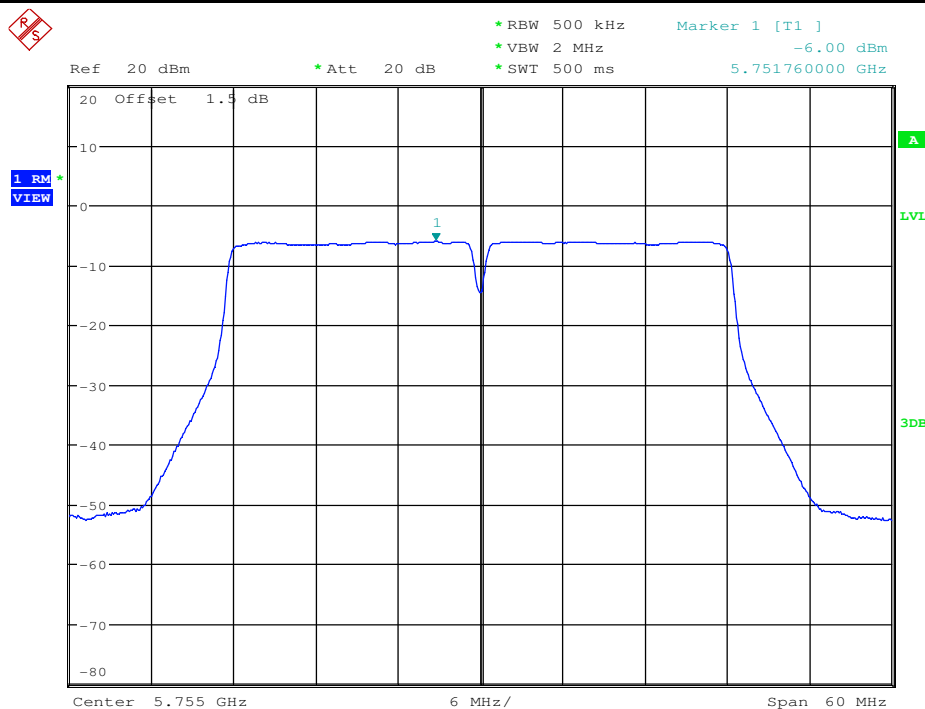
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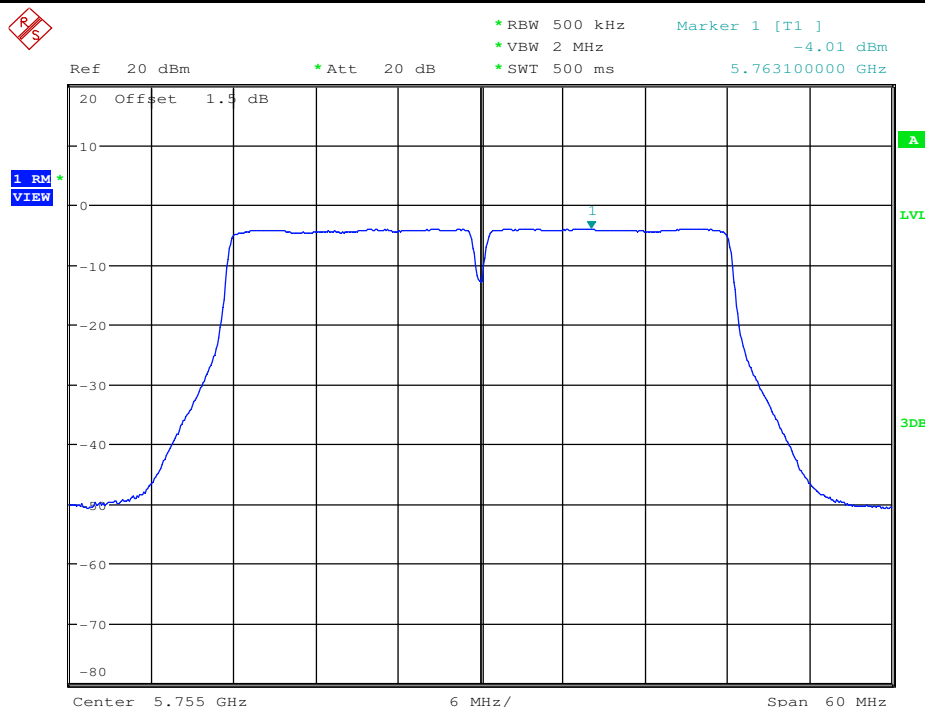
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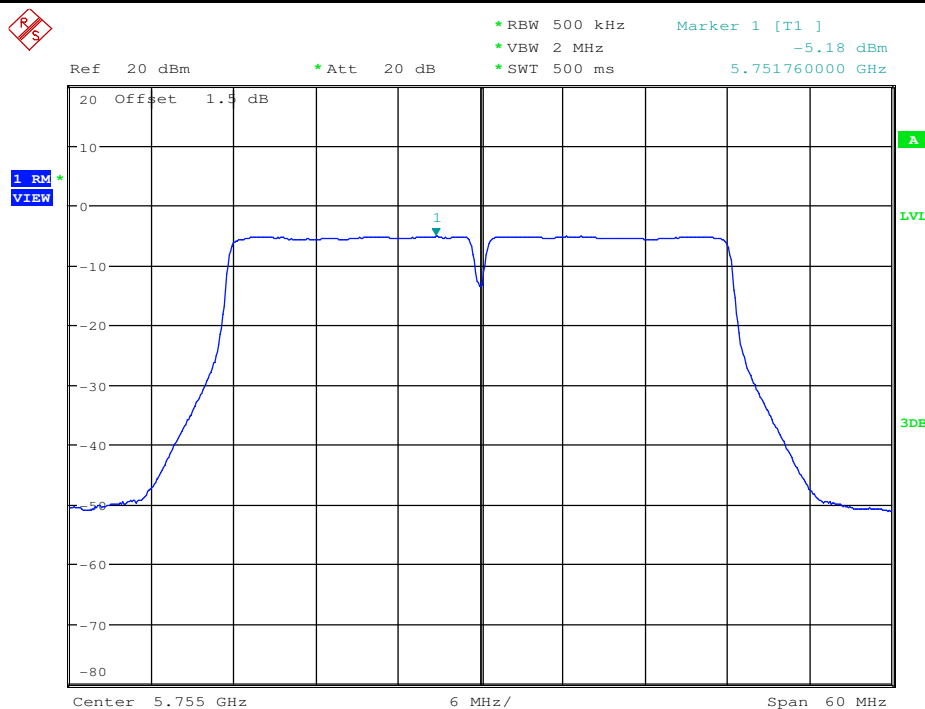
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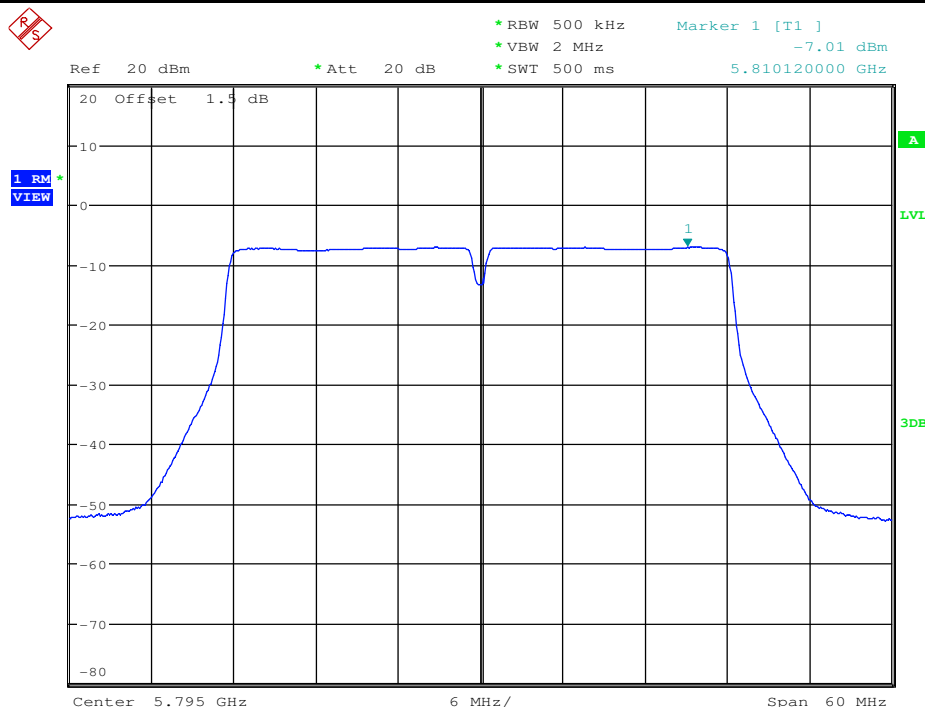
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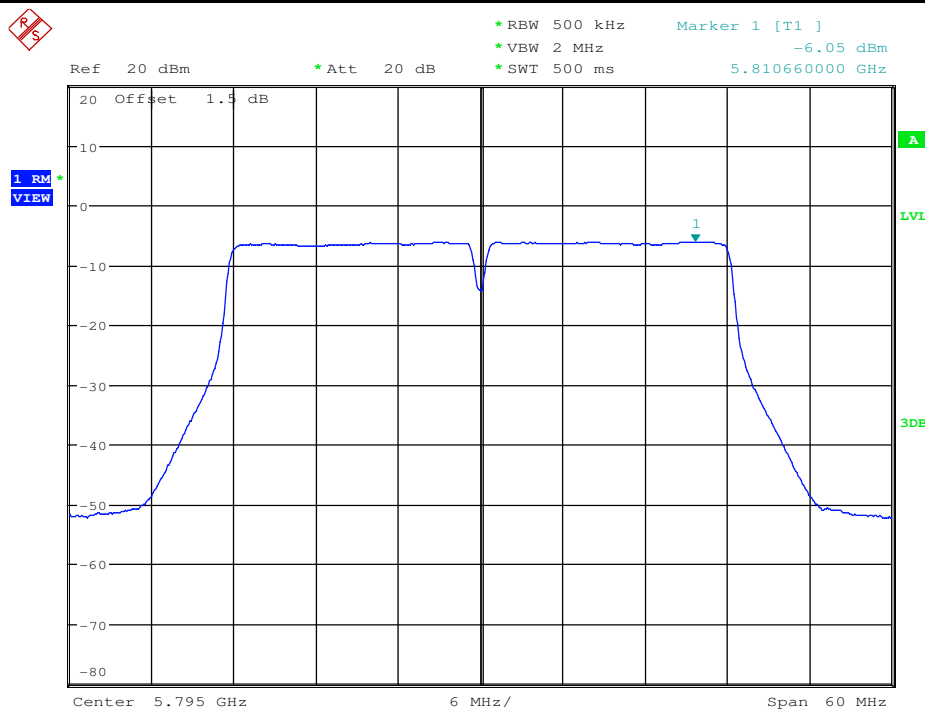
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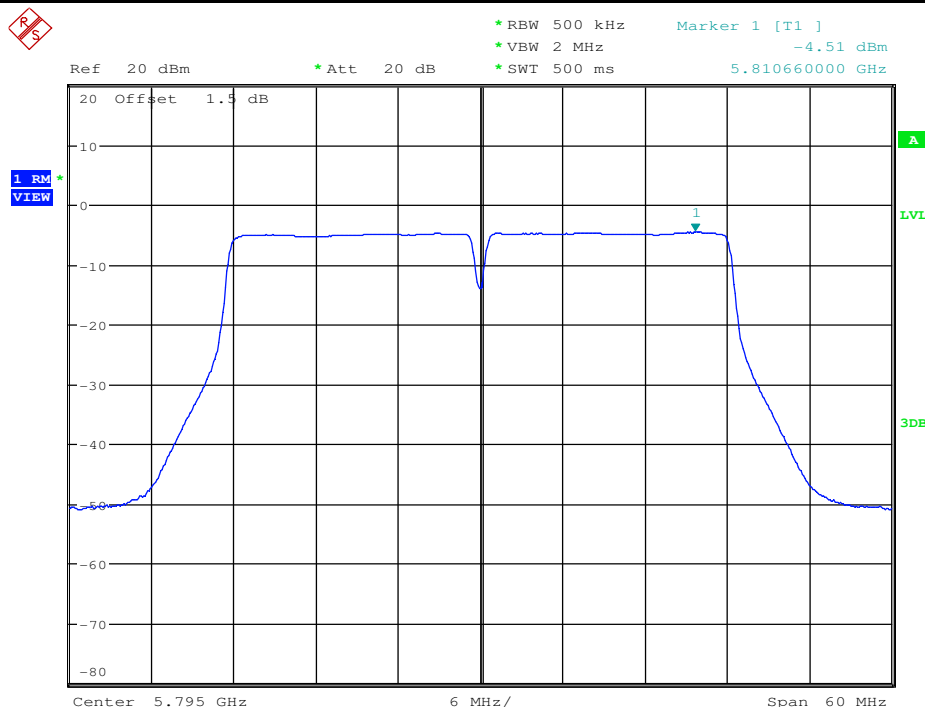
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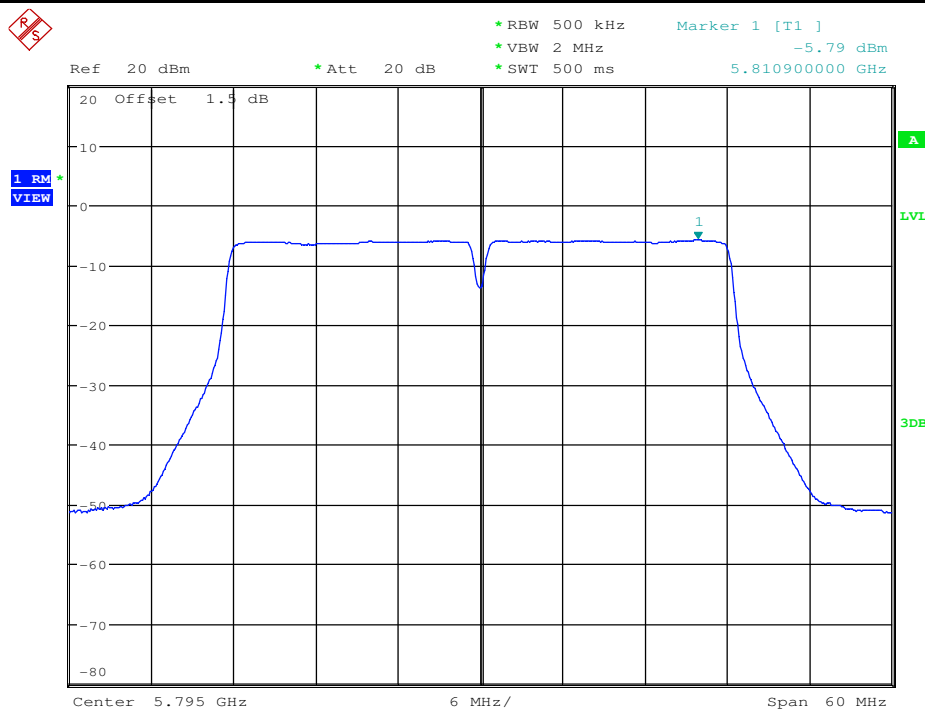
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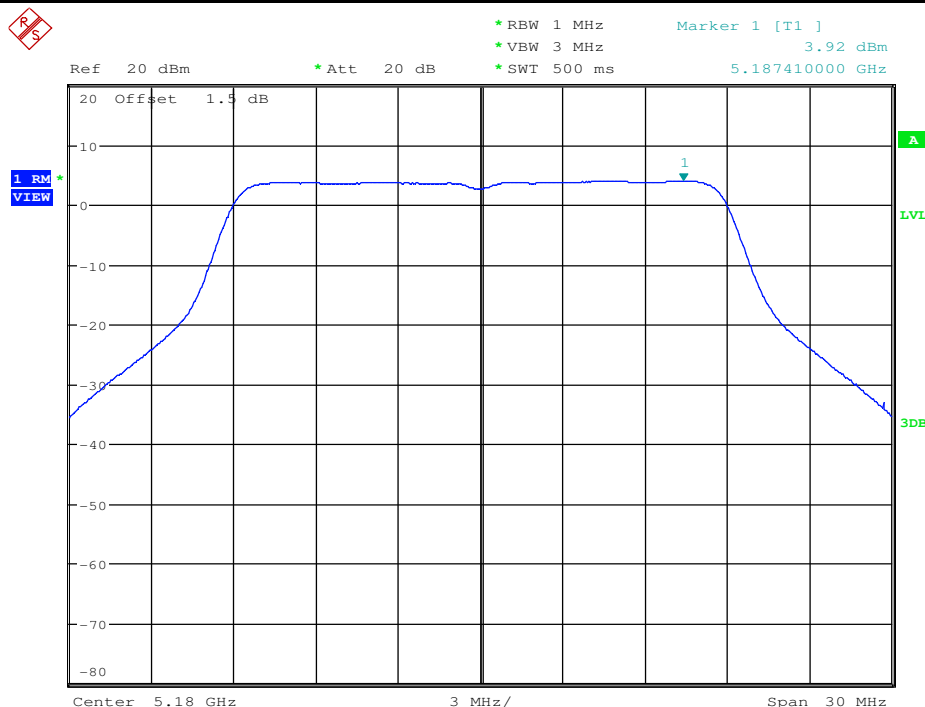
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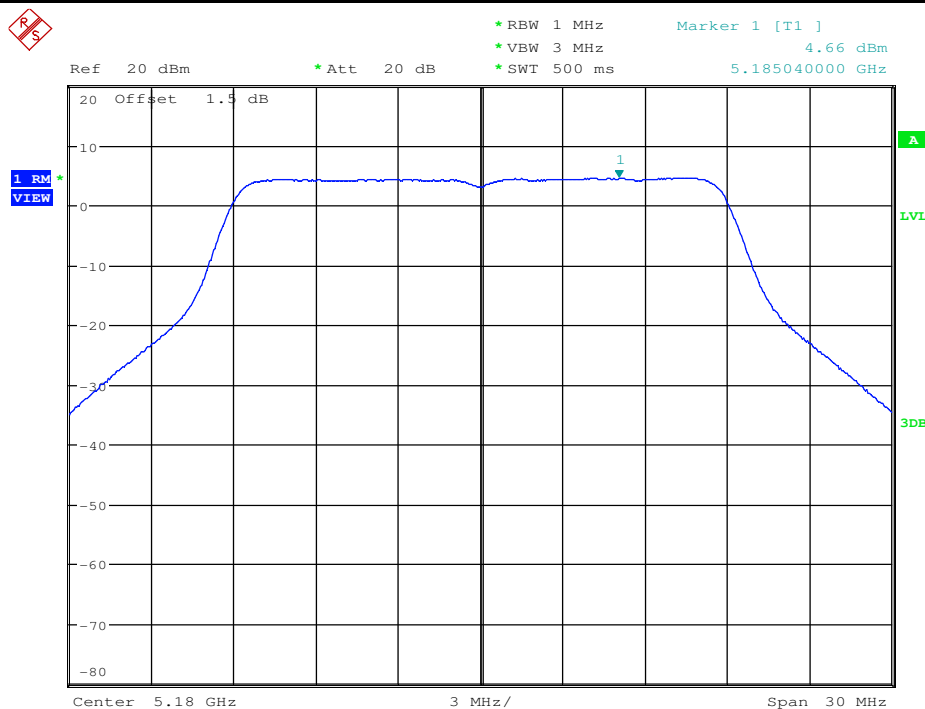
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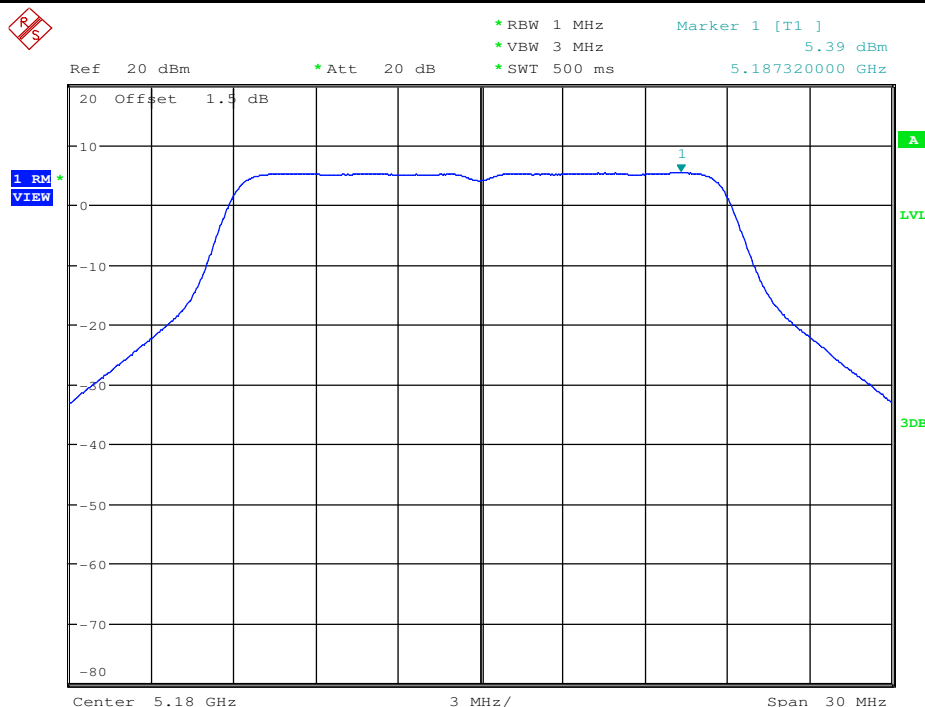
Maximum Power Spectral Density_TNVN_11AC20_5180_Ant1



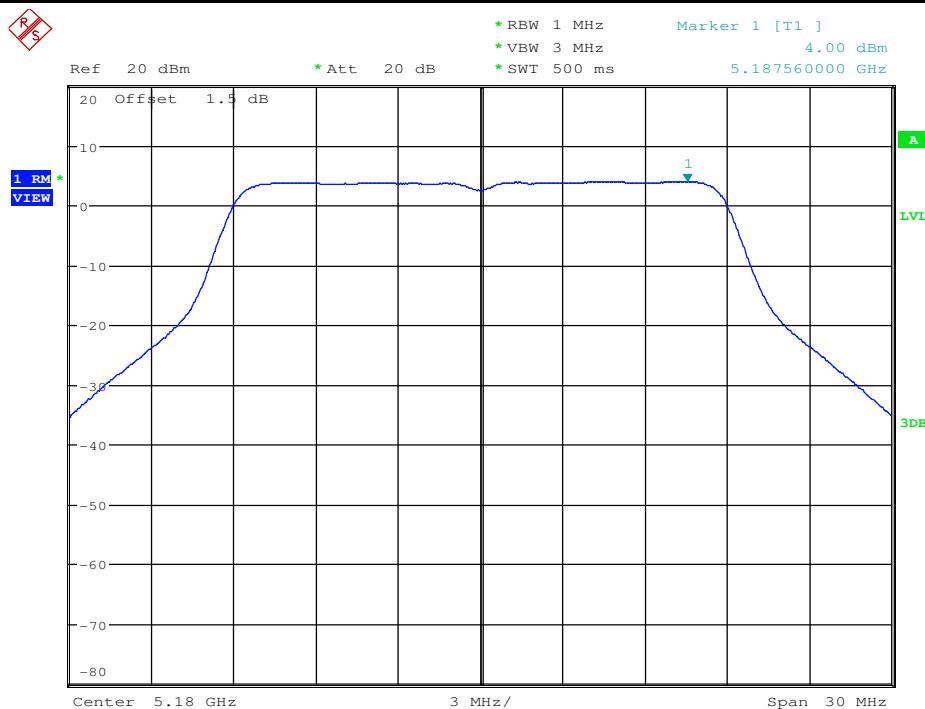
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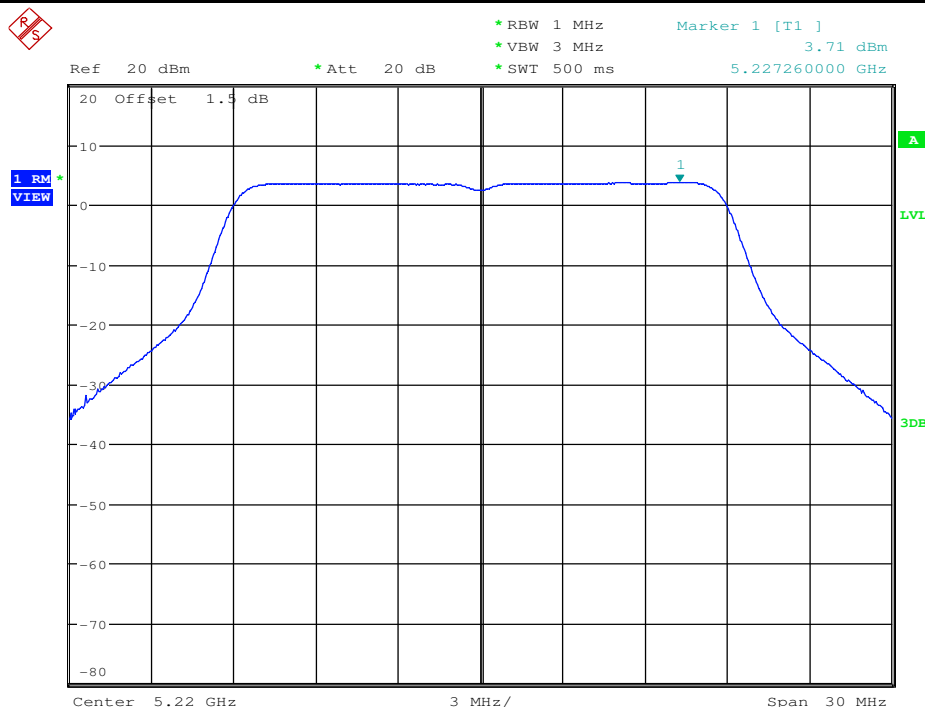
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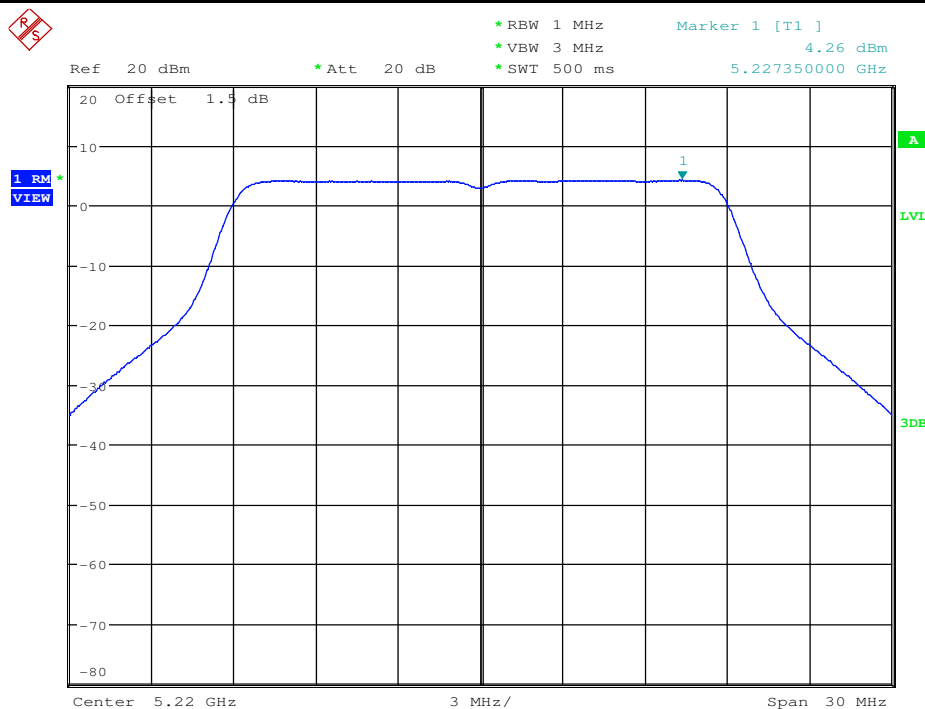
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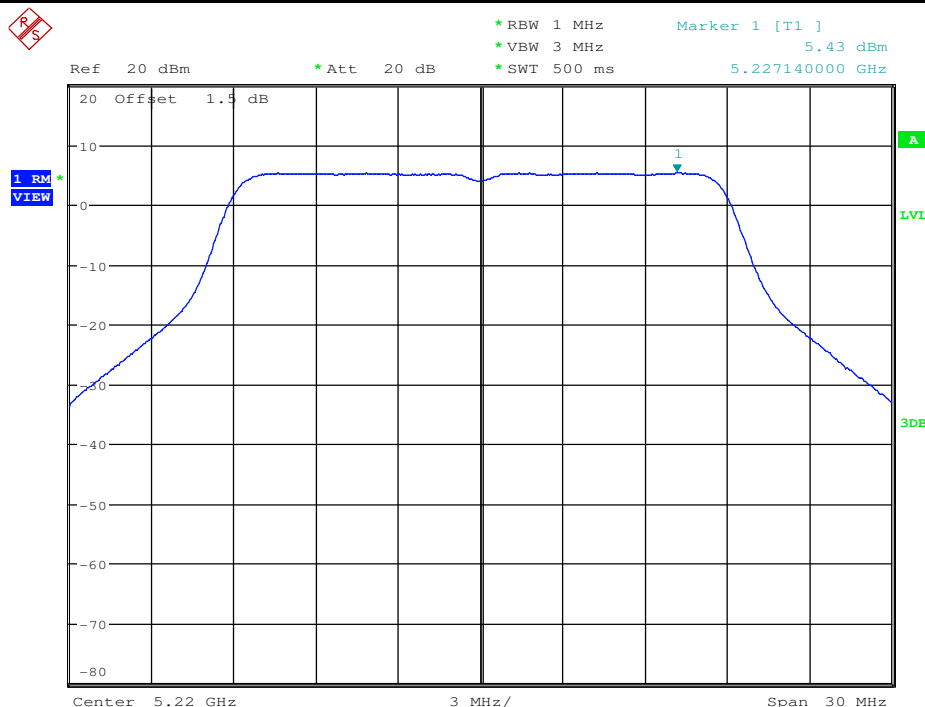
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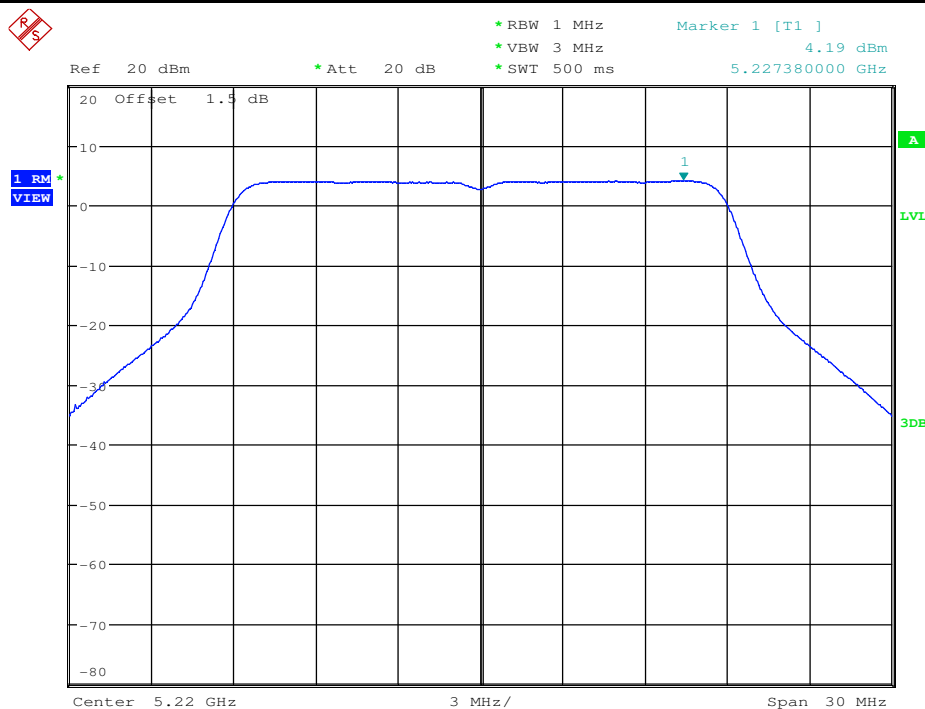
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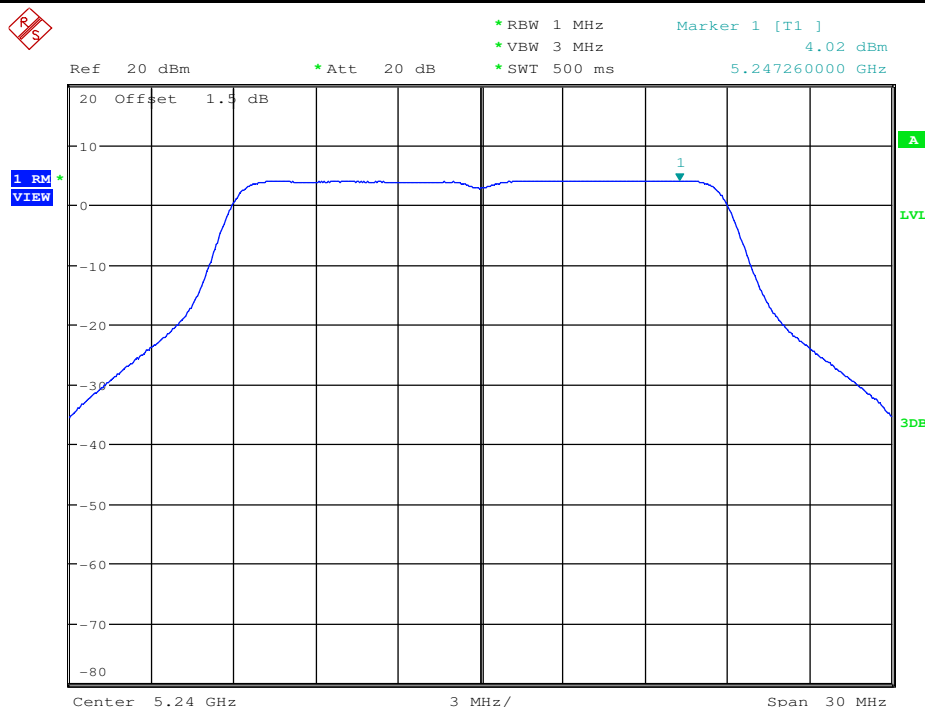
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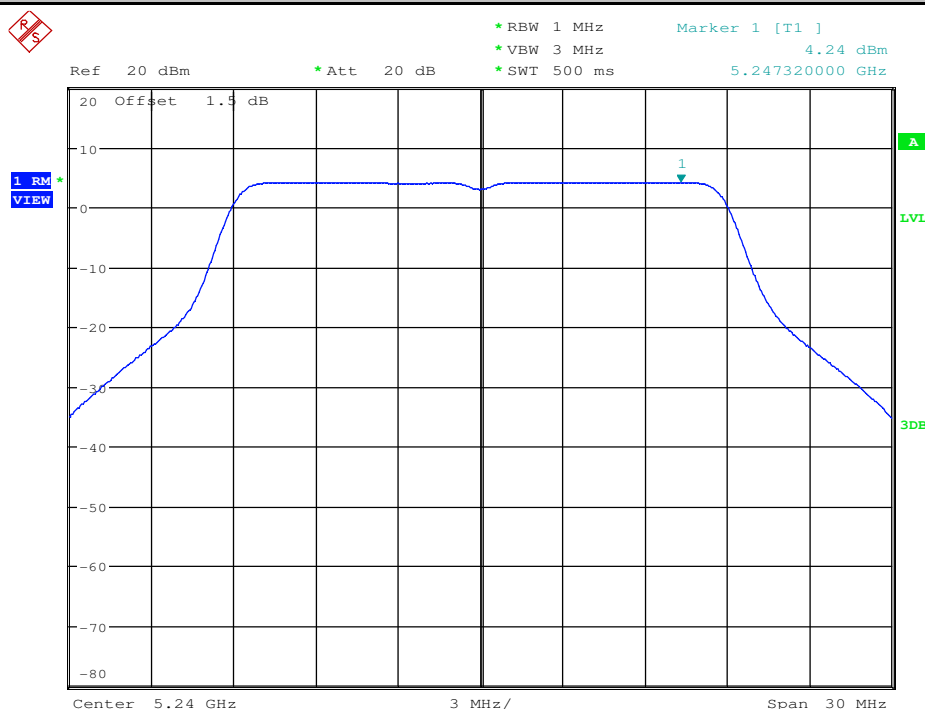
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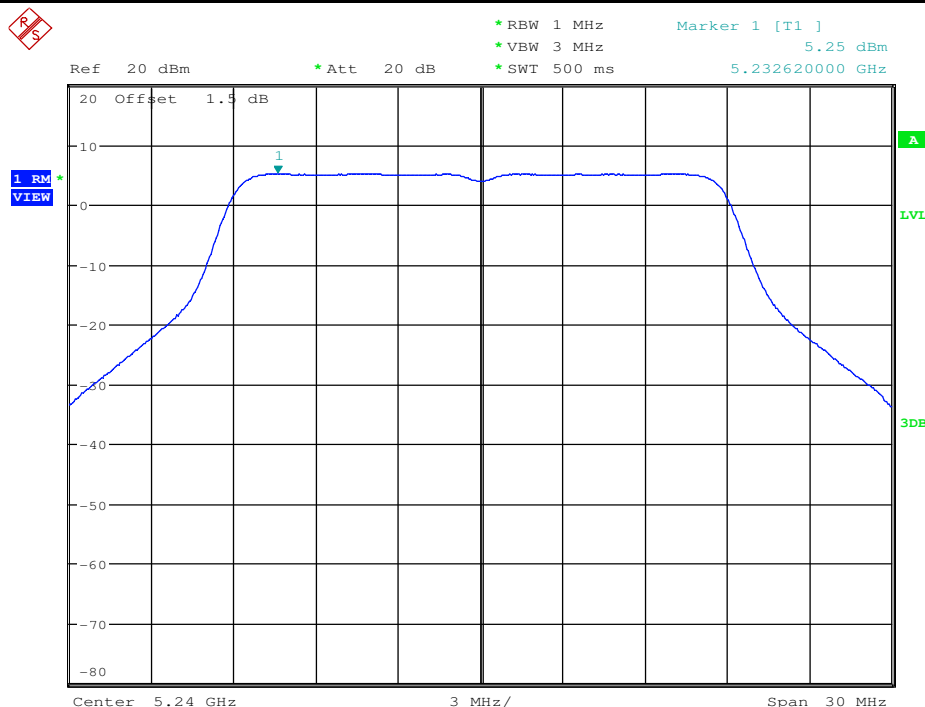
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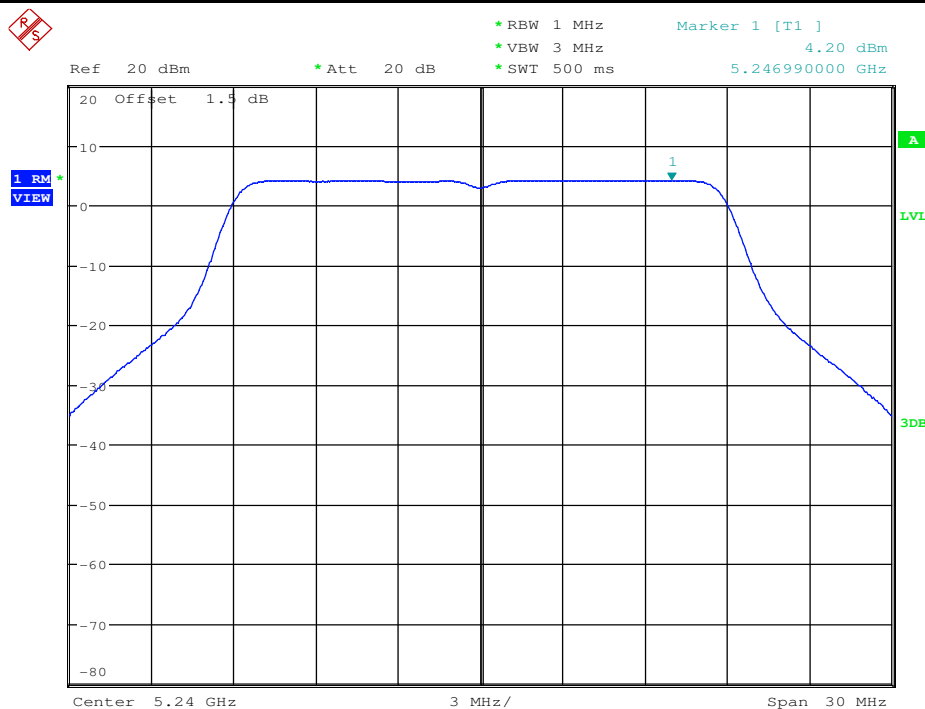
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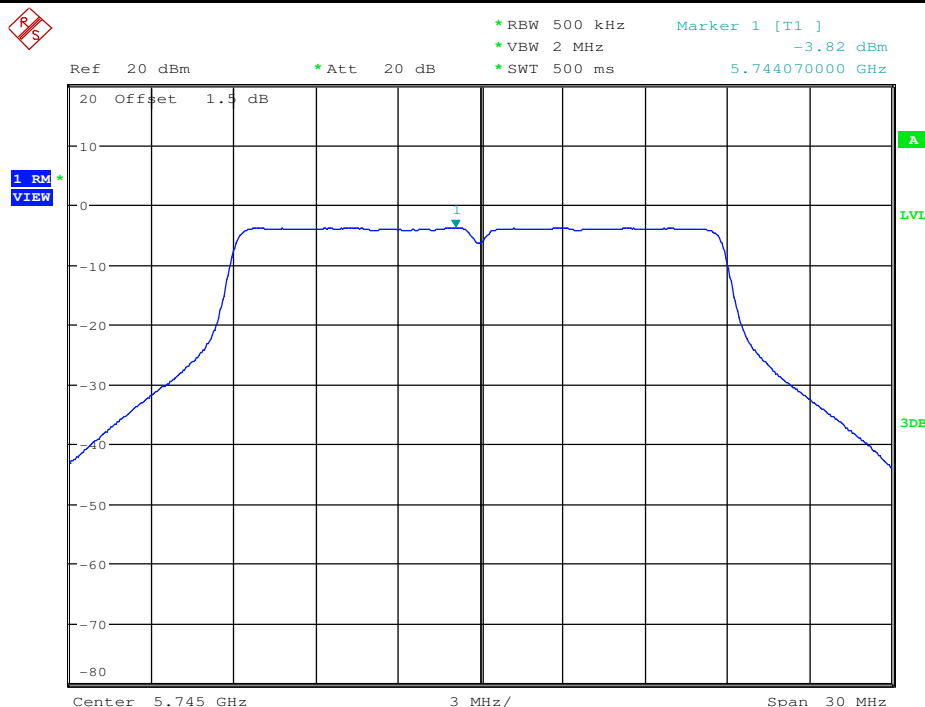
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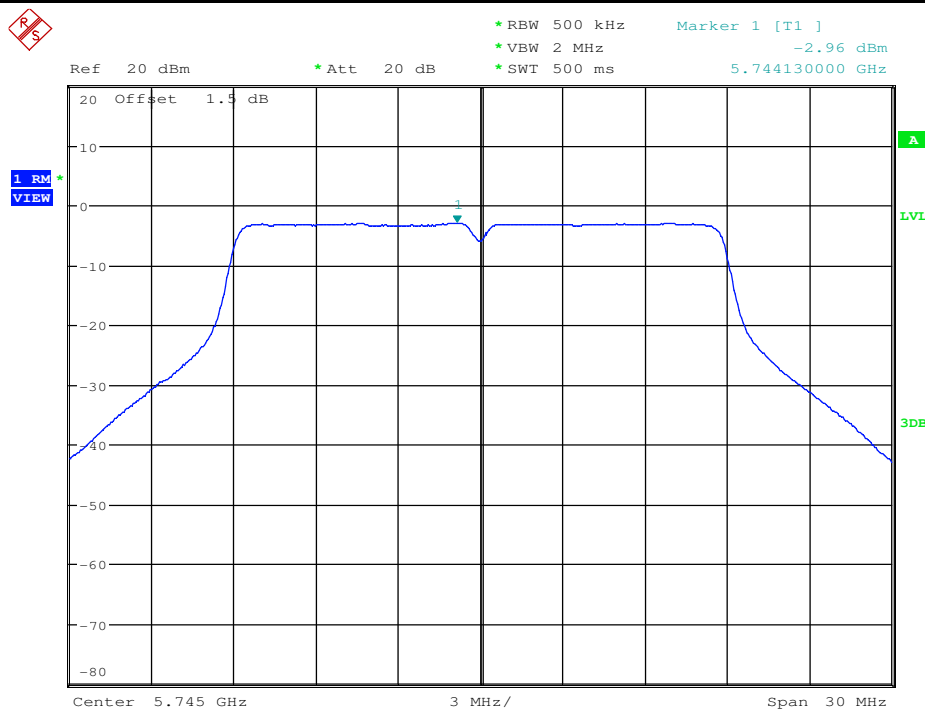
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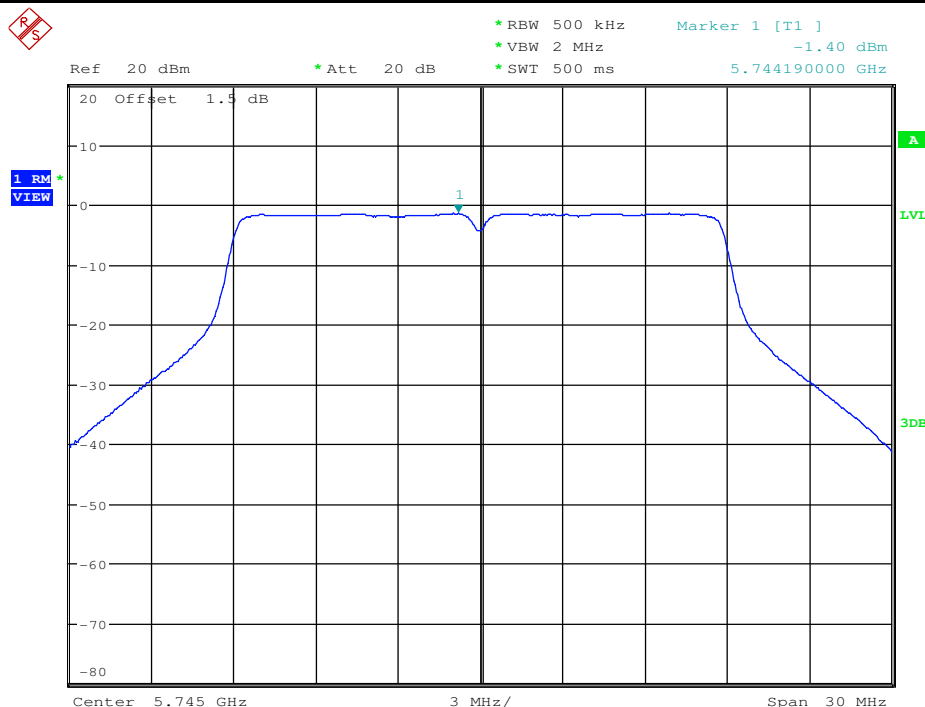
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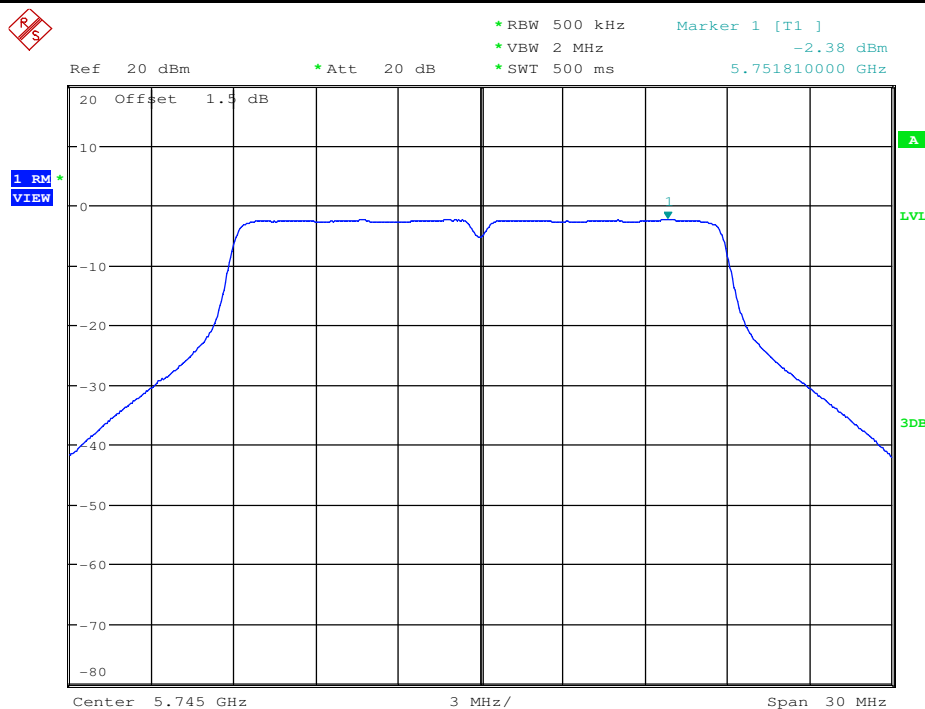
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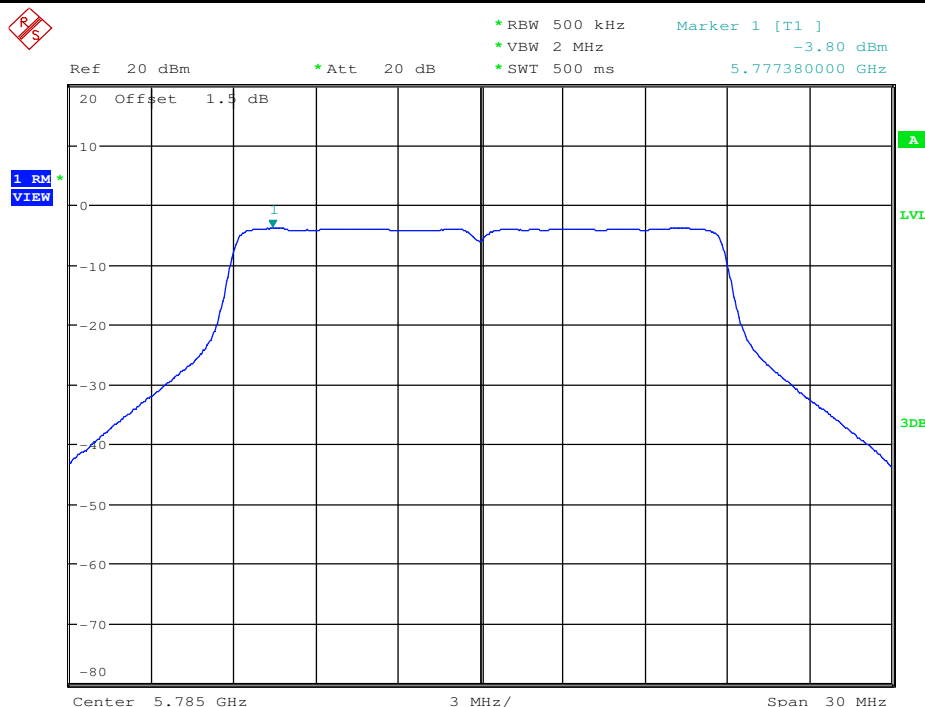
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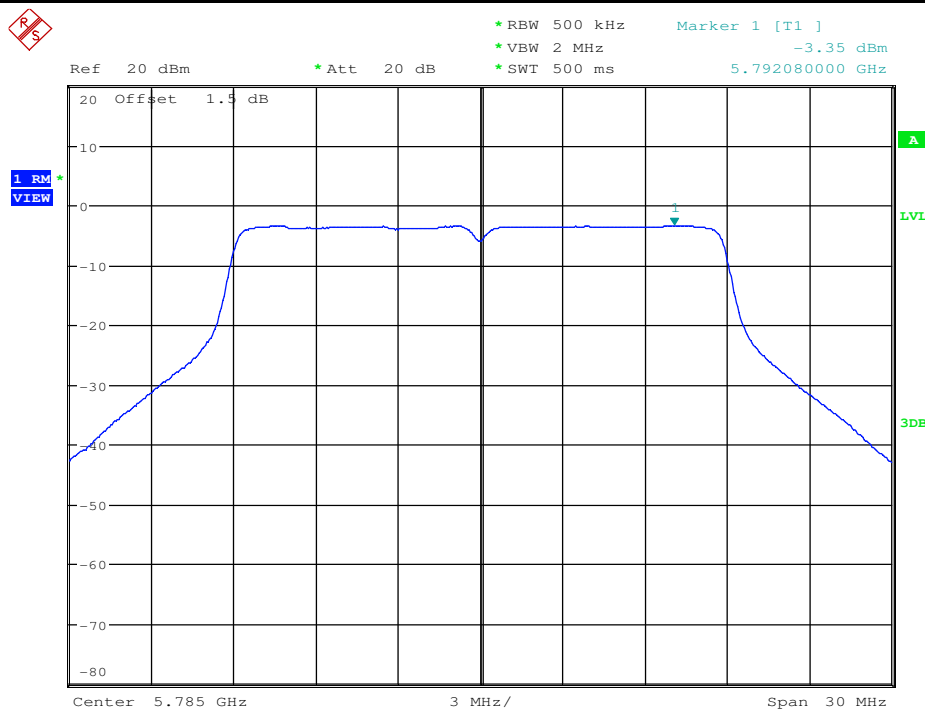
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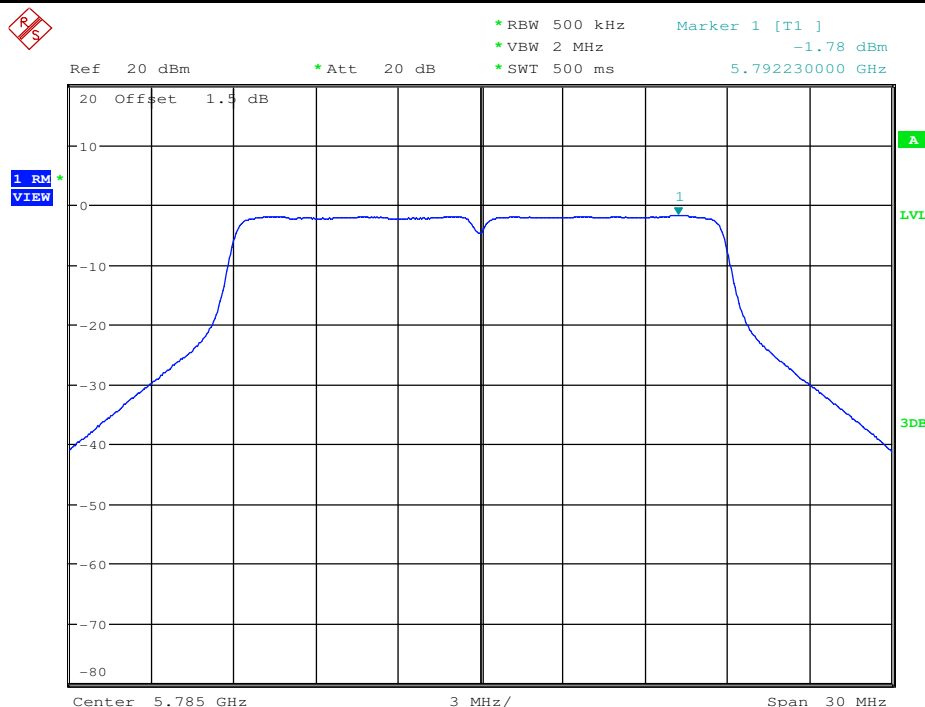
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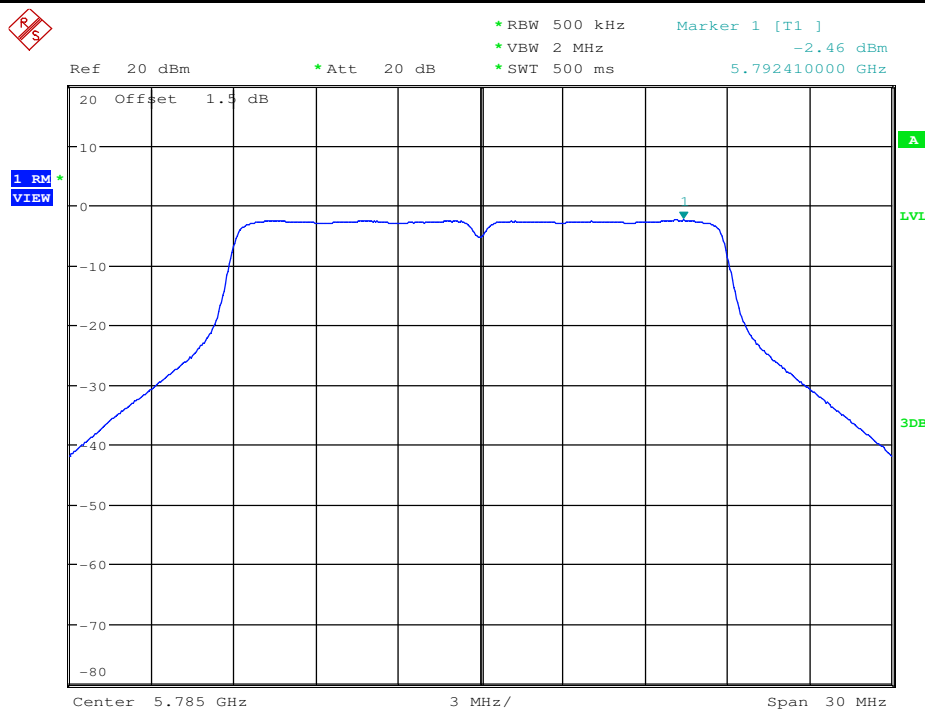
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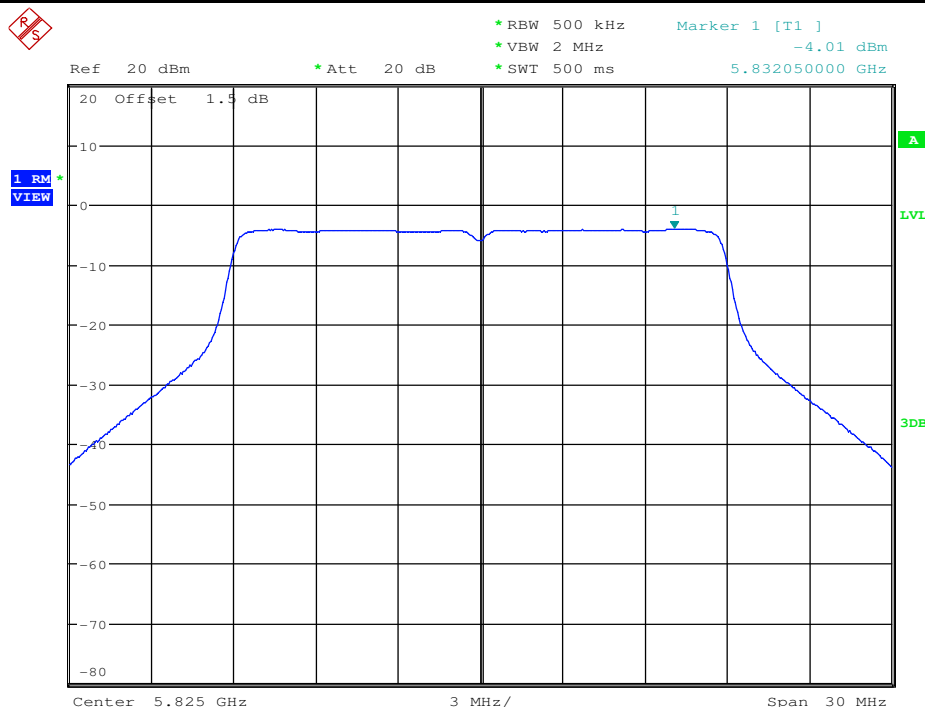
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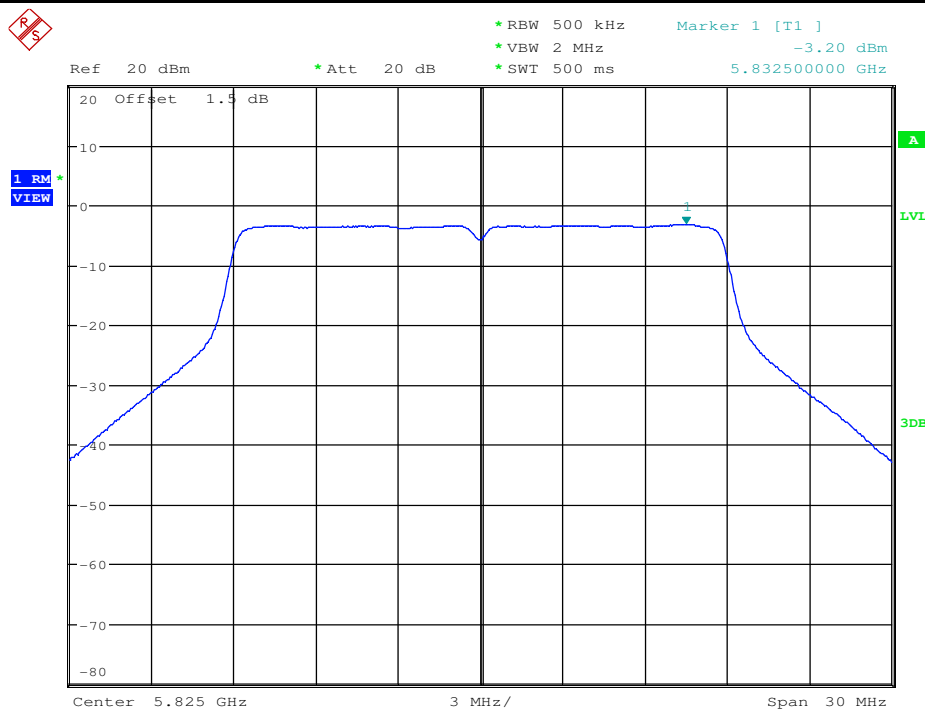
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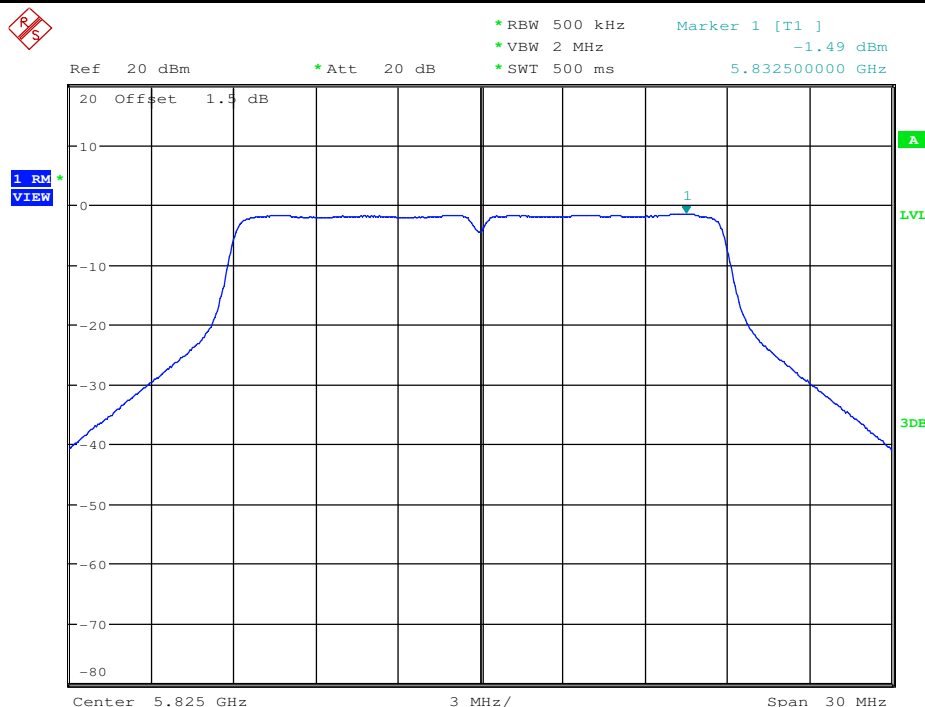
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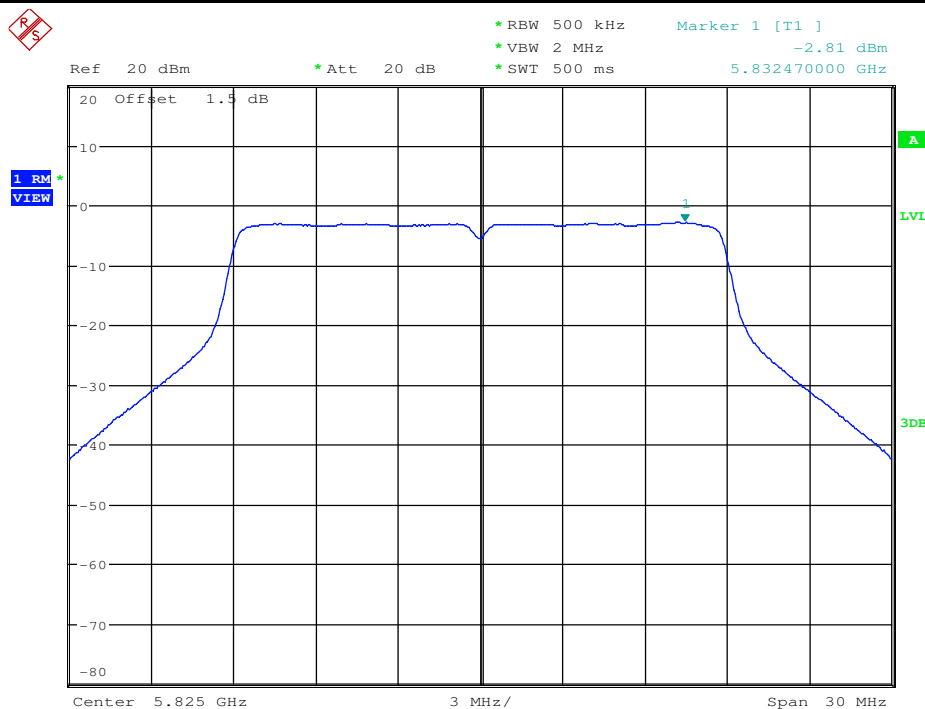
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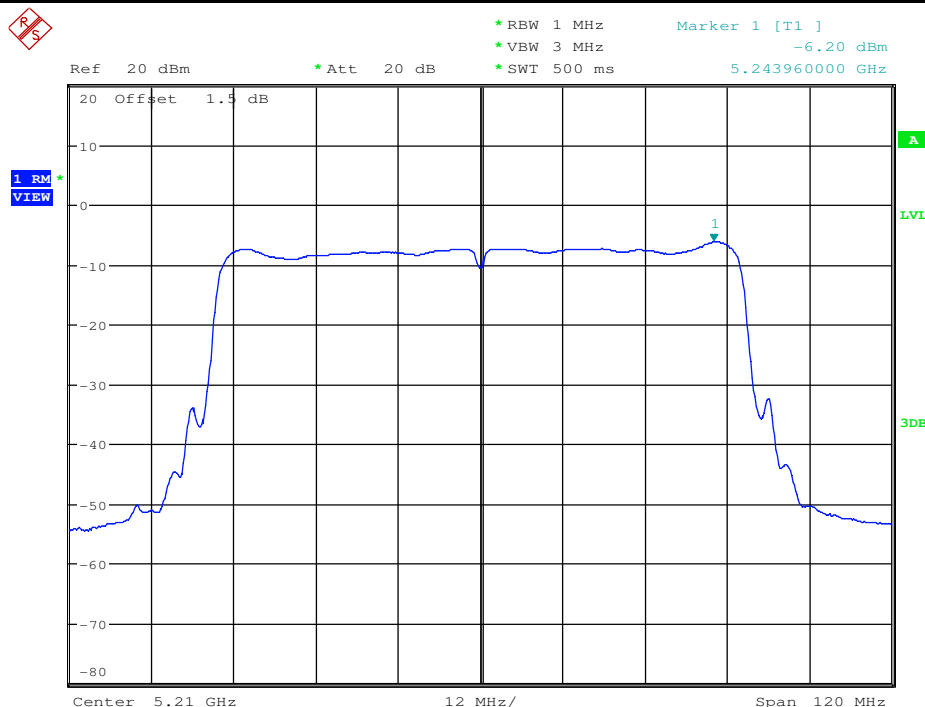
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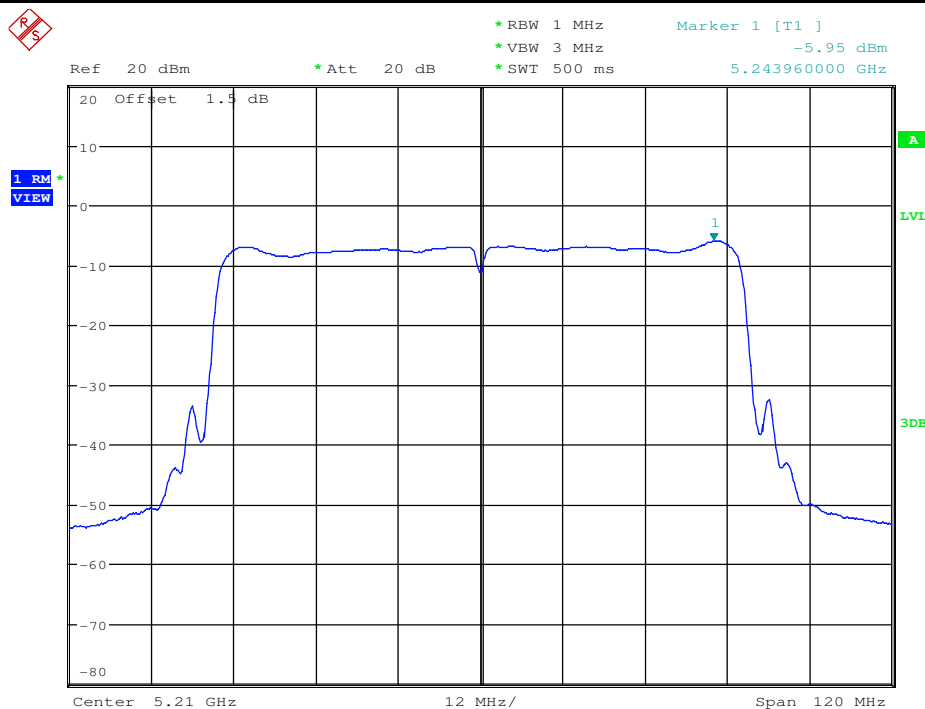
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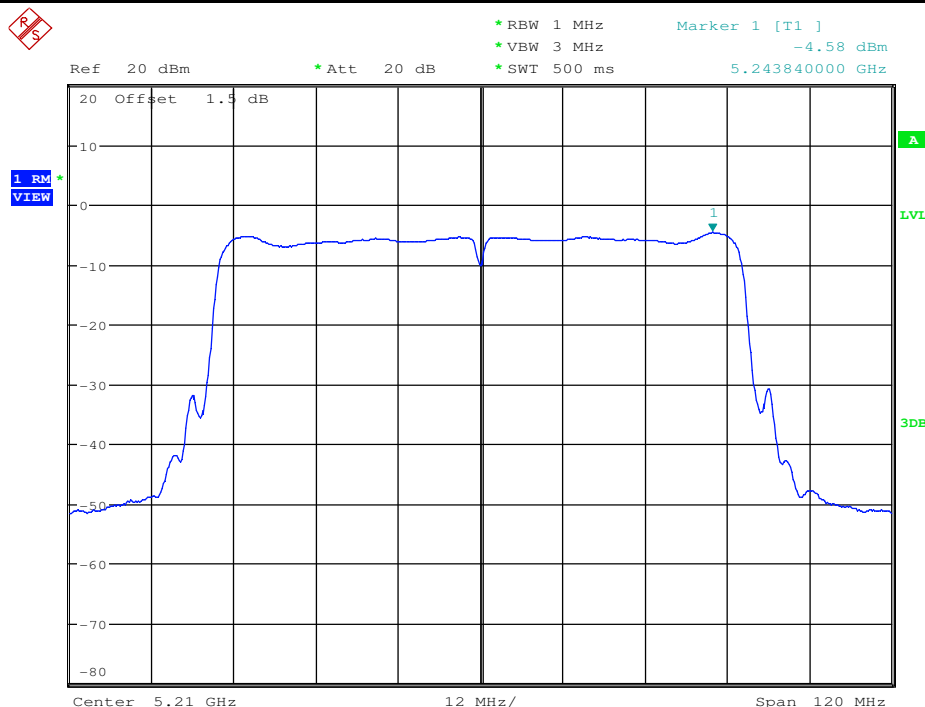
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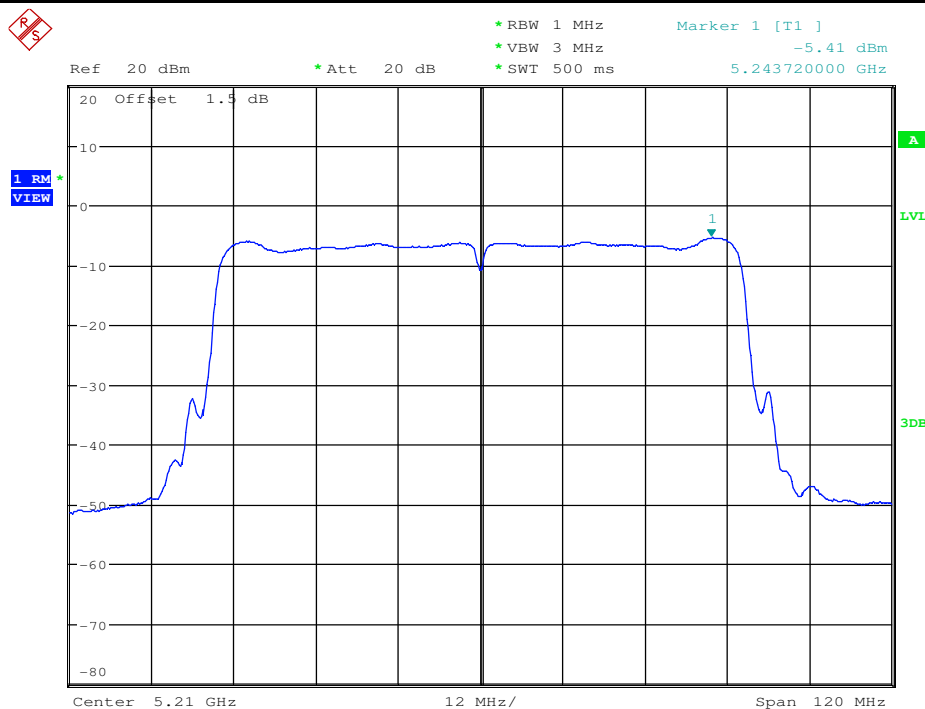
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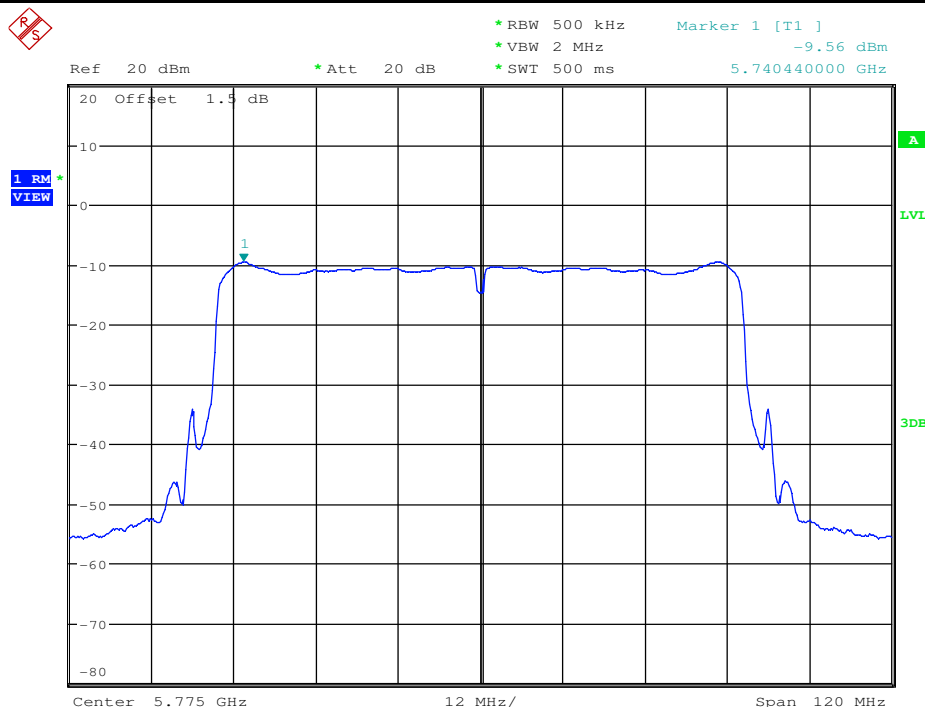
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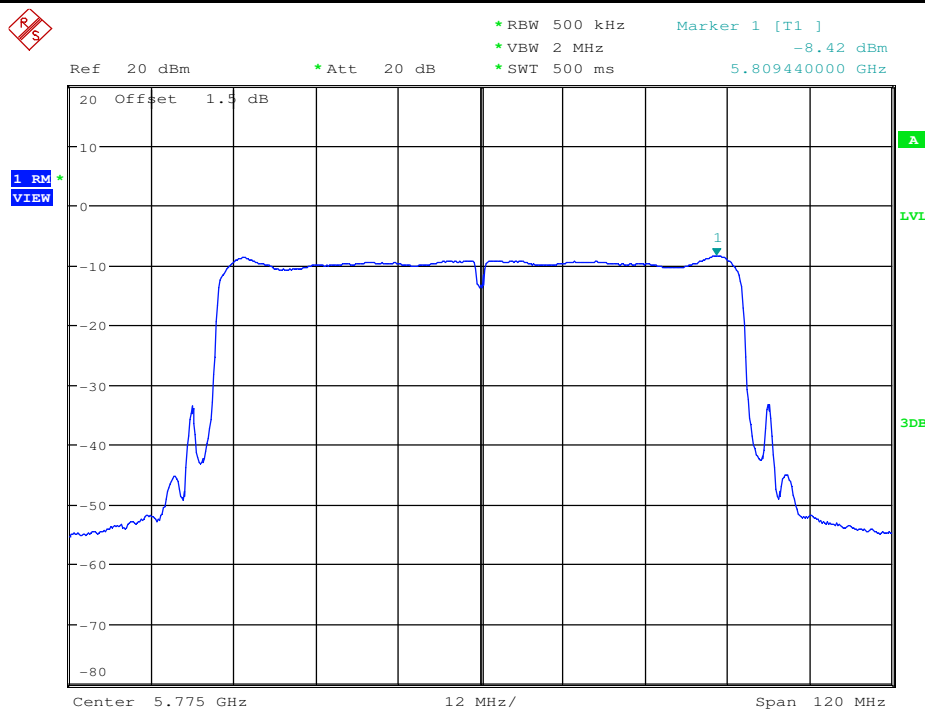
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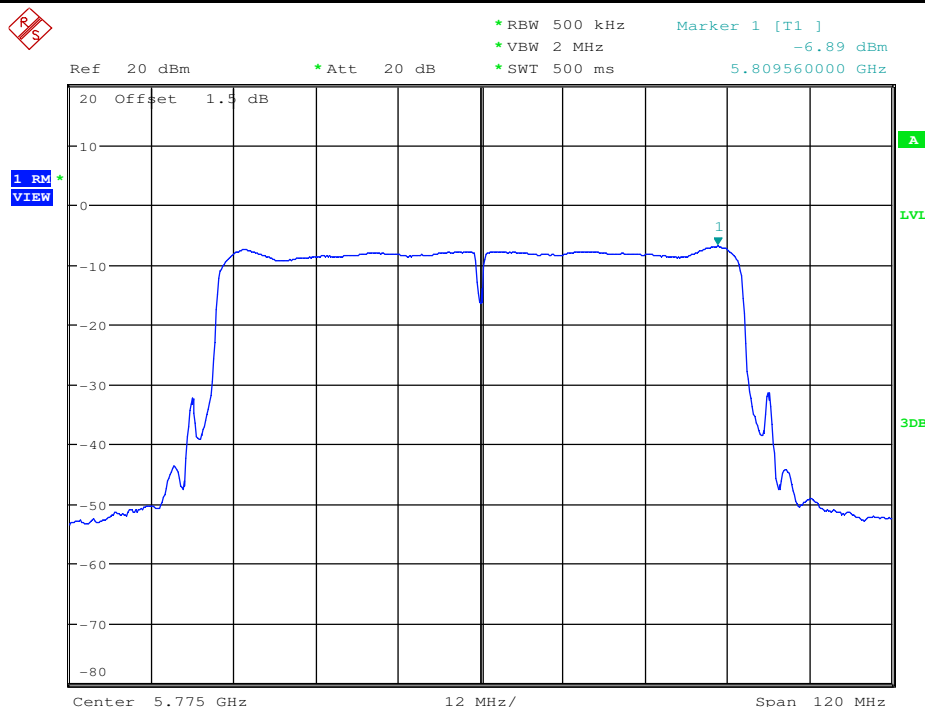
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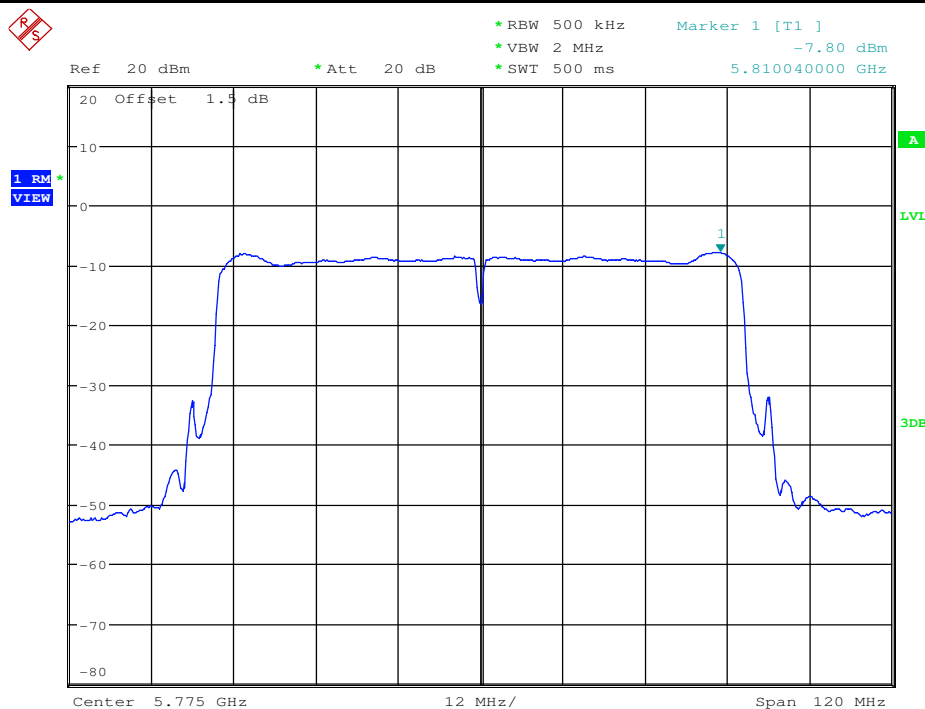
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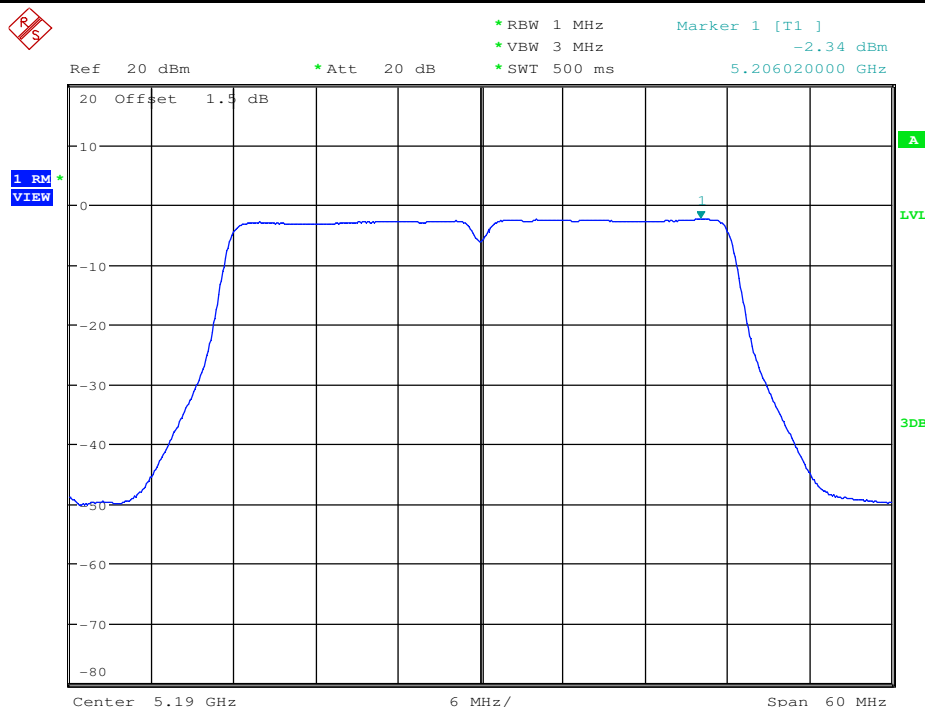
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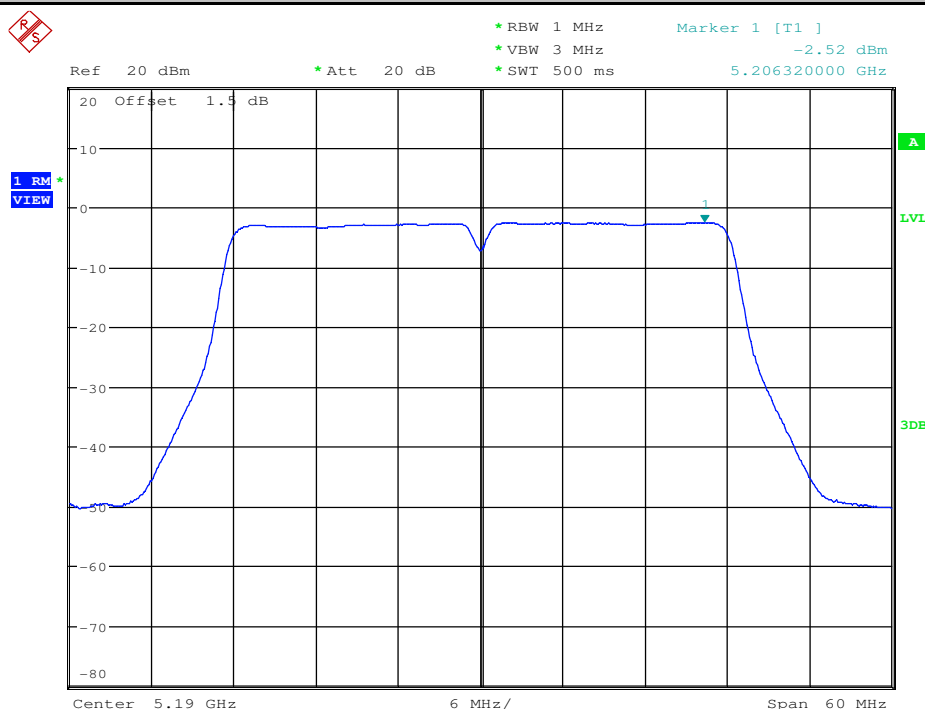
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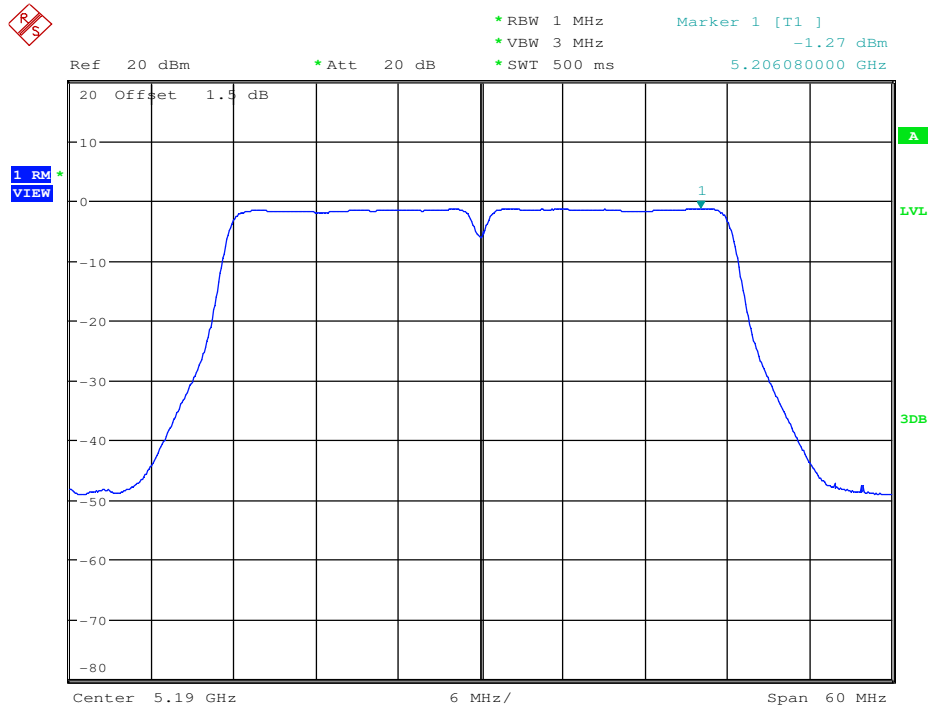
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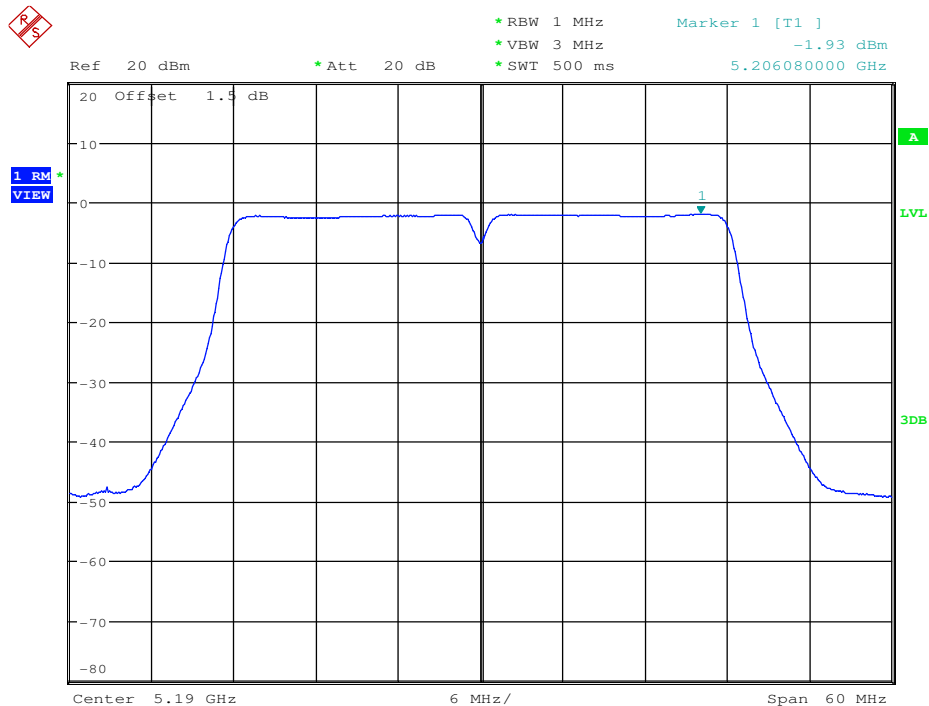
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Maximum Power Spectral Density_TNVN_11AC40_5190_Ant3



Maximum Power Spectral Density_TNVN_11AC40_5190_Ant4



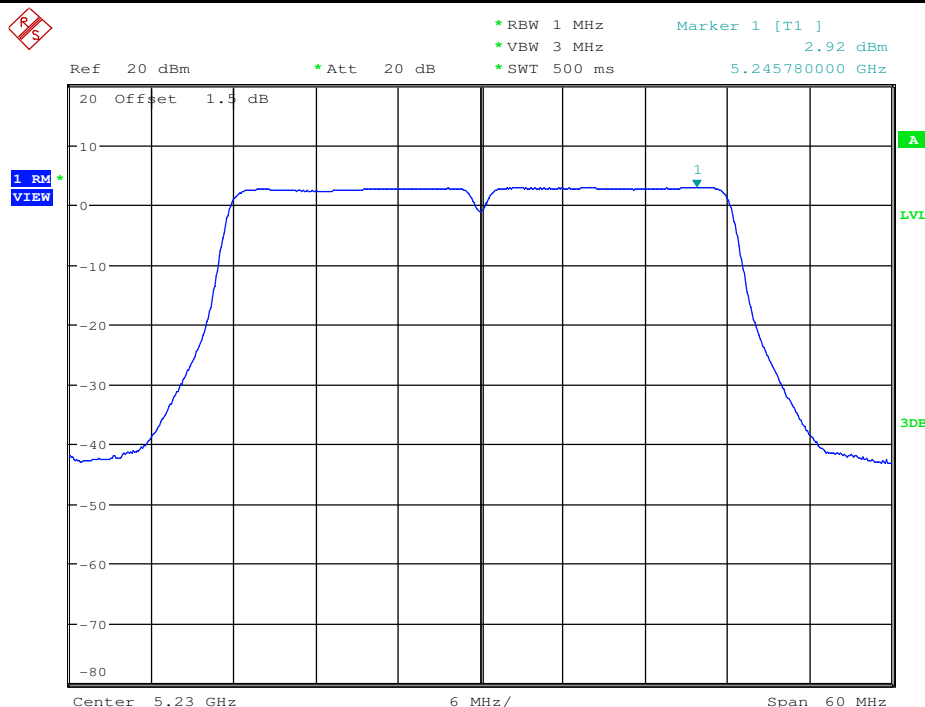
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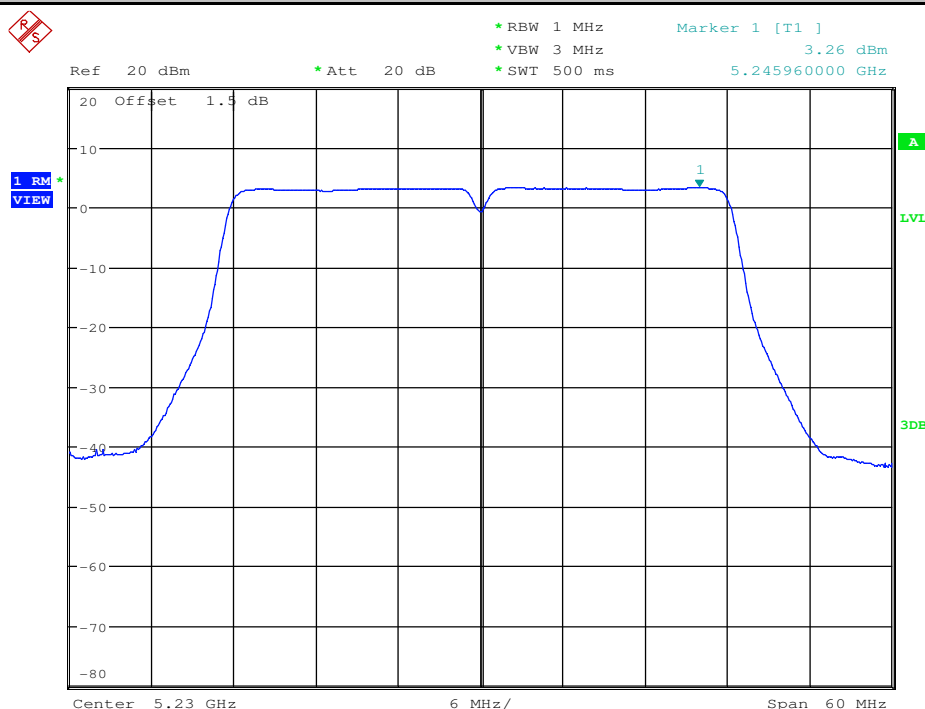
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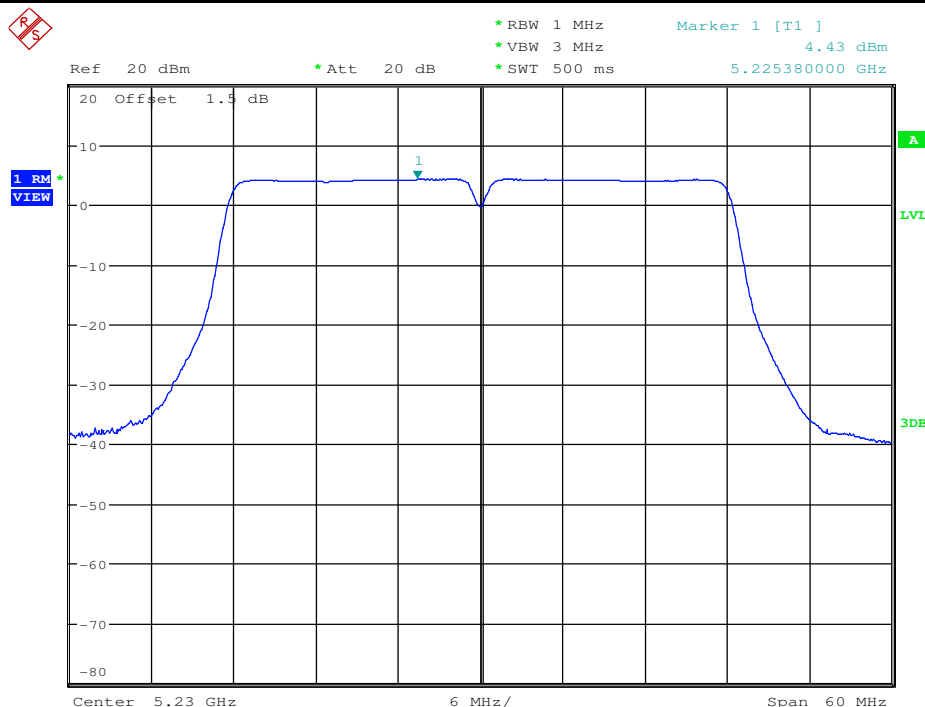
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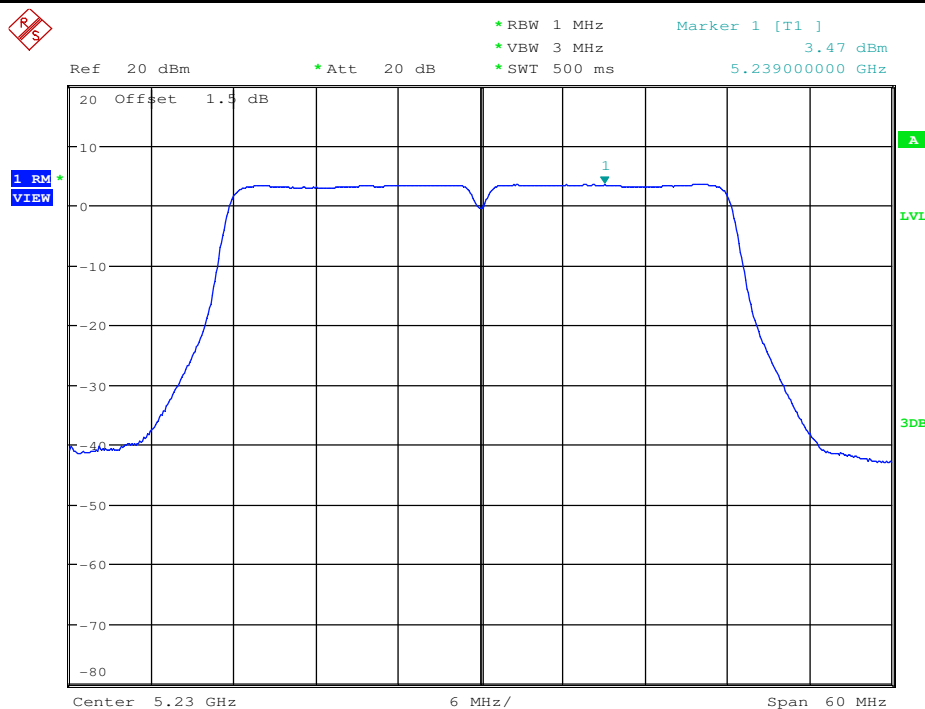
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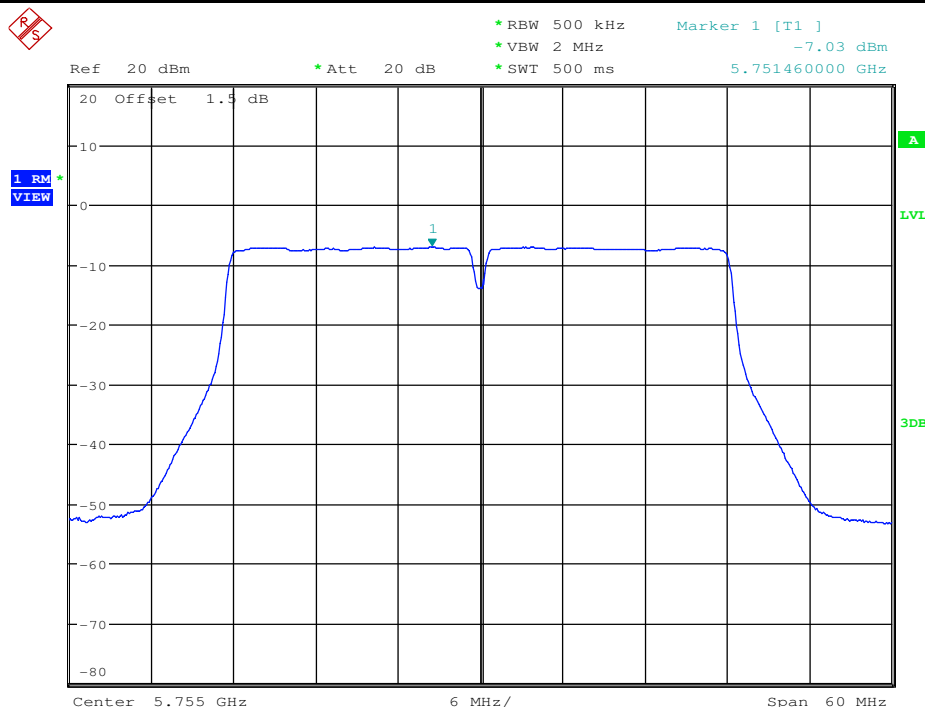
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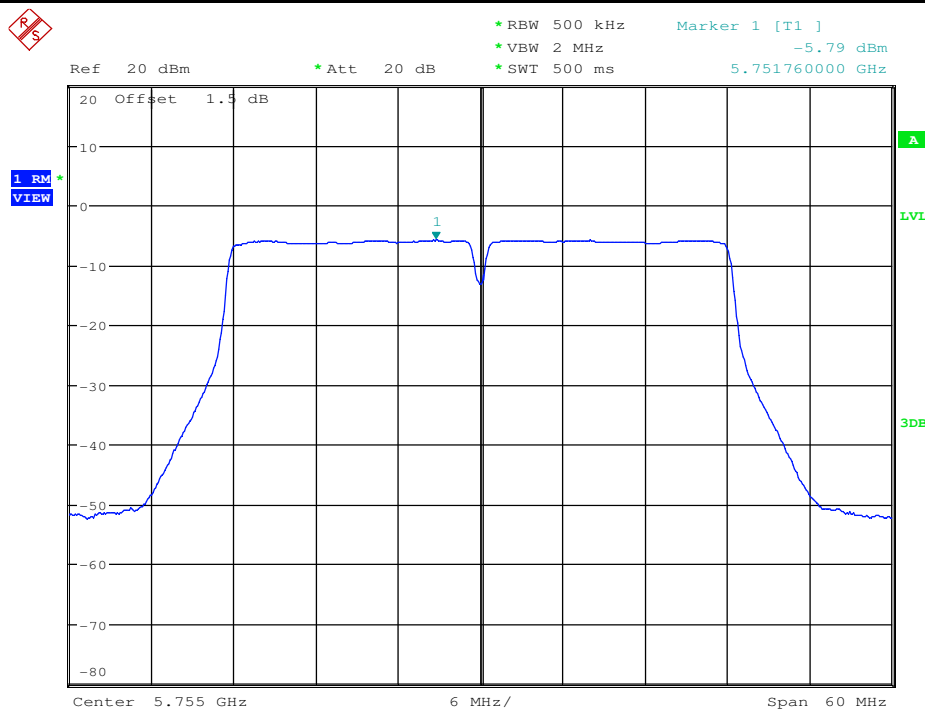
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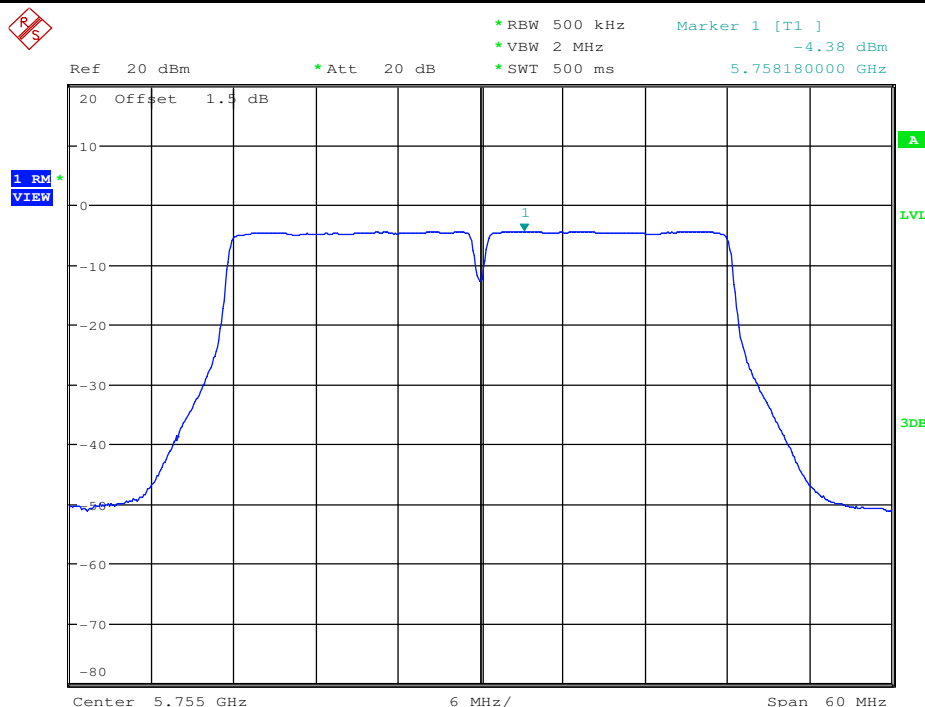
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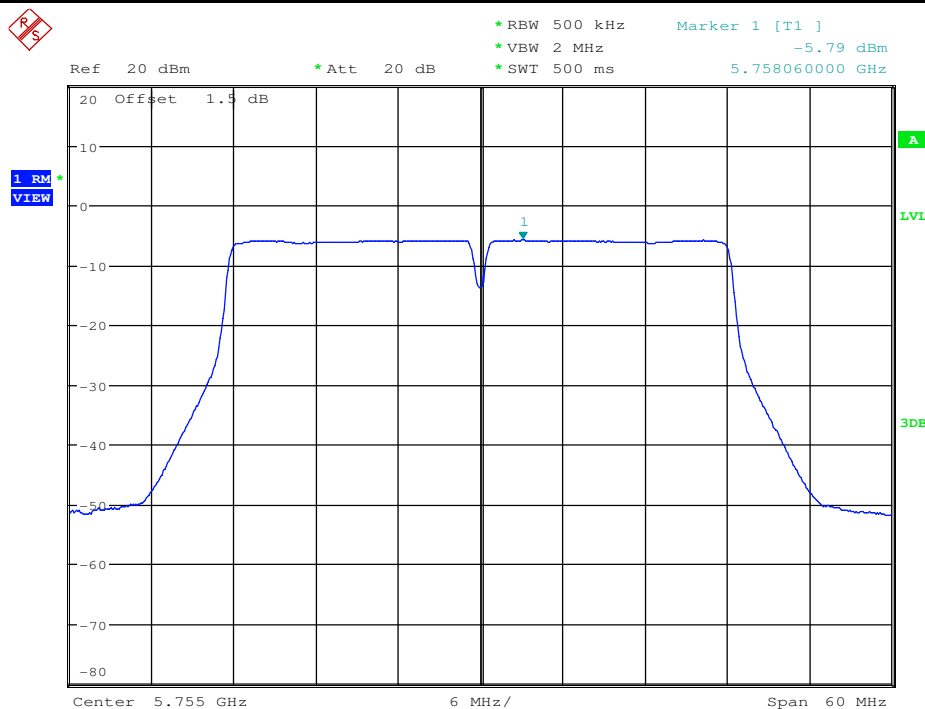
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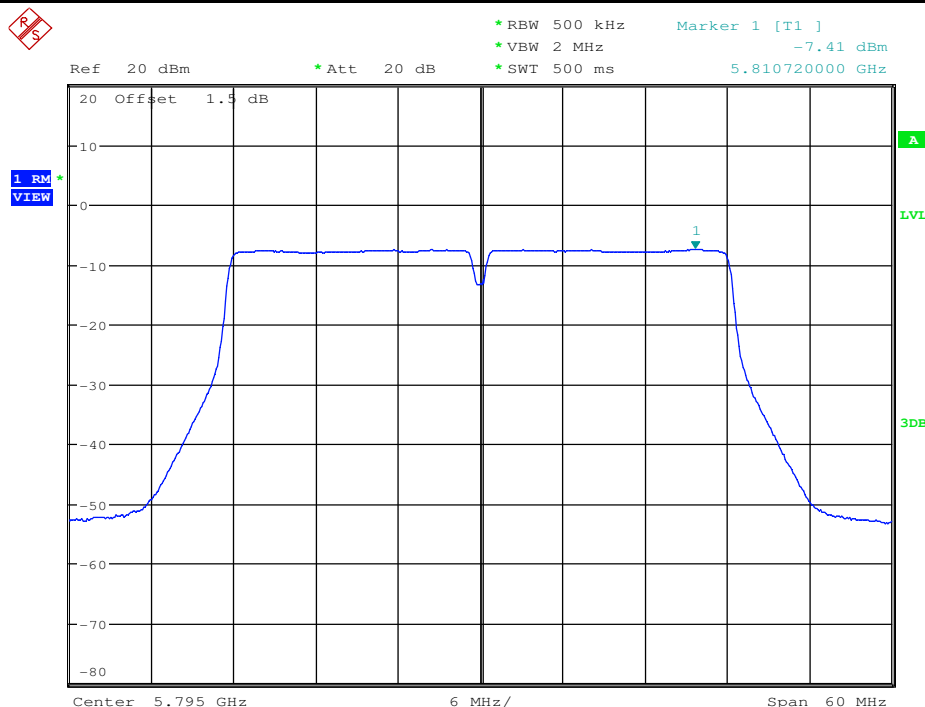
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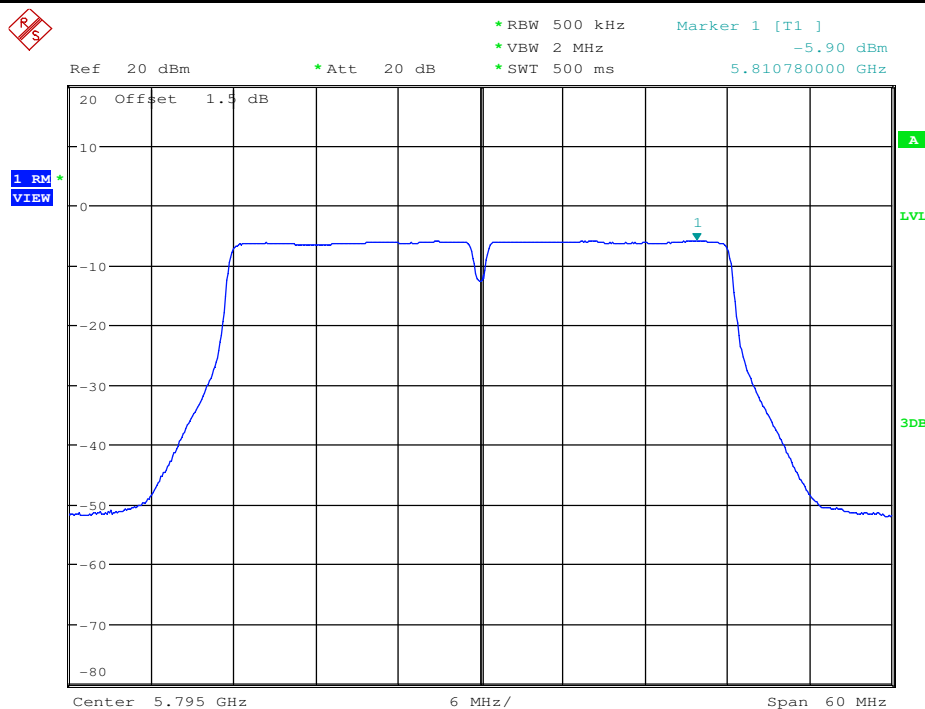
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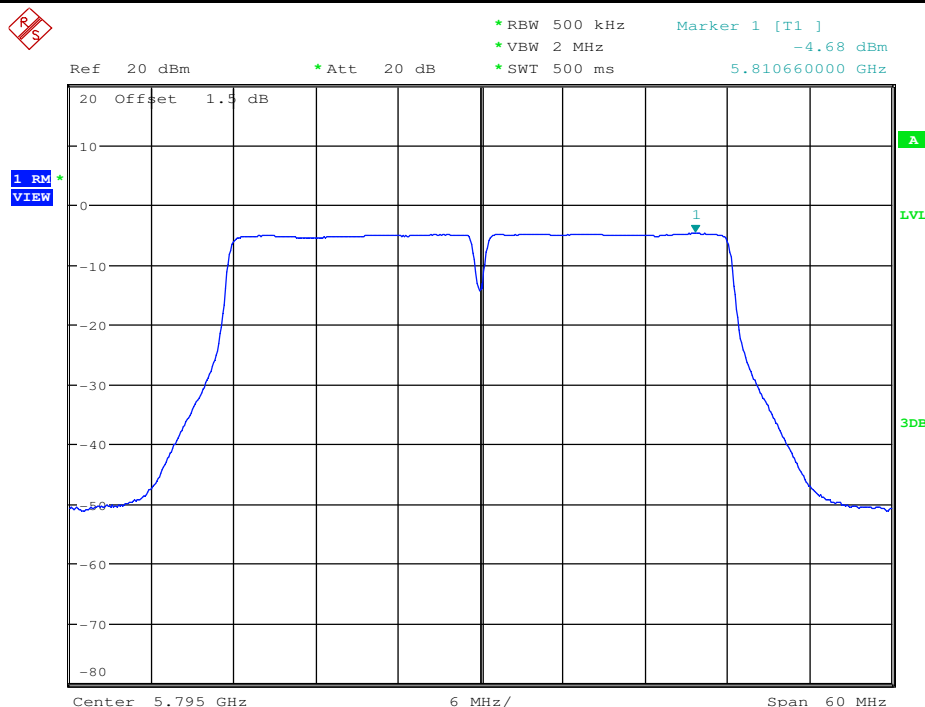
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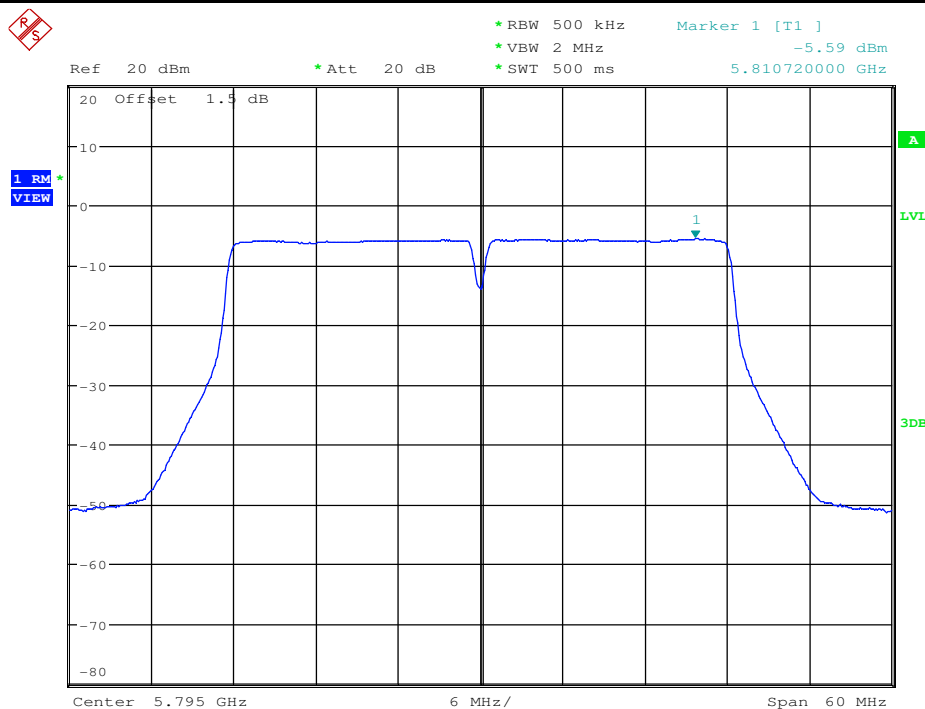
Maximum Power Spectral Density_TNVN_11AC40_5795_Ant2



Maximum Power Spectral Density_TNVN_11AC40_5795_Ant3



Maximum Power Spectral Density_TNVN_11AC40_5795_Ant4



5.Duty Cycle (x)

Test mode:	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	90.32	0.44
11A	5180	Ant2	81.62	0.88
11A	5180	Ant3	81.02	0.91
11A	5180	Ant4	80.43	0.95
11A	5220	Ant1	87.5	0.58
11A	5220	Ant2	91.8	0.37
11A	5220	Ant3	91.8	0.37
11A	5220	Ant4	91.74	0.37
11A	5240	Ant1	90.32	0.44
11A	5240	Ant2	89.6	0.48
11A	5240	Ant3	87.4	0.58
11A	5240	Ant4	91.8	0.37
11A	5745	Ant1	87.4	0.58
11A	5745	Ant2	88.19	0.55
11A	5745	Ant3	88.89	0.51
11A	5745	Ant4	90.98	0.41
11A	5785	Ant1	88.89	0.51
11A	5785	Ant2	90.32	0.44
11A	5785	Ant3	90.32	0.44
11A	5785	Ant4	88.89	0.51
11A	5825	Ant1	90.32	0.44
11A	5825	Ant2	91.74	0.37
11A	5825	Ant3	88.19	0.55
11A	5825	Ant4	91.74	0.37
11N20	5180	Ant1	98.01	0.09
11N20	5180	Ant2	98.02	0.09
11N20	5180	Ant3	98.01	0.09
11N20	5180	Ant4	97.63	0.1
11N20	5220	Ant1	98.41	0.07



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11N20	5220	Ant2	98.41	0.07
11N20	5220	Ant3	98.4	0.07
11N20	5220	Ant4	98.41	0.07
11N20	5240	Ant1	98.41	0.07
11N20	5240	Ant2	98.02	0.09
11N20	5240	Ant3	98.41	0.07
11N20	5240	Ant4	98.41	0.07
11N20	5745	Ant1	98.02	0.09
11N20	5745	Ant2	98.41	0.07
11N20	5745	Ant3	98.41	0.07
11N20	5745	Ant4	98.41	0.07
11N20	5785	Ant1	98.02	0.09
11N20	5785	Ant2	98.02	0.09
11N20	5785	Ant3	98.4	0.07
11N20	5785	Ant4	98.41	0.07
11N20	5825	Ant1	98.41	0.07
11N20	5825	Ant2	98.4	0.07
11N20	5825	Ant3	98.4	0.07
11N20	5825	Ant4	98.41	0.07
11N40	5190	Ant1	97.56	0.11
11N40	5190	Ant2	97.56	0.11
11N40	5190	Ant3	96.39	0.16
11N40	5190	Ant4	97.56	0.11
11N40	5230	Ant1	97.17	0.12
11N40	5230	Ant2	97.15	0.13
11N40	5230	Ant3	96.77	0.14
11N40	5230	Ant4	96.39	0.16
11N40	5755	Ant1	96.39	0.16
11N40	5755	Ant2	96.77	0.14
11N40	5755	Ant3	97.17	0.12
11N40	5755	Ant4	97.17	0.12
11N40	5795	Ant1	96.39	0.16



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11N40	5795	Ant2	96.39	0.16
11N40	5795	Ant3	96.39	0.16
11N40	5795	Ant4	96.39	0.16
11AC20	5180	Ant1	97.63	0.1
11AC20	5180	Ant2	93.58	0.29
11AC20	5180	Ant3	98.02	0.09
11AC20	5180	Ant4	98.02	0.09
11AC20	5220	Ant1	98.41	0.07
11AC20	5220	Ant2	98.02	0.09
11AC20	5220	Ant3	97.63	0.1
11AC20	5220	Ant4	98.02	0.09
11AC20	5240	Ant1	98.02	0.09
11AC20	5240	Ant2	98.41	0.07
11AC20	5240	Ant3	98.02	0.09
11AC20	5240	Ant4	98.02	0.09
11AC20	5745	Ant1	98.02	0.09
11AC20	5745	Ant2	98.41	0.07
11AC20	5745	Ant3	98.41	0.07
11AC20	5745	Ant4	98.02	0.09
11AC20	5785	Ant1	98.02	0.09
11AC20	5785	Ant2	98.02	0.09
11AC20	5785	Ant3	98.02	0.09
11AC20	5785	Ant4	98.02	0.09
11AC20	5825	Ant1	98.02	0.09
11AC20	5825	Ant2	98.41	0.07
11AC20	5825	Ant3	98.02	0.09
11AC20	5825	Ant4	98.41	0.07
11AC80	5210	Ant1	93.42	0.3
11AC80	5210	Ant2	95.38	0.21
11AC80	5210	Ant3	94.58	0.24
11AC80	5210	Ant4	94.98	0.22
11AC80	5775	Ant1	94.61	0.24



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11AC80	5775	Ant2	95.8	0.19
11AC80	5775	Ant3	93.42	0.3
11AC80	5775	Ant4	95.78	0.19
11AC40	5190	Ant1	96.79	0.14
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11AC40	5190	Ant3	96.77	0.14
11AC40	5190	Ant4	96.79	0.14
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11AC40	5795	Ant4	97.18	0.12

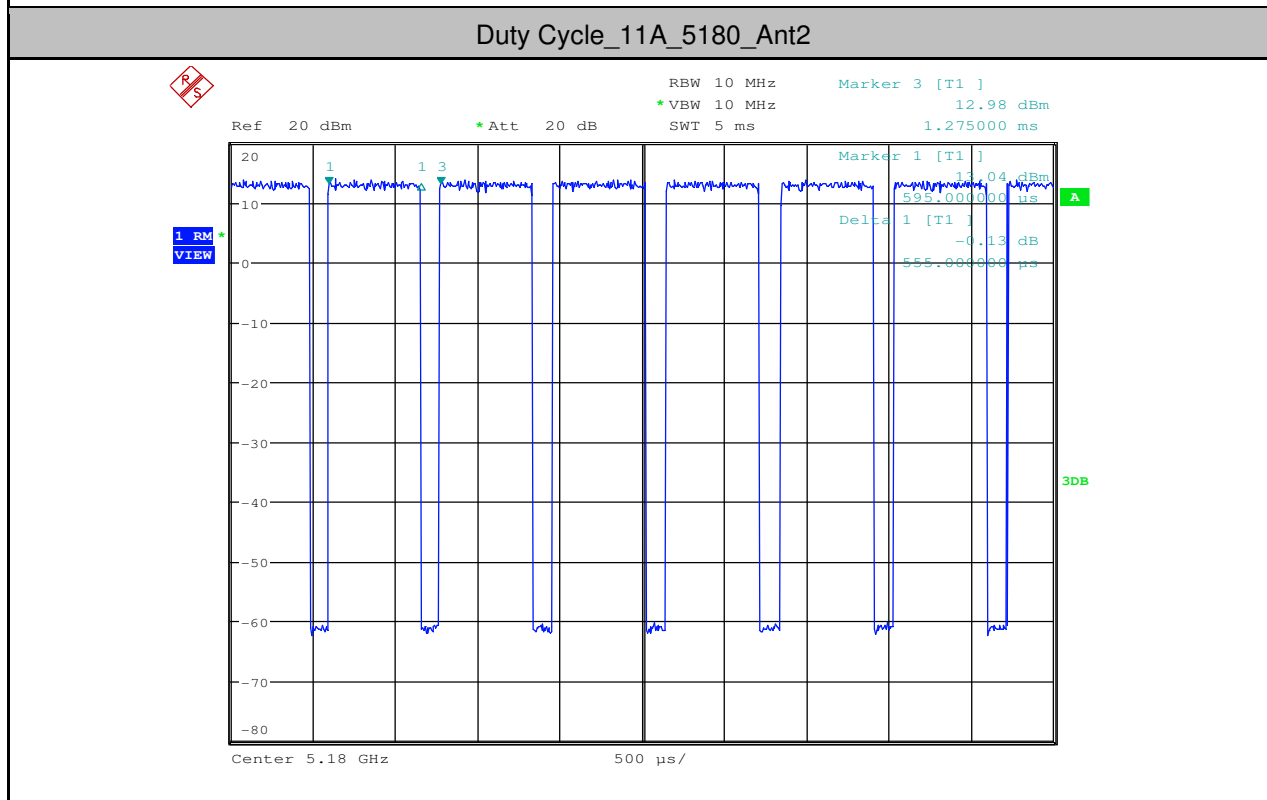
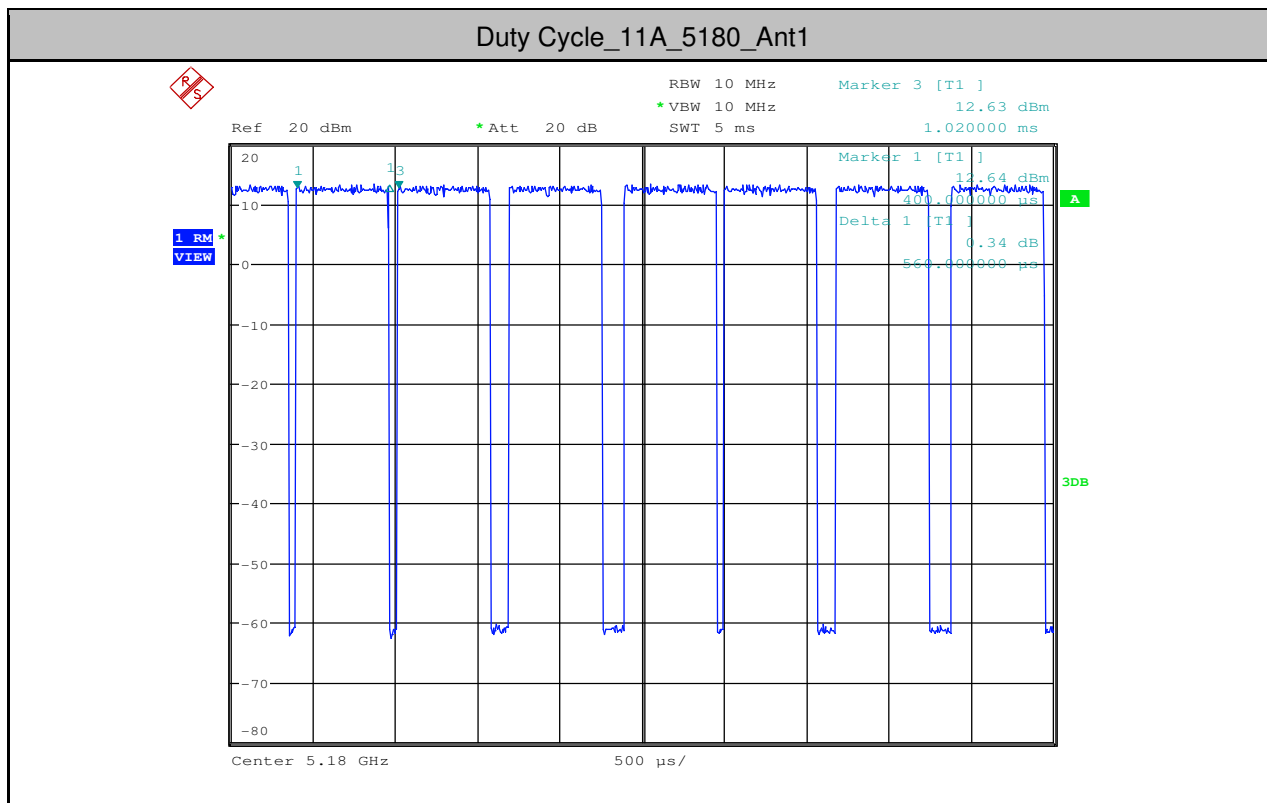


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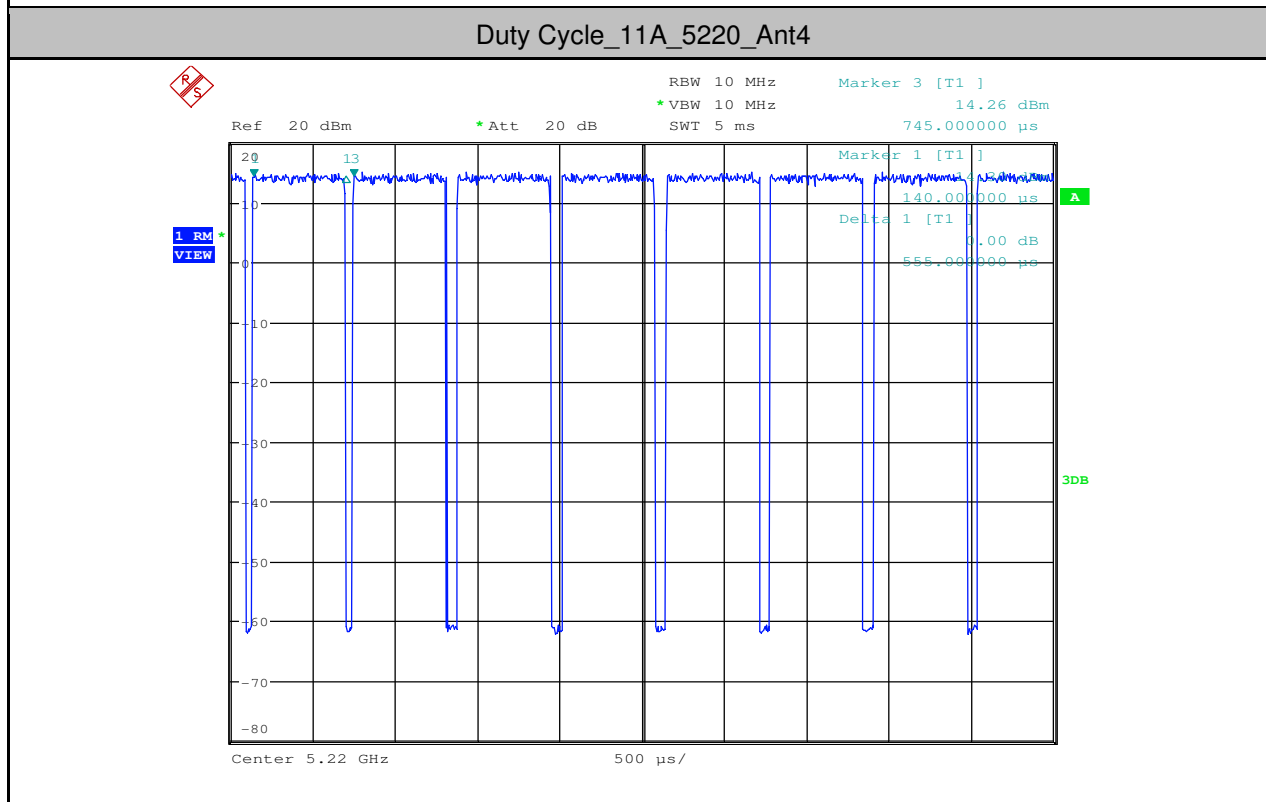
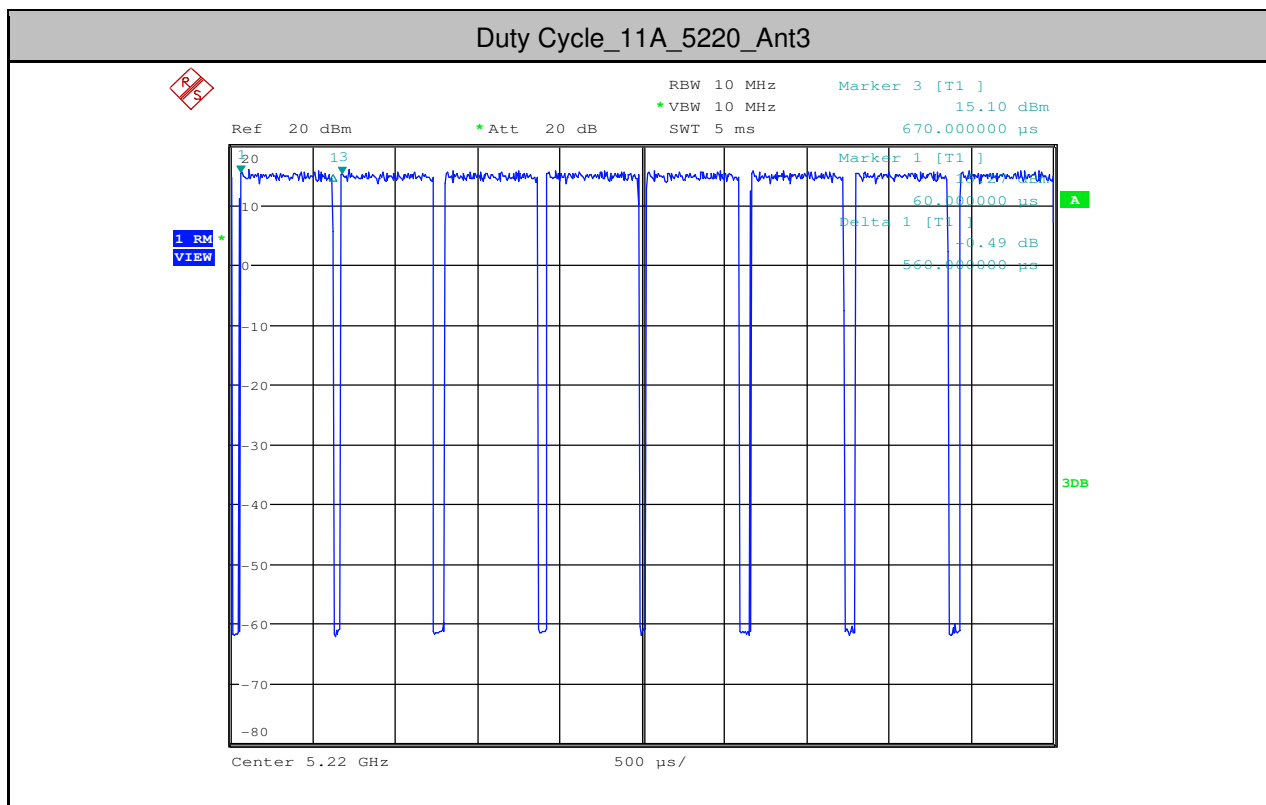
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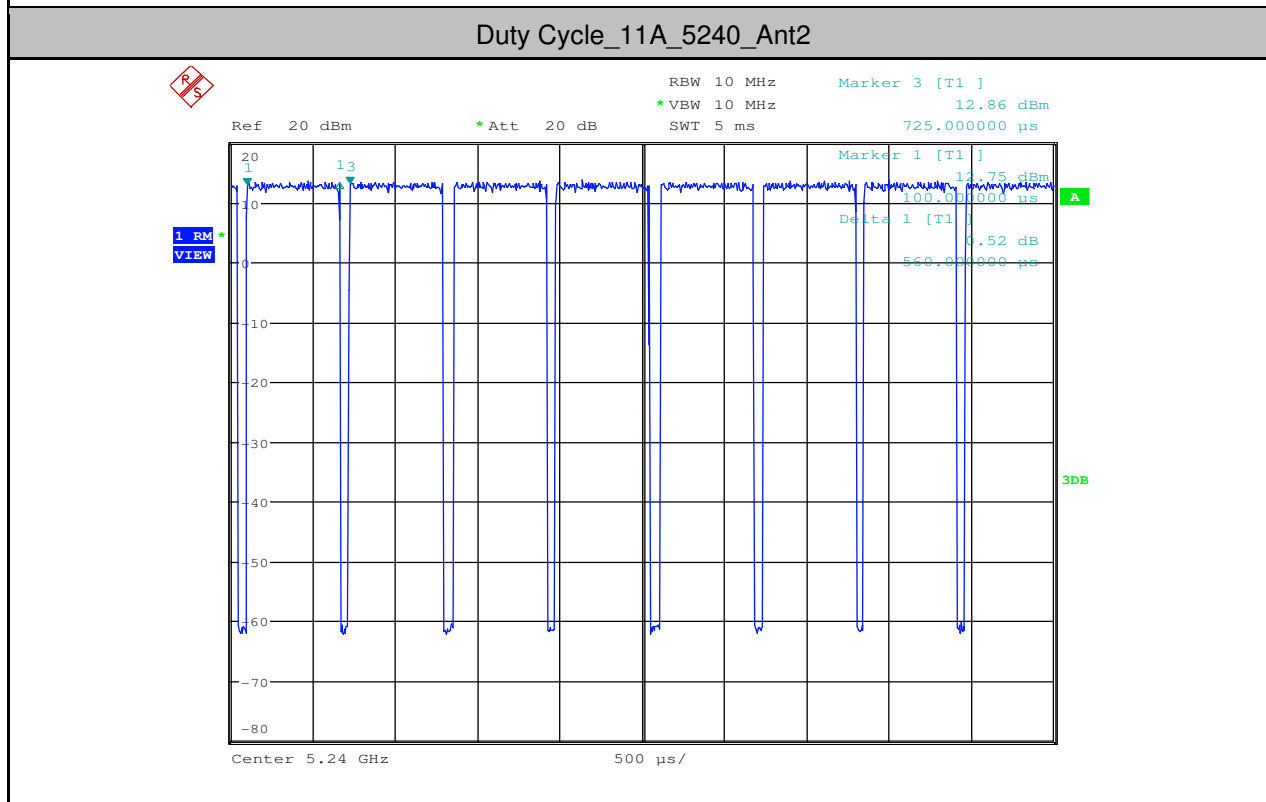
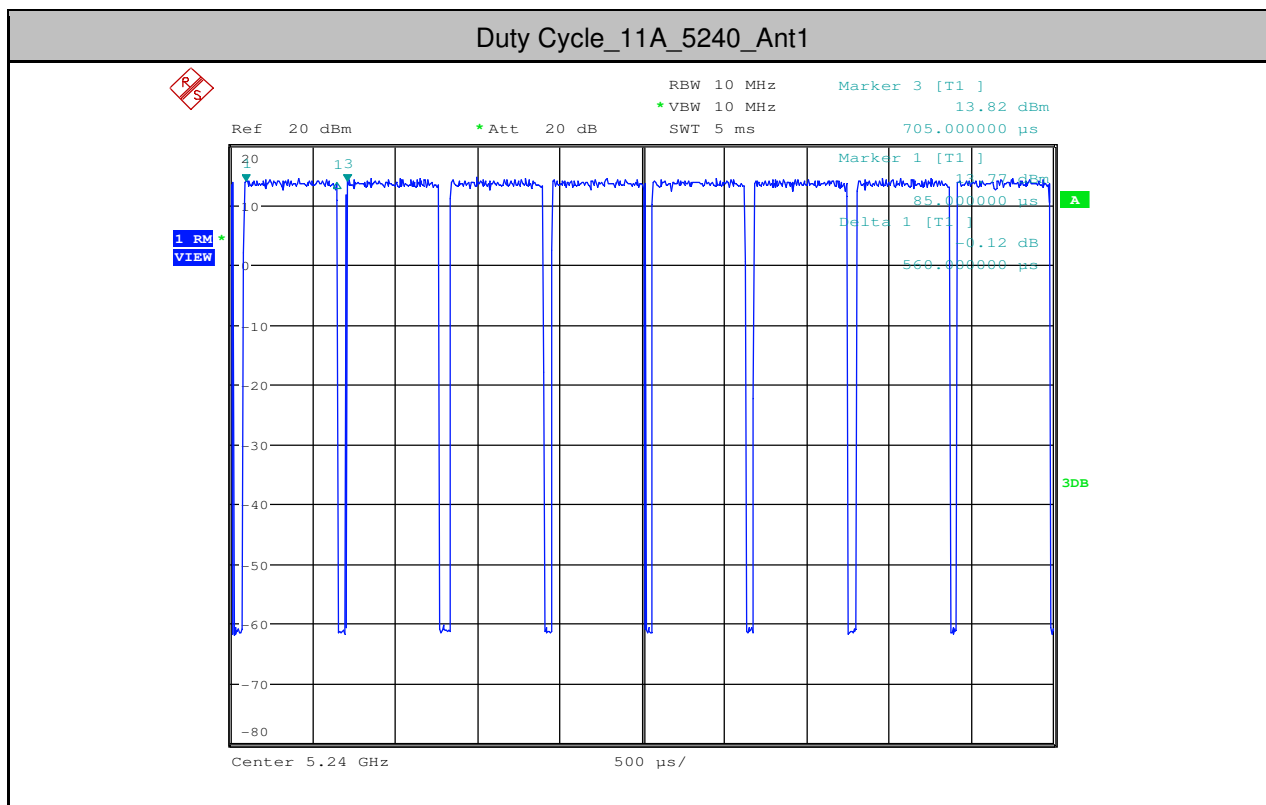


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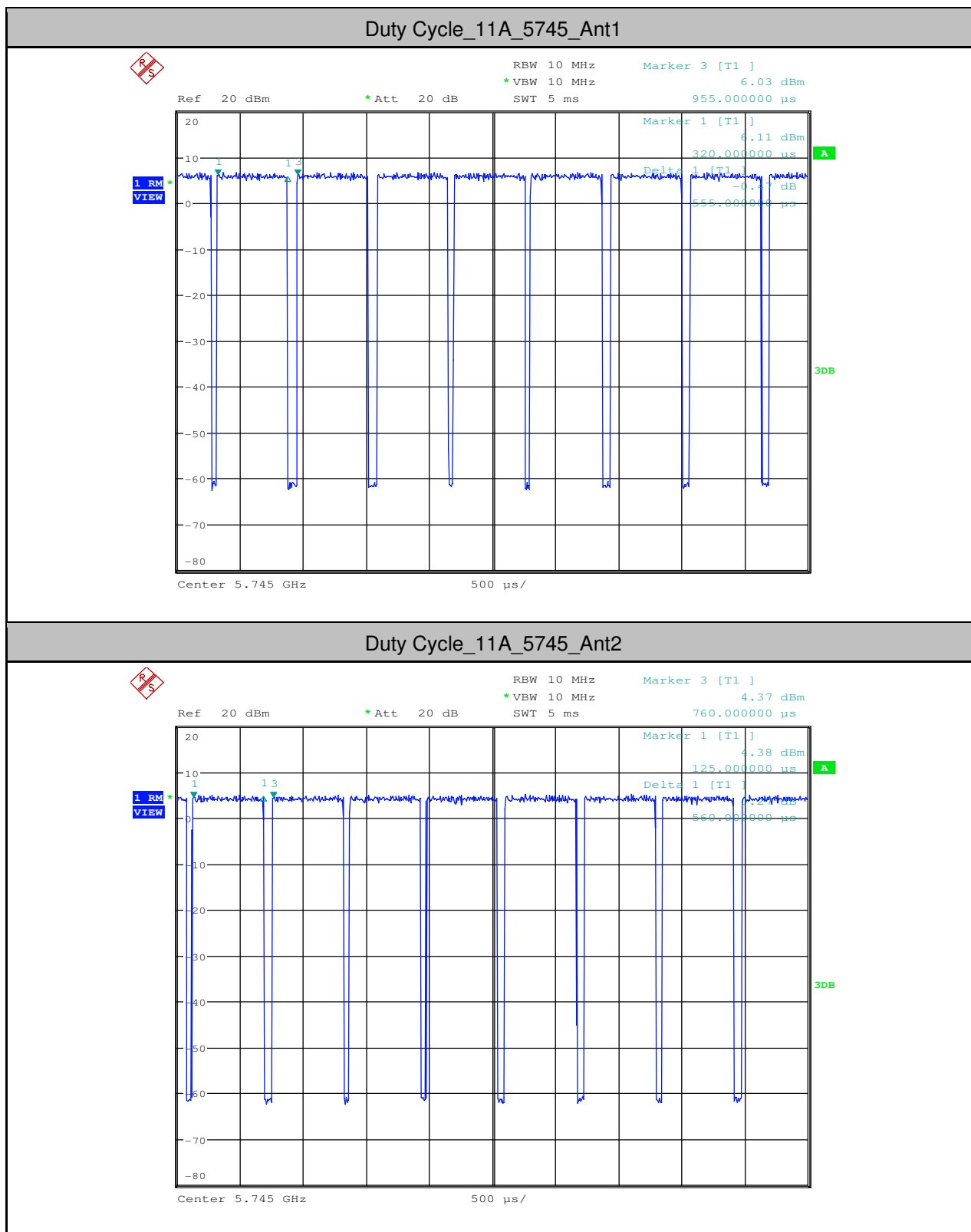
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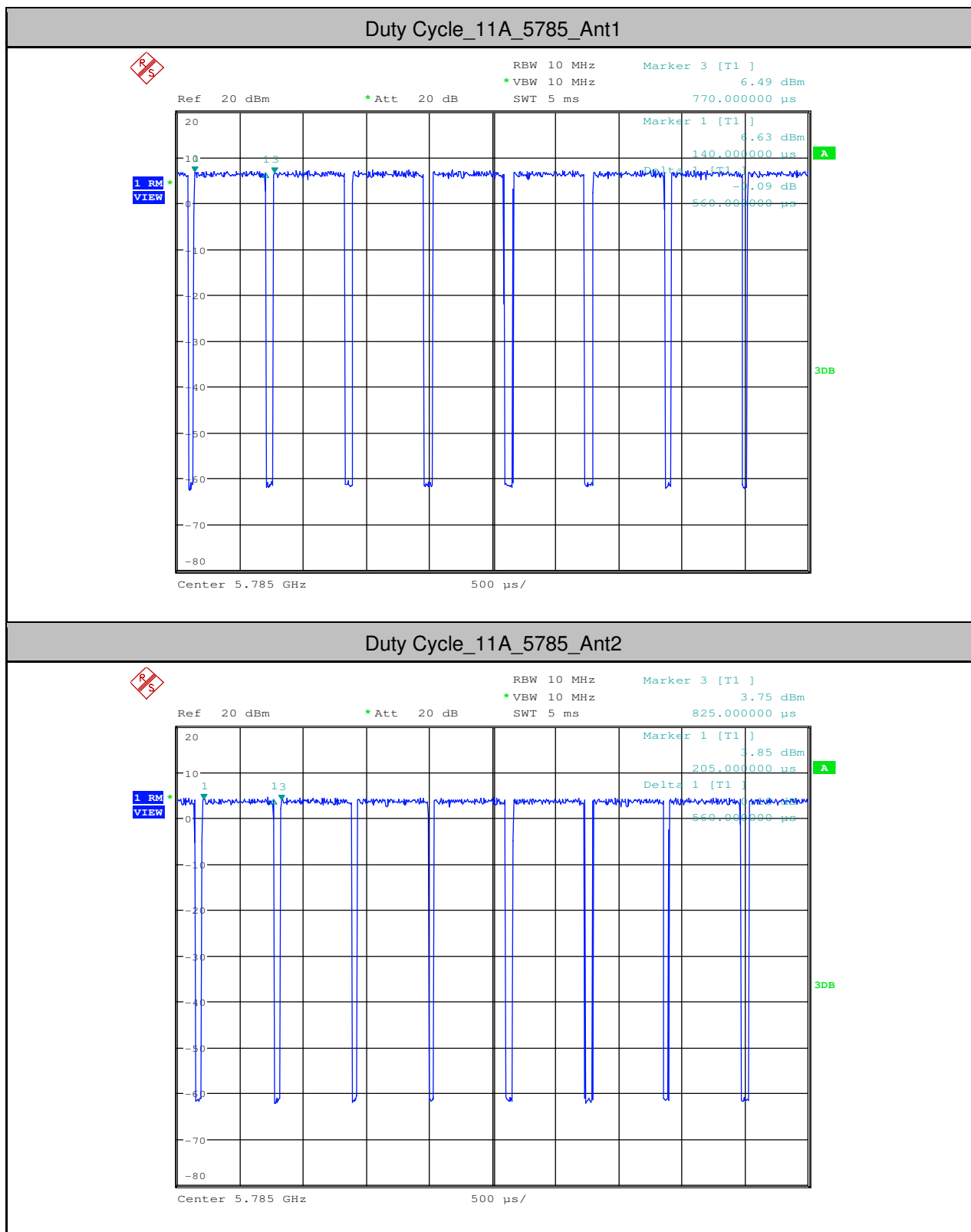
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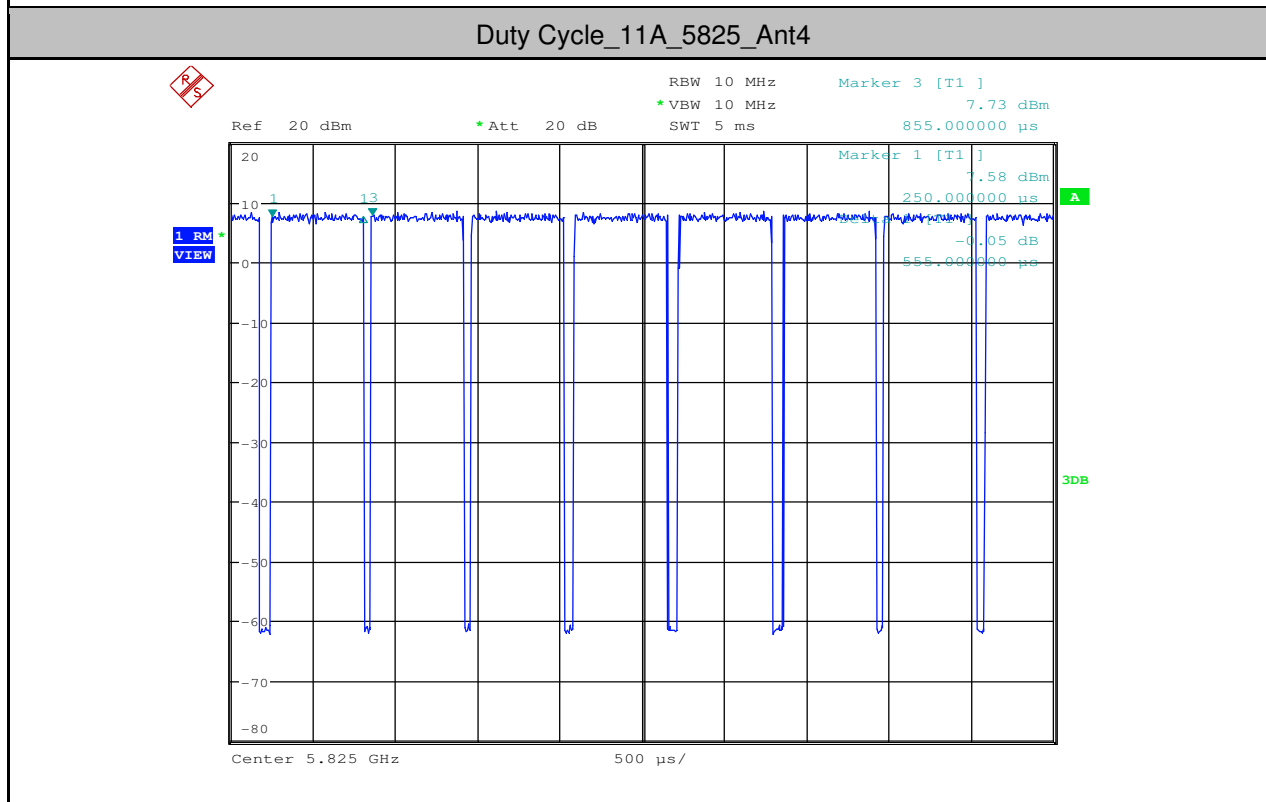
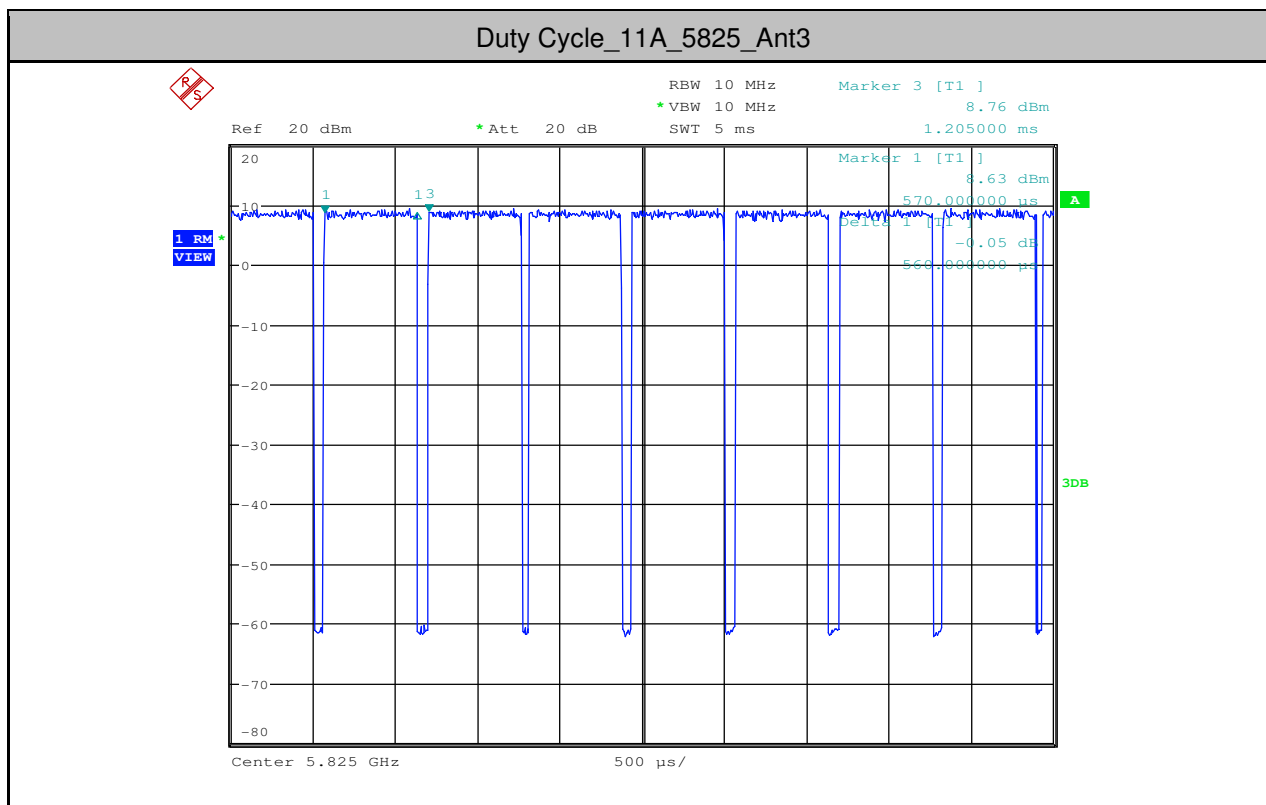




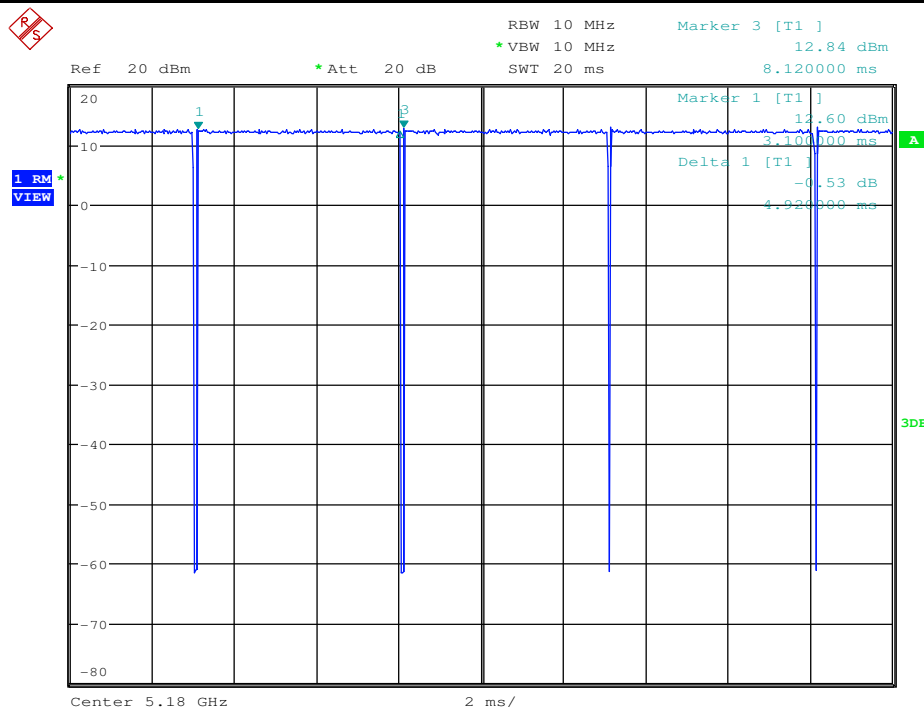




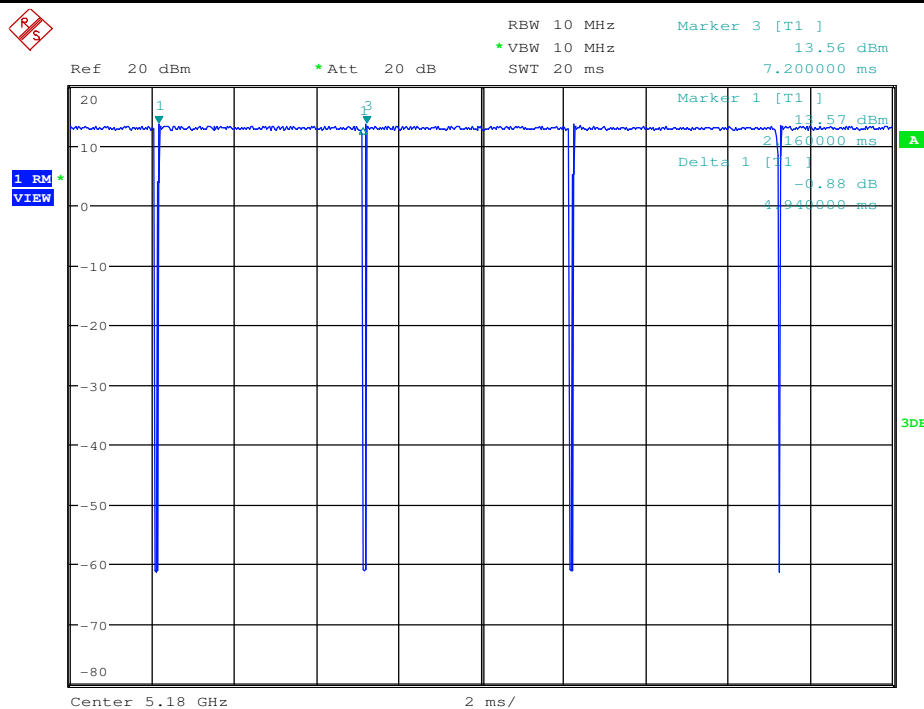




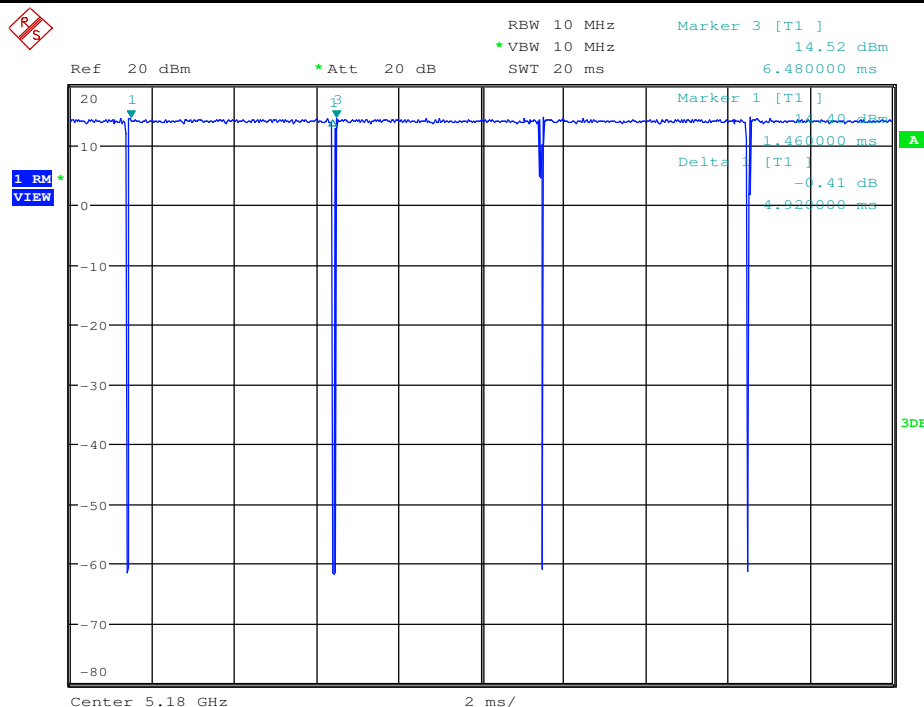
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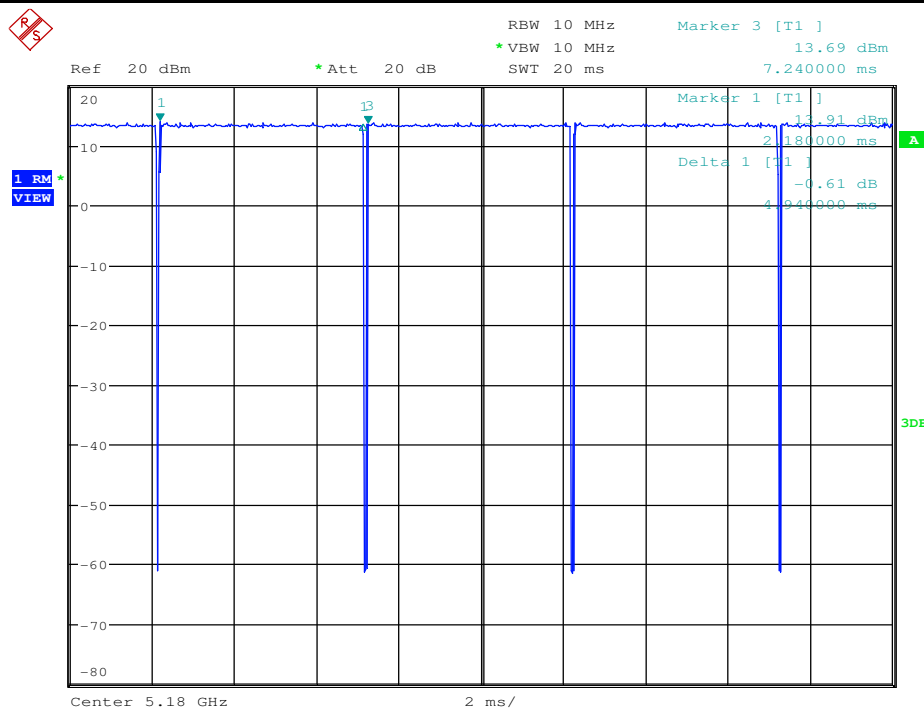
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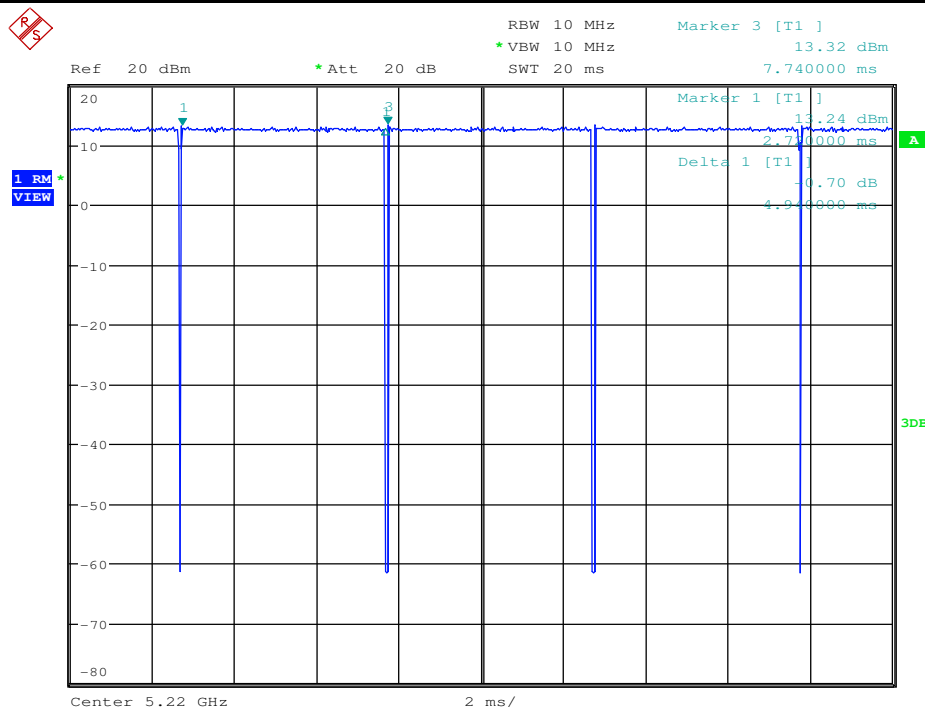
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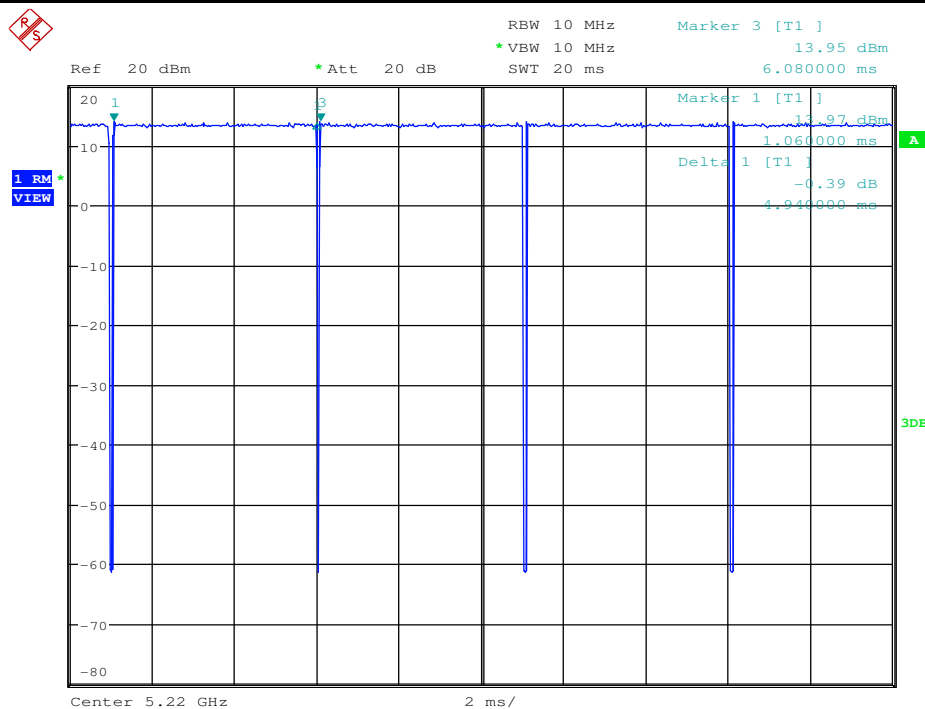
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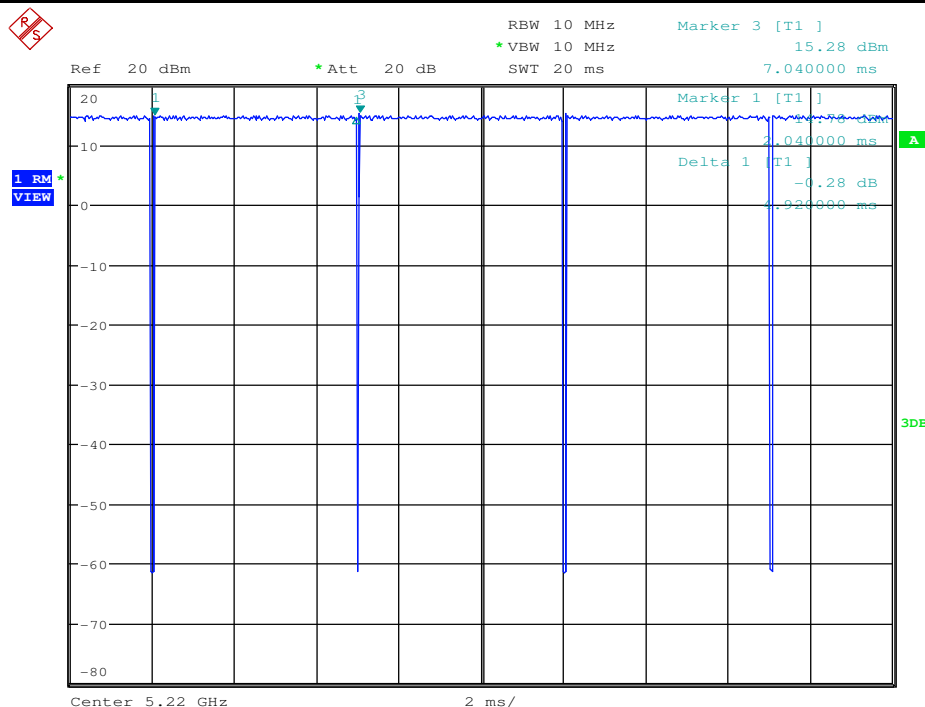
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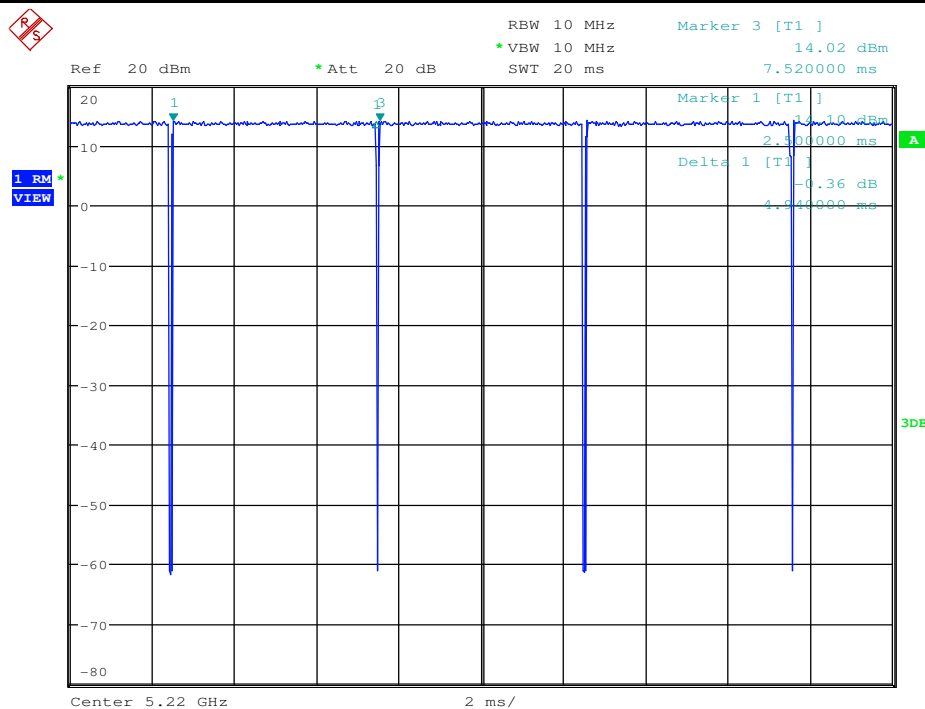
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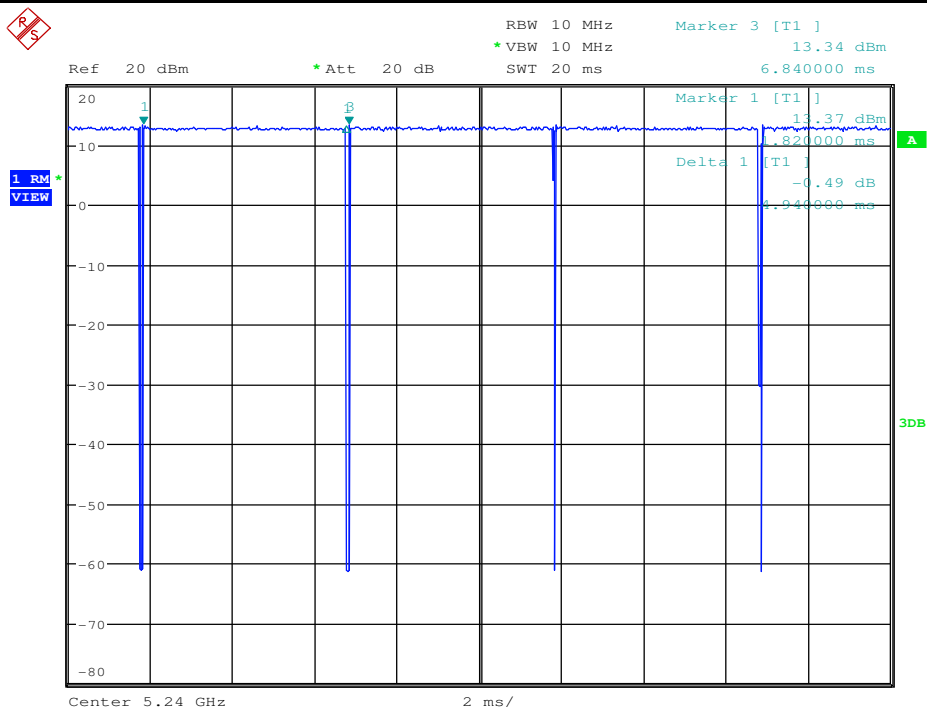
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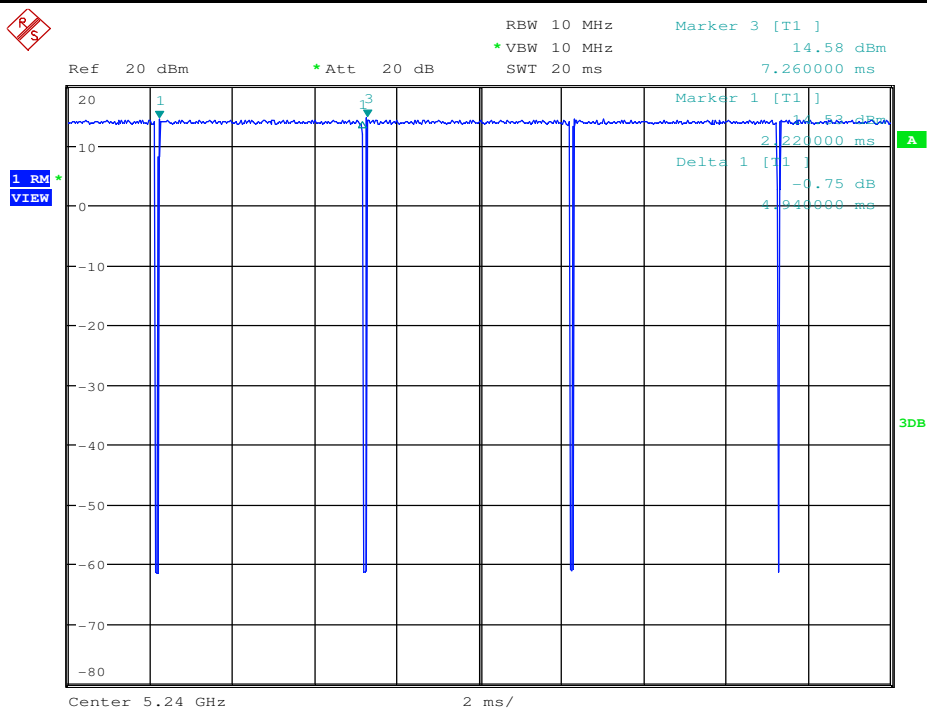
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Duty Cycle_11N20_5240_Ant1



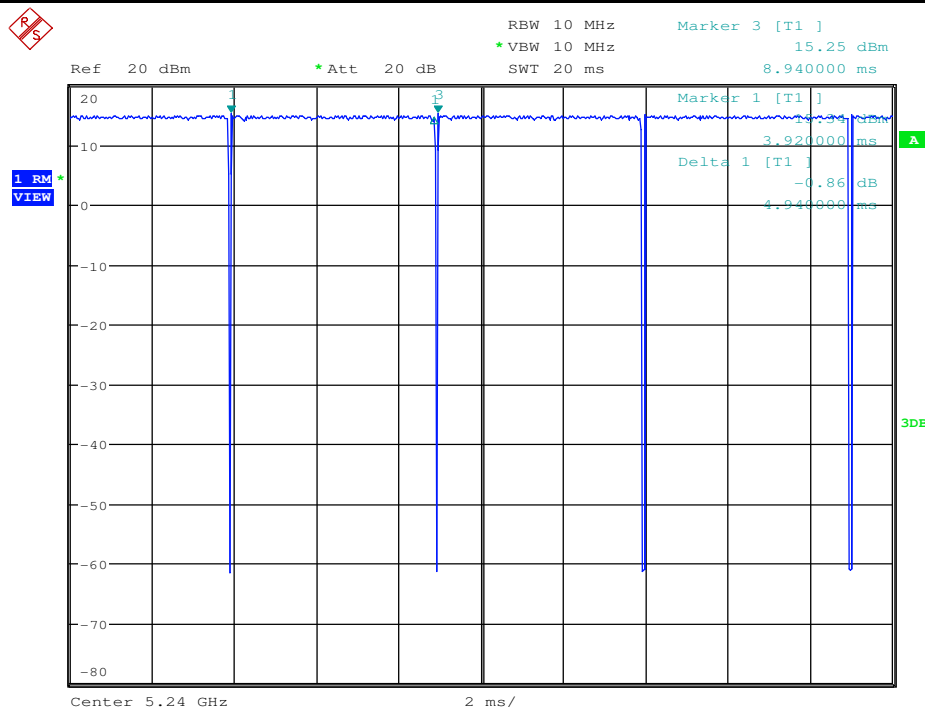
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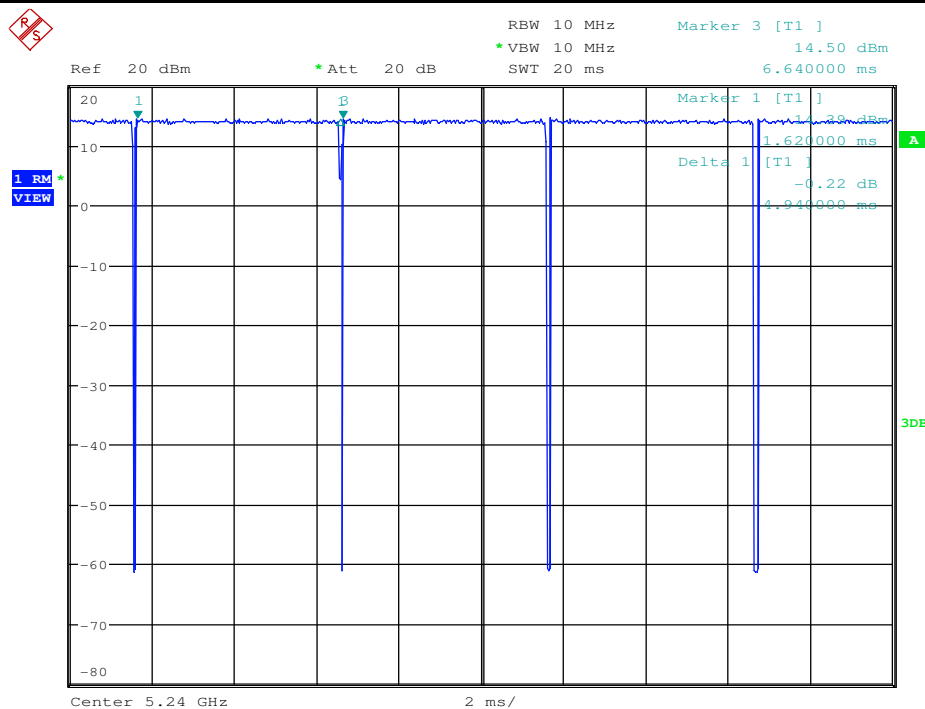
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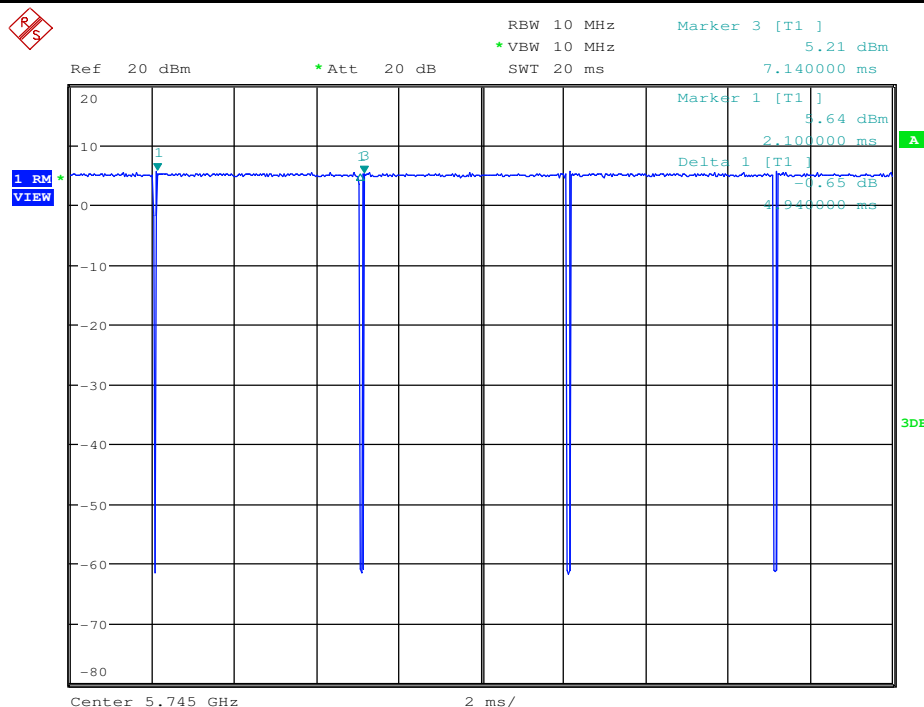
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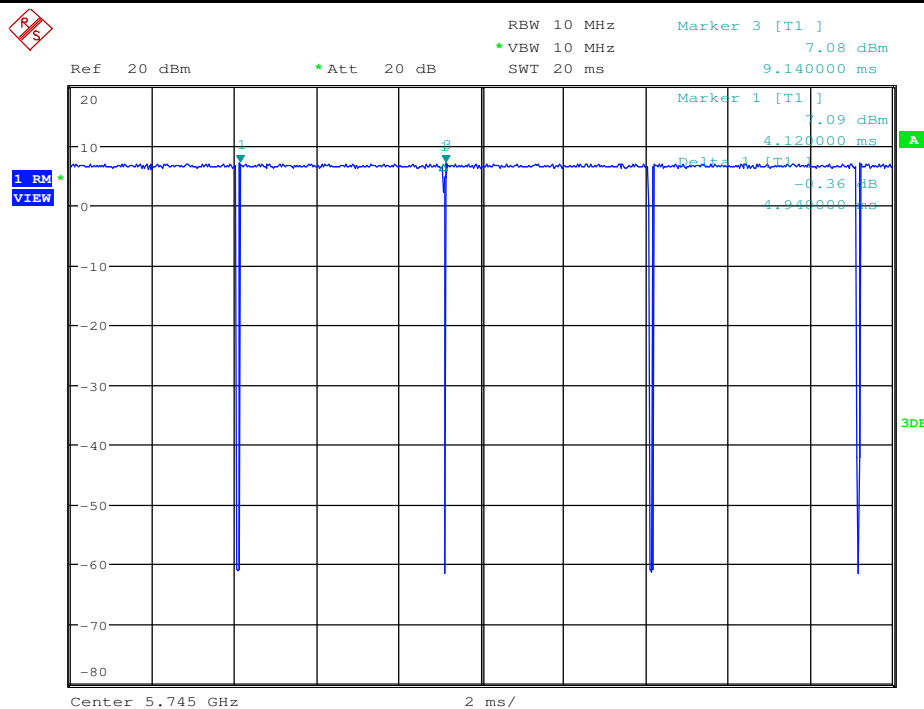
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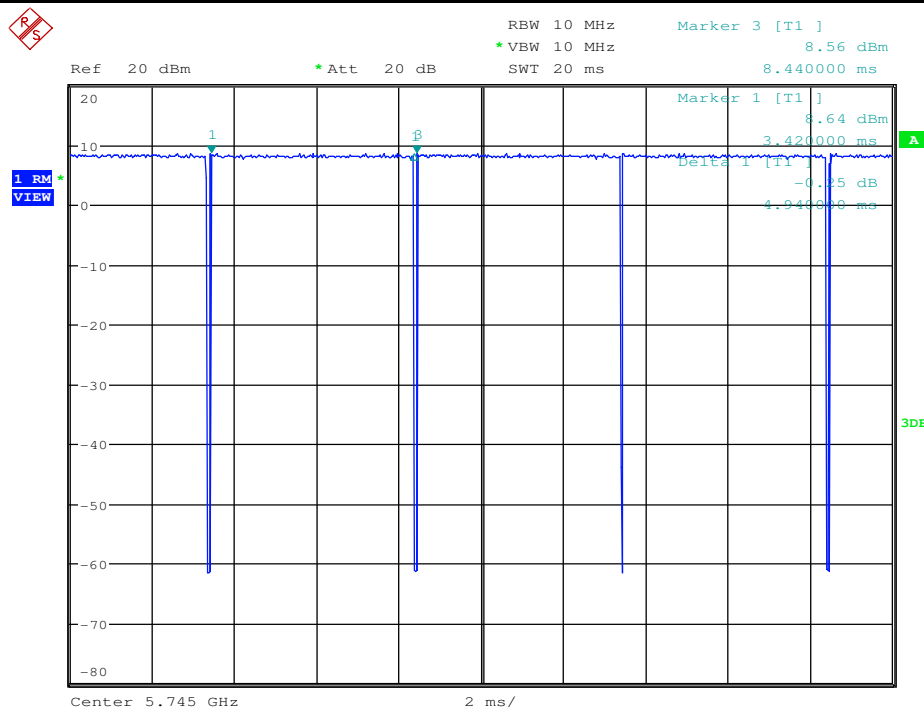
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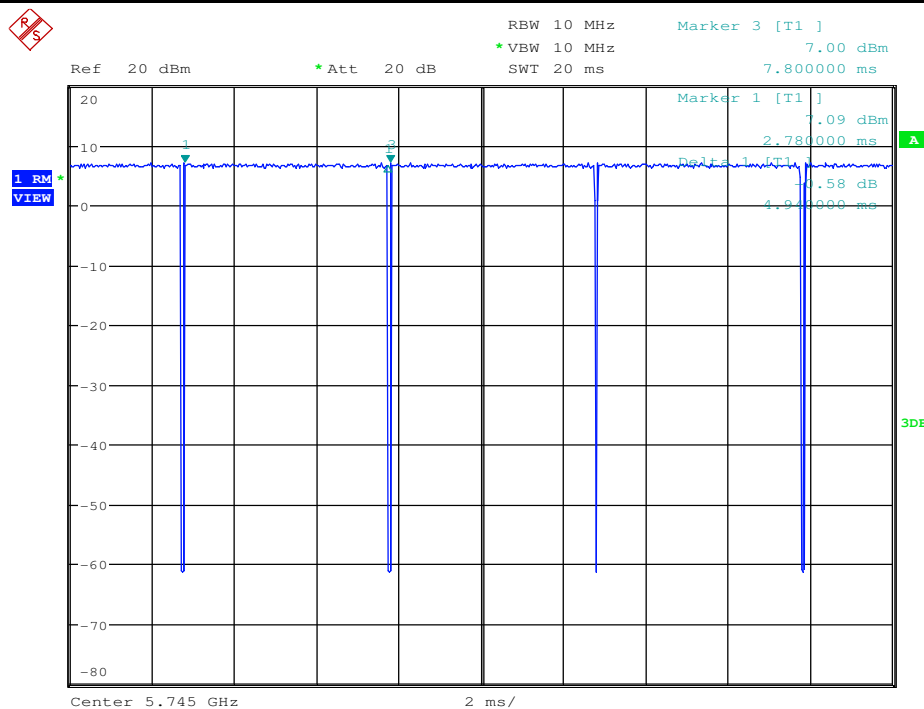
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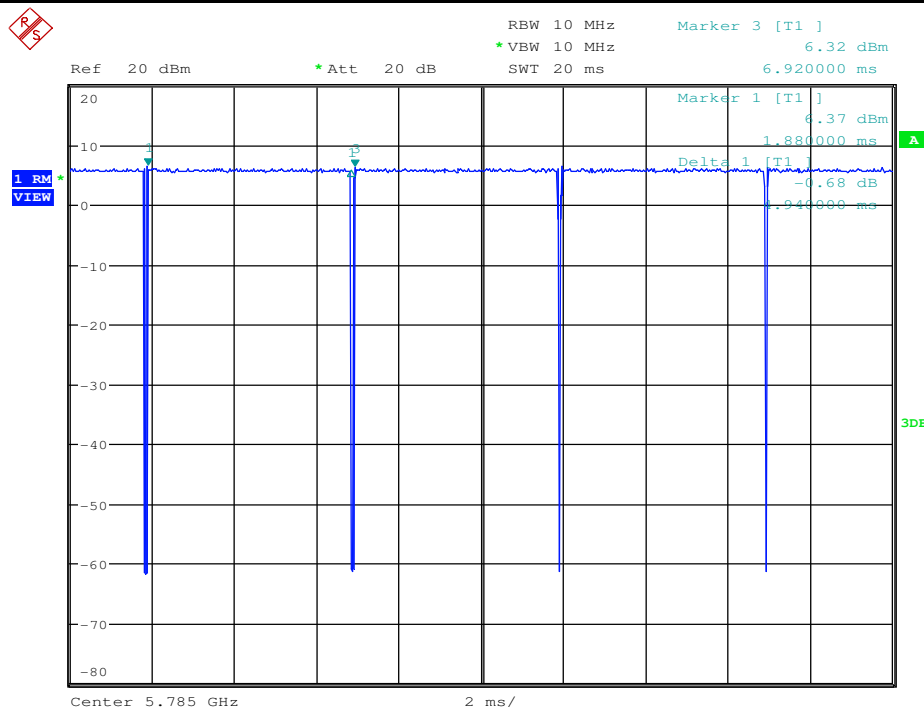
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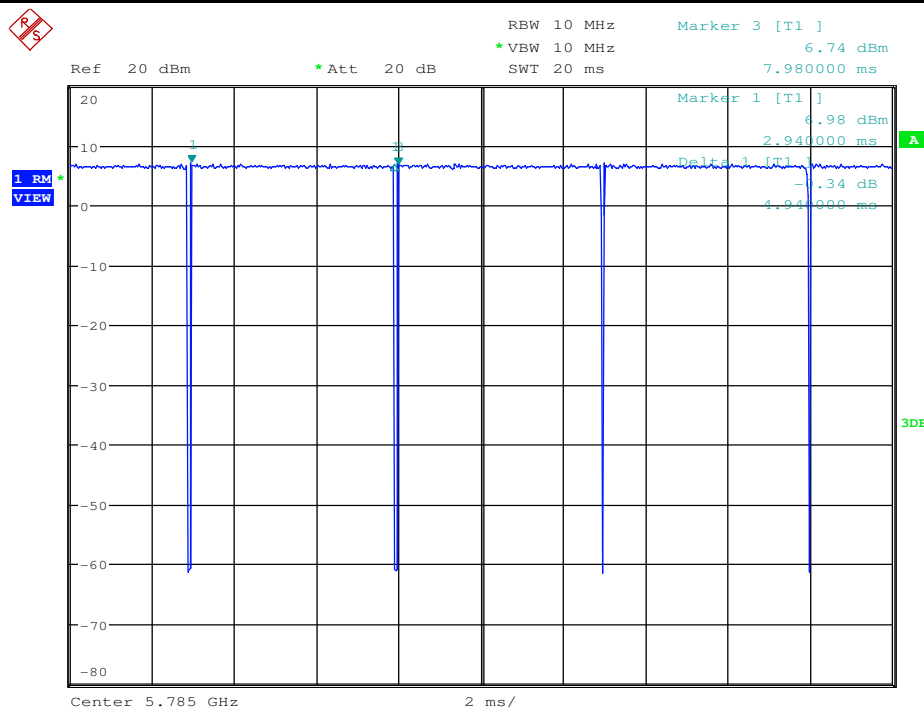
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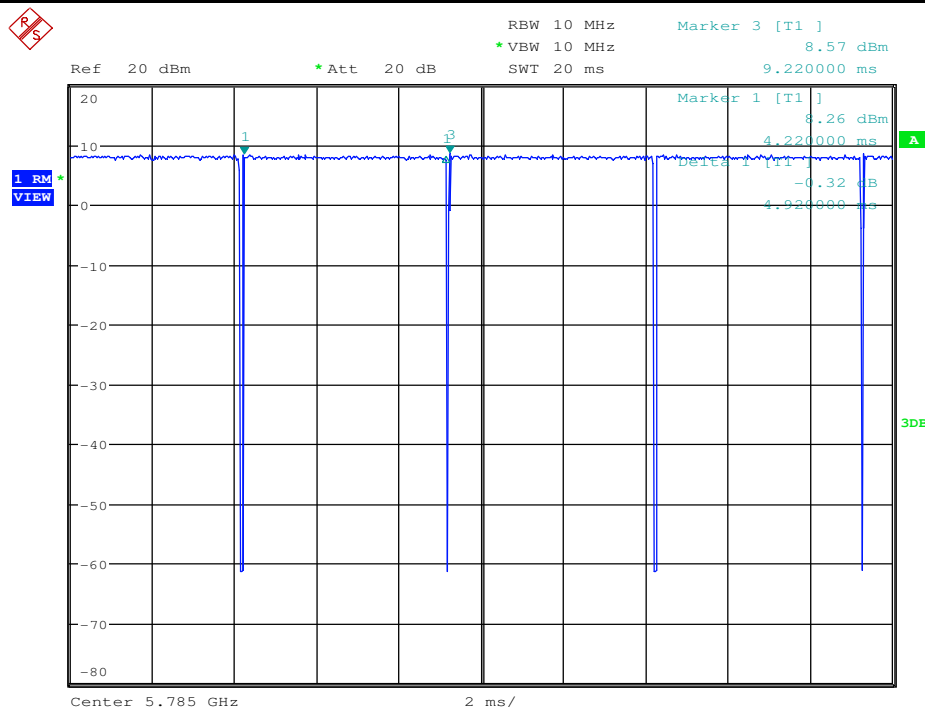
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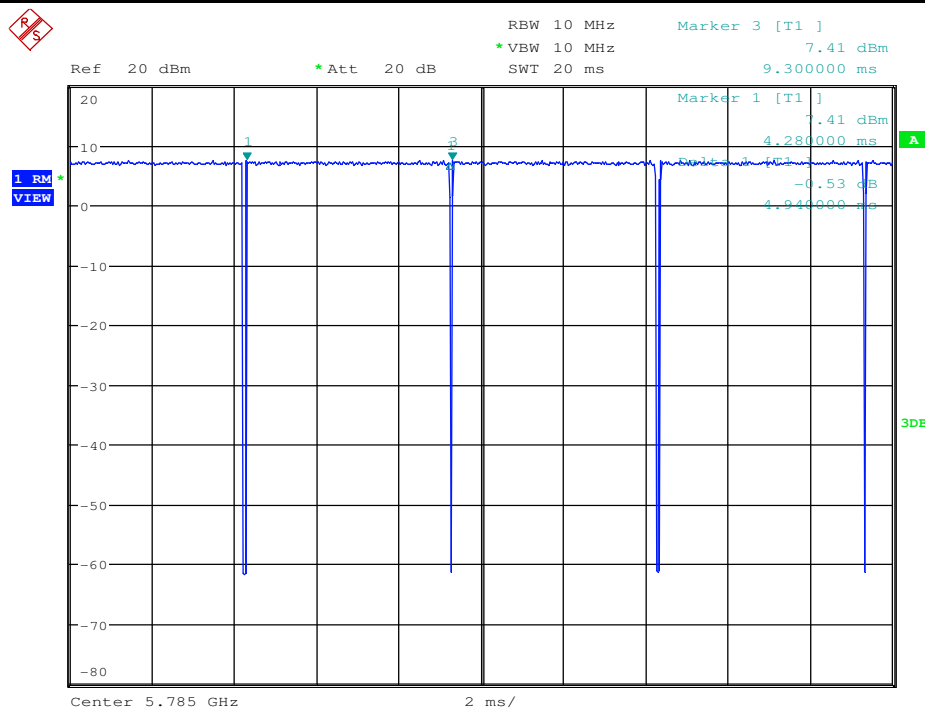
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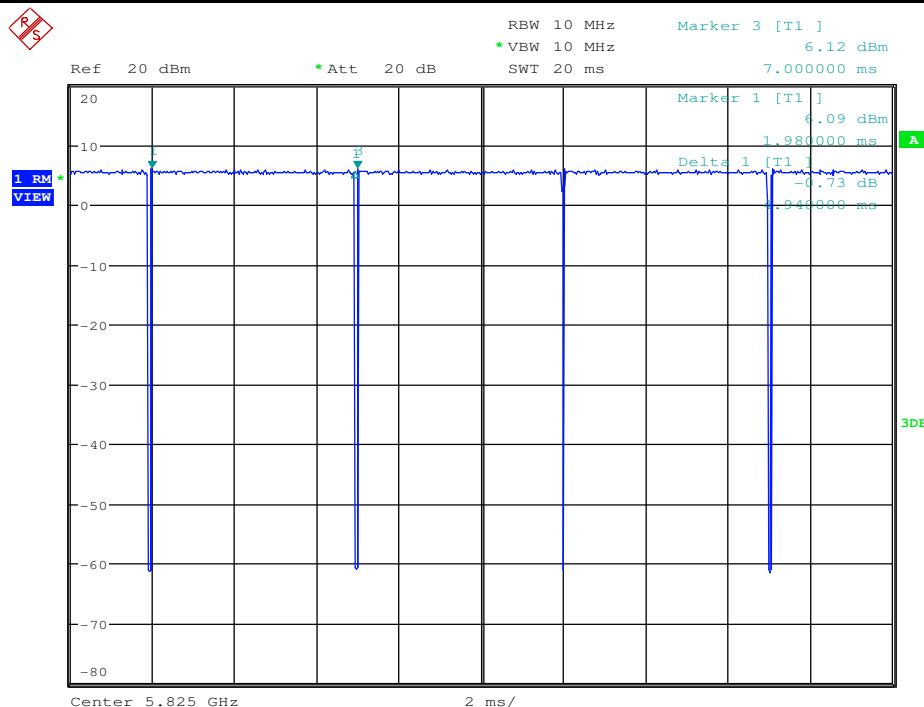
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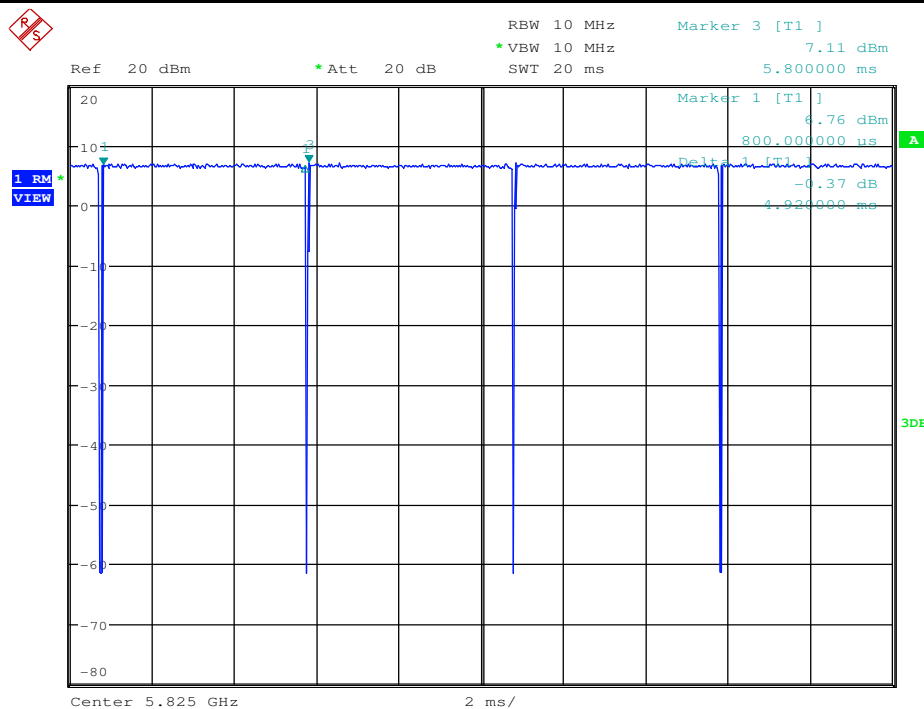
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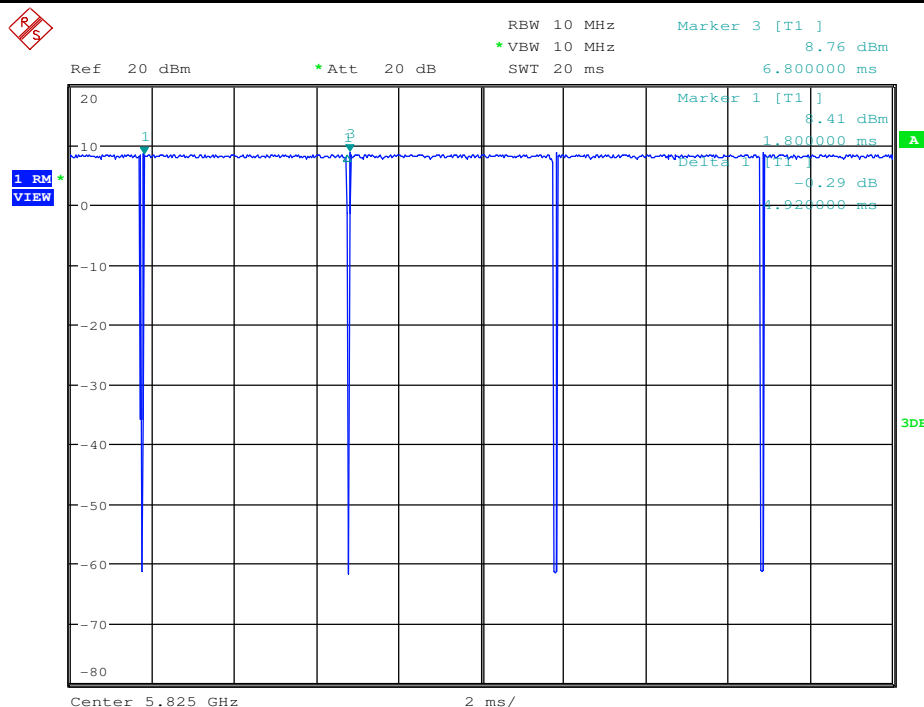
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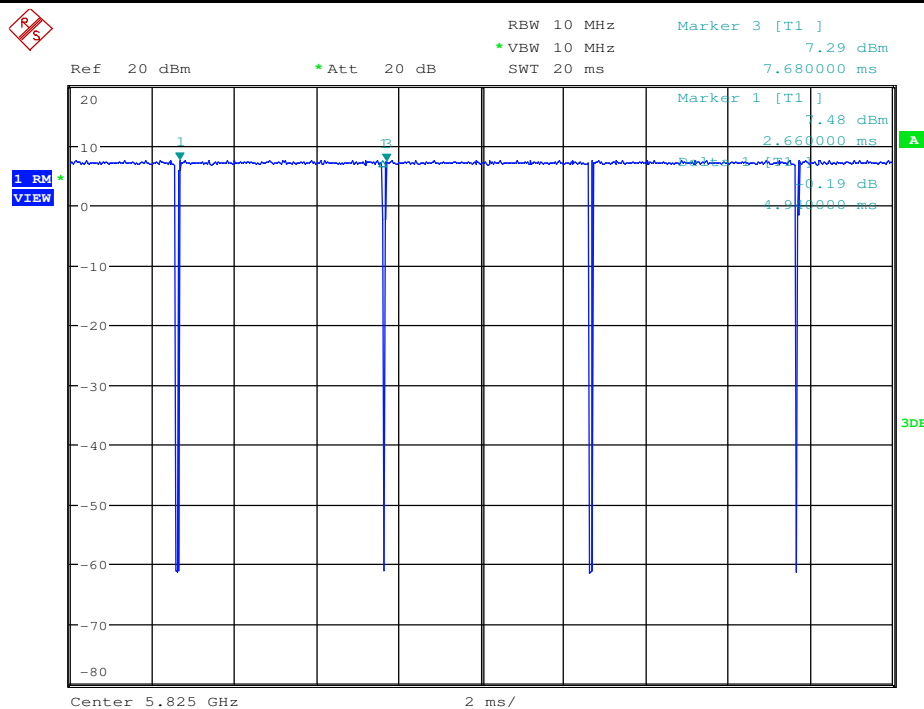
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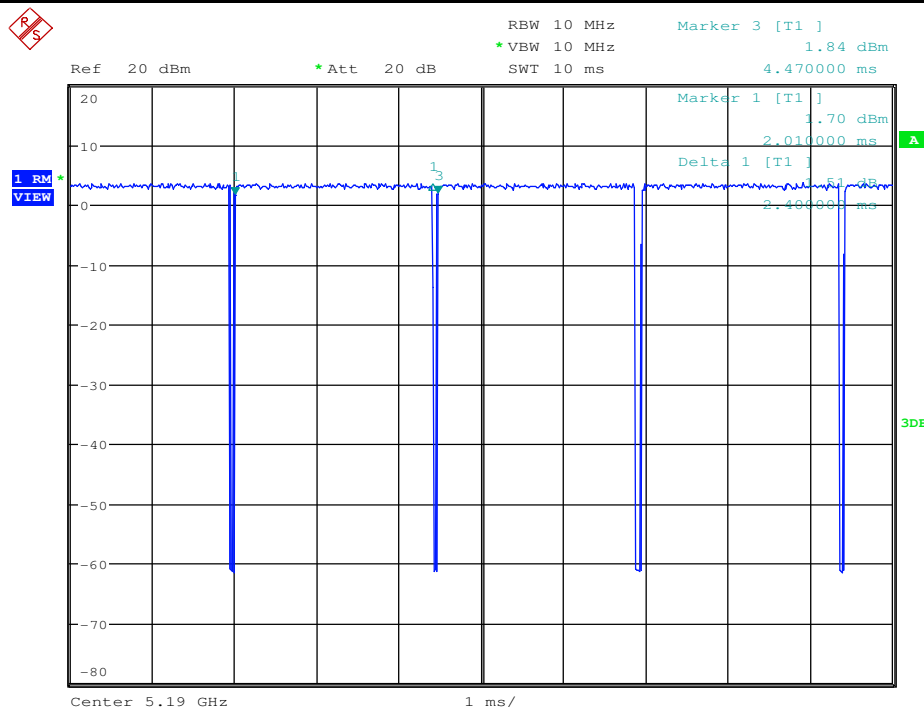
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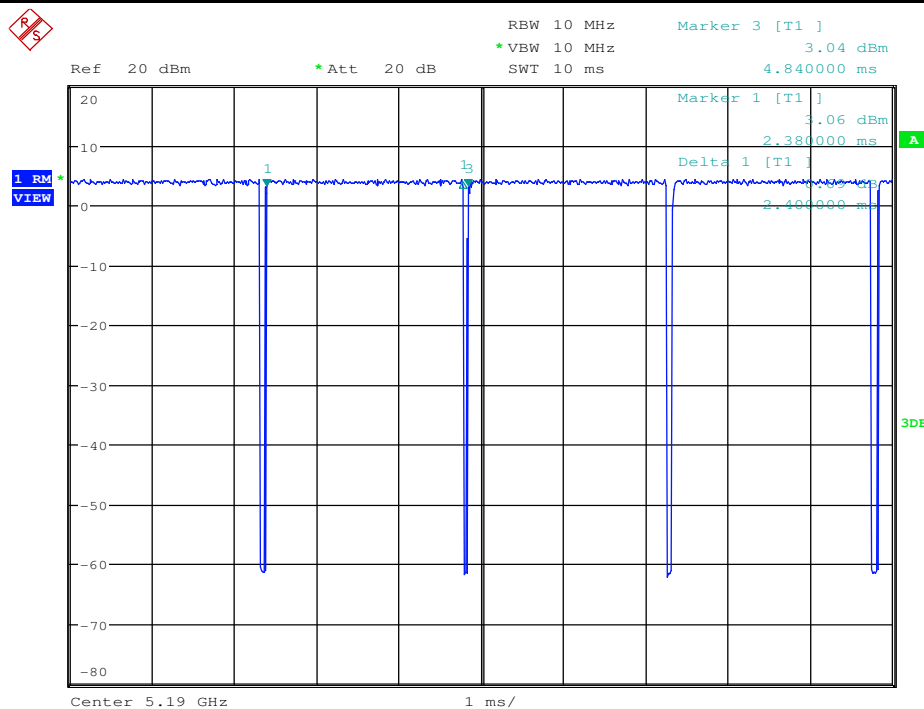
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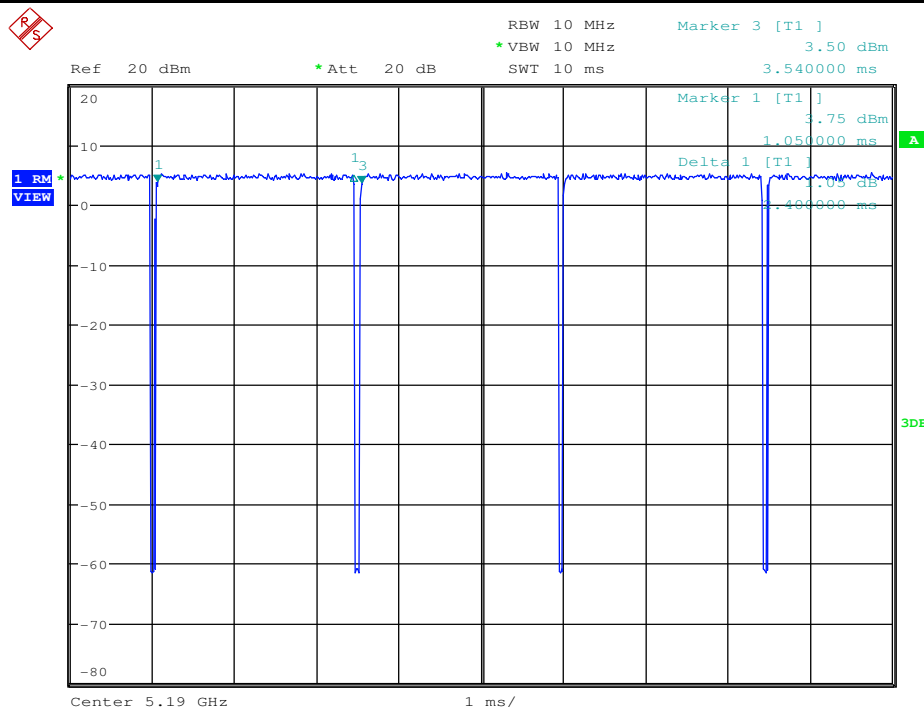
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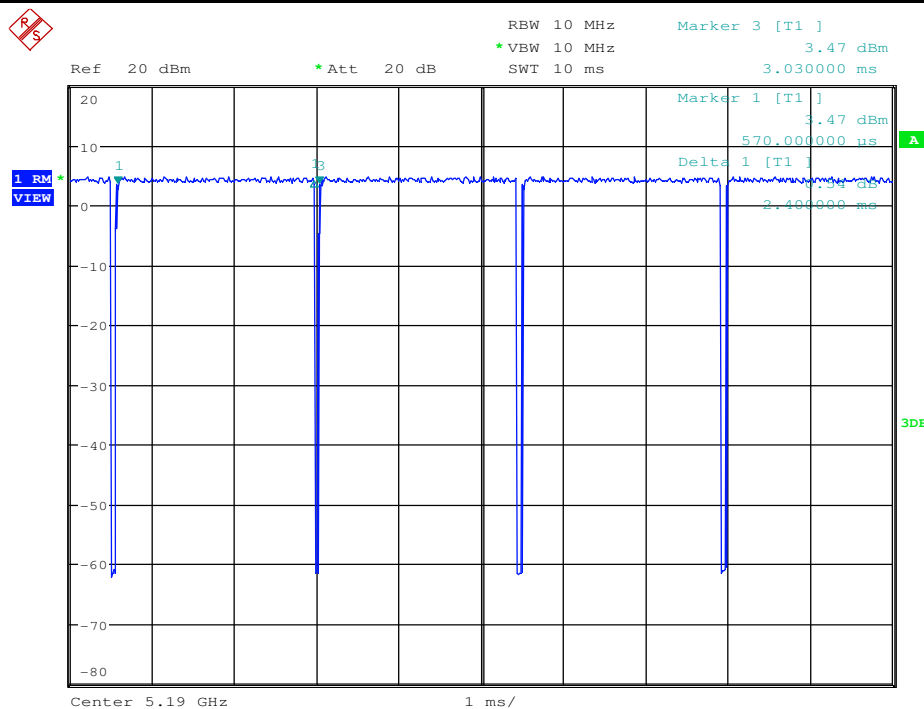
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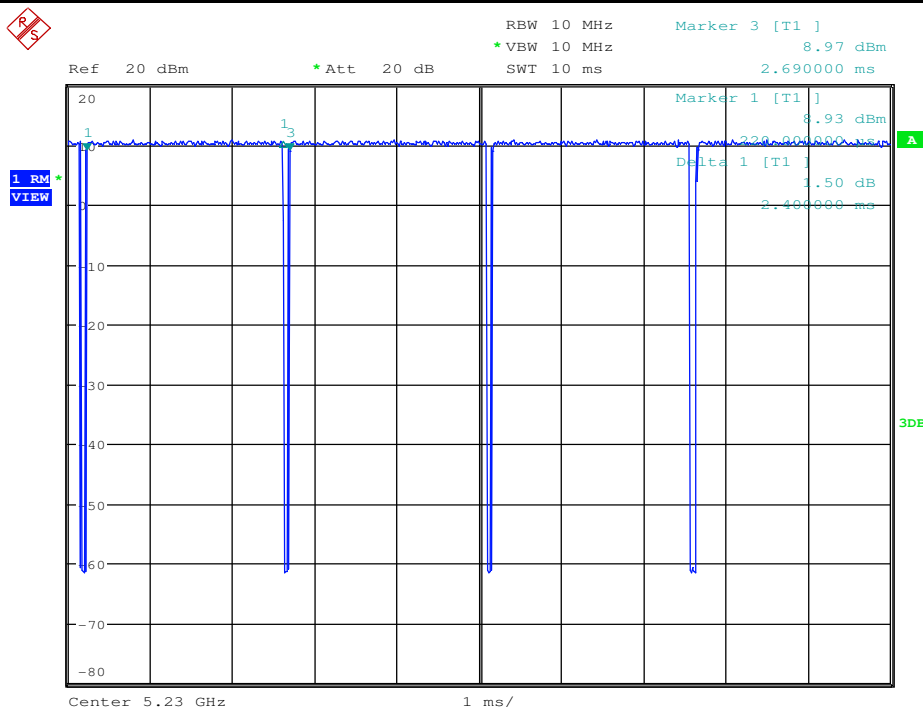
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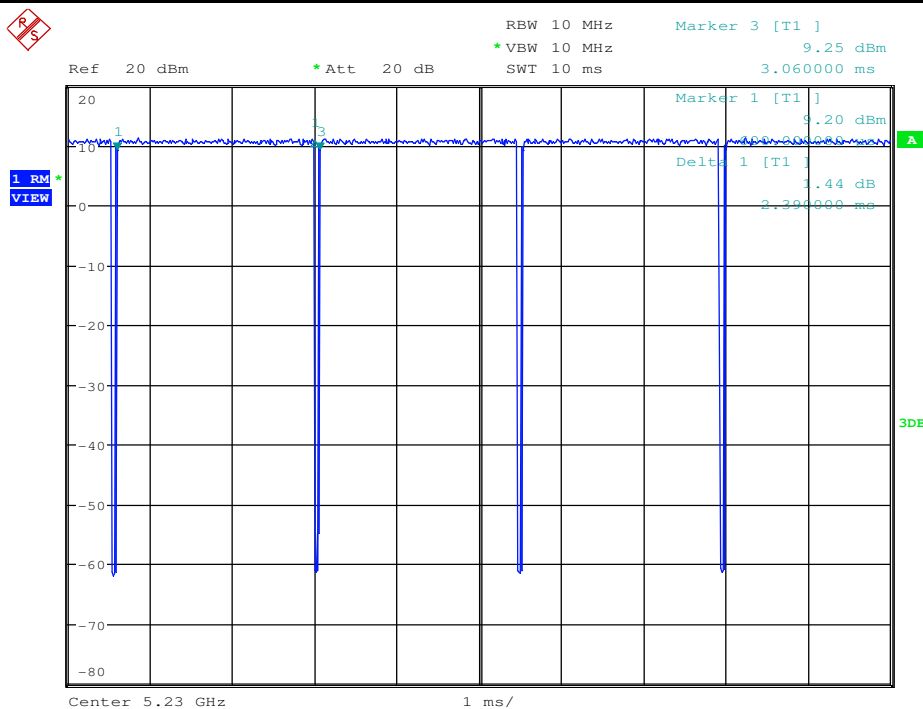
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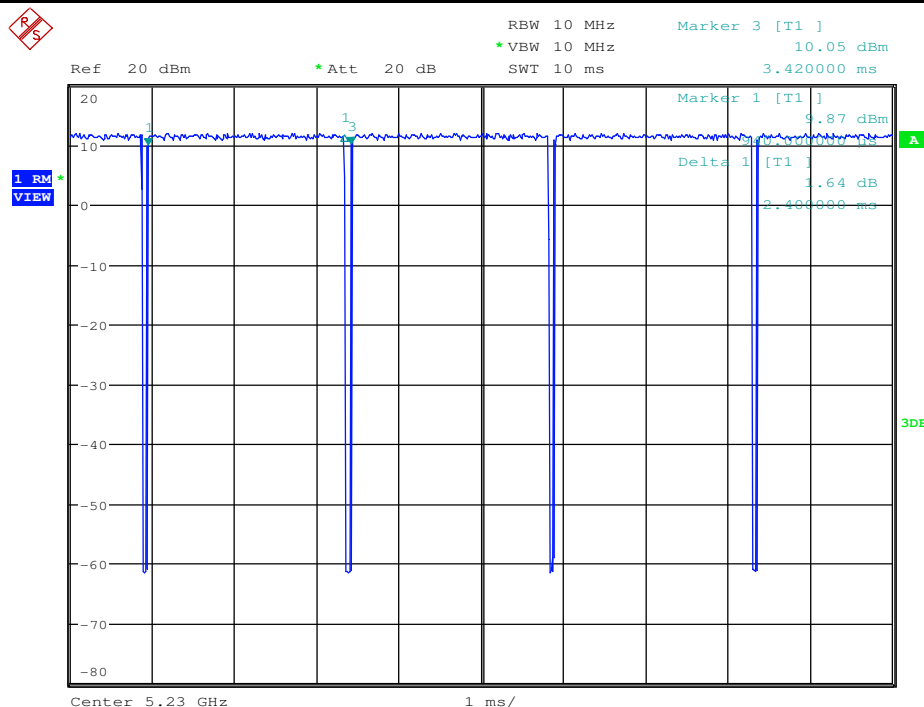
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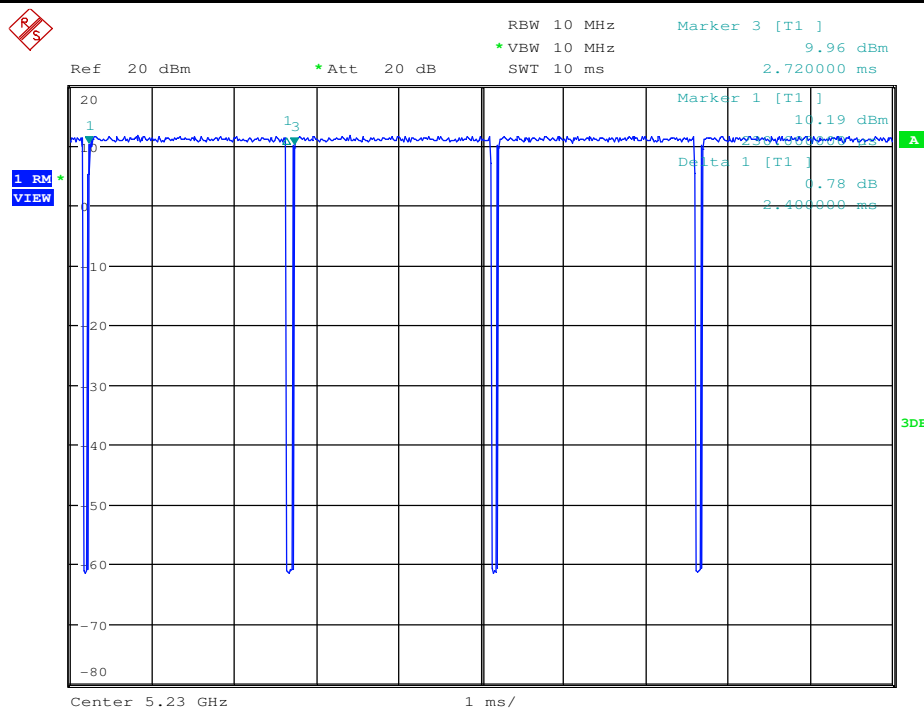
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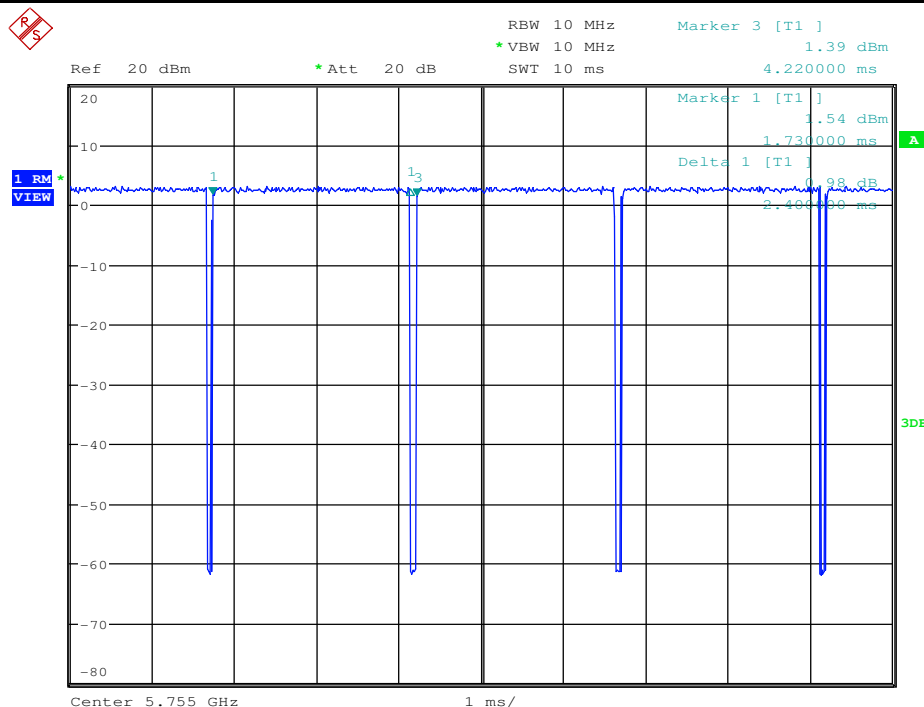
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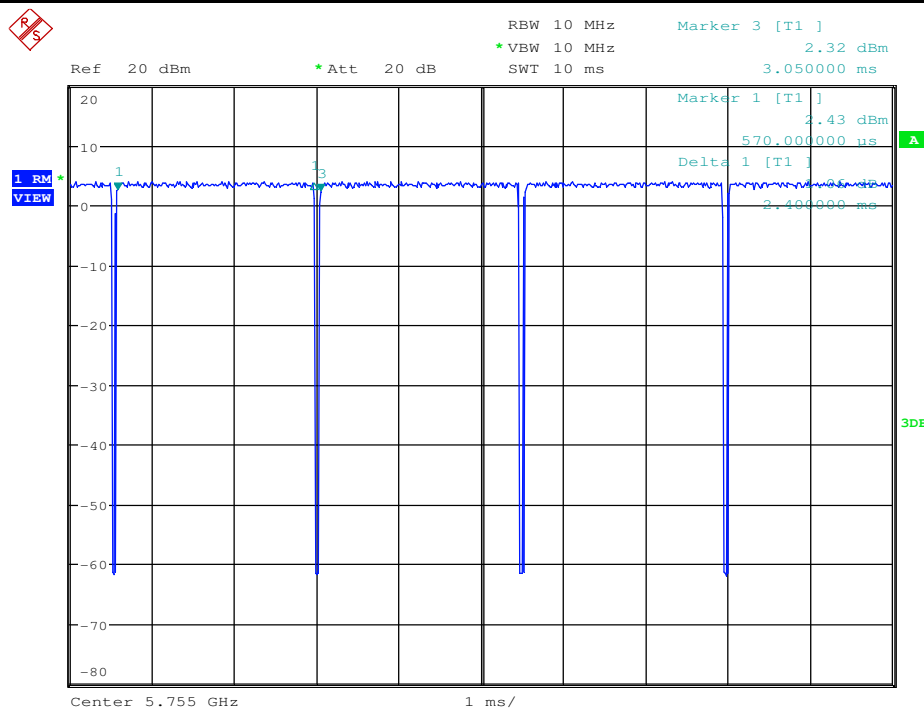
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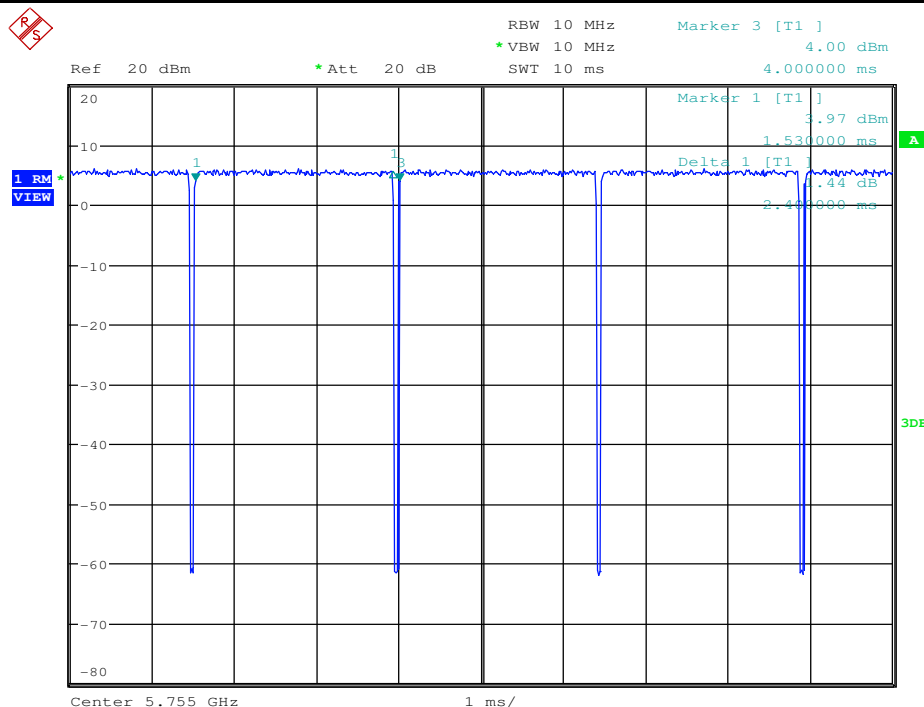
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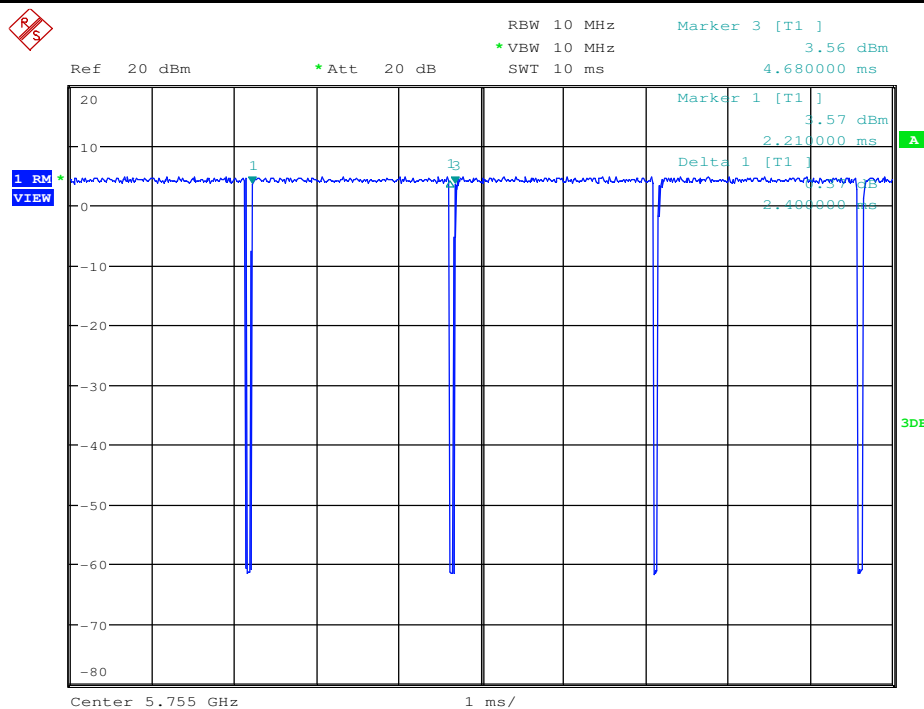
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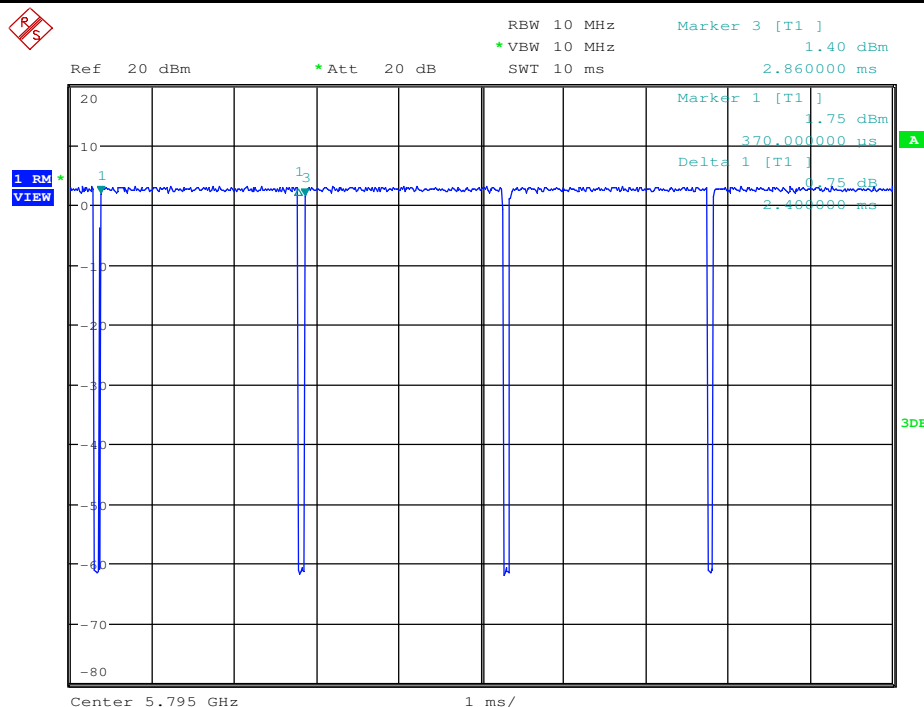
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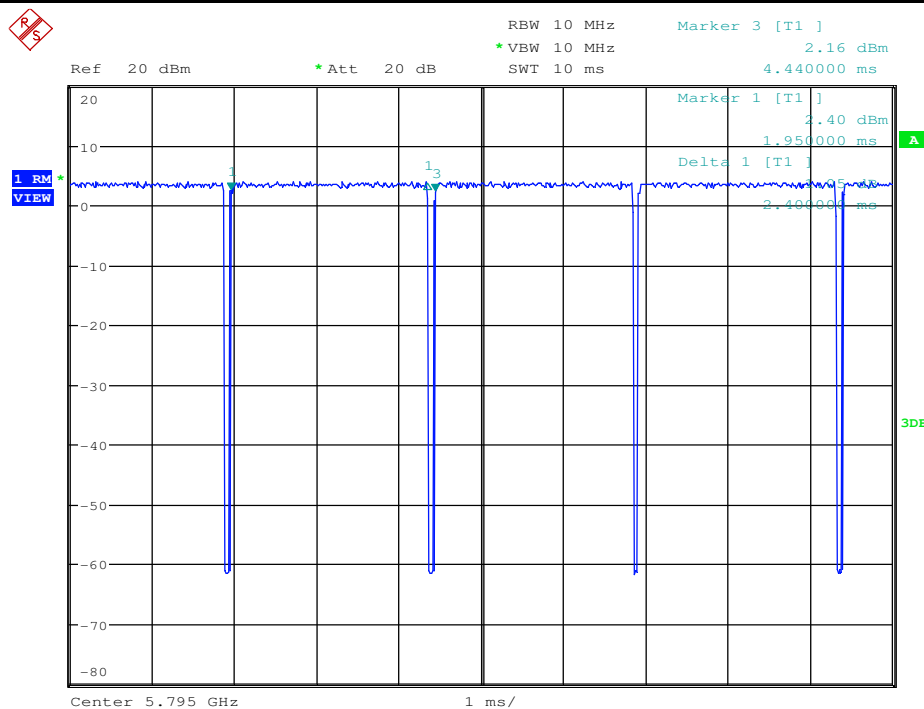
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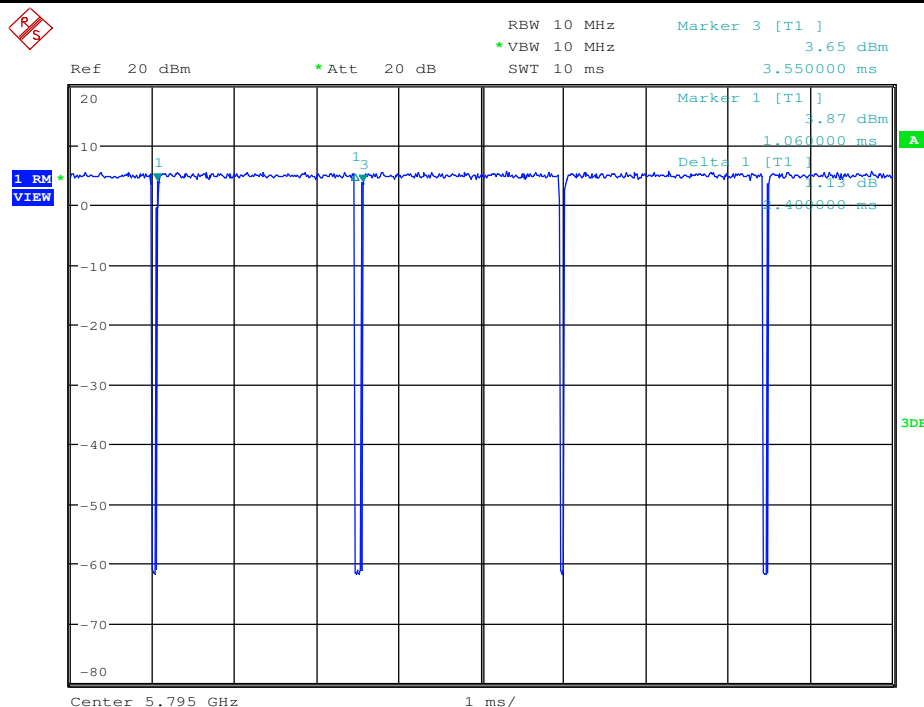
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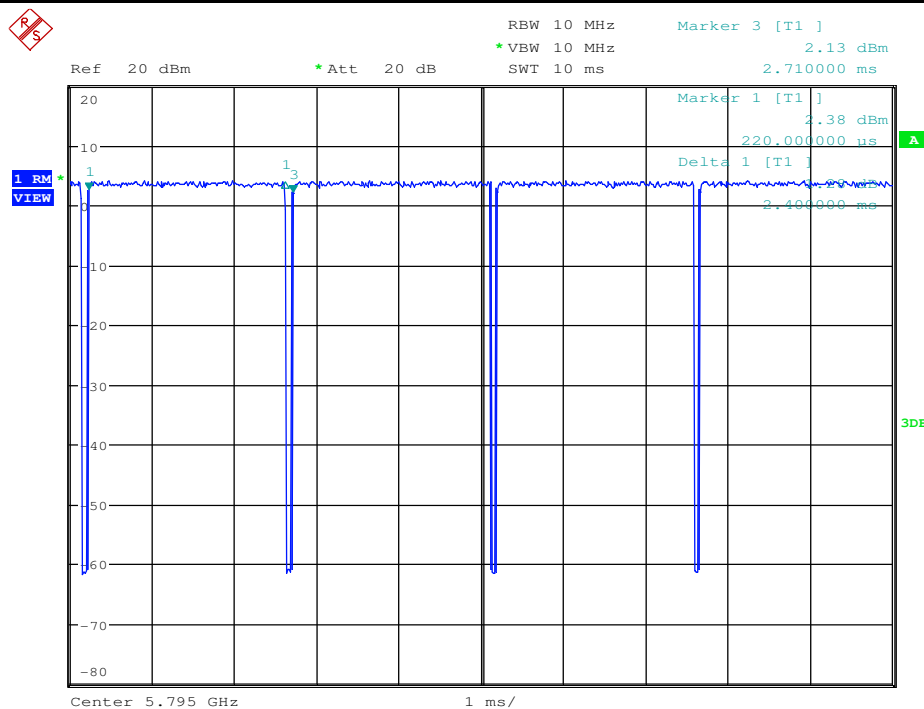
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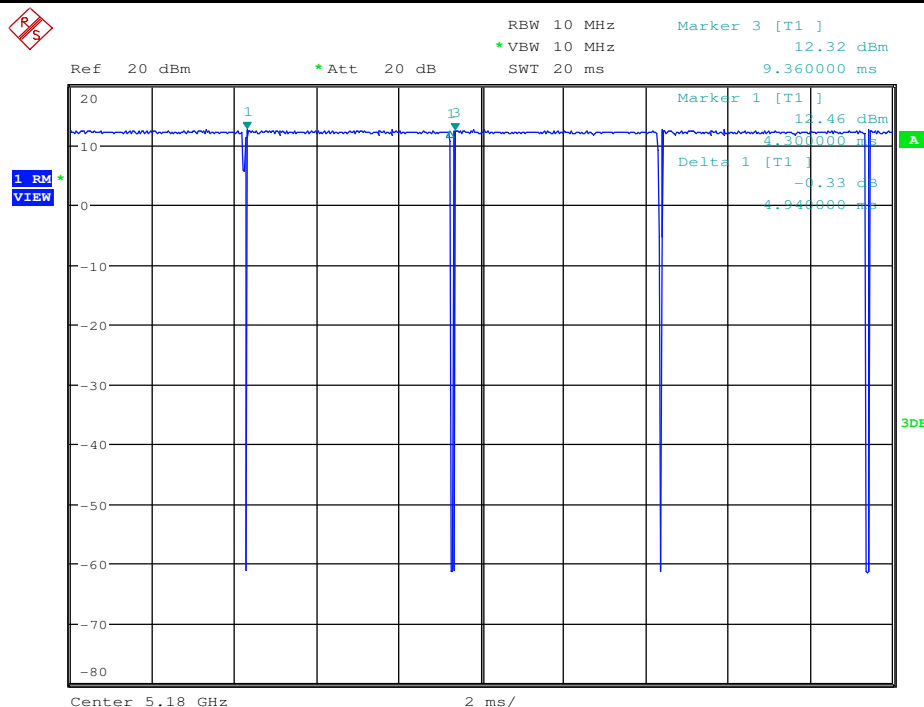
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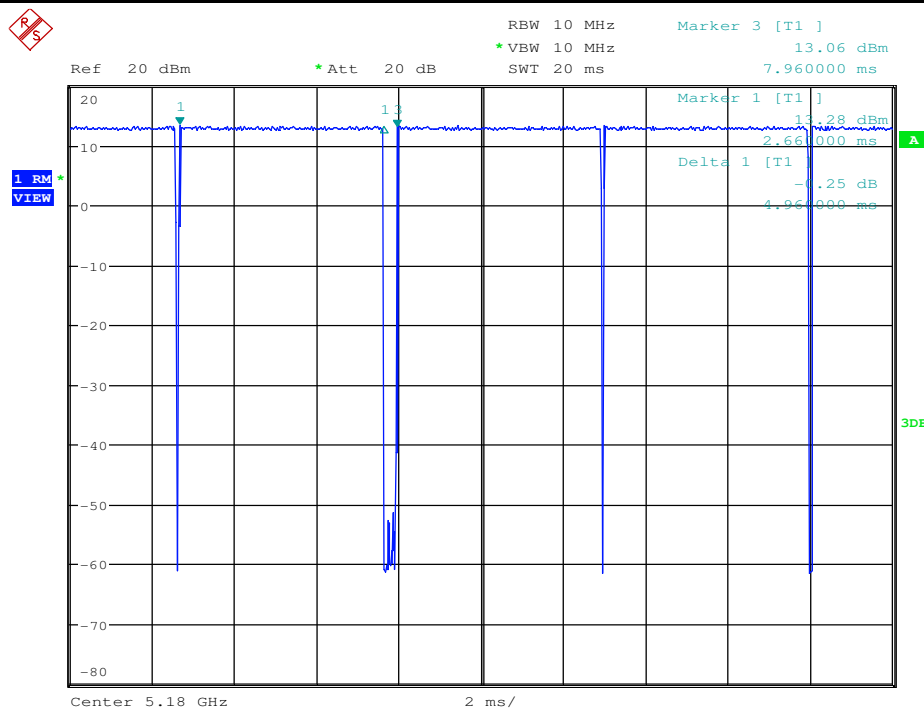
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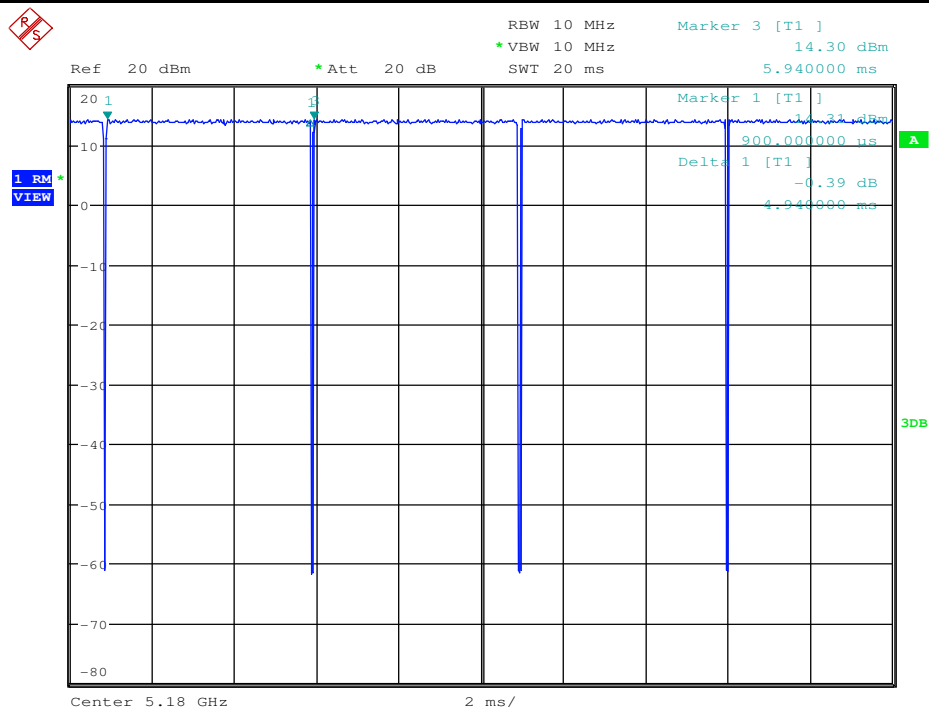
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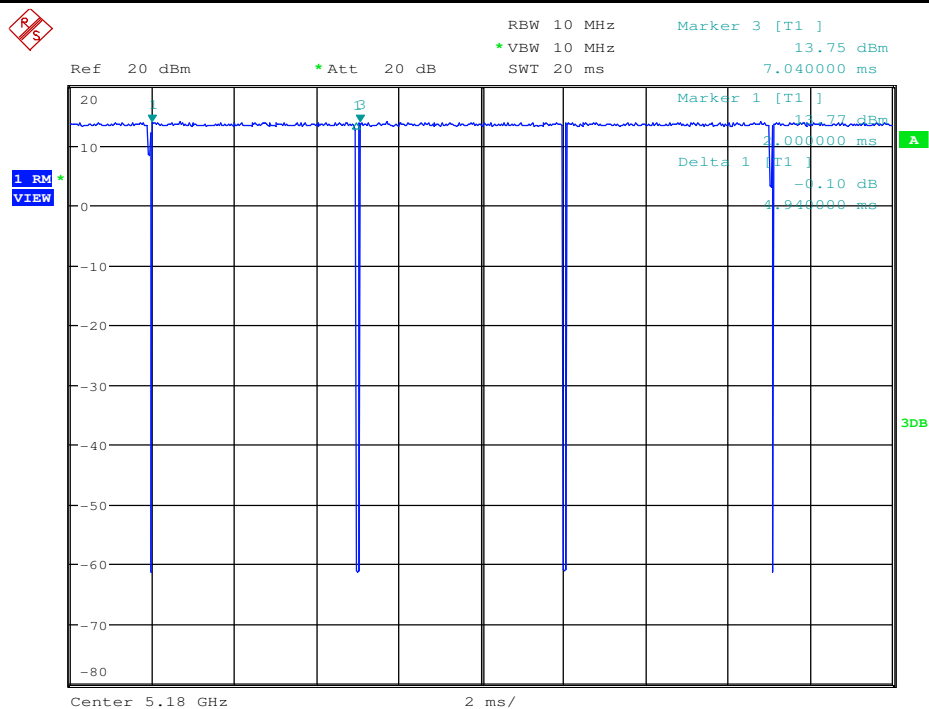
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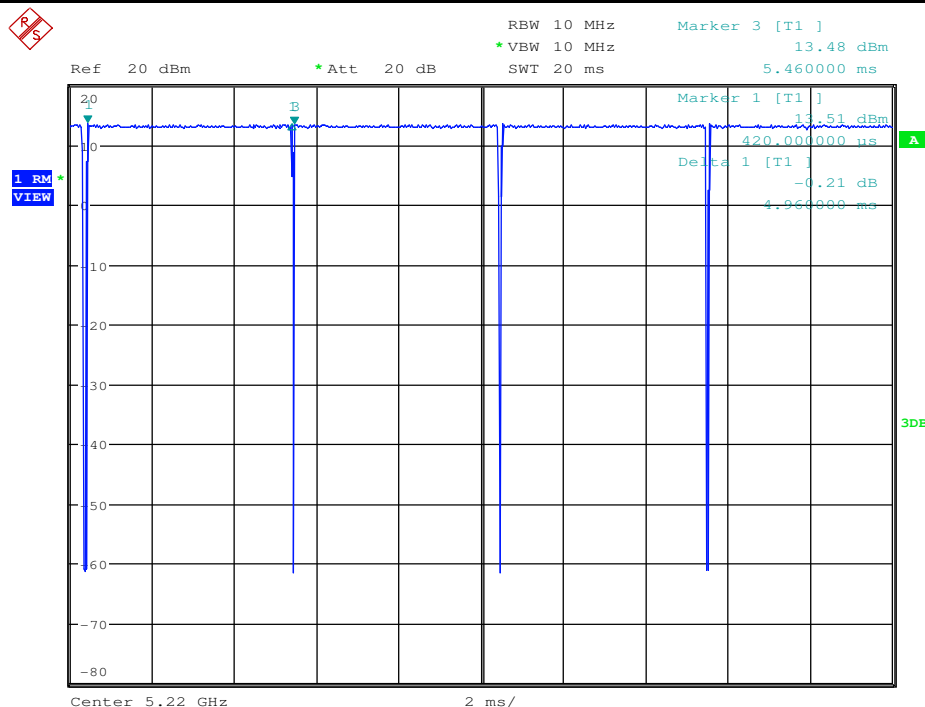
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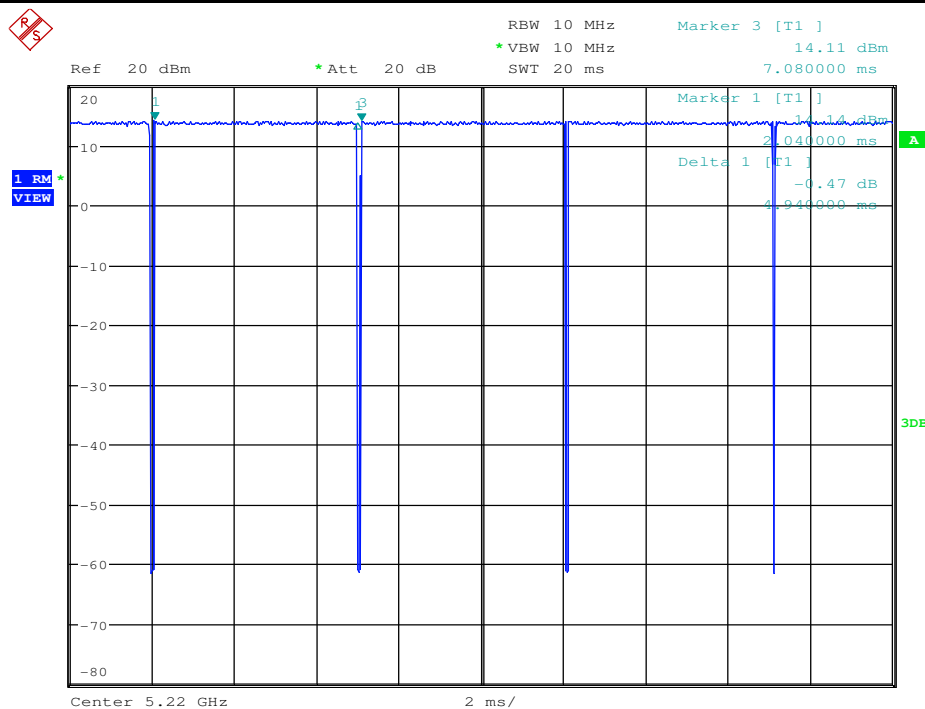
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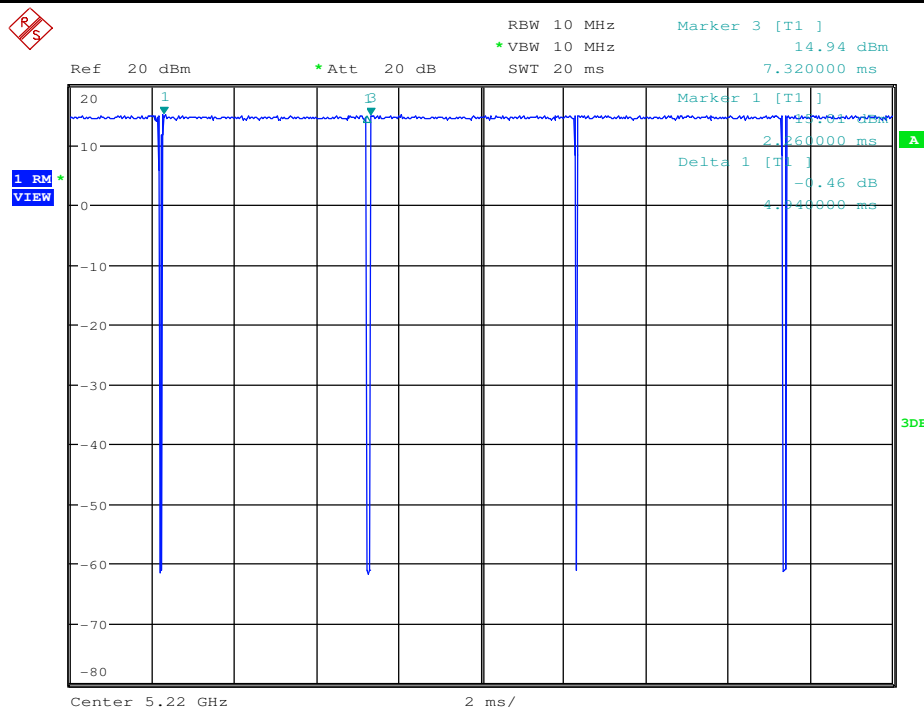
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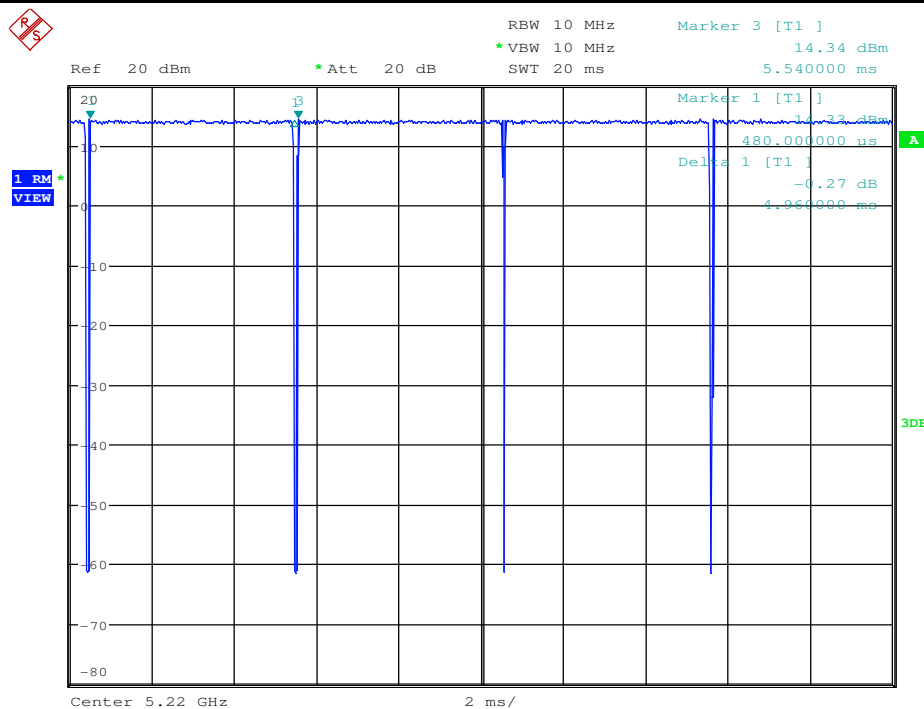
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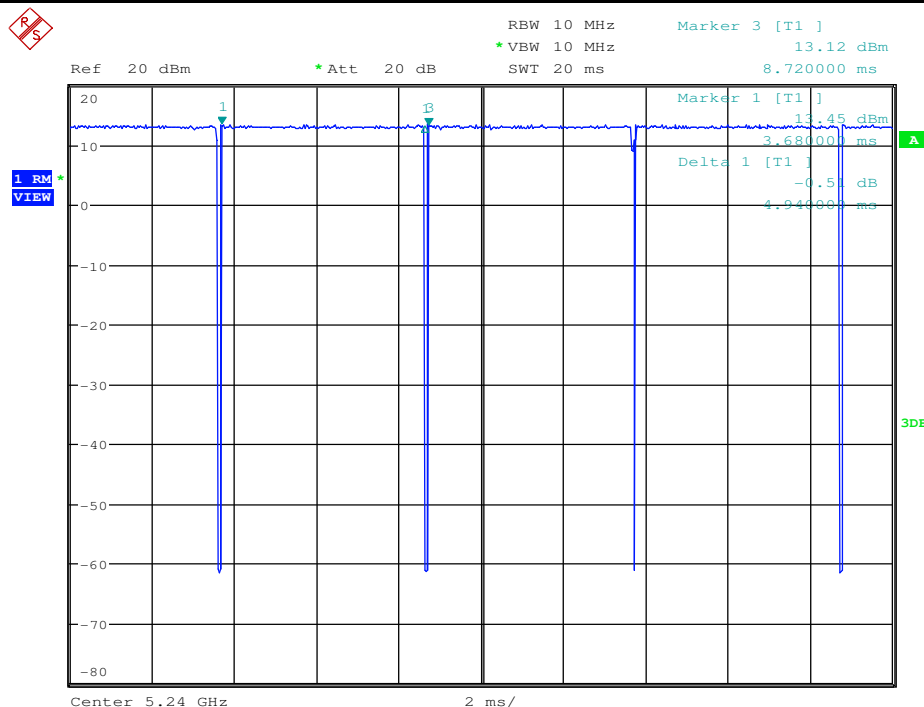
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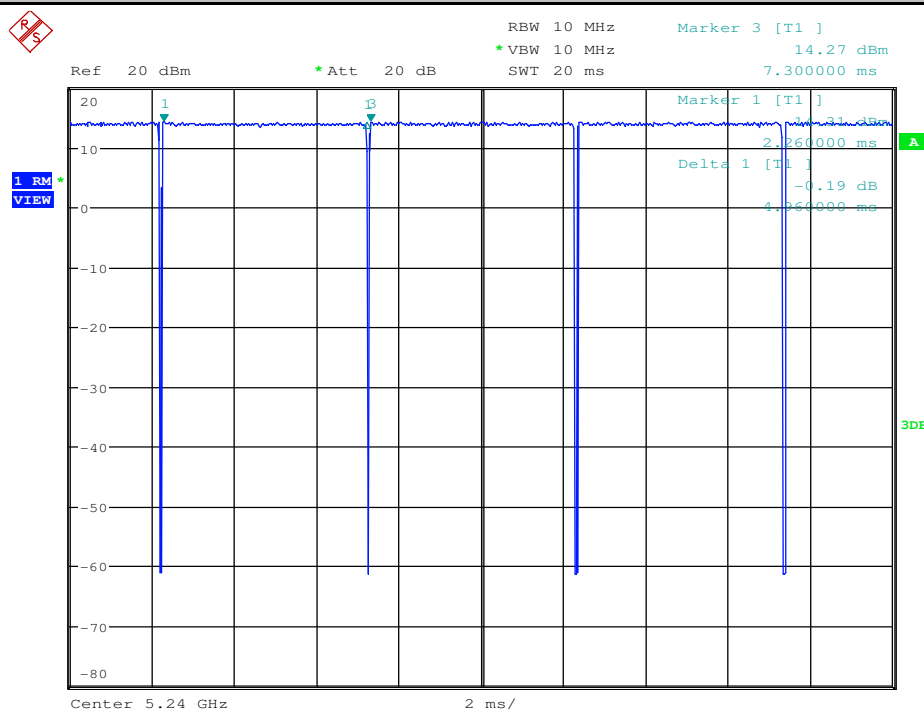
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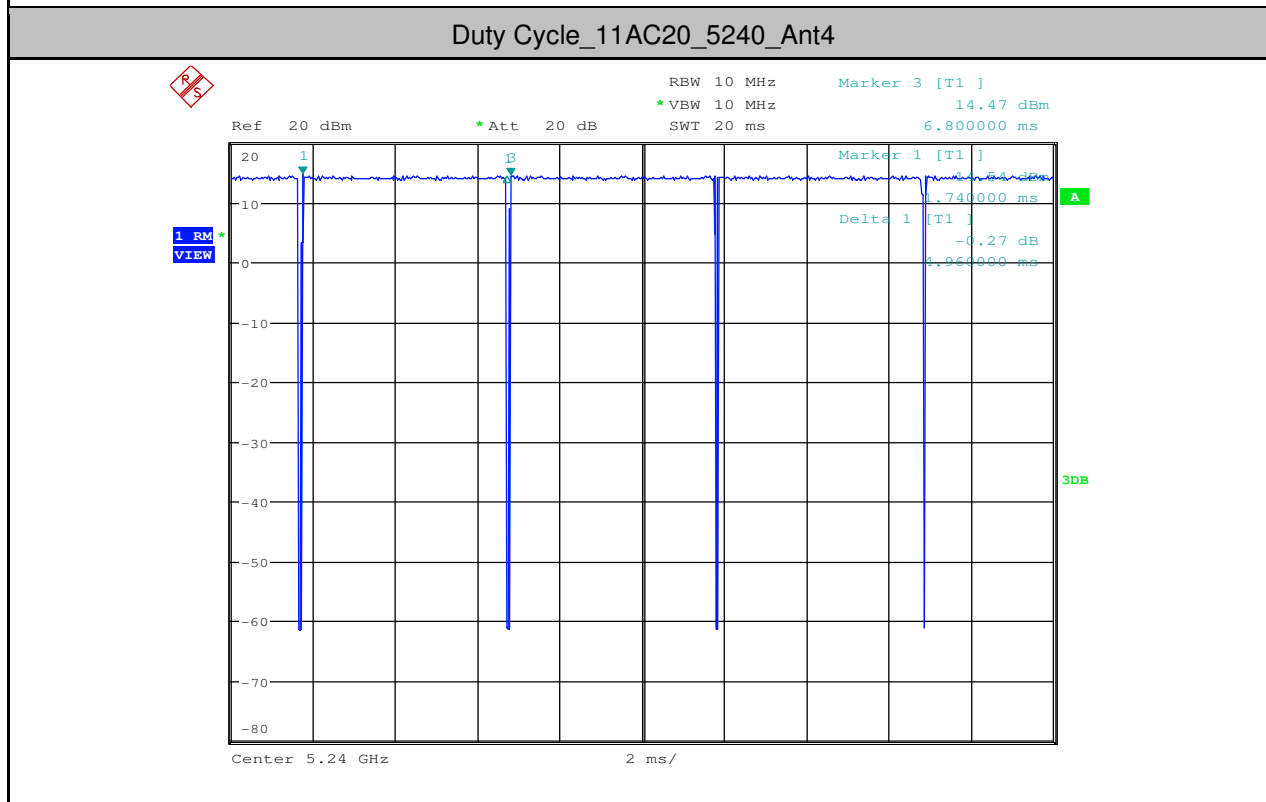
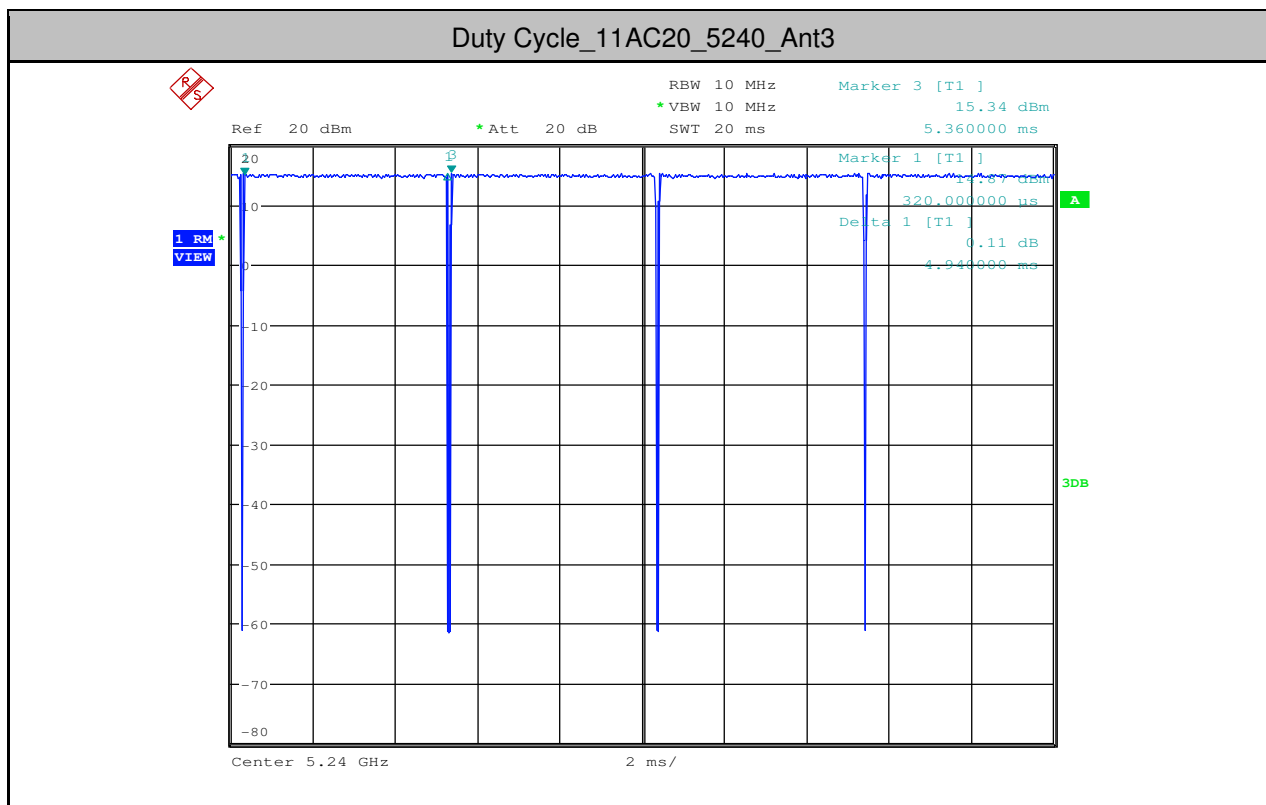


Duty Cycle_11AC20_5240_Ant1



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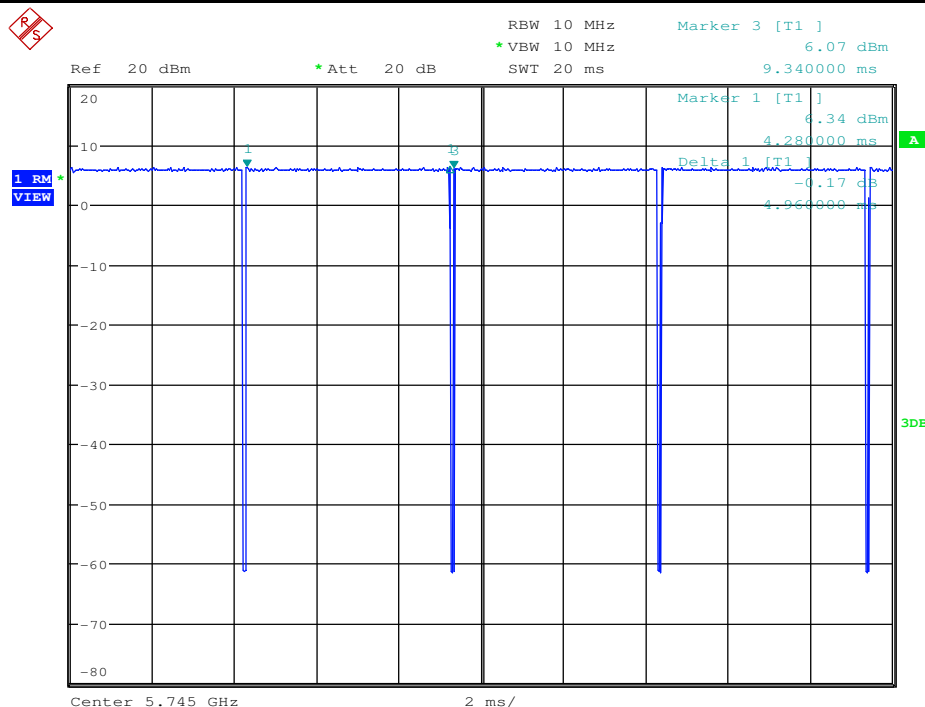


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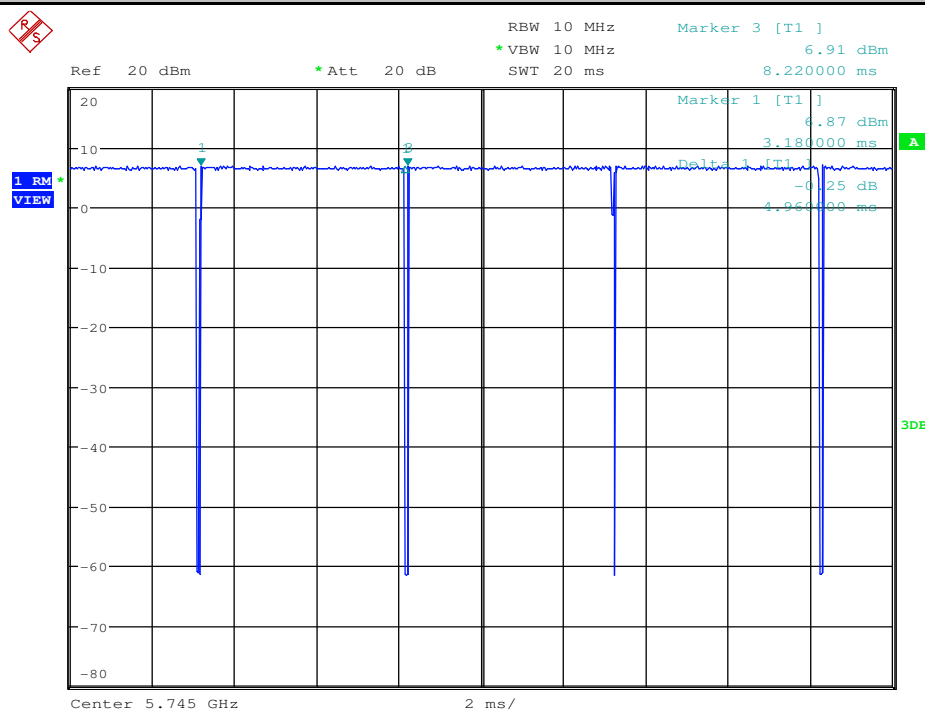
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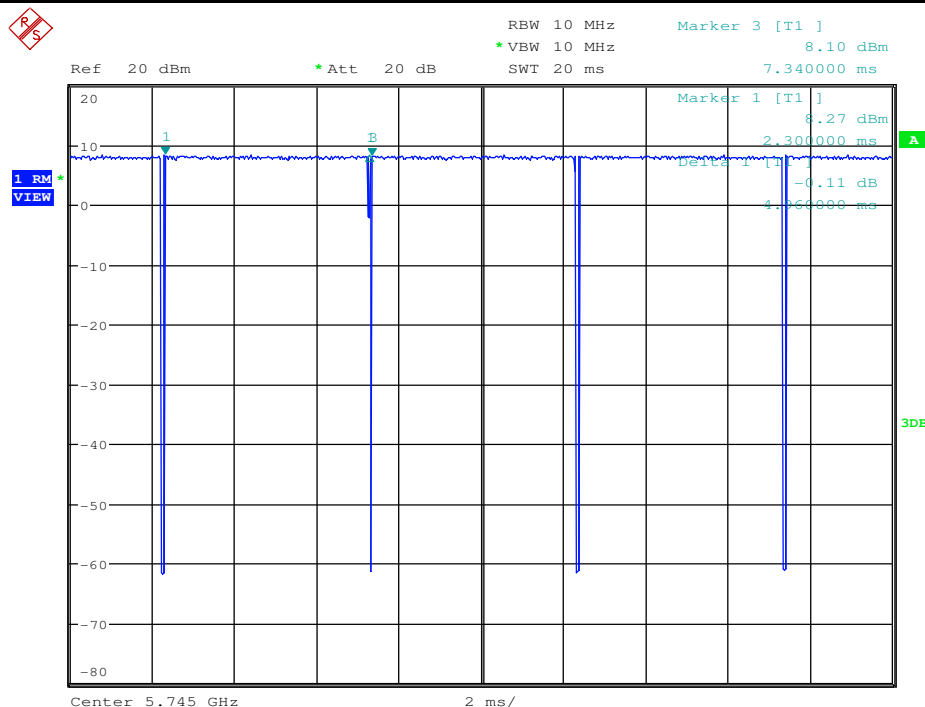
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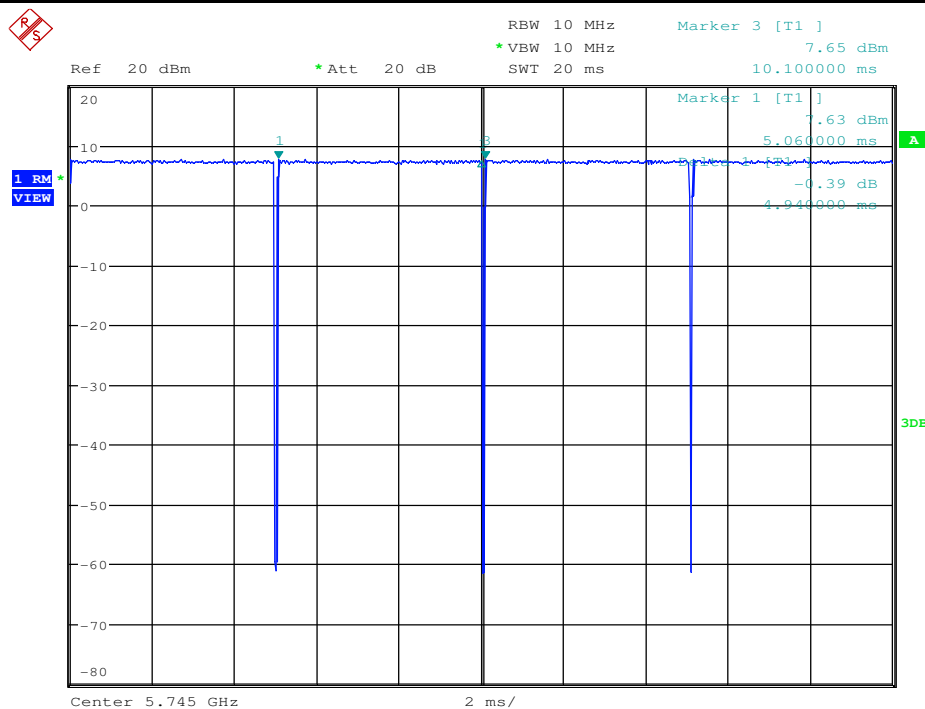
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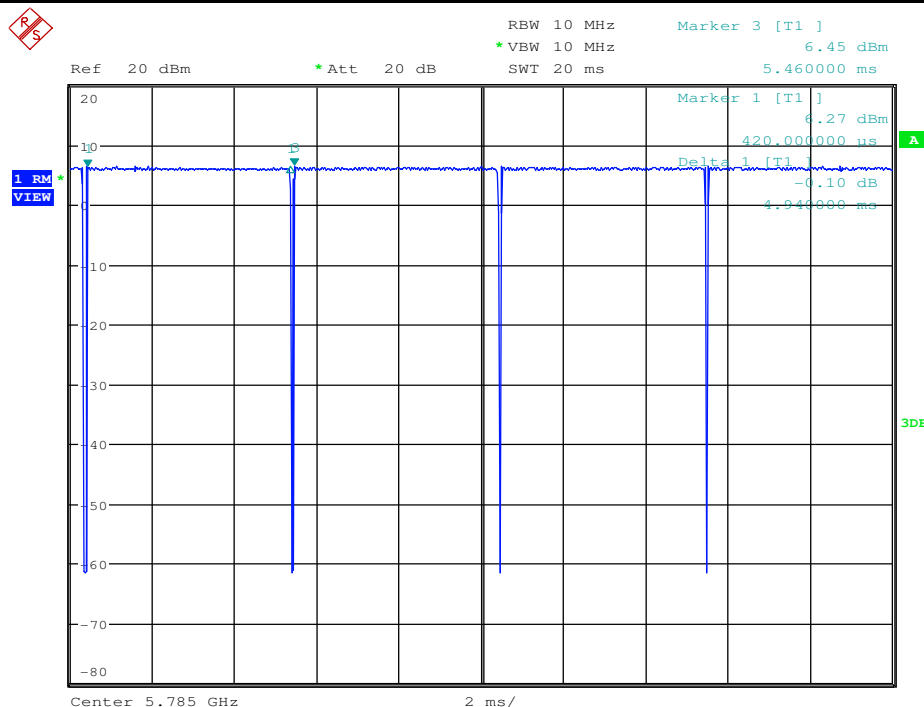
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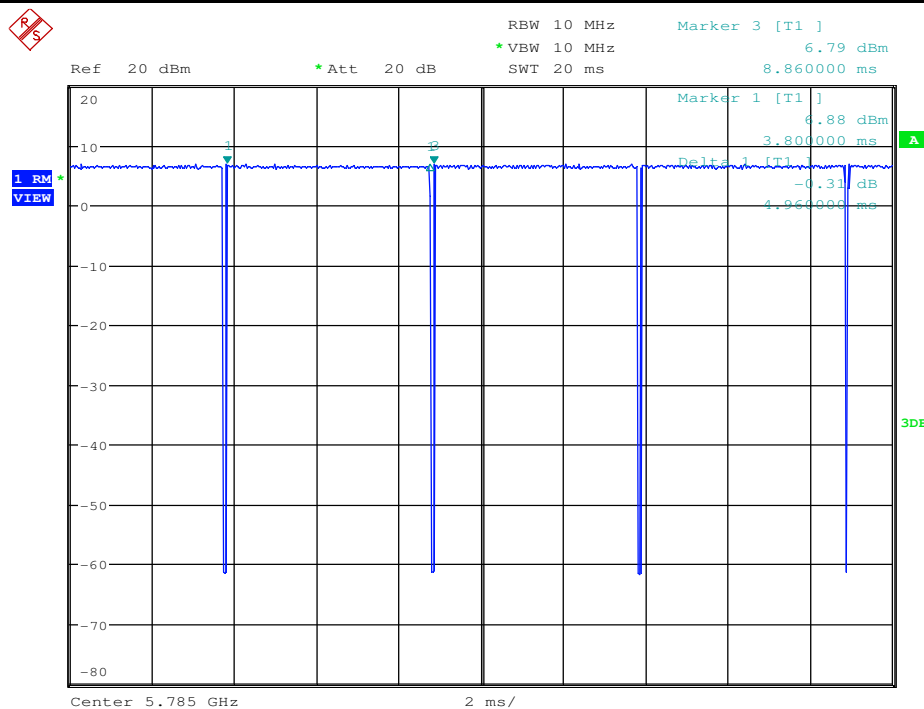
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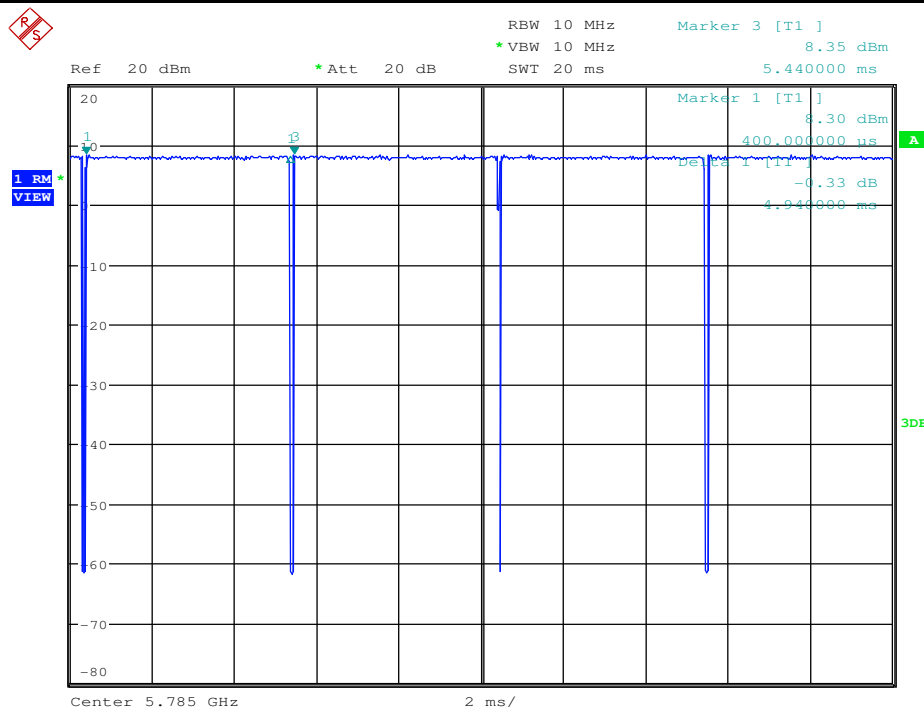
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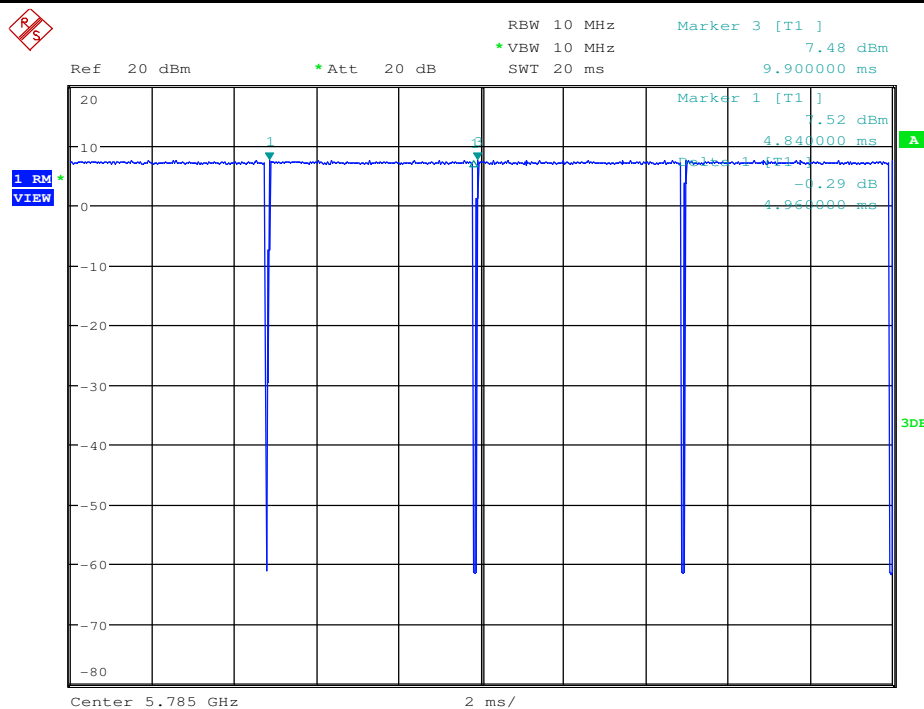
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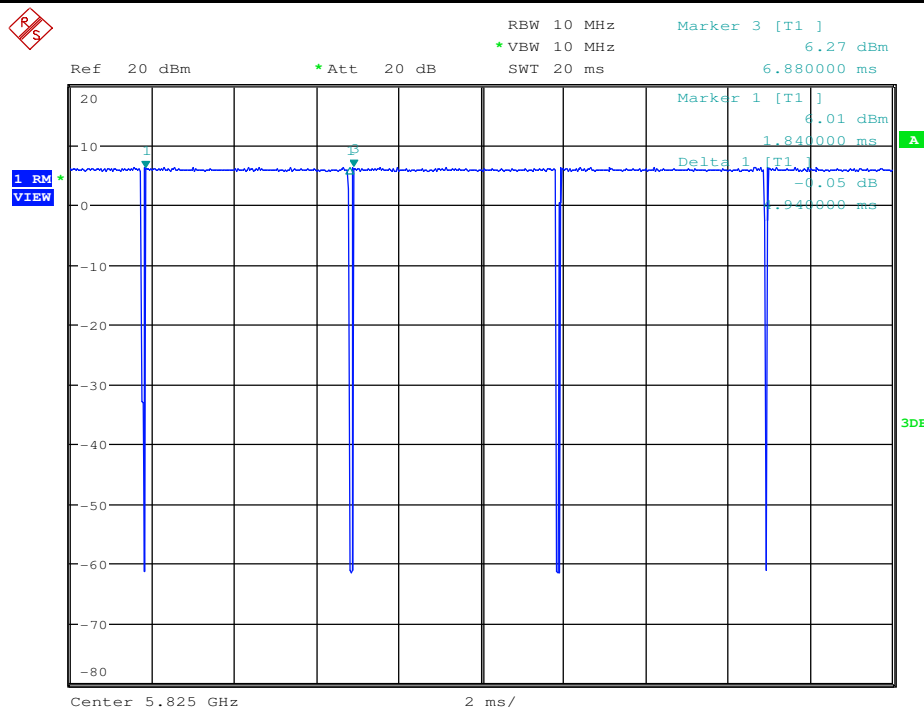
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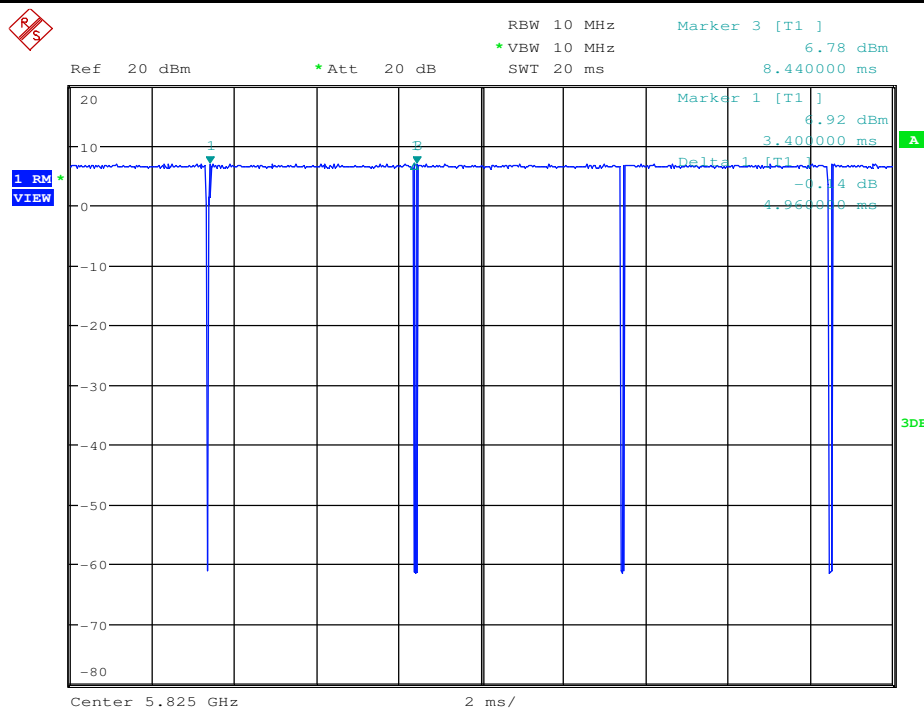
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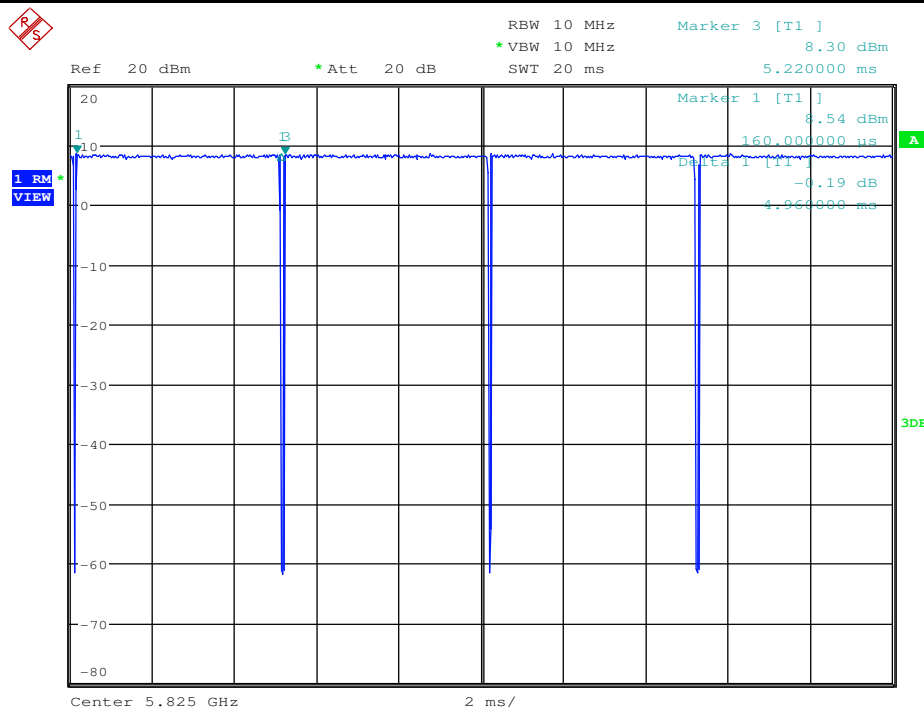
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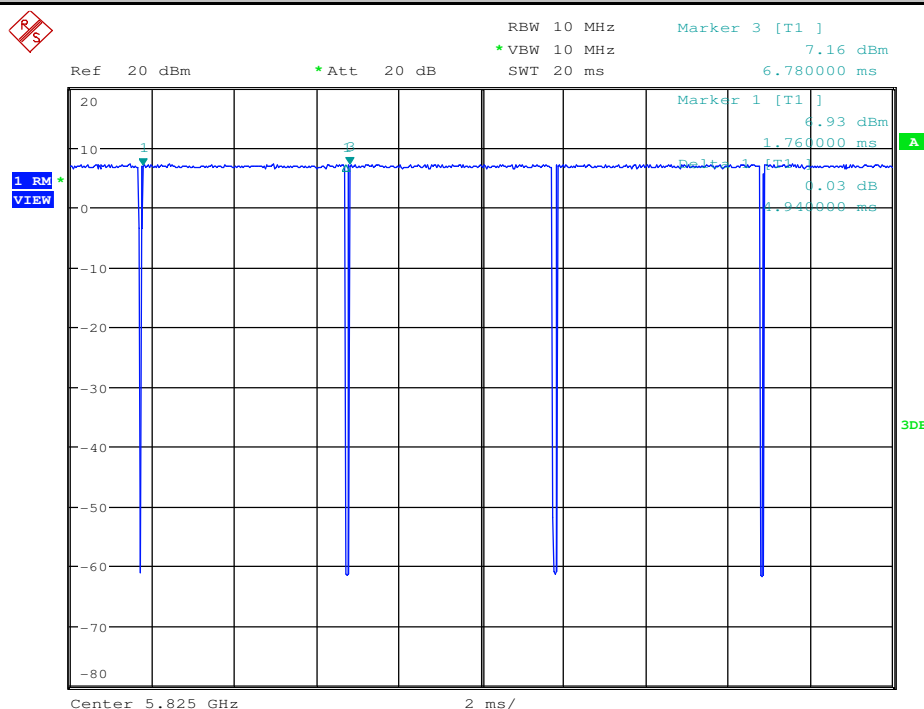
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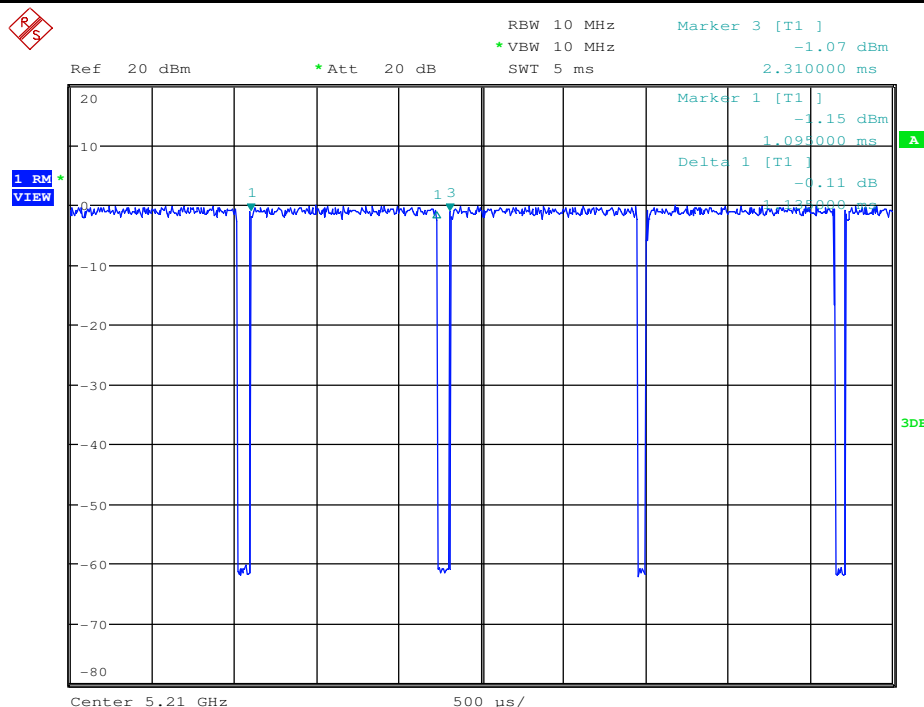
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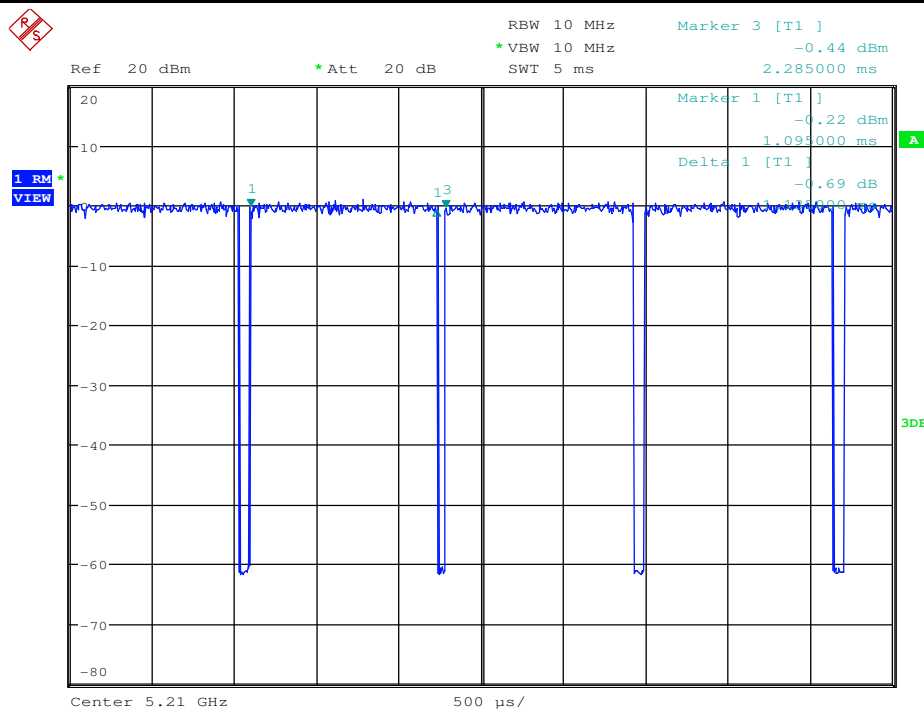
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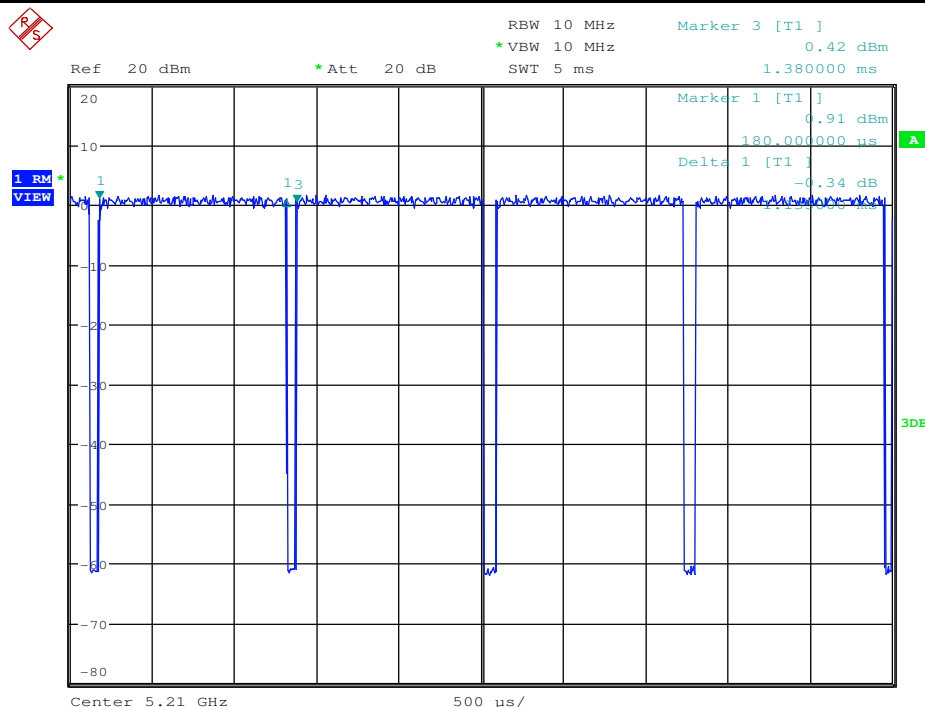
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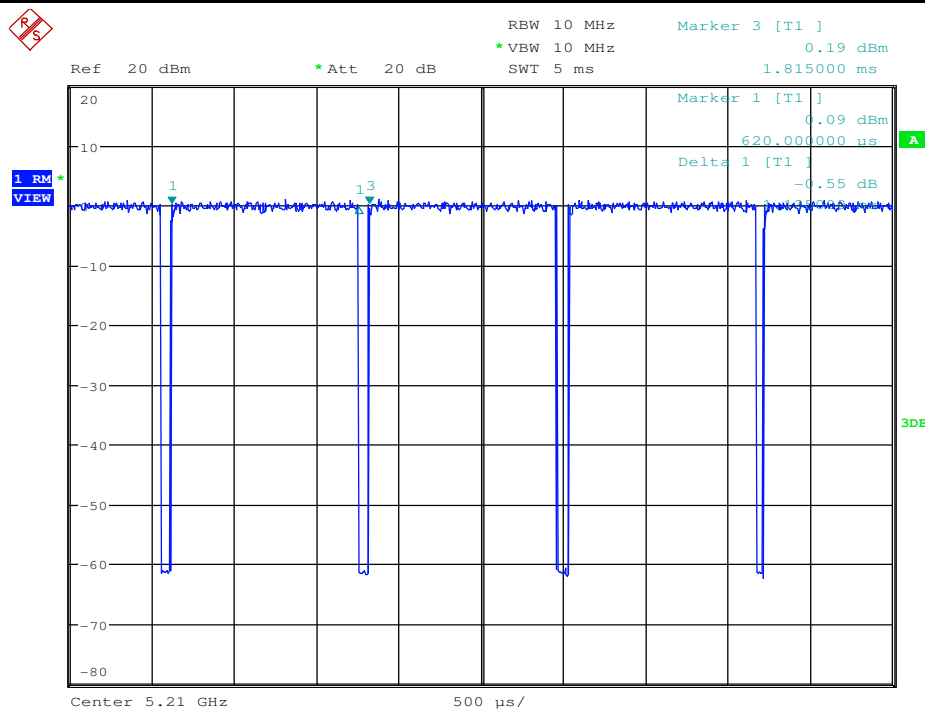
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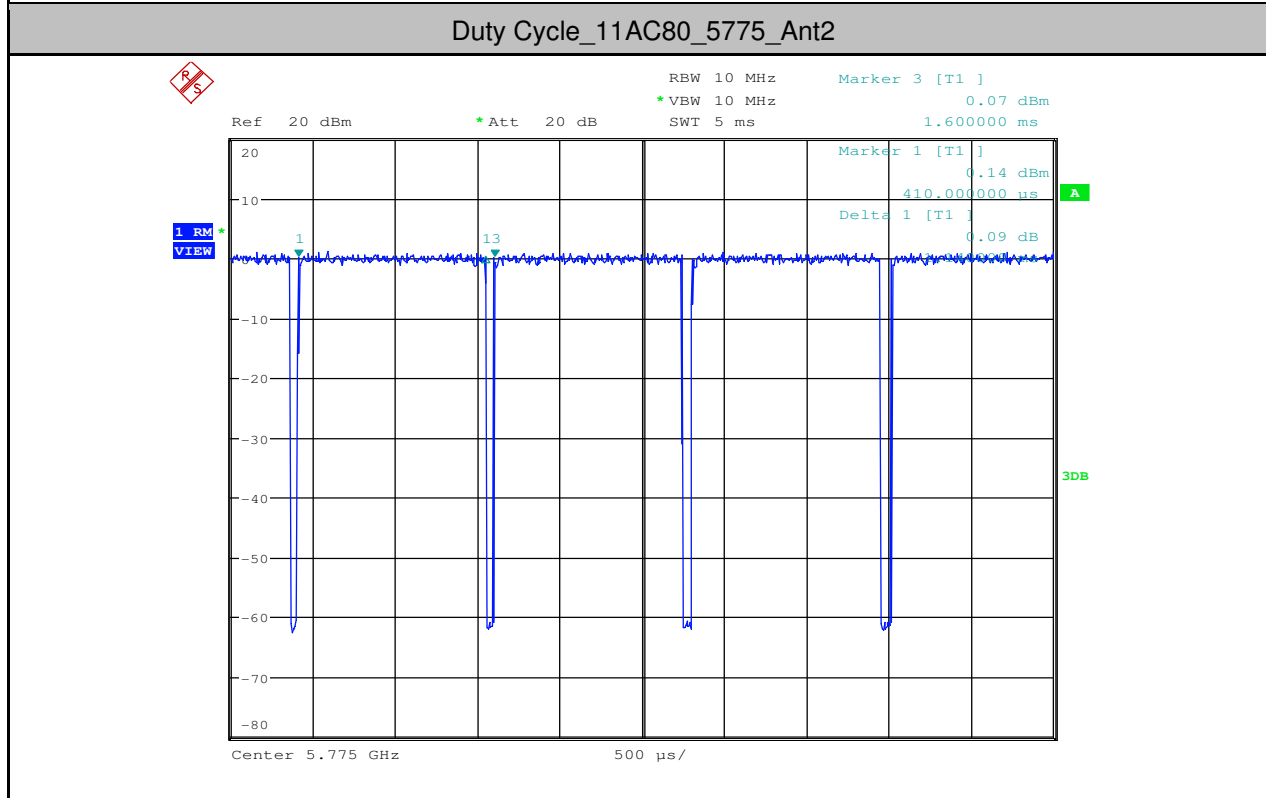
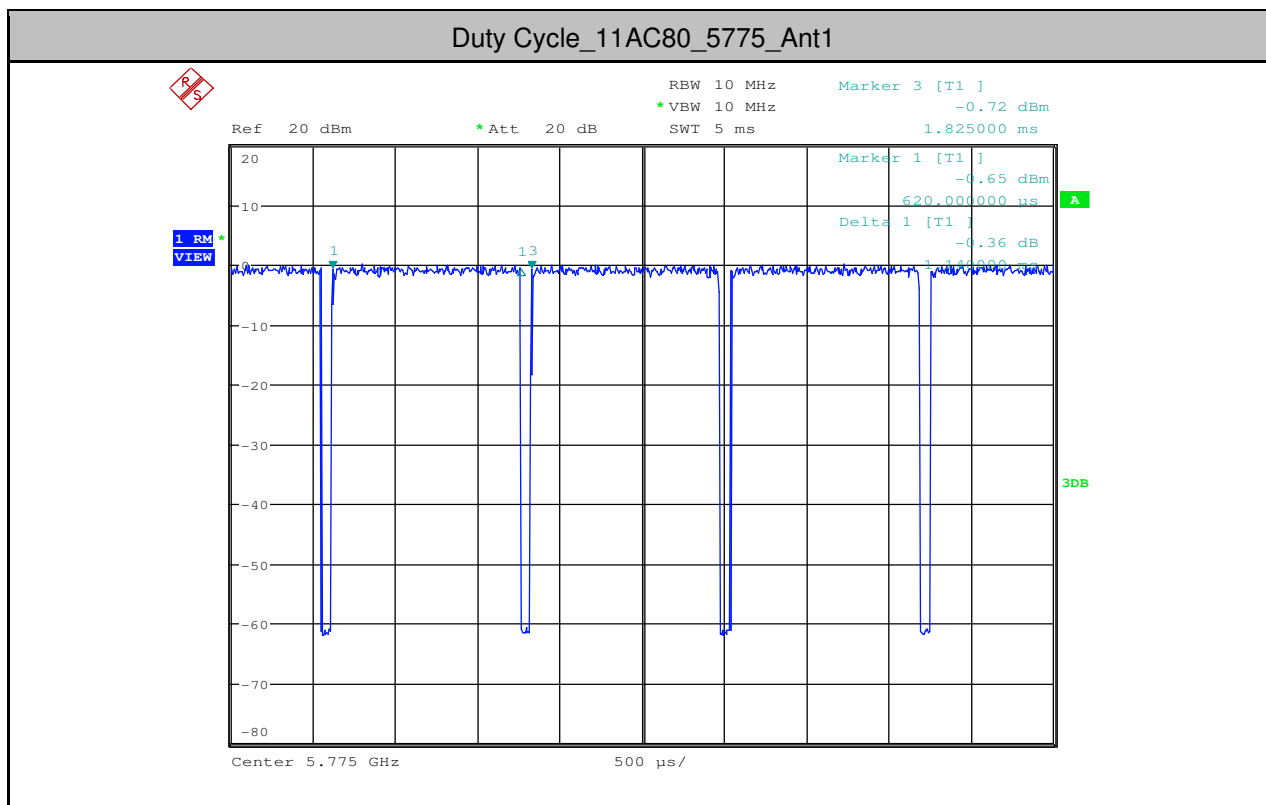


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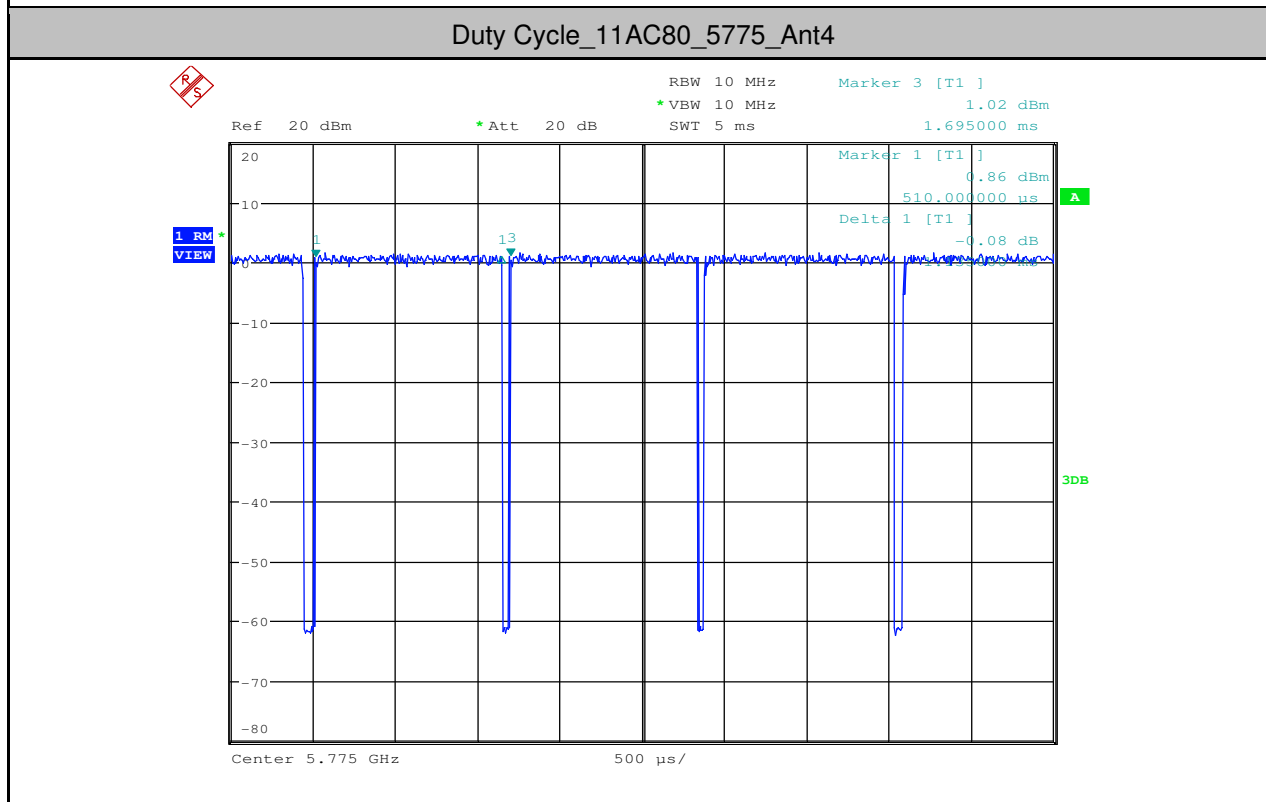
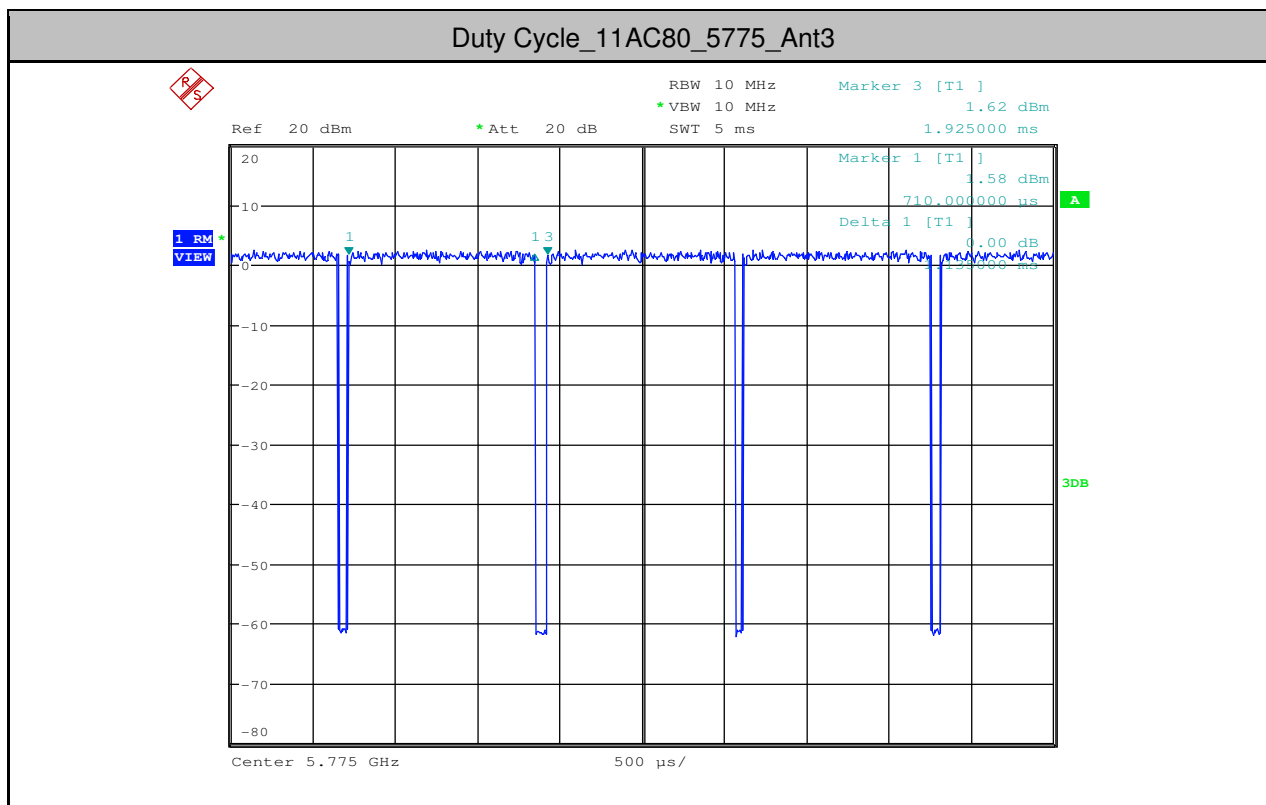
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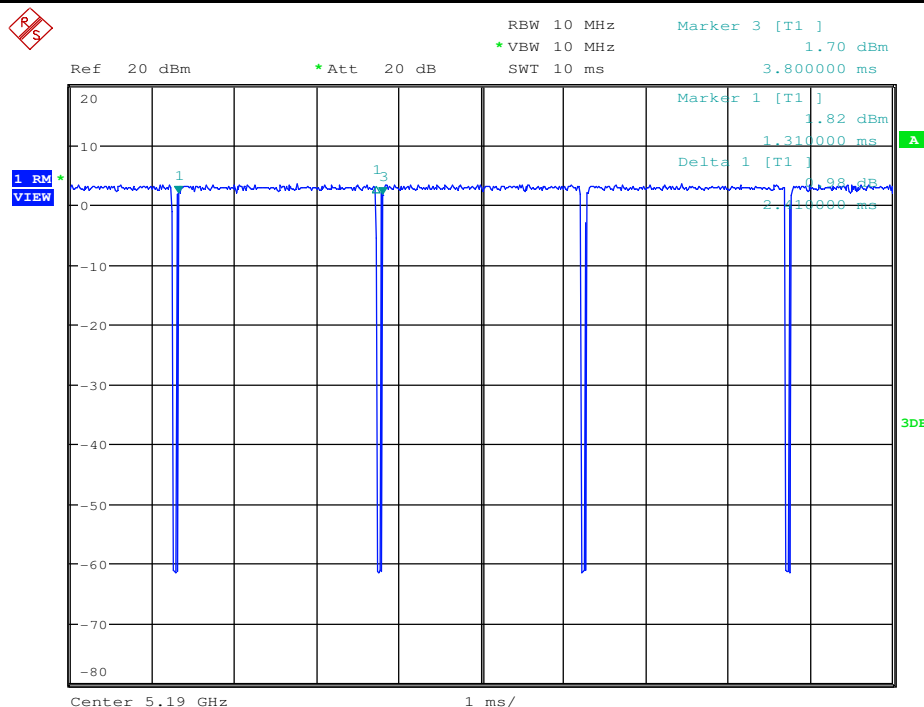
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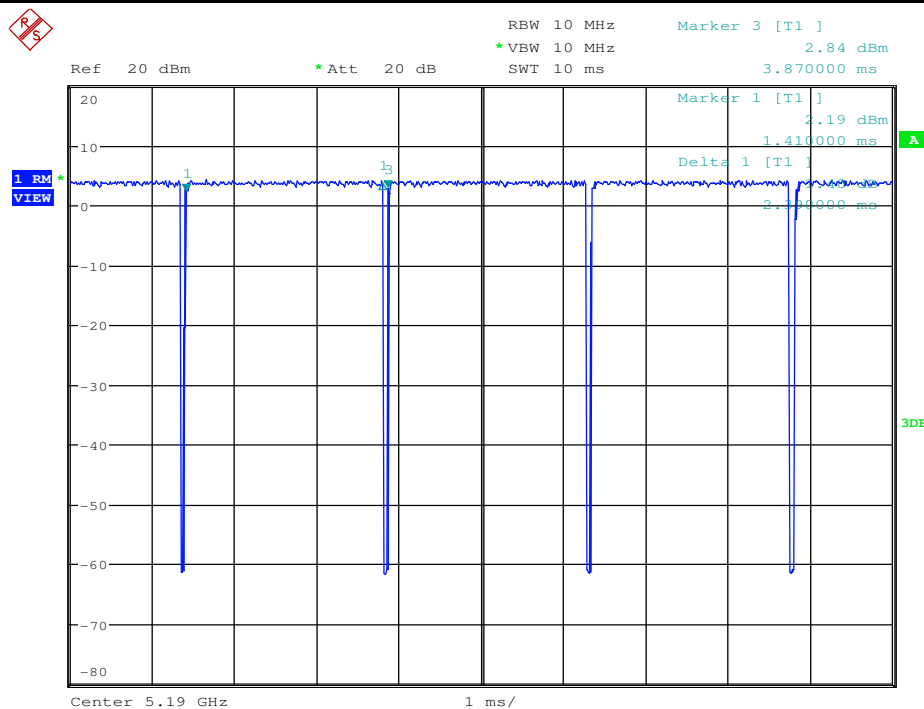
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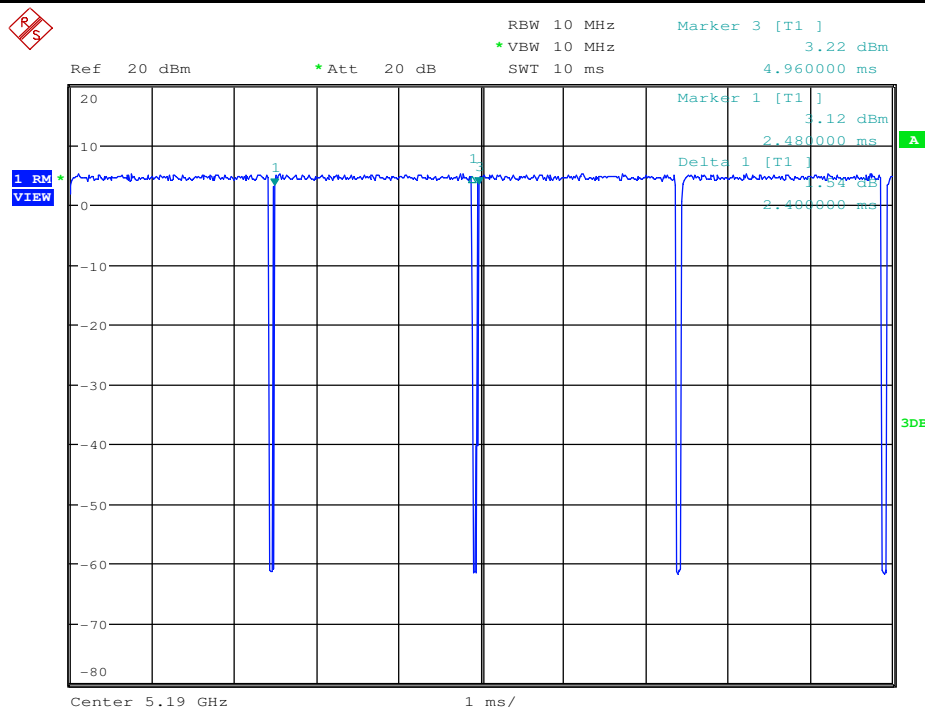
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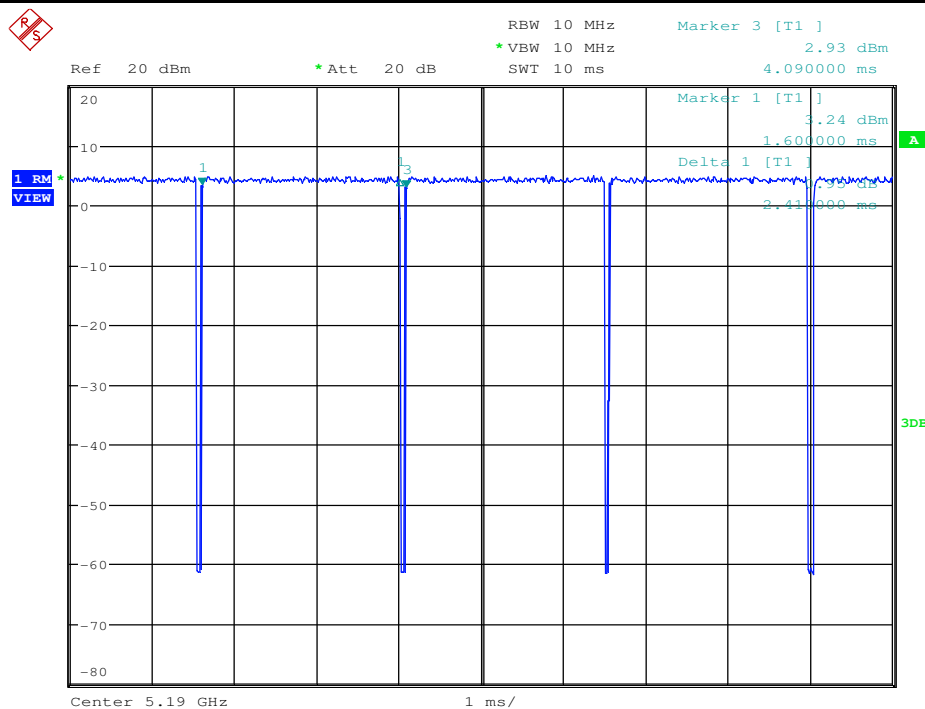
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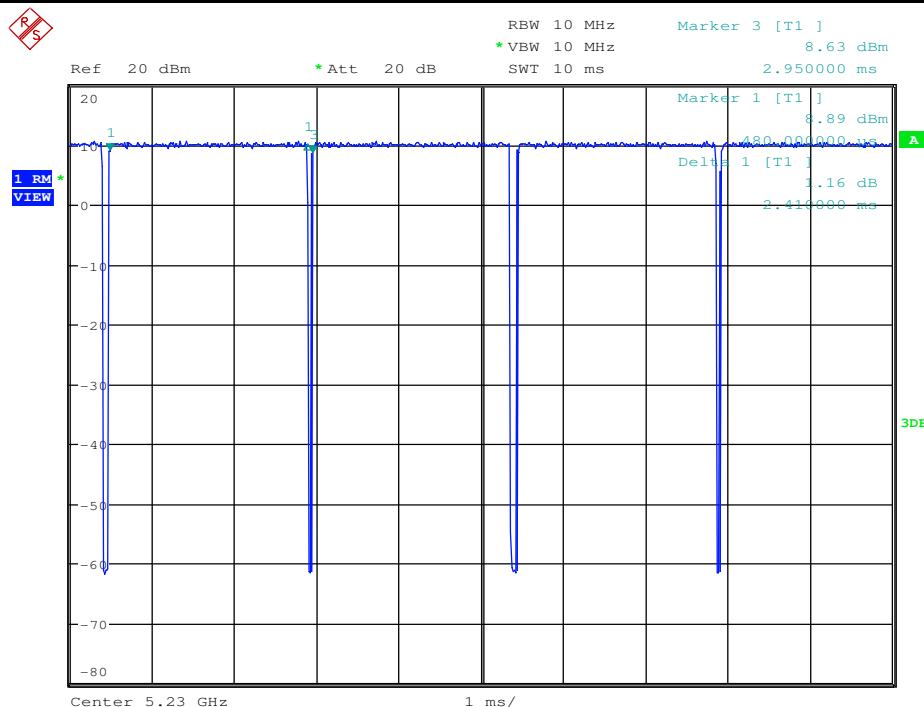
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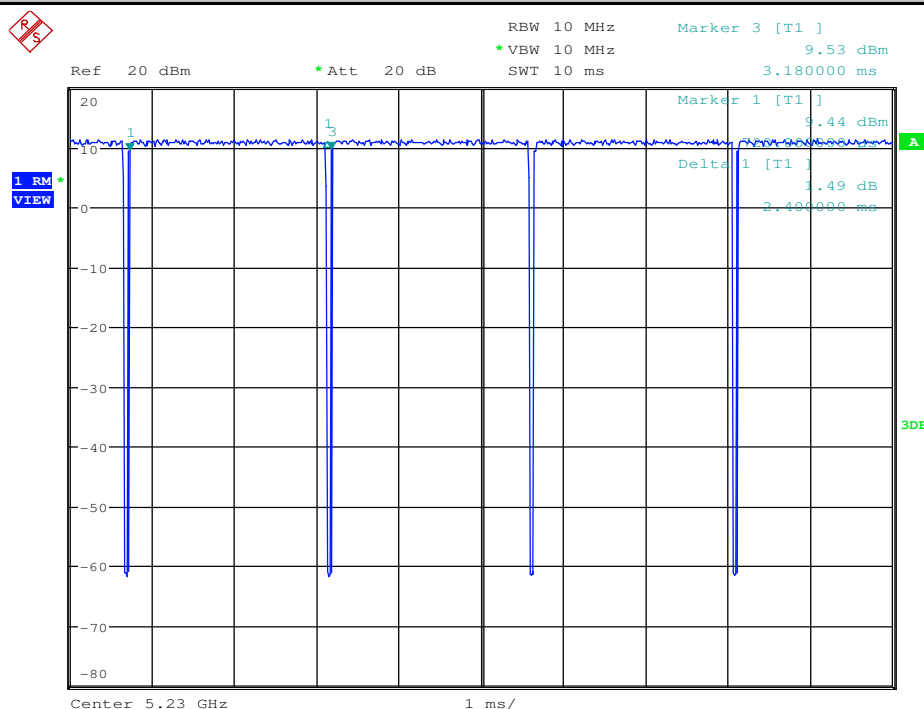
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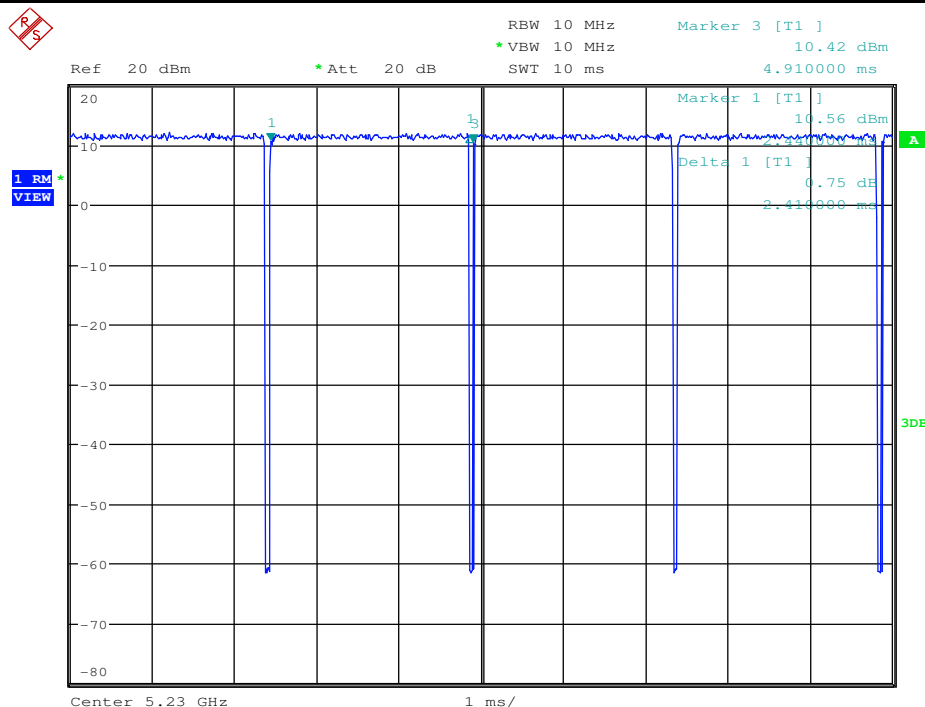
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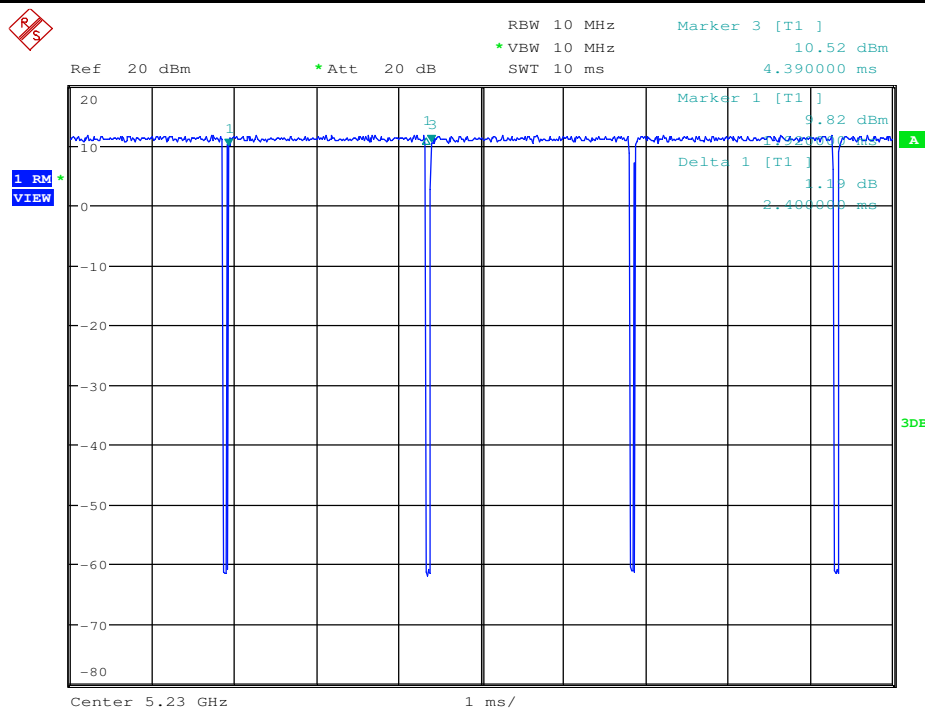
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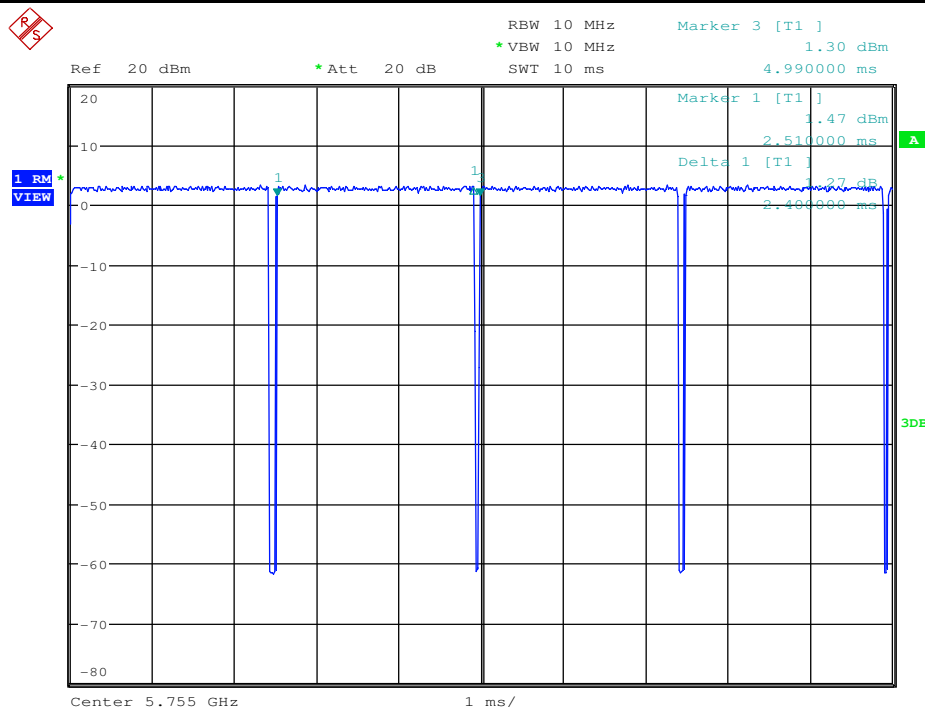
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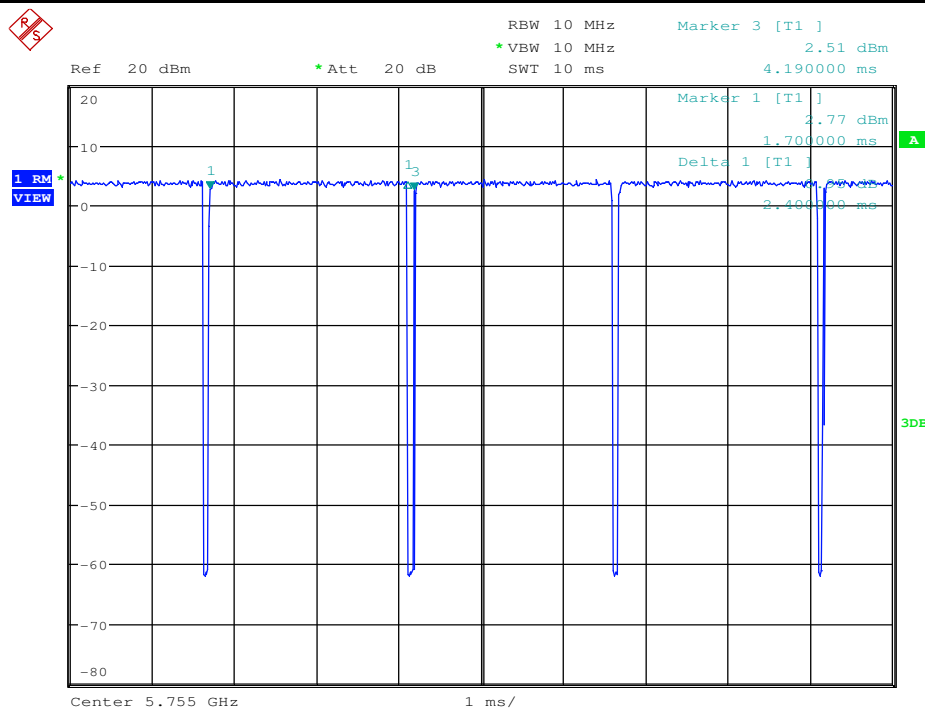
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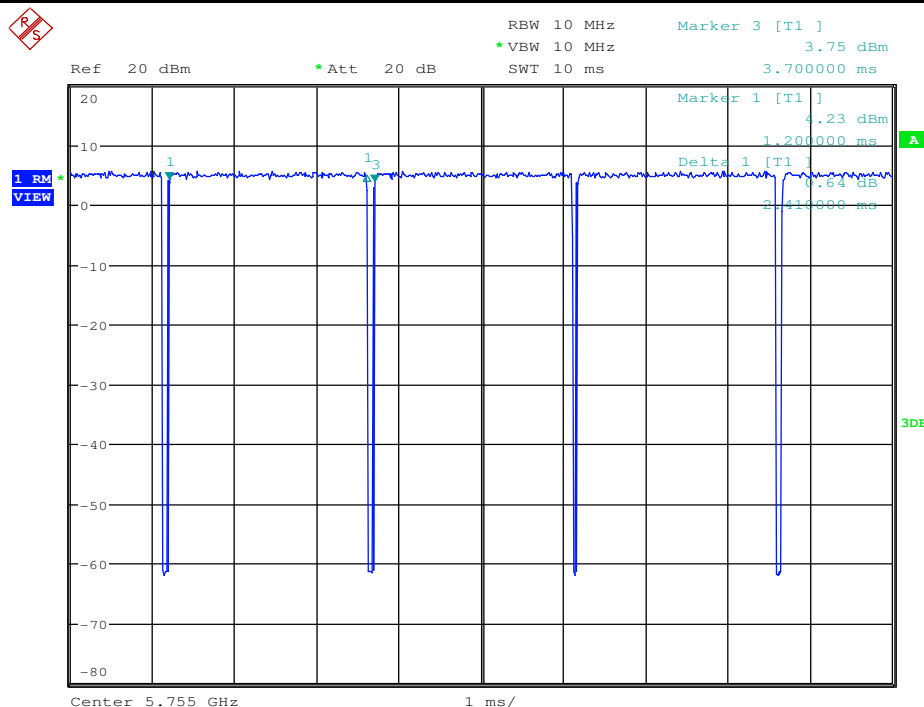
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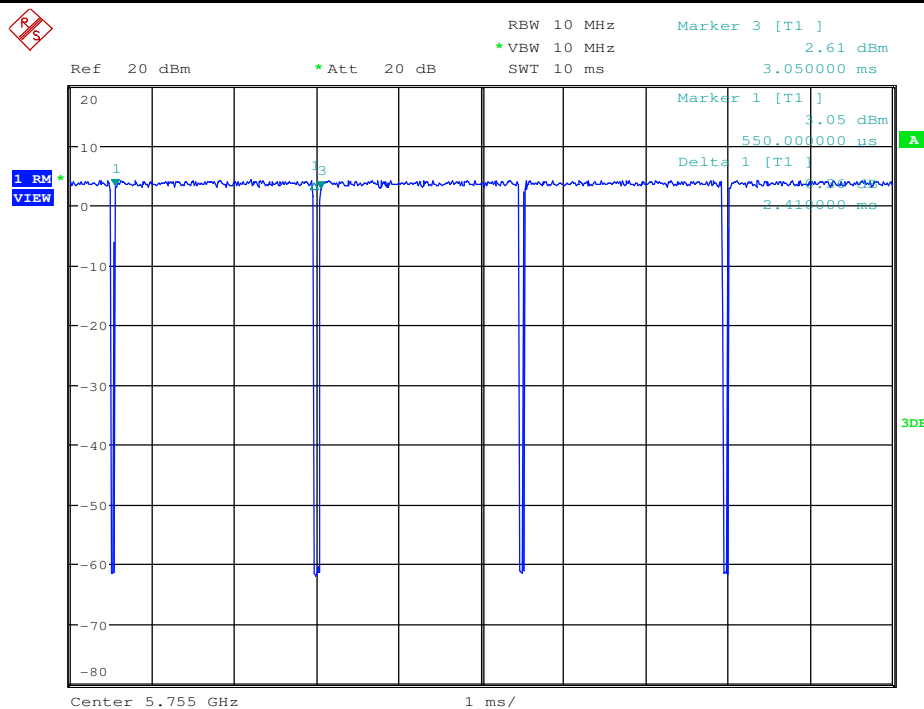
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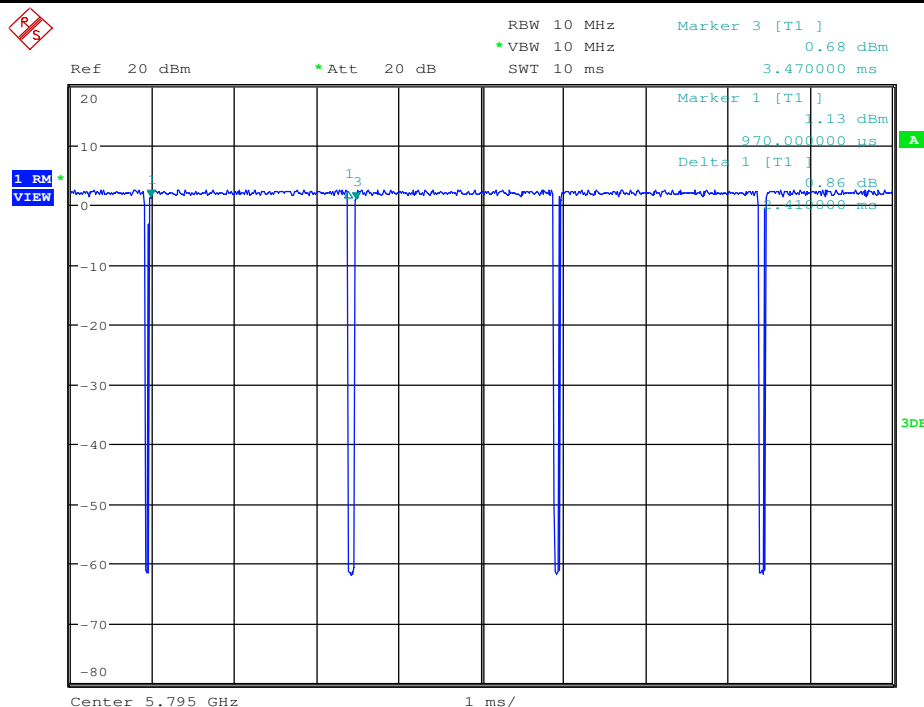


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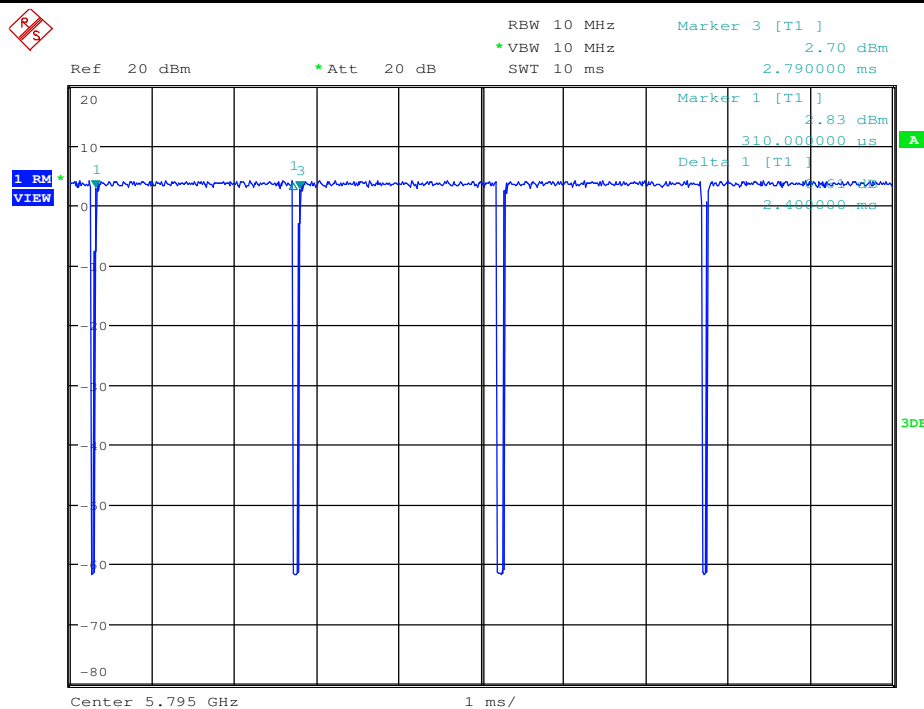
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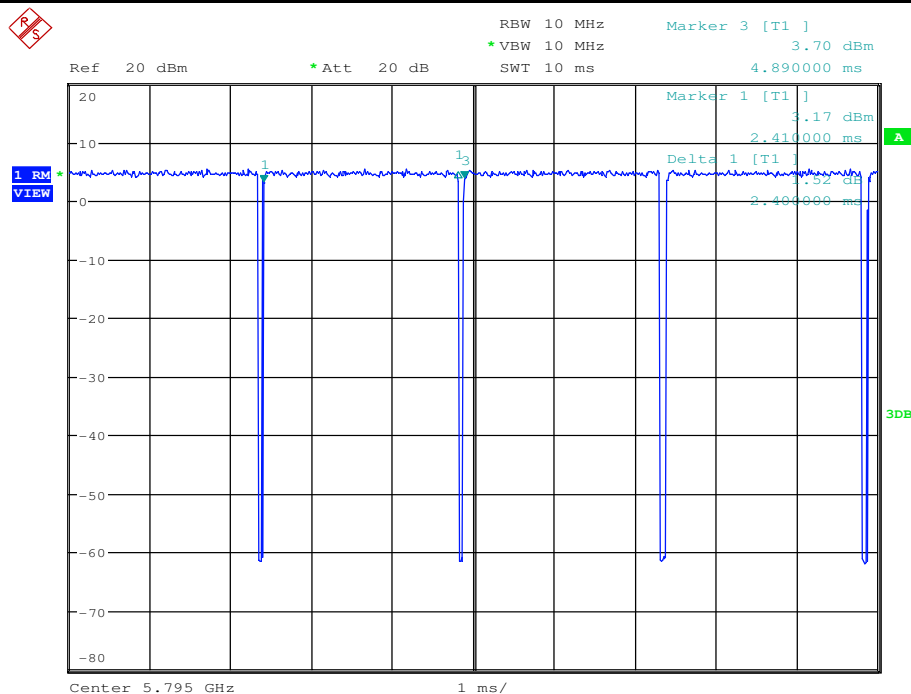
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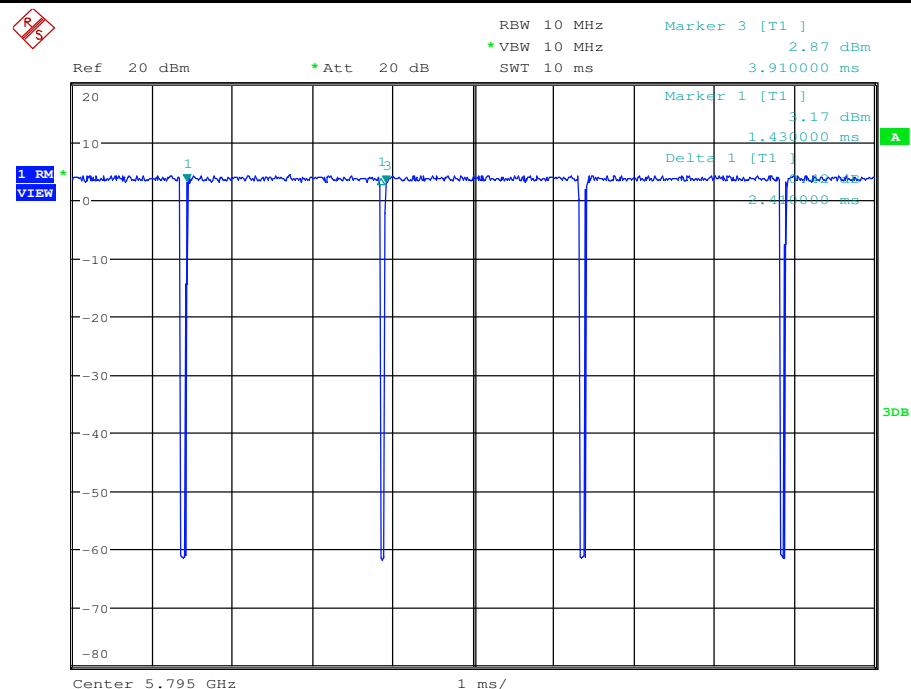
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Duty Cycle_11AC40_5795_Ant3



Duty Cycle_11AC40_5795_Ant4



- End of the Report -