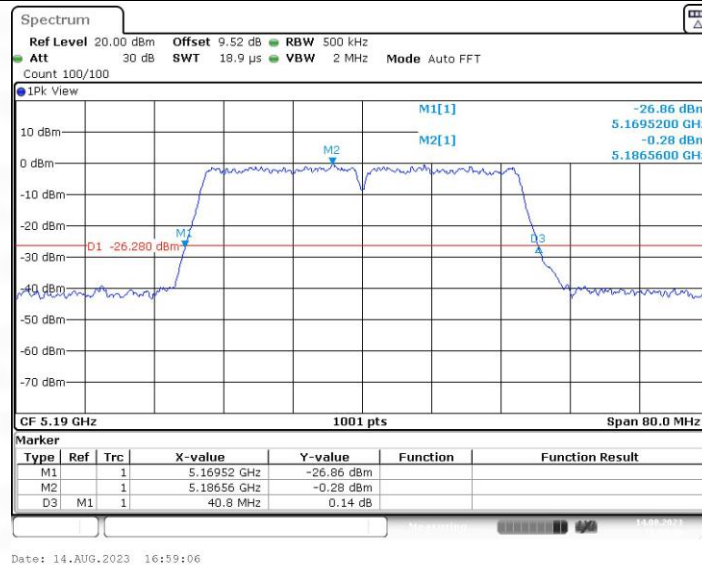
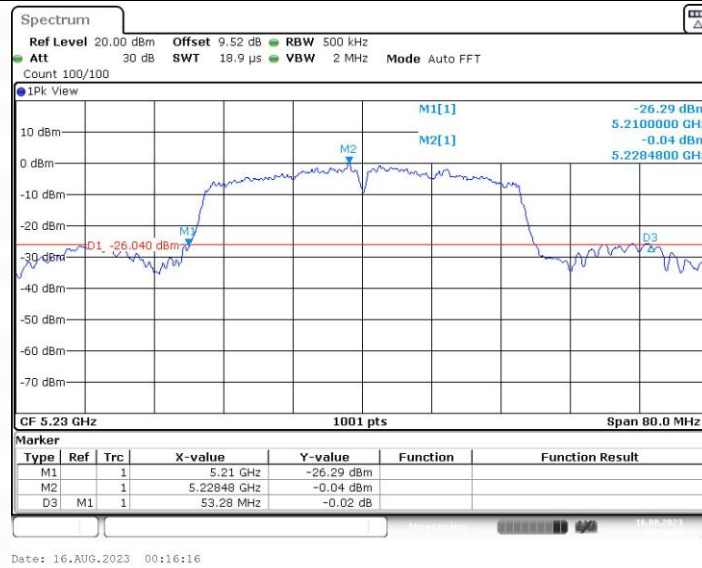
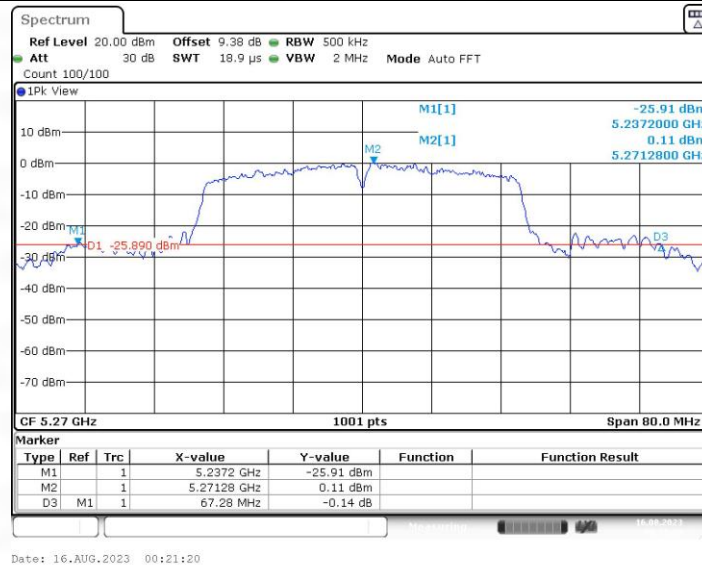




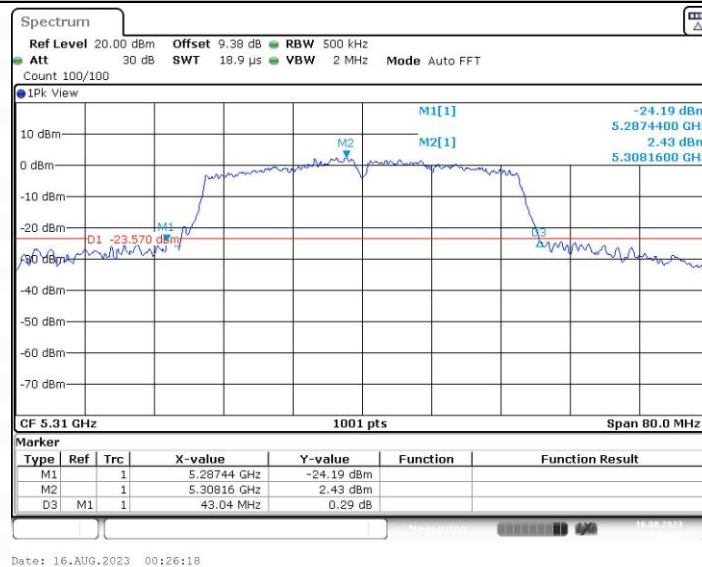
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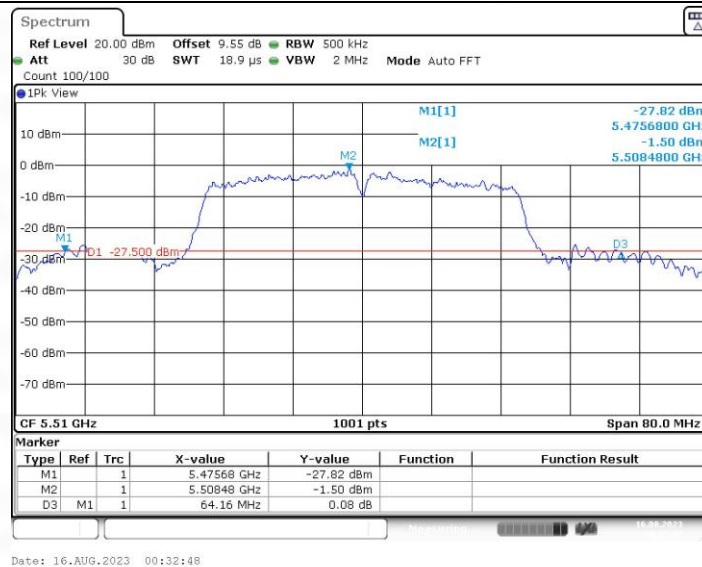
11N40SISO_Ant1_5270



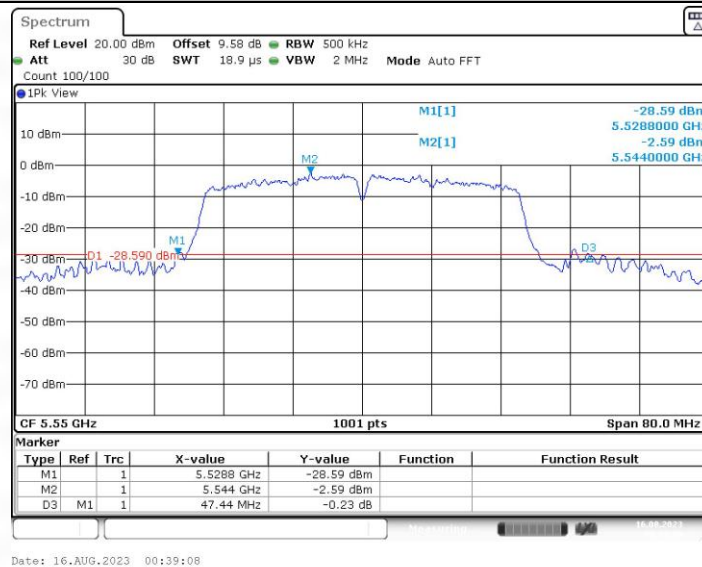
11N40SISO_Ant1_5310



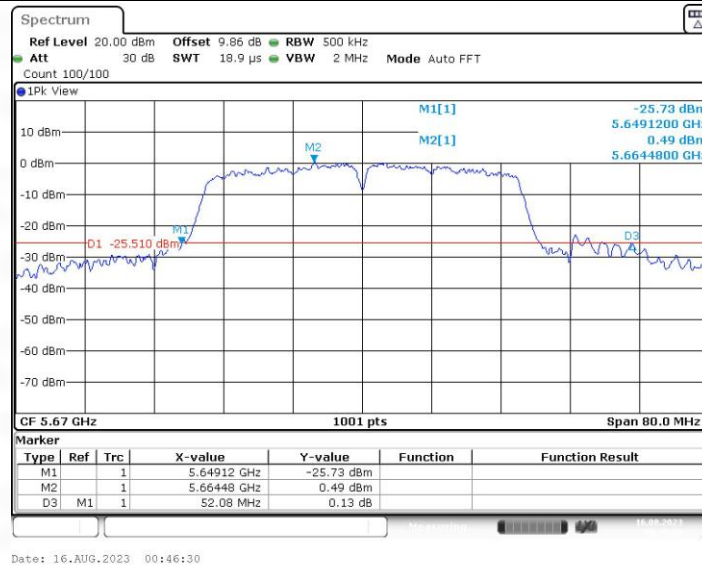
11N40SISO_Ant1_5510



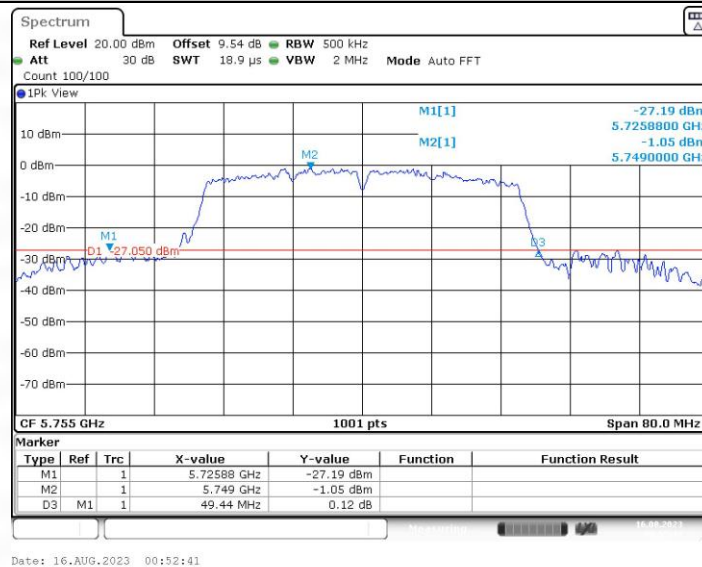
11N40SISO_Ant1_5550



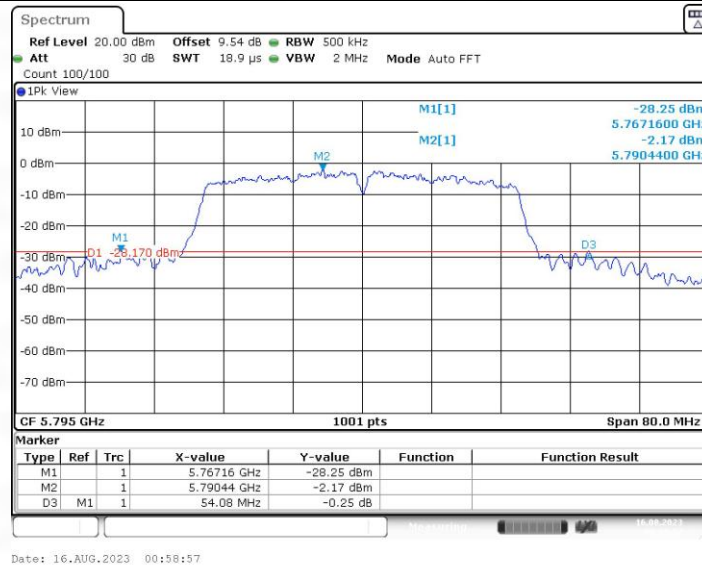
11N40SISO_Ant1_5670



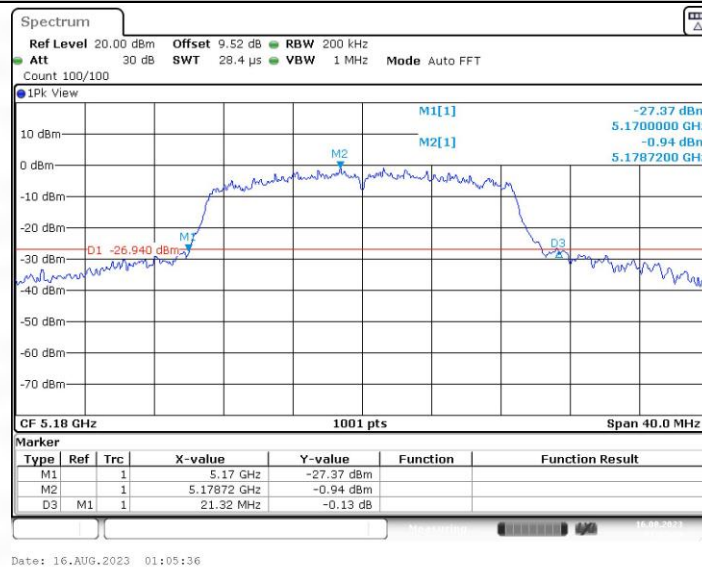
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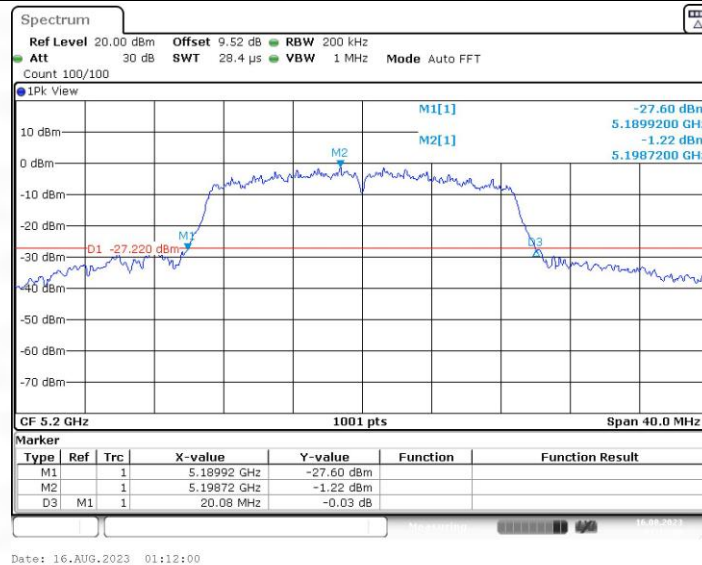
11N40SISO_Ant1_5795



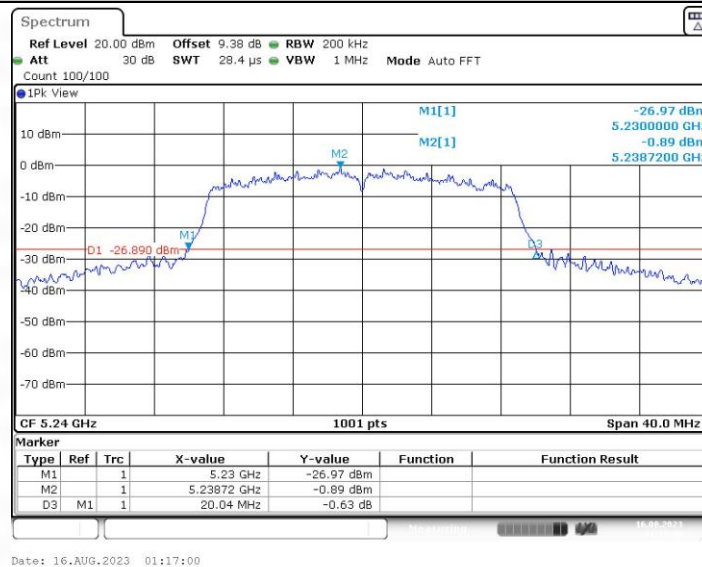
11AC20SISO_Ant1_5180



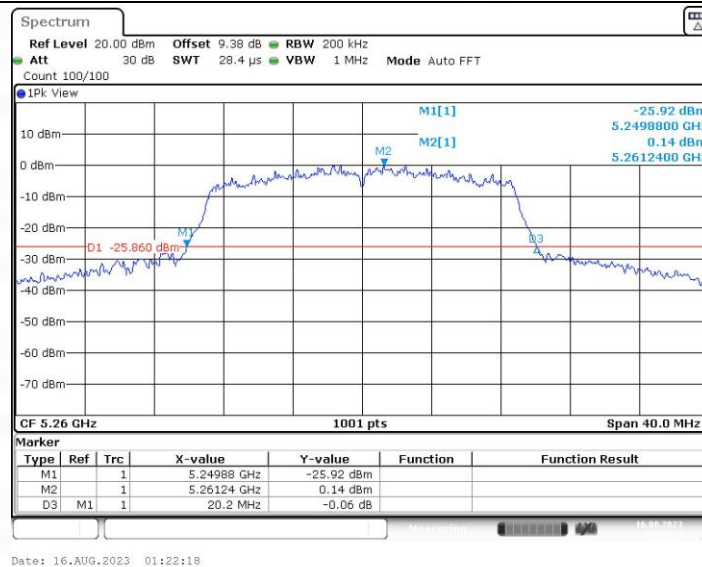
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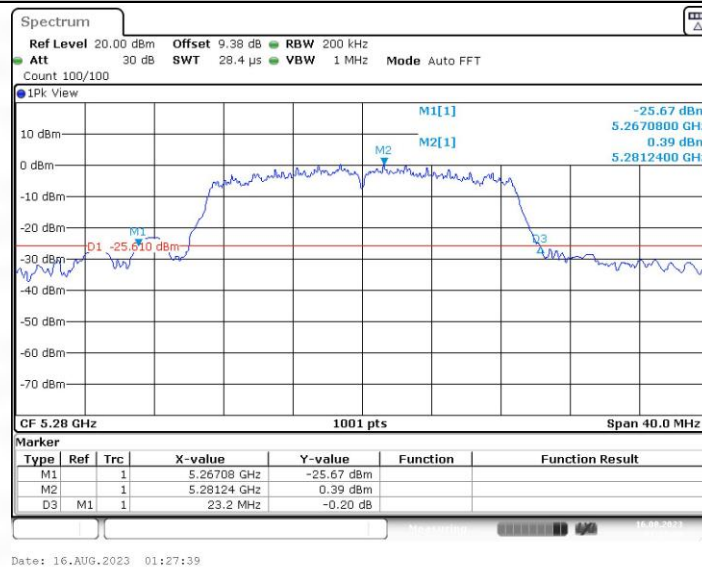
11AC20SISO_Ant1_5240



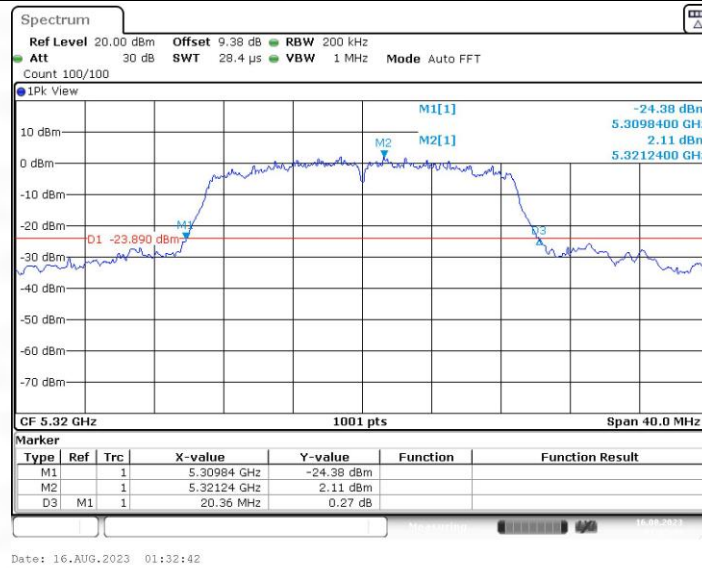
11AC20SISO_Ant1_5260



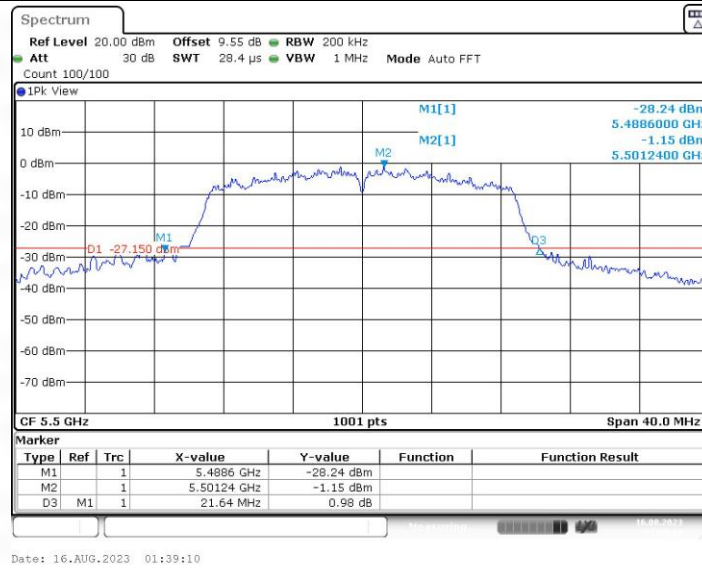
11AC20SISO_Ant1_5280



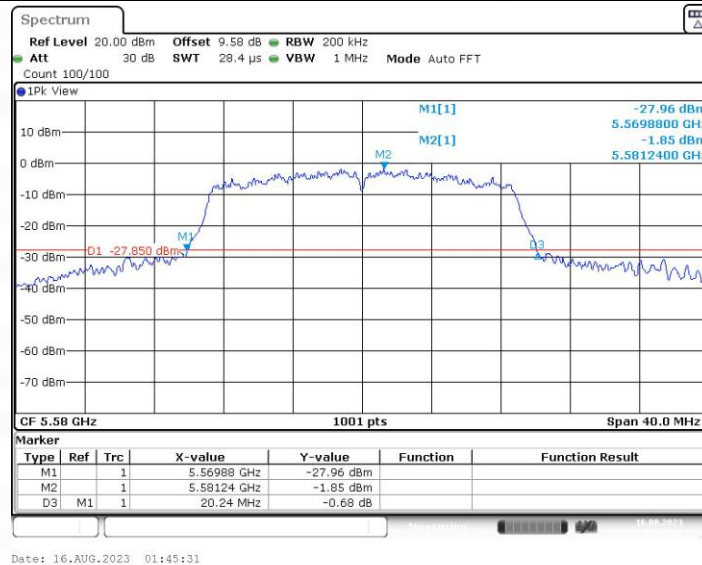
11AC20SISO_Ant1_5320



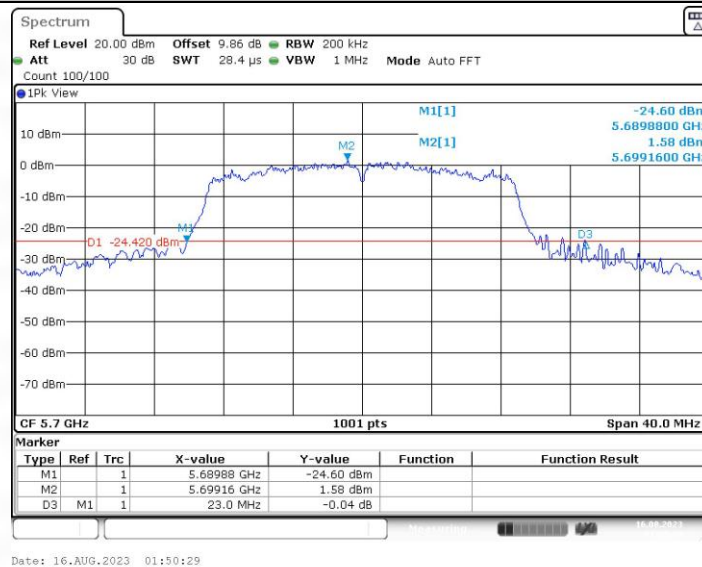
11AC20SISO_Ant1_5500



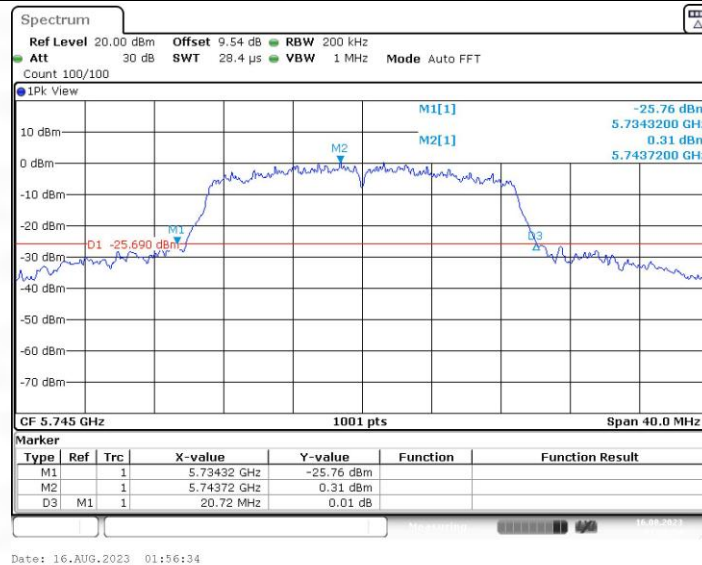
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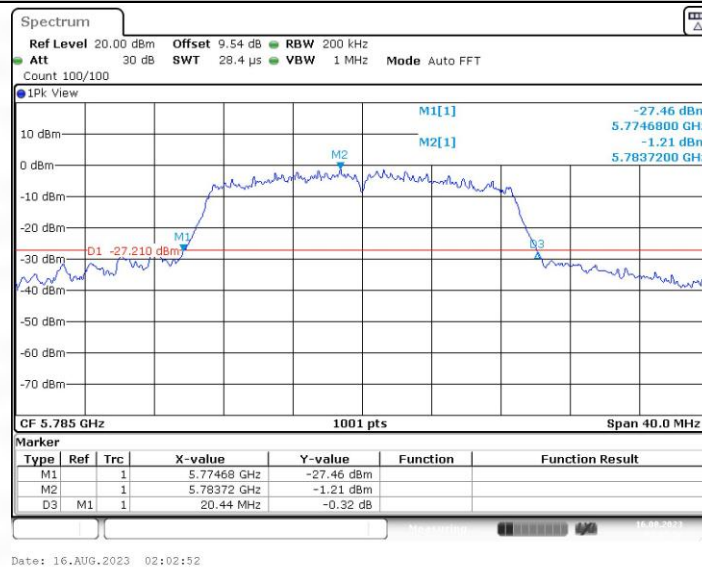
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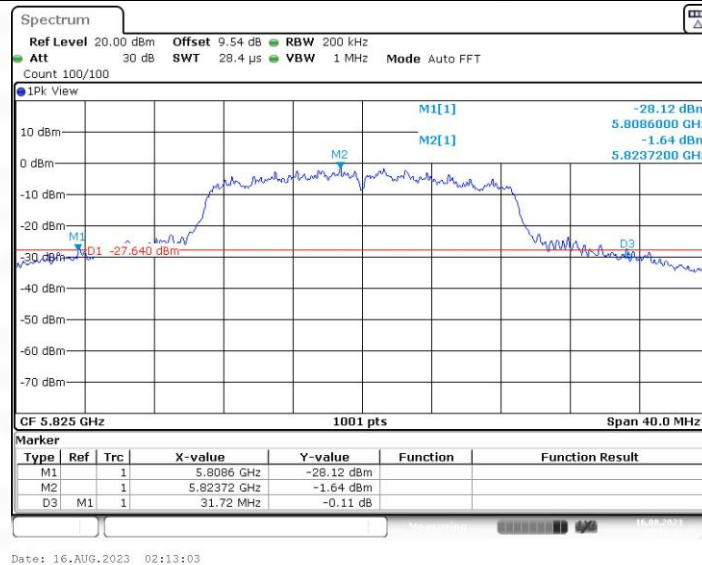
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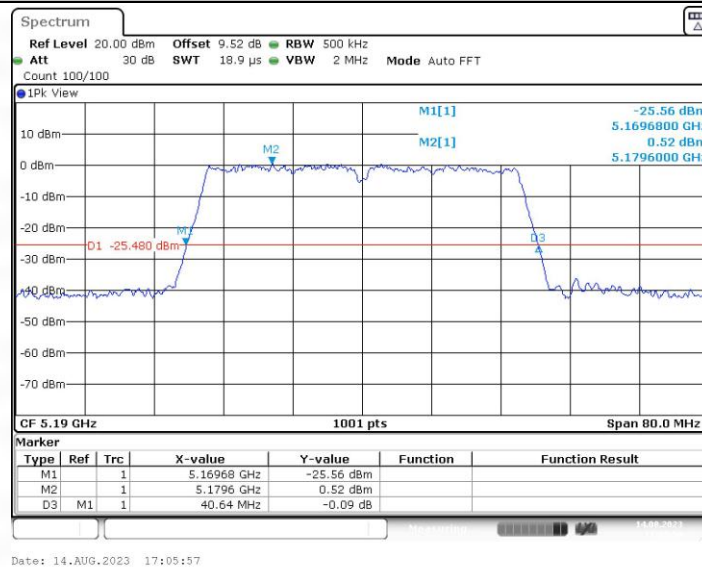
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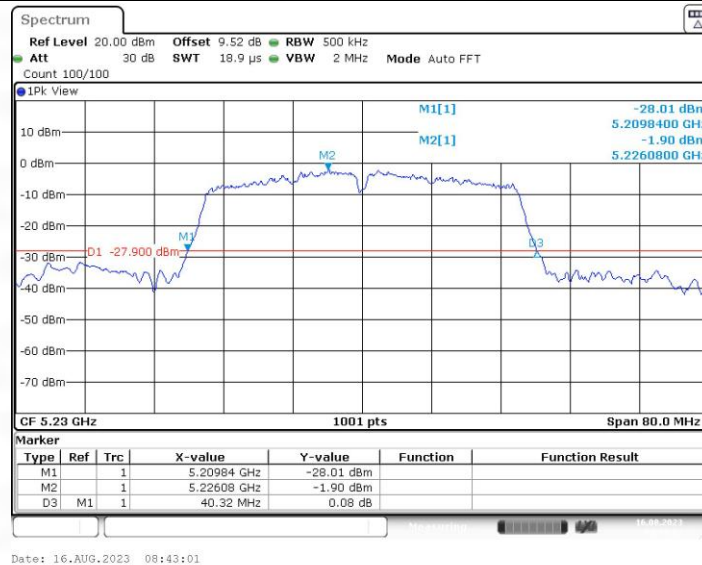
11AC20SISO_Ant1_5825



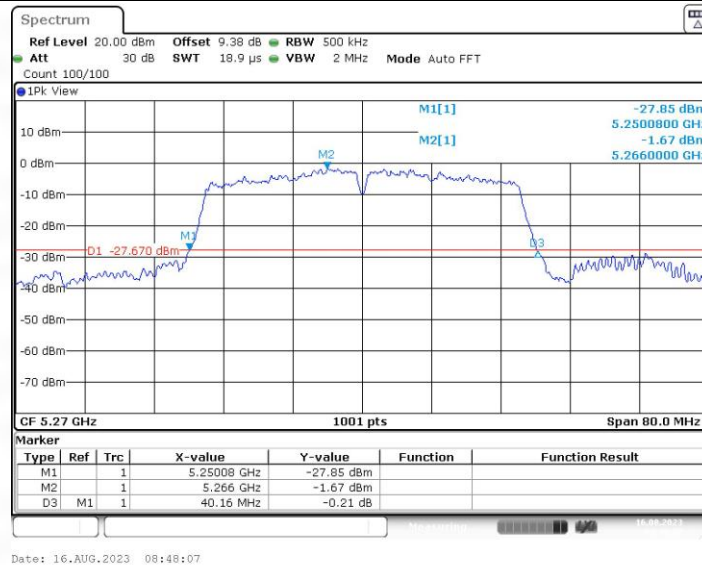
11AC40SISO_Ant1_5190



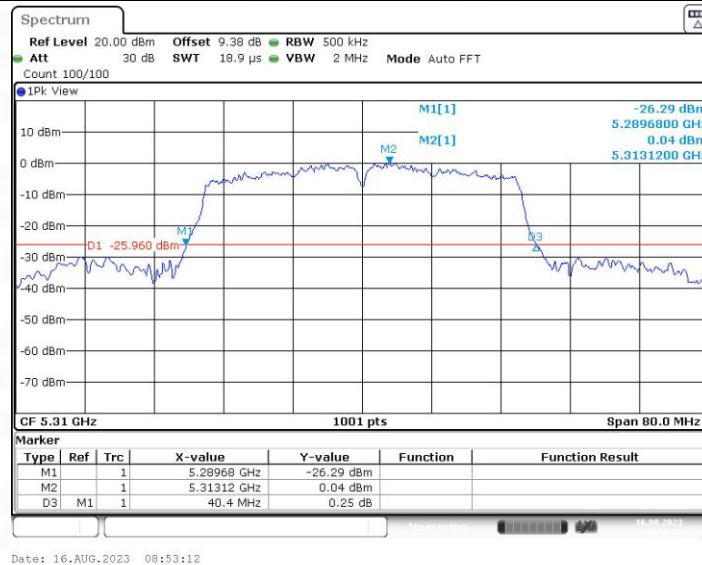
11AC40SISO_Ant1_5230



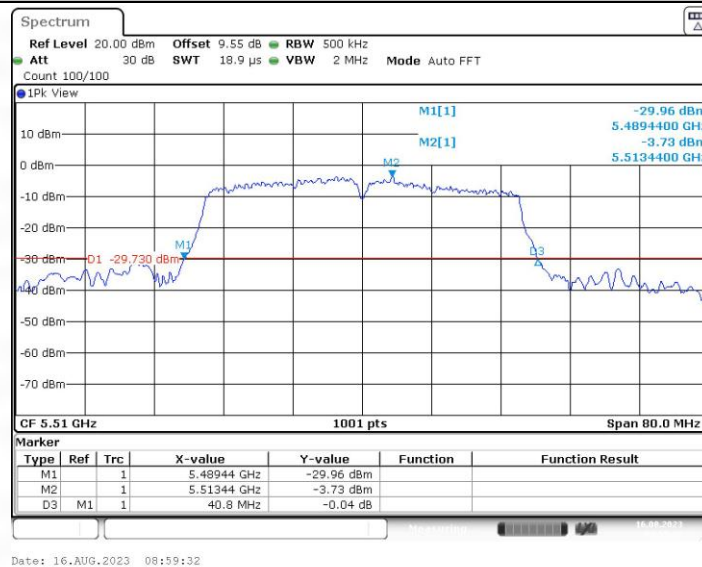
11AC40SISO_Ant1_5270



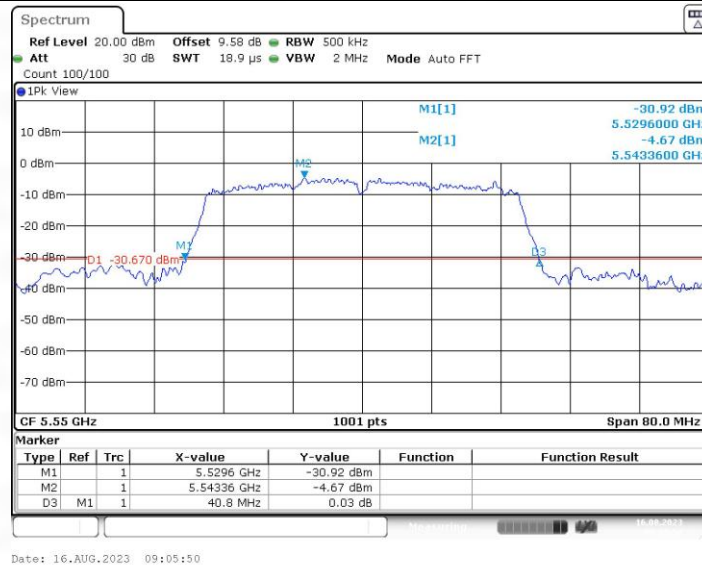
11AC40SISO_Ant1_5310



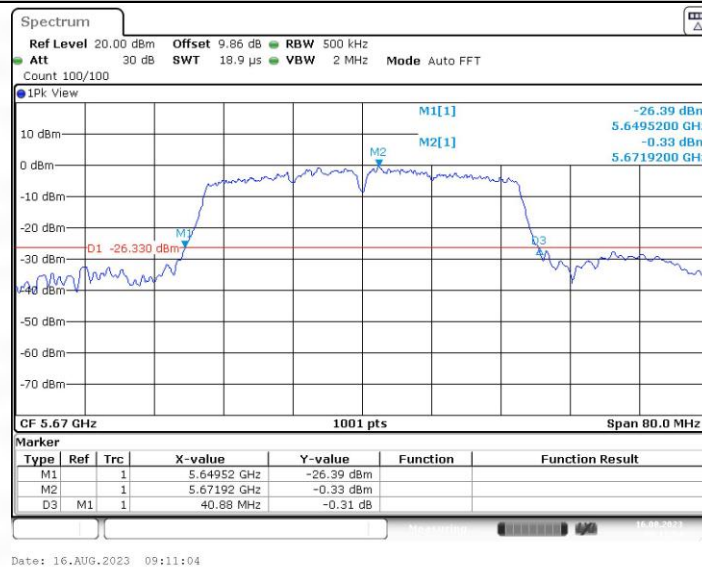
11AC40SISO_Ant1_5510



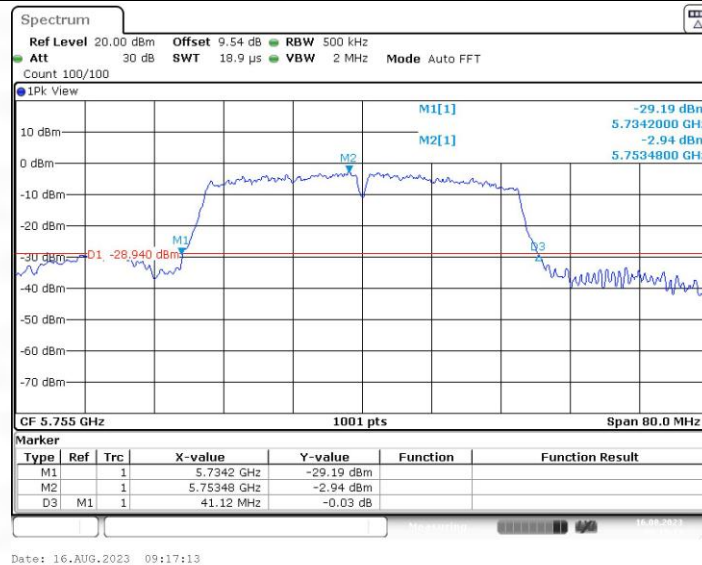
11AC40SISO_Ant1_5550



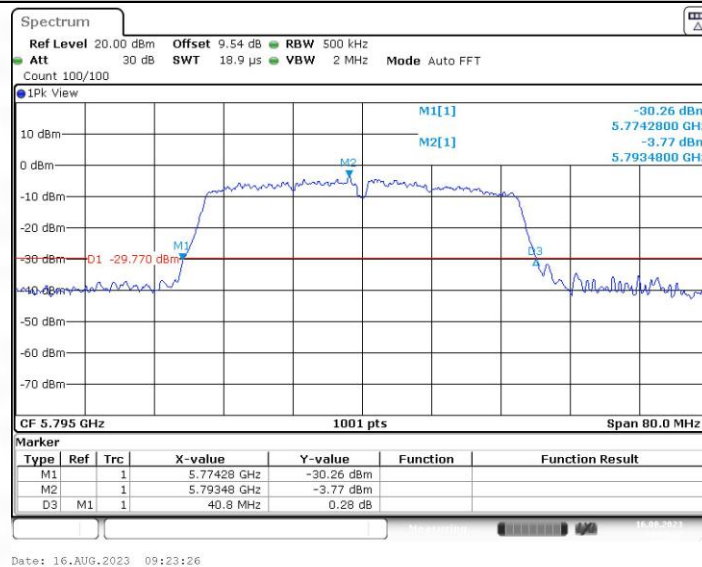
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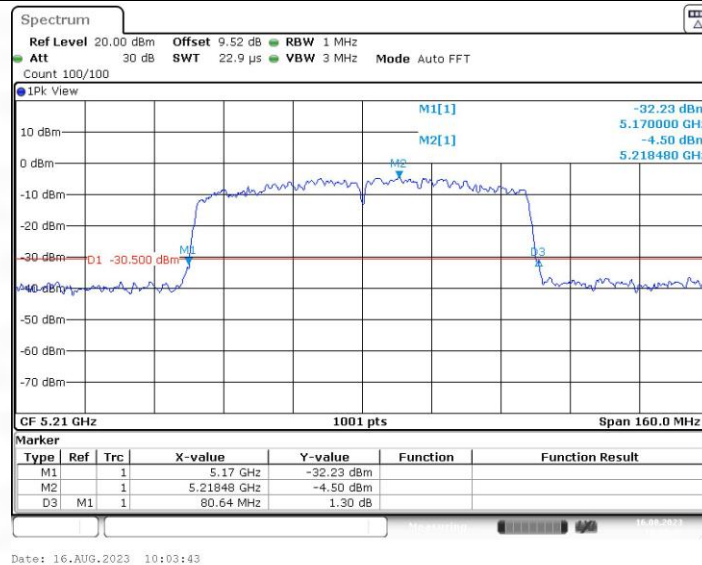
11AC40SISO_Ant1_5755



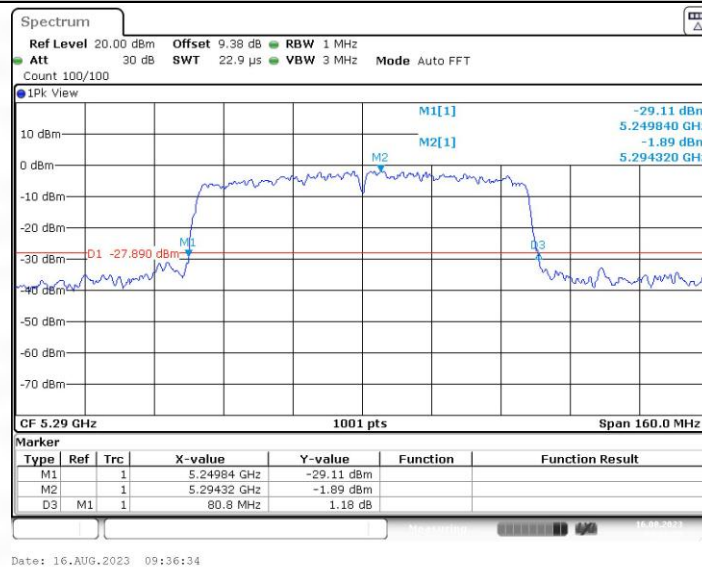
11AC40SISO_Ant1_5795



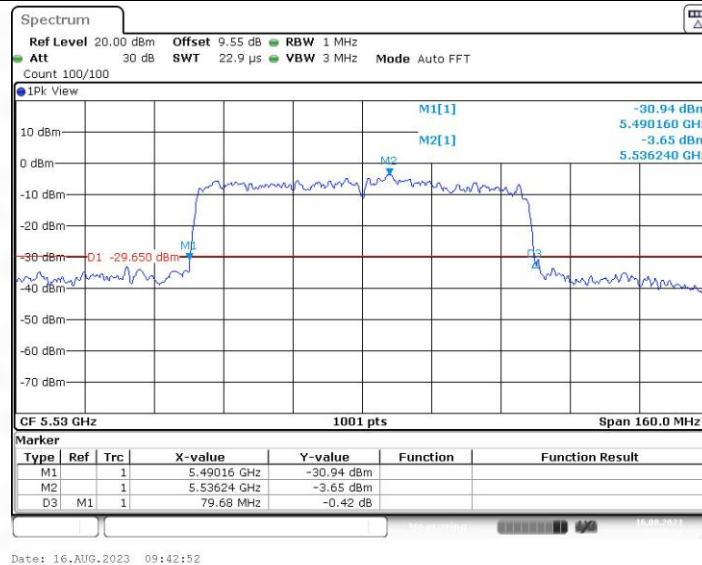
11AC80SISO_Ant1_5210



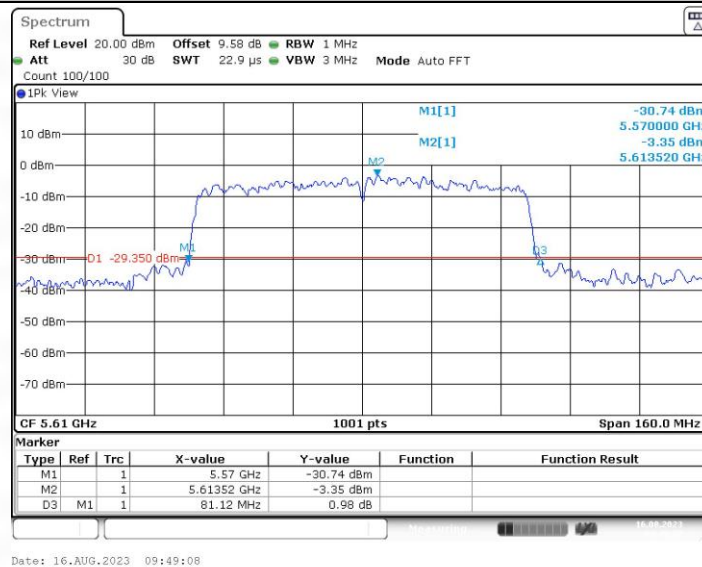
11AC80SISO_Ant1_5290



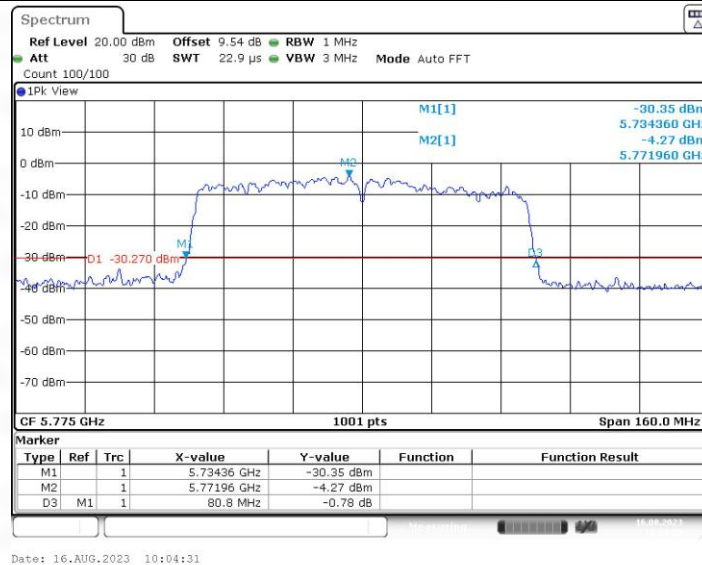
11AC80SISO_Ant1_5530



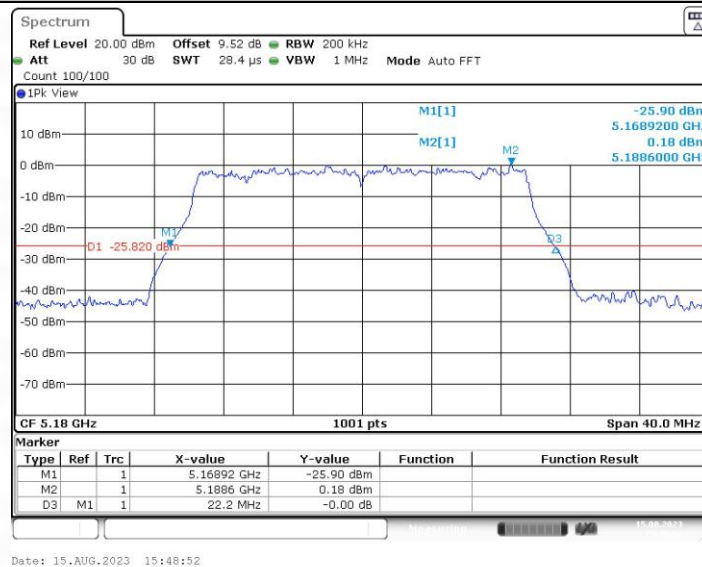
11AC80SISO_Ant1_5610



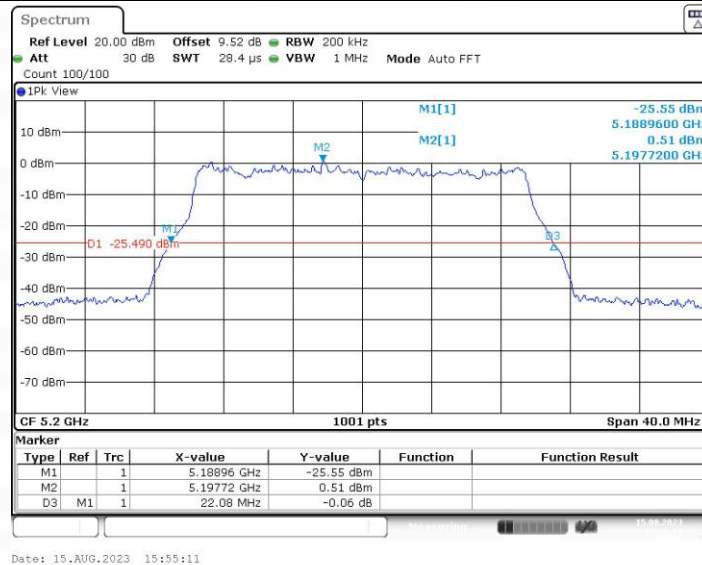
11AC80SISO_Ant1_5775



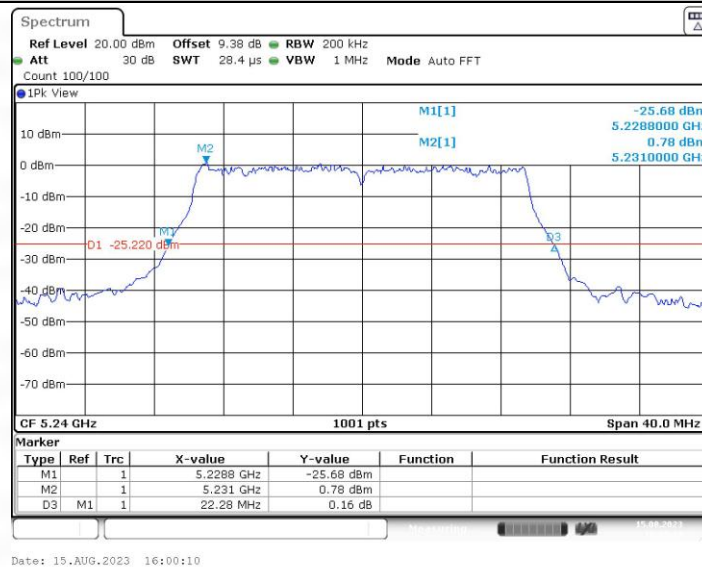
11AX20SISO_Ant1_5180



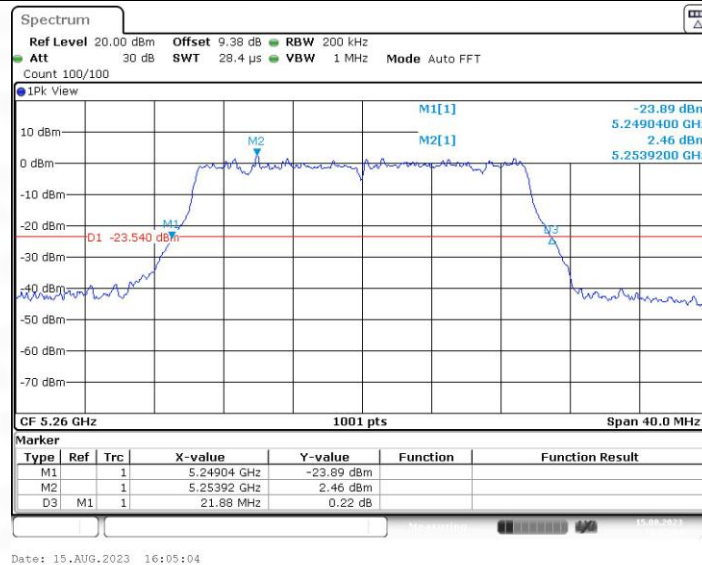
11AX20SISO_Ant1_5200



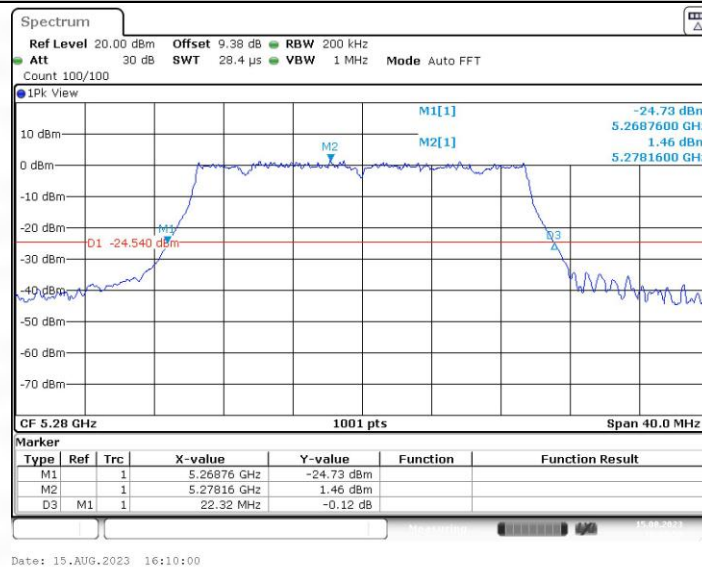
11AX20SISO_Ant1_5240



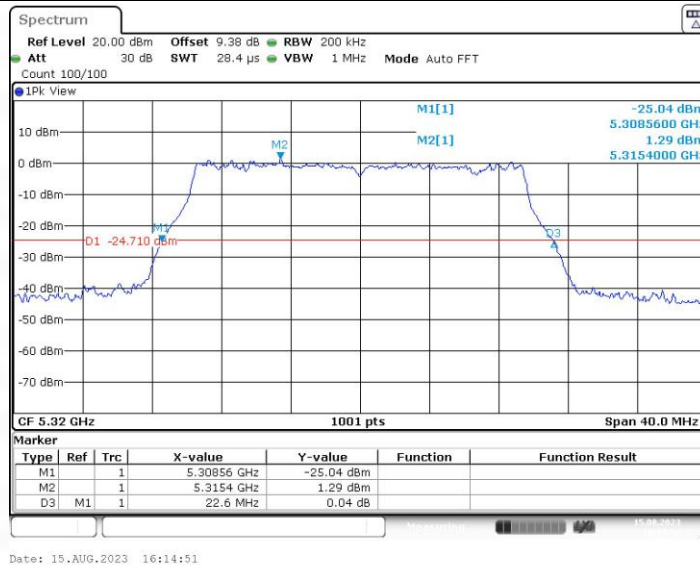
11AX20SISO_Ant1_5260



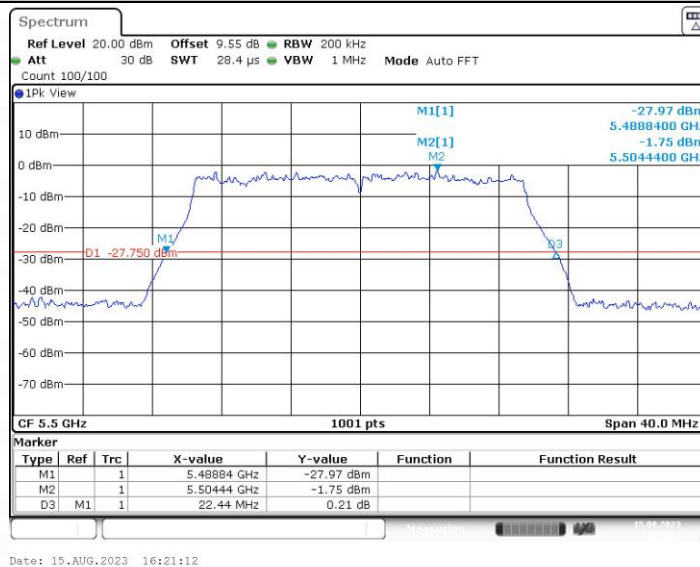
11AX20SISO_Ant1_5280



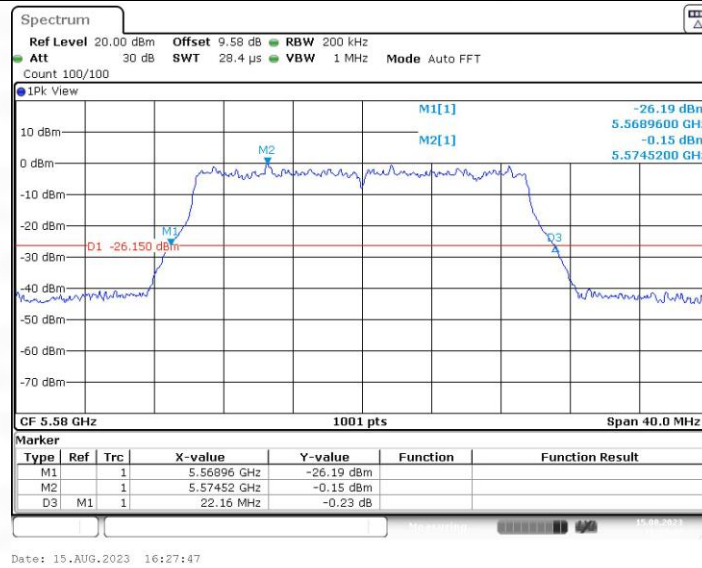
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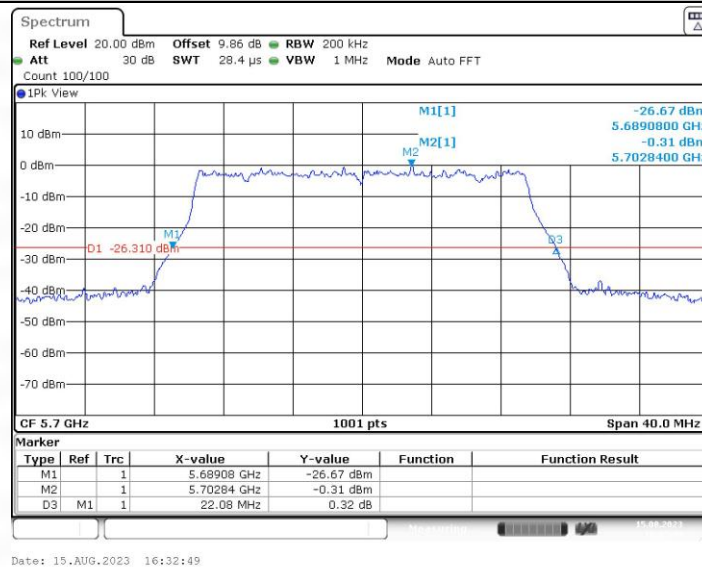
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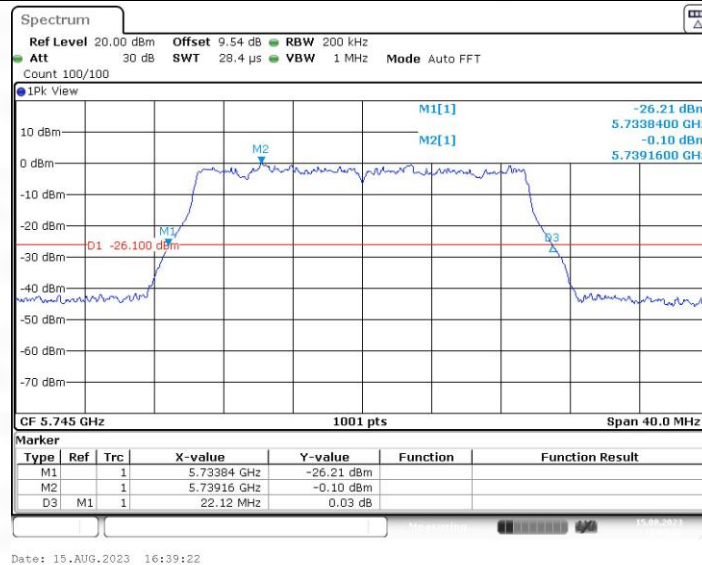
11AX20SISO_Ant1_5580



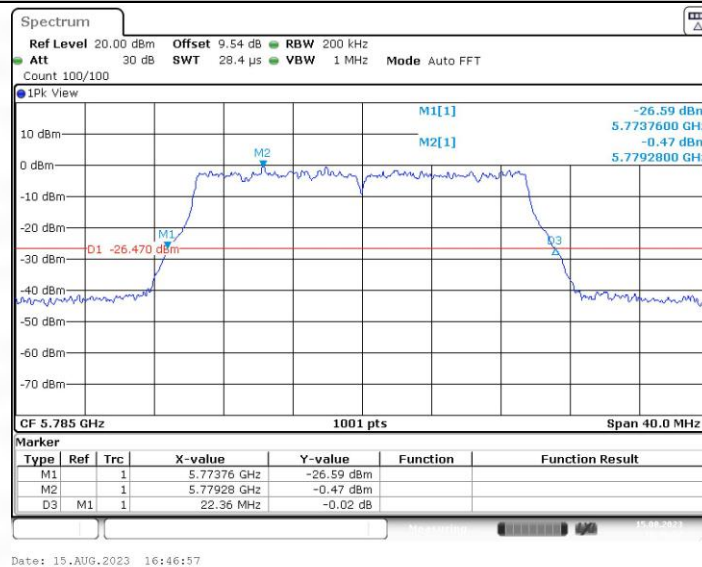
11AX20SISO_Ant1_5700



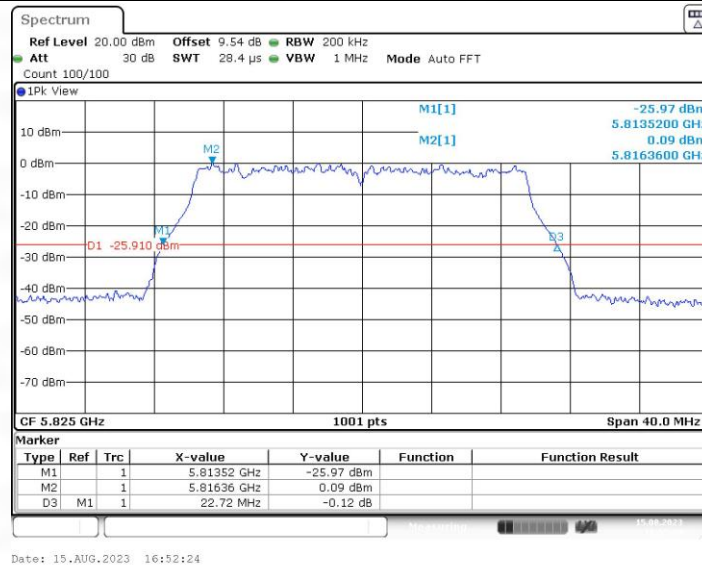
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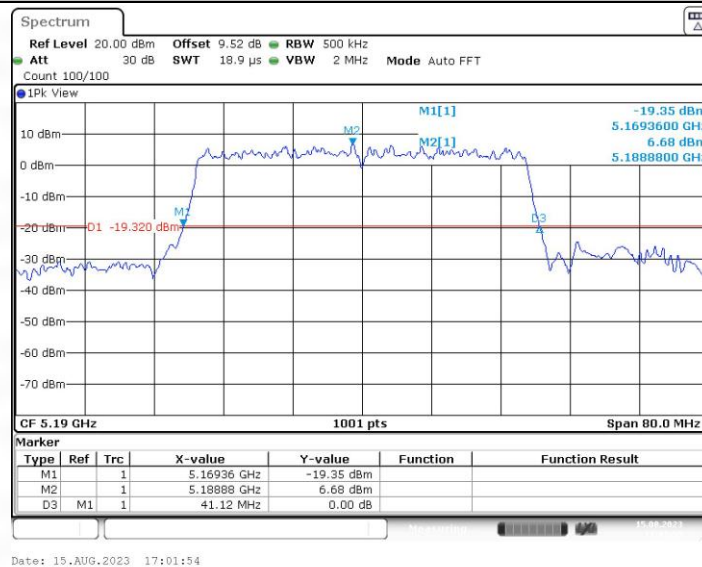
11AX20SISO_Ant1_5785



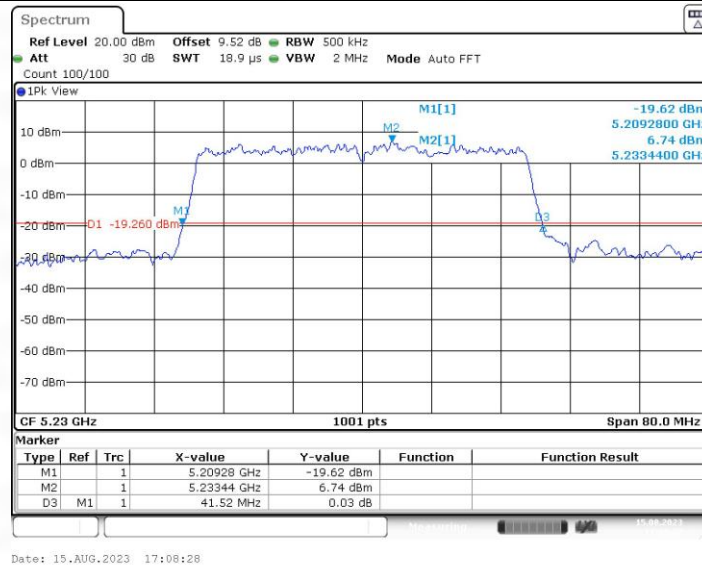
11AX20SISO_Ant1_5825



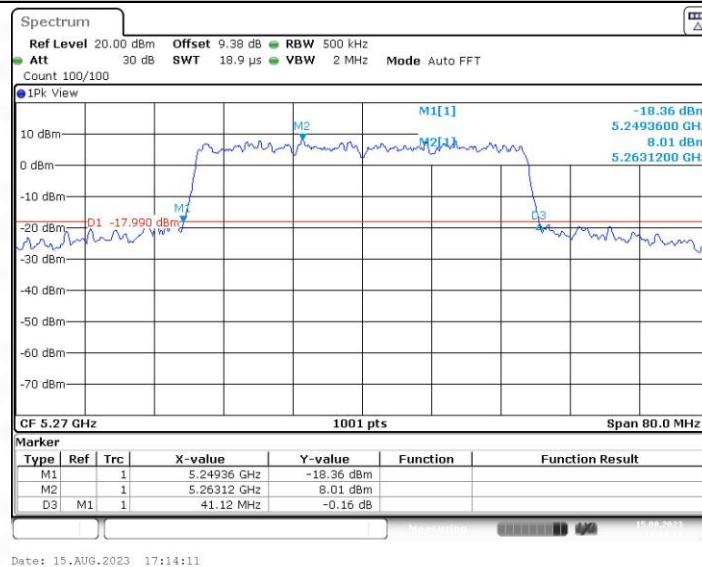
11AX40SISO_Ant1_5190



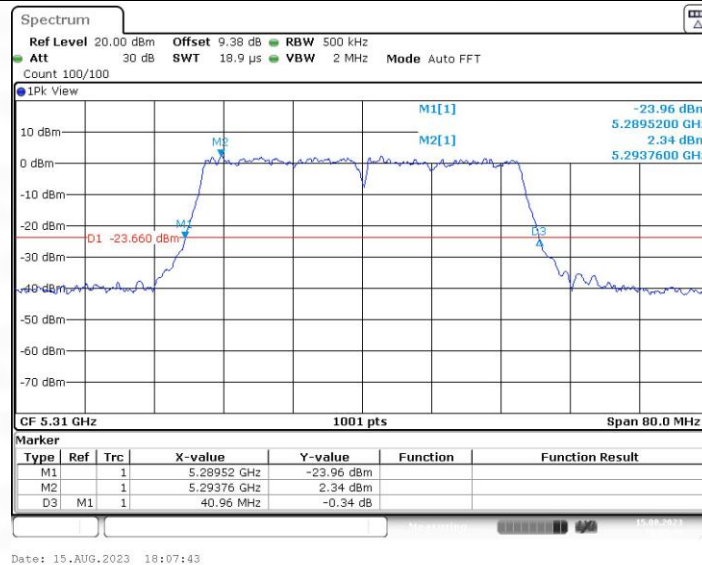
11AX40SISO_Ant1_5230



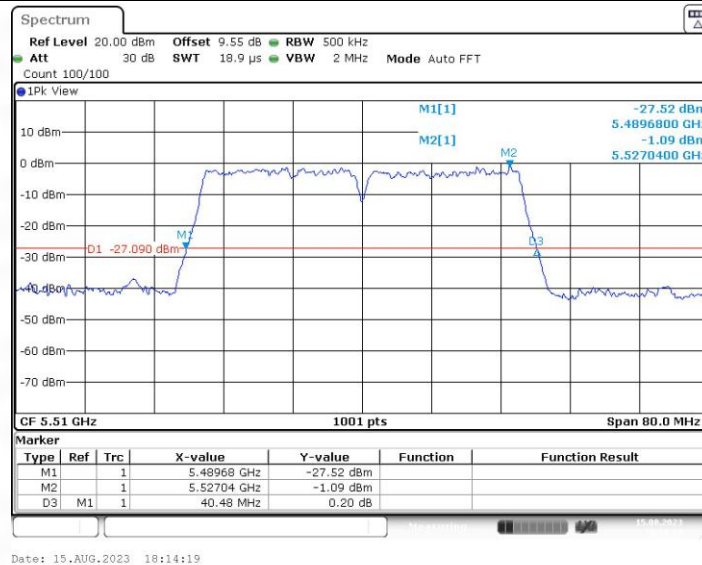
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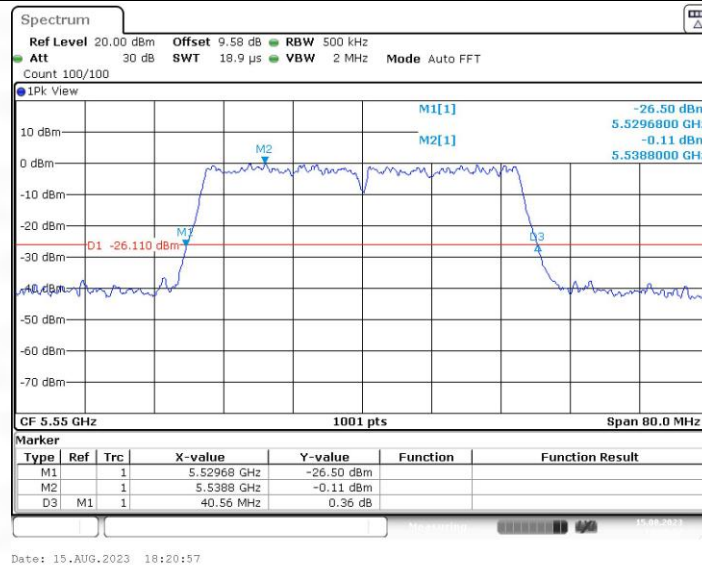
11AX40SISO_Ant1_5310



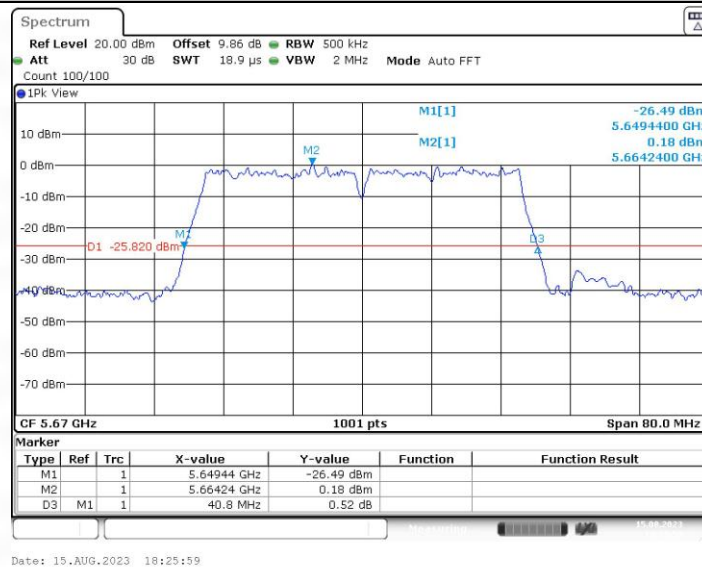
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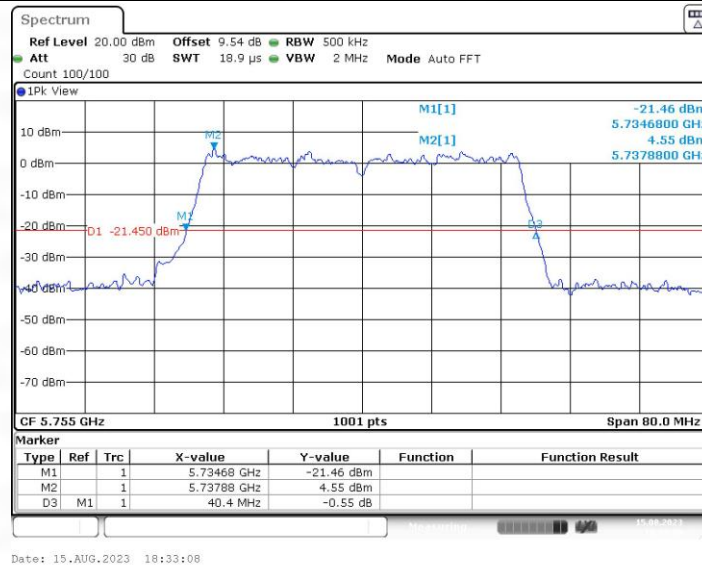
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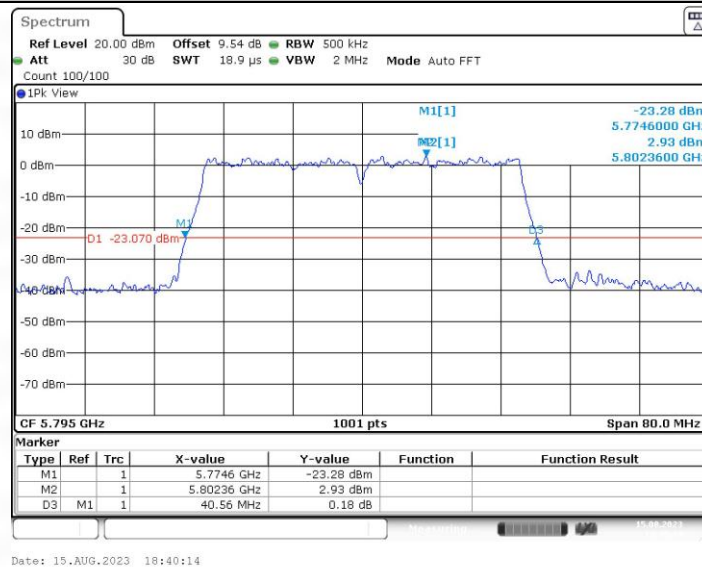
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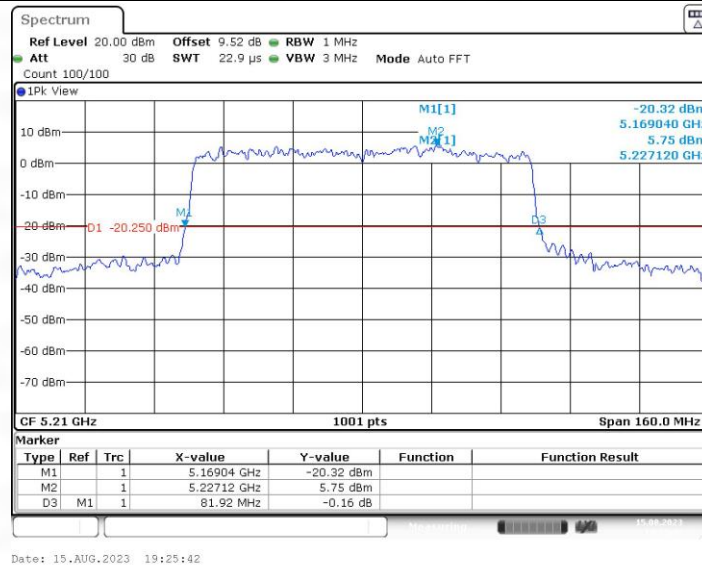
11AX40SISO_Ant1_5755



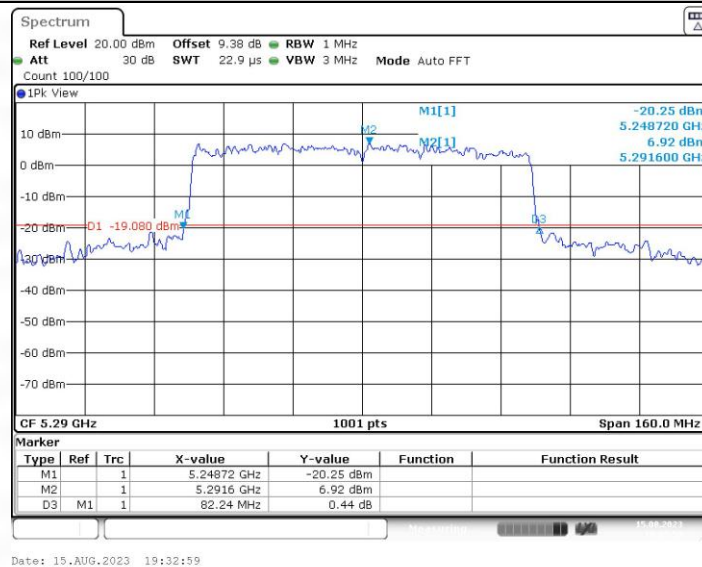
11AX40SISO_Ant1_5795



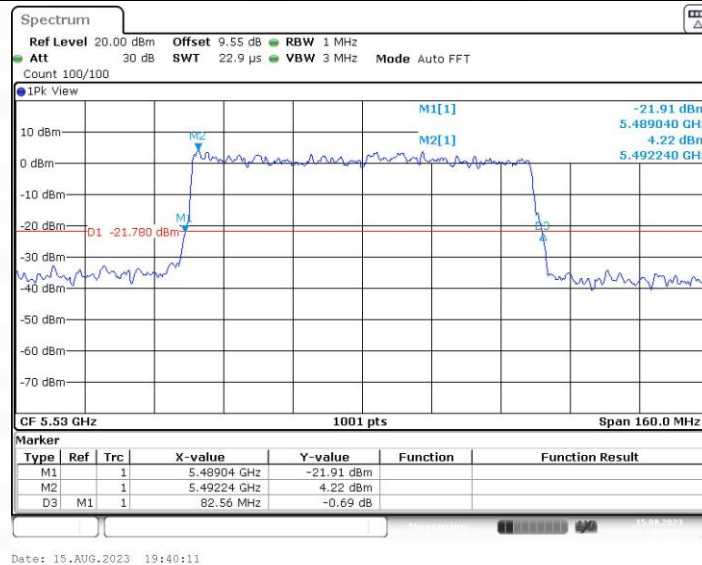
11AX80SISO_Ant1_5210



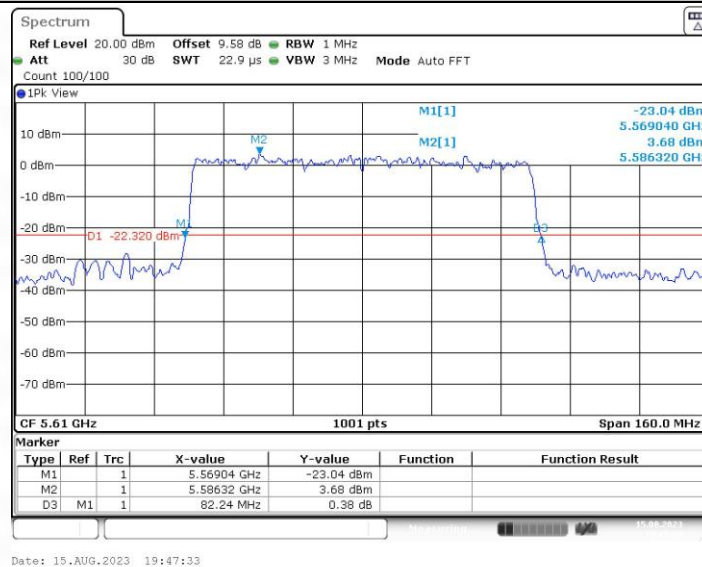
11AX80SISO_Ant1_5290



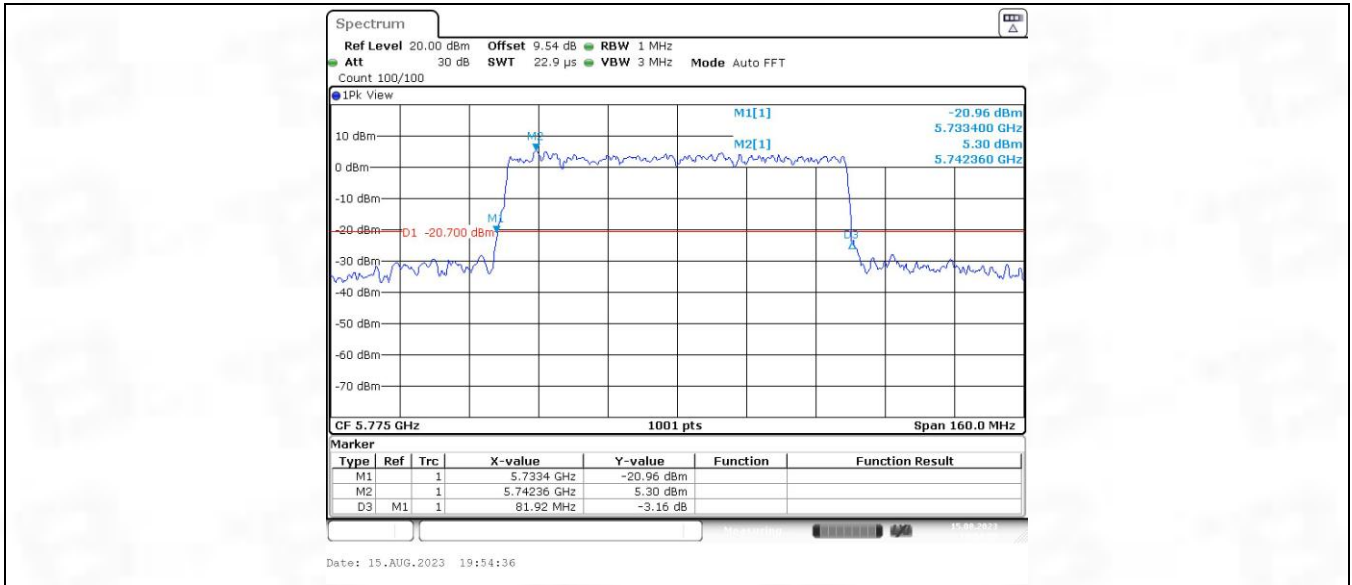
11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



11AX80SISO_Ant1_5775



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Band 1 (5150-5250 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	16.70	0	16.70	24	Pass
NVNT	a	5200	Ant1	17.33	0	17.33	24	Pass
NVNT	a	5240	Ant1	16.90	0	16.90	24	Pass
NVNT	ac20	5180	Ant1	17.75	0	17.75	24	Pass
NVNT	ac20	5200	Ant1	16.92	0	16.92	24	Pass
NVNT	ac20	5240	Ant1	16.64	0	16.64	24	Pass
NVNT	ac40	5190	Ant1	17.16	0	17.16	24	Pass
NVNT	ac40	5230	Ant1	17.43	0	17.43	24	Pass
NVNT	ac80	5210	Ant1	16.54	0	16.54	24	Pass
NVNT	ax20	5180	Ant1	17.06	0	17.06	24	Pass
NVNT	ax20	5200	Ant1	16.54	0	16.54	24	Pass
NVNT	ax20	5240	Ant1	17.68	0	17.68	24	Pass
NVNT	ax40	5190	Ant1	16.50	0	16.50	24	Pass
NVNT	ax40	5230	Ant1	16.71	0	16.71	24	Pass
NVNT	ax80	5210	Ant1	17.38	0	17.38	24	Pass
NVNT	n20	5180	Ant1	16.56	0	16.56	24	Pass
NVNT	n20	5200	Ant1	16.36	0	16.36	24	Pass
NVNT	n20	5240	Ant1	17.06	0	17.06	24	Pass
NVNT	n40	5190	Ant1	16.59	0	16.59	24	Pass
NVNT	n40	5230	Ant1	17.61	0	17.61	24	Pass

Band 2 (5250 -5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	17.68	0	17.68	24	Pass
NVNT	a	5280	Ant1	16.78	0	16.78	24	Pass
NVNT	a	5320	Ant1	17.64	0	17.64	24	Pass
NVNT	ac20	5260	Ant1	17.70	0	17.70	24	Pass
NVNT	ac20	5280	Ant1	16.44	0	16.44	24	Pass
NVNT	ac20	5320	Ant1	17.60	0	17.60	24	Pass
NVNT	ac40	5270	Ant1	17.22	0	17.22	24	Pass
NVNT	ac40	5310	Ant1	16.62	0	16.62	24	Pass
NVNT	ac80	5290	Ant1	16.33	0	16.33	24	Pass
NVNT	ax20	5260	Ant1	16.21	0	16.21	24	Pass
NVNT	ax20	5280	Ant1	16.65	0	16.65	24	Pass
NVNT	ax20	5320	Ant1	16.31	0	16.31	24	Pass
NVNT	ax40	5270	Ant1	17.63	0	17.63	24	Pass
NVNT	ax40	5310	Ant1	17.49	0	17.49	24	Pass
NVNT	ax80	5290	Ant1	16.87	0	16.87	24	Pass
NVNT	n20	5260	Ant1	16.89	0	16.89	24	Pass
NVNT	n20	5280	Ant1	17.40	0	17.40	24	Pass
NVNT	n20	5320	Ant1	16.46	0	16.46	24	Pass
NVNT	n40	5270	Ant1	16.25	0	16.25	24	Pass
NVNT	n40	5310	Ant1	17.34	0	17.34	24	Pass

Band 3 (5500 -5700 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	16.67	0	16.67	24	Pass
NVNT	a	5580	Ant1	17.04	0	17.04	24	Pass
NVNT	a	5700	Ant1	16.88	0	16.88	24	Pass
NVNT	ac20	5500	Ant1	17.45	0	17.45	24	Pass
NVNT	ac20	5580	Ant1	17.13	0	17.13	24	Pass
NVNT	ac20	5700	Ant1	17.31	0	17.31	24	Pass
NVNT	ac40	5510	Ant1	17.69	0	17.69	24	Pass
NVNT	ac40	5670	Ant1	17.27	0	17.27	24	Pass
NVNT	ac80	5530	Ant1	16.96	0	16.96	24	Pass
NVNT	ax20	5500	Ant1	16.93	0	16.93	24	Pass
NVNT	ax20	5580	Ant1	16.43	0	16.43	24	Pass
NVNT	ax20	5700	Ant1	16.87	0	16.87	24	Pass
NVNT	ax40	5510	Ant1	17.13	0	17.13	24	Pass
NVNT	ax40	5670	Ant1	17.69	0	17.69	24	Pass
NVNT	ax80	5530	Ant1	17.21	0	17.21	24	Pass
NVNT	n20	5500	Ant1	16.43	0	16.43	24	Pass
NVNT	n20	5580	Ant1	16.43	0	16.43	24	Pass
NVNT	n20	5700	Ant1	17.12	0	17.12	24	Pass
NVNT	n40	5510	Ant1	17.22	0	17.22	24	Pass
NVNT	n40	5670	Ant1	16.27	0	16.27	24	Pass

Band 4 (5725 – 5850 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	17.29	0	17.29	30	Pass
NVNT	a	5785	Ant1	16.47	0	16.47	30	Pass
NVNT	a	5825	Ant1	17.63	0	17.63	30	Pass
NVNT	ac20	5745	Ant1	17.64	0	17.64	30	Pass
NVNT	ac20	5785	Ant1	16.48	0	16.48	30	Pass
NVNT	ac20	5825	Ant1	16.48	0	16.48	30	Pass
NVNT	ac40	5755	Ant1	16.87	0	16.87	30	Pass
NVNT	ac40	5795	Ant1	17.68	0	17.68	30	Pass
NVNT	ac80	5775	Ant1	16.79	0	16.79	30	Pass
NVNT	ax20	5745	Ant1	17.47	0	17.47	30	Pass
NVNT	ax20	5785	Ant1	16.63	0	16.63	30	Pass
NVNT	ax20	5825	Ant1	17.82	0	17.82	30	Pass
NVNT	ax40	5755	Ant1	16.48	0	16.48	30	Pass
NVNT	ax40	5795	Ant1	16.81	0	16.81	30	Pass
NVNT	ax80	5775	Ant1	17.03	0	17.03	30	Pass
NVNT	n20	5745	Ant1	17.82	0	17.82	30	Pass
NVNT	n20	5785	Ant1	16.87	0	16.87	30	Pass
NVNT	n20	5825	Ant1	16.81	0	16.81	30	Pass
NVNT	n40	5755	Ant1	17.52	0	17.52	30	Pass
NVNT	n40	5795	Ant1	16.80	0	16.80	30	Pass

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.48	≤11.00	PASS
		5200	-3.06	≤11.00	PASS
		5240	-3.18	≤11.00	PASS
		5260	0.56	≤11.00	PASS
		5280	-2.51	≤11.00	PASS
		5320	-1.6	≤11.00	PASS
		5500	-4.22	≤11.00	PASS
		5580	-4.18	≤11.00	PASS
		5700	-0.91	≤11.00	PASS
		5745	-5.68	≤30.00	PASS
		5785	-6.97	≤30.00	PASS
		5825	-9.48	≤30.00	PASS
11N20SISO	Ant1	5180	-1.82	≤11.00	PASS
		5200	-4.19	≤11.00	PASS
		5240	-4.6	≤11.00	PASS
		5260	-2.84	≤11.00	PASS
		5280	-2.84	≤11.00	PASS
		5320	-0.91	≤11.00	PASS
		5500	-5.15	≤11.00	PASS
		5580	-4.95	≤11.00	PASS
		5700	-1.53	≤11.00	PASS
		5745	-6.77	≤30.00	PASS
		5785	-7.7	≤30.00	PASS
		5825	-6.15	≤30.00	PASS
11N40SISO	Ant1	5190	-4.15	≤11.00	PASS
		5230	-5.04	≤11.00	PASS
		5270	-3.68	≤11.00	PASS
		5310	-2.16	≤11.00	PASS
		5510	-6.42	≤11.00	PASS
		5550	-6.72	≤11.00	PASS
		5670	-3.81	≤11.00	PASS
		5755	-7.47	≤30.00	PASS

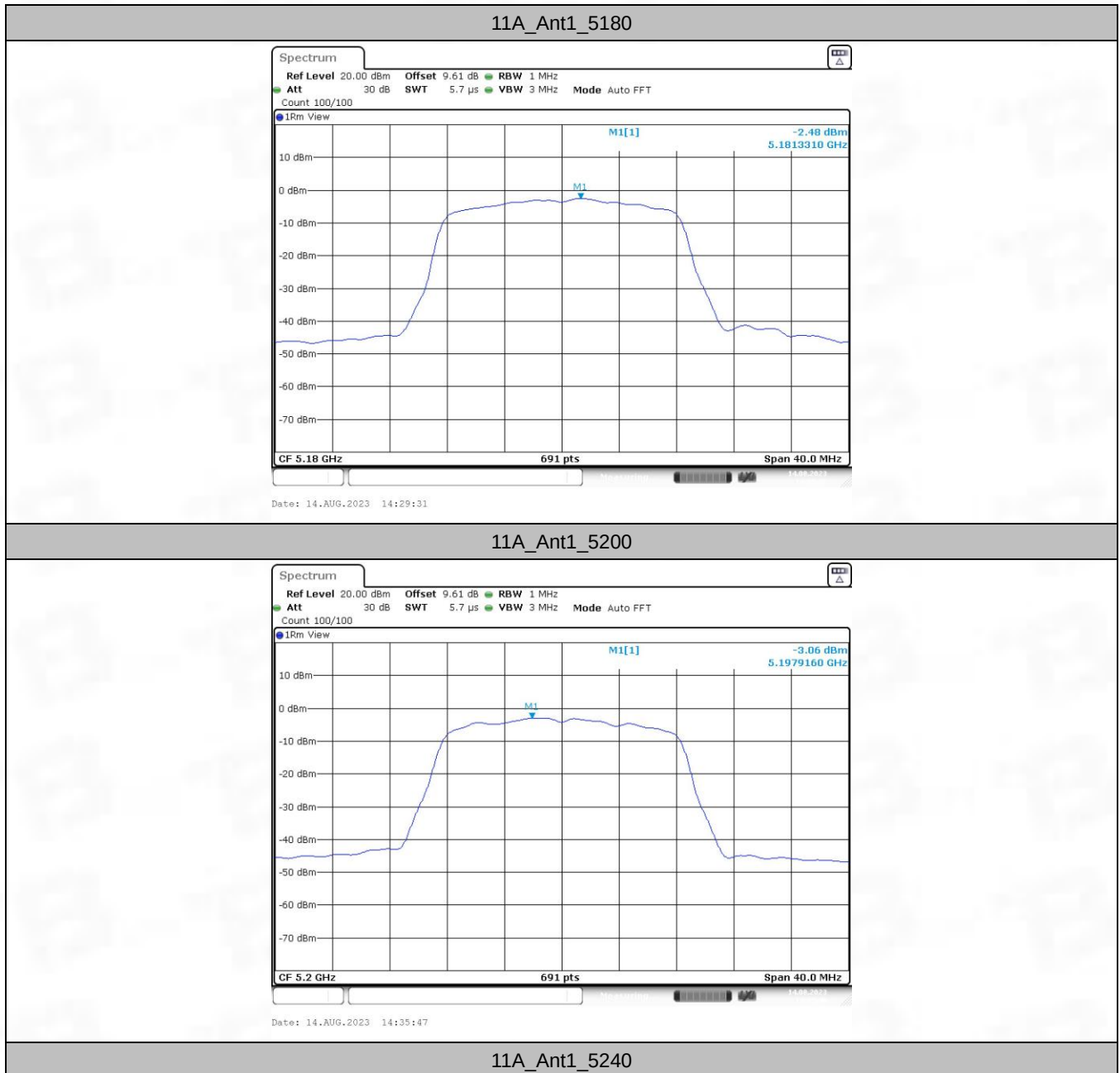
		5795	-9.11	≤30.00	PASS
11AC20SISO	Ant1	5180	-1.91	≤11.00	PASS
		5200	-2.59	≤11.00	PASS
		5240	-2.29	≤11.00	PASS
		5260	-1.38	≤11.00	PASS
		5280	-0.99	≤11.00	PASS
		5320	1.06	≤11.00	PASS
		5500	-2.33	≤11.00	PASS
		5580	-2.39	≤11.00	PASS
		5700	0.73	≤11.00	PASS
		5745	-4.17	≤30.00	PASS
		5785	-5.37	≤30.00	PASS
		5825	-5.91	≤30.00	PASS
11AC40SISO	Ant1	5190	-3.35	≤11.00	PASS
		5230	-5.72	≤11.00	PASS
		5270	-5.65	≤11.00	PASS
		5310	-3.94	≤11.00	PASS
		5510	-8.12	≤11.00	PASS
		5550	-8.52	≤11.00	PASS
		5670	-4.5	≤11.00	PASS
		5755	-9.6	≤30.00	PASS
		5795	-10.79	≤30.00	PASS
11AC80SISO	Ant1	5210	-9.37	≤11.00	PASS
		5290	-7.97	≤11.00	PASS
		5530	-11.46	≤11.00	PASS
		5610	-9.82	≤11.00	PASS
		5775	-12.52	≤30.00	PASS
11AX20SISO	Ant1	5180	-2.24	≤11.00	PASS
		5200	-1.72	≤11.00	PASS
		5240	-1.45	≤11.00	PASS
		5260	-0.44	≤11.00	PASS
		5280	-0.26	≤11.00	PASS
		5320	-0.74	≤11.00	PASS
		5500	-4.13	≤11.00	PASS
		5580	-3.09	≤11.00	PASS
		5700	-2.86	≤11.00	PASS
		5745	-5.1	≤30.00	PASS
		5785	-5.74	≤30.00	PASS
		5825	-4.74	≤30.00	PASS

11AX40SISO	Ant1	5190	-0.3	≤11.00	PASS
		5230	0.61	≤11.00	PASS
		5270	1.9	≤11.00	PASS
		5310	-3.2	≤11.00	PASS
		5510	-6.17	≤11.00	PASS
		5550	-5.18	≤11.00	PASS
		5670	-5.95	≤11.00	PASS
		5755	-5.24	≤30.00	PASS
		5795	-5.14	≤30.00	PASS
11AX80SISO	Ant1	5210	-2.1	≤11.00	PASS
		5290	-0.31	≤11.00	PASS
		5530	-4.54	≤11.00	PASS
		5610	-3.98	≤11.00	PASS
		5775	-5.82	≤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.

4.1.2 Test Graph





11A_Ant1_5260



11A_Ant1_5280