

Appendix C.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	11.13	95.86	0.18	11.31	≤30.00	PASS
		5785	12.29	95.89	0.18	12.47	≤30.00	PASS
		5825	12.29	95.86	0.18	12.47	≤30.00	PASS
11N20SISO	Ant2	5745	11.69	95.62	0.19	11.88	≤30.00	PASS
		5785	12.36	95.62	0.19	12.55	≤30.00	PASS
		5825	11.74	95.62	0.19	11.93	≤30.00	PASS
11N40SISO	Ant2	5755	10.83	91.55	0.38	11.21	≤30.00	PASS
		5795	11.73	91.55	0.38	12.11	≤30.00	PASS
11AC20SISO	Ant2	5745	11.28	91.89	0.37	11.65	≤30.00	PASS
		5785	12.56	91.89	0.37	12.93	≤30.00	PASS
		5825	12.03	92.00	0.36	12.39	≤30.00	PASS
11AC40SISO	Ant2	5755	11.28	85.37	0.69	11.97	≤30.00	PASS
		5795	11.60	85.37	0.69	12.29	≤30.00	PASS
11AC80SISO	Ant2	5775	5.25	33.93	4.69	9.94	≤30.00	PASS
11AX20SISO	Ant2	5745	10.31	90.00	0.46	10.77	≤30.00	PASS
		5785	12.65	90.00	0.46	13.11	≤30.00	PASS
		5825	12.40	90.00	0.46	12.86	≤30.00	PASS
11AX40SISO	Ant2	5755	11.12	85.71	0.67	11.79	≤30.00	PASS
		5795	12.10	83.33	0.79	12.89	≤30.00	PASS
11AX80SISO	Ant2	5775	7.72	31.48	5.02	12.74	≤30.00	PASS

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

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.39	≤30.00	PASS
		5785	-1.47	≤30.00	PASS
		5825	-1.26	≤30.00	PASS
11N20SISO	Ant2	5745	-2.01	≤30.00	PASS
		5785	-1.33	≤30.00	PASS
		5825	-1.97	≤30.00	PASS
11N40SISO	Ant2	5755	-4.7	≤30.00	PASS
		5795	-3.91	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.23	≤30.00	PASS
		5785	-0.97	≤30.00	PASS
		5825	-1.43	≤30.00	PASS
11AC40SISO	Ant2	5755	-3.88	≤30.00	PASS
		5795	-3.49	≤30.00	PASS
11AC80SISO	Ant2	5775	-8.19	≤30.00	PASS
11AX20SISO	Ant2	5745	-3.49	≤30.00	PASS
		5785	-1.09	≤30.00	PASS
		5825	-1.66	≤30.00	PASS
11AX40SISO	Ant2	5755	-4.5	≤30.00	PASS
		5795	-3.38	≤30.00	PASS
11AX80SISO	Ant2	5775	-5.94	≤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_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



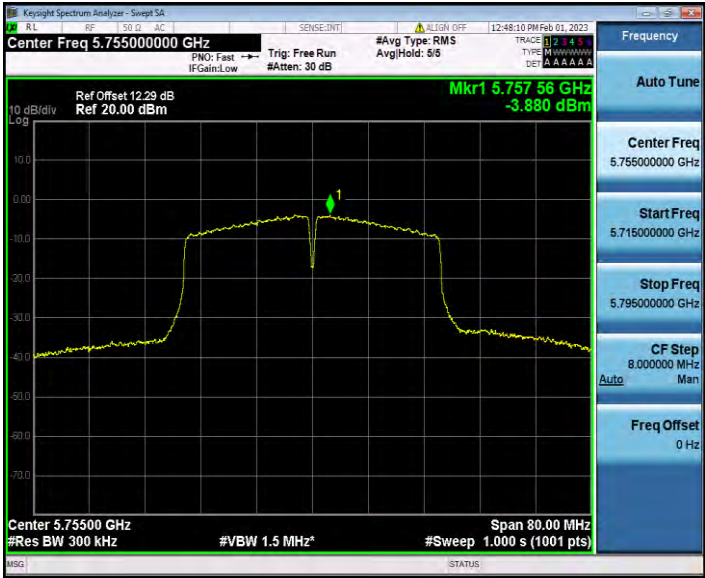
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11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775



Appendix C.6: Band edge measurements

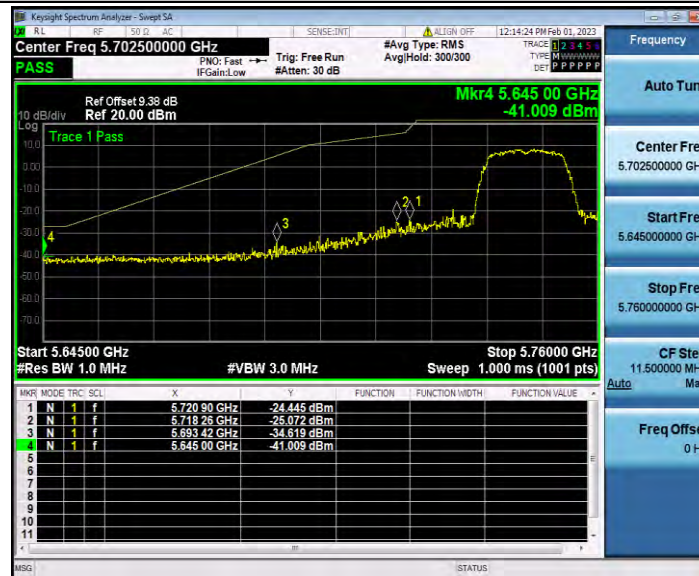
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-34.62	≤5.13	PASS
				5700~5720	-25.07	≤15.11	PASS
				5720~5725	-24.45	≤17.65	PASS
				5760~5650	-41.01	≤-27	PASS
		High	5825	5850~5855	-26.04	≤16.41	PASS
				5855~5875	-27.96	≤10.48	PASS
				5875~5925	-36.3	≤-25.66	PASS
				5925~5935	-38.98	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-27.85	≤7.85	PASS
				5700~5720	-22.28	≤15.18	PASS
				5720~5725	-20.83	≤26.30	PASS
				5760~5650	-39.85	≤-27	PASS
		High	5825	5850~5855	-24.75	≤17.64	PASS
				5855~5875	-29.44	≤10.25	PASS
				5875~5925	-36.51	≤-24.36	PASS
				5925~5935	-38.99	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-31.12	≤6.56	PASS
				5700~5720	-24.4	≤14.48	PASS
				5720~5725	-25.73	≤23.74	PASS
				5780~5650	-37.44	≤-27	PASS
		High	5795	5850~5855	-29.58	≤22.05	PASS
				5855~5875	-31.04	≤12.03	PASS
				5875~5925	-33.76	≤-20.21	PASS
				5925~5935	-38.08	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-30.62	≤8.45	PASS
				5700~5720	-21.45	≤14.66	PASS
				5720~5725	-21.01	≤18.96	PASS
				5760~5650	-40.7	≤-27	PASS
		High	5825	5850~5855	-25.36	≤21.64	PASS
				5855~5875	-27.93	≤10.63	PASS
				5875~5925	-35.38	≤-26.36	PASS
				5925~5935	-39.37	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-28.85	≤5.46	PASS
				5700~5720	-19.22	≤15.50	PASS
				5720~5725	-18.52	≤17.28	PASS
				5780~5650	-36.75	≤-27	PASS

		High	5795	5850~5855	-28.87	≤19.42	PASS
				5855~5875	-27.66	≤11.56	PASS
				5875~5925	-32.36	≤-20.70	PASS
				5925~5935	-39.12	≤-27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-33.37	≤-7.53	PASS
				5700~5720	-32.76	≤13.18	PASS
				5720~5725	-31.15	≤26.95	PASS
				5800~5650	-37.1	≤-27	PASS
		High	5775	5850~5855	-29.76	≤16.64	PASS
				5855~5875	-27.72	≤11.47	PASS
				5875~5925	-33.15	≤-23.40	PASS
				5925~5935	-36.96	≤-27	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-32.82	≤7.25	PASS
				5700~5720	-28.04	≤14.79	PASS
				5720~5725	-24.57	≤17.39	PASS
				5760~5650	-39.81	≤-27	PASS
		High	5825	5850~5855	-25.24	≤17.33	PASS
				5855~5875	-26.16	≤10.48	PASS
				5875~5925	-35.93	≤-22.76	PASS
				5925~5935	-38.91	≤-27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-28.16	≤9.56	PASS
				5700~5720	-21.68	≤14.75	PASS
				5720~5725	-20.99	≤23.43	PASS
				5780~5650	-37.16	≤-27	PASS
		High	5795	5850~5855	-27	≤16.41	PASS
				5855~5875	-30.02	≤10.41	PASS
				5875~5925	-34.07	≤-23.99	PASS
				5925~5935	-38.09	≤-27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-28.98	≤8.41	PASS
				5700~5720	-23.53	≤14.61	PASS
				5720~5725	-24.43	≤18.12	PASS
				5800~5650	-34.74	≤-27	PASS
		High	5775	5850~5855	-22.95	≤20.86	PASS
				5855~5875	-22.69	≤10.54	PASS
				5875~5925	-30.45	≤-25.18	PASS
				5925~5935	-36.88	≤-27	PASS

Test Graphs B4

11A_Ant2_Low_5745



11A_Ant2_High_5825



11N20SISO_Ant2_Low_5745



11N20SISO_Ant2_High_5825



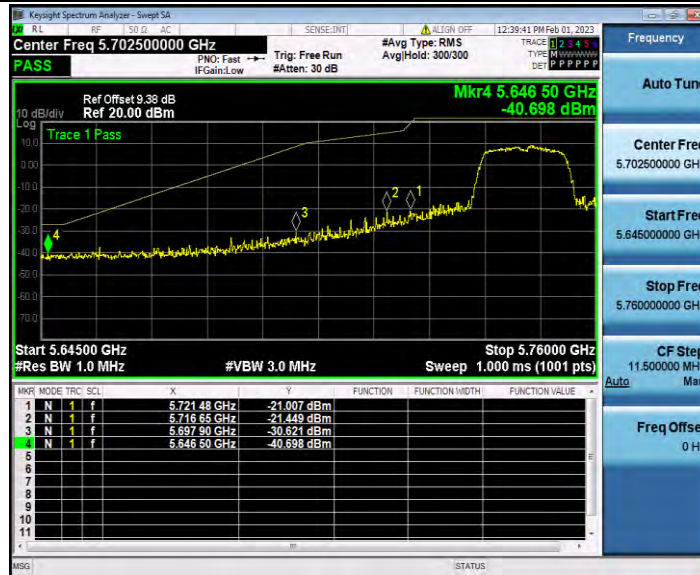
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11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_High_5775



11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755



11AX40SISO_Ant2_High_5795



11AX80SISO_Ant2_Low_5775



11AX80SISO_Ant2_High_5775



Appendix C.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	1748.03	-39.82	≤-27	PASS
			5925~40000	24265.87	-33.62	≤-27	PASS
		5785	30~5650	5421.83	-39.81	≤-27	PASS
			5925~40000	26925.54	-32.63	≤-27	PASS
		5825	30~5650	2797.48	-40.93	≤-27	PASS
			5925~40000	26600.98	-32.67	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5435.5	-40.68	≤-27	PASS
			5925~40000	26048.82	-32.67	≤-27	PASS
		5785	30~5650	2658.1	-40.34	≤-27	PASS
			5925~40000	24808.2	-32.67	≤-27	PASS
		5825	30~5650	1761.9	-40.25	≤-27	PASS
			5925~40000	24239.88	-31.18	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5636.7	-40.95	≤-27	PASS
			5925~40000	25668.76	-32.9	≤-27	PASS
		5795	30~5650	1763.58	-40.19	≤-27	PASS
			5925~40000	26409.9	-32.2	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	1756.09	-40.31	≤-27	PASS
			5925~40000	24227.23	-32.54	≤-27	PASS
		5785	30~5650	2654.17	-40	≤-27	PASS
			5925~40000	24863.7	-32.41	≤-27	PASS
		5825	30~5650	1760.96	-37.17	≤-27	PASS
			5925~40000	26874.25	-32.65	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	1763.58	-38.08	≤-27	PASS
			5925~40000	25275.36	-32.74	≤-27	PASS
		5795	30~5650	5574.88	-39.92	≤-27	PASS
			5925~40000	23563.37	-32.16	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5650	-40.47	≤-27	PASS
			5925~40000	24230.75	-32.51	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5473.16	-40.62	≤-27	PASS
			5925~40000	24246.2	-33.16	≤-27	PASS
		5785	30~5650	5365.07	-40.49	≤-27	PASS
			5925~40000	24931.84	-31.98	≤-27	PASS
		5825	30~5650	5426.14	-39.63	≤-27	PASS
			5925~40000	24378.27	-31.94	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5640.26	-38.91	≤-27	PASS
			5925~40000	26104.31	-33.1	≤-27	PASS

		5795	30~5650	2749.71	-40.13	≤-27	PASS
			5925~40000	23493.82	-32.55	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	5636.89	-36.89	≤-27	PASS
			5925~40000	25238.13	-32.62	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~40000



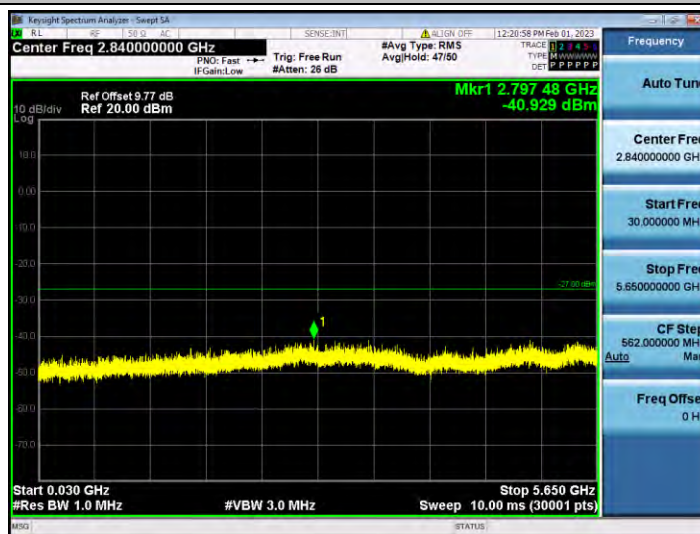
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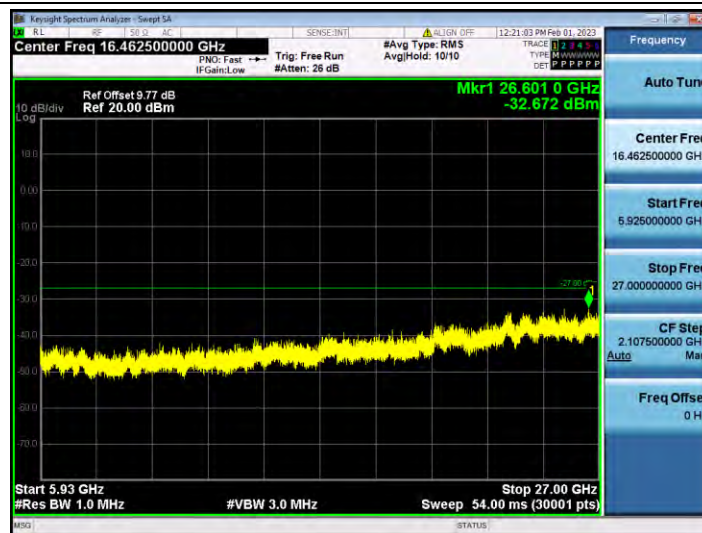
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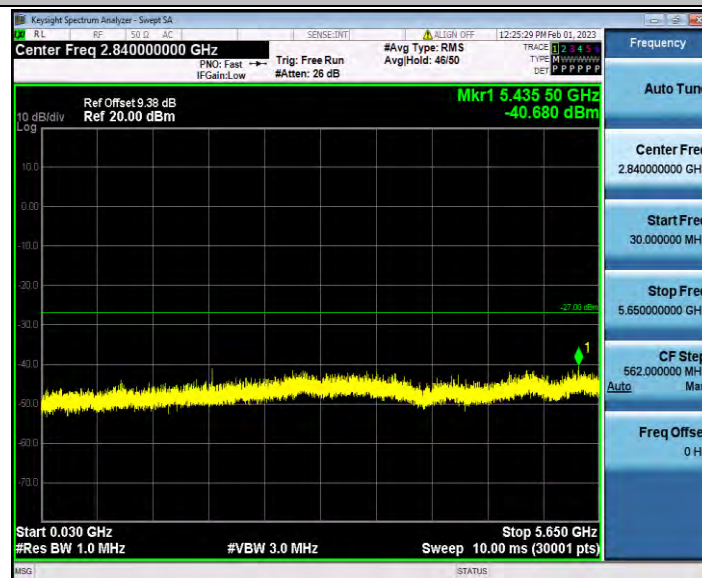
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11A_Ant2_5825_5925~40000



11N20SISO_Ant2_5745_30~5650



11N20SISO_Ant2_5745_5925~40000



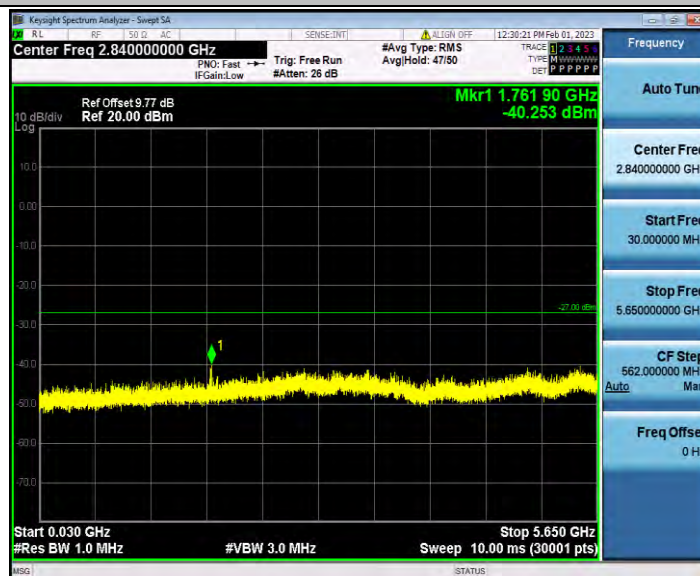
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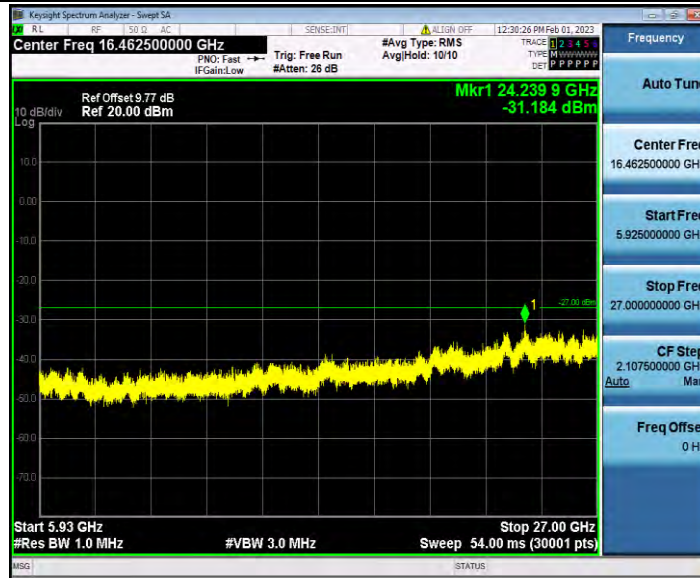
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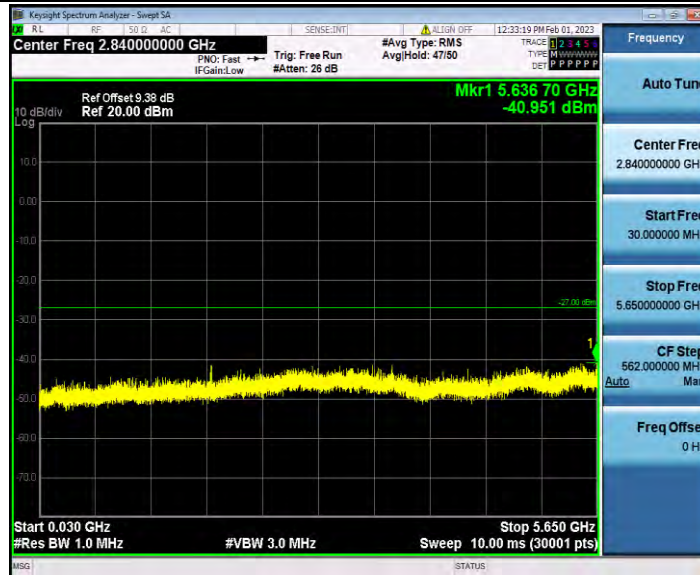
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11N20SISO_Ant2_5825_5925~40000



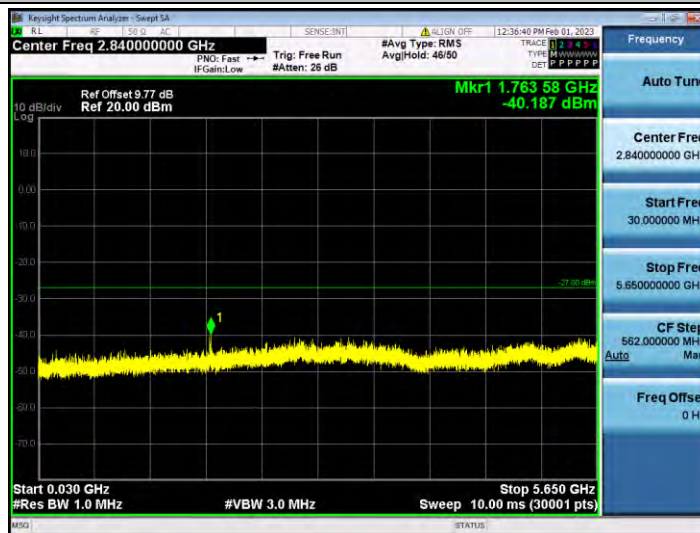
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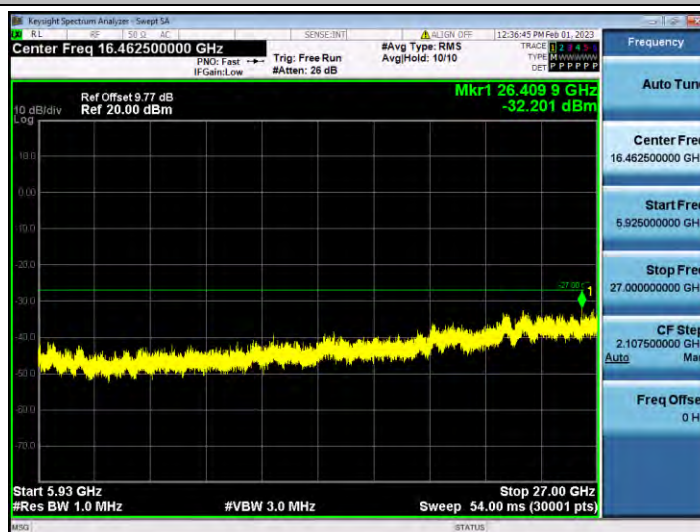
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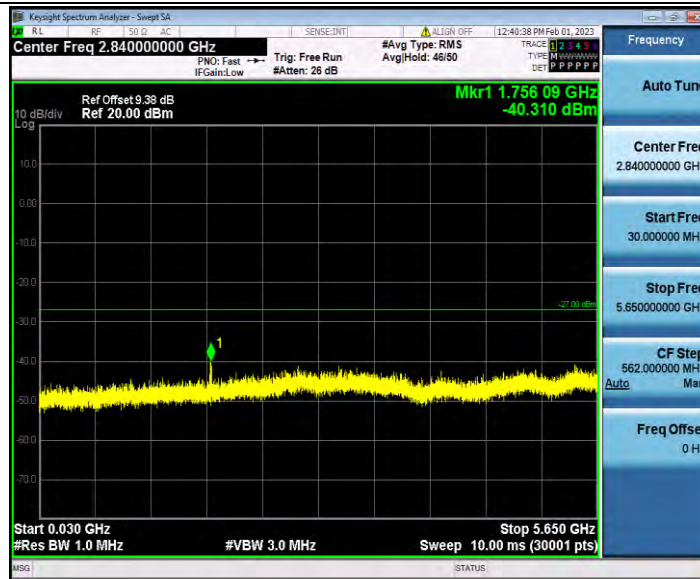
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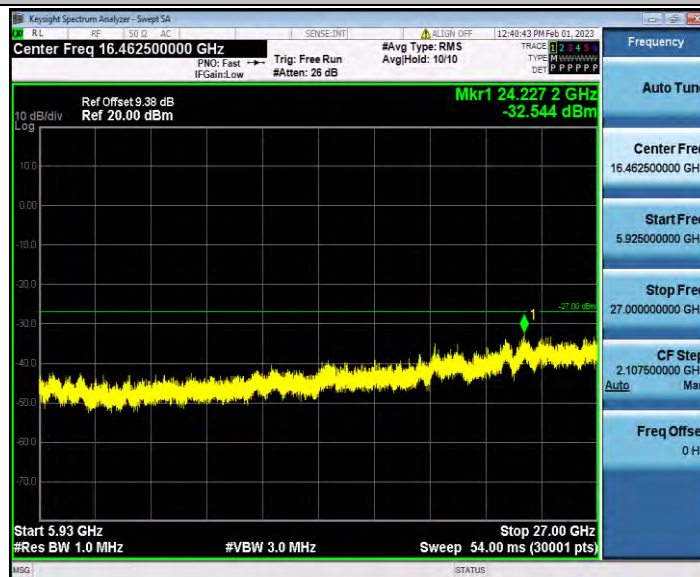
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11AC20SISO_Ant2_5745_30~5650



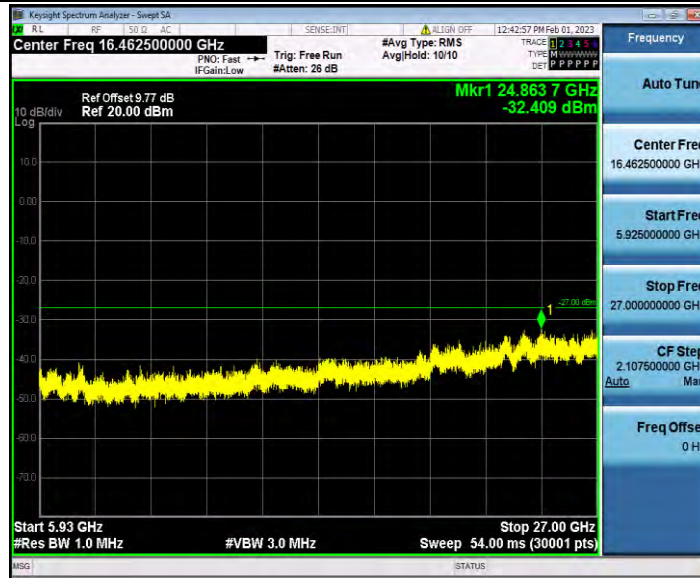
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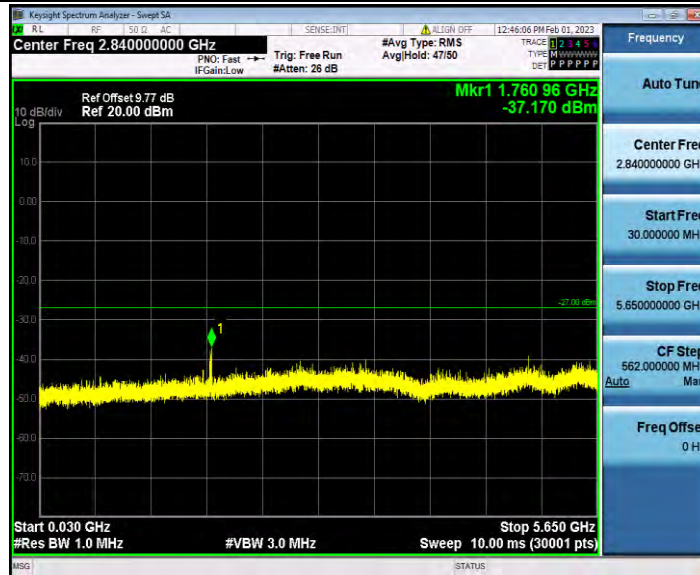
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11AC20SISO_Ant2_5785_5925~40000



11AC20SISO_Ant2_5825_30~5650



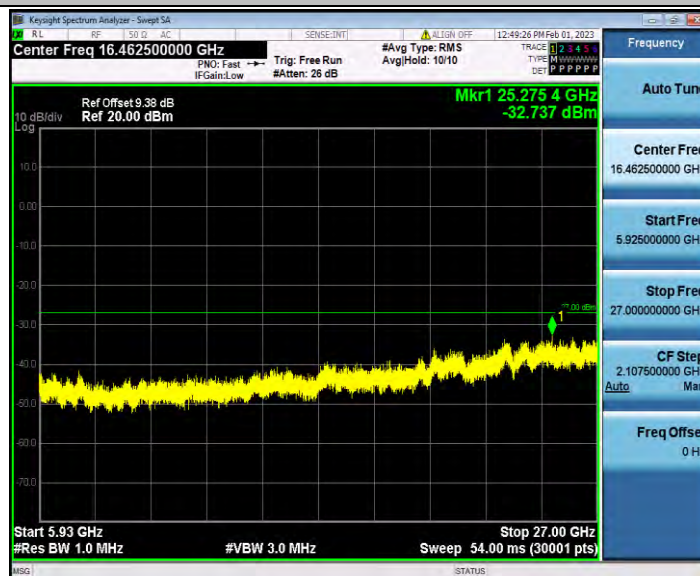
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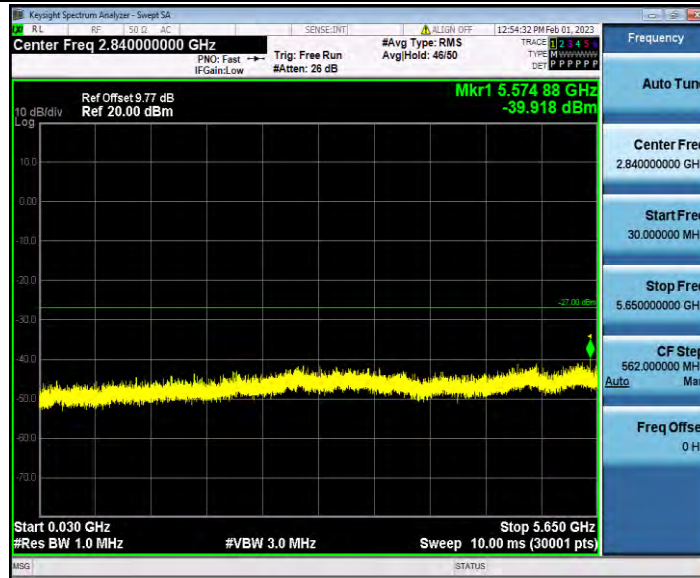
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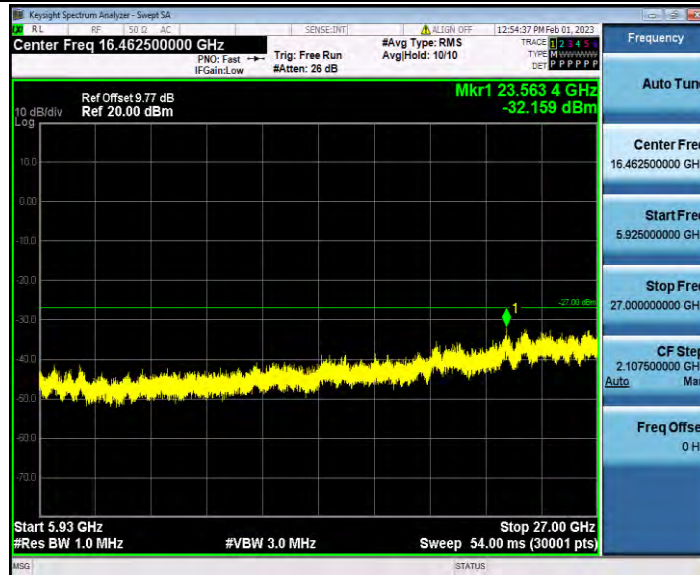
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11AC40SISO_Ant2_5795_30~5650



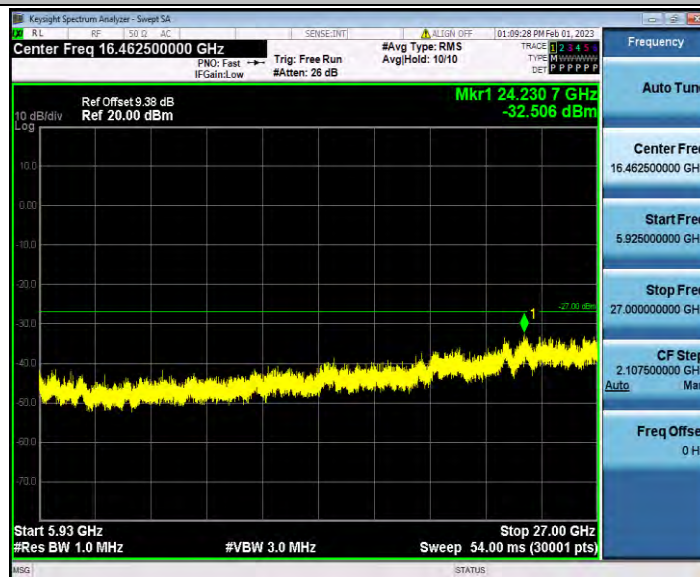
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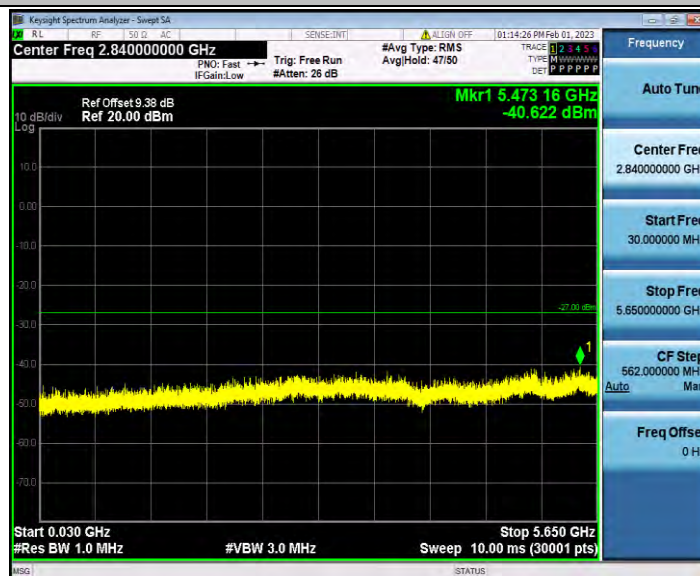
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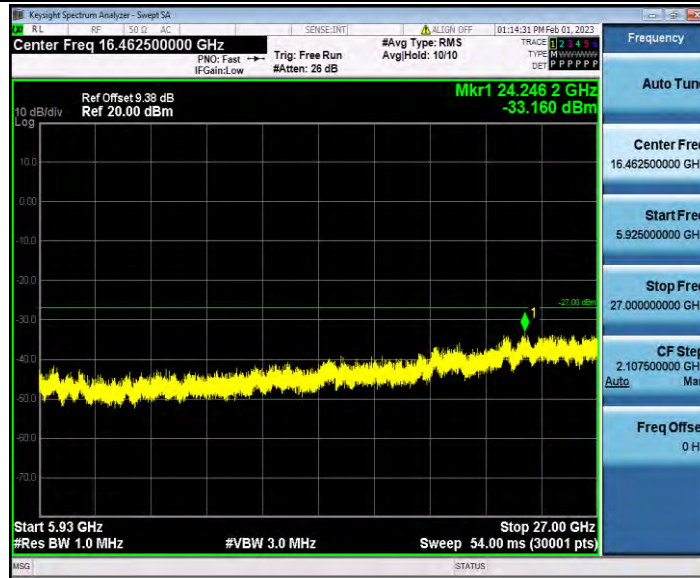
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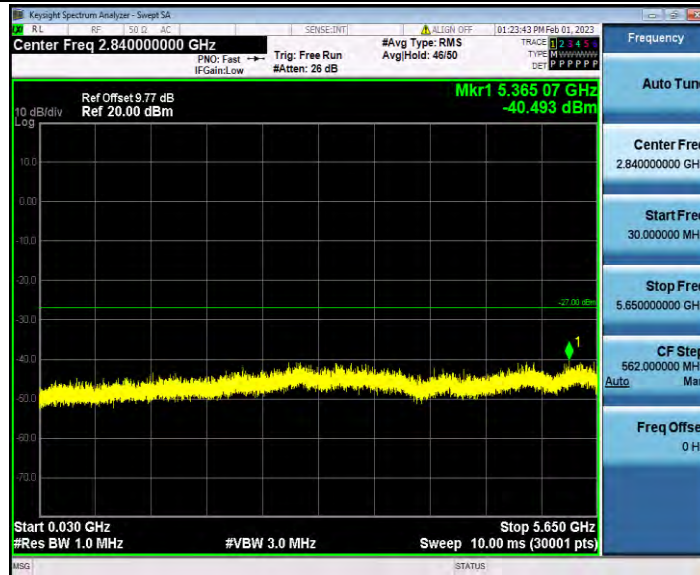
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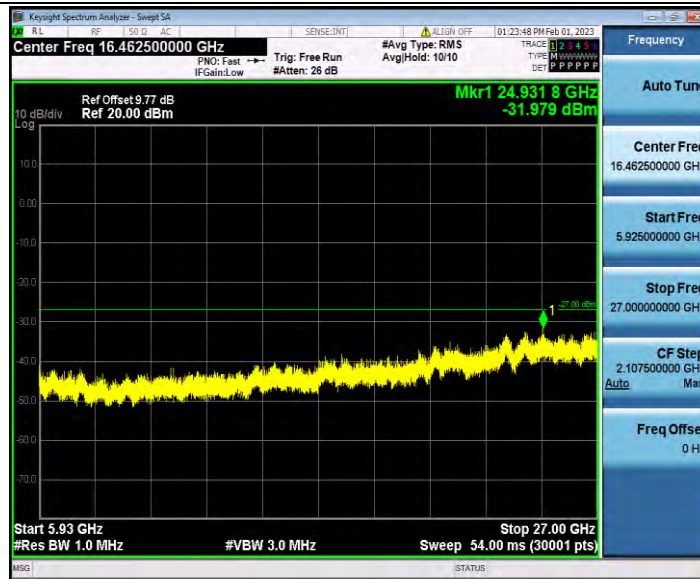
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11AX20SISO_Ant2_5785_30~5650



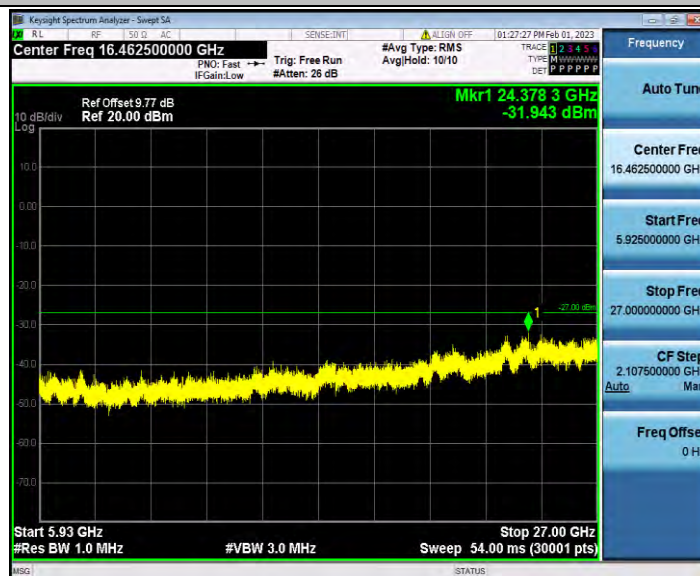
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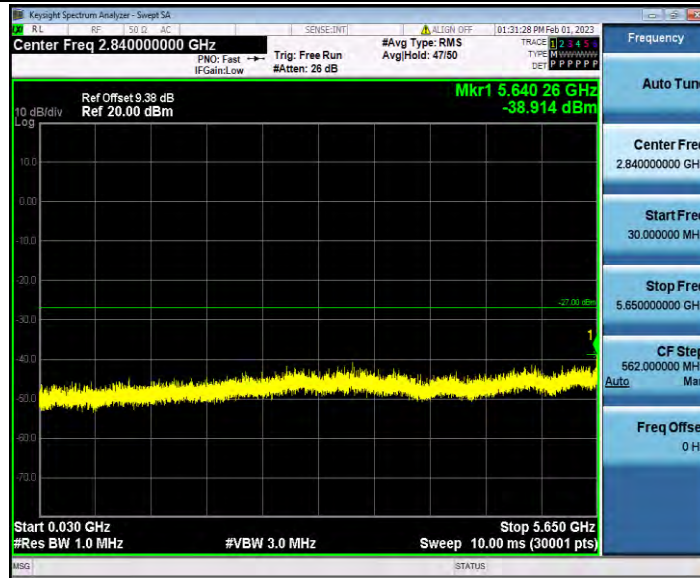
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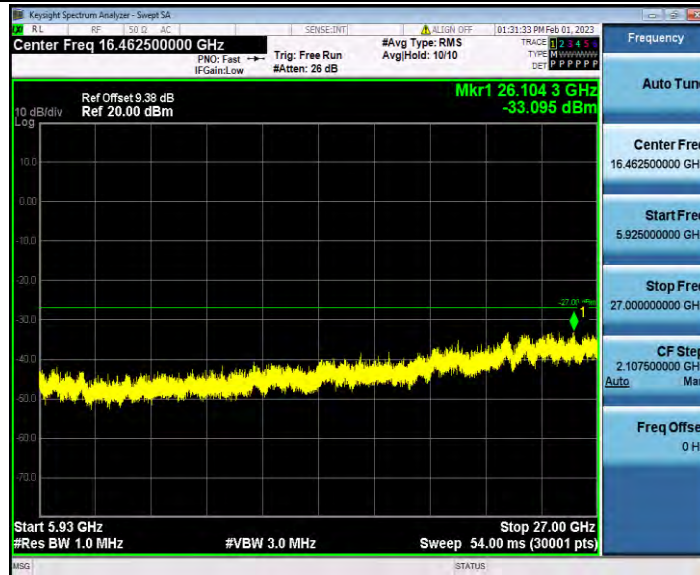
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11AX40SISO_Ant2_5755_30~5650



11AX40SISO_Ant2_5755_5925~40000



11AX40SISO_Ant2_5795_30~5650



11AX40SISO_Ant2_5795_5925~40000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~40000

