Appendix: 5G WIFI

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Appendix A: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.80	5170.56	5189.36	---	---
	Ant2	5180	18.96	5170.56	5189.52	---	---
	Ant1	5220	18.88	5210.44	5229.32	---	---
	Ant2	5220	18.96	5210.48	5229.44	---	---
	Ant1	5240	18.92	5230.52	5249.44	---	---
	Ant2	5240	19.08	5230.40	5249.48	---	---
	Ant1	5745	19.00	5735.56	5754.56	---	---
	Ant2	5745	20.52	5735.40	5755.92	---	---
	Ant1	5785	18.92	5775.48	5794.40	---	---
	Ant2	5785	19.04	5775.44	5794.48	---	---
	Ant1	5825	18.88	5815.48	5834.36	---	---
	Ant2	5825	19.00	5815.40	5834.40	---	---
11N20SISO	Ant1	5180	19.80	5170.08	5189.88	---	---
	Ant2	5180	19.92	5170.00	5189.92	---	---
	Ant1	5220	19.84	5209.96	5229.80	---	---
	Ant2	5220	19.68	5210.08	5229.76	---	---
	Ant1	5240	19.76	5230.16	5249.92	---	---
	Ant2	5240	19.92	5230.00	5249.92	---	---
	Ant1	5745	19.84	5735.04	5754.88	---	---
	Ant2	5745	21.96	5732.88	5754.84	---	---
	Ant1	5785	19.76	5775.08	5794.84	---	---
	Ant2	5785	19.80	5775.08	5794.88	---	---
	Ant1	5825	19.88	5815.00	5834.88	---	---
	Ant2	5825	19.80	5815.04	5834.84	---	---
11N40SISO	Ant1	5190	41.20	5169.44	5210.64	---	---
	Ant2	5190	41.20	5169.44	5210.64	---	---
	Ant1	5230	41.60	5208.88	5250.48	---	---
	Ant2	5230	41.12	5209.28	5250.40	---	---
	Ant1	5755	40.08	5734.84	5774.92	---	---
	Ant2	5755	40.88	5734.36	5775.24	---	---
	Ant1	5795	40.96	5774.60	5815.56	---	---
	Ant2	5795	41.20	5774.44	5815.64	---	---
11AC20SISO	Ant1	5180	19.72	5170.08	5189.80	---	---
	Ant2	5180	19.84	5169.96	5189.80	---	---

	Ant1	5220	19.84	5210.04	5229.88	---	---
	Ant2	5220	19.68	5210.08	5229.76	---	---
	Ant1	5240	19.80	5230.08	5249.88	---	---
	Ant2	5240	19.88	5230.00	5249.88	---	---
	Ant1	5745	19.72	5735.12	5754.84	---	---
	Ant2	5745	19.76	5735.12	5754.88	---	---
	Ant1	5785	19.84	5775.08	5794.92	---	---
	Ant2	5785	19.80	5775.08	5794.88	---	---
	Ant1	5825	19.80	5815.08	5834.88	---	---
	Ant2	5825	19.92	5814.96	5834.88	---	---
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	Ant2	5190	41.04	5169.28	5210.32	---	---
	Ant1	5230	41.44	5209.28	5250.72	---	---
	Ant2	5230	41.20	5209.20	5250.40	---	---
	Ant1	5755	40.80	5734.68	5775.48	---	---
	Ant2	5755	41.12	5734.36	5775.48	---	---
	Ant1	5795	41.52	5774.20	5815.72	---	---
	Ant2	5795	41.12	5774.36	5815.48	---	---
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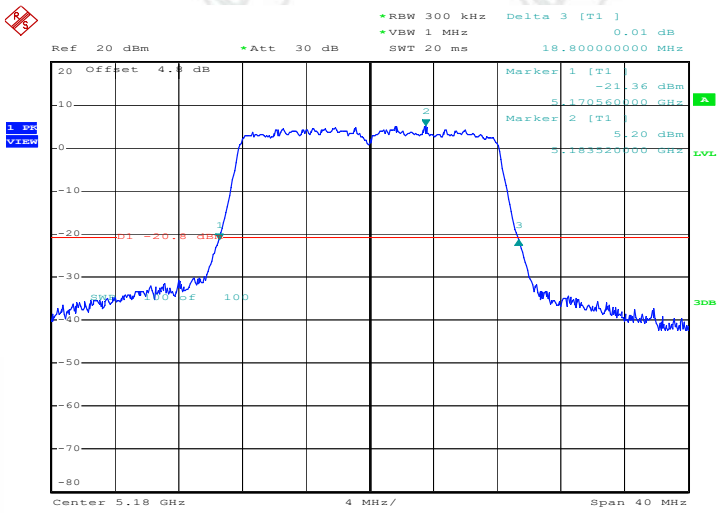
	Ant2	5210	81.60	5169.36	5250.96	---	---
	Ant1	5775	82.24	5733.72	5815.96	---	---
	Ant2	5775	82.56	5733.72	5816.28	---	---

Test Graphs



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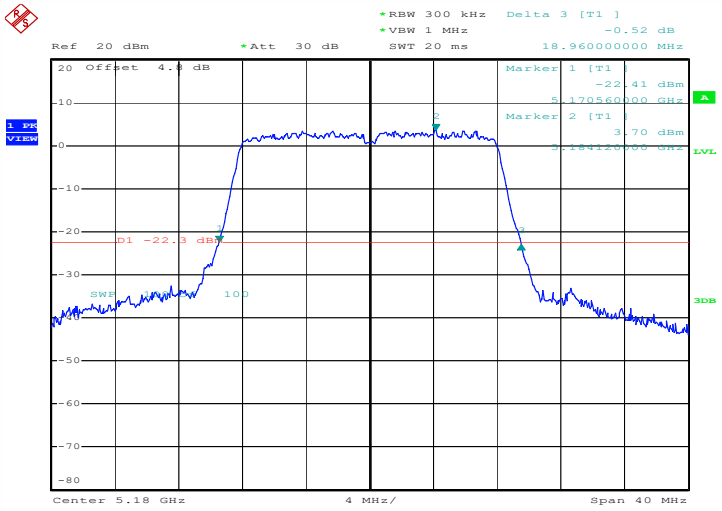

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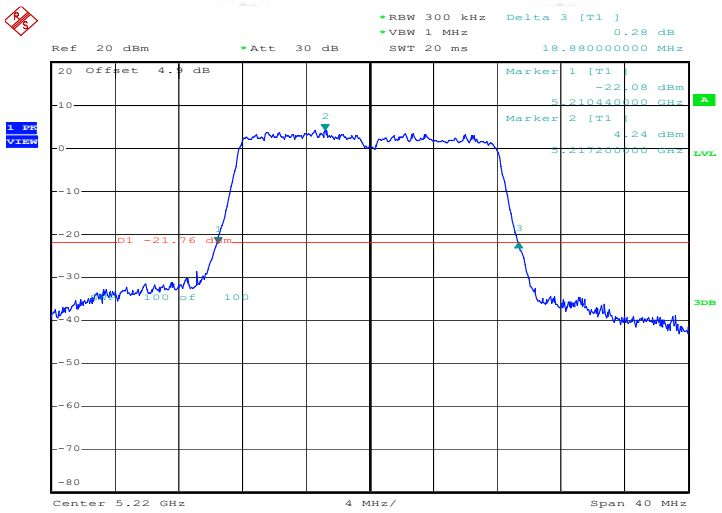

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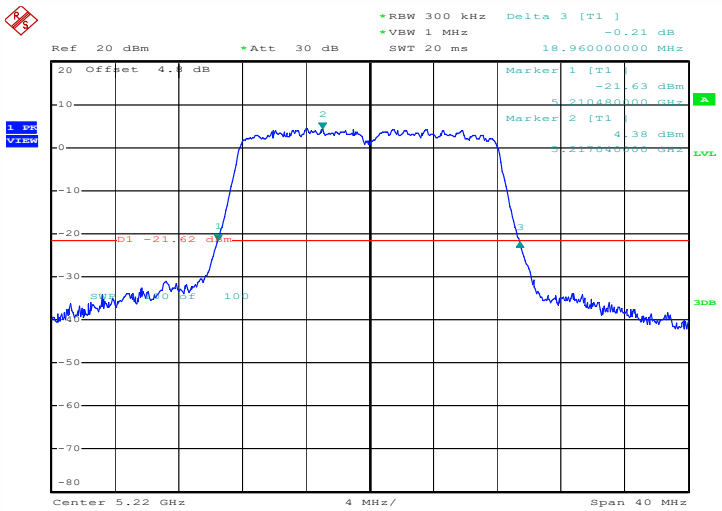

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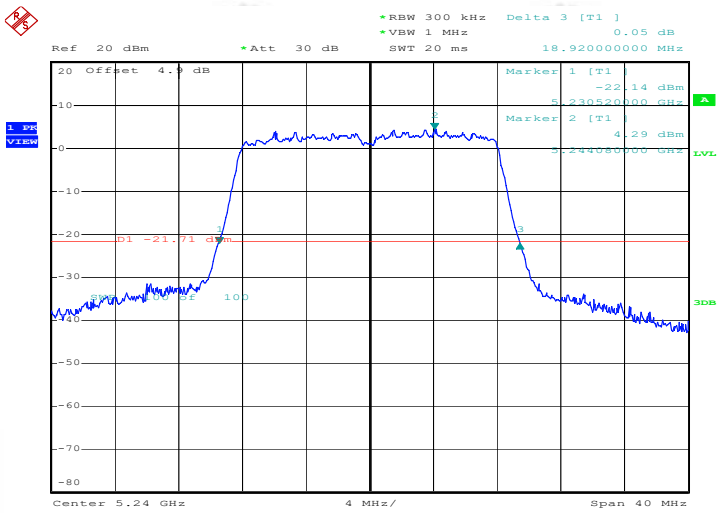

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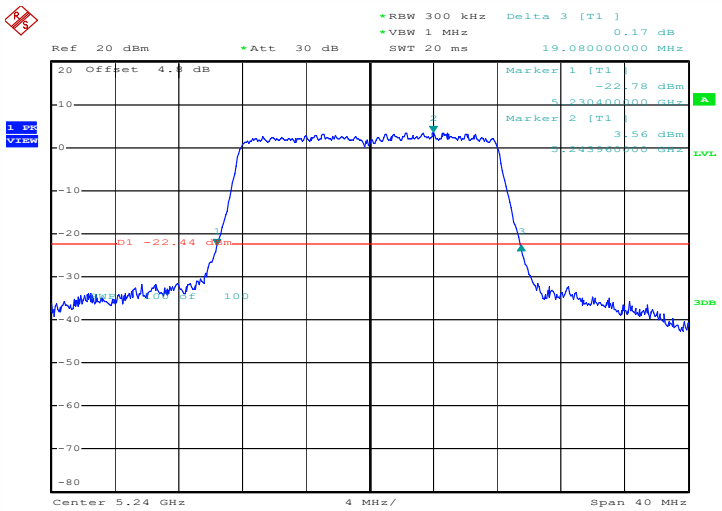

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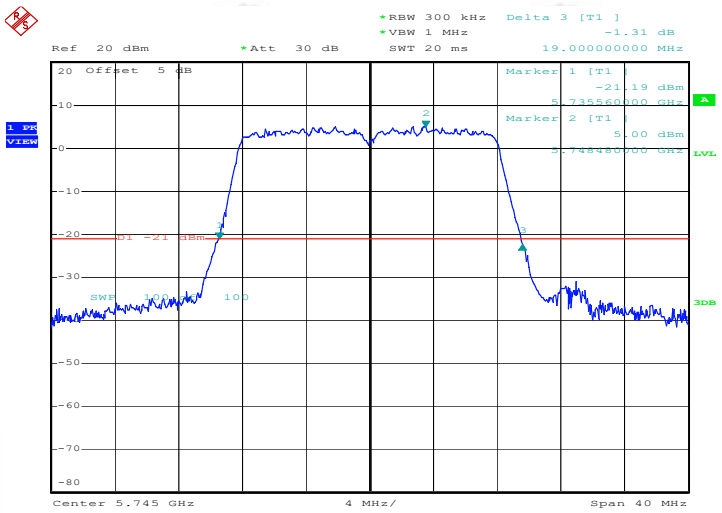

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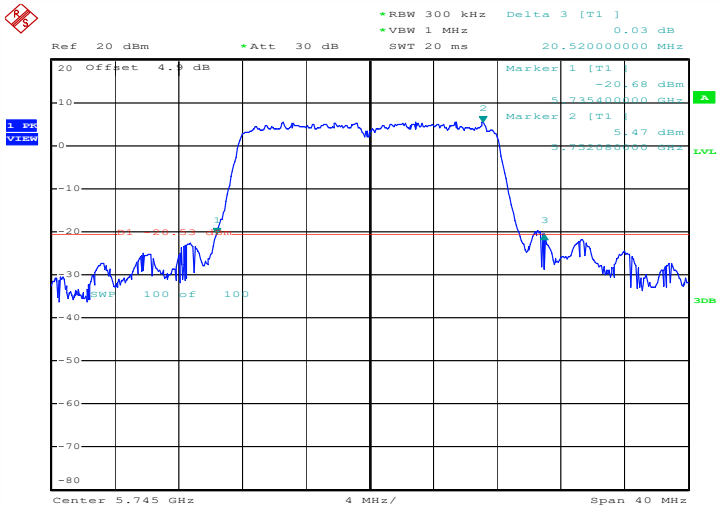

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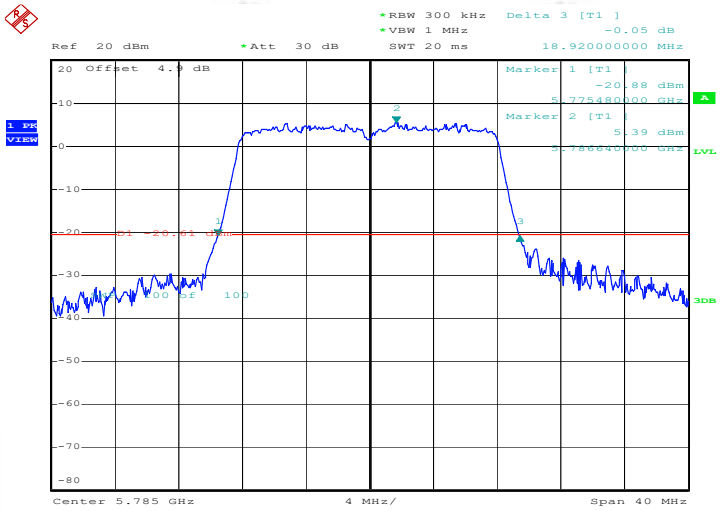

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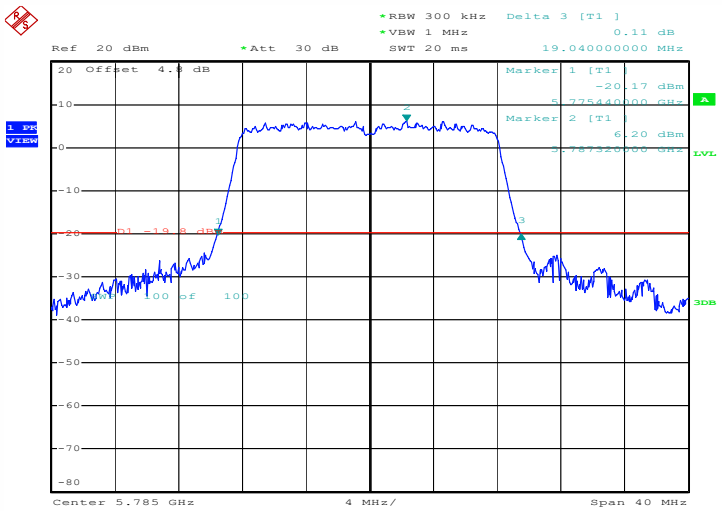

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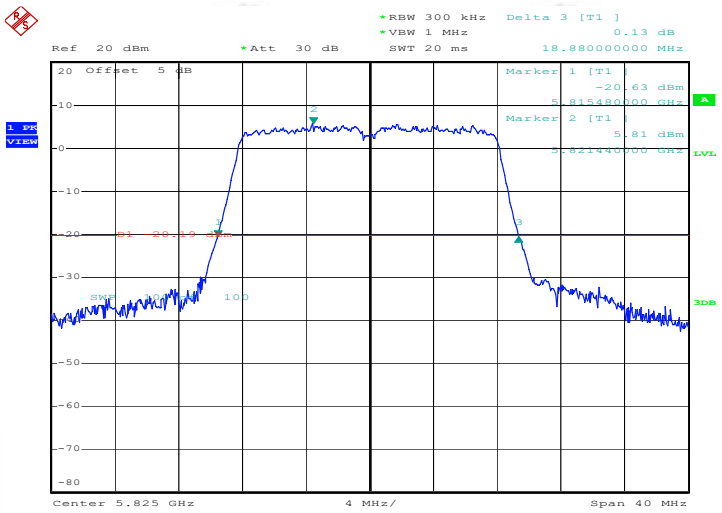

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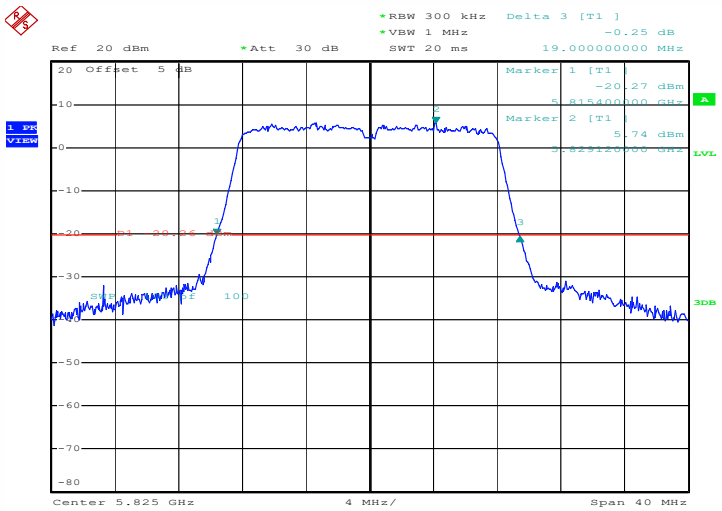

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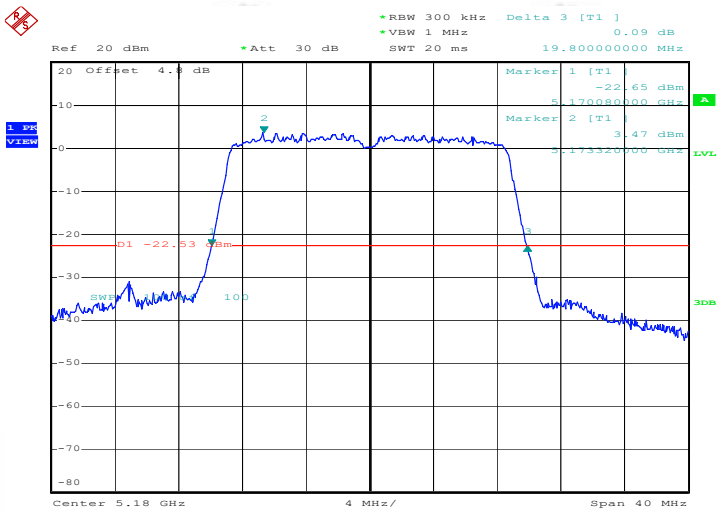

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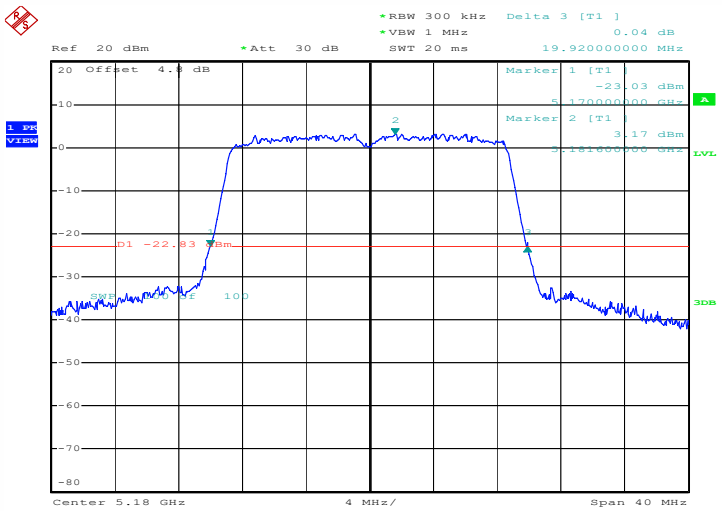

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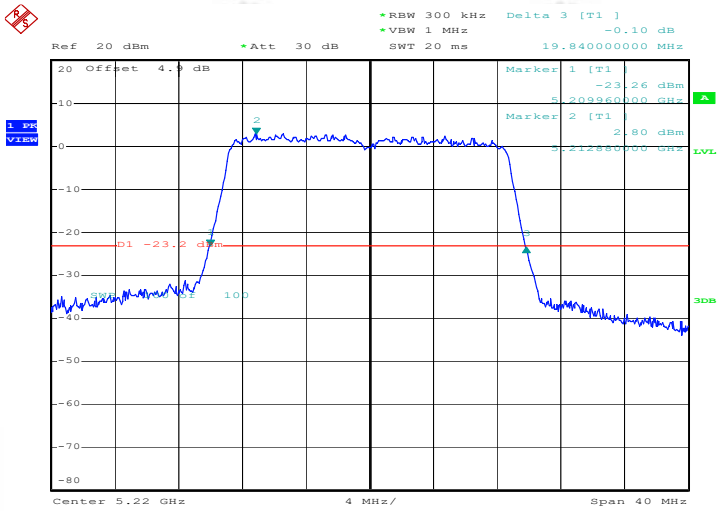

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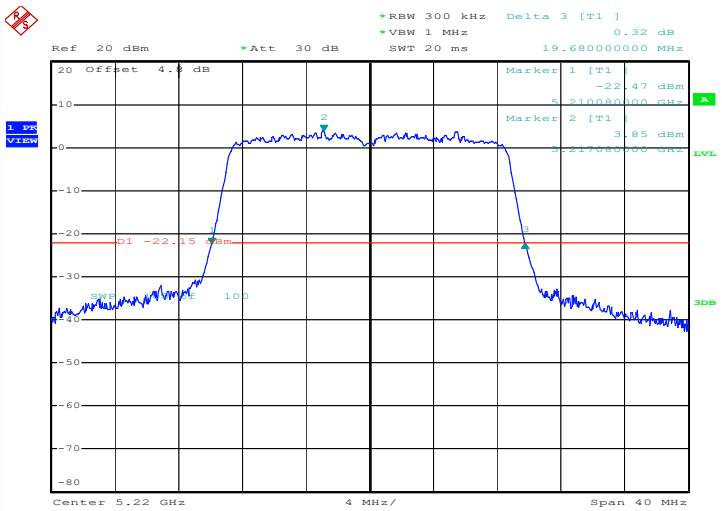

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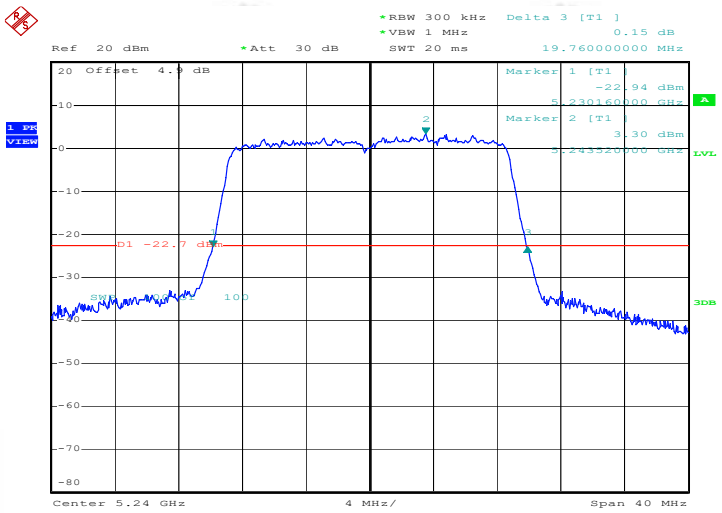

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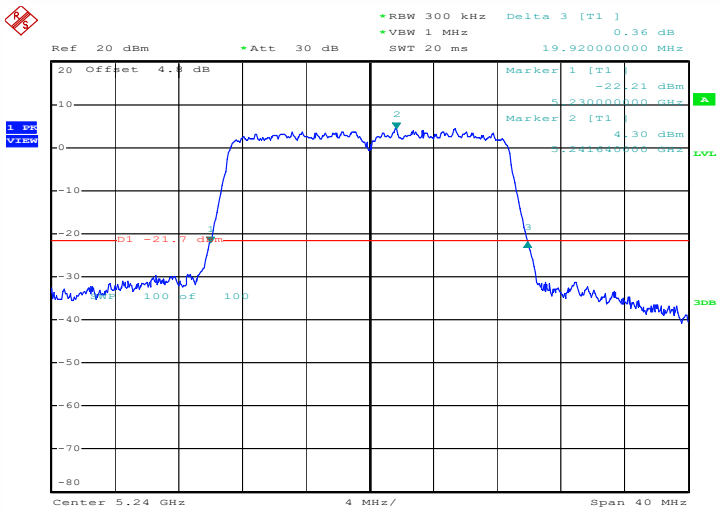

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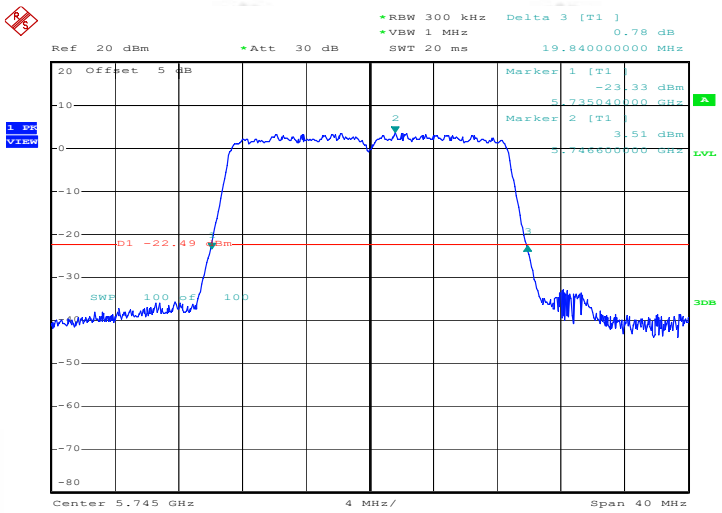

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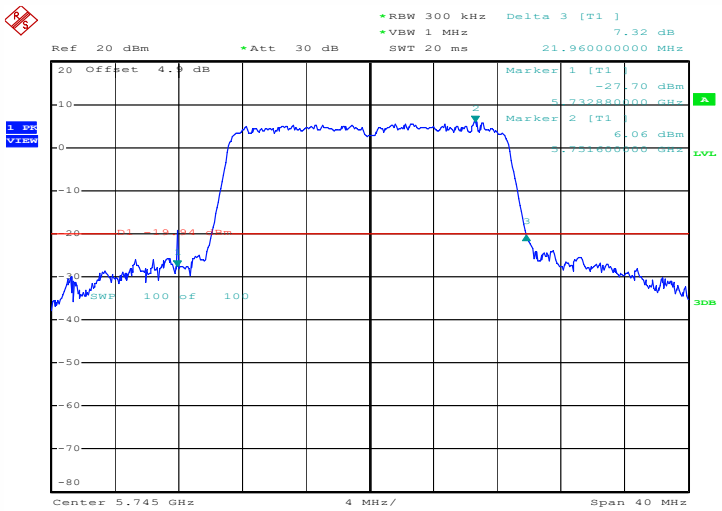

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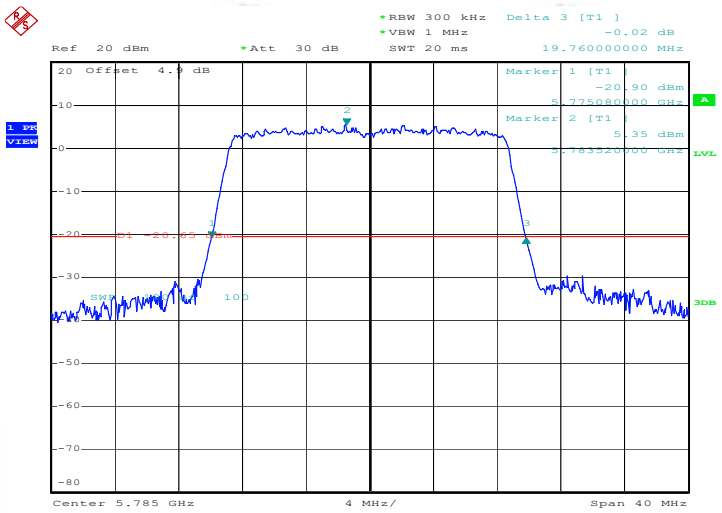

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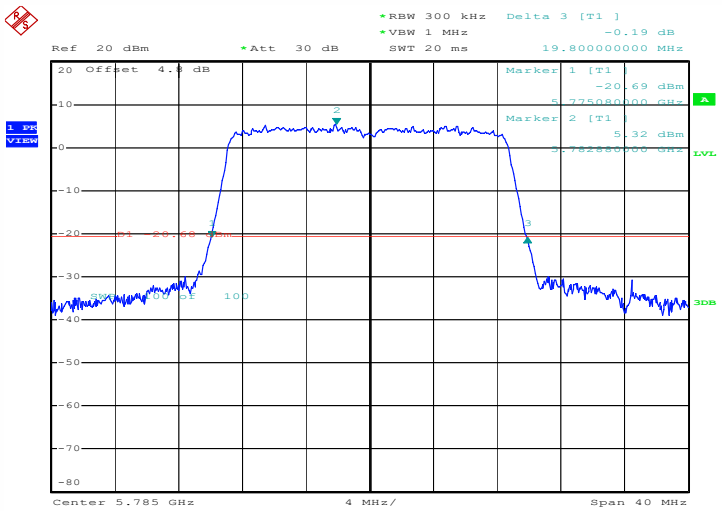

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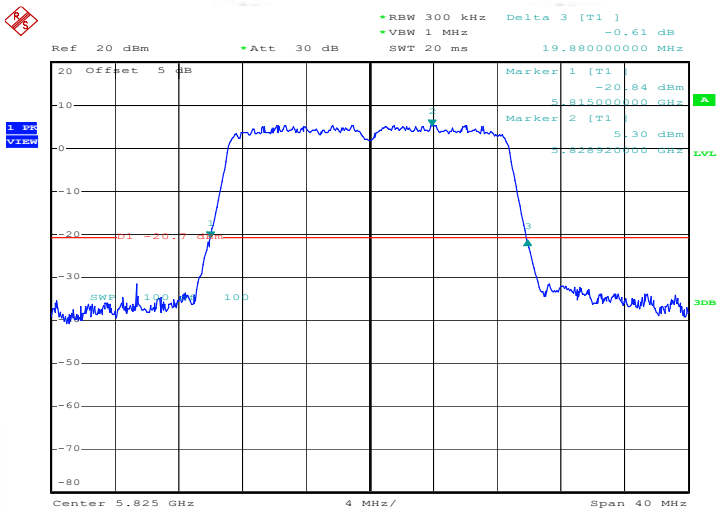

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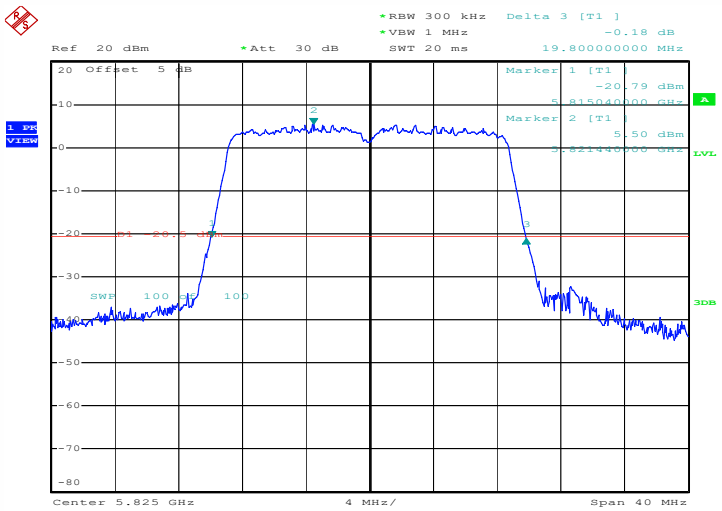

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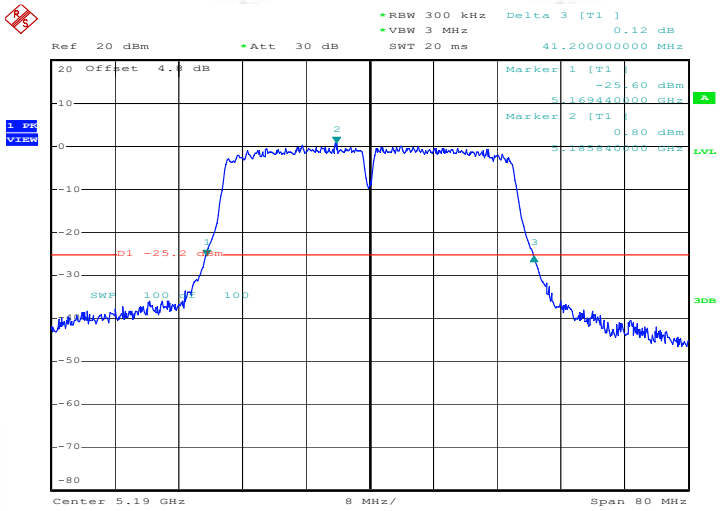

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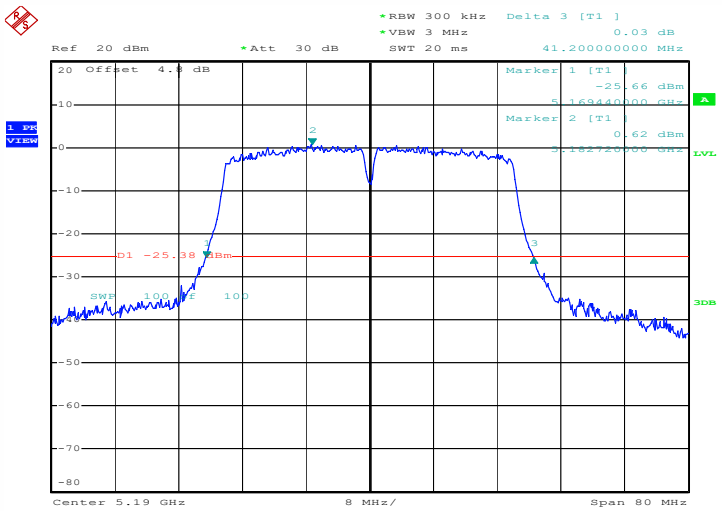

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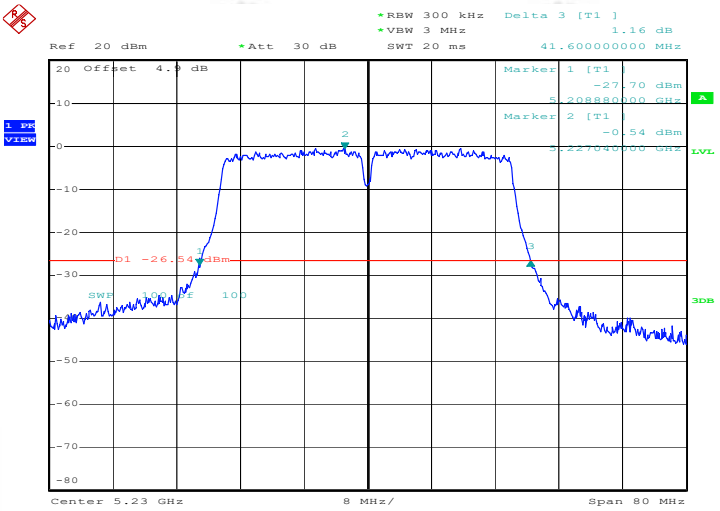

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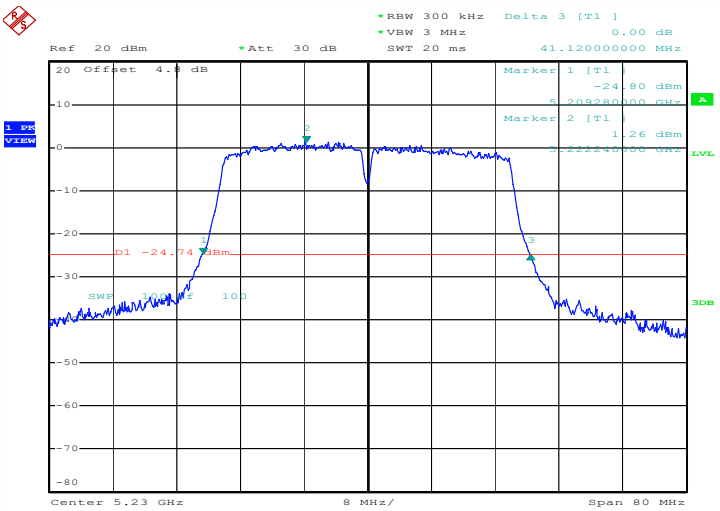

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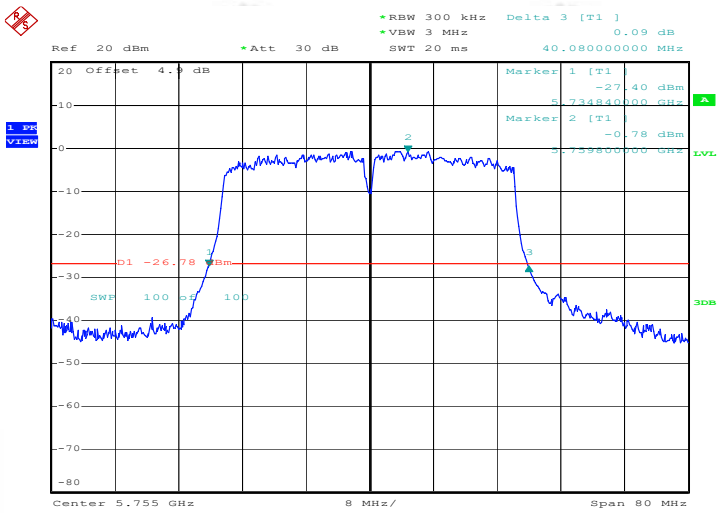

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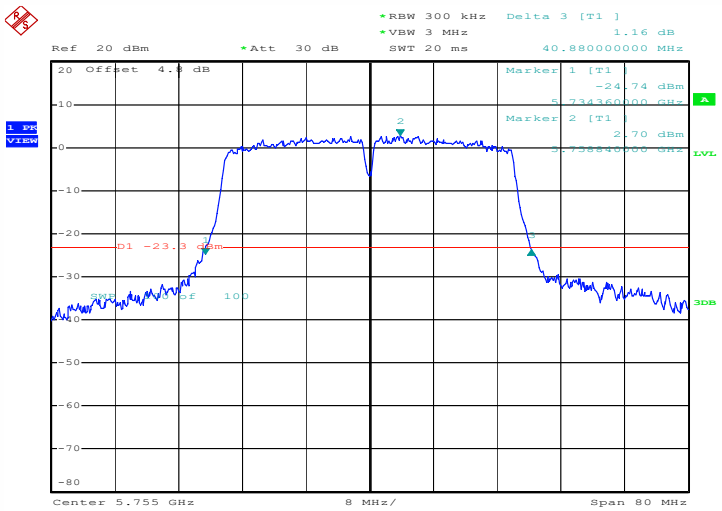

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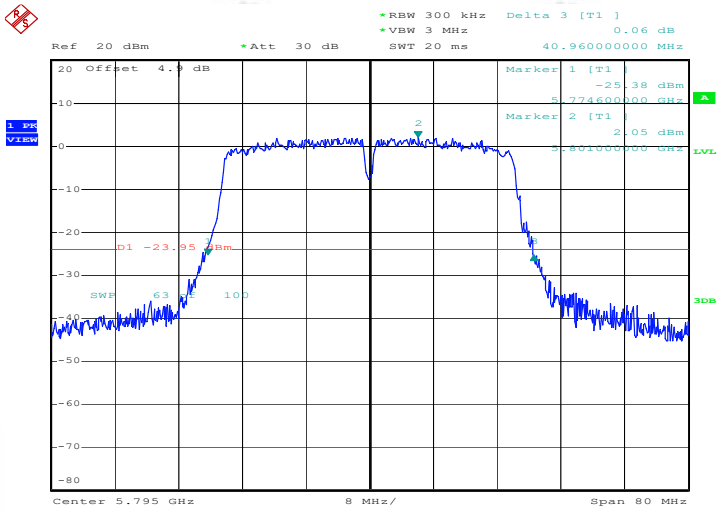

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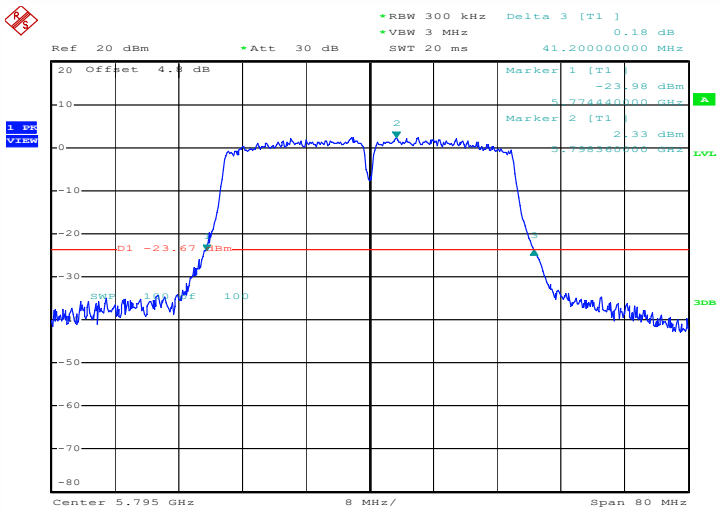

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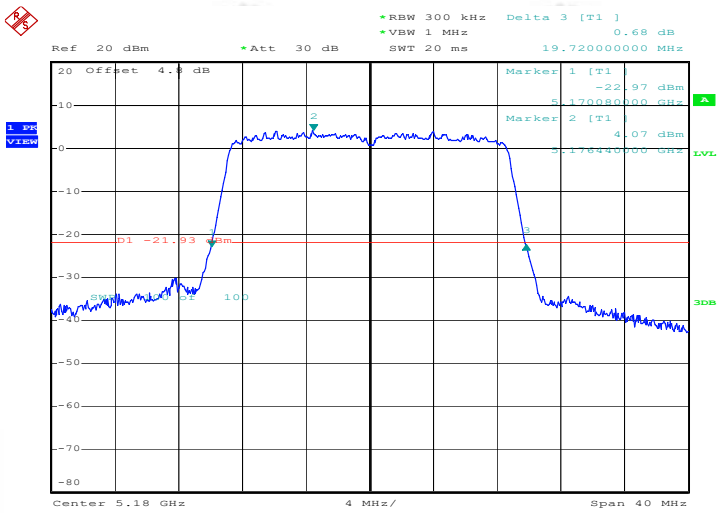

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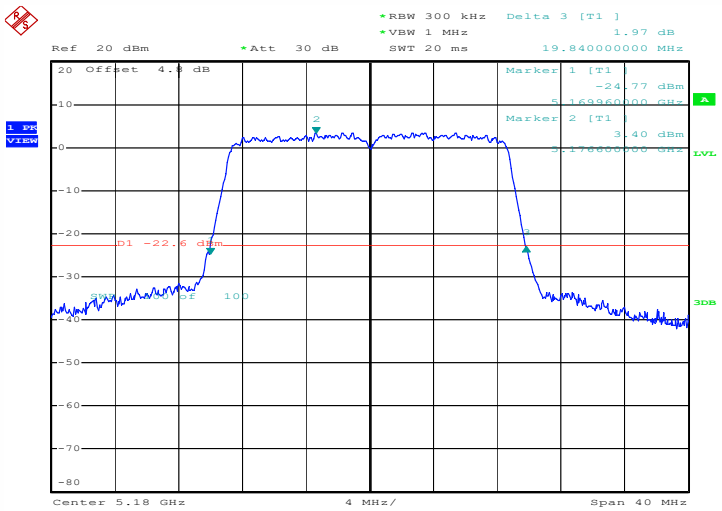

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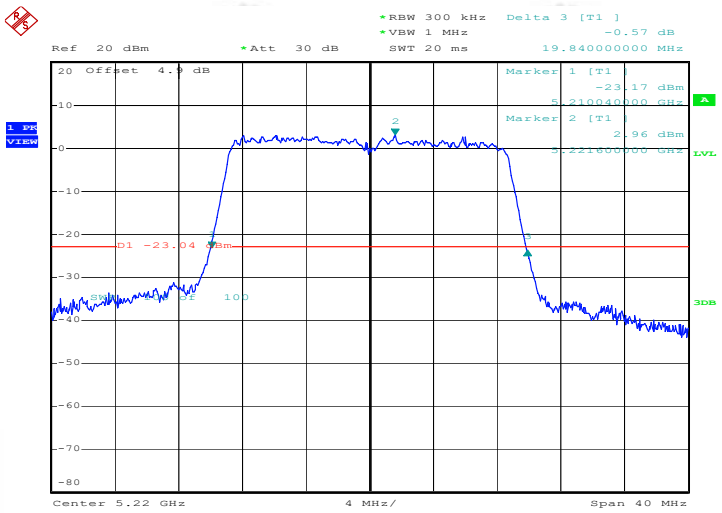

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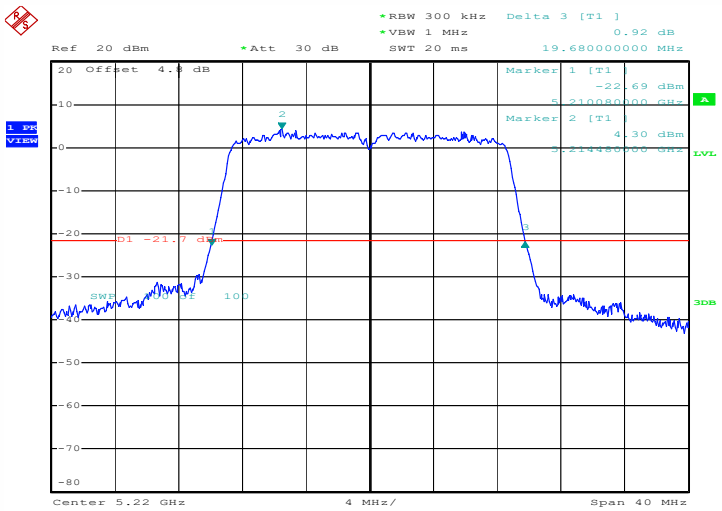

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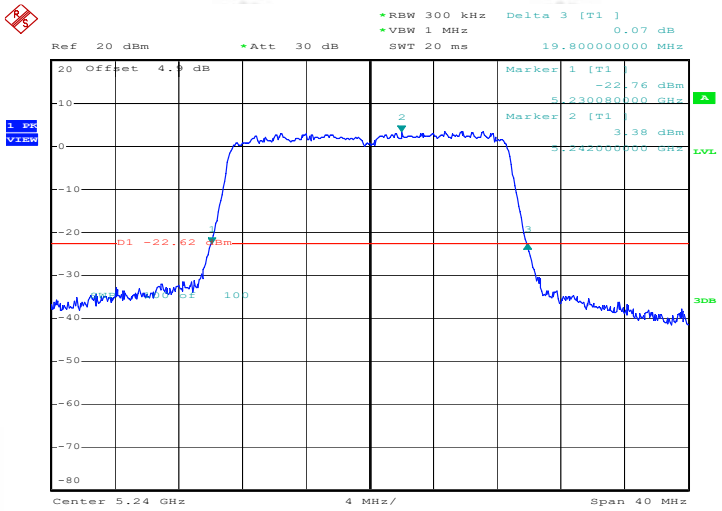

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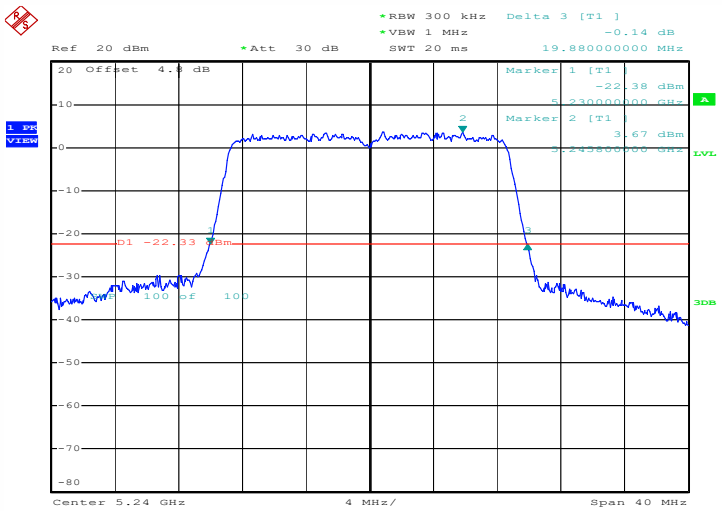

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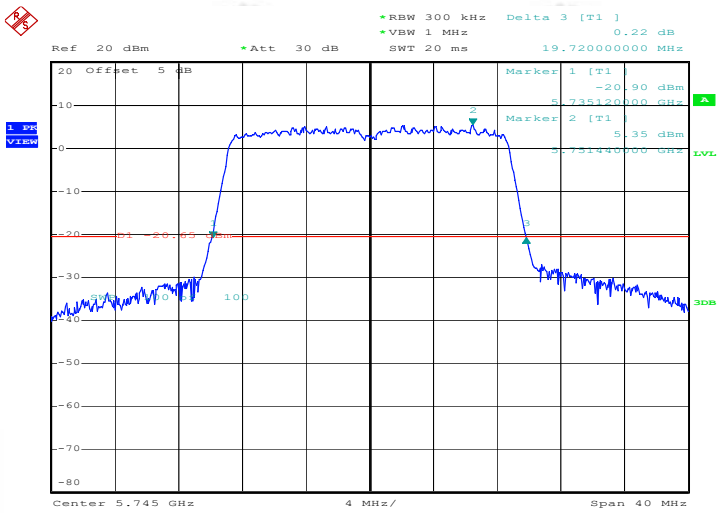

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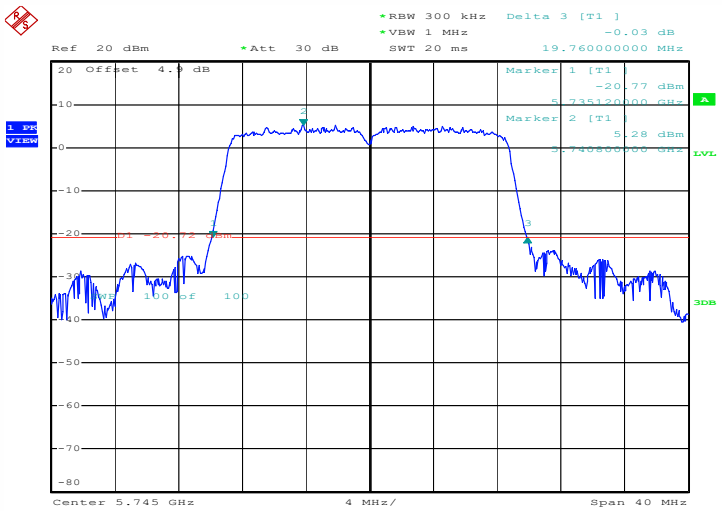

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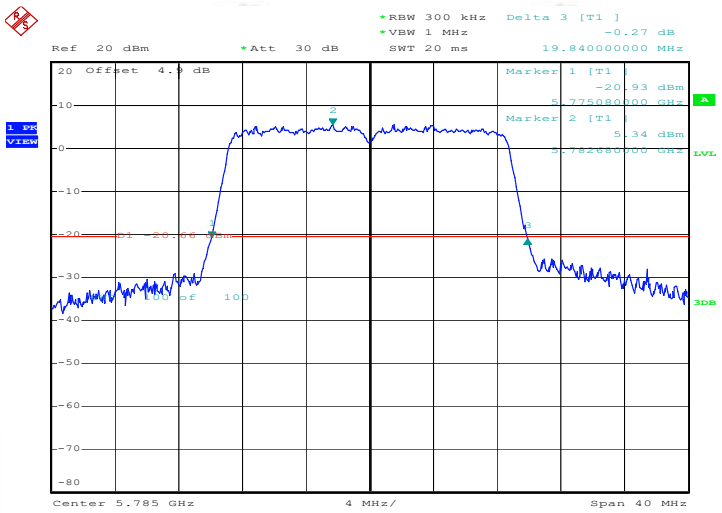

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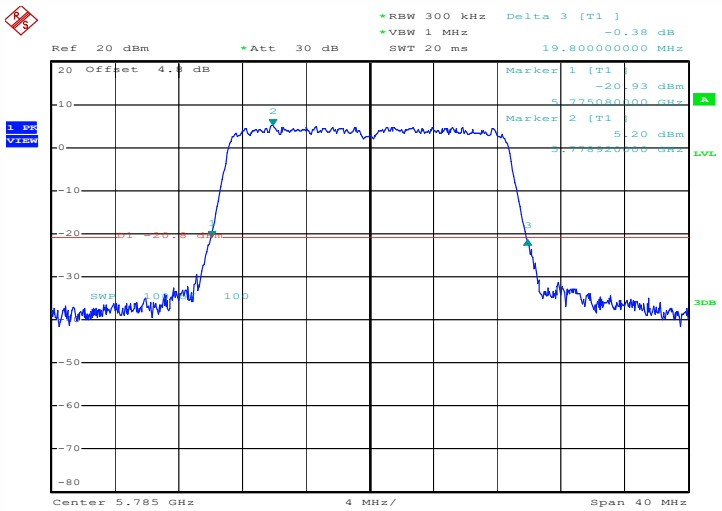

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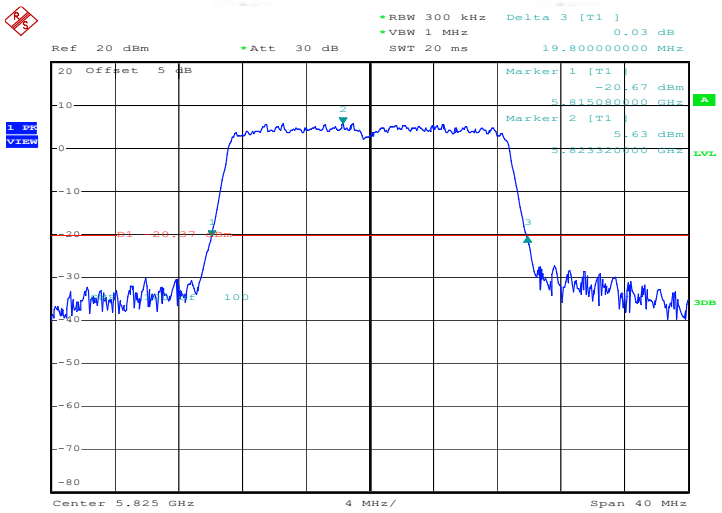

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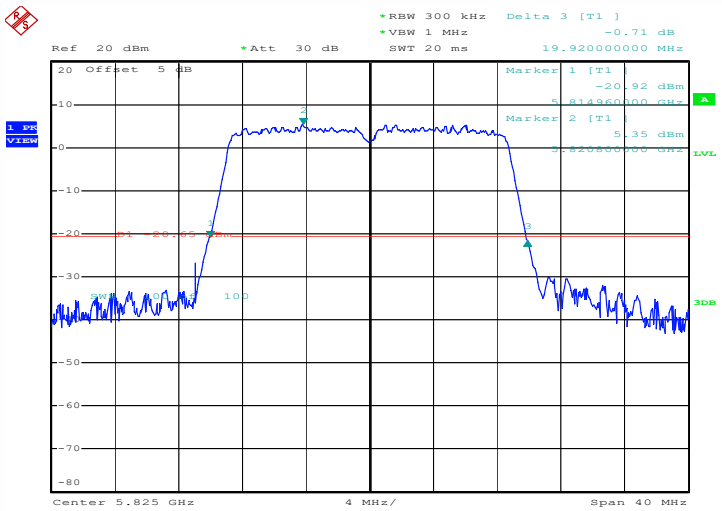

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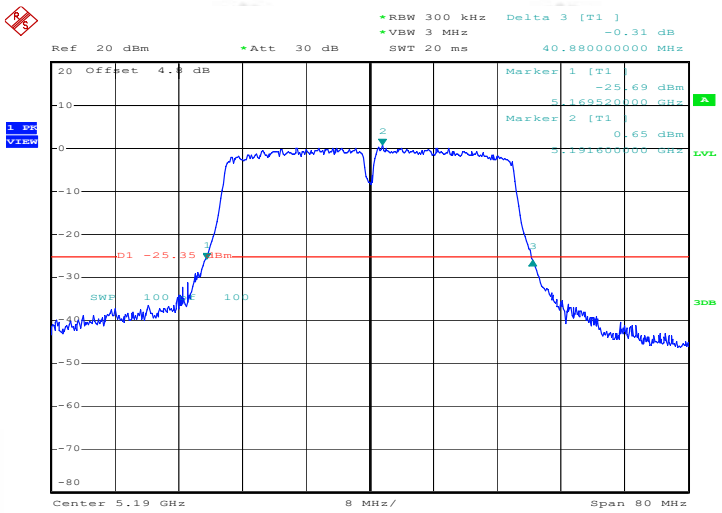

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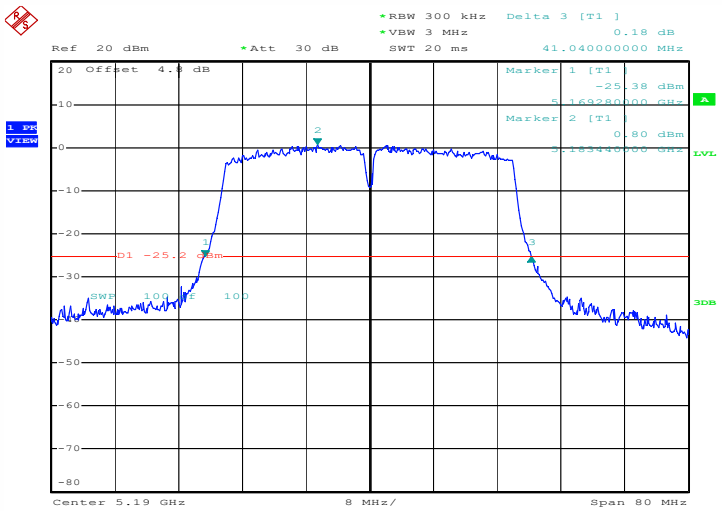

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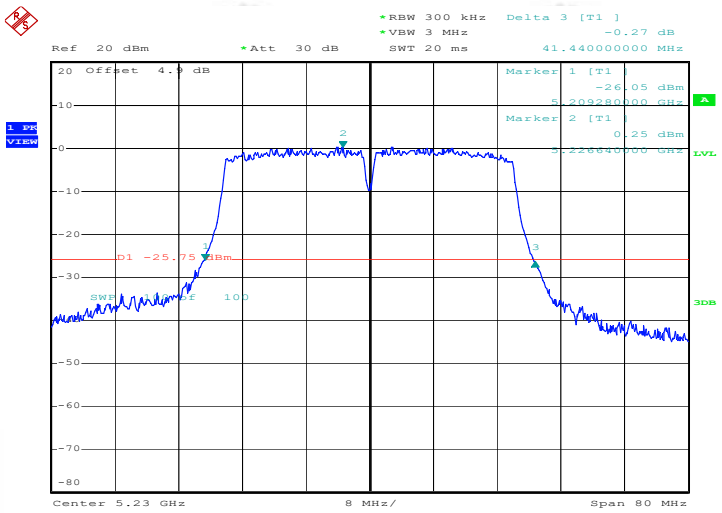

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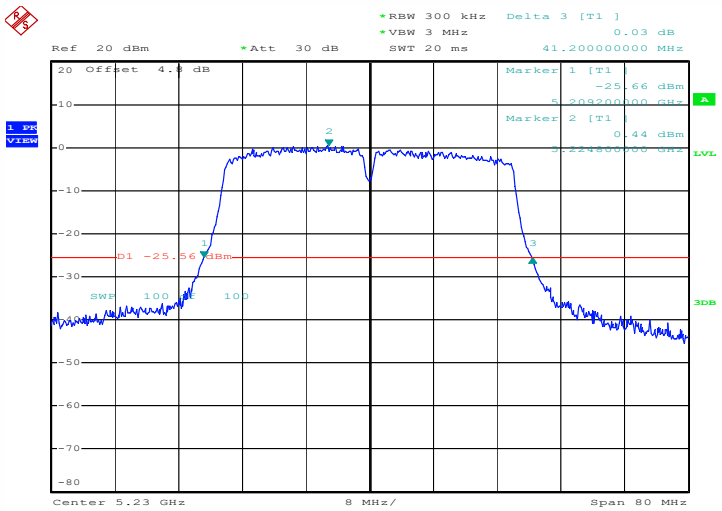

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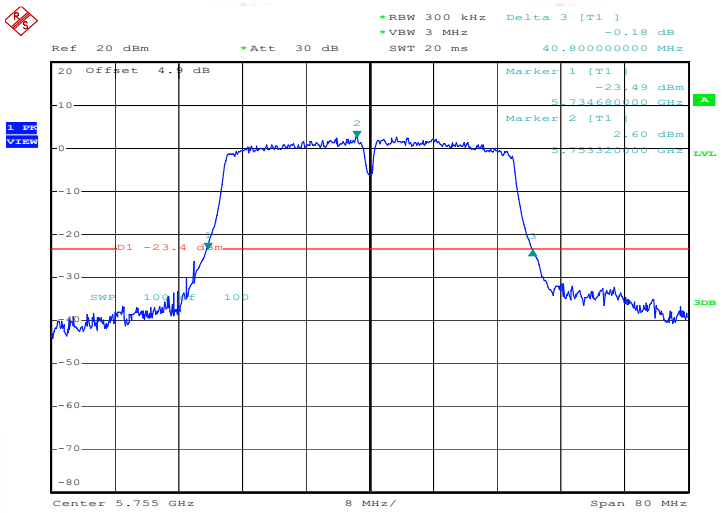

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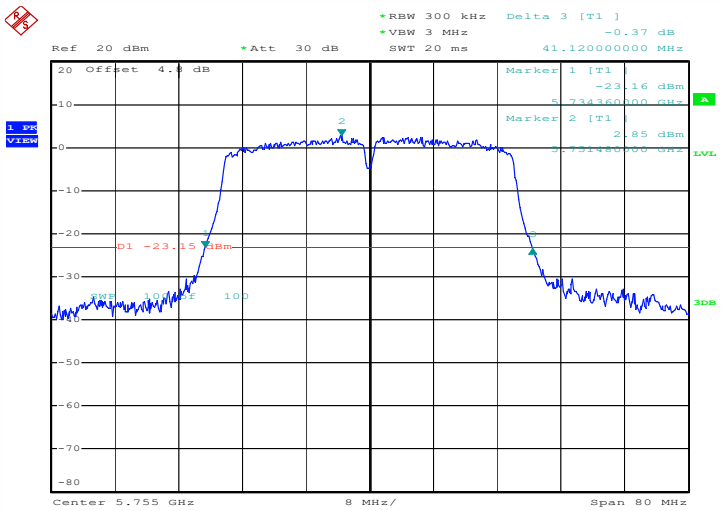

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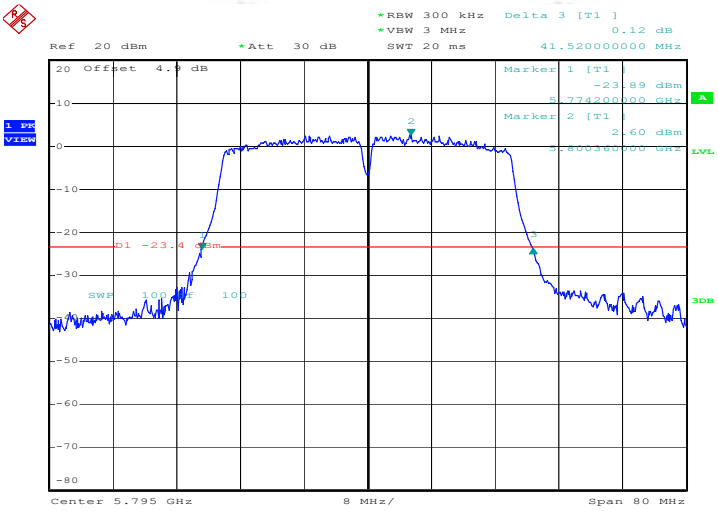

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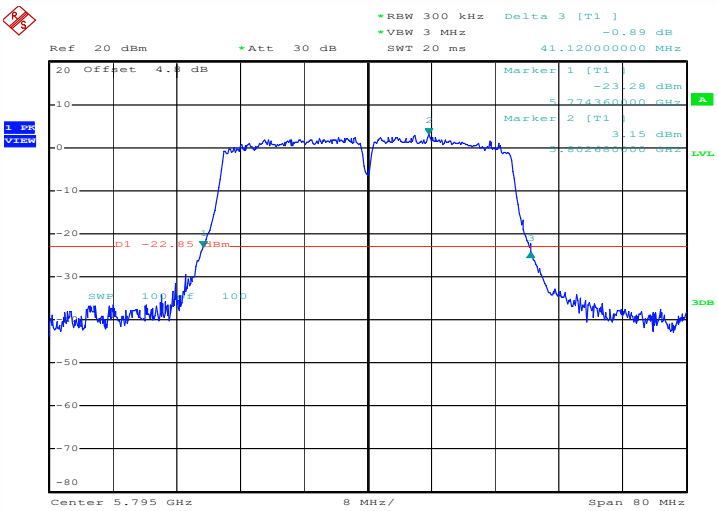

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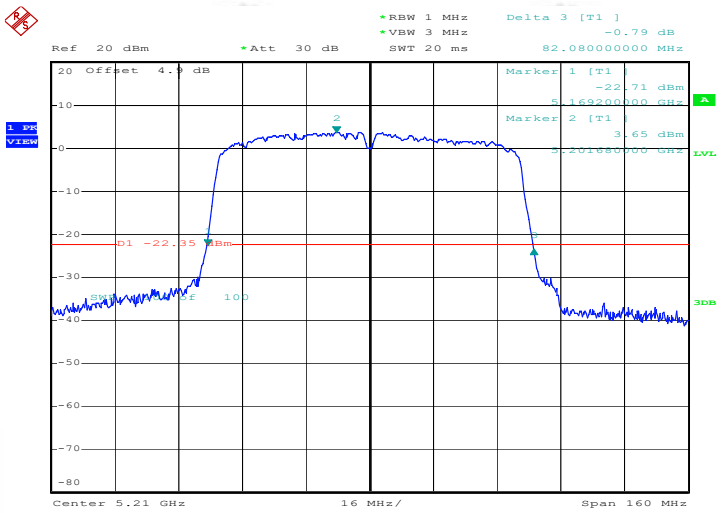

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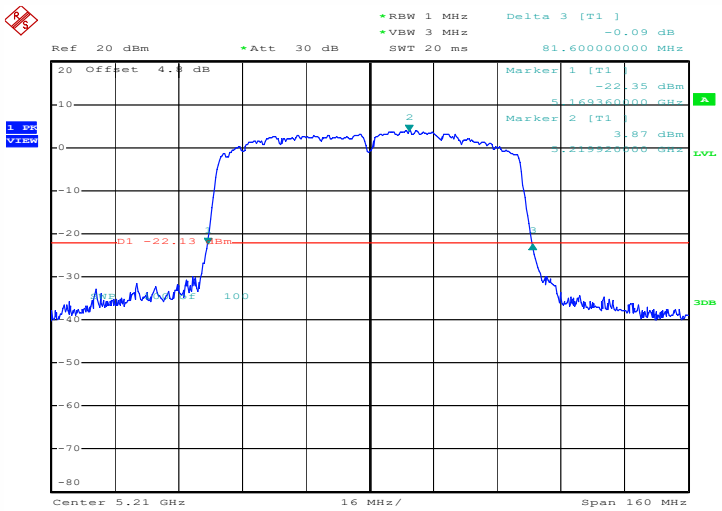

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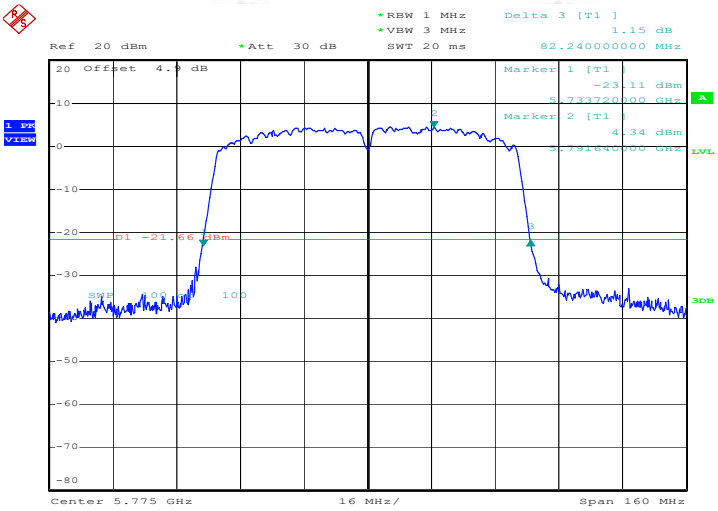

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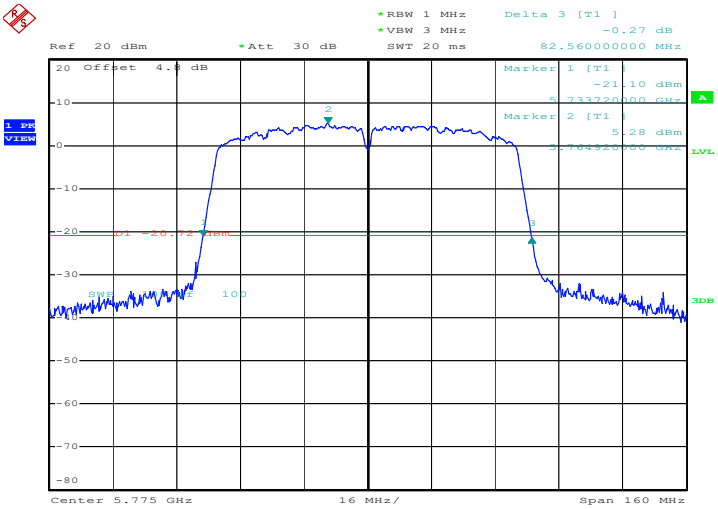

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11AC80SISO_Ant2_5775

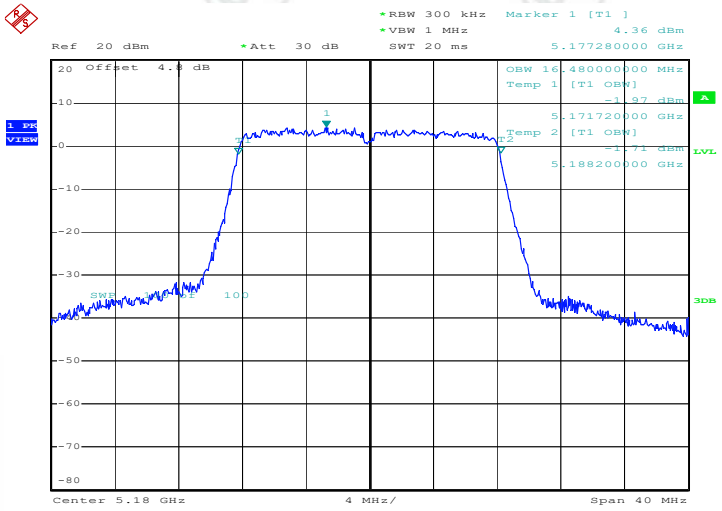
Appendix B: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.48	0.000	0.000	---	---
	Ant2	5180	16.44	0.000	0.000	---	---
	Ant1	5220	16.48	0.000	0.000	---	---
	Ant2	5220	16.4	0.000	0.000	---	---
	Ant1	5240	16.44	0.000	0.000	---	---
	Ant2	5240	16.52	0.000	0.000	---	---
	Ant1	5745	16.48	0.000	0.000	---	---
	Ant2	5745	16.48	0.000	0.000	---	---
	Ant1	5785	16.48	0.000	0.000	---	---
	Ant2	5785	16.48	0.000	0.000	---	---
	Ant1	5825	16.44	0.000	0.000	---	---
	Ant2	5825	16.48	0.000	0.000	---	---
11N20SISO	Ant1	5180	17.6	0.000	0.000	---	---
	Ant2	5180	17.6	0.000	0.000	---	---
	Ant1	5220	17.64	0.000	0.000	---	---
	Ant2	5220	17.56	0.000	0.000	---	---
	Ant1	5240	17.6	0.000	0.000	---	---
	Ant2	5240	17.64	0.000	0.000	---	---
	Ant1	5745	17.6	0.000	0.000	---	---
	Ant2	5745	17.6	0.000	0.000	---	---
	Ant1	5785	17.6	0.000	0.000	---	---
	Ant2	5785	17.64	0.000	0.000	---	---
	Ant1	5825	17.6	0.000	0.000	---	---
	Ant2	5825	17.64	0.000	0.000	---	---
11N40SISO	Ant1	5190	36.56	0.000	0.000	---	---
	Ant2	5190	36.64	0.000	0.000	---	---
	Ant1	5230	36.8	0.000	0.000	---	---
	Ant2	5230	36.56	0.000	0.000	---	---
	Ant1	5755	36.48	0.000	0.000	---	---
	Ant2	5755	36.4	0.000	0.000	---	---
	Ant1	5795	36.72	0.000	0.000	---	---
	Ant2	5795	36.64	0.000	0.000	---	---
11AC20SISO	Ant1	5180	17.6	0.000	0.000	---	---
	Ant2	5180	17.6	0.000	0.000	---	---
	Ant1	5220	17.64	0.000	0.000	---	---

	Ant2	5220	17.6	0.000	0.000	---	---
	Ant1	5240	17.6	0.000	0.000	---	---
	Ant2	5240	17.6	0.000	0.000	---	---
	Ant1	5745	17.64	0.000	0.000	---	---
	Ant2	5745	17.6	0.000	0.000	---	---
	Ant1	5785	17.6	0.000	0.000	---	---
	Ant2	5785	17.6	0.000	0.000	---	---
	Ant1	5825	17.6	0.000	0.000	---	---
	Ant2	5825	17.64	0.000	0.000	---	---
11AC40SISO	Ant1	5190	36.48	0.000	0.000	---	---
	Ant2	5190	36.4	0.000	0.000	---	---
	Ant1	5230	36.72	0.000	0.000	---	---
	Ant2	5230	36.64	0.000	0.000	---	---
	Ant1	5755	36.56	0.000	0.000	---	---
	Ant2	5755	36.48	0.000	0.000	---	---
	Ant1	5795	36.72	0.000	0.000	---	---
	Ant2	5795	36.56	0.000	0.000	---	---
11AC80SISO	Ant1	5210	75.36	0.000	0.000	---	---
	Ant2	5210	75.2	0.000	0.000	---	---
	Ant1	5775	75.2	0.000	0.000	---	---
	Ant2	5775	75.52	0.000	0.000	---	---

Test Graphs



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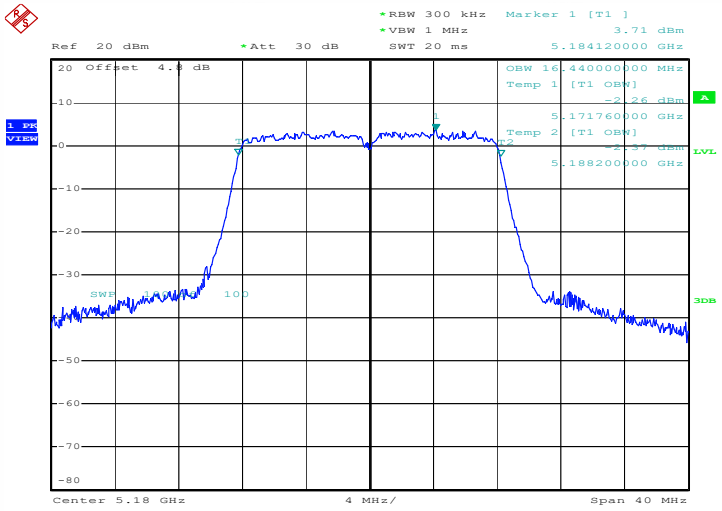

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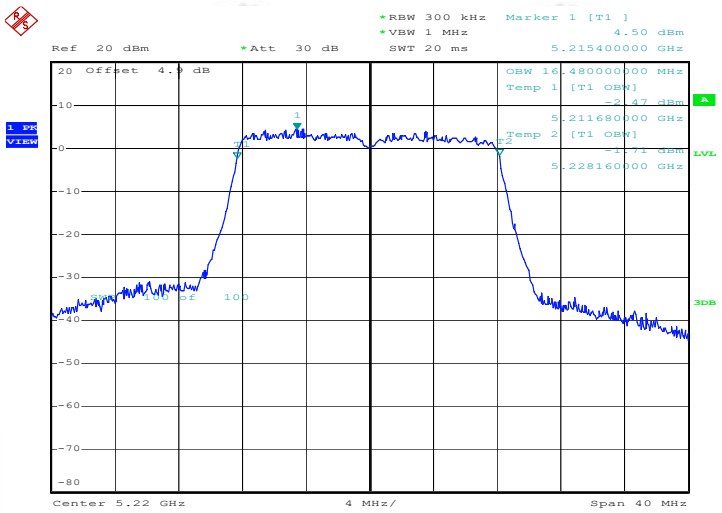

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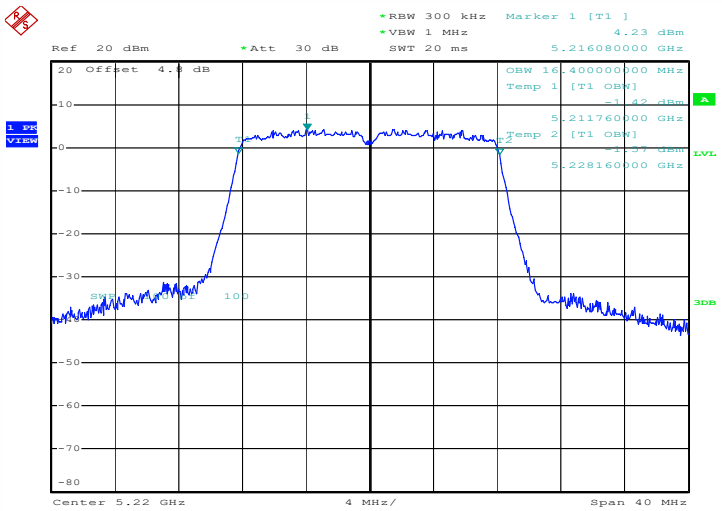

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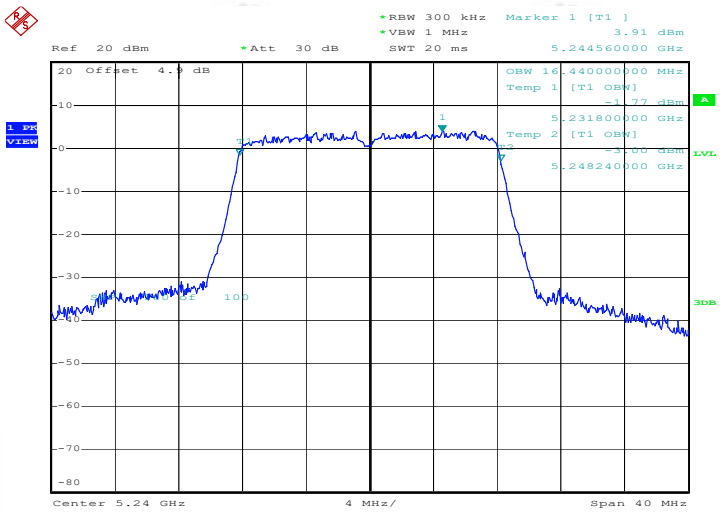

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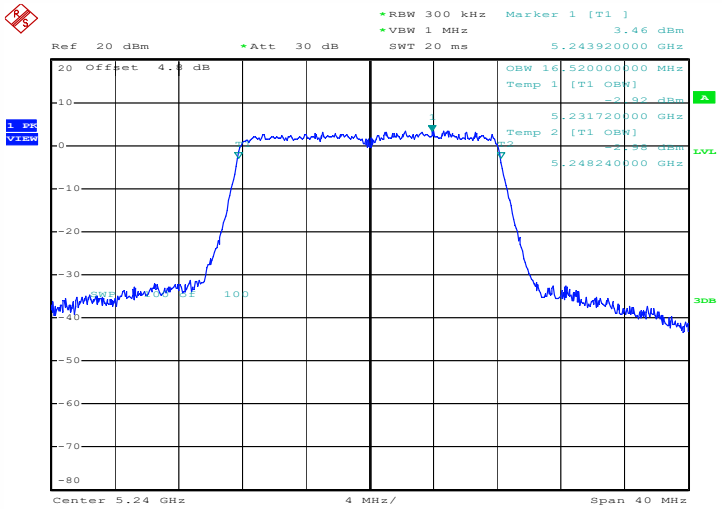

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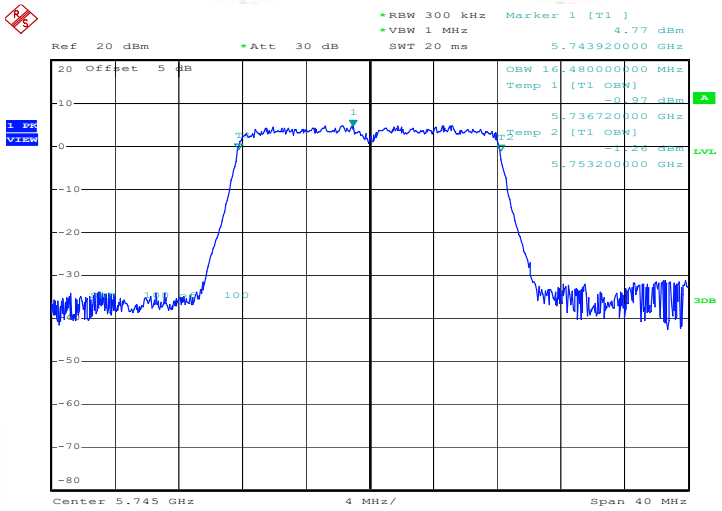

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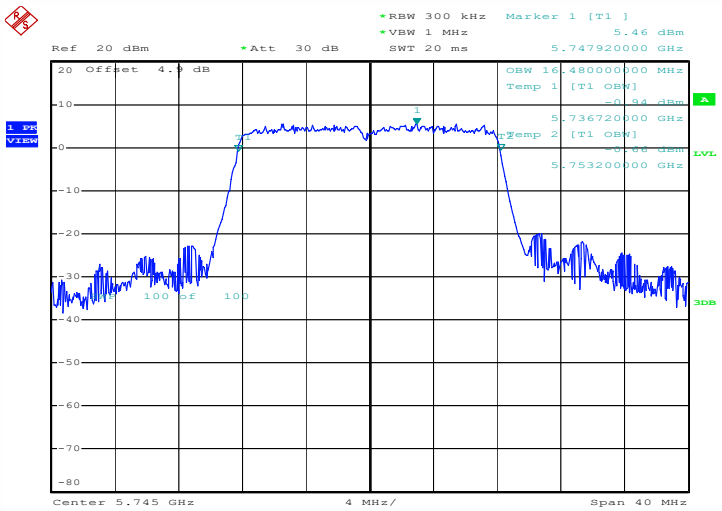

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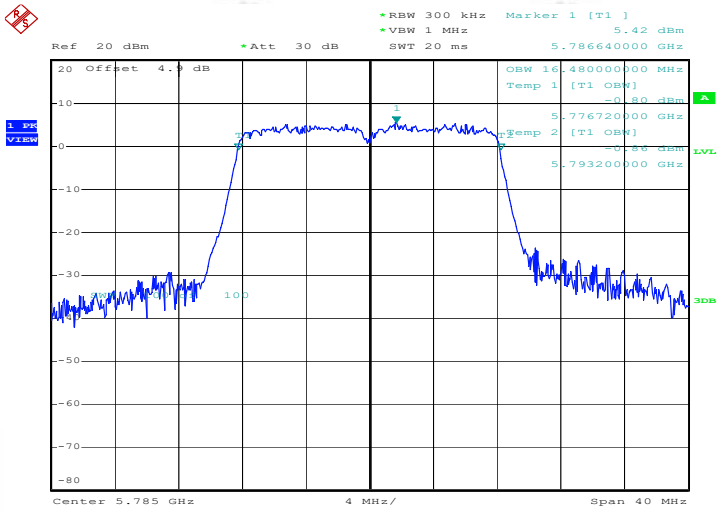

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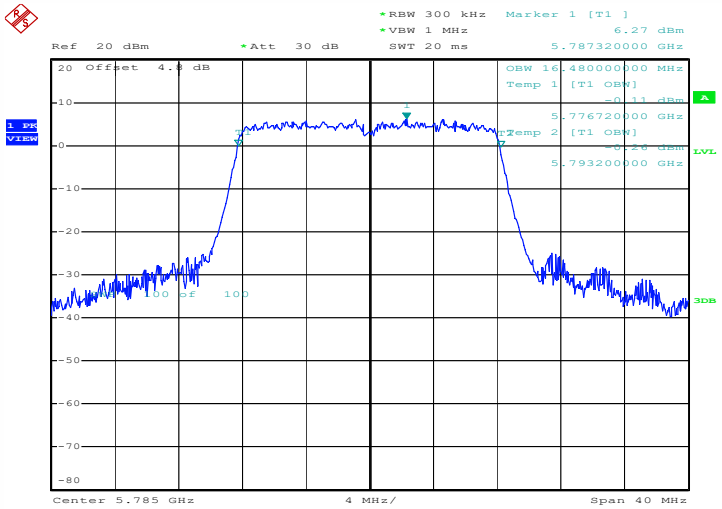

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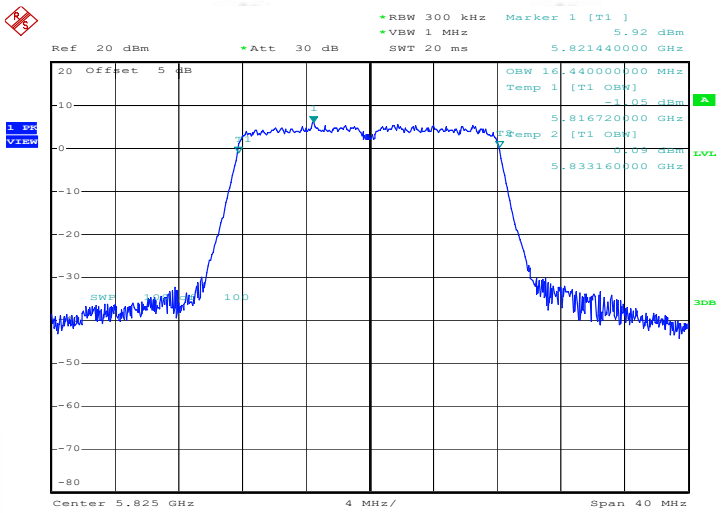

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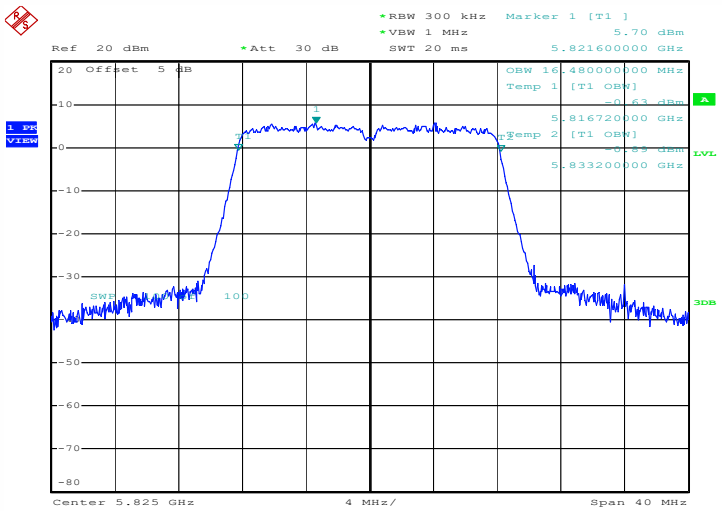

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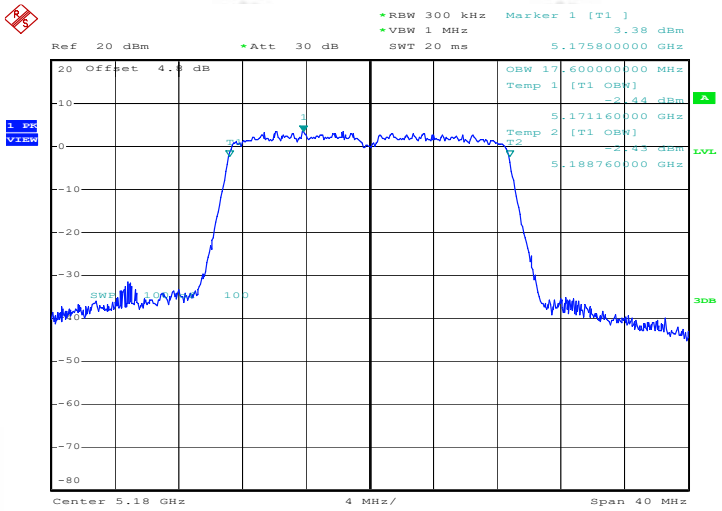

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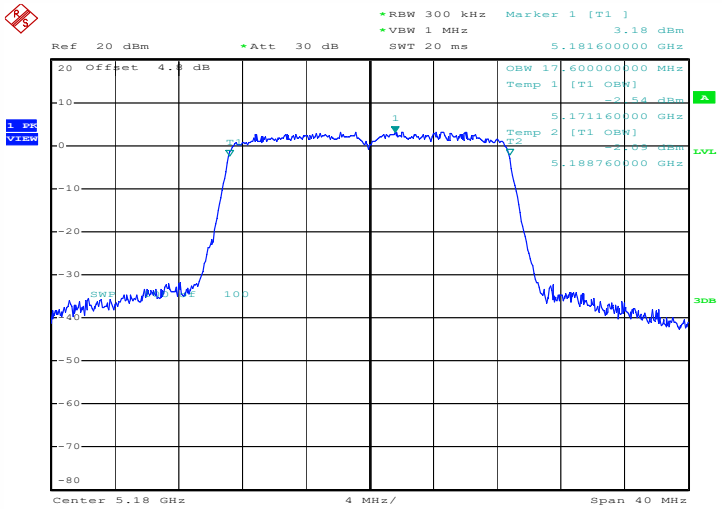

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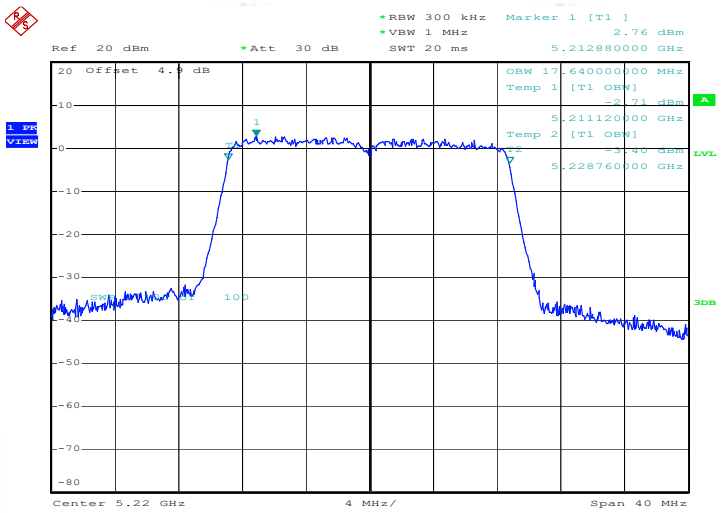

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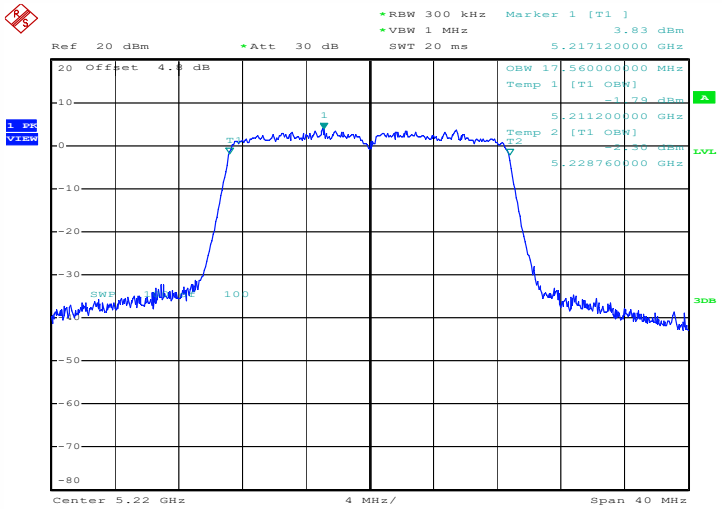

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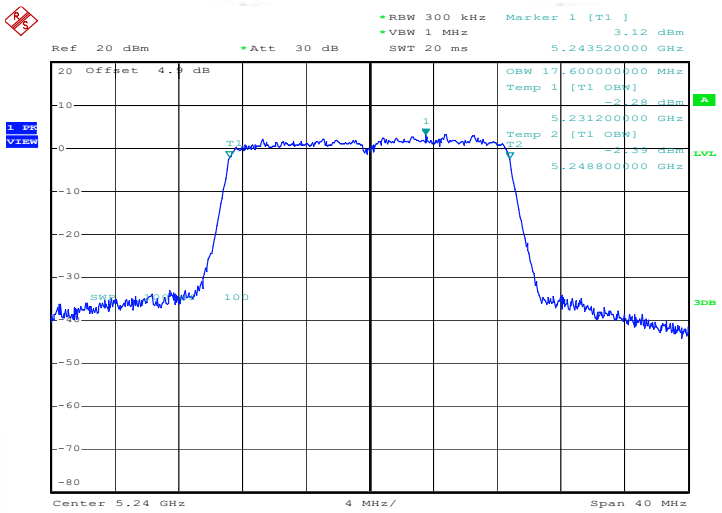

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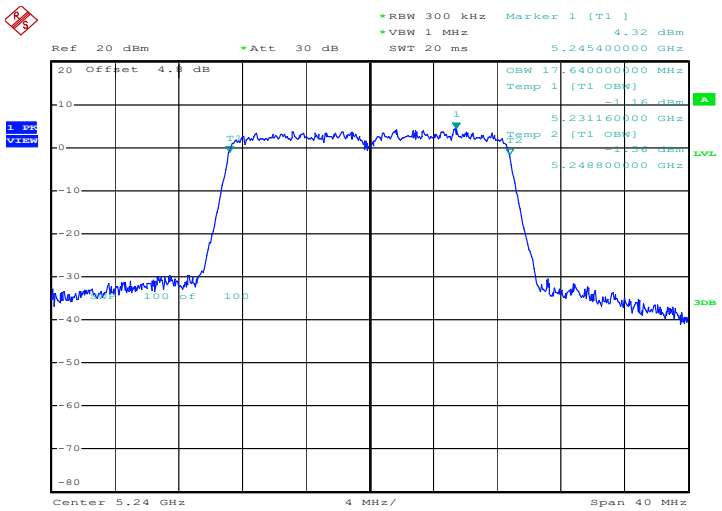

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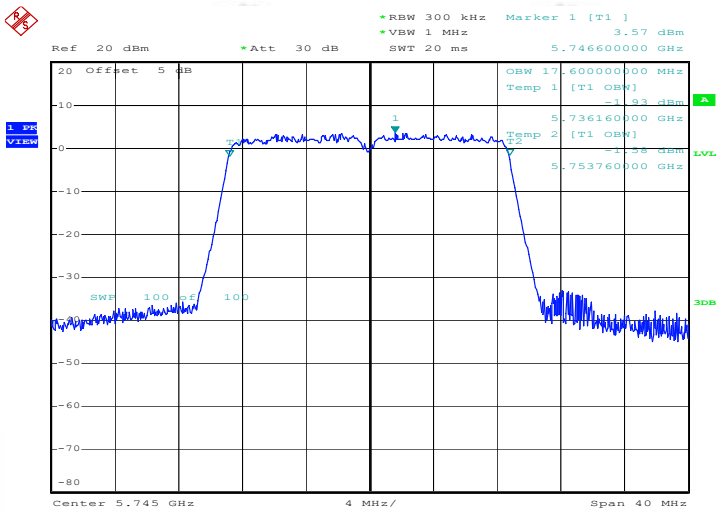

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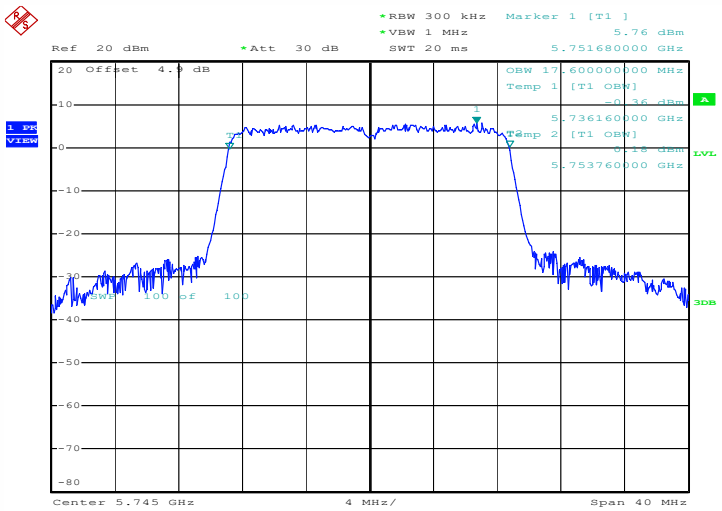

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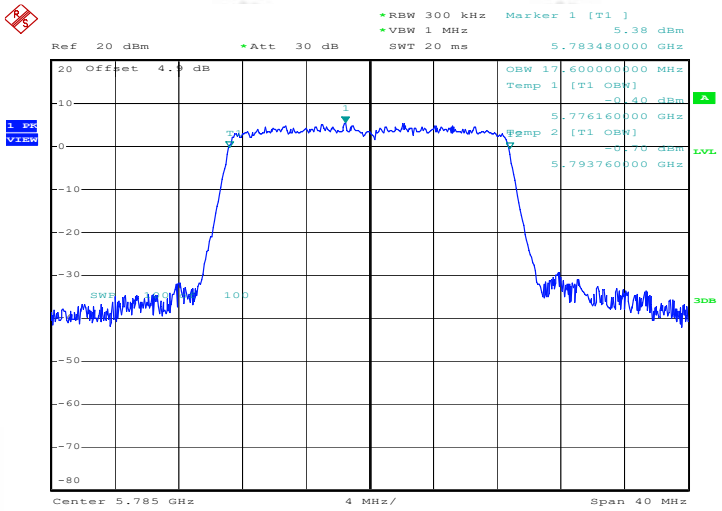

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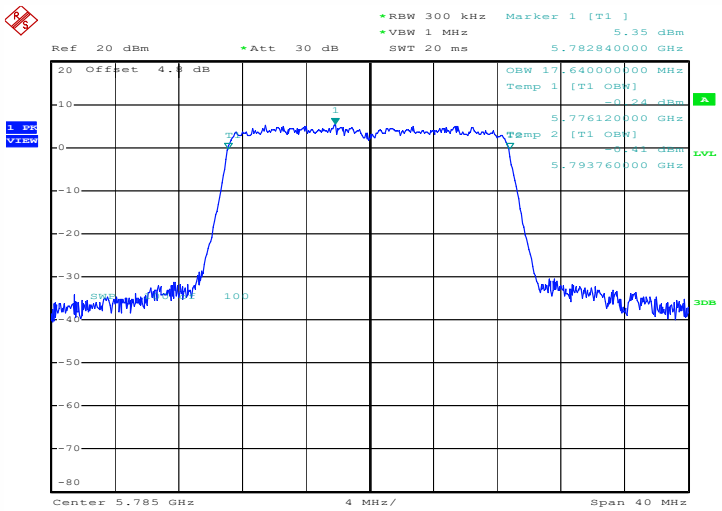

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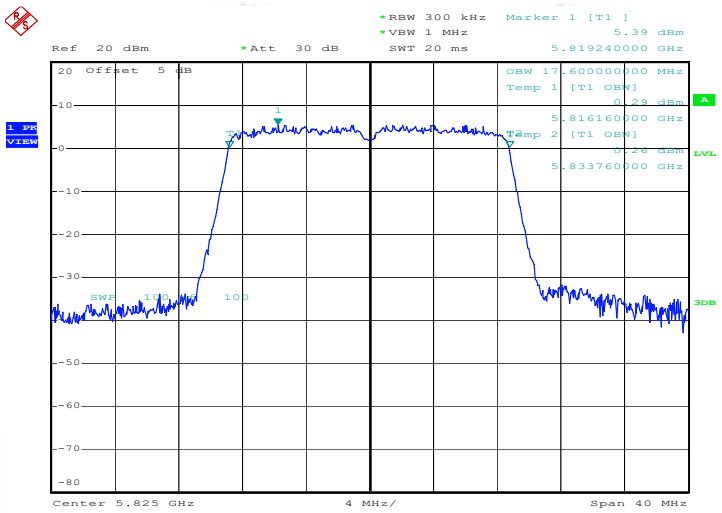

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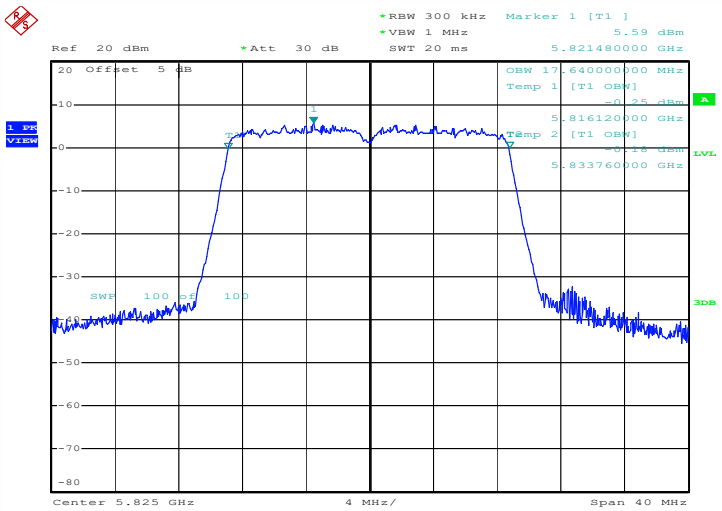

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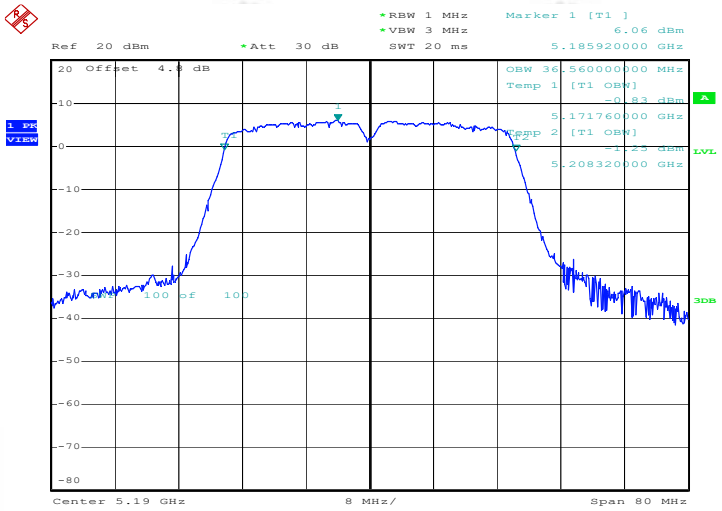

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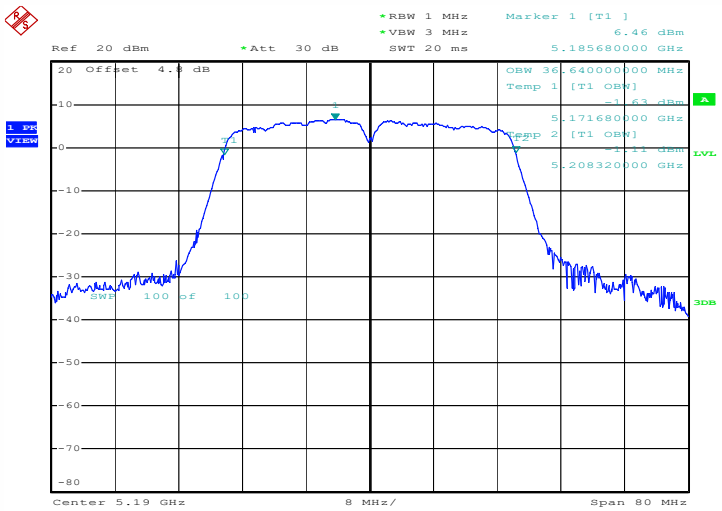

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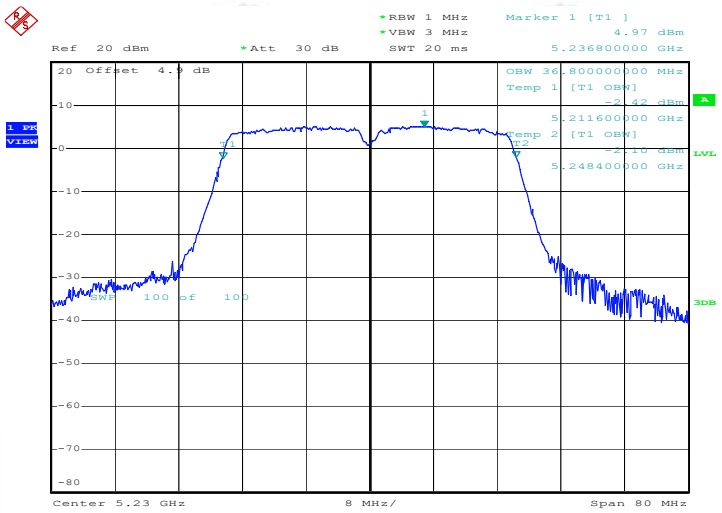

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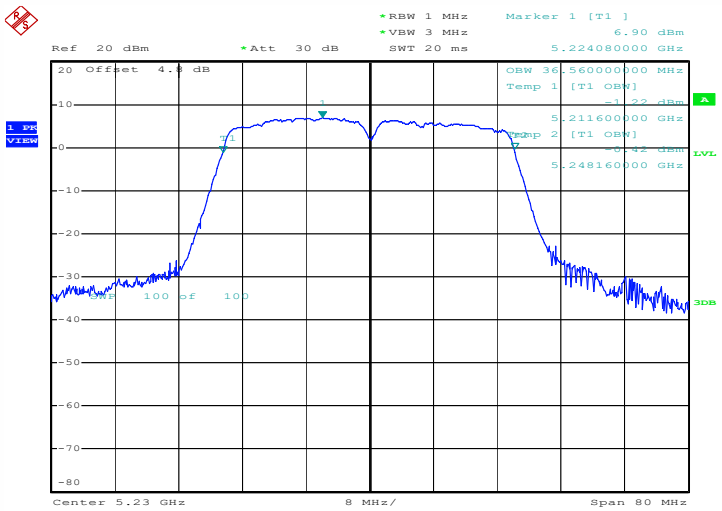

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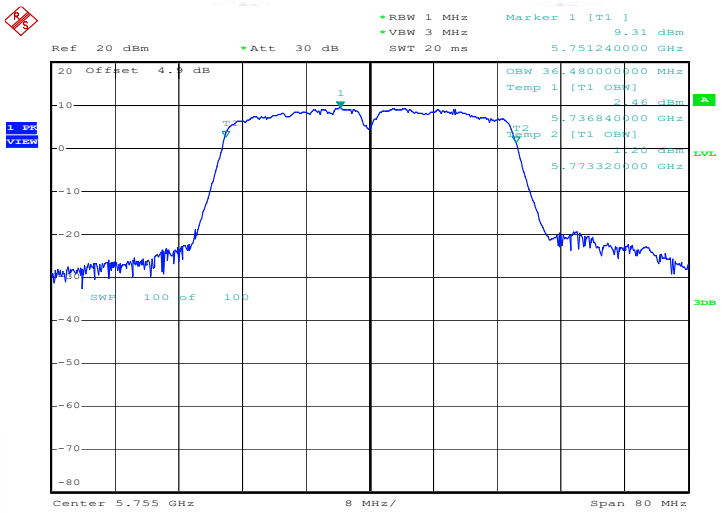

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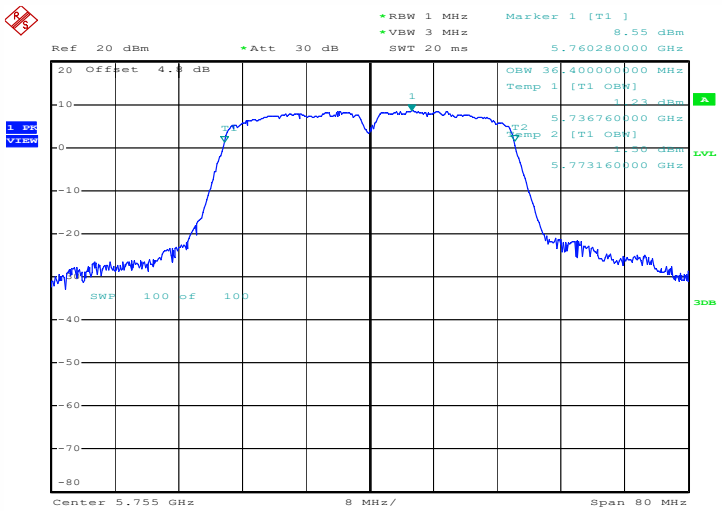

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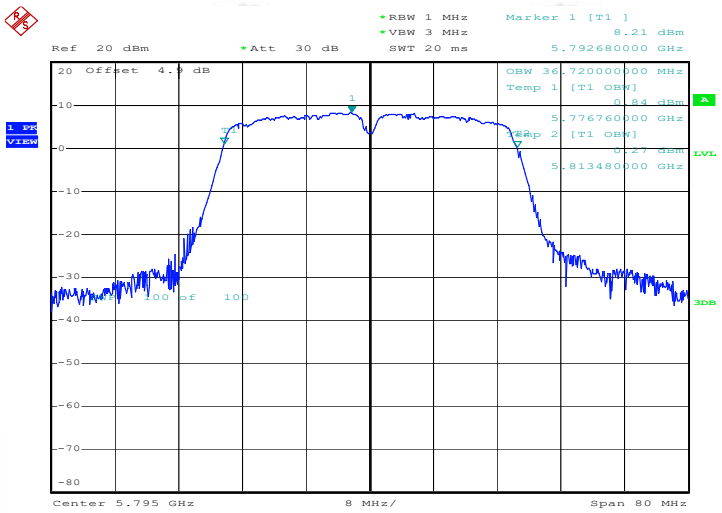

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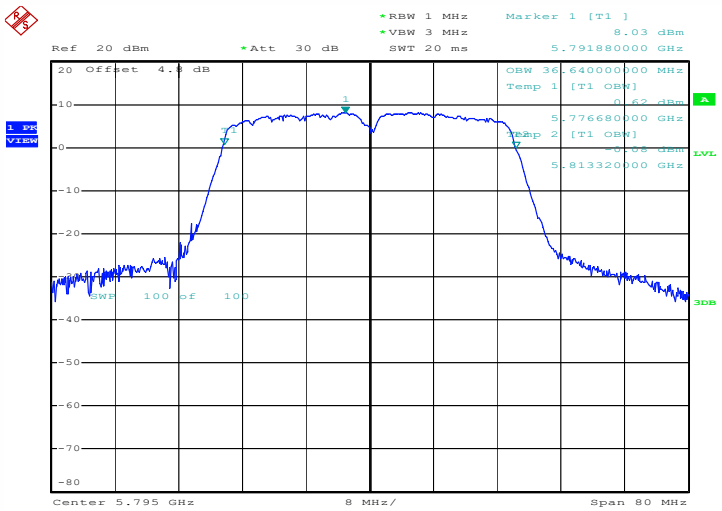

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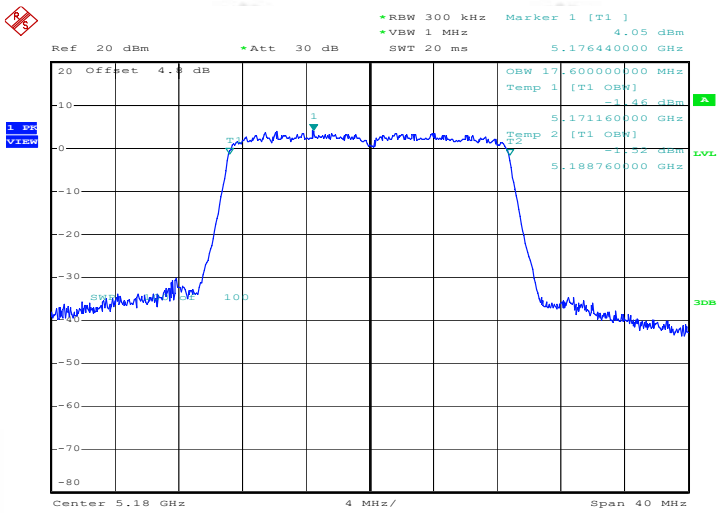

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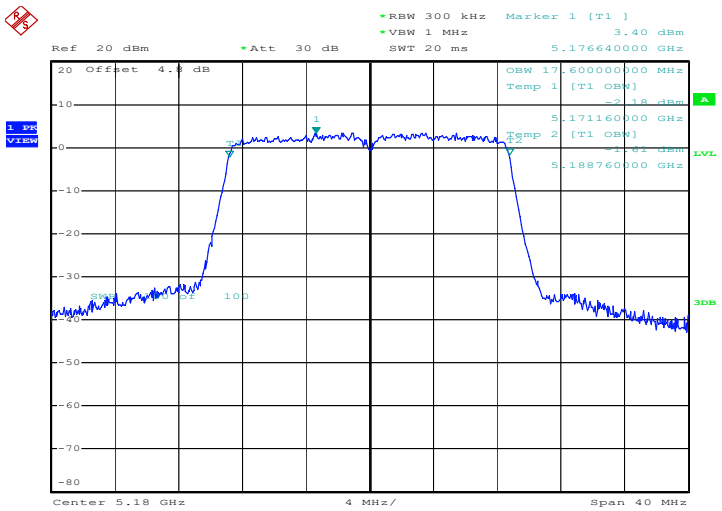

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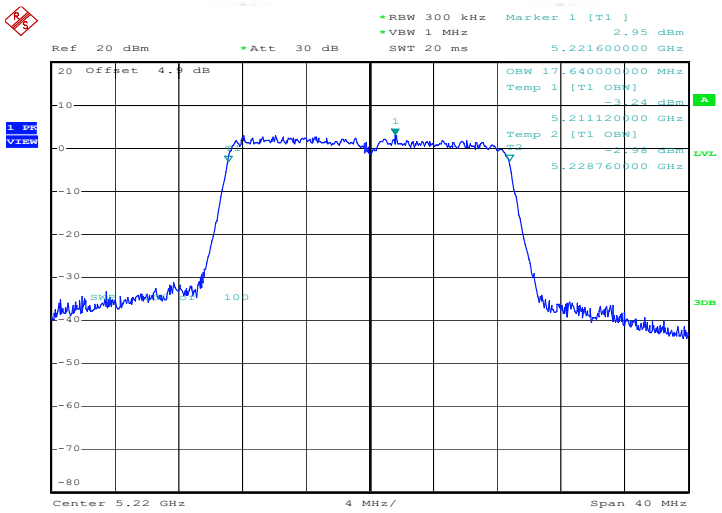

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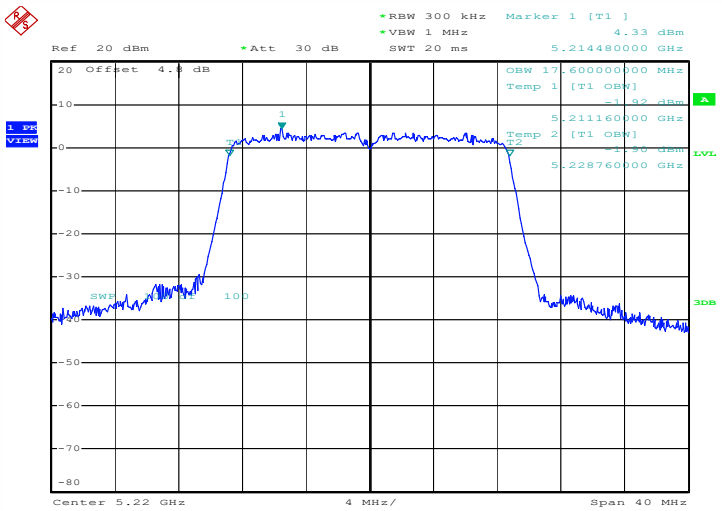

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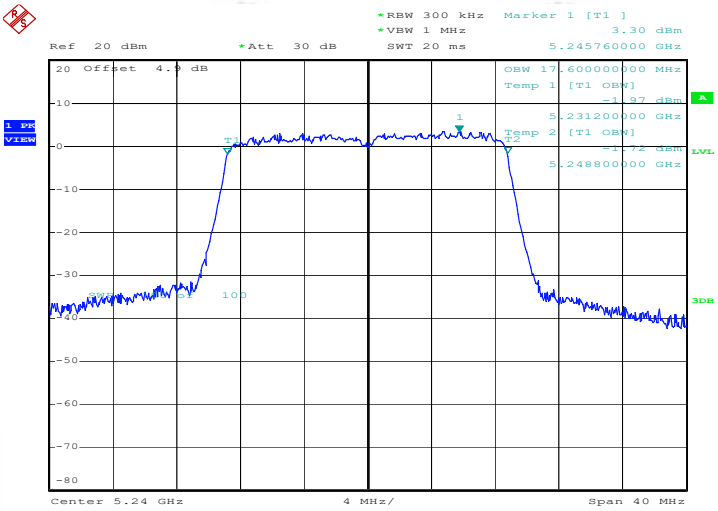

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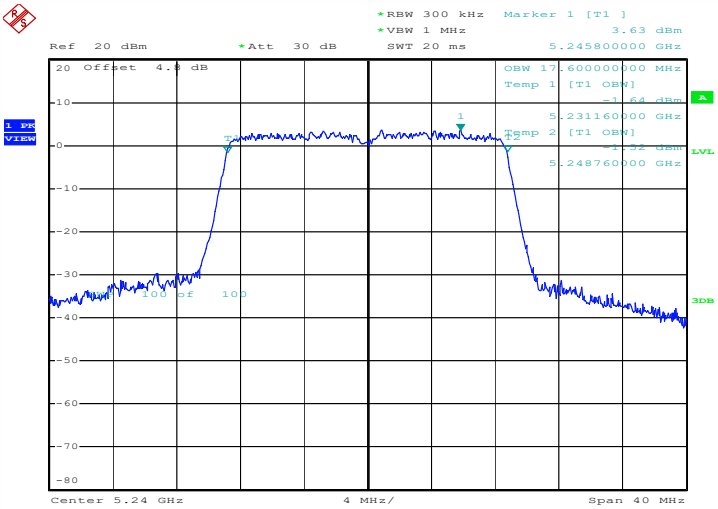

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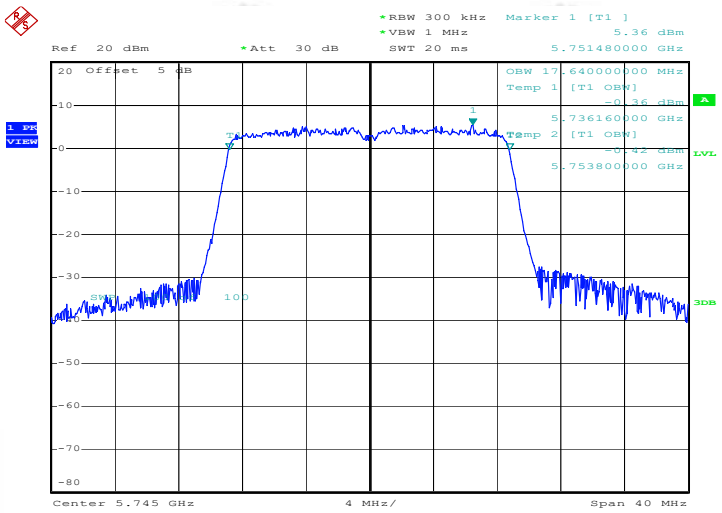

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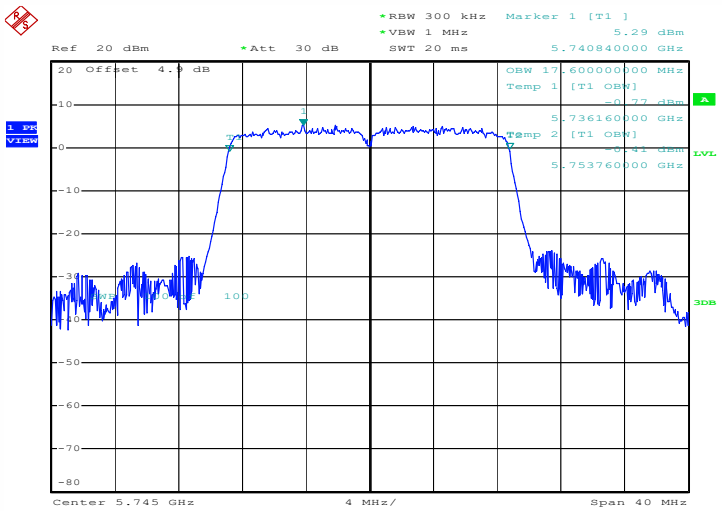

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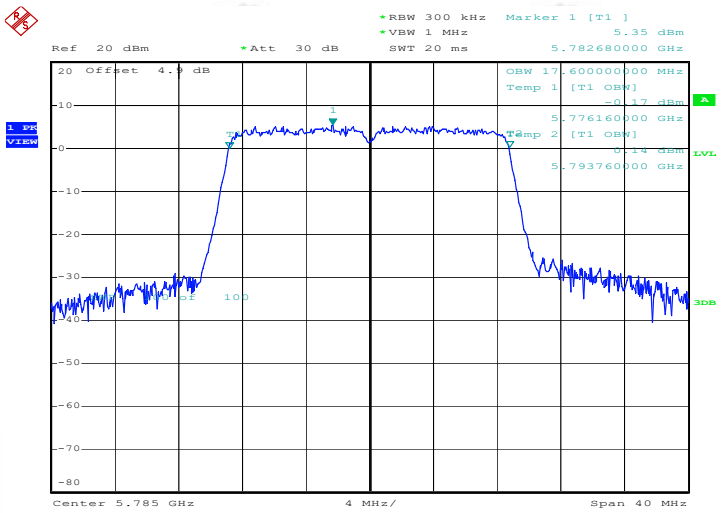

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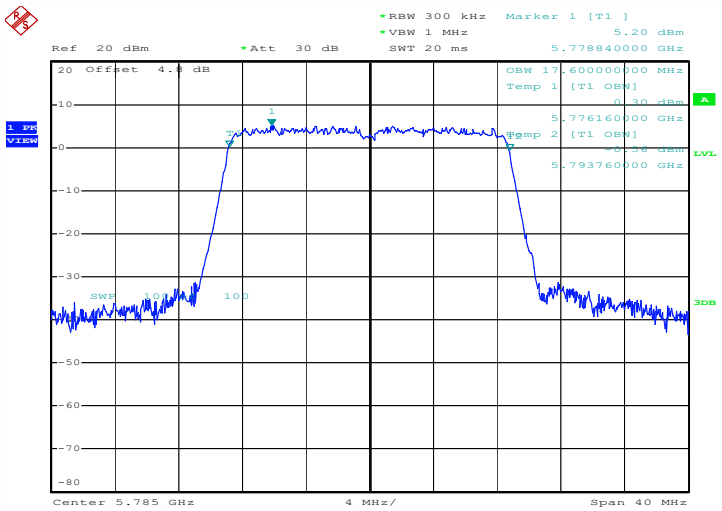

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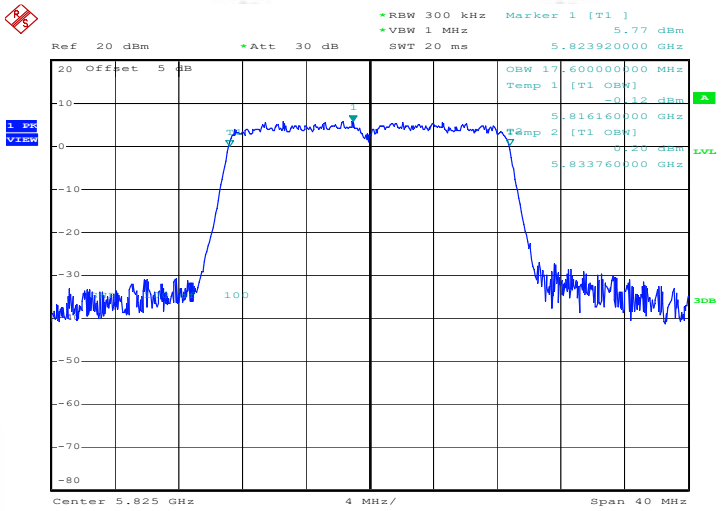

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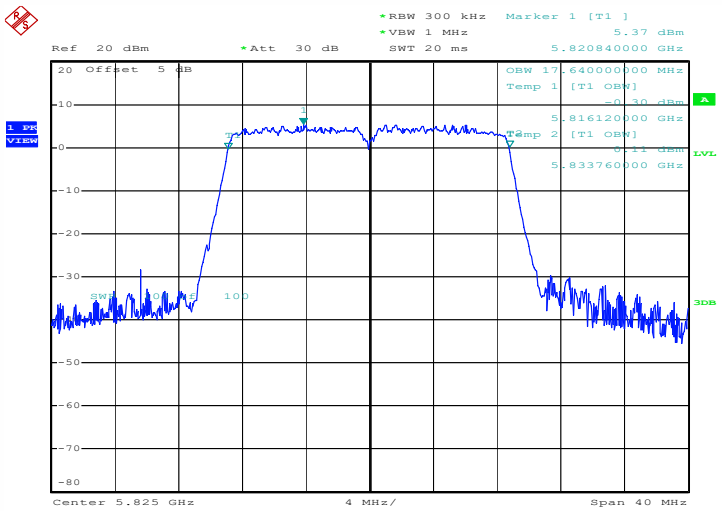

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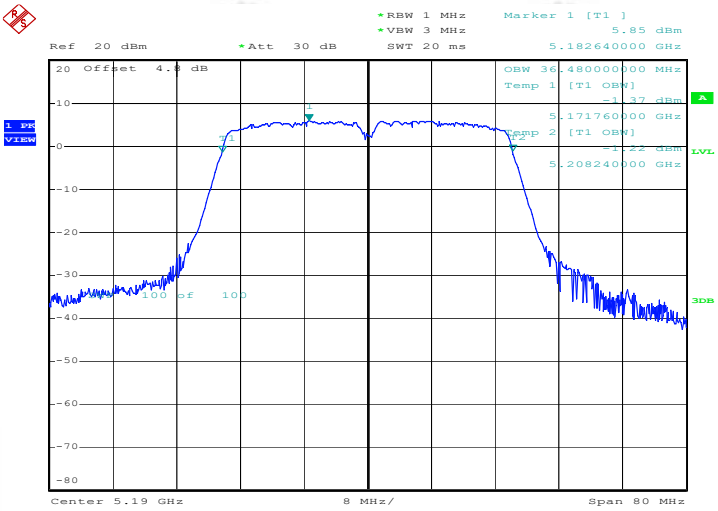

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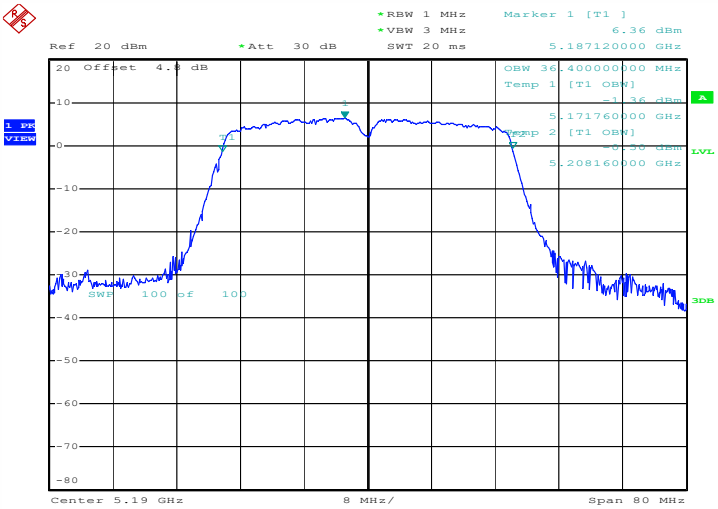

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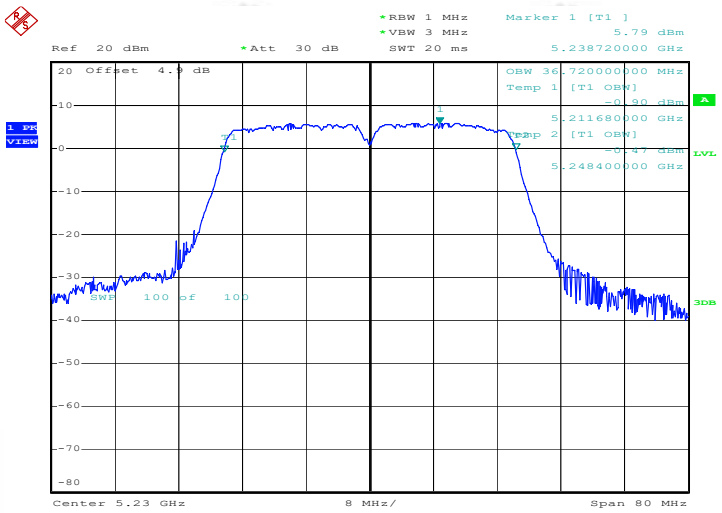

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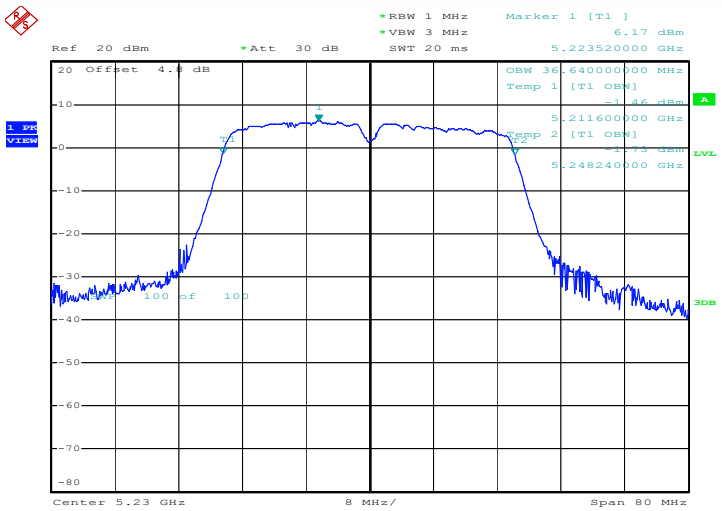

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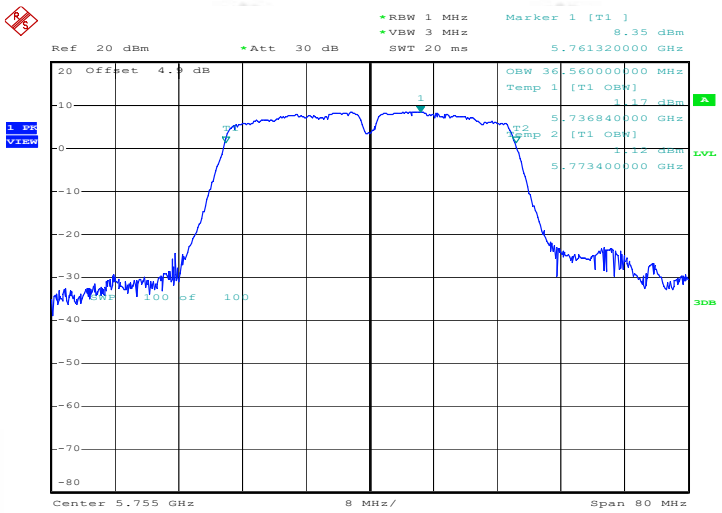

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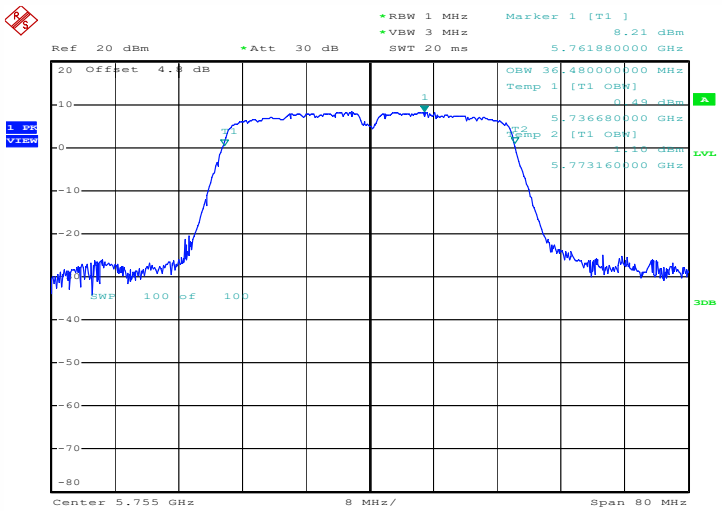

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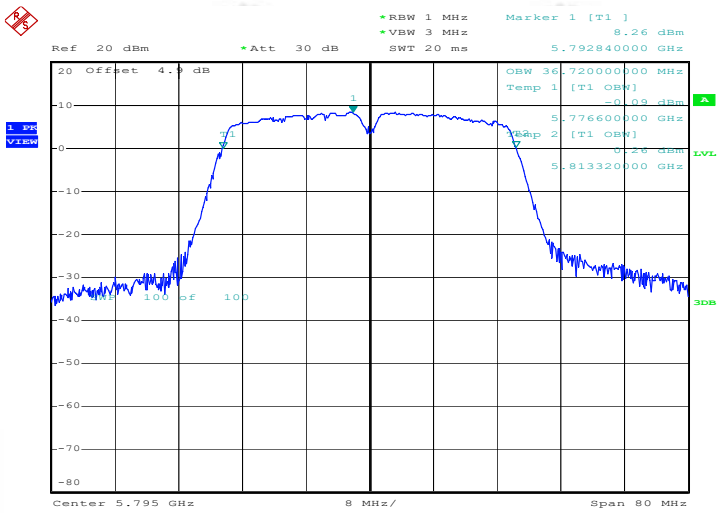

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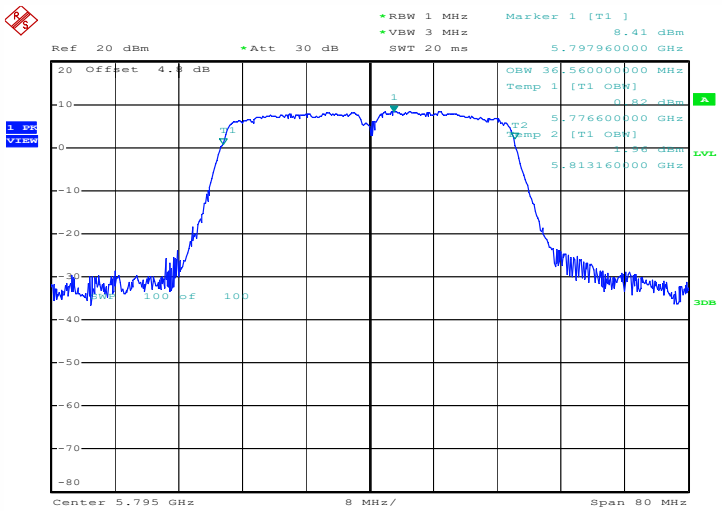

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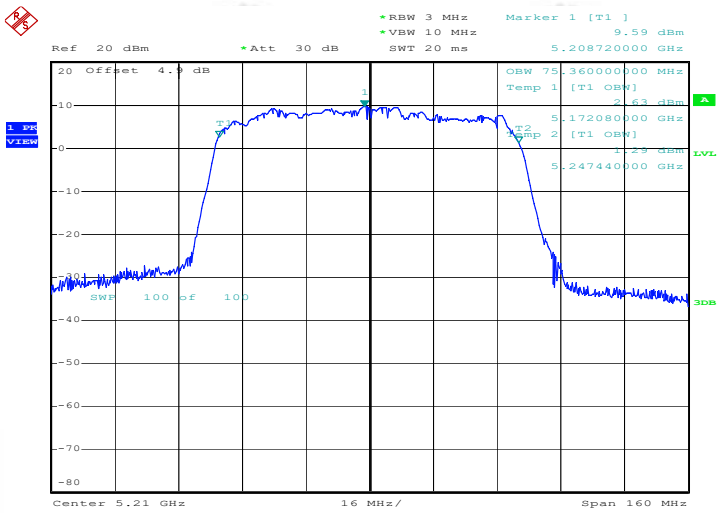

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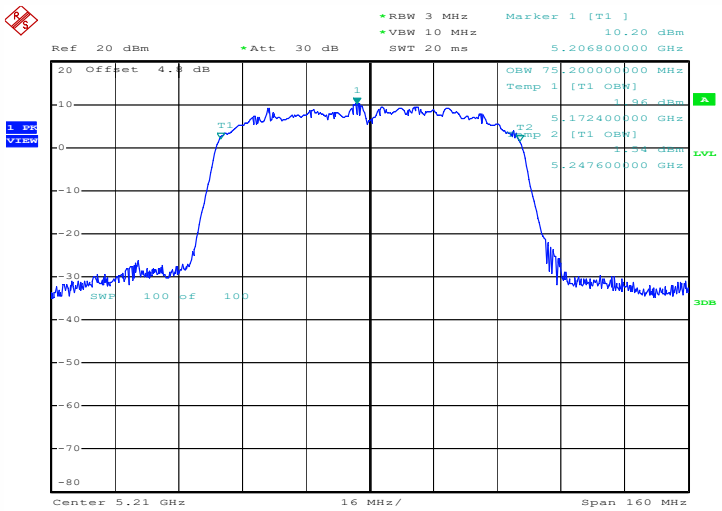

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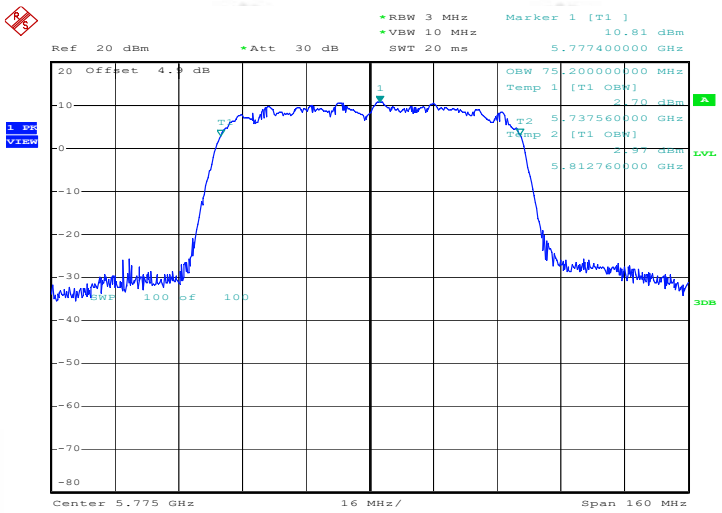

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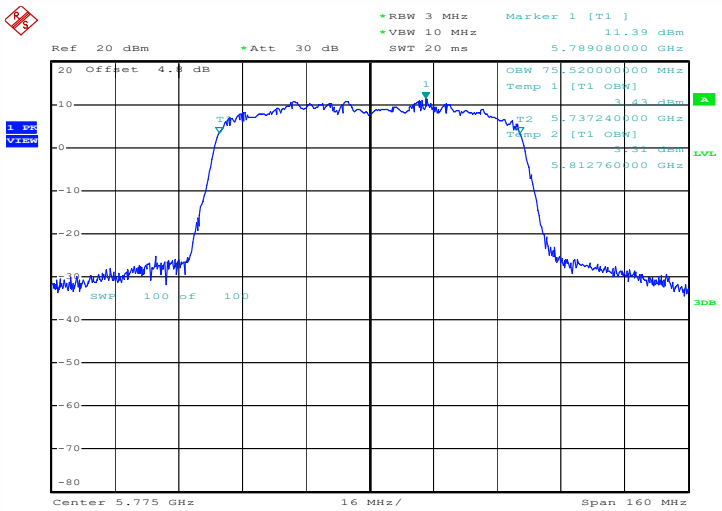

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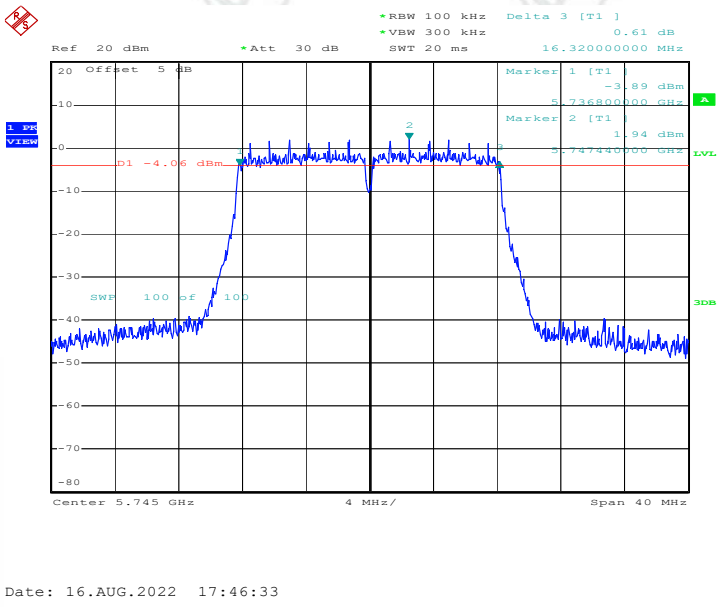
11AC80SISO_Ant2_5775

Appendix C: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant2	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant1	5825	16.32	5816.80	5833.12	0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	0.5	PASS
11N20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11N40SISO	Ant1	5755	35.04	5737.48	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	33.84	5778.68	5812.52	0.5	PASS
	Ant2	5795	35.44	5777.08	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	71.36	5738.68	5810.04	0.5	PASS

Test Graphs B4



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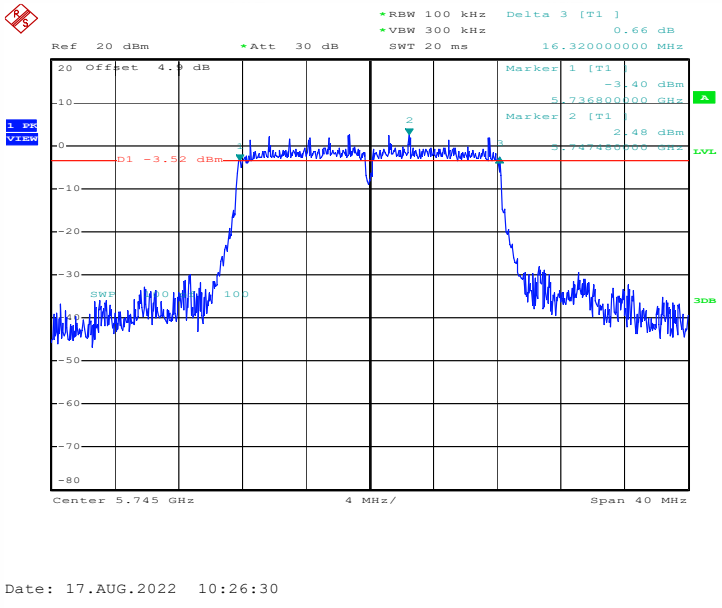

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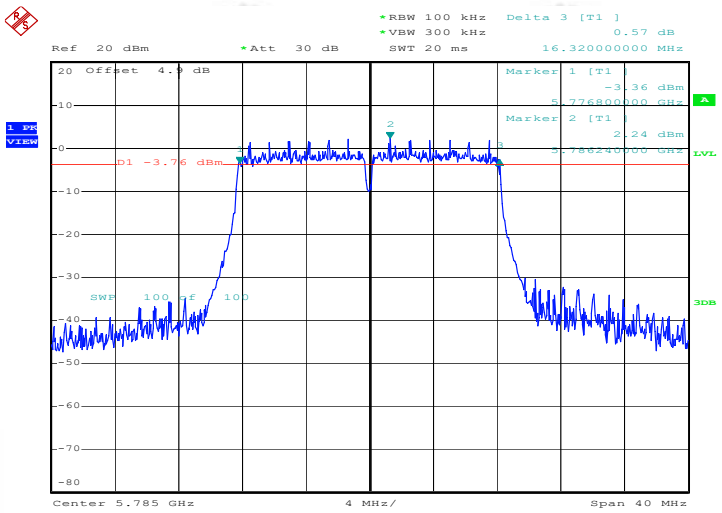

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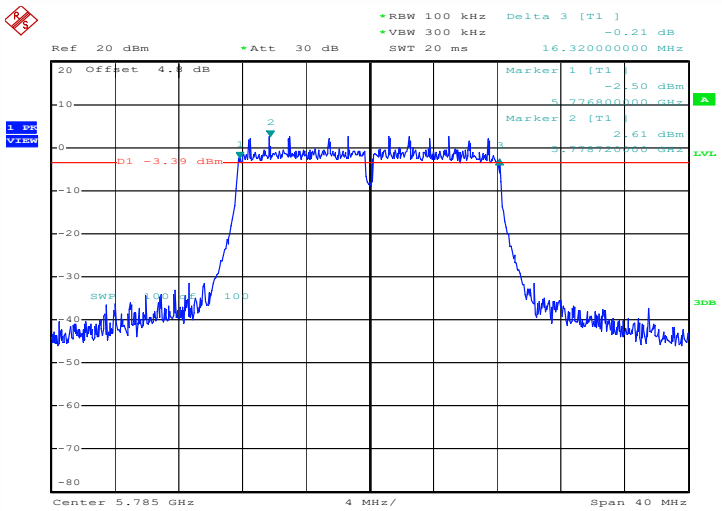

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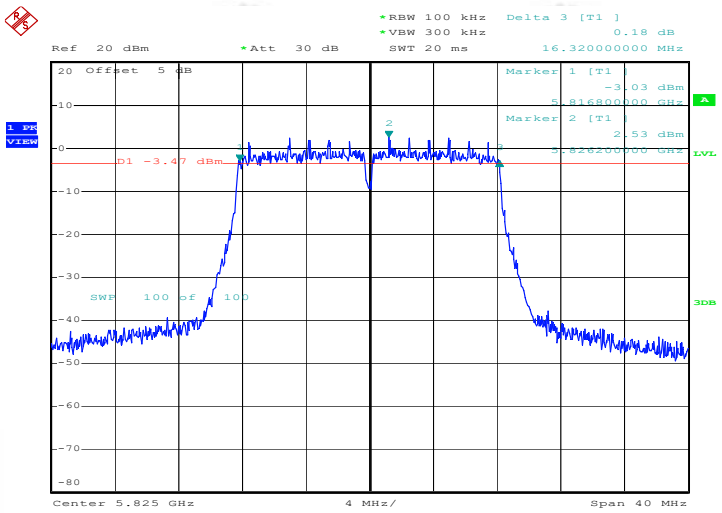

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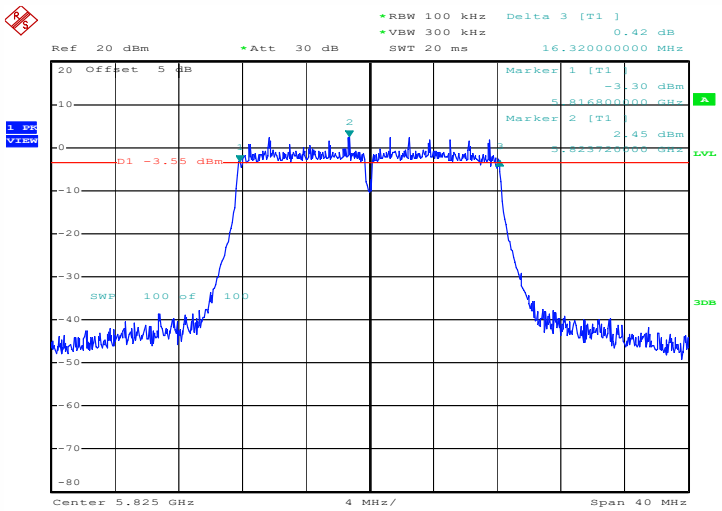

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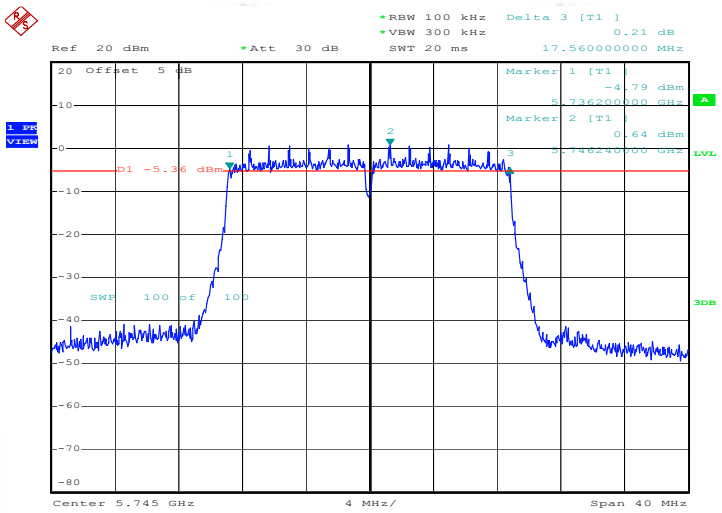

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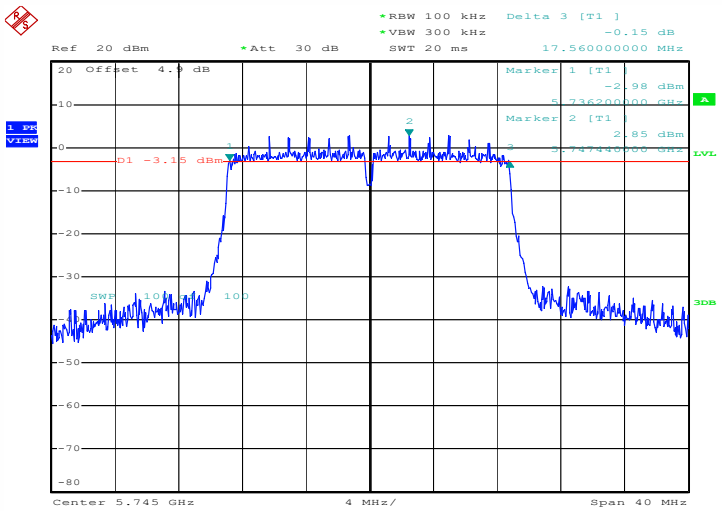
11N20SISO_Ant1_5745



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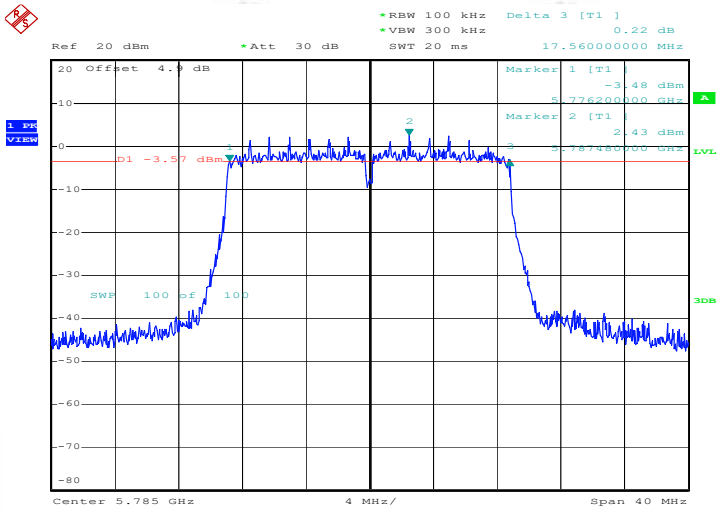

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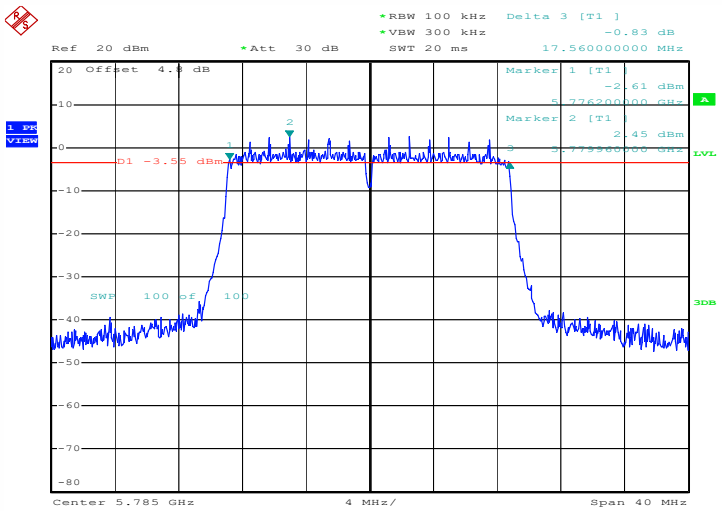

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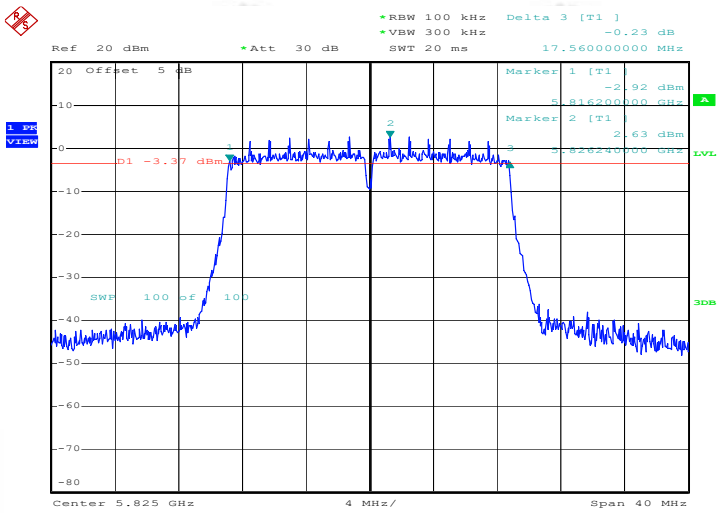

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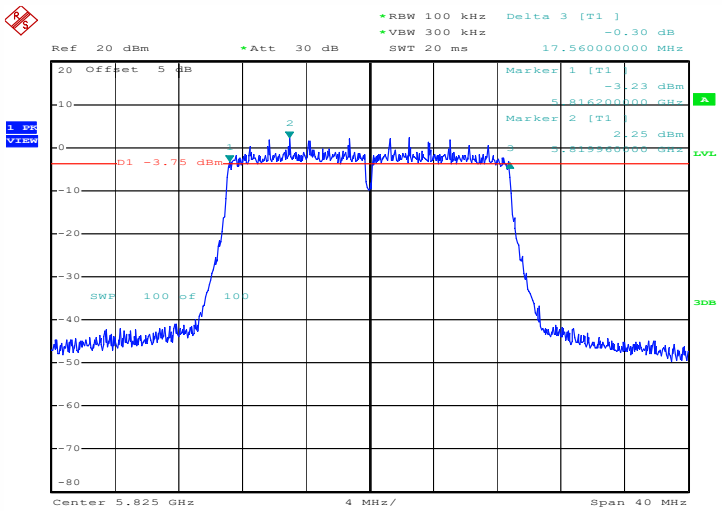
11N20SISO_Ant1_5825



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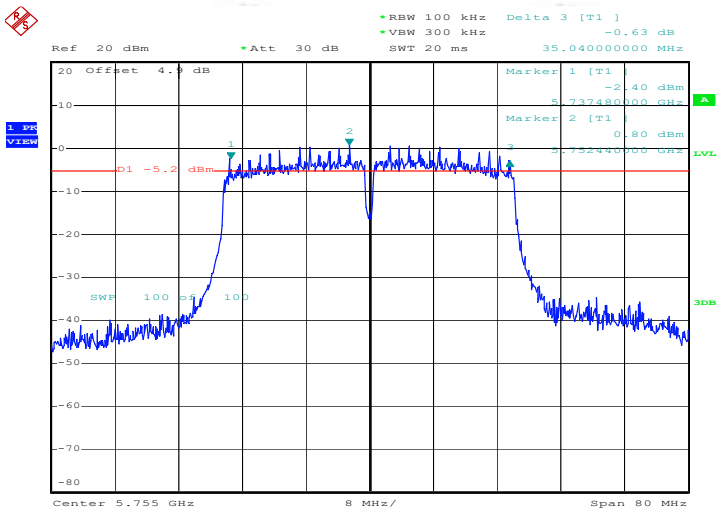

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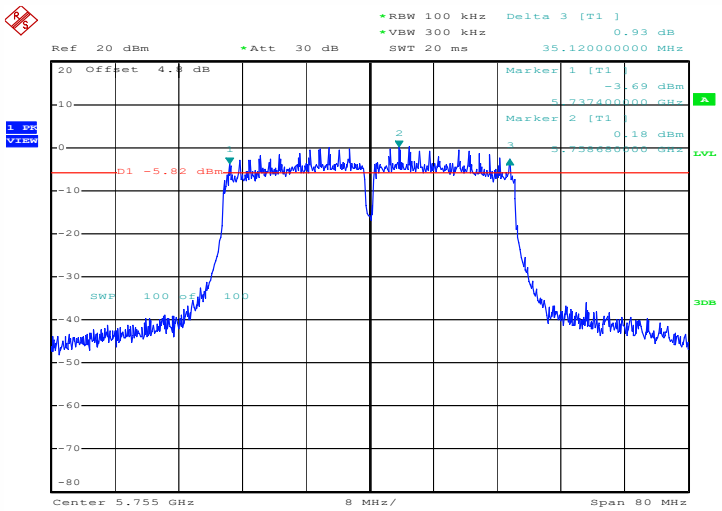

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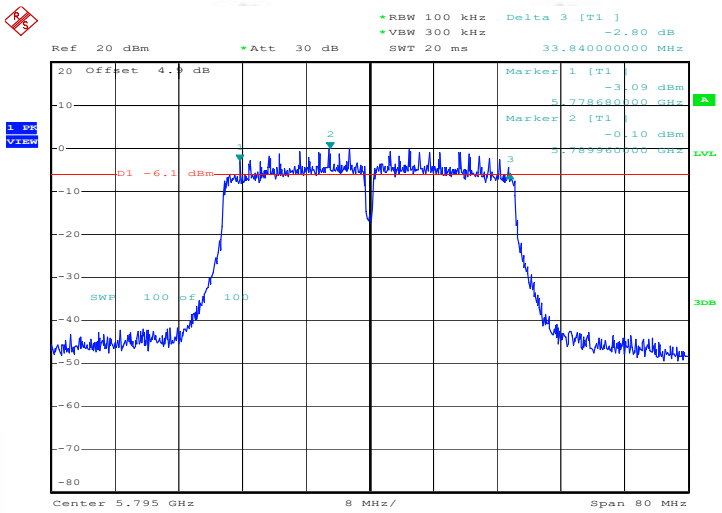

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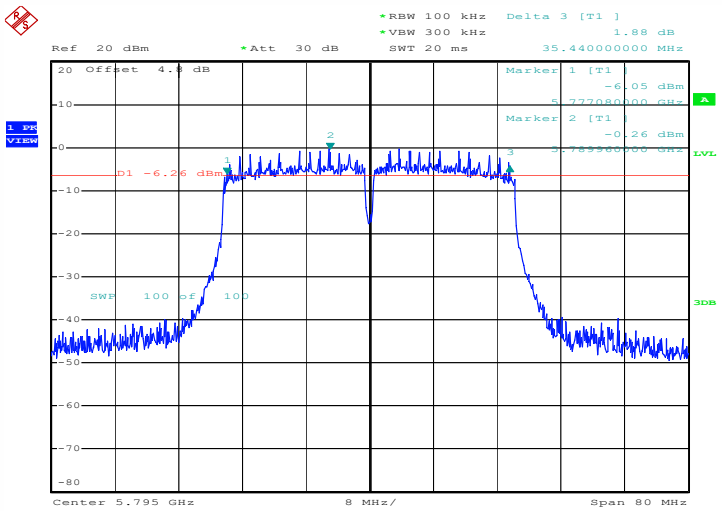

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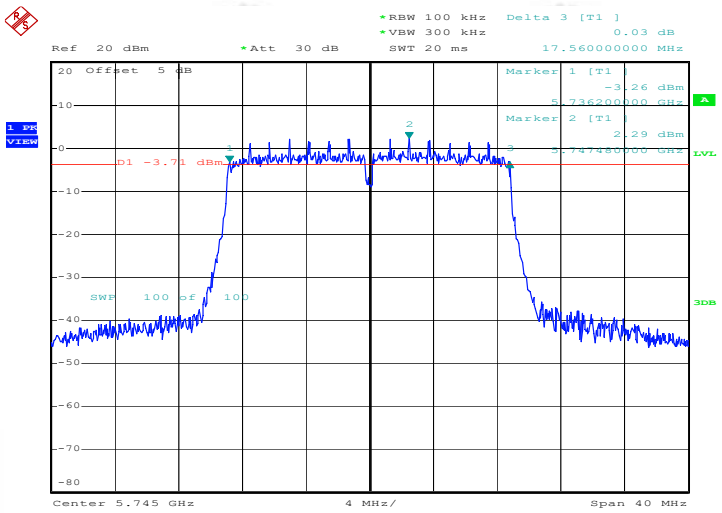

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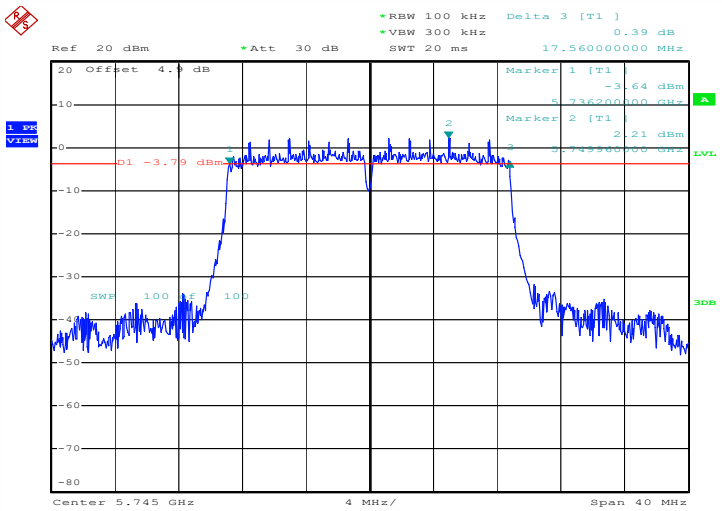

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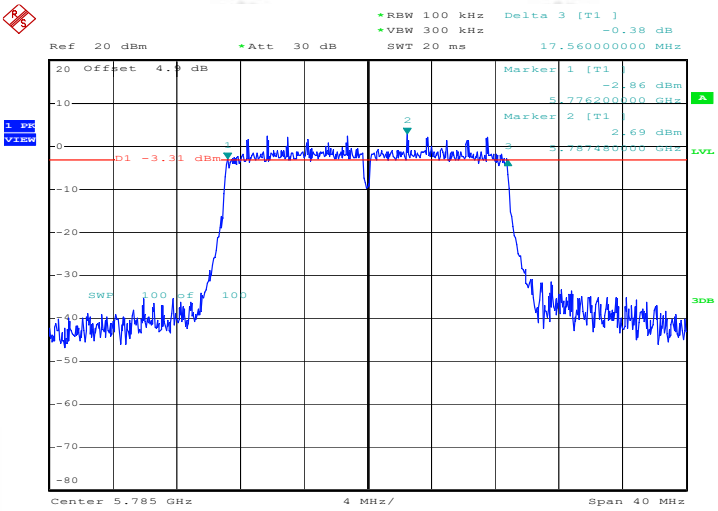

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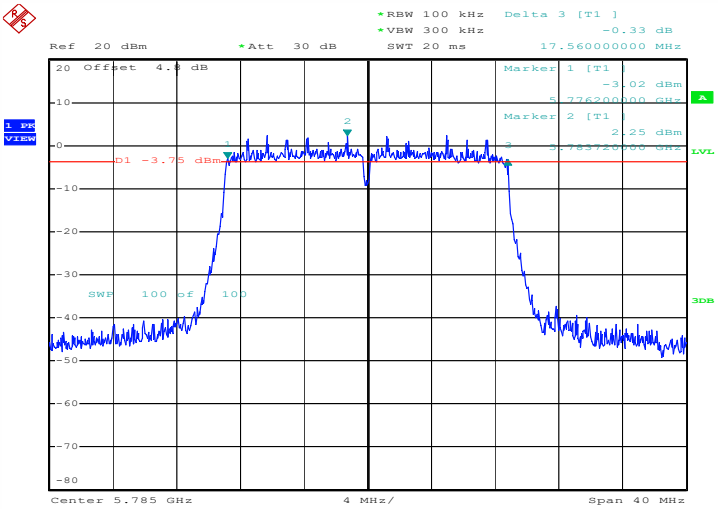

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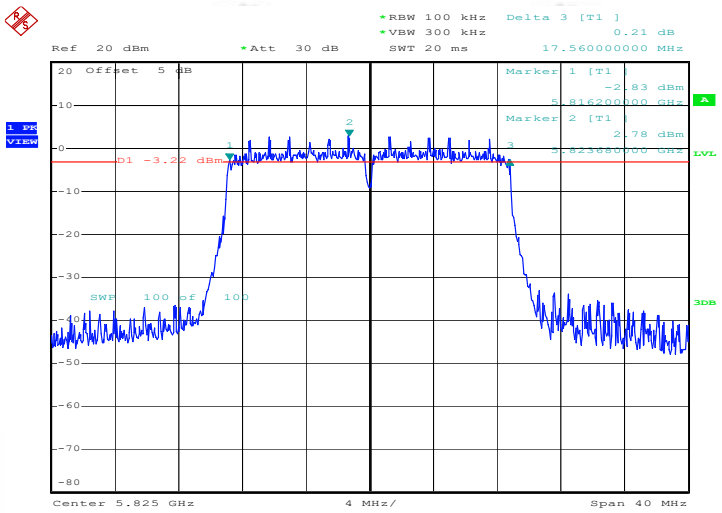

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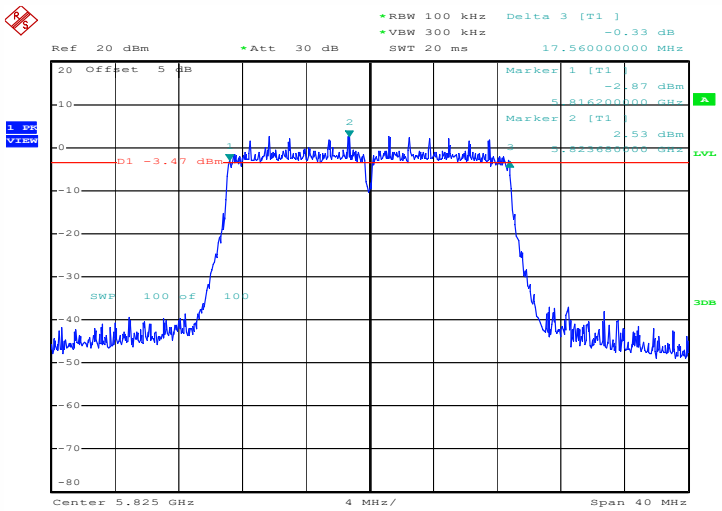

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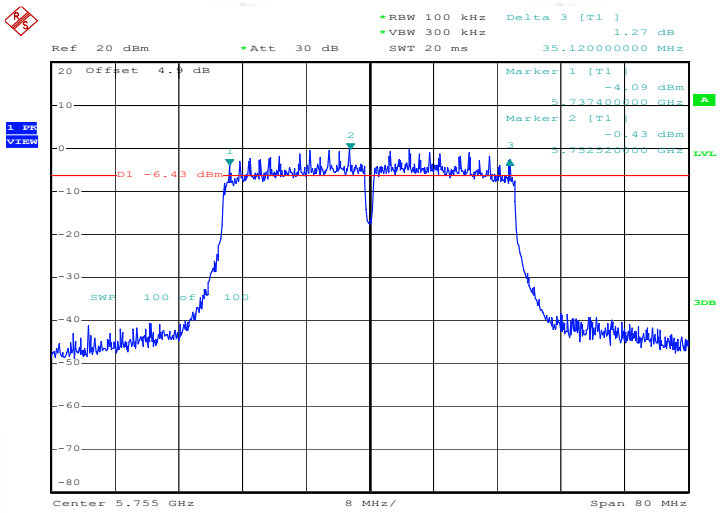

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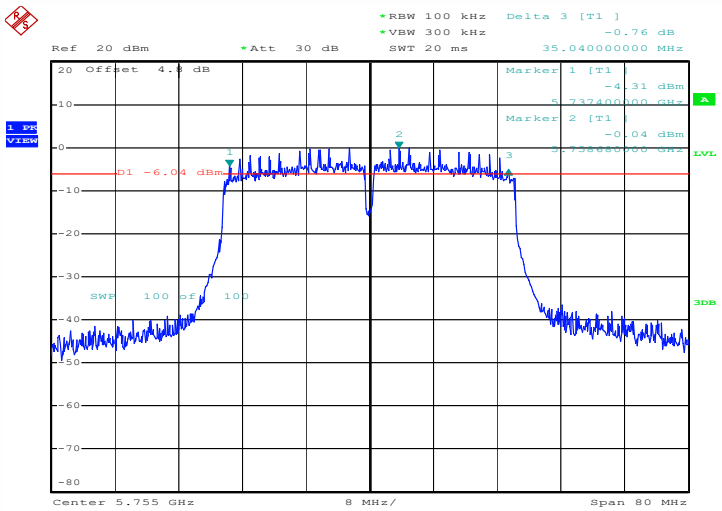

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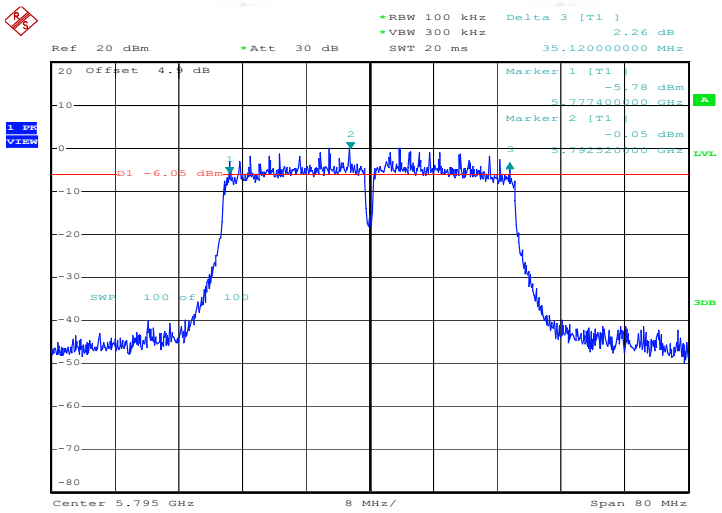

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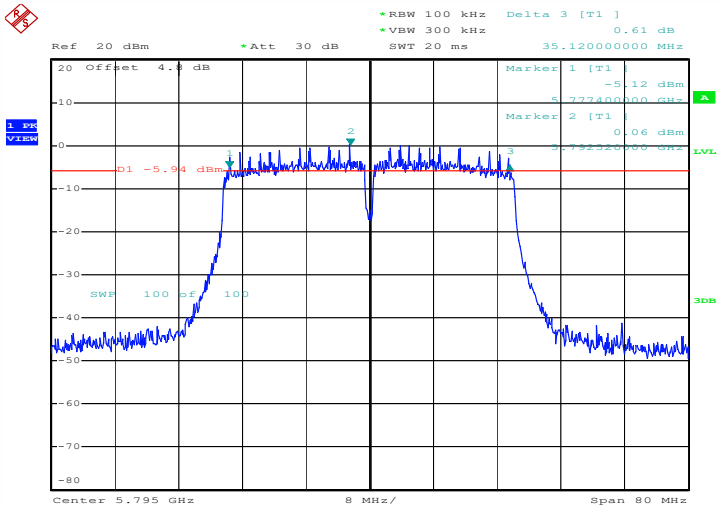

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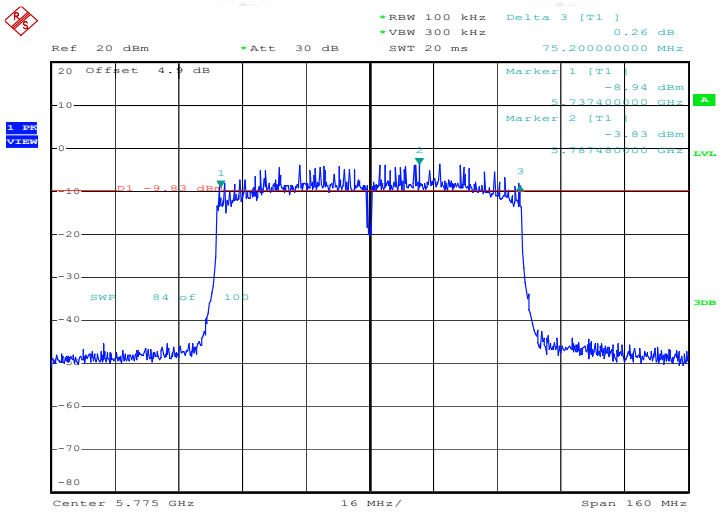

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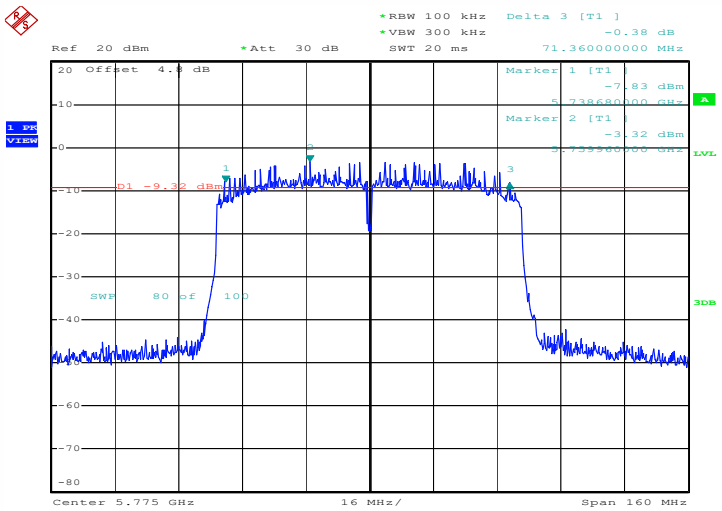

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11AC80SISO_Ant2_5775

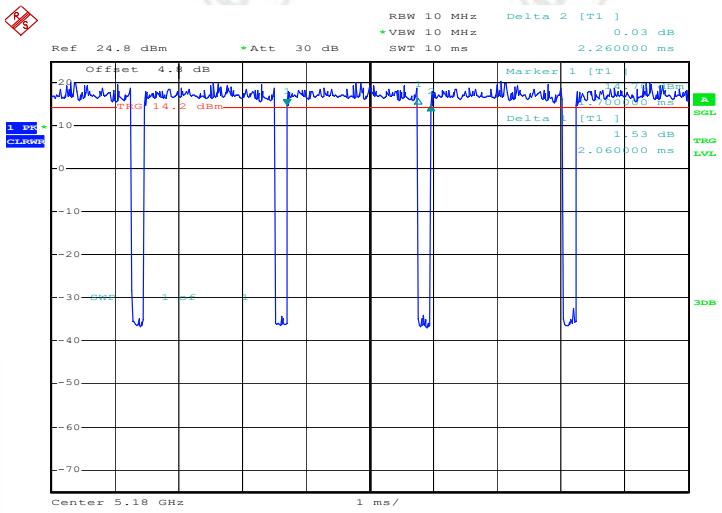
Appendix D: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.06	2.26	91.15
	Ant2	5180	2.06	2.28	90.35
	Ant1	5220	2.08	2.26	92.04
	Ant2	5220	2.08	2.28	91.23
	Ant1	5240	2.06	2.24	91.96
	Ant2	5240	2.08	2.22	93.69
	Ant1	5745	2.06	2.26	91.15
	Ant2	5745	2.06	2.24	91.96
	Ant1	5785	2.06	2.30	89.57
	Ant2	5785	2.06	2.24	91.96
	Ant1	5825	2.08	2.28	91.23
	Ant2	5825	2.08	2.26	92.04
11N20SISO	Ant1	5180	1.92	2.16	88.89
	Ant2	5180	1.92	2.16	88.89
	Ant1	5220	1.92	2.16	88.89
	Ant2	5220	1.92	2.14	89.72
	Ant1	5240	1.94	2.14	90.65
	Ant2	5240	1.92	2.12	90.57
	Ant1	5745	1.94	2.16	89.81
	Ant2	5745	1.92	2.16	88.89
	Ant1	5785	1.92	2.14	89.72
	Ant2	5785	1.92	2.14	89.72
	Ant1	5825	1.92	2.12	90.57
	Ant2	5825	1.94	2.14	90.65
11N40SISO	Ant1	5190	0.96	1.16	82.76
	Ant2	5190	0.96	1.18	81.36
	Ant1	5230	0.96	1.18	81.36
	Ant2	5230	0.94	1.16	81.03
	Ant1	5755	0.94	1.16	81.03
	Ant2	5755	0.94	1.18	79.66
	Ant1	5795	0.96	1.18	81.36
	Ant2	5795	0.94	1.18	79.66
11AC20SISO	Ant1	5180	1.94	2.20	88.18
	Ant2	5180	1.94	2.10	92.38

	Ant1	5220	1.94	2.18	88.99
	Ant2	5220	1.92	2.16	88.89
	Ant1	5240	1.94	2.12	91.51
	Ant2	5240	1.94	2.20	88.18
	Ant1	5745	1.92	2.10	91.43
	Ant2	5745	1.94	2.18	88.99
	Ant1	5785	1.94	2.10	92.38
	Ant2	5785	1.94	2.14	90.65
	Ant1	5825	1.94	2.18	88.99
	Ant2	5825	1.94	2.14	90.65
11AC40SISO	Ant1	5190	0.96	1.22	78.69
	Ant2	5190	0.96	1.22	78.69
	Ant1	5230	0.94	1.20	78.33
	Ant2	5230	0.94	1.20	78.33
	Ant1	5755	0.94	1.18	79.66
	Ant2	5755	0.96	1.16	82.76
	Ant1	5795	0.96	1.20	80.00
	Ant2	5795	0.94	1.20	78.33
11AC80SISO	Ant1	5210	0.46	0.70	65.71
	Ant2	5210	0.46	0.66	69.70
	Ant1	5775	0.46	0.70	65.71
	Ant2	5775	0.46	0.72	63.89

Test Graphs



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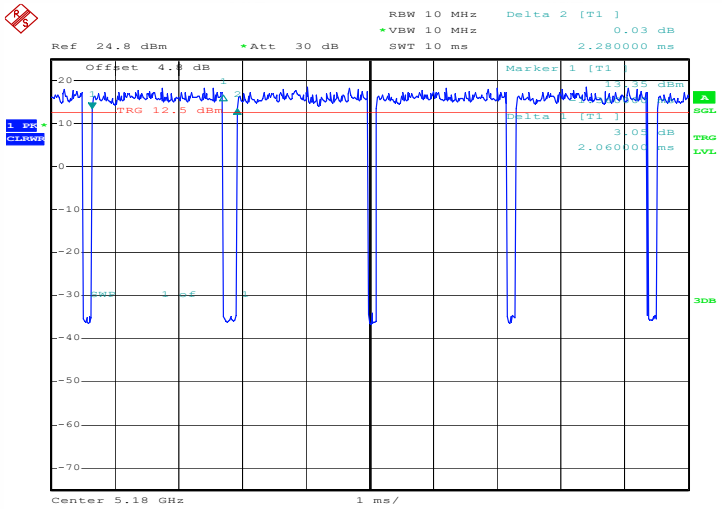

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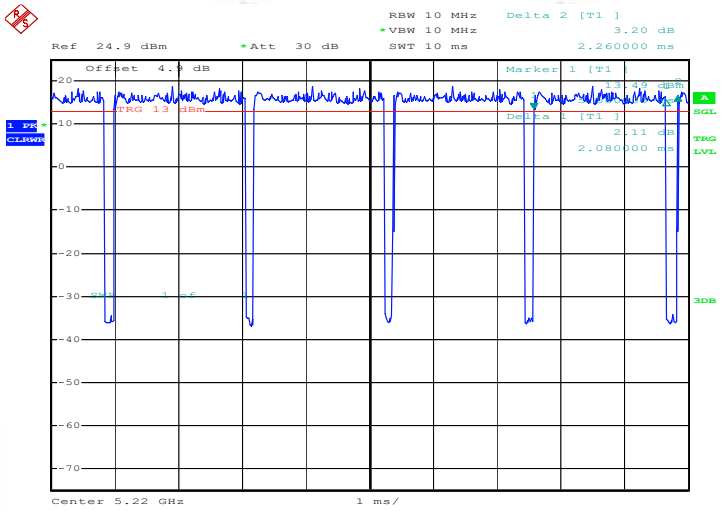

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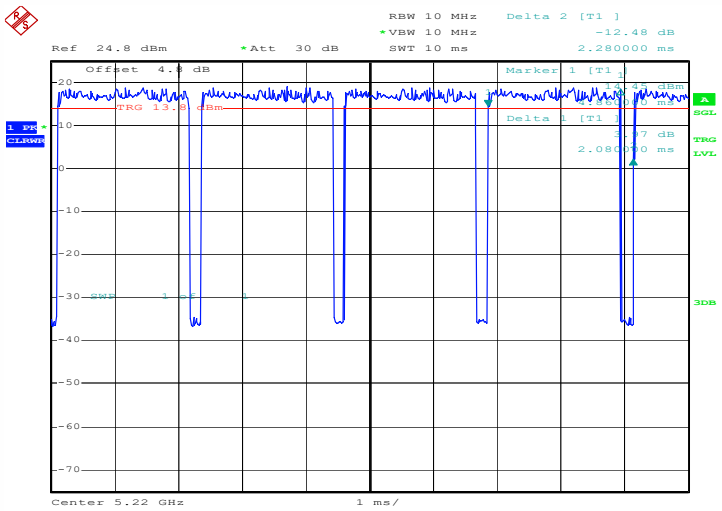

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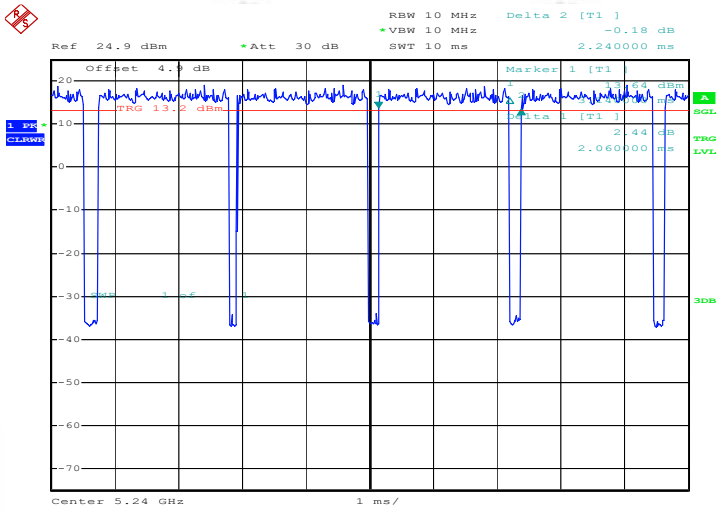

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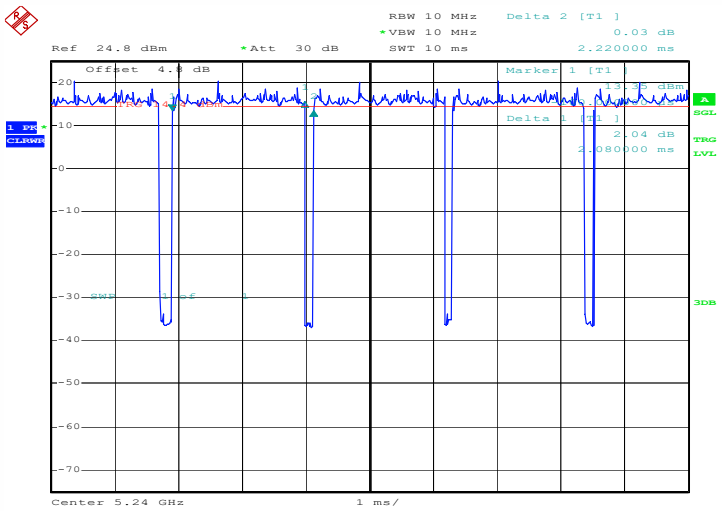

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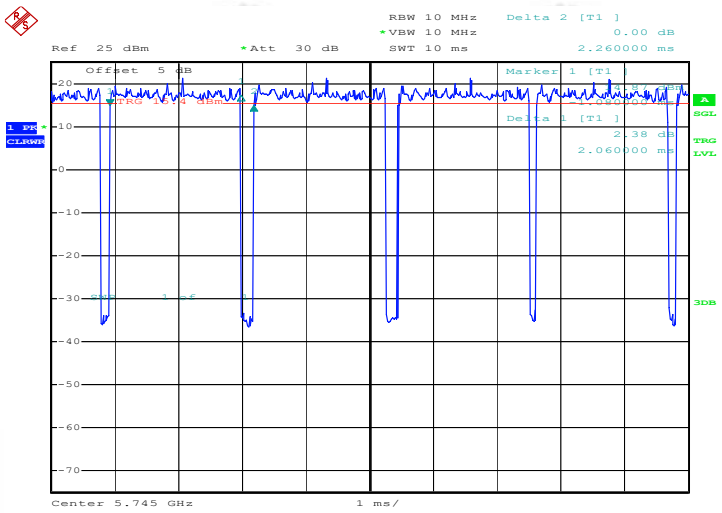

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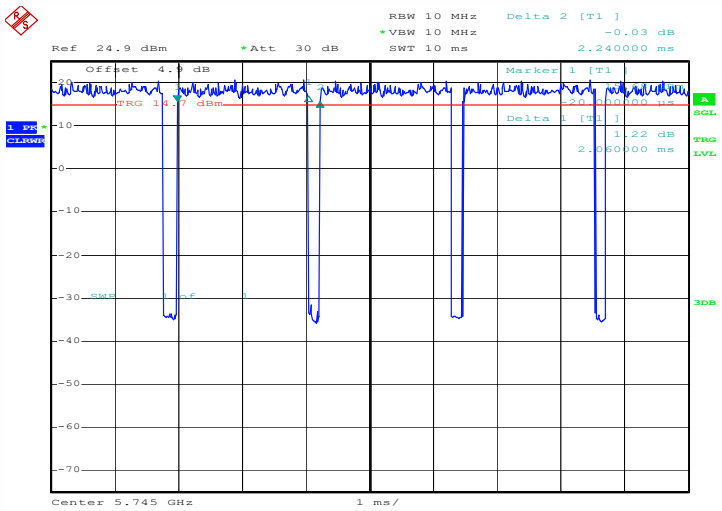

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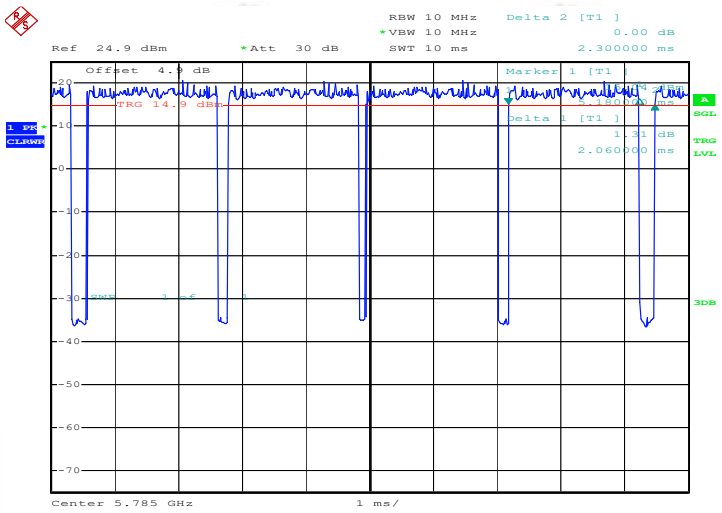

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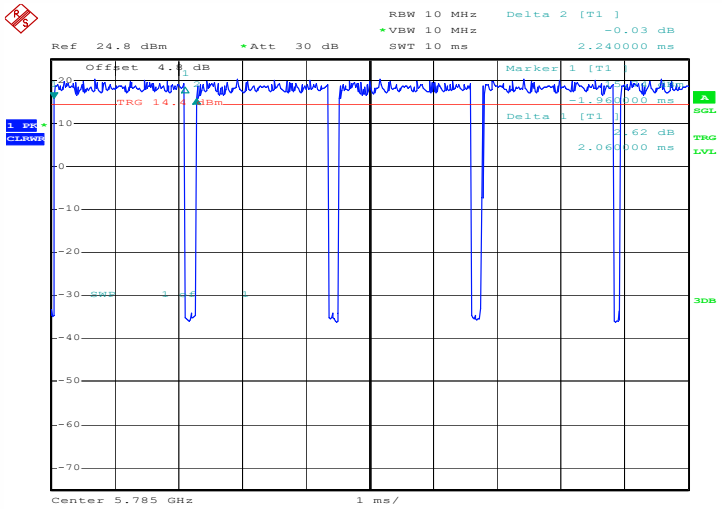

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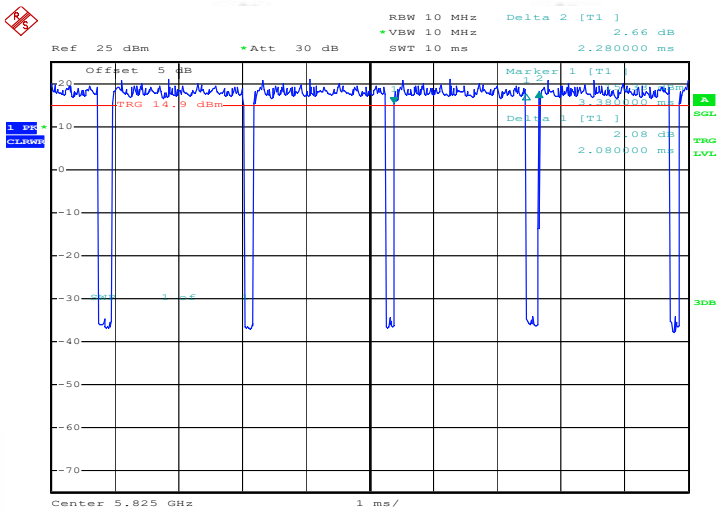

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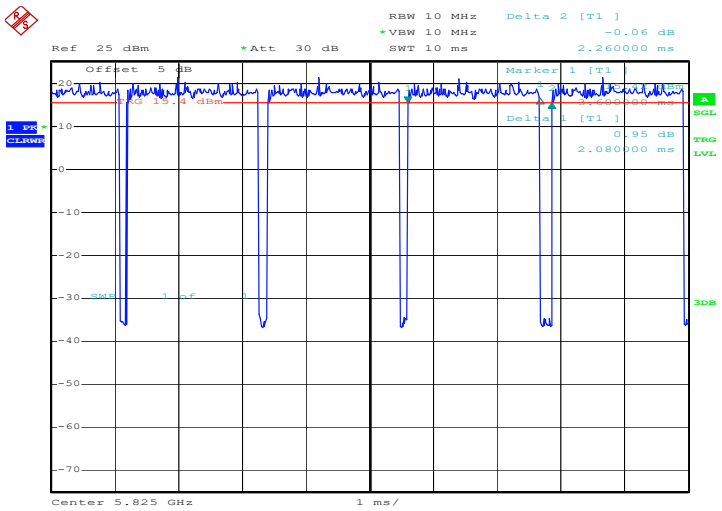

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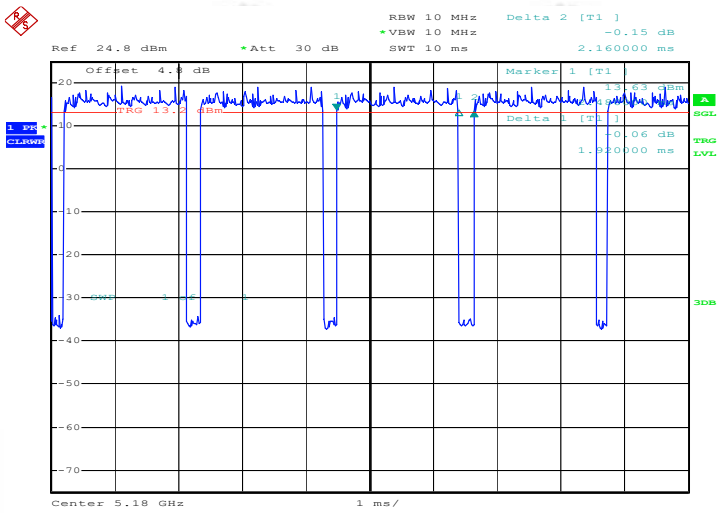

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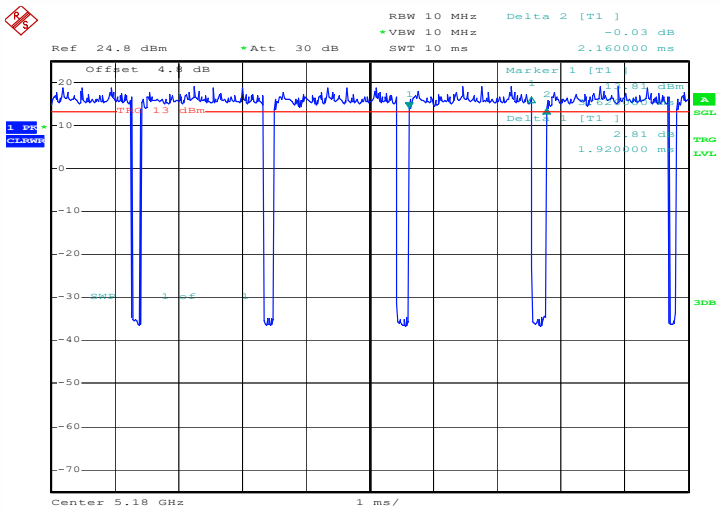

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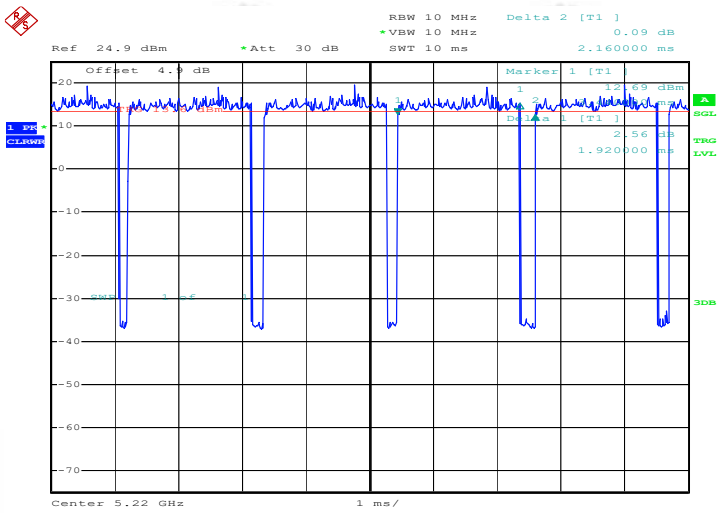

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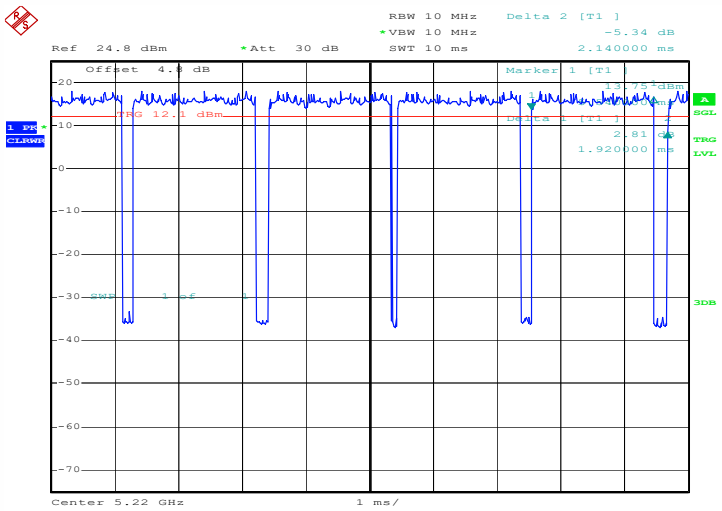

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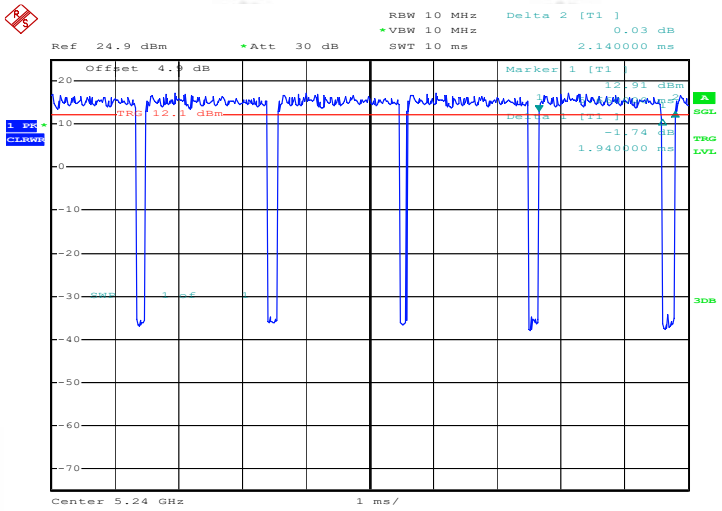

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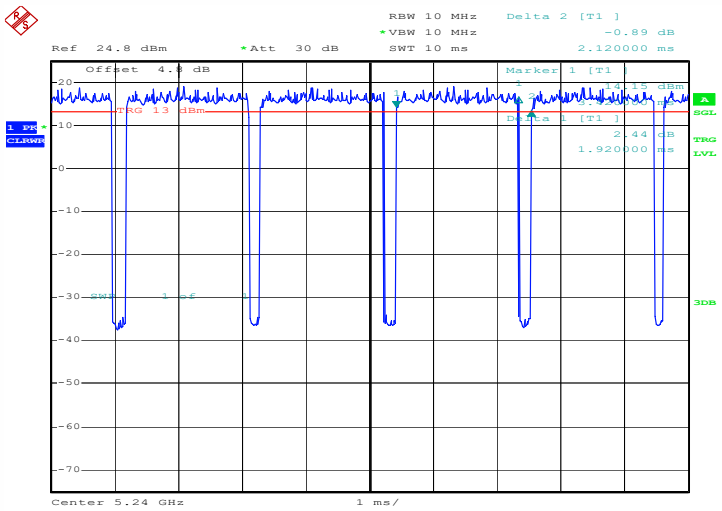

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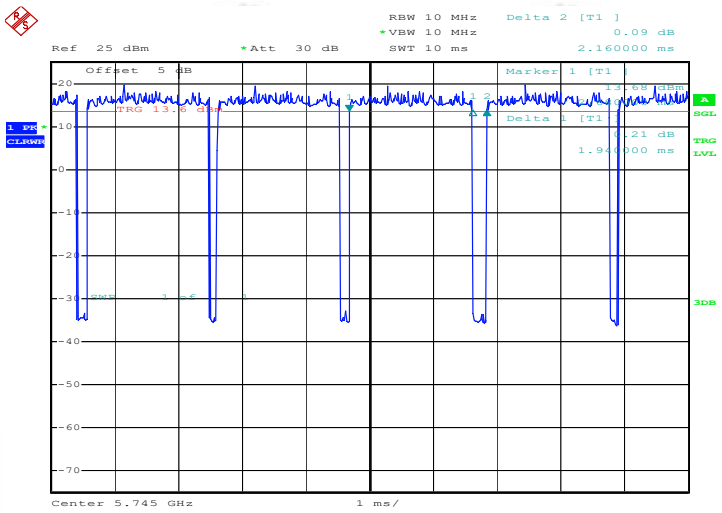

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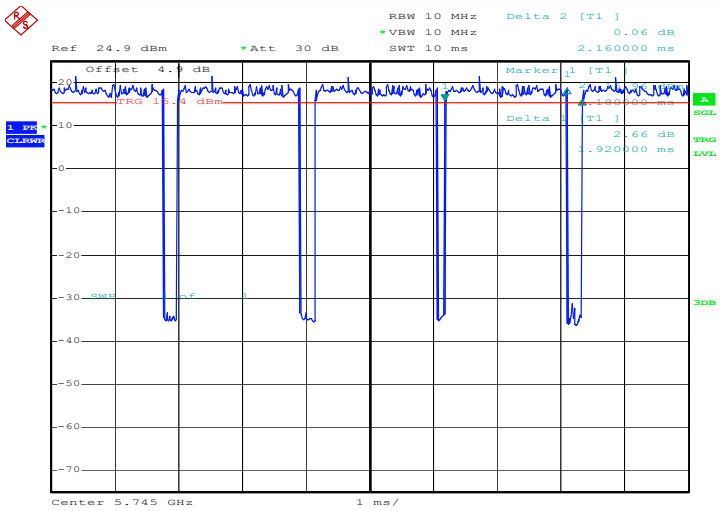

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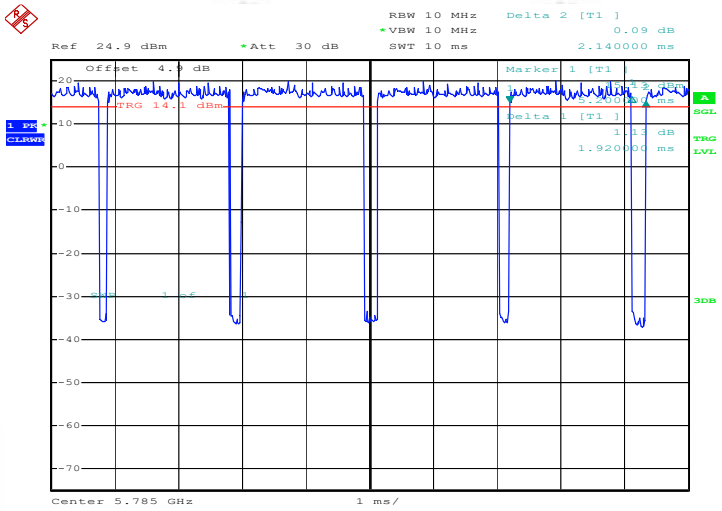
11N20SISO_Ant2_5745



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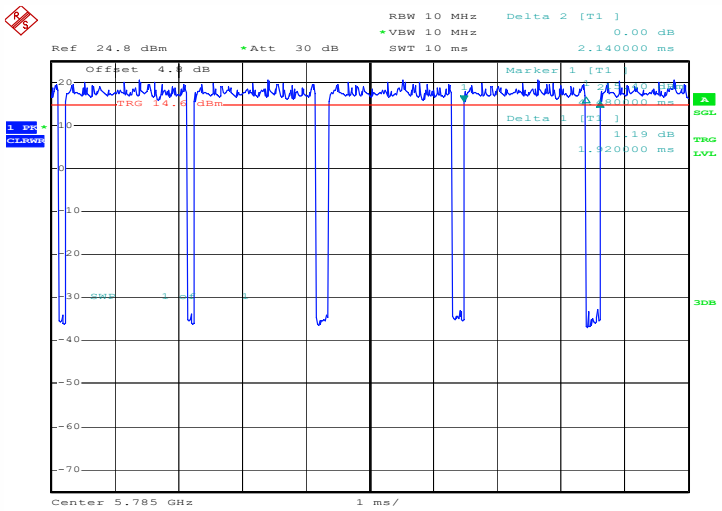
11N20SISO_Ant1_5785



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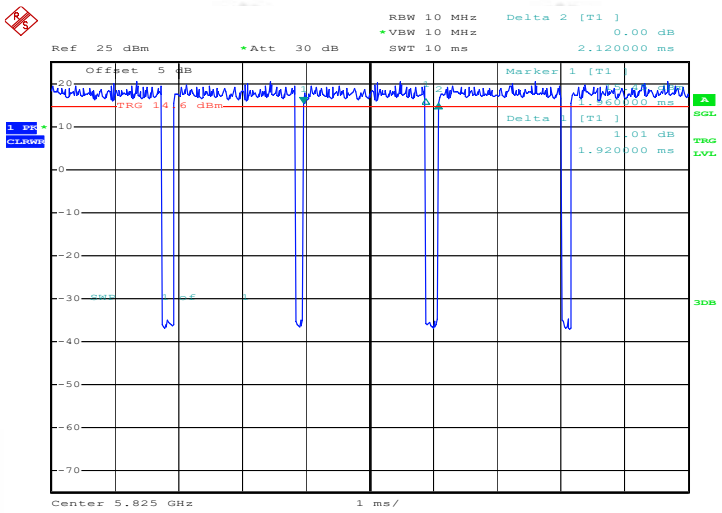
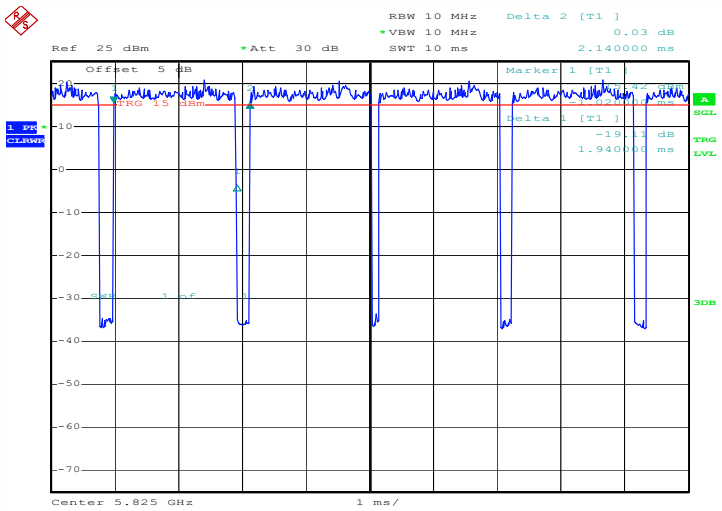
11N20SISO_Ant2_5785



Date: 16.AUG.2022 18:48:44

11N20SISO_Ant1_5825



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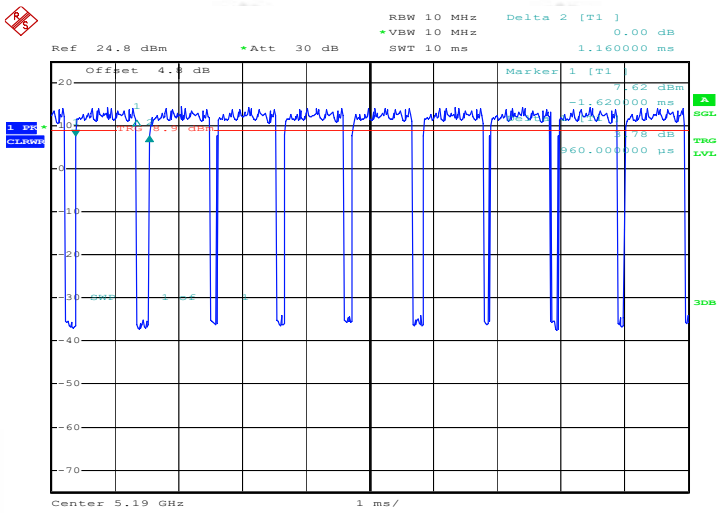
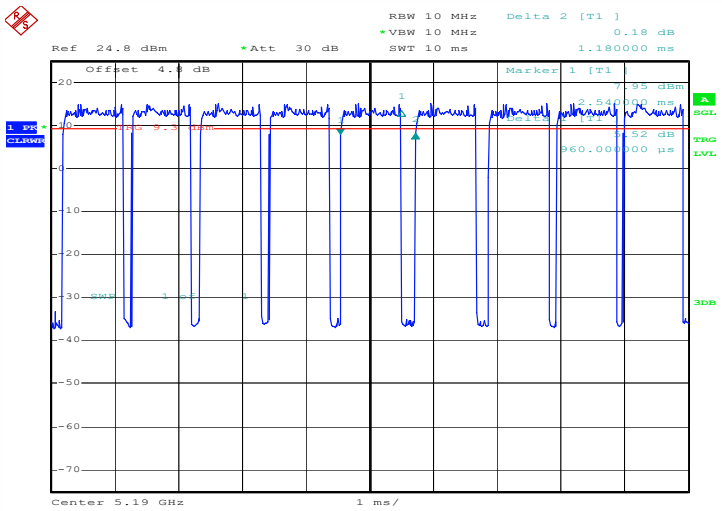
11N20SISO_Ant2_5825



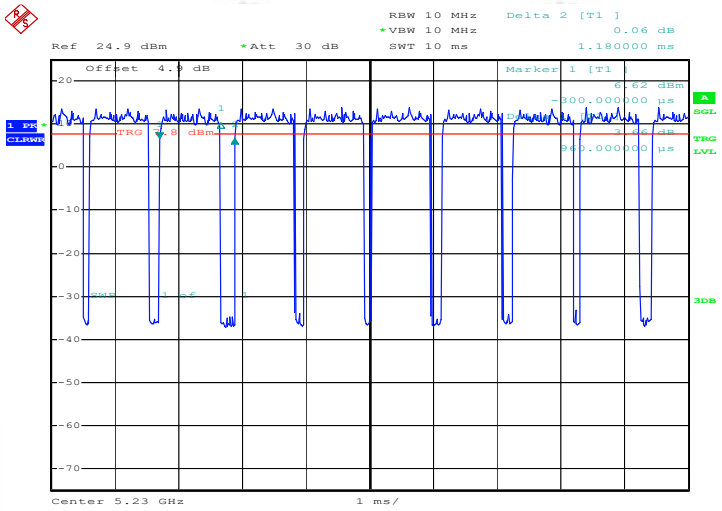
Date: 16.AUG.2022 18:53:51

11N40SISO_Ant1_5190



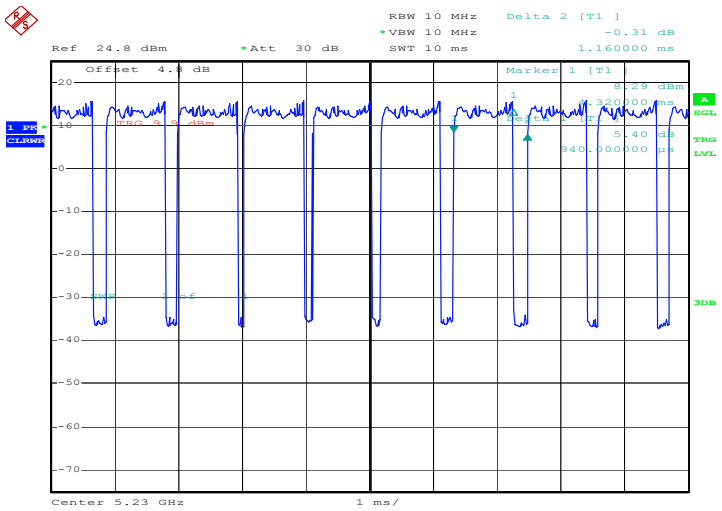
Date: 17.AUG.2022 11:54:20

11N40SISO_Ant2_5190



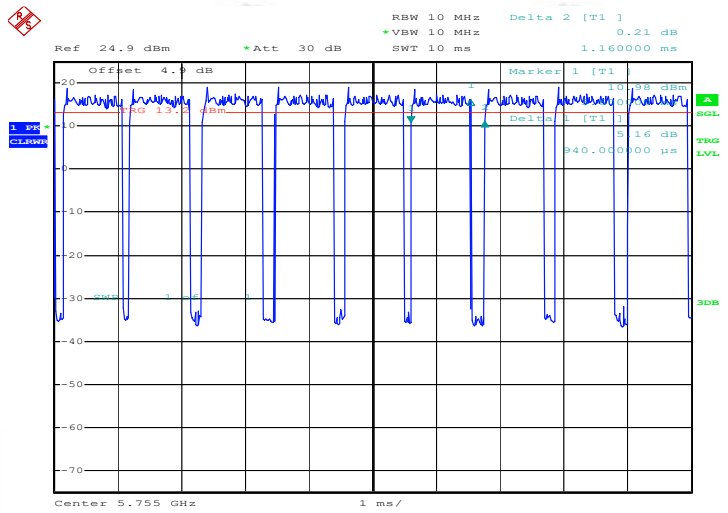
Date: 16.AUG.2022 18:59:56

11N40SISO_Ant1_5230



Date: 17.AUG.2022 12:00:08

11N40SISO_Ant2_5230



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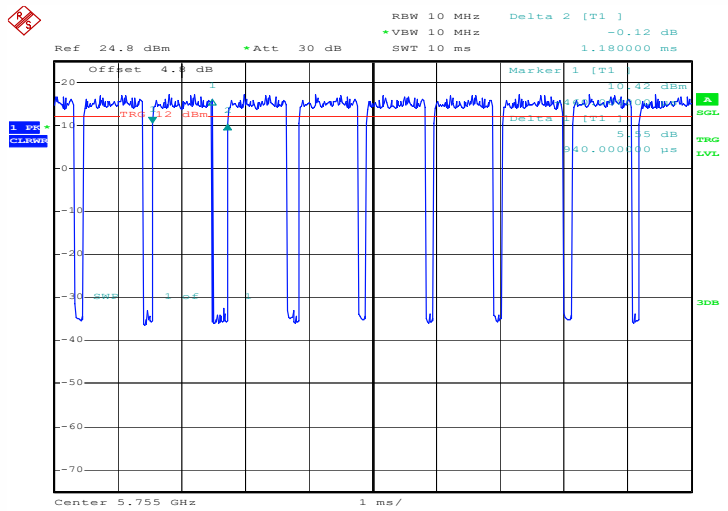

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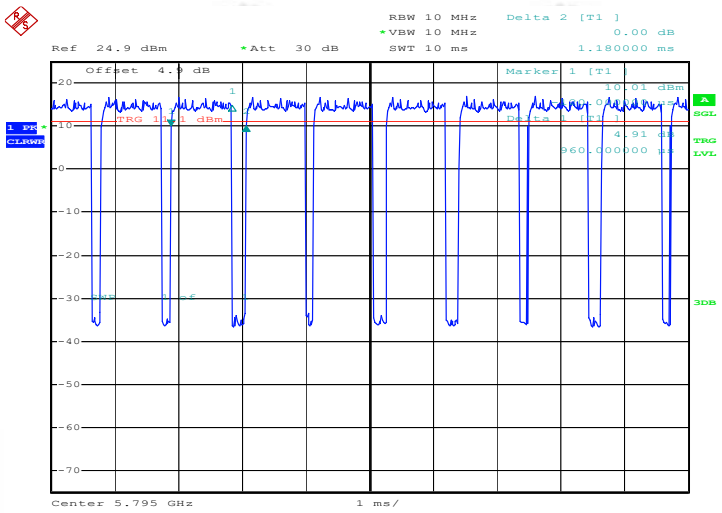

Date: 16.AUG.2022 20:32:46

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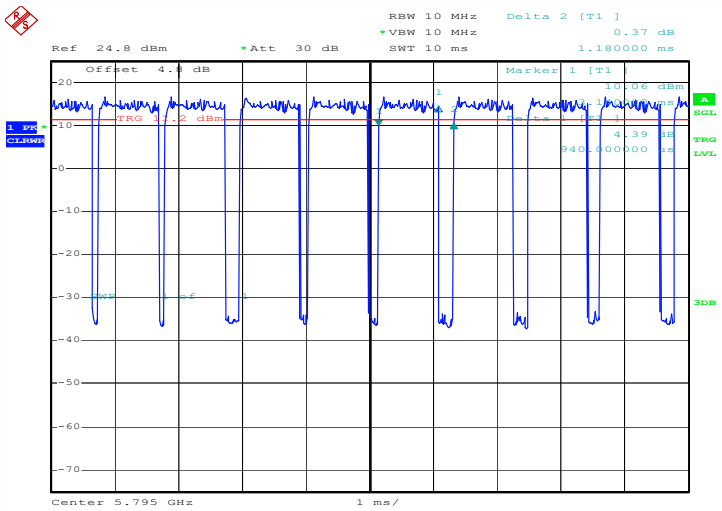

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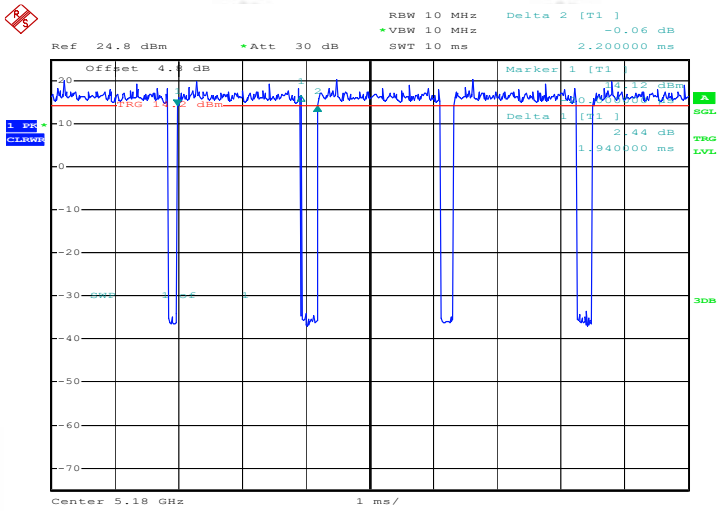
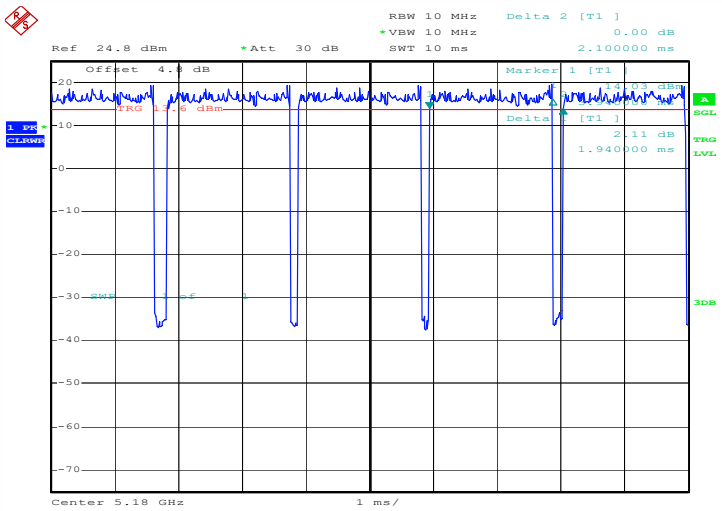
11N40SISO_Ant2_5795



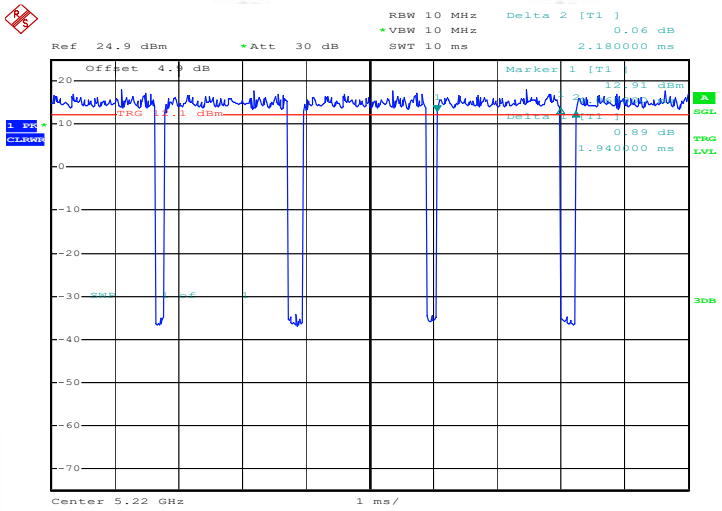
Date: 16.AUG.2022 20:37:37

11AC20SISO_Ant1_5180



Date: 17.AUG.2022 12:46:53

11AC20SISO_Ant2_5180



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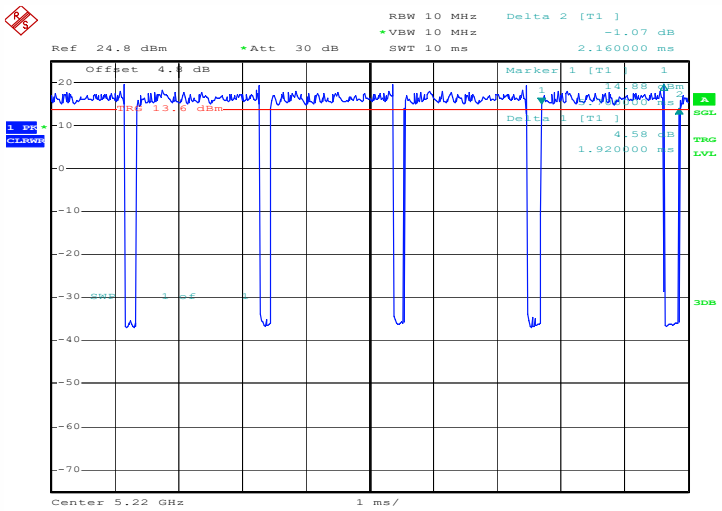
11AC20SISO_Ant1_5220



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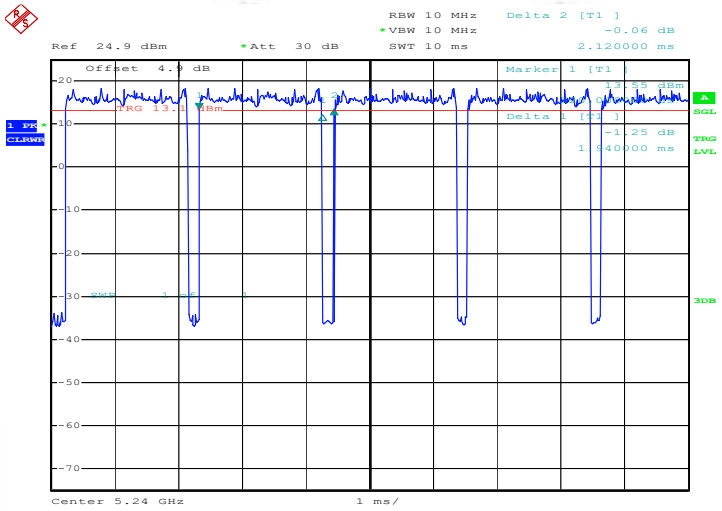
11AC20SISO_Ant2_5220



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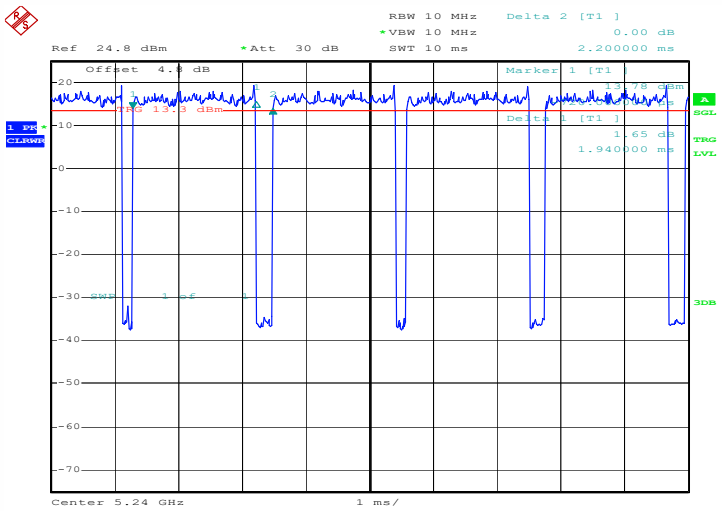

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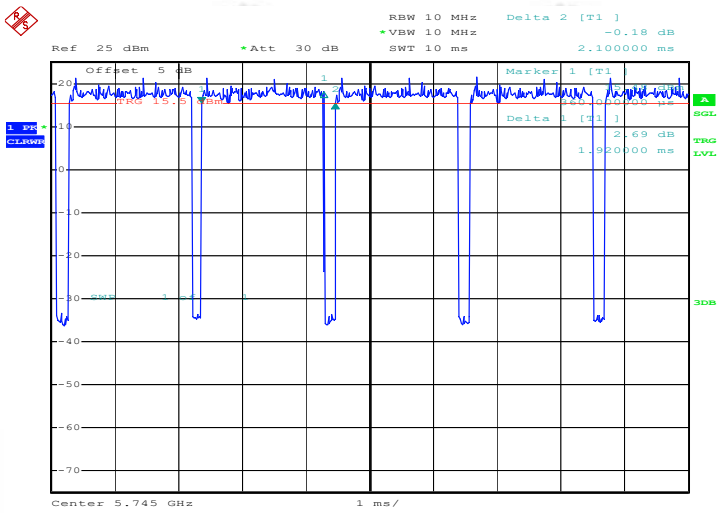

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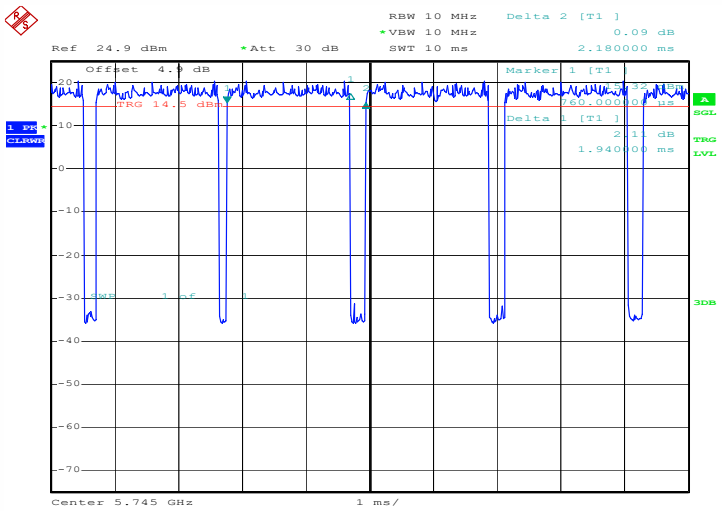

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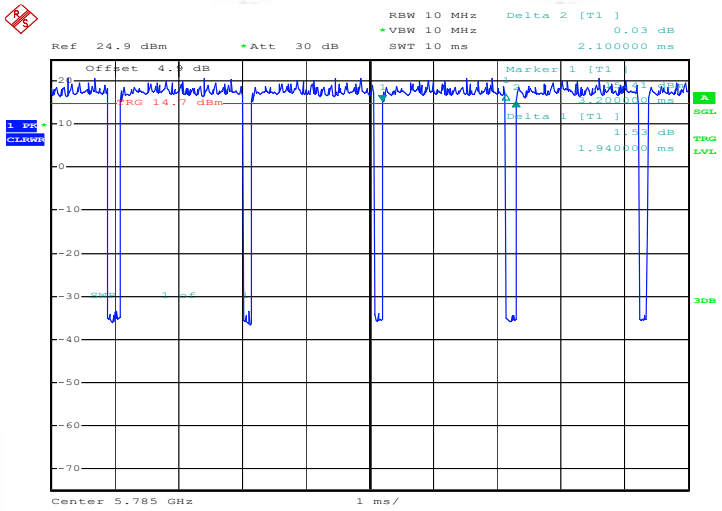

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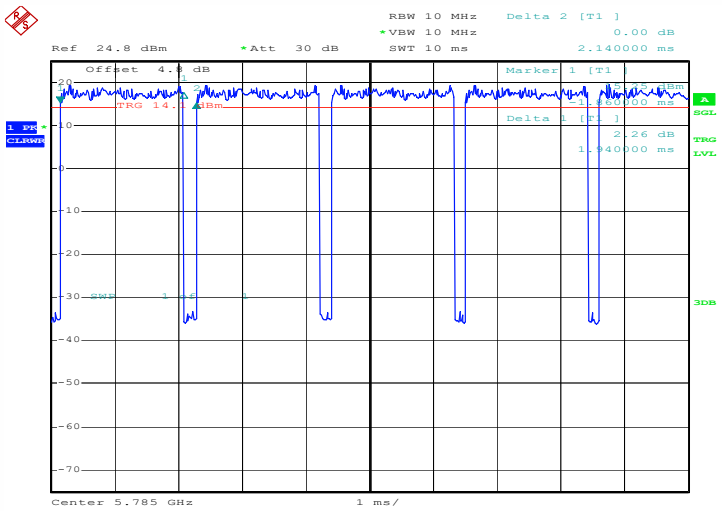

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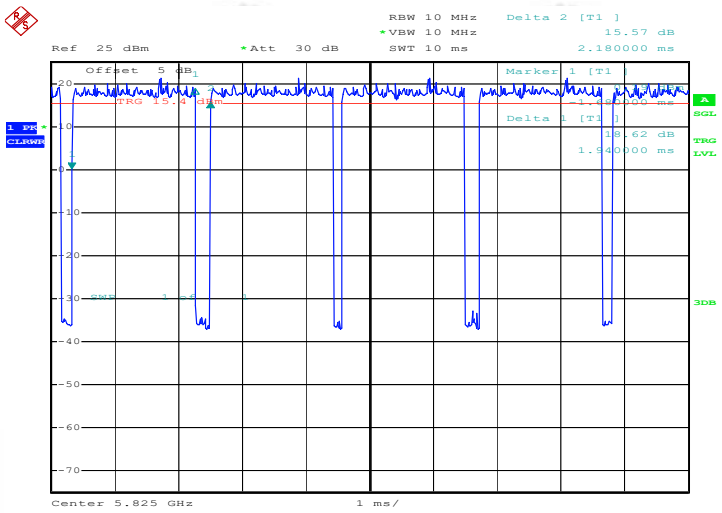

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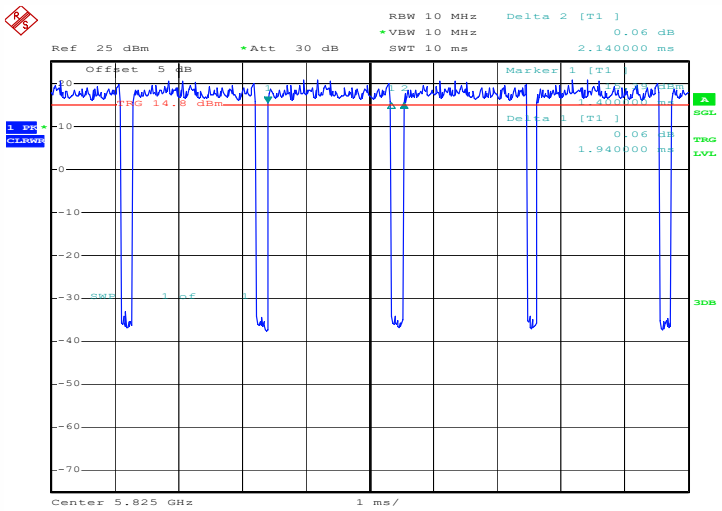
11AC20SISO_Ant1_5825



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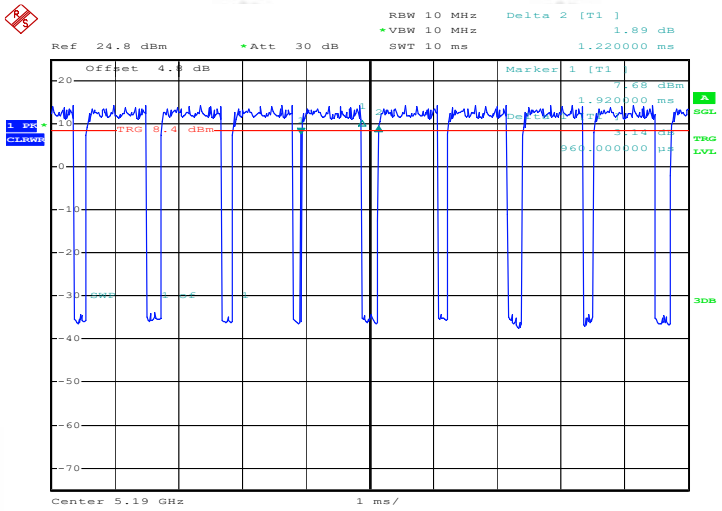

Date: 17.AUG.2022 23:32:23

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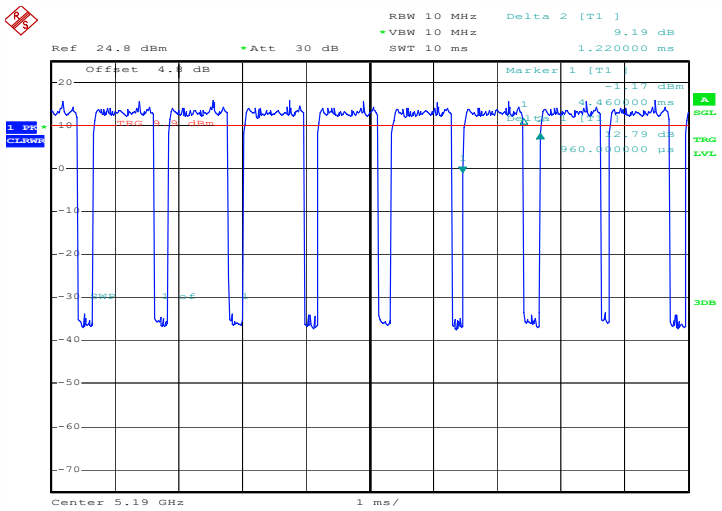
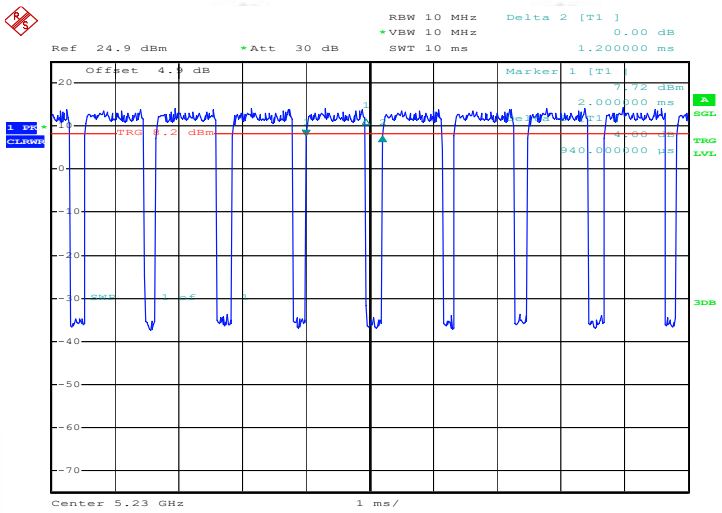


Date: 17.AUG.2022 15:00:40

11AC40SISO_Ant2_5190



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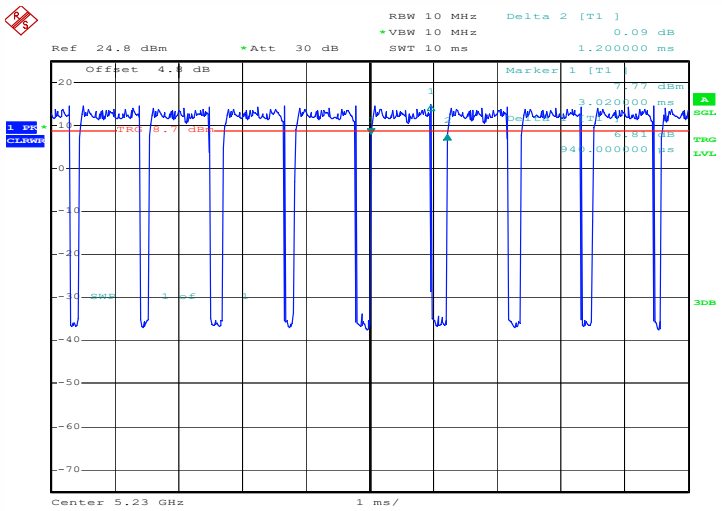
11AC40SISO_Ant1_5230



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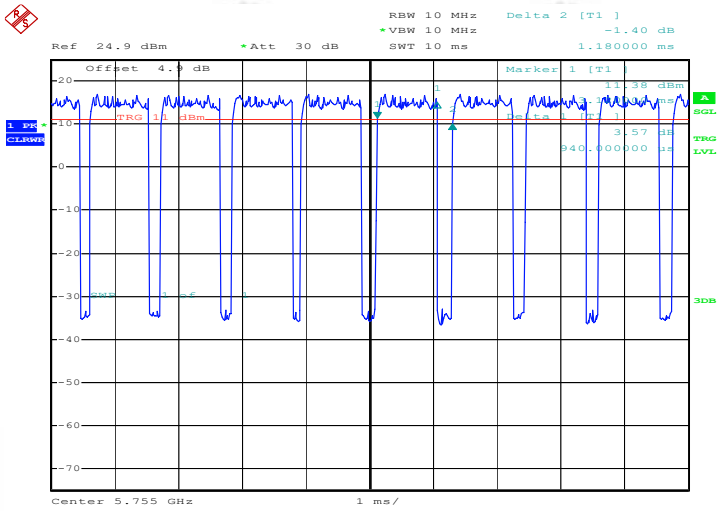

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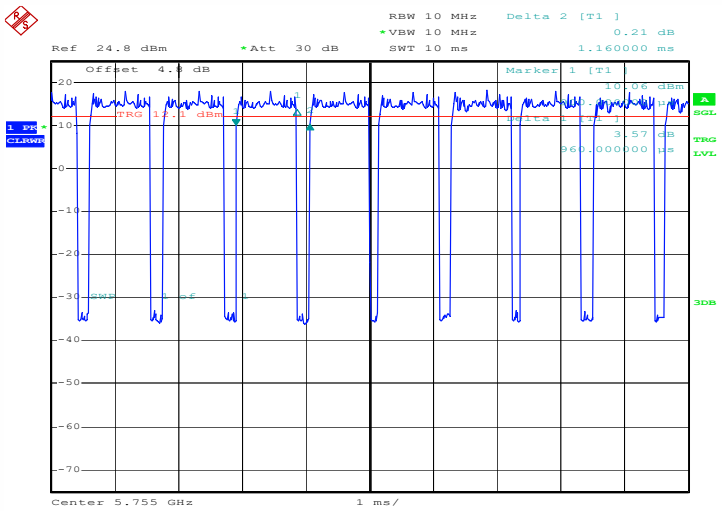

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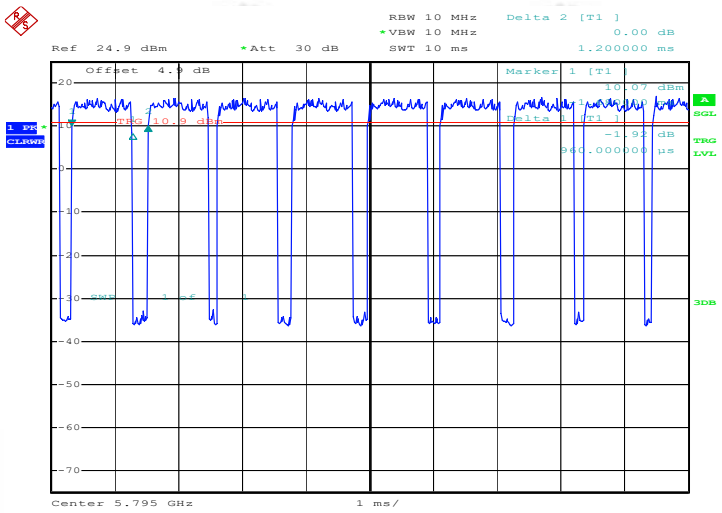

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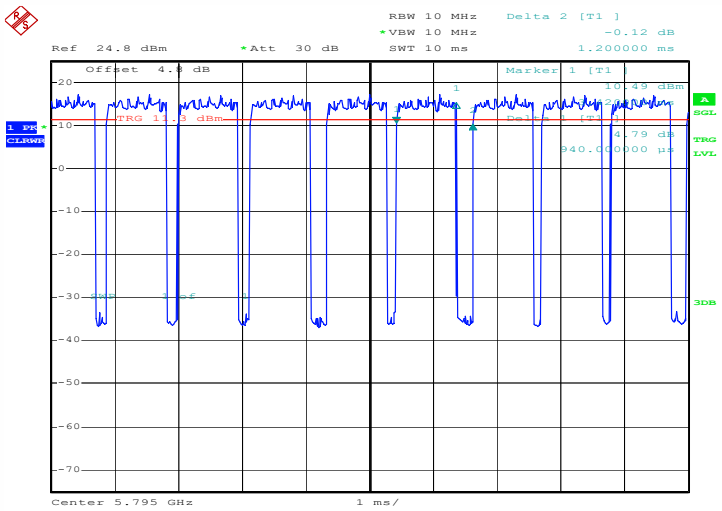

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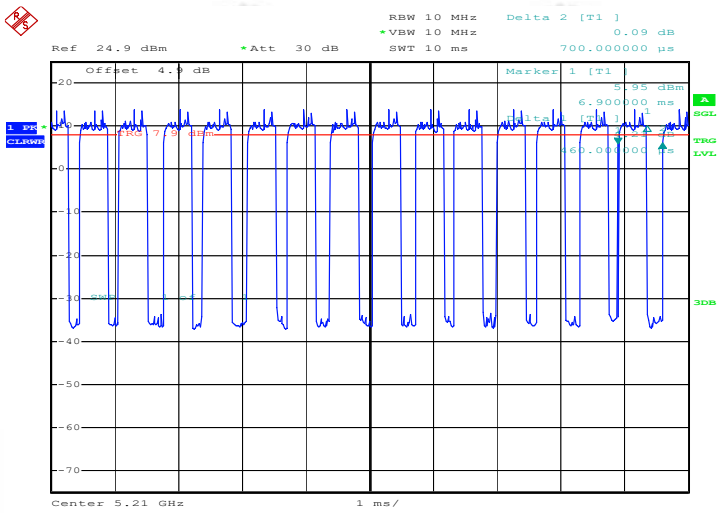

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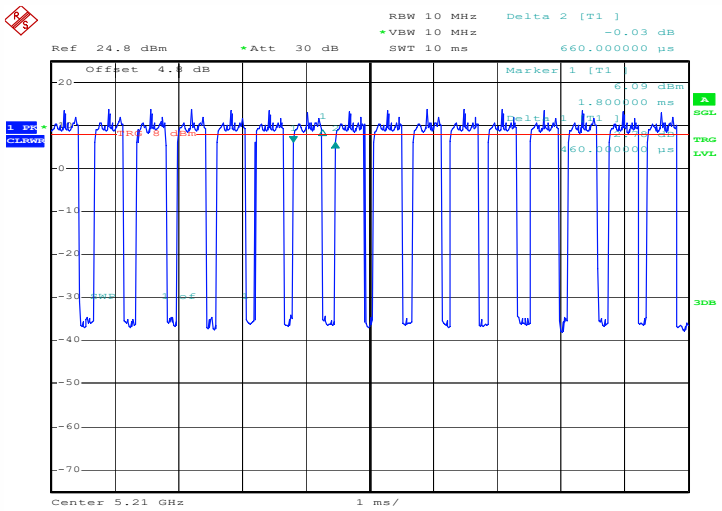
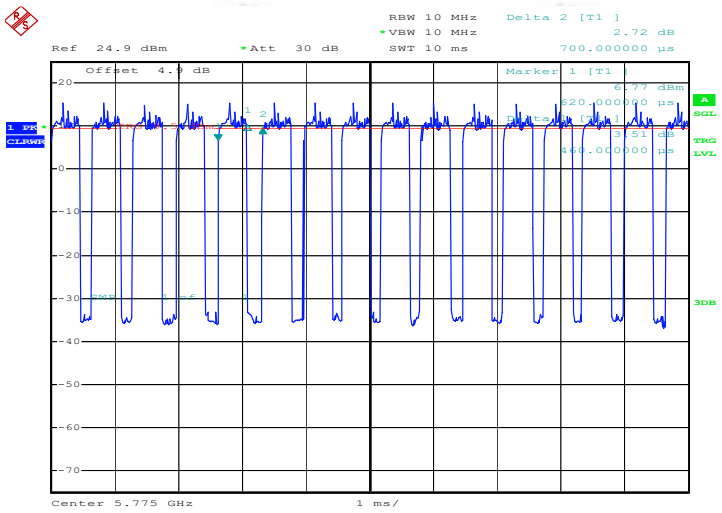
11AC80SISO_Ant1_5210



Date: 17.AUG.2022 15:28:10

11AC80SISO_Ant2_5210



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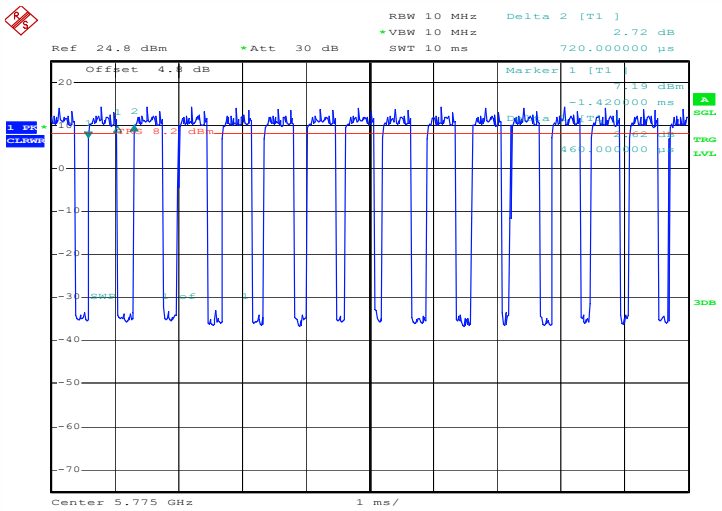


Date: 17.AUG.2022 15:55:06

11AC80SISO_Ant2_5775

Appendix E: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	---	12.43	91.15	0.40	12.83	≤23.98	3.00	15.83	---	PASS
	Ant2	5180	---	11.87	90.35	0.44	12.31	≤23.98	3.00	15.31	---	PASS
	Ant1	5220	---	11.87	92.04	0.36	12.23	≤23.98	3.00	15.23	---	PASS
	Ant2	5220	---	12.64	91.23	0.40	13.04	≤23.98	3.00	16.04	---	PASS
	Ant1	5240	---	12.06	91.96	0.36	12.42	≤23.98	3.00	15.42	---	PASS
	Ant2	5240	---	11.83	93.69	0.28	12.11	≤23.98	3.00	15.11	---	PASS
	Ant1	5745	---	13.63	91.15	0.40	14.03	≤30.00	3.00	17.03	---	PASS
	Ant2	5745	---	14.20	91.96	0.36	14.56	≤30.00	3.00	17.56	---	PASS
	Ant1	5785	---	14.00	89.57	0.48	14.48	≤30.00	3.00	17.48	---	PASS
	Ant2	5785	---	14.49	91.96	0.36	14.85	≤30.00	3.00	17.85	---	PASS
	Ant1	5825	---	14.21	91.23	0.40	14.61	≤30.00	3.00	17.61	---	PASS
	Ant2	5825	---	14.30	92.04	0.36	14.66	≤30.00	3.00	17.66	---	PASS
11N20SISO	Ant1	5180	---	11.81	88.89	0.51	12.32	≤23.98	3.00	15.32	---	PASS
	Ant2	5180	---	11.95	88.89	0.51	12.46	≤23.98	3.00	15.46	---	PASS
	Ant1	5220	---	11.13	88.89	0.51	11.64	≤23.98	3.00	14.64	---	PASS
	Ant2	5220	---	12.00	89.72	0.47	12.47	≤23.98	3.00	15.47	---	PASS
	Ant1	5240	---	11.85	90.65	0.43	12.28	≤23.98	3.00	15.28	---	PASS
	Ant2	5240	---	12.56	90.57	0.43	12.99	≤23.98	3.00	15.99	---	PASS
	Ant1	5745	---	13.62	89.81	0.47	14.09	≤30.00	3.00	17.09	---	PASS
	Ant2	5745	---	14.45	88.89	0.51	14.96	≤30.00	3.00	17.96	---	PASS
	Ant1	5785	---	14.00	89.72	0.47	14.47	≤30.00	3.00	17.47	---	PASS
	Ant2	5785	---	14.14	89.72	0.47	14.61	≤30.00	3.00	17.61	---	PASS
	Ant1	5825	---	14.18	90.57	0.43	14.61	≤30.00	3.00	17.61	---	PASS
	Ant2	5825	---	14.03	90.65	0.43	14.46	≤30.00	3.00	17.46	---	PASS
11N40SISO	Ant1	5190	---	11.23	82.76	0.82	12.05	≤23.98	3.00	15.05	---	PASS
	Ant2	5190	---	11.50	81.36	0.90	12.40	≤23.98	3.00	15.40	---	PASS
	Ant1	5230	---	11.52	81.36	0.90	12.42	≤23.98	3.00	15.42	---	PASS
	Ant2	5230	---	11.91	81.03	0.91	12.82	≤23.98	3.00	15.82	---	PASS
	Ant1	5755	---	13.58	81.03	0.91	14.49	≤30.00	3.00	17.49	---	PASS
	Ant2	5755	---	13.89	79.66	0.99	14.88	≤30.00	3.00	17.88	---	PASS
	Ant1	5795	---	13.53	81.36	0.90	14.43	≤30.00	3.00	17.43	---	PASS
	Ant2	5795	---	13.73	79.66	0.99	14.72	≤30.00	3.00	17.72	---	PASS
11AC20S	Ant1	5180	---	11.85	88.18	0.55	12.40	≤23.98	3.00	15.40	---	PASS

ISO	Ant2	5180	---	12.19	92.38	0.34	12.53	≤23.98	3.00	15.53	---	PASS
	Ant1	5220	---	11.69	88.99	0.51	12.20	≤23.98	3.00	15.20	---	PASS
	Ant2	5220	---	12.09	88.89	0.51	12.60	≤23.98	3.00	15.60	---	PASS
	Ant1	5240	---	11.82	91.51	0.39	12.21	≤23.98	3.00	15.21	---	PASS
	Ant2	5240	---	12.16	88.18	0.55	12.71	≤23.98	3.00	15.71	---	PASS
	Ant1	5745	---	13.89	91.43	0.39	14.28	≤30.00	3.00	17.28	---	PASS
	Ant2	5745	---	13.91	88.99	0.51	14.42	≤30.00	3.00	17.42	---	PASS
	Ant1	5785	---	14.30	92.38	0.34	14.64	≤30.00	3.00	17.64	---	PASS
	Ant2	5785	---	14.01	90.65	0.43	14.44	≤30.00	3.00	17.44	---	PASS
	Ant1	5825	---	14.43	88.99	0.51	14.94	≤30.00	3.00	17.94	---	PASS
	Ant2	5825	---	14.25	90.65	0.43	14.68	≤30.00	3.00	17.68	---	PASS
11AC40S ISO	Ant1	5190	---	11.34	78.69	1.04	12.38	≤23.98	3.00	15.38	---	PASS
	Ant2	5190	---	11.49	78.69	1.04	12.53	≤23.98	3.00	15.53	---	PASS
	Ant1	5230	---	11.16	78.33	1.06	12.22	≤23.98	3.00	15.22	---	PASS
	Ant2	5230	---	11.13	78.33	1.06	12.19	≤23.98	3.00	15.19	---	PASS
	Ant1	5755	---	13.49	79.66	0.99	14.48	≤30.00	3.00	17.48	---	PASS
	Ant2	5755	---	13.62	82.76	0.82	14.44	≤30.00	3.00	17.44	---	PASS
	Ant1	5795	---	13.62	80.00	0.97	14.59	≤30.00	3.00	17.59	---	PASS
	Ant2	5795	---	13.88	78.33	1.06	14.94	≤30.00	3.00	17.94	---	PASS
11AC80S ISO	Ant1	5210	---	11.06	65.71	1.82	12.88	≤23.98	3.00	15.88	---	PASS
	Ant2	5210	---	10.95	69.70	1.57	12.52	≤23.98	3.00	15.52	---	PASS
	Ant1	5775	---	12.35	65.71	1.82	14.17	≤30.00	3.00	17.17	---	PASS
	Ant2	5775	---	12.56	63.89	1.95	14.51	≤30.00	3.00	17.51	---	PASS
11N20MIMO	Ant1	5180	---	11.77	91.43	0.39	12.16	≤23.98	3.00	15.16	---	PASS
	Ant2	5180	---	12.09	89.81	0.47	12.56	≤23.98	3.00	15.56	---	PASS
	total	5180	---	---	---	---	15.37	≤23.98	---	18.37	---	PASS
	Ant1	5220	---	11.84	90.57	0.43	12.27	≤23.98	3.00	15.27	---	PASS
	Ant2	5220	---	12.42	90.57	0.43	12.85	≤23.98	3.00	15.85	---	PASS
	total	5220	---	---	---	---	15.58	≤23.98	---	18.58	---	PASS
	Ant1	5240	---	11.88	92.31	0.35	12.23	≤23.98	3.00	15.23	---	PASS
	Ant2	5240	---	11.81	88.89	0.51	12.32	≤23.98	3.00	15.32	---	PASS
	total	5240	---	---	---	---	15.29	≤23.98	---	18.29	---	PASS
	Ant1	5745	---	14.21	89.72	0.47	14.68	≤30.00	3.00	17.68	---	PASS
	Ant2	5745	---	13.92	90.57	0.43	14.35	≤30.00	3.00	17.35	---	PASS
	total	5745	---	---	---	---	17.53	≤30.00	---	20.53	---	PASS
	Ant1	5785	---	14.28	89.72	0.47	14.75	≤30.00	3.00	17.75	---	PASS
	Ant2	5785	---	13.81	89.81	0.47	14.28	≤30.00	3.00	17.28	---	PASS
	total	5785	---	---	---	---	17.53	≤30.00	---	20.53	---	PASS
	Ant1	5825	---	13.85	91.51	0.39	14.24	≤30.00	3.00	17.24	---	PASS
	Ant2	5825	---	13.63	90.57	0.43	14.06	≤30.00	3.00	17.06	---	PASS

	total	5825	---	---	---	---	17.16	≤30.00	---	20.16	---	PASS
11N40MIMO	Ant1	5190	---	11.27	81.03	0.91	12.18	≤23.98	3.00	15.18	---	PASS
	Ant2	5190	---	11.87	82.46	0.84	12.71	≤23.98	3.00	15.71	---	PASS
	total	5190	---	---	---	---	15.46	≤23.98	---	18.46	---	PASS
	Ant1	5230	---	11.93	81.36	0.90	12.83	≤23.98	3.00	15.83	---	PASS
	Ant2	5230	---	11.67	82.76	0.82	12.49	≤23.98	3.00	15.49	---	PASS
	total	5230	---	---	---	---	15.67	≤23.98	---	18.67	---	PASS
	Ant1	5755	---	13.18	81.03	0.91	14.09	≤30.00	3.00	17.09	---	PASS
	Ant2	5755	---	13.94	82.46	0.84	14.78	≤30.00	3.00	17.78	---	PASS
	total	5755	---	---	---	---	17.46	≤30.00	---	20.46	---	PASS
	Ant1	5795	---	13.58	81.03	0.91	14.49	≤30.00	3.00	17.49	---	PASS
	Ant2	5795	---	13.57	79.66	0.99	14.56	≤30.00	3.00	17.56	---	PASS
	total	5795	---	---	---	---	17.54	≤30.00	---	20.54	---	PASS
11AC20MIMO	Ant1	5180	---	12.19	88.99	0.51	12.70	≤23.98	3.00	15.70	---	PASS
	Ant2	5180	---	12.38	88.18	0.55	12.93	≤23.98	3.00	15.93	---	PASS
	total	5180	---	---	---	---	15.83	≤23.98	---	18.83	---	PASS
	Ant1	5220	---	12.38	88.99	0.51	12.89	≤23.98	3.00	15.89	---	PASS
	Ant2	5220	---	11.85	90.65	0.43	12.28	≤23.98	3.00	15.28	---	PASS
	total	5220	---	---	---	---	15.61	≤23.98	---	18.61	---	PASS
	Ant1	5240	---	11.88	88.18	0.55	12.43	≤23.98	3.00	15.43	---	PASS
	Ant2	5240	---	12.22	88.18	0.55	12.77	≤23.98	3.00	15.77	---	PASS
	total	5240	---	---	---	---	15.61	≤23.98	---	18.61	---	PASS
	Ant1	5745	---	13.98	88.99	0.51	14.49	≤30.00	3.00	17.49	---	PASS
	Ant2	5745	---	14.23	86.61	0.62	14.85	≤30.00	3.00	17.85	---	PASS
	total	5745	---	---	---	---	17.68	≤30.00	---	20.68	---	PASS
	Ant1	5785	---	14.20	88.89	0.51	14.71	≤30.00	3.00	17.71	---	PASS
	Ant2	5785	---	13.95	88.99	0.51	14.46	≤30.00	3.00	17.46	---	PASS
	total	5785	---	---	---	---	17.60	≤30.00	---	20.60	---	PASS
	Ant1	5825	---	14.43	91.51	0.39	14.82	≤30.00	3.00	17.82	---	PASS
	Ant2	5825	---	14.37	89.72	0.47	14.84	≤30.00	3.00	17.84	---	PASS
	total	5825	---	---	---	---	**17.84**	≤30.00	---	**20.84**	---	PASS
11AC40MIMO	Ant1	5190	---	11.26	78.69	1.04	12.30	≤23.98	3.00	15.30	---	PASS
	Ant2	5190	---	11.50	78.69	1.04	12.54	≤23.98	3.00	15.54	---	PASS
	total	5190	---	---	---	---	15.43	≤23.98	---	18.43	---	PASS
	Ant1	5230	---	11.39	78.69	1.04	12.43	≤23.98	3.00	15.43	---	PASS
	Ant2	5230	---	11.14	80.00	0.97	12.11	≤23.98	3.00	15.11	---	PASS
	total	5230	---	---	---	---	15.28	≤23.98	---	18.28	---	PASS
	Ant1	5755	---	13.50	78.33	1.06	14.56	≤30.00	3.00	17.56	---	PASS
	Ant2	5755	---	13.64	81.36	0.90	14.54	≤30.00	3.00	17.54	---	PASS
	total	5755	---	---	---	---	17.56	≤30.00	---	20.56	---	PASS

	Ant1	5795	---	13.82	78.69	1.04	14.86	≤30.00	3.00	17.86	---	PASS
	Ant2	5795	---	13.14	78.33	1.06	14.20	≤30.00	3.00	17.20	---	PASS
	total	5795	---	---	---	---	17.55	≤30.00	---	20.55	---	PASS
11AC80M IMO	Ant1	5210	---	10.47	66.67	1.76	12.23	≤23.98	3.00	15.23	---	PASS
	Ant2	5210	---	10.57	63.89	1.95	12.52	≤23.98	3.00	15.52	---	PASS
	total	5210	---	---	---	---	15.39	≤23.98	---	18.39	---	PASS
	Ant1	5775	---	12.66	63.89	1.95	14.61	≤30.00	3.00	17.61	---	PASS
	Ant2	5775	---	12.49	63.89	1.95	14.44	≤30.00	3.00	17.44	---	PASS
	total	5775	---	---	---	---	17.54	≤30.00	---	20.54	---	PASS

Note：The Duty Cycle Factor is compensated in the graph.

Appendix F: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.35	≤11.00	PASS
	Ant2	5180	0.93	≤11.00	PASS
	Ant1	5220	0.87	≤11.00	PASS
	Ant2	5220	1.61	≤11.00	PASS
	Ant1	5240	1.01	≤11.00	PASS
	Ant2	5240	0.51	≤11.00	PASS
	Ant1	5745	2.2	≤30.00	PASS
	Ant2	5745	2.77	≤30.00	PASS
	Ant1	5785	2.79	≤30.00	PASS
	Ant2	5785	3.02	≤30.00	PASS
	Ant1	5825	2.84	≤30.00	PASS
	Ant2	5825	2.99	≤30.00	PASS
11N20SISO	Ant1	5180	0.57	≤11.00	PASS
	Ant2	5180	0.81	≤11.00	PASS
	Ant1	5220	0.1	≤11.00	PASS
	Ant2	5220	0.84	≤11.00	PASS
	Ant1	5240	0.62	≤11.00	PASS
	Ant2	5240	1.22	≤11.00	PASS
	Ant1	5745	1.93	≤30.00	PASS
	Ant2	5745	2.94	≤30.00	PASS
	Ant1	5785	2.38	≤30.00	PASS
	Ant2	5785	2.56	≤30.00	PASS
	Ant1	5825	2.6	≤30.00	PASS
	Ant2	5825	2.49	≤30.00	PASS
11N40SISO	Ant1	5190	-2.43	≤11.00	PASS
	Ant2	5190	-2.01	≤11.00	PASS
	Ant1	5230	-2.1	≤11.00	PASS
	Ant2	5230	-1.26	≤11.00	PASS
	Ant1	5755	-0.05	≤30.00	PASS
	Ant2	5755	0.3	≤30.00	PASS
	Ant1	5795	-0.09	≤30.00	PASS
	Ant2	5795	0.14	≤30.00	PASS
11AC20SISO	Ant1	5180	0.77	≤11.00	PASS
	Ant2	5180	1.07	≤11.00	PASS
	Ant1	5220	0.61	≤11.00	PASS

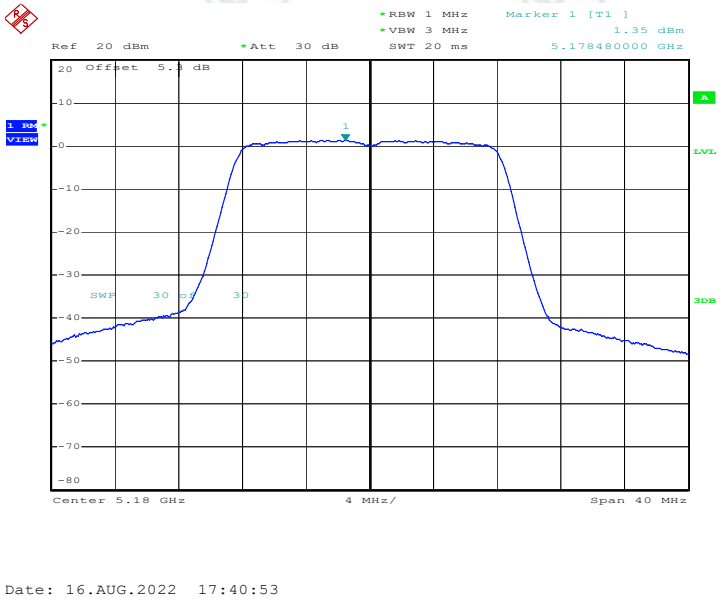
	Ant2	5220	1.04	≤11.00	PASS
	Ant1	5240	0.63	≤11.00	PASS
	Ant2	5240	0.77	≤11.00	PASS
	Ant1	5745	2.29	≤30.00	PASS
	Ant2	5745	2.45	≤30.00	PASS
	Ant1	5785	2.68	≤30.00	PASS
	Ant2	5785	2.32	≤30.00	PASS
	Ant1	5825	3	≤30.00	PASS
	Ant2	5825	2.6	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.97	≤11.00	PASS
	Ant2	5190	-1.5	≤11.00	PASS
	Ant1	5230	-2.41	≤11.00	PASS
	Ant2	5230	-1.9	≤11.00	PASS
	Ant1	5755	0.15	≤30.00	PASS
	Ant2	5755	-0.32	≤30.00	PASS
	Ant1	5795	-0.01	≤30.00	PASS
	Ant2	5795	0.37	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.09	≤11.00	PASS
	Ant2	5210	-3.87	≤11.00	PASS
	Ant1	5775	-3.08	≤30.00	PASS
	Ant2	5775	-3.12	≤30.00	PASS
11N20MIMO	Ant1	5180	0.47	≤11.00	PASS
	Ant2	5180	0.84	≤11.00	PASS
	total	5180	3.67	≤11.00	PASS
	Ant1	5220	0.67	≤11.00	PASS
	Ant2	5220	1.14	≤11.00	PASS
	total	5220	3.92	≤11.00	PASS
	Ant1	5240	0.57	≤11.00	PASS
	Ant2	5240	0.46	≤11.00	PASS
	total	5240	3.53	≤11.00	PASS
	Ant1	5745	2.65	≤30.00	PASS
	Ant2	5745	2.37	≤30.00	PASS
	total	5745	5.52	≤30.00	PASS
	Ant1	5785	2.72	≤30.00	PASS
	Ant2	5785	2.3	≤30.00	PASS
	total	5785	5.53	≤30.00	PASS
	Ant1	5825	2.26	≤30.00	PASS
	Ant2	5825	1.92	≤30.00	PASS
	total	5825	5.10	≤30.00	PASS
11N40MIMO	Ant1	5190	-2.25	≤11.00	PASS

	Ant2	5190	-1.36	≤11.00	PASS
	total	5190	1.23	≤11.00	PASS
	Ant1	5230	-1.63	≤11.00	PASS
	Ant2	5230	-1.32	≤11.00	PASS
	total	5230	1.54	≤11.00	PASS
	Ant1	5755	-0.49	≤30.00	PASS
	Ant2	5755	0.12	≤30.00	PASS
	total	5755	2.84	≤30.00	PASS
	Ant1	5795	-0.12	≤30.00	PASS
	Ant2	5795	-0.07	≤30.00	PASS
	total	5795	2.92	≤30.00	PASS
11AC20MIMO	Ant1	5180	1.03	≤11.00	PASS
	Ant2	5180	1.33	≤11.00	PASS
	total	5180	4.19	≤11.00	PASS
	Ant1	5220	1.27	≤11.00	PASS
	Ant2	5220	0.71	≤11.00	PASS
	total	5220	4.01	≤11.00	PASS
	Ant1	5240	0.82	≤11.00	PASS
	Ant2	5240	0.89	≤11.00	PASS
	total	5240	3.87	≤11.00	PASS
	Ant1	5745	2.59	≤30.00	PASS
	Ant2	5745	3.13	≤30.00	PASS
	total	5745	5.88	≤30.00	PASS
	Ant1	5785	2.58	≤30.00	PASS
	Ant2	5785	2.42	≤30.00	PASS
	total	5785	5.51	≤30.00	PASS
	Ant1	5825	2.83	≤30.00	PASS
	Ant2	5825	2.82	≤30.00	PASS
	total	5825	5.84	≤30.00	PASS
11AC40MIMO	Ant1	5190	-2.08	≤11.00	PASS
	Ant2	5190	-1.62	≤11.00	PASS
	total	5190	1.17	≤11.00	PASS
	Ant1	5230	-2.24	≤11.00	PASS
	Ant2	5230	-2.09	≤11.00	PASS
	total	5230	0.85	≤11.00	PASS
	Ant1	5755	-0.1	≤30.00	PASS
	Ant2	5755	0.02	≤30.00	PASS
	total	5755	2.97	≤30.00	PASS
	Ant1	5795	0.34	≤30.00	PASS
	Ant2	5795	-0.69	≤30.00	PASS

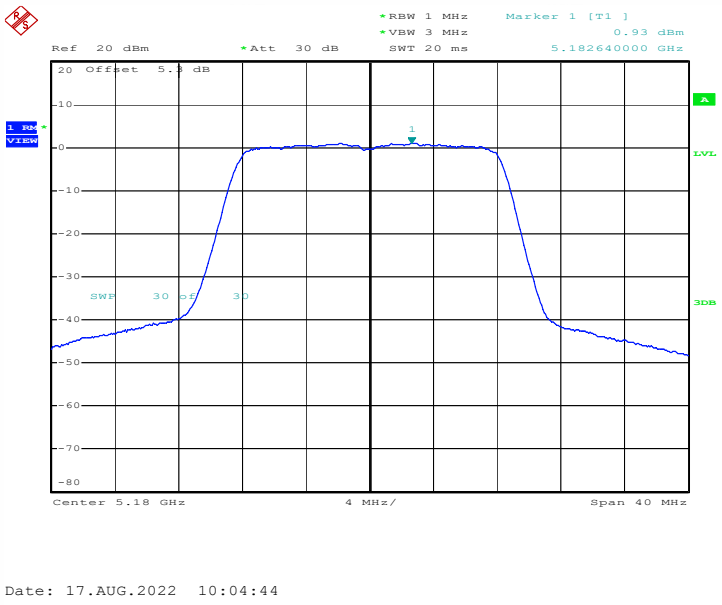
	total	5795	2.87	≤30.00	PASS
11AC80MIMO	Ant1	5210	-4.45	≤11.00	PASS
	Ant2	5210	-4.3	≤11.00	PASS
	total	5210	-1.36	≤11.00	PASS
	Ant1	5775	-2.31	≤30.00	PASS
	Ant2	5775	-2.91	≤30.00	PASS
	total	5775	0.41	≤30.00	PASS

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

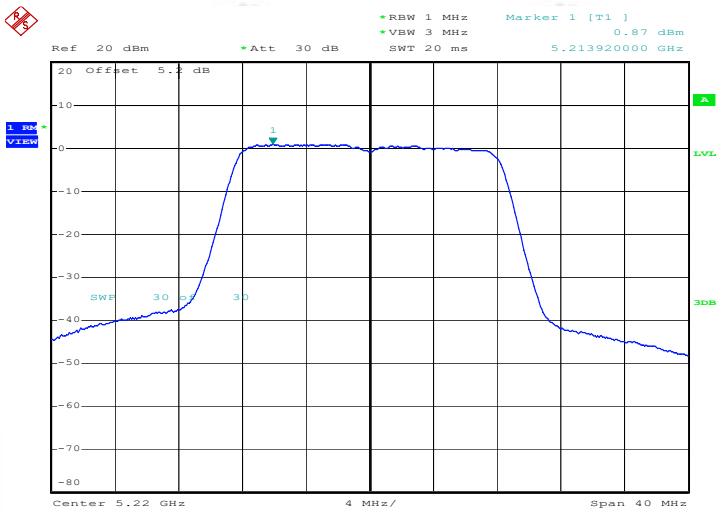
Test Graphs



11A_Ant1_5180



11A_Ant2_5180



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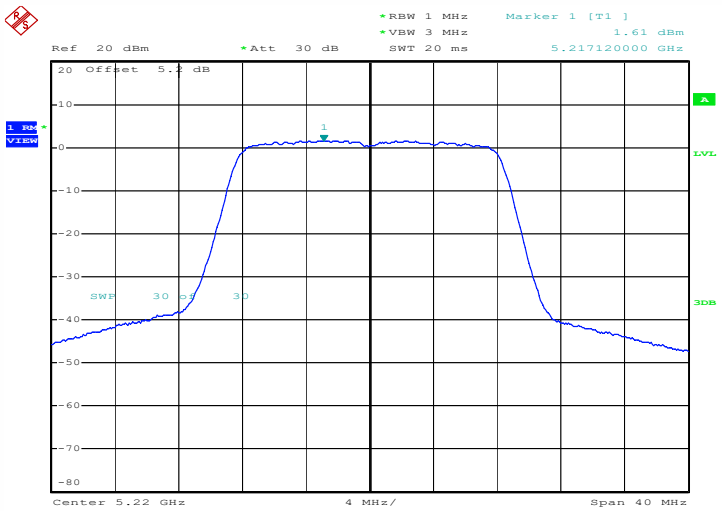
11A_Ant1_5220



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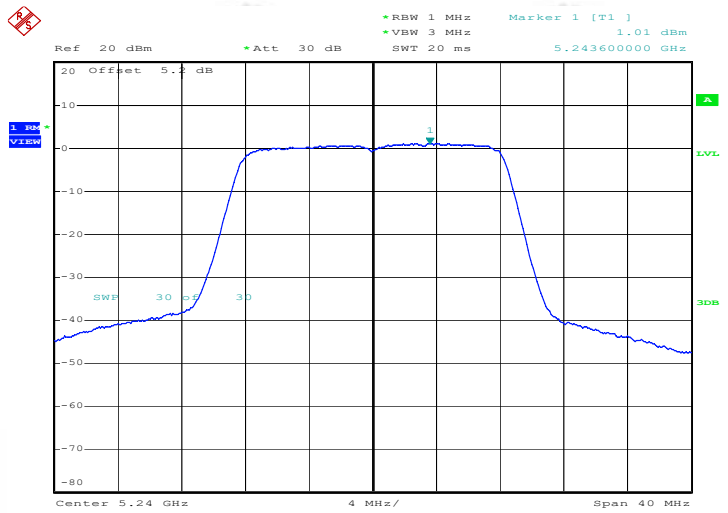
11A_Ant2_5220



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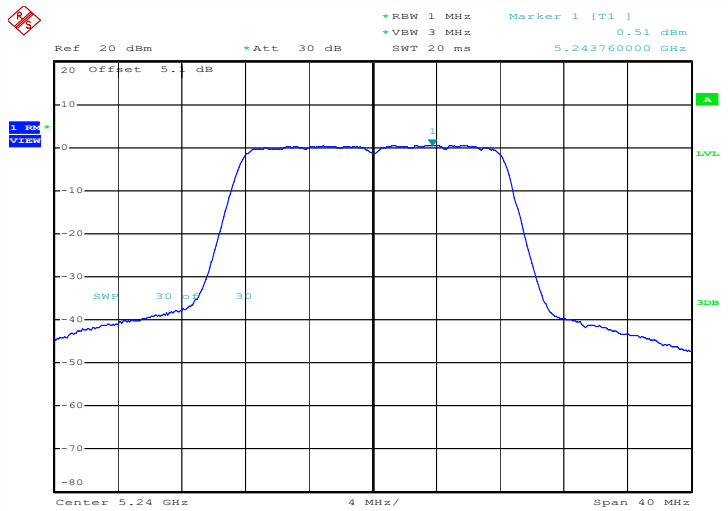

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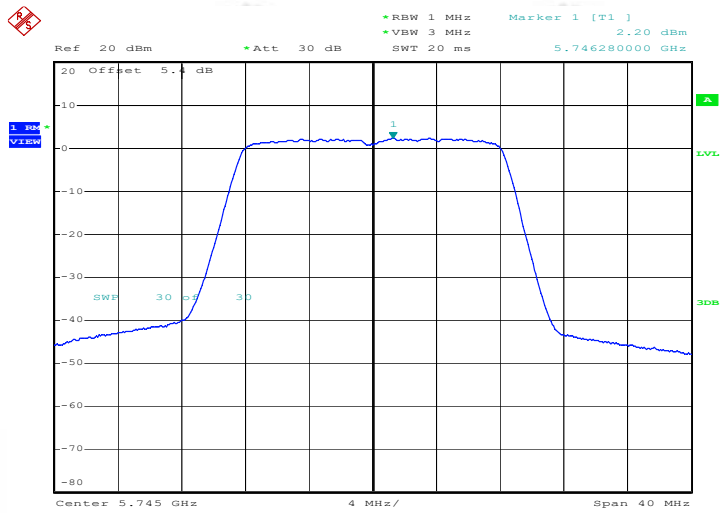
11A_Ant2_5240



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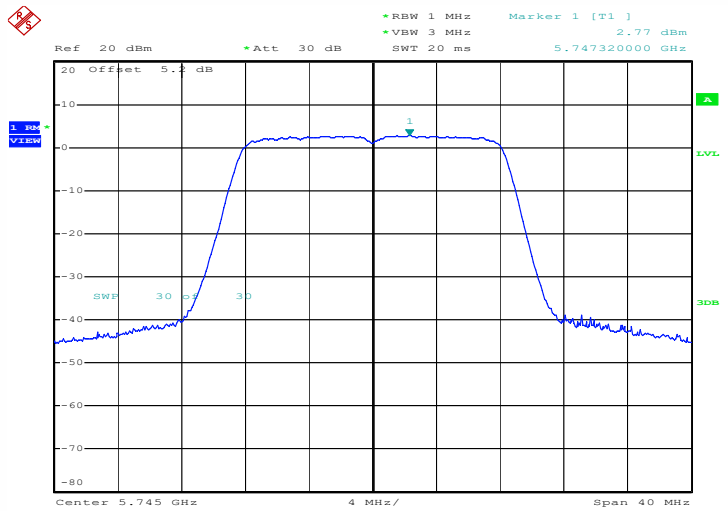
11A_Ant1_5745



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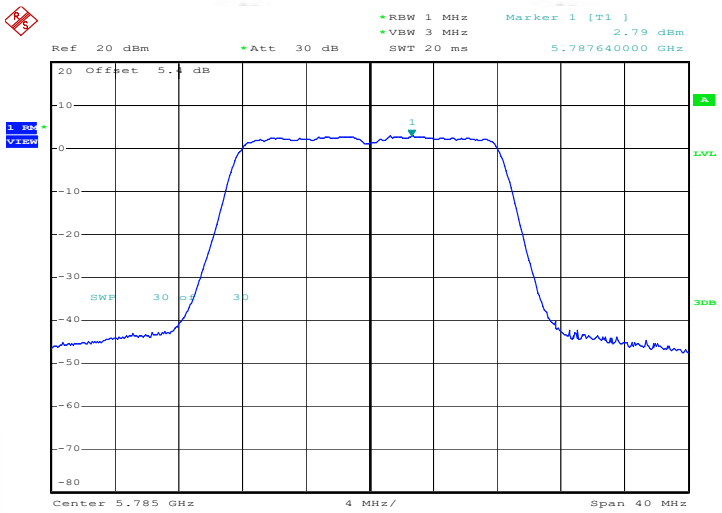
11A_Ant2_5745



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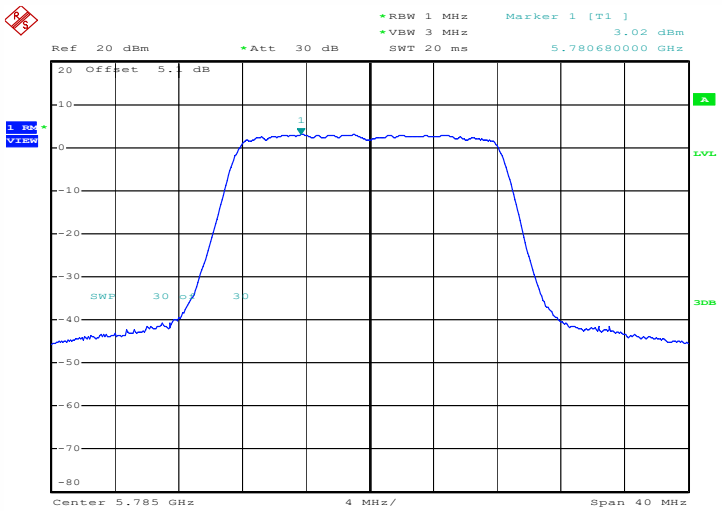
11A_Ant1_5785



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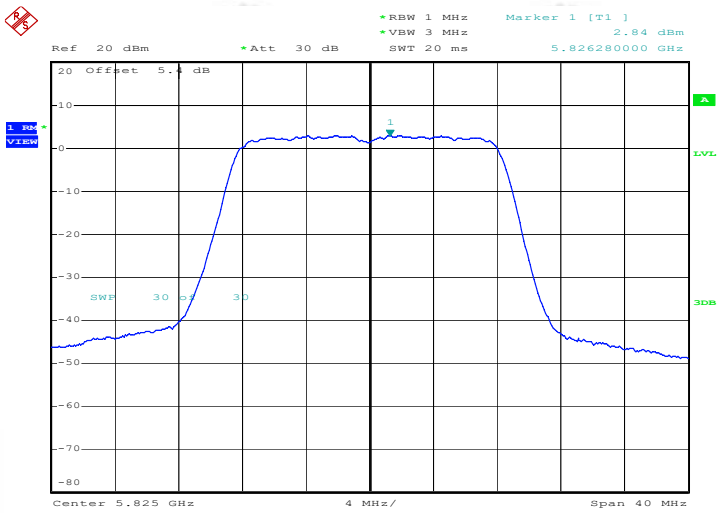
11A_Ant2_5785



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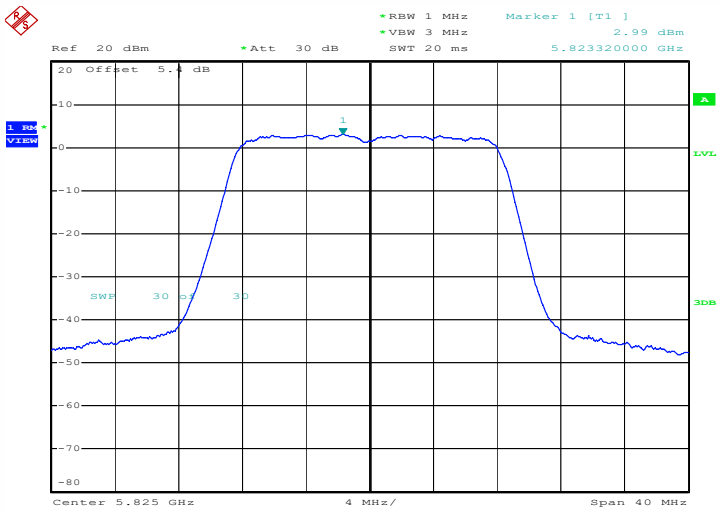
11A_Ant1_5825



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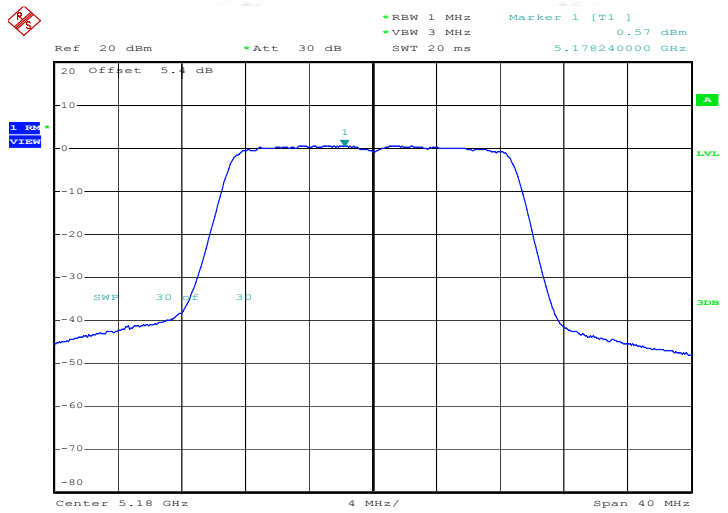
11A_Ant2_5825



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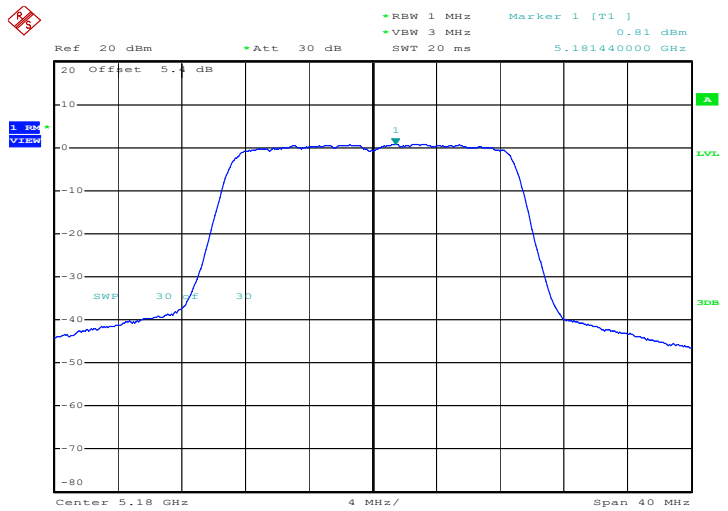
11N20SISO_Ant1_5180



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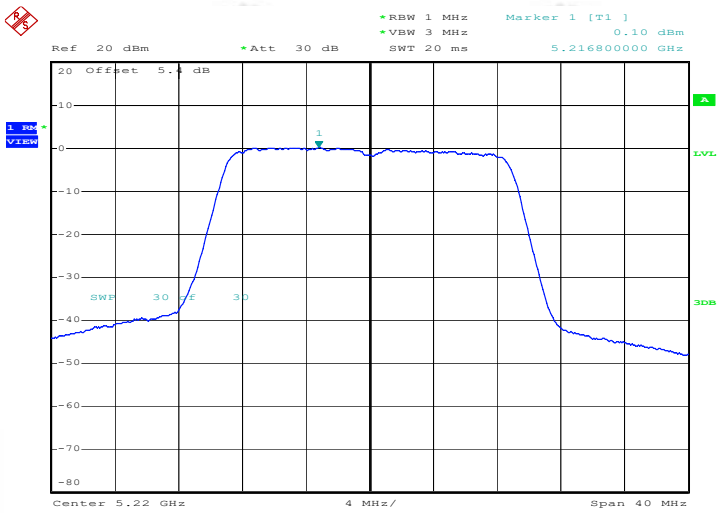
11N20SISO_Ant2_5180



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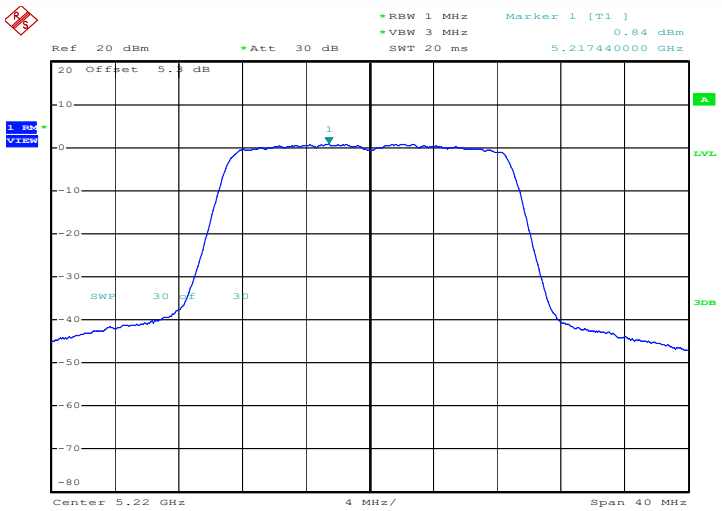

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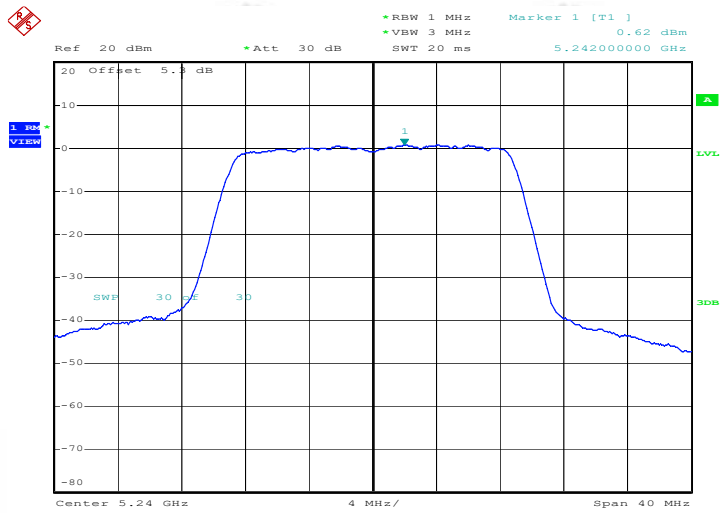
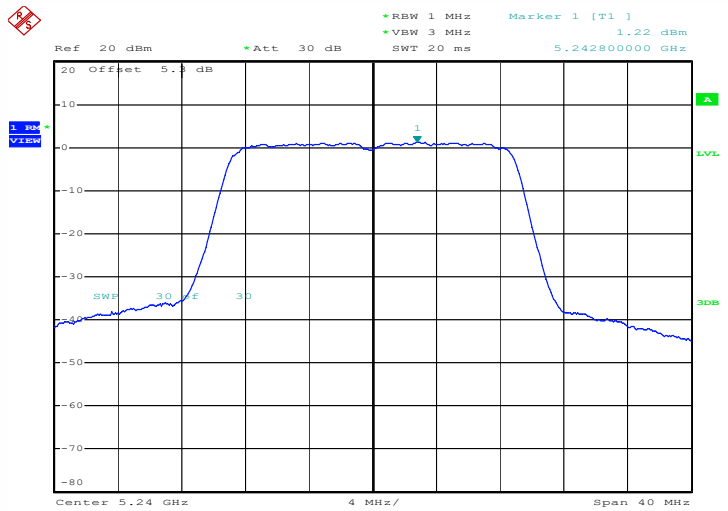


Date: 16.AUG.2022 18:28:27

11N20SISO_Ant1_5240



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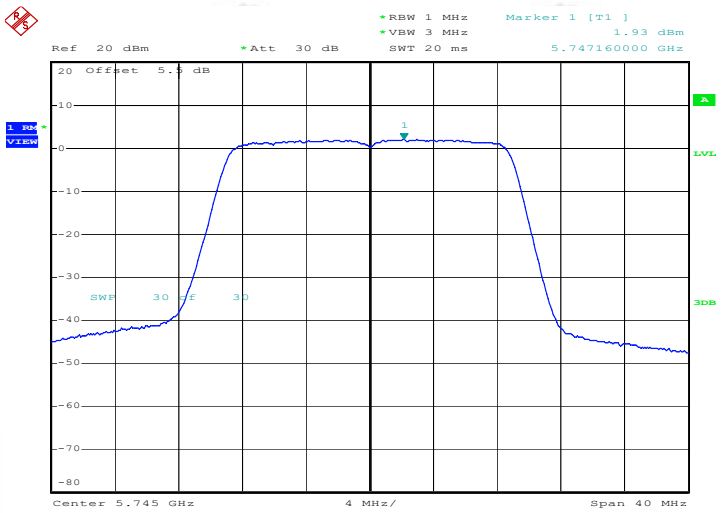

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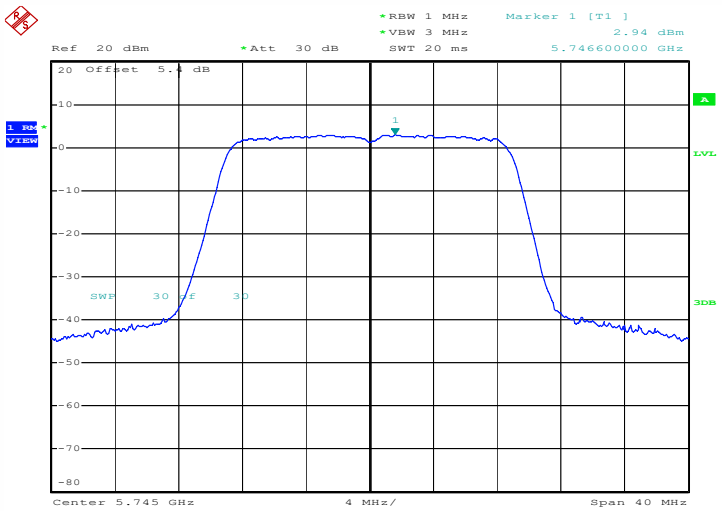

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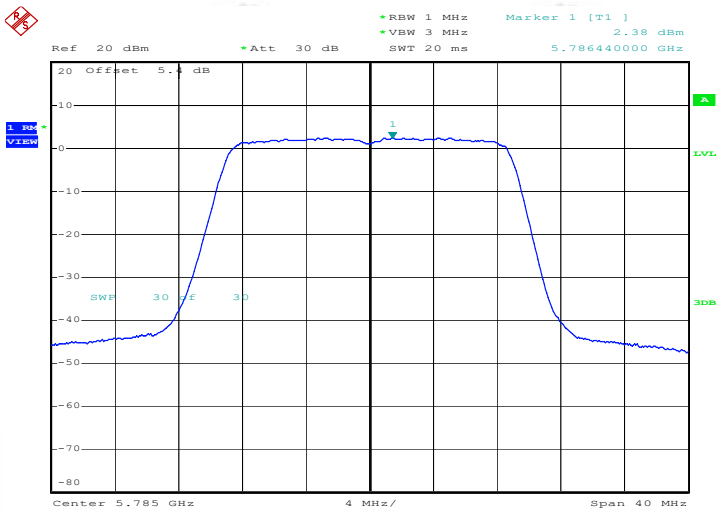

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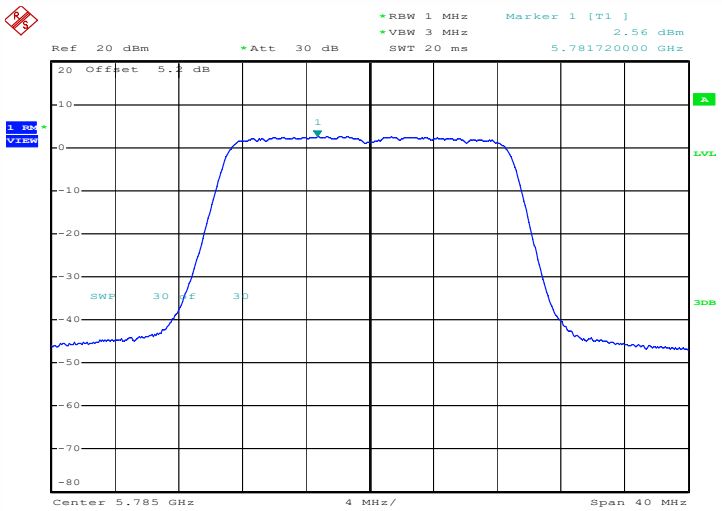

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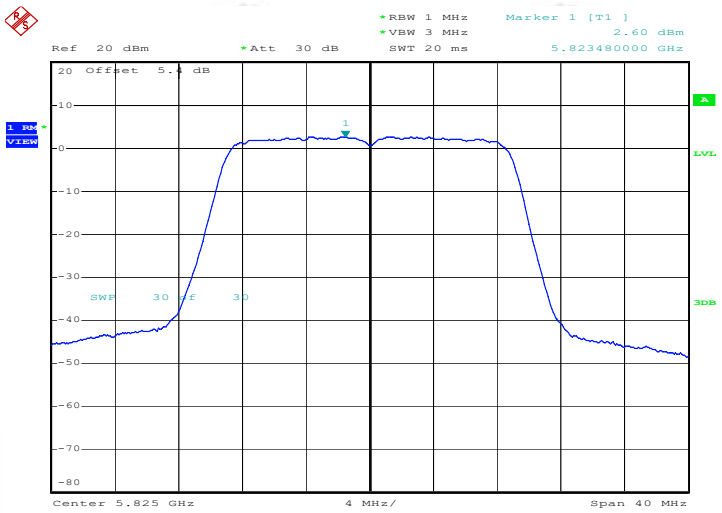

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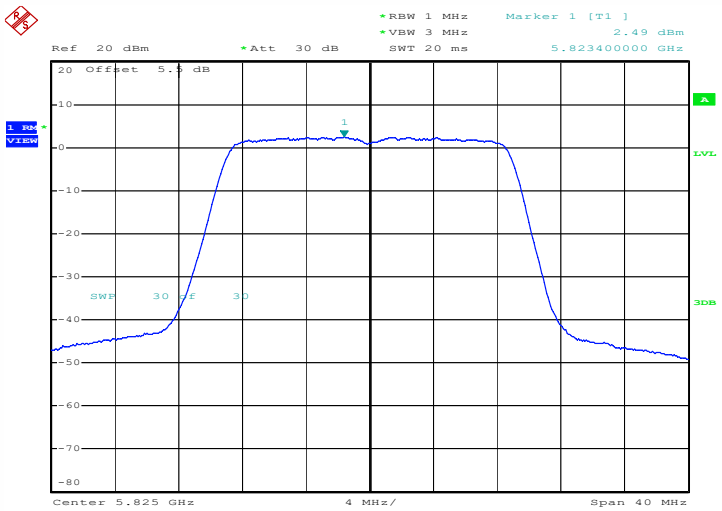
11N20SISO_Ant1_5825



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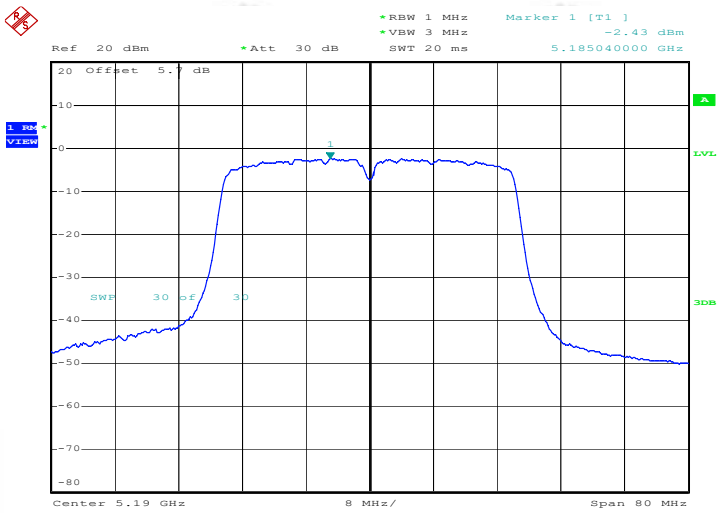

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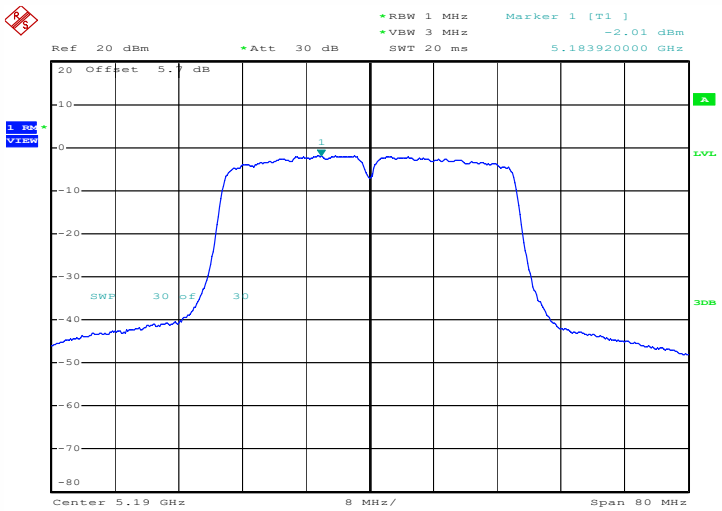
11N40SISO_Ant1_5190



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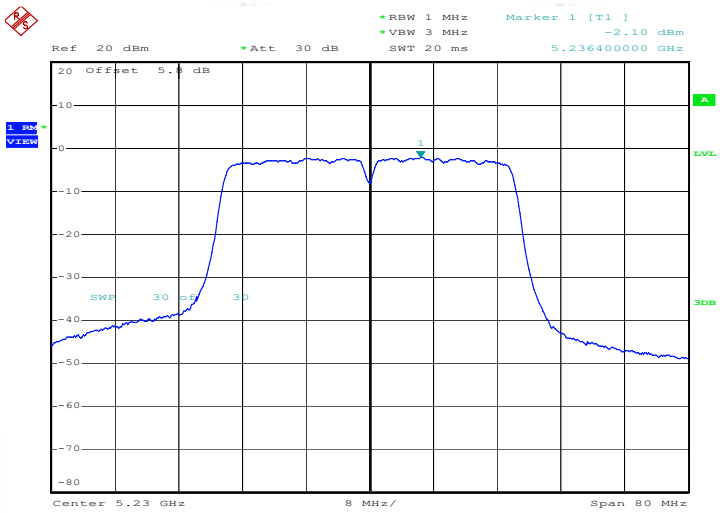

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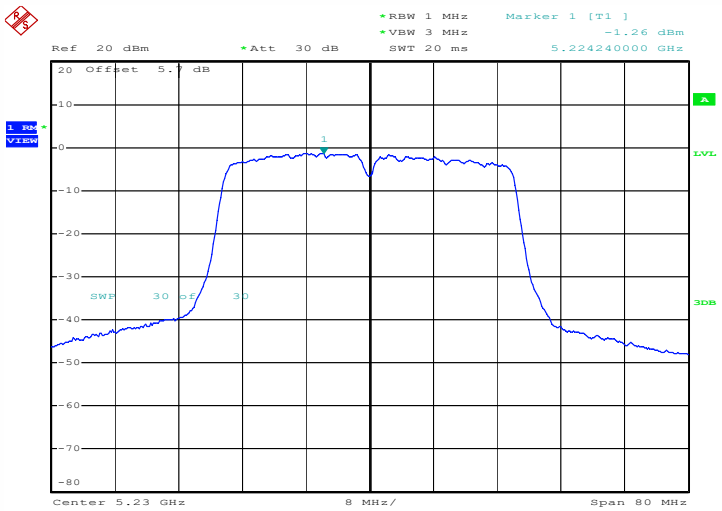

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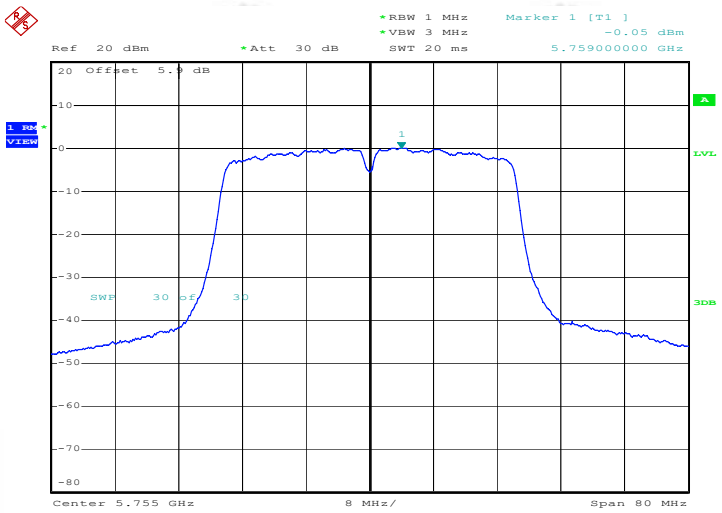

Date: 16.AUG.2022 20:28:08

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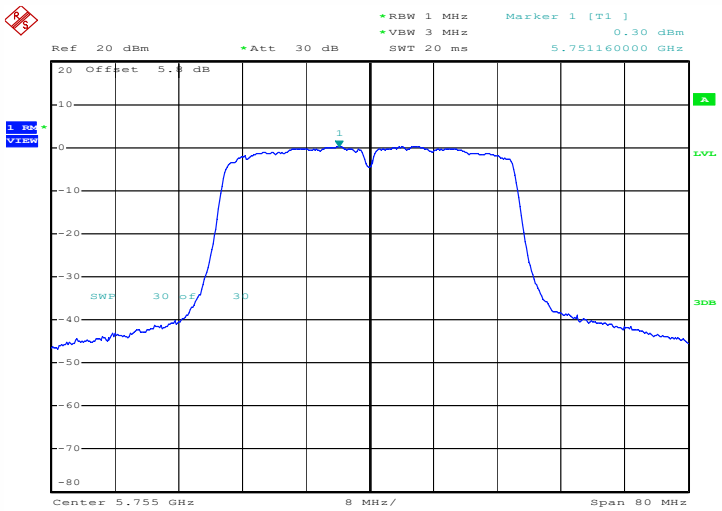

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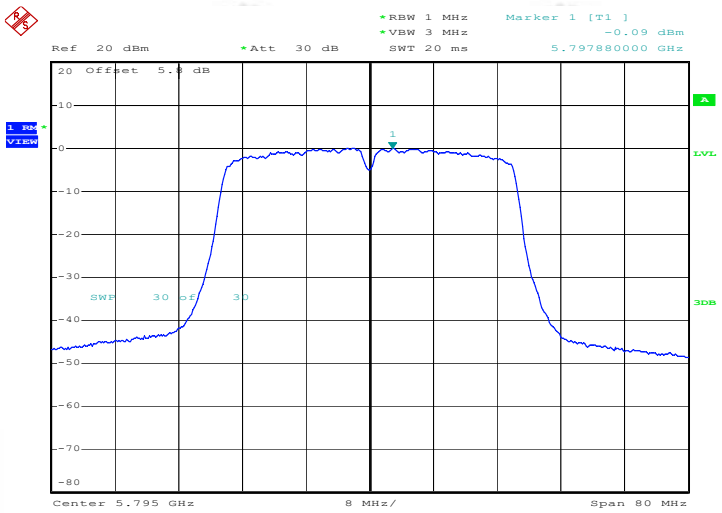

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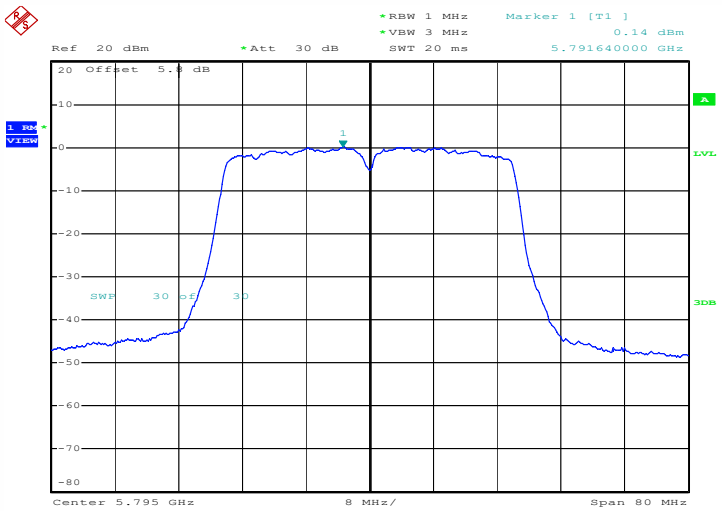

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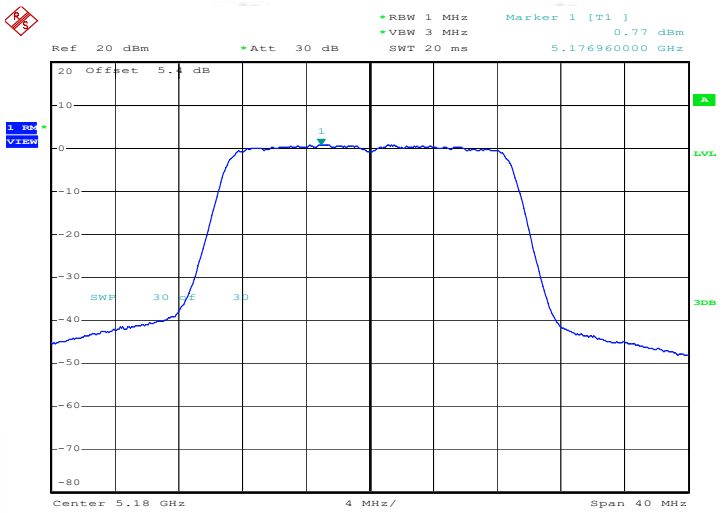

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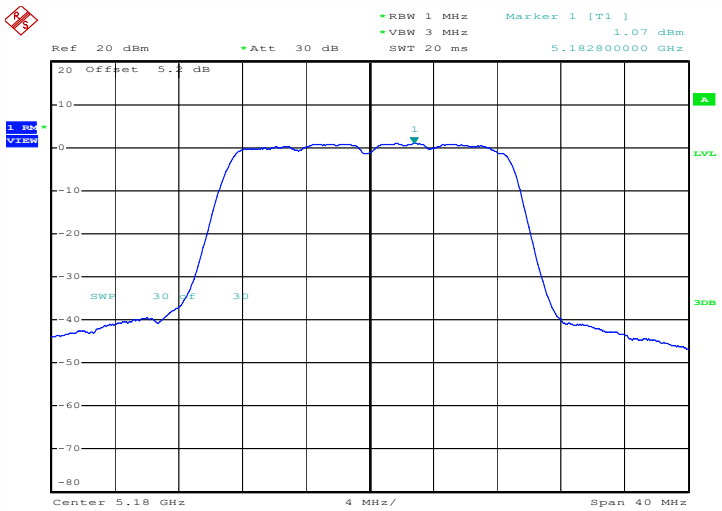

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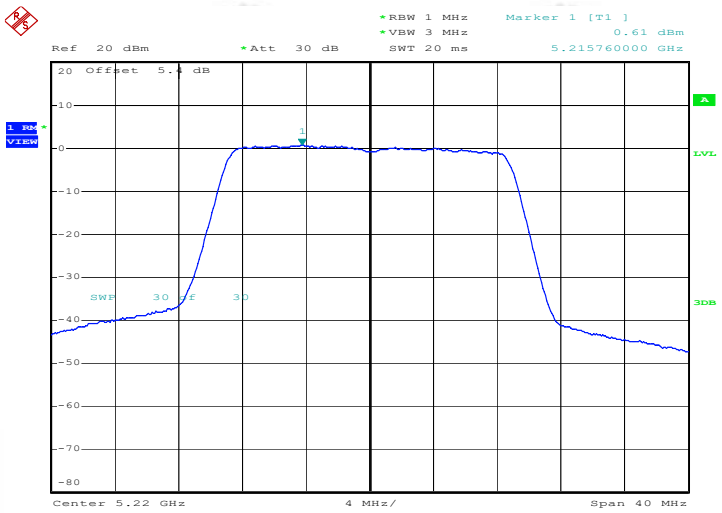

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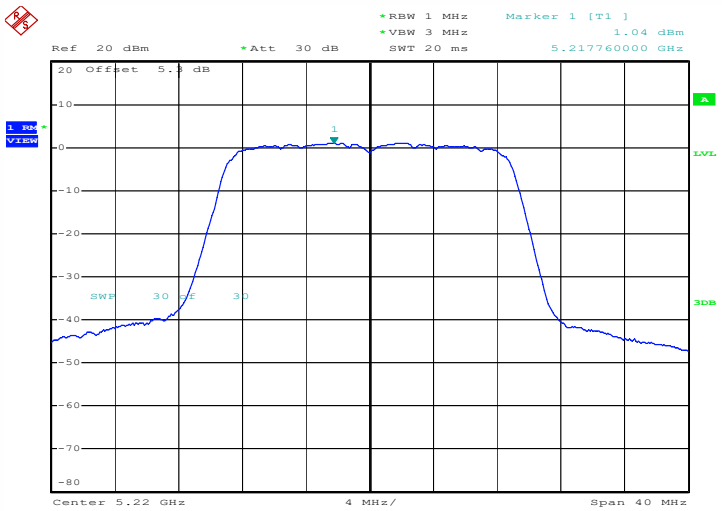

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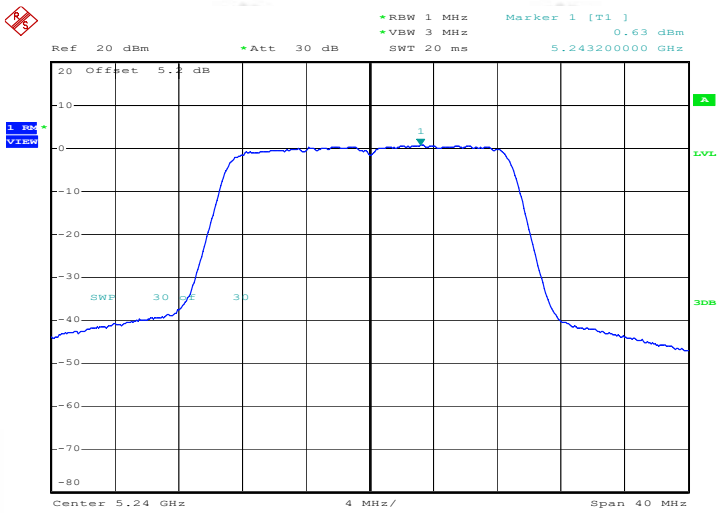

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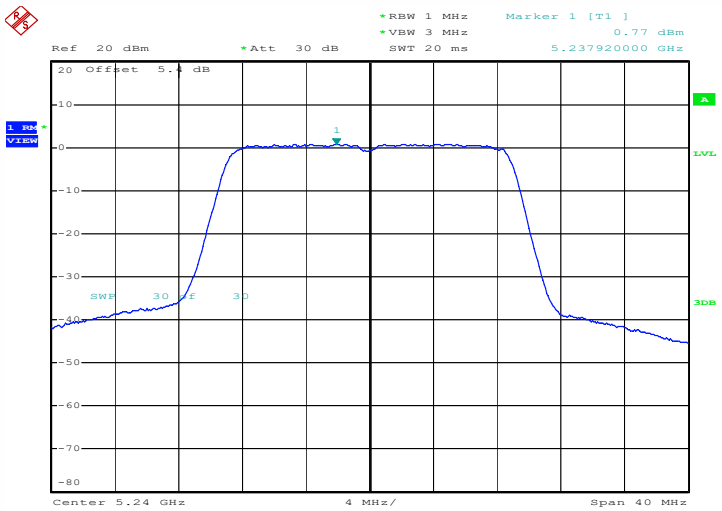

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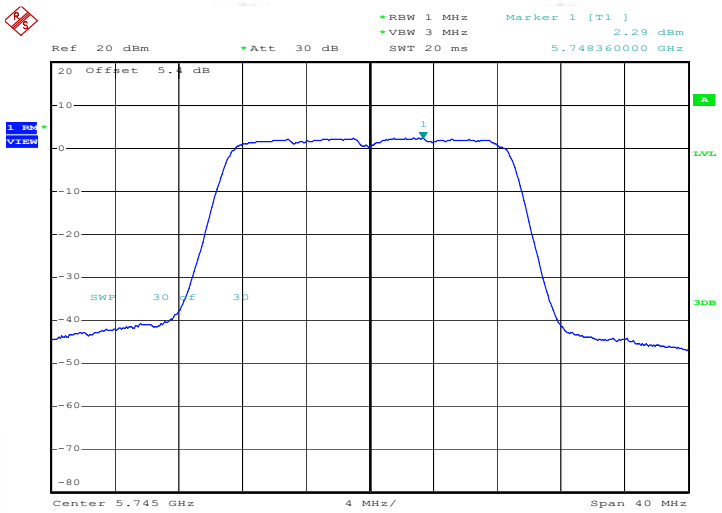

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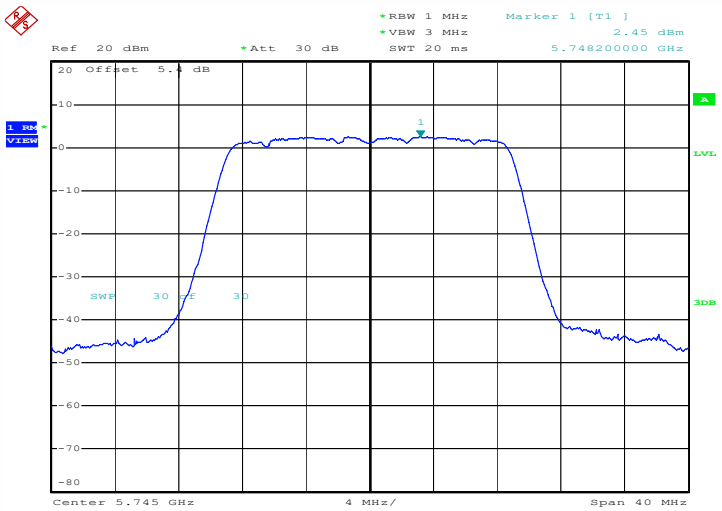

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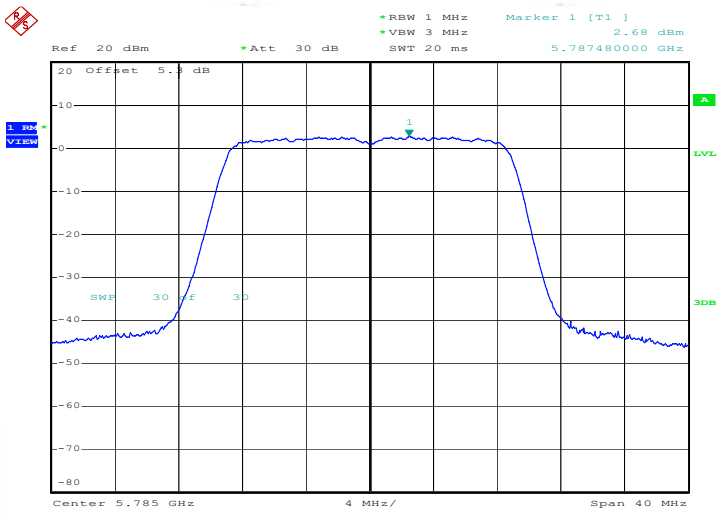

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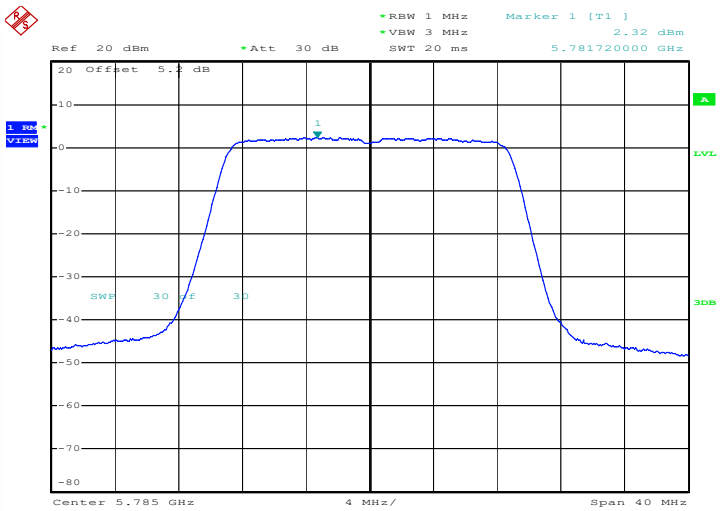

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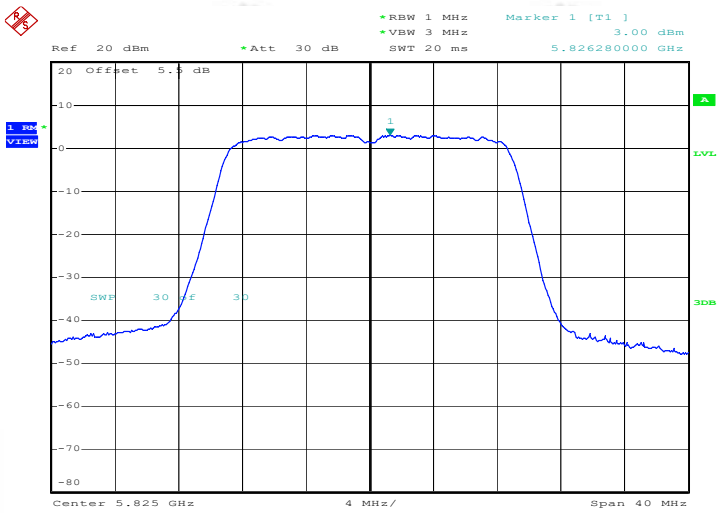

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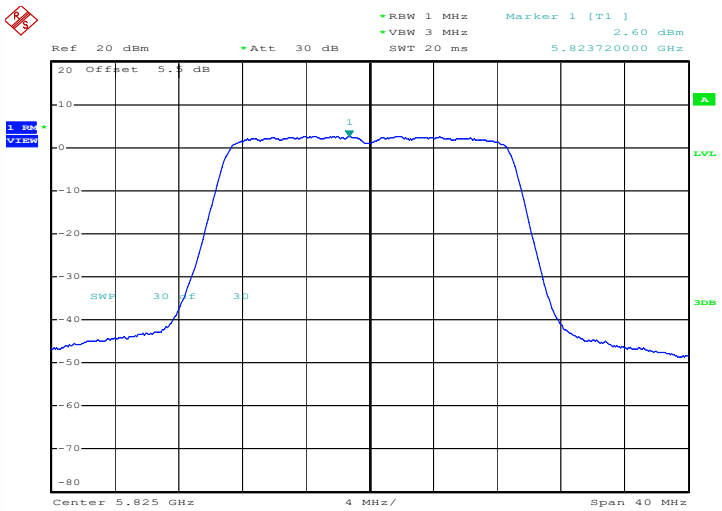

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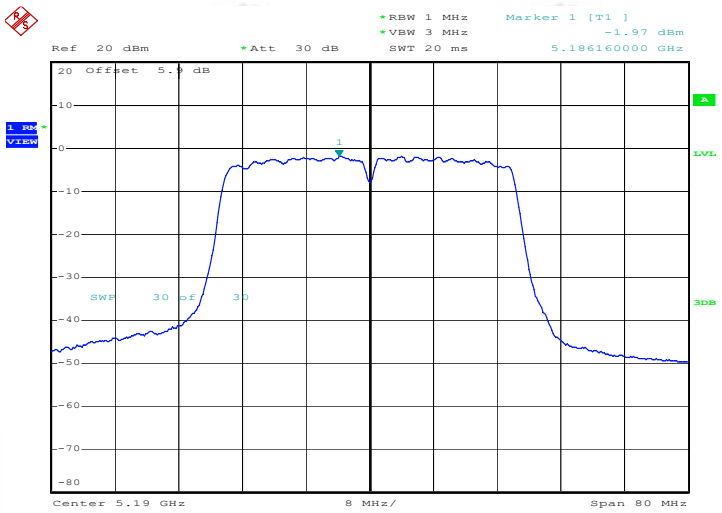

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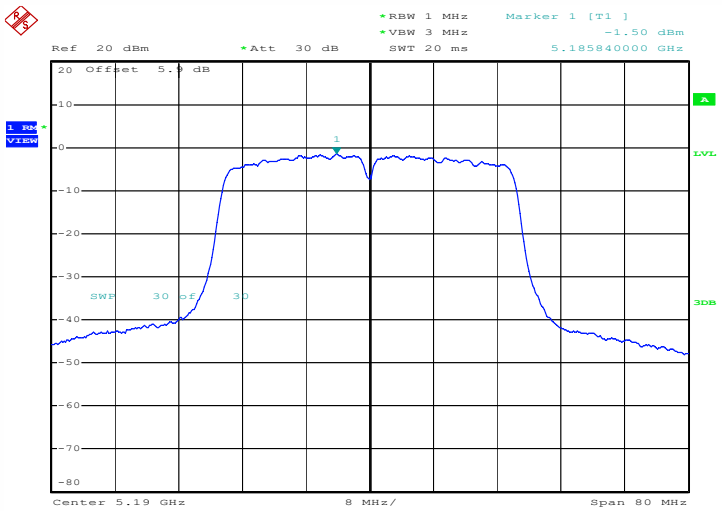

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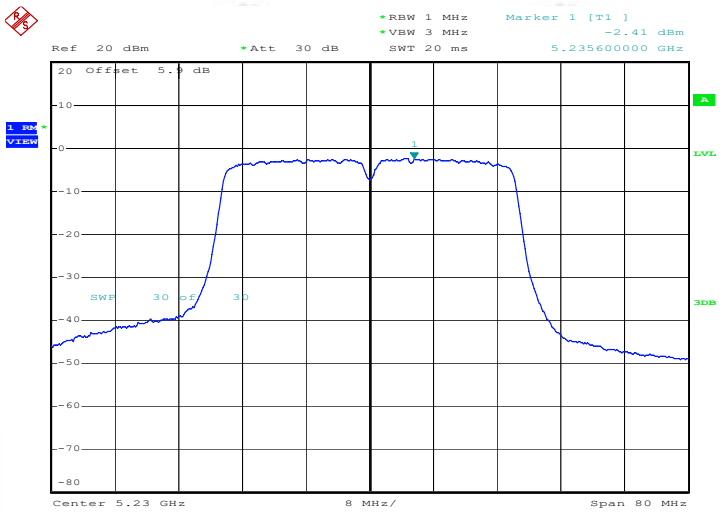

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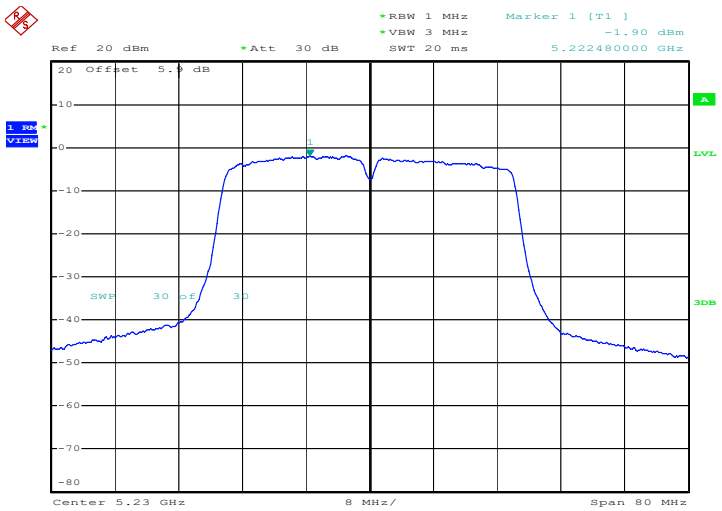

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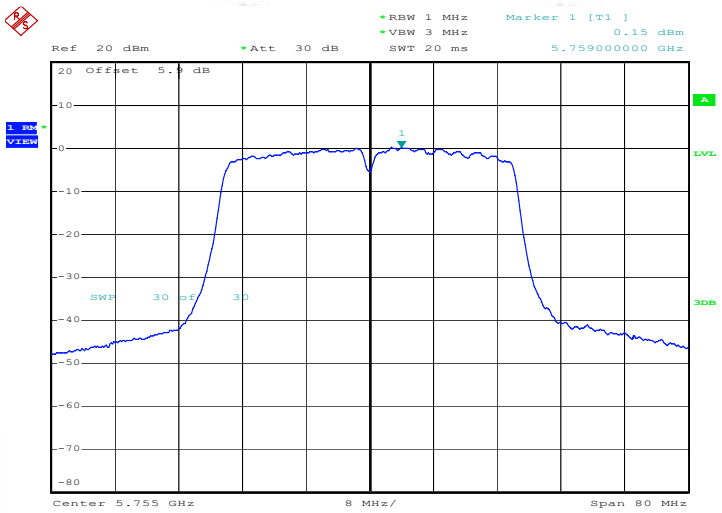

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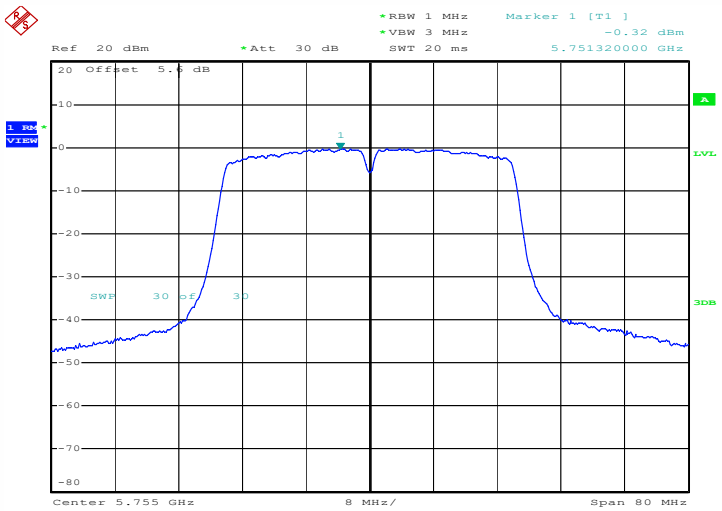

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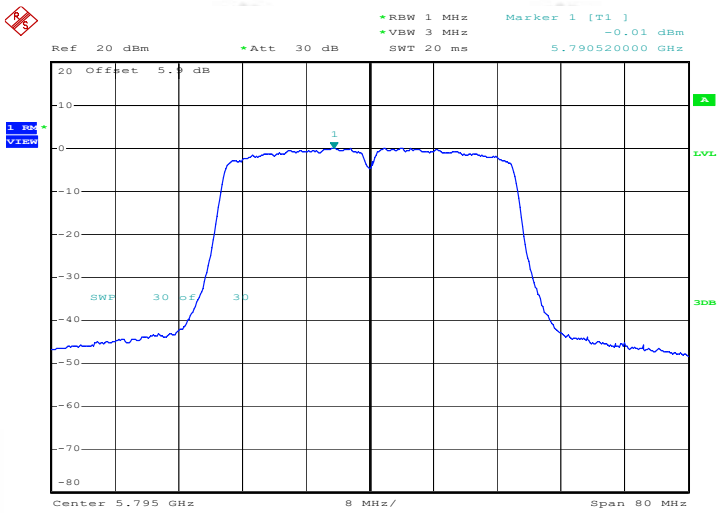

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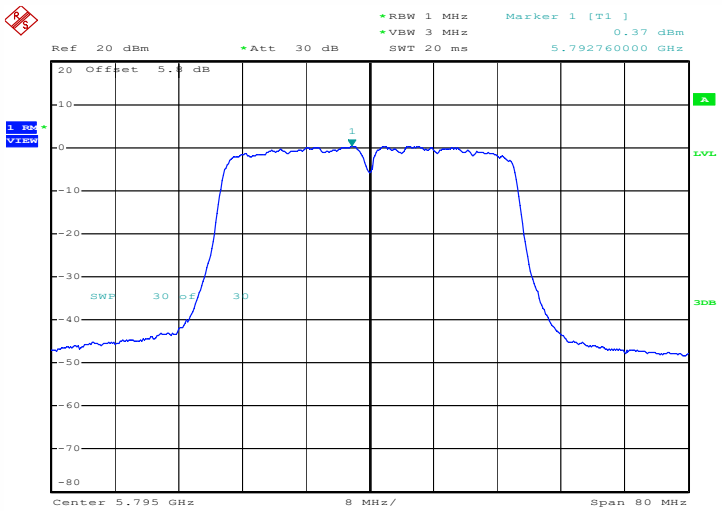

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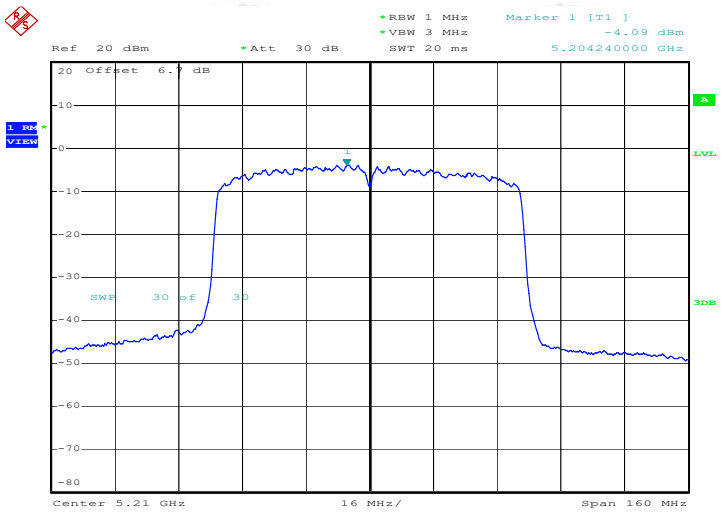

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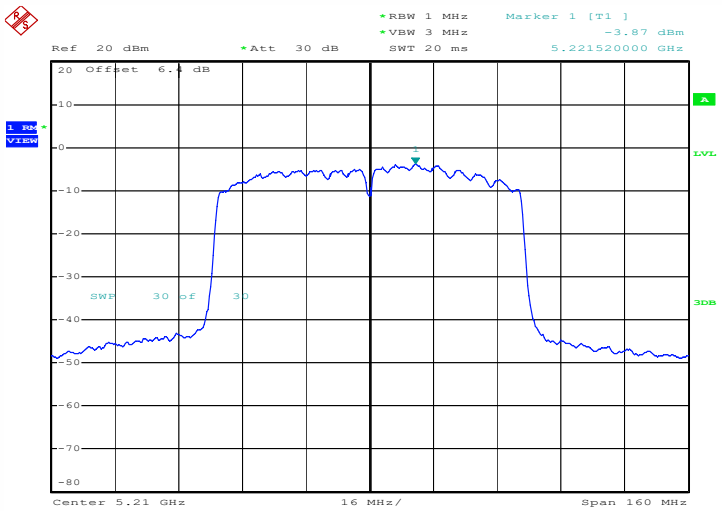

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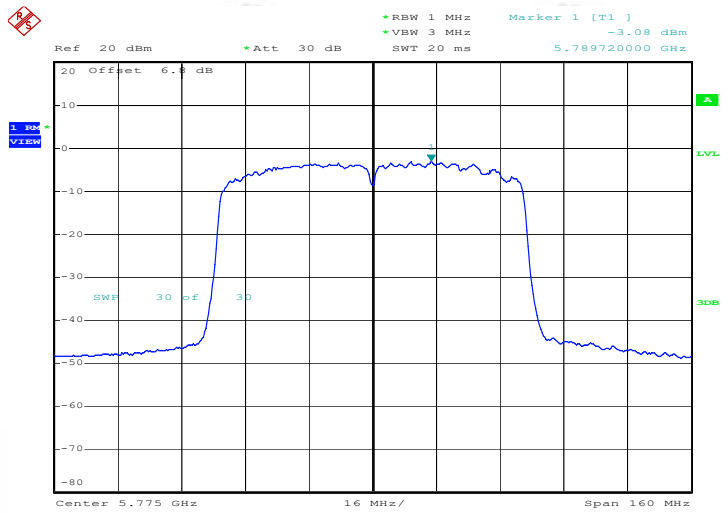

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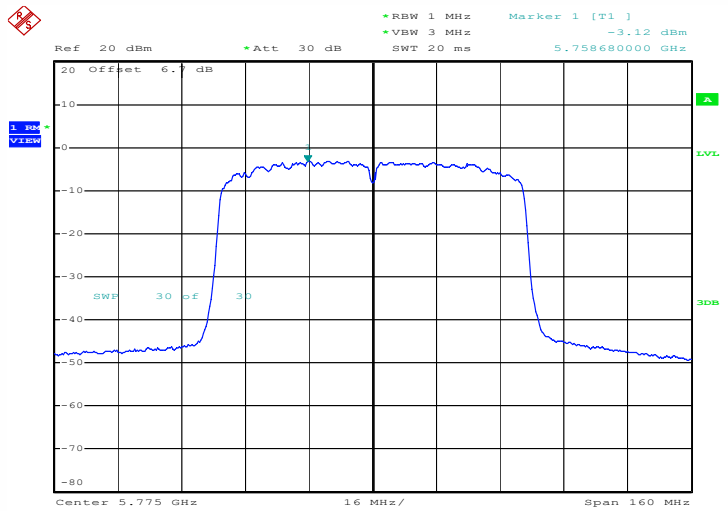

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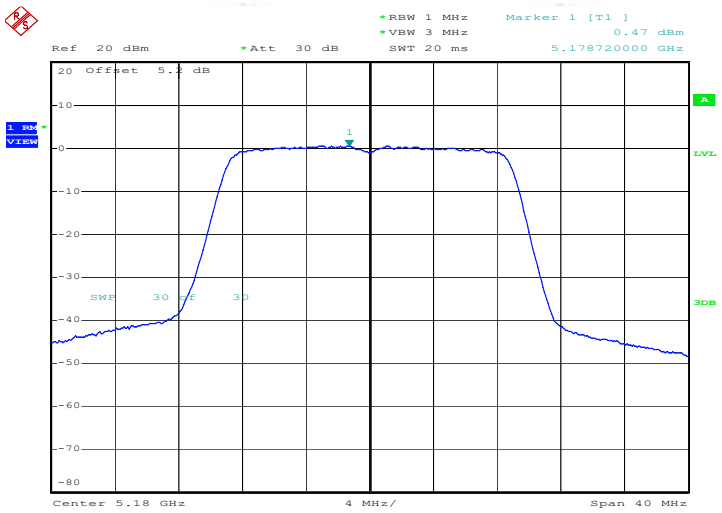

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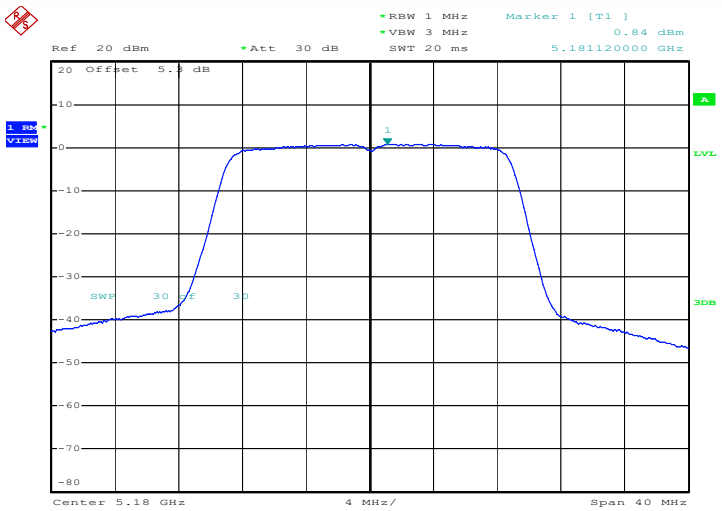

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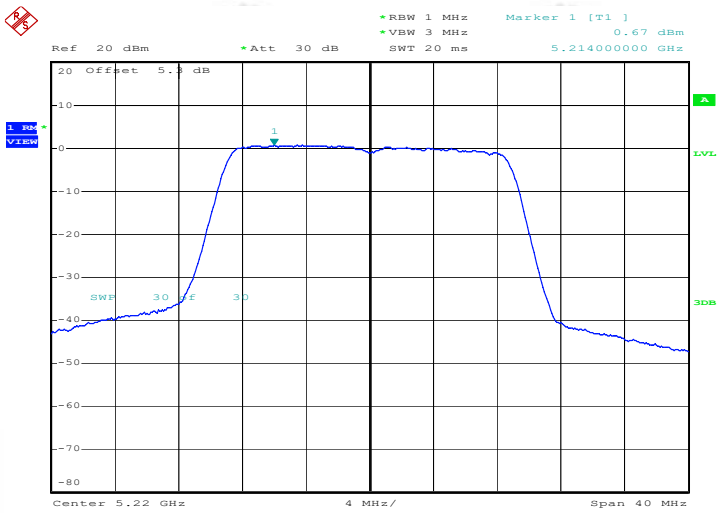

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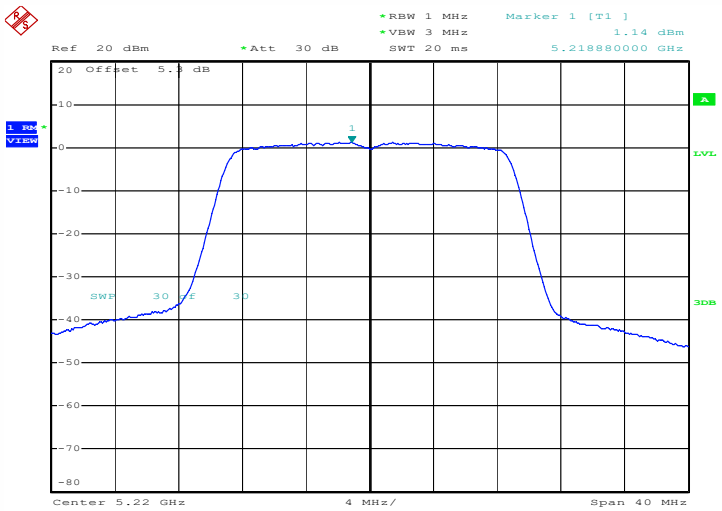

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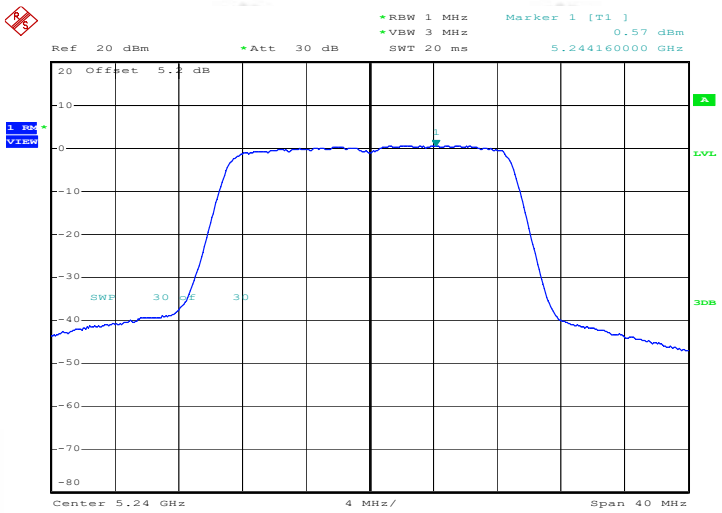

Date: 17.AUG.2022 16:40:05

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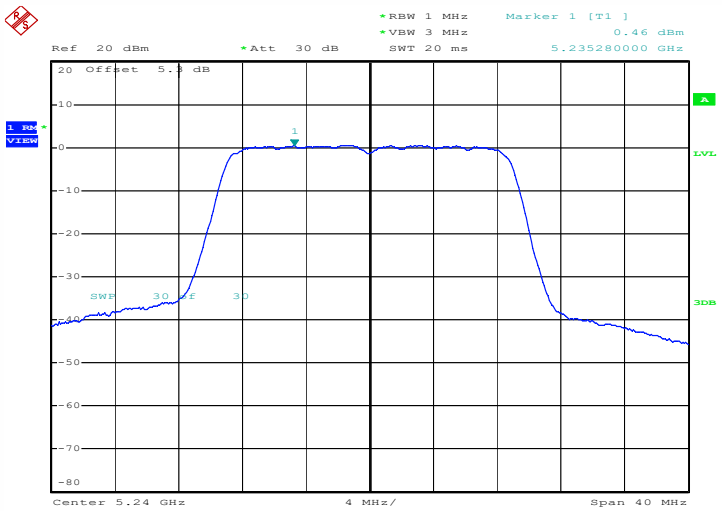

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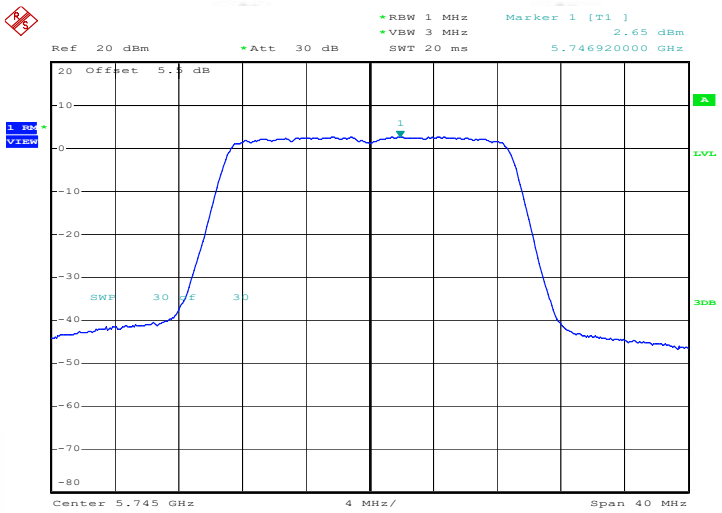
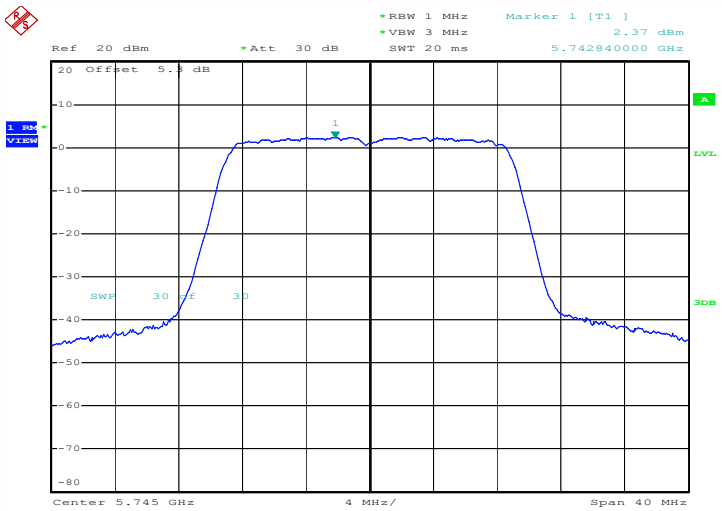
11N20MIMO_Ant2_5240



Date: 17.AUG.2022 17:00:30

11N20MIMO_Ant1_5745



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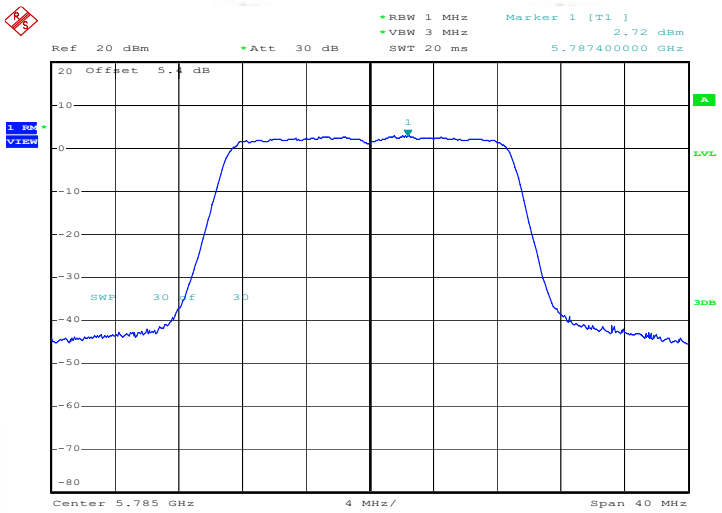

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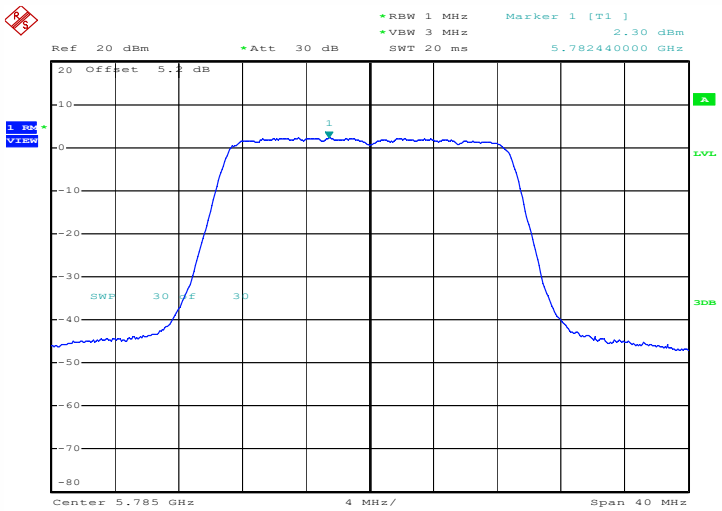
11N20MIMO_Ant1_5785



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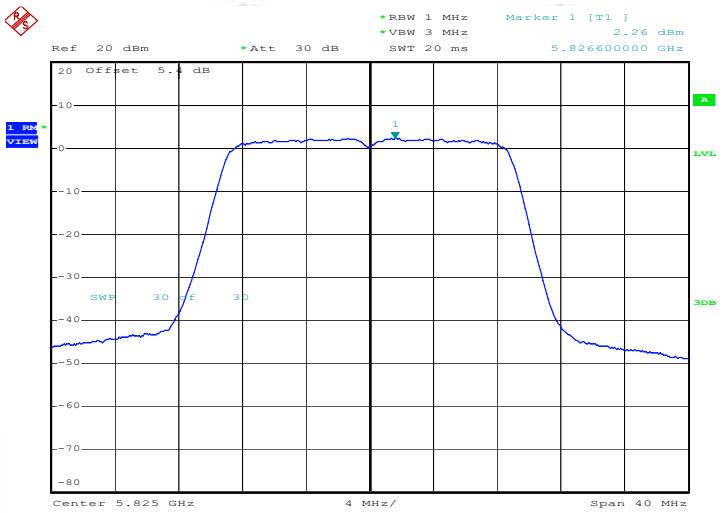
11N20MIMO_Ant2_5785



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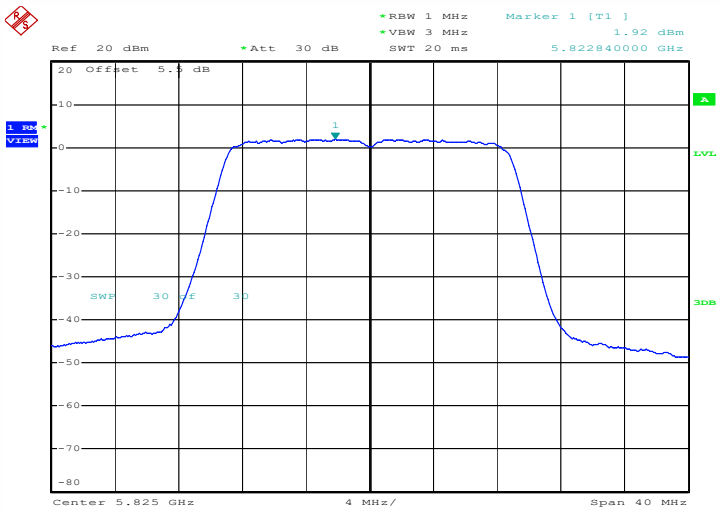

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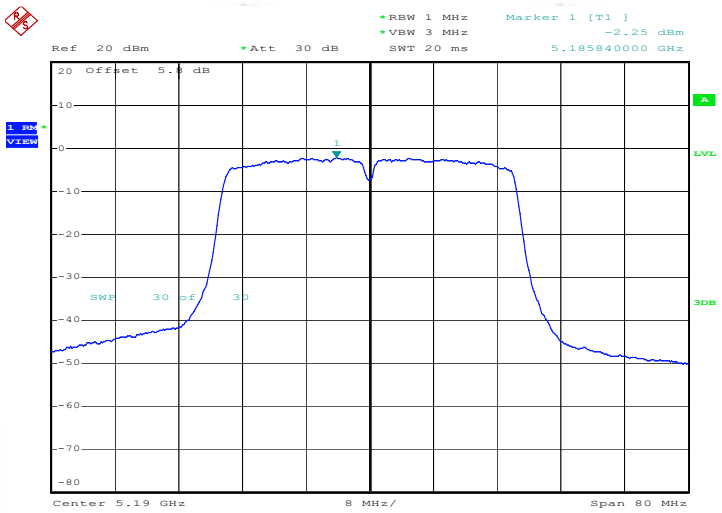

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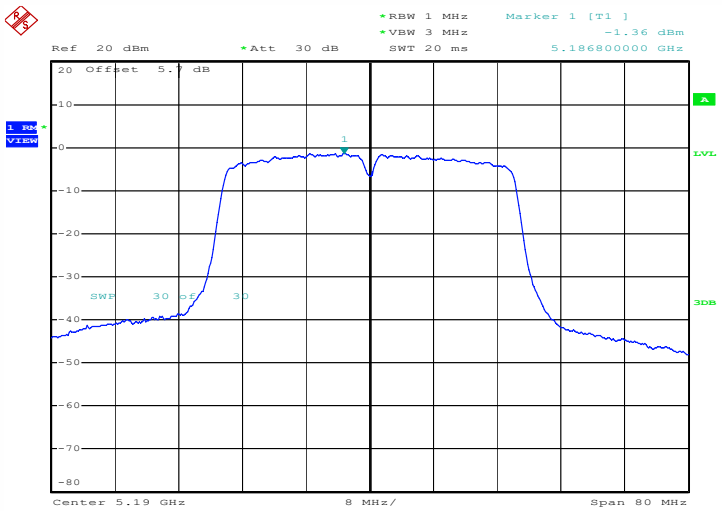
11N40MIMO_Ant1_5190



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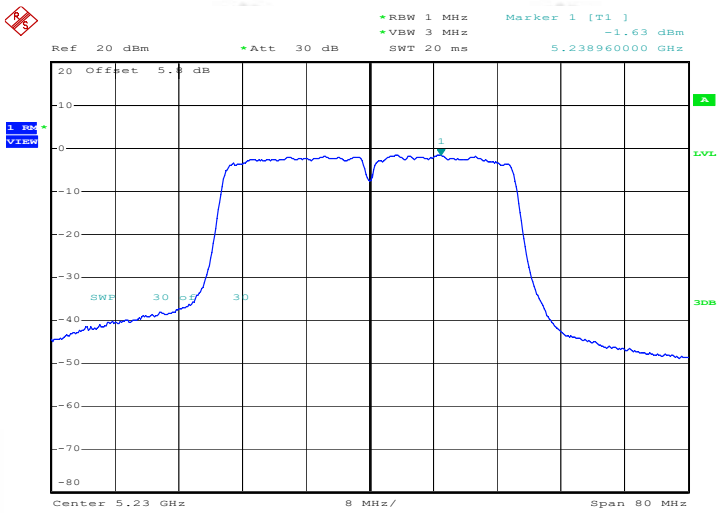
11N40MIMO_Ant2_5190



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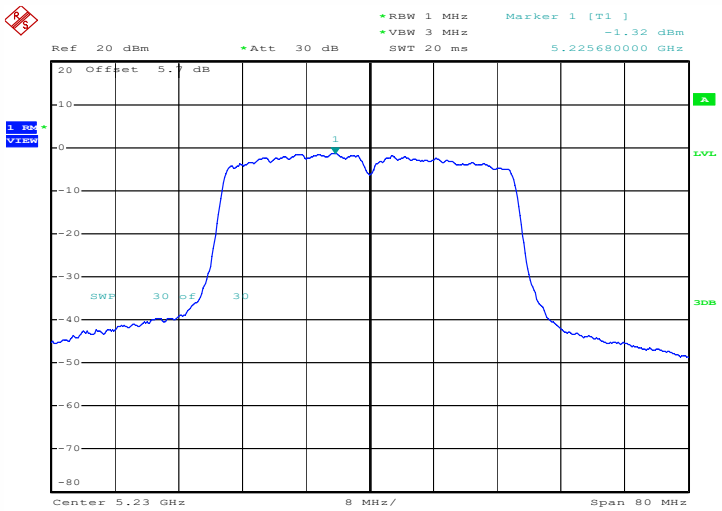
11N40MIMO_Ant1_5230



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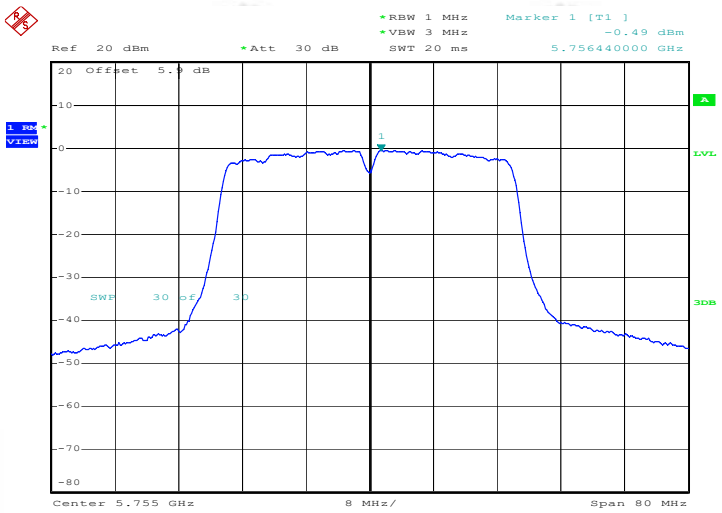
11N40MIMO_Ant2_5230



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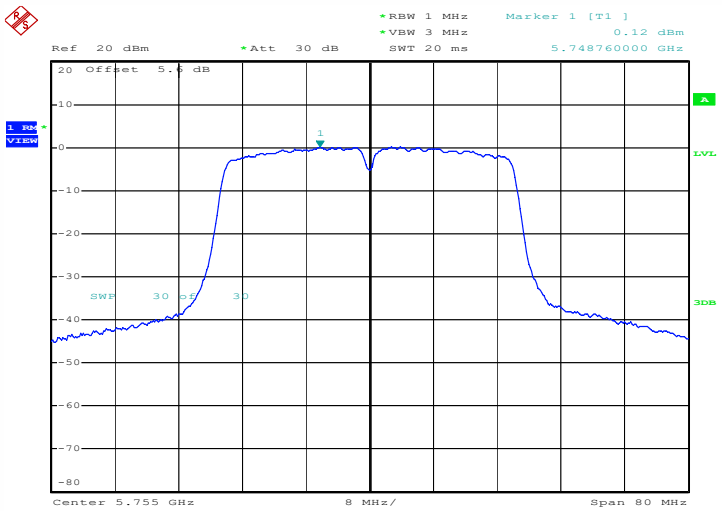

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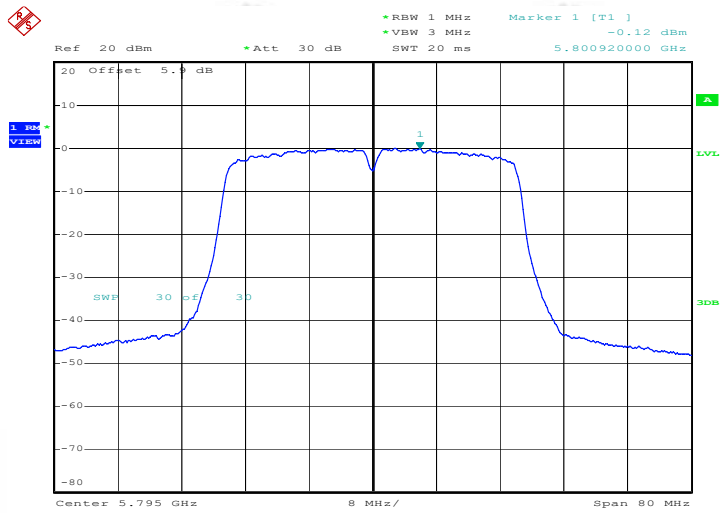
11N40MIMO_Ant2_5755



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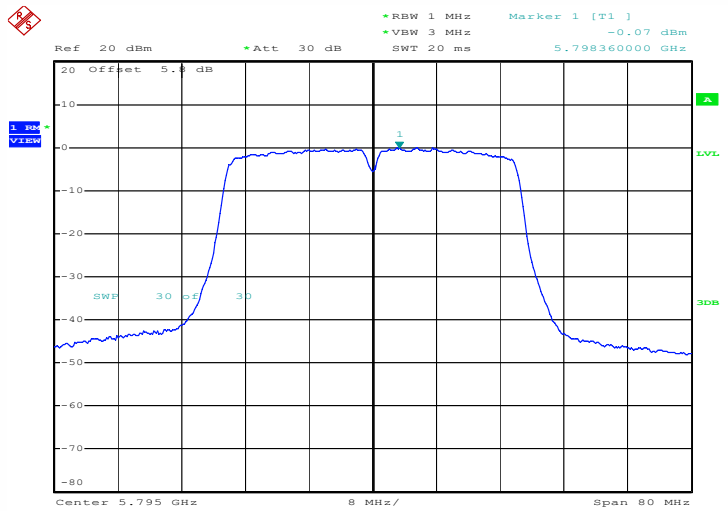
11N40MIMO_Ant1_5795



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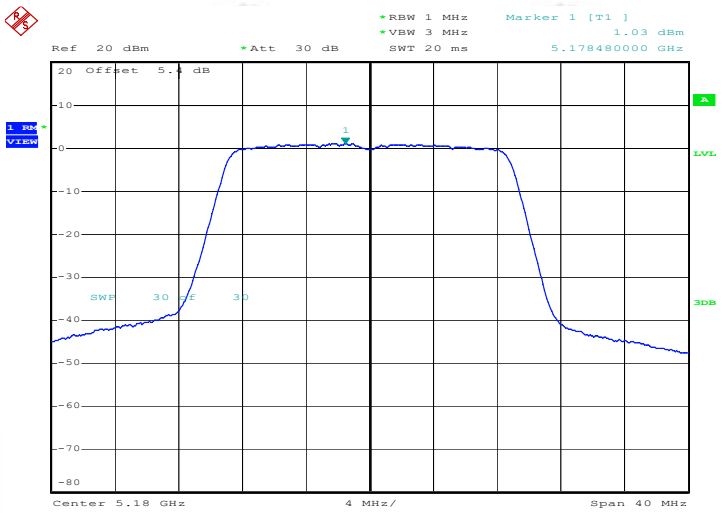
11N40MIMO_Ant2_5795



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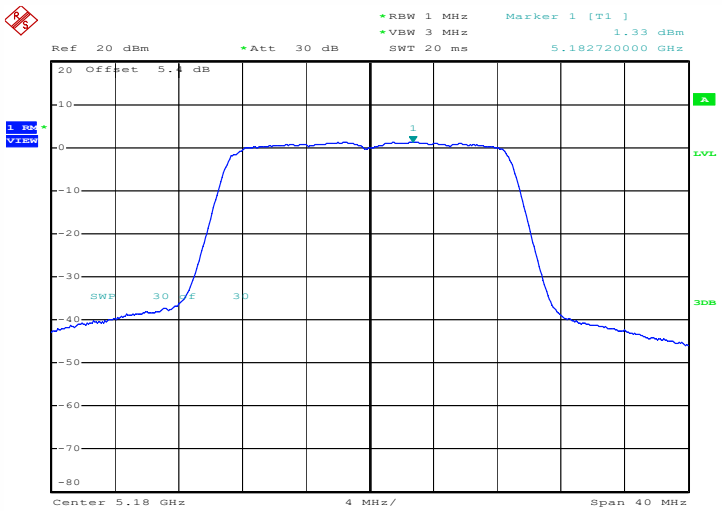
11AC20MIMO_Ant1_5180



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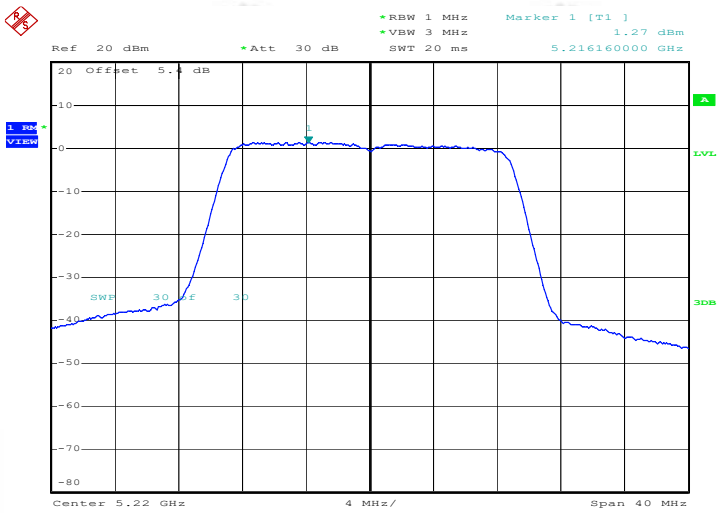
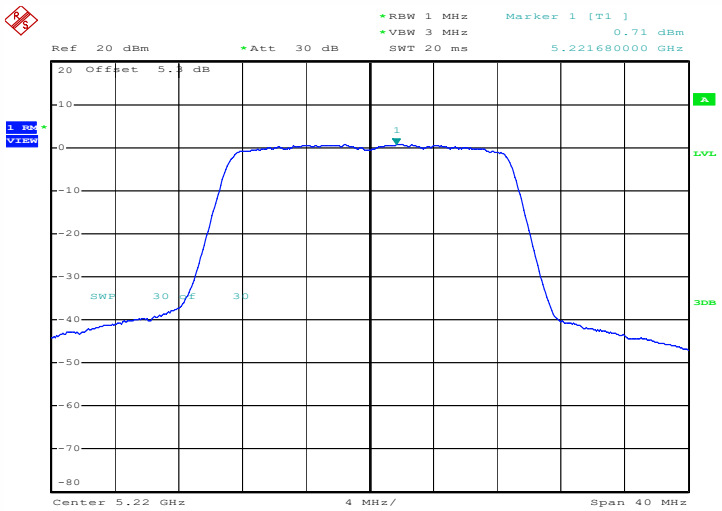


11AC20MIMO_Ant1_5220



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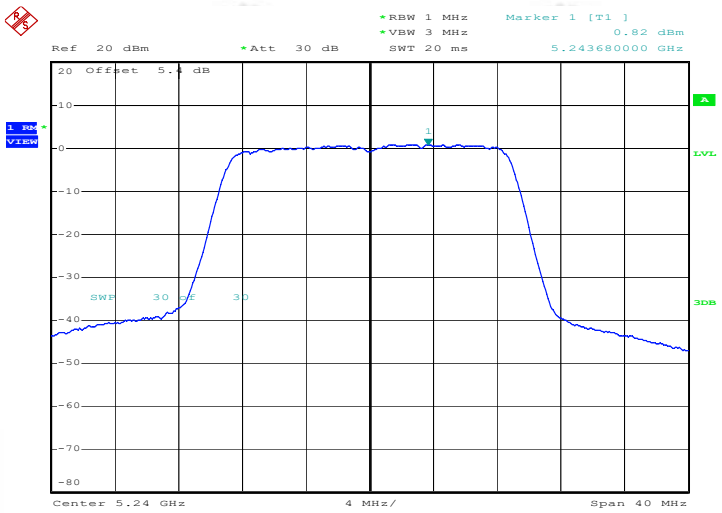
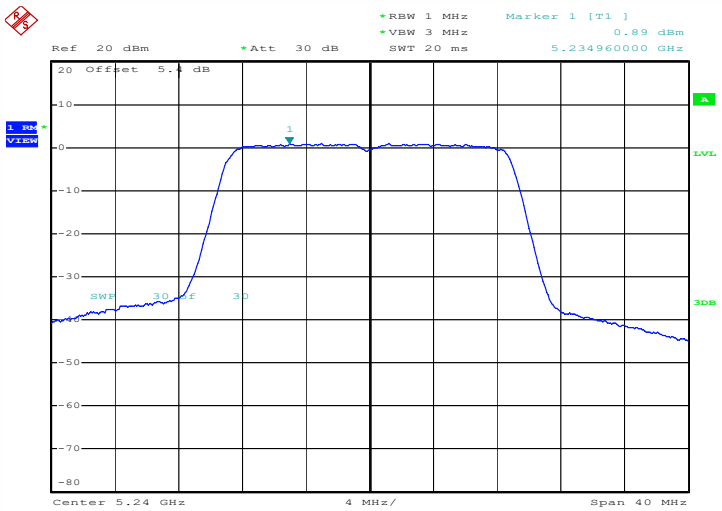


Date: 17.AUG.2022 20:18:41

11AC20MIMO_Ant1_5240



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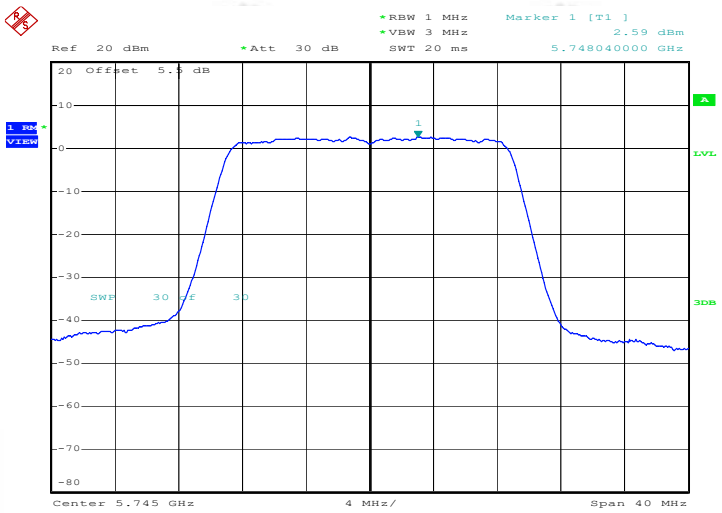

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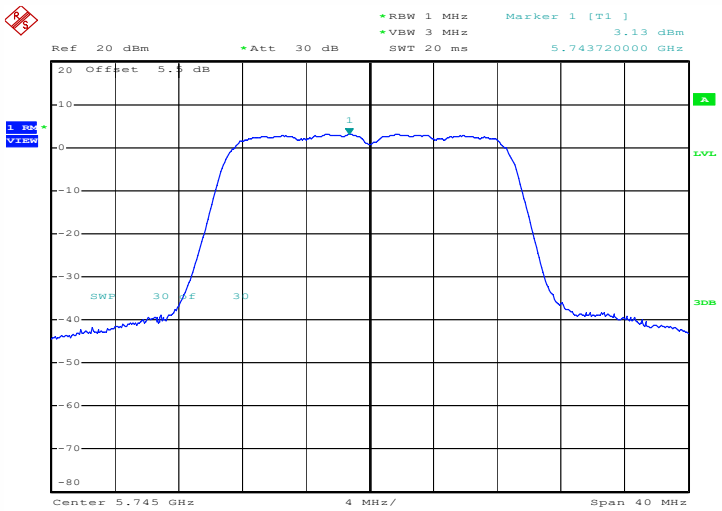
11AC20MIMO_Ant1_5745



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