

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	13.14	100.00	0.00	13.14	≤23.98	PASS
		5200	12.25	100.00	0.00	12.25	≤23.98	PASS
		5240	11.39	100.00	0.00	11.39	≤23.98	PASS
11N20SISO	Ant2	5180	12.40	100.00	0.00	12.40	≤23.98	PASS
		5200	12.21	100.00	0.00	12.21	≤23.98	PASS
		5240	11.25	100.00	0.00	11.25	≤23.98	PASS
11N40SISO	Ant2	5190	12.19	100.00	0.00	12.19	≤23.98	PASS
		5230	11.39	100.00	0.00	11.39	≤23.98	PASS
11AC20SISO	Ant2	5180	12.36	100.00	0.00	12.36	≤23.98	PASS
		5200	12.31	100.00	0.00	12.31	≤23.98	PASS
		5240	11.40	100.00	0.00	11.40	≤23.98	PASS
11AC40SISO	Ant2	5190	12.23	100.00	0.00	12.23	≤23.98	PASS
		5230	11.42	100.00	0.00	11.42	≤23.98	PASS
11AC80SISO	Ant2	5210	11.64	100.00	0.00	11.64	≤23.98	PASS
11AX20SISO	Ant2	5180	11.34	100.00	0.00	11.34	≤23.98	PASS
		5200	11.04	100.00	0.00	11.04	≤23.98	PASS
		5240	10.09	100.00	0.00	10.09	≤23.98	PASS
11AX40SISO	Ant2	5190	11.02	100.00	0.00	11.02	≤23.98	PASS
		5230	10.31	100.00	0.00	10.31	≤23.98	PASS
11AX80SISO	Ant2	5210	10.73	100.00	0.00	10.73	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	1.36	≤11.00	PASS
		5200	0.51	≤11.00	PASS
		5240	-0.23	≤11.00	PASS
11N20SISO	Ant2	5180	0.49	≤11.00	PASS
		5200	0.32	≤11.00	PASS
		5240	-0.53	≤11.00	PASS
11N40SISO	Ant2	5190	-2.69	≤11.00	PASS
		5230	-3.28	≤11.00	PASS
11AC20SISO	Ant2	5180	0.43	≤11.00	PASS
		5200	0.50	≤11.00	PASS
		5240	-0.35	≤11.00	PASS
11AC40SISO	Ant2	5190	-2.62	≤11.00	PASS
		5230	-3.26	≤11.00	PASS
11AC80SISO	Ant2	5210	-5.26	≤11.00	PASS
11AX20SISO	Ant2	5180	-1.02	≤11.00	PASS
		5200	-1.15	≤11.00	PASS
		5240	-1.98	≤11.00	PASS
11AX40SISO	Ant2	5190	-4.08	≤11.00	PASS
		5230	-4.58	≤11.00	PASS
11AX80SISO	Ant2	5210	-6.52	≤11.00	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_5180



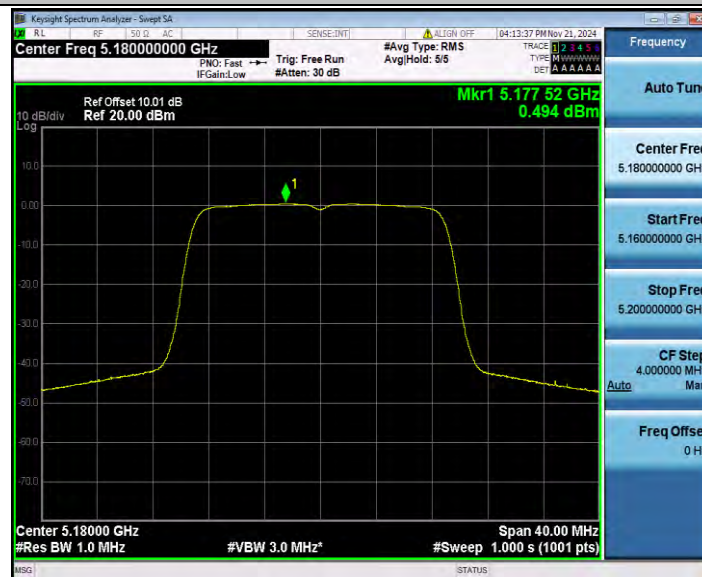
11A_Ant2_5200



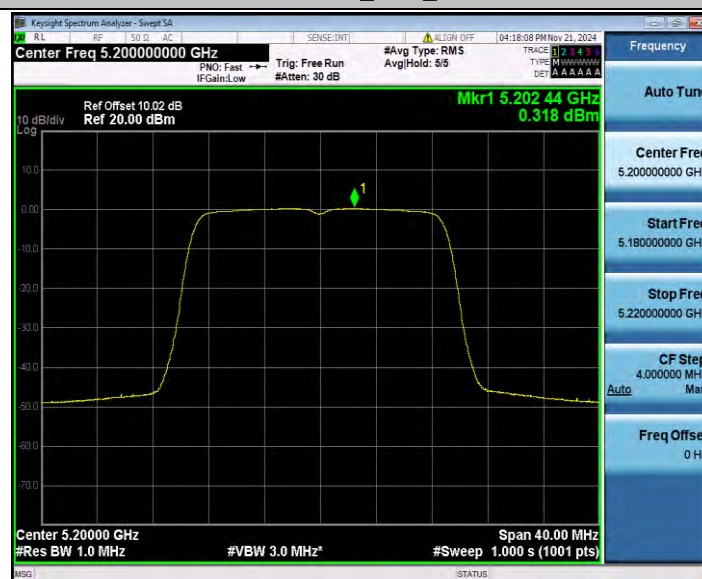
11A_Ant2_5240



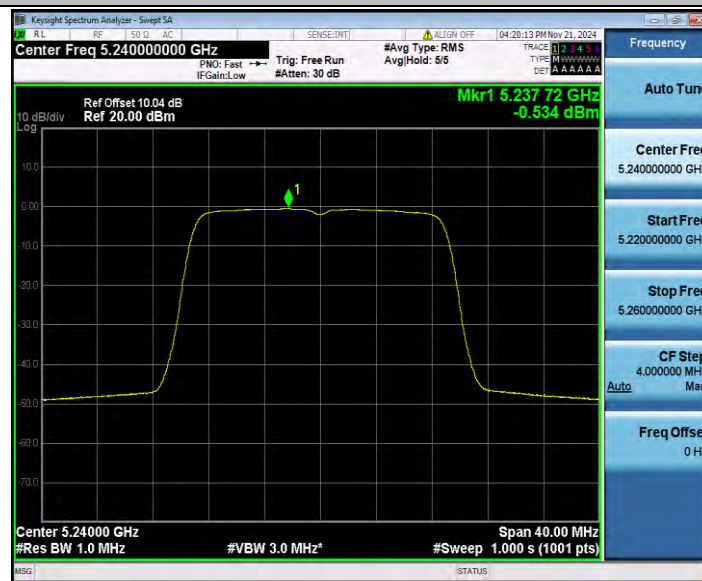
11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



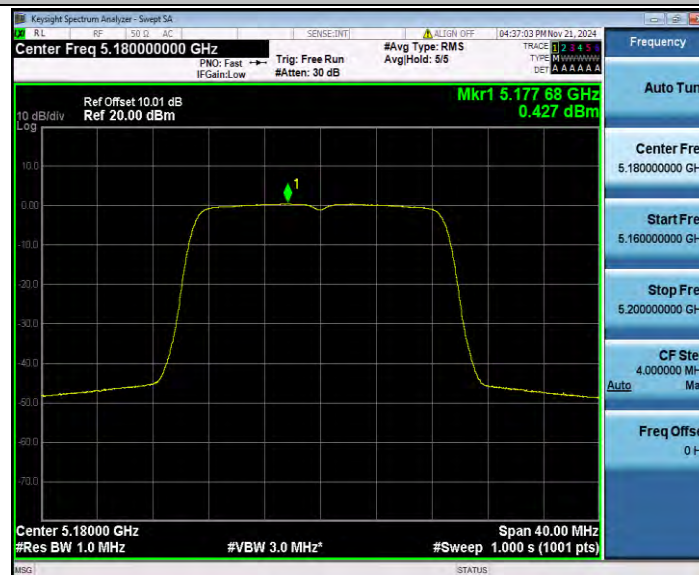
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



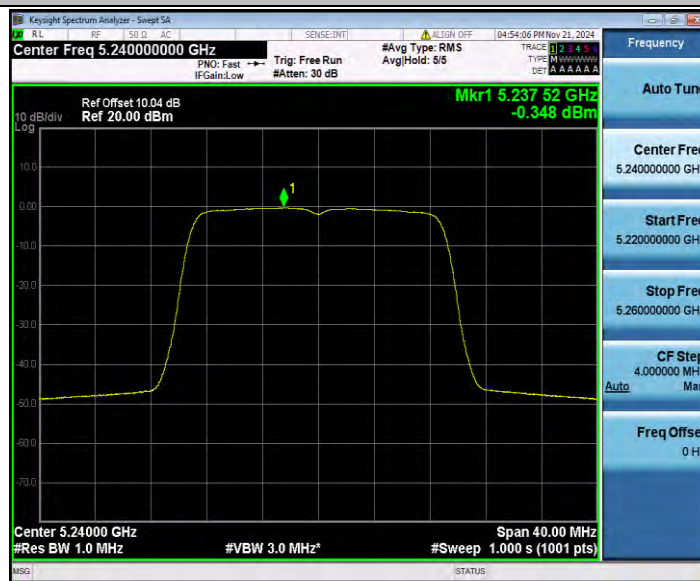
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11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



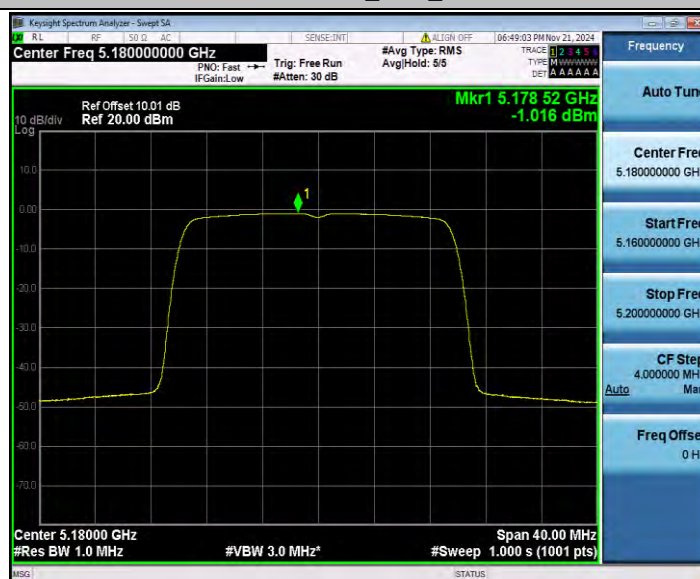
11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



11AX80SISO_Ant2_5210



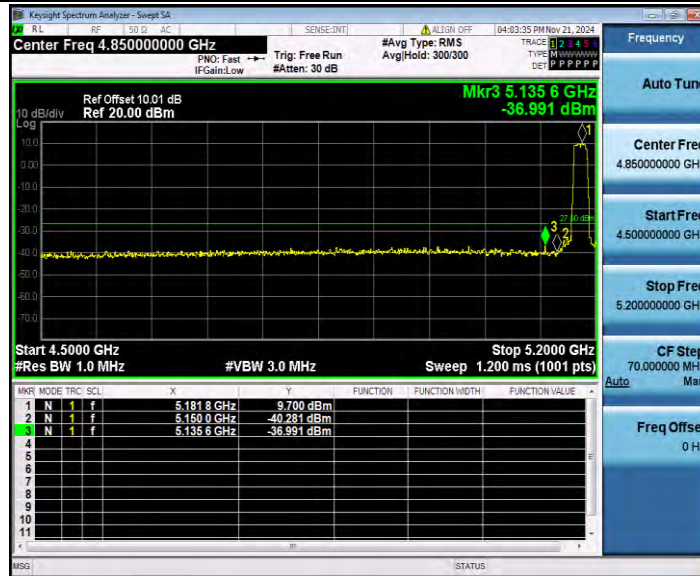
Appendix D.6: Band edge measurements

Test Result B1

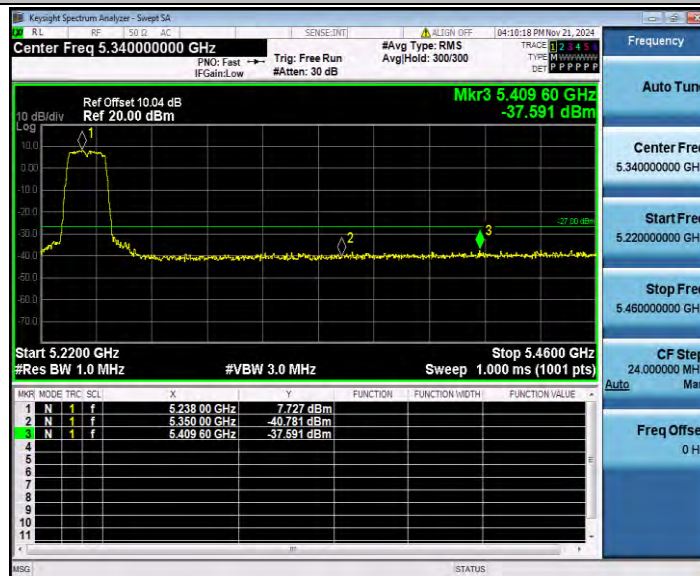
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-36.99	≤ -27	PASS
		High	5240	-37.59	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-37.49	≤ -27	PASS
		High	5240	-37.41	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-36.42	≤ -27	PASS
		High	5230	-37.63	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-36.68	≤ -27	PASS
		High	5240	-37.26	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-36.91	≤ -27	PASS
		High	5230	-37.38	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-36.65	≤ -27	PASS
		High	5210	-37.49	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-36.81	≤ -27	PASS
		High	5240	-37.37	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-37.54	≤ -27	PASS
		High	5230	-37.32	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-37.03	≤ -27	PASS
		High	5210	-37.59	≤ -27	PASS

Test Graphs B1

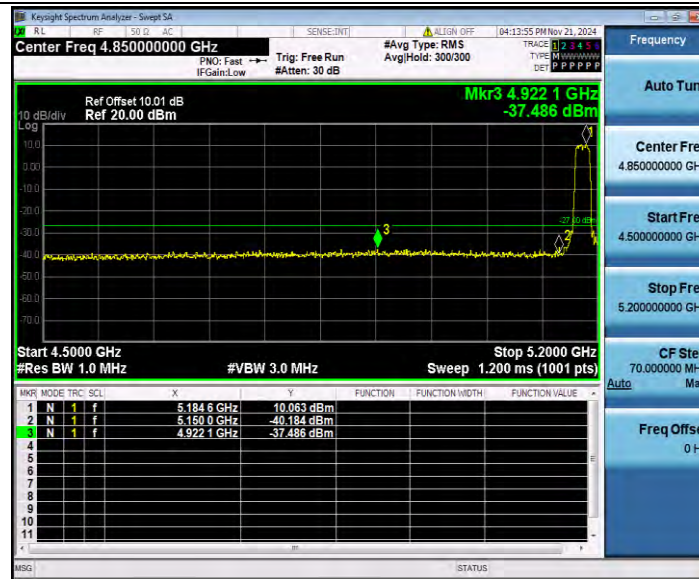
11A_Ant2_Low_5180



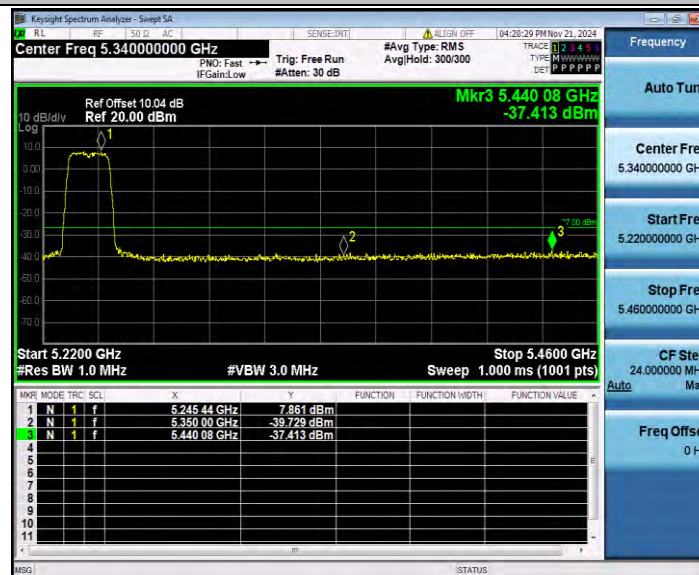
11A_Ant2_High_5240



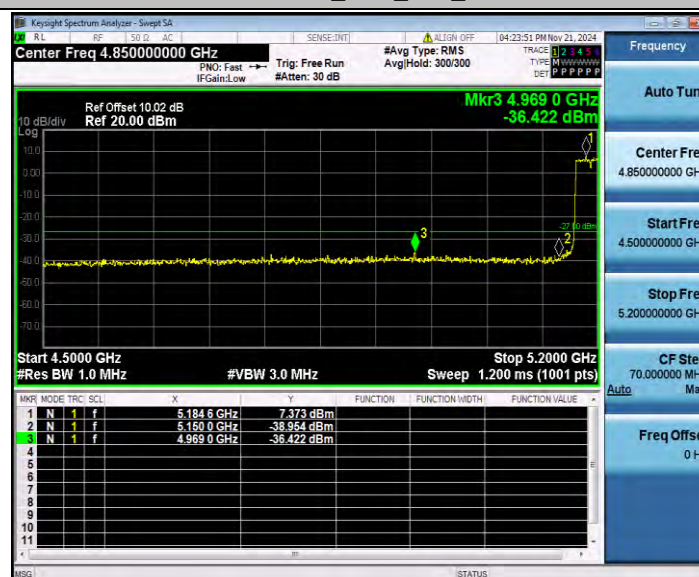
11N20SISO_Ant2_Low_5180



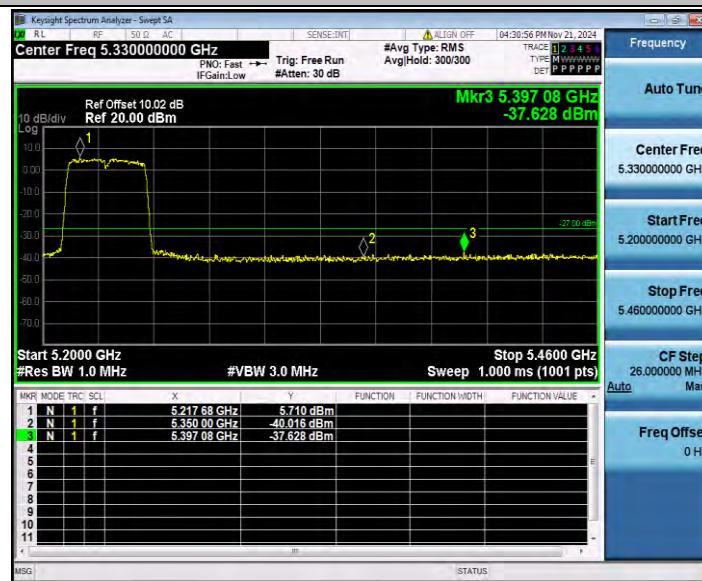
11N20SISO_Ant2_High_5240



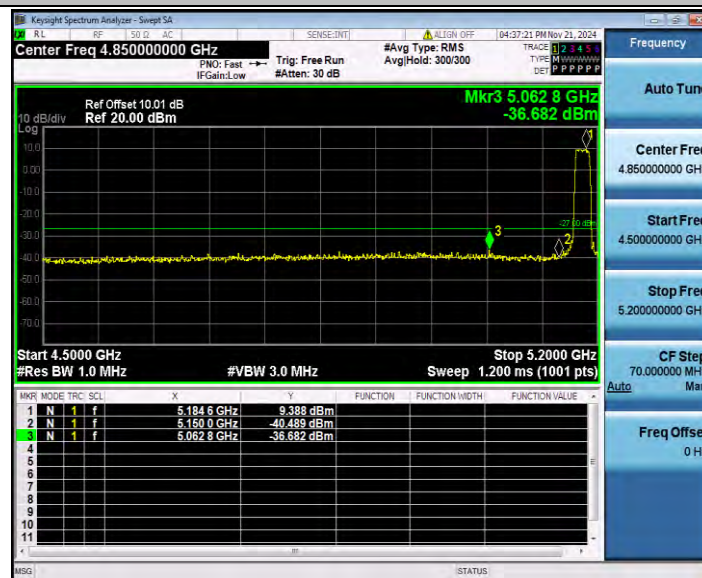
11N40SISO_Ant2_Low_5190



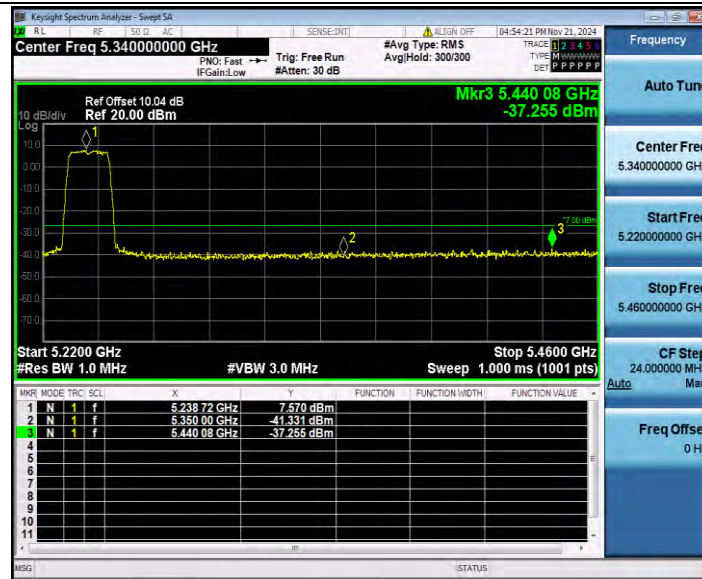
11N40SISO_Ant2_High_5230



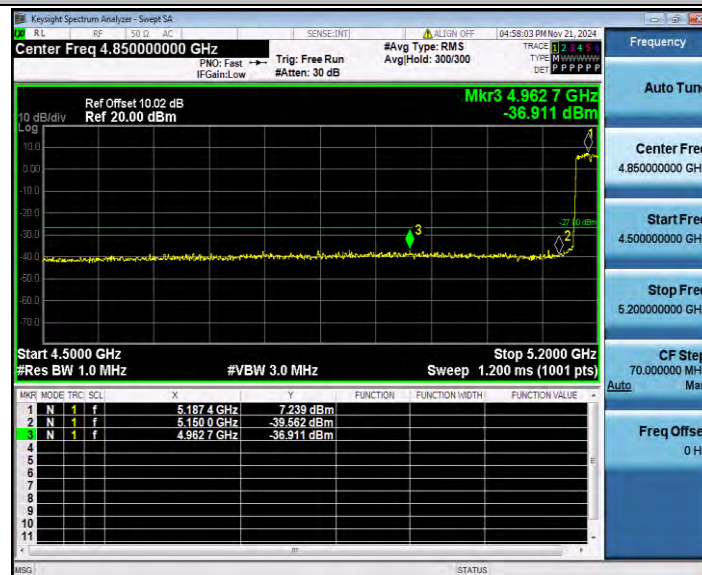
11AC20SISO_Ant2_Low_5180



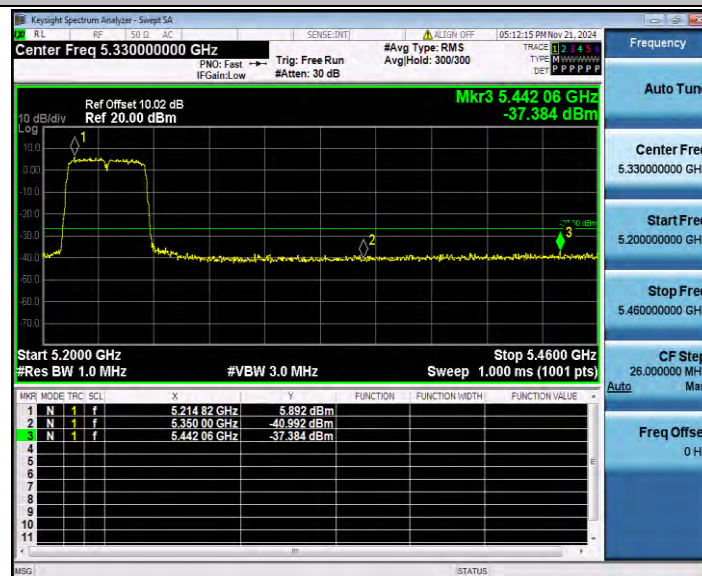
11AC20SISO_Ant2_High_5240



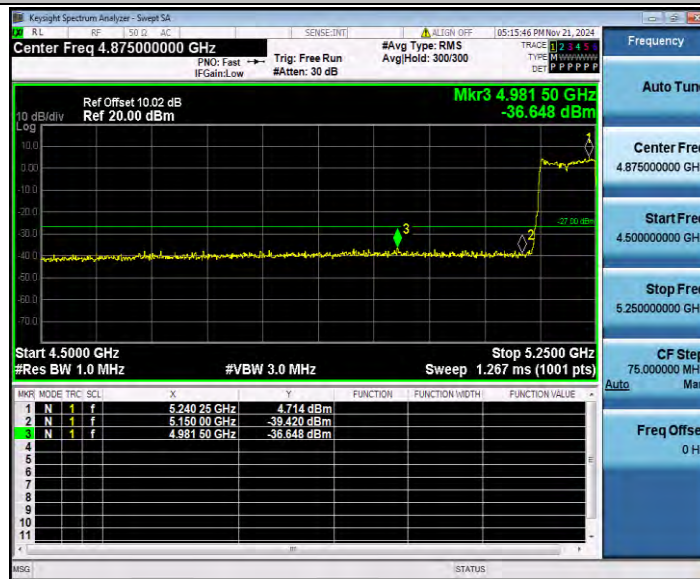
11AC40SISO_Ant2_Low_5190



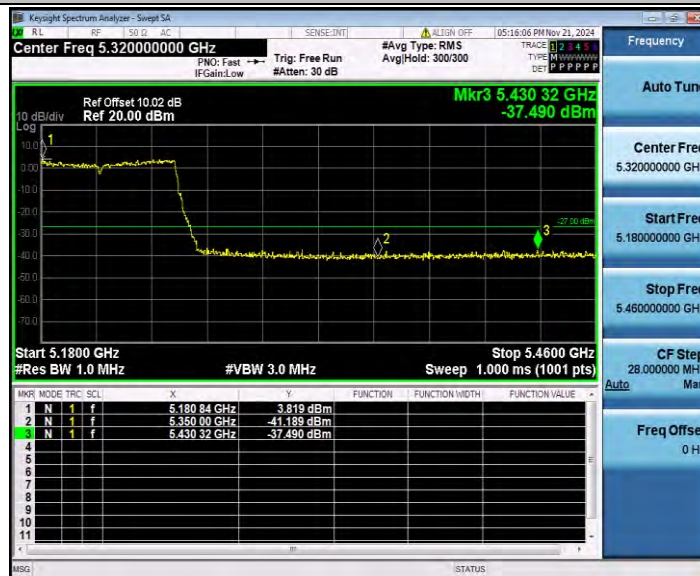
11AC40SISO_Ant2_High_5230



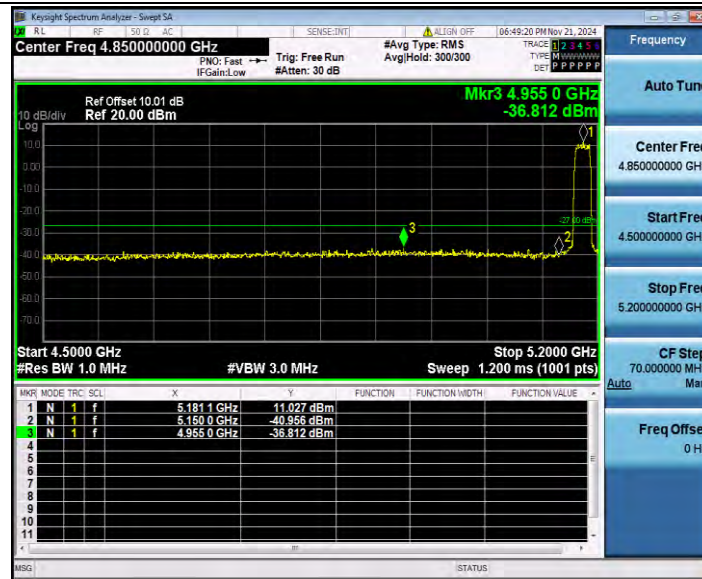
11AC80SISO_Ant2_Low_5210



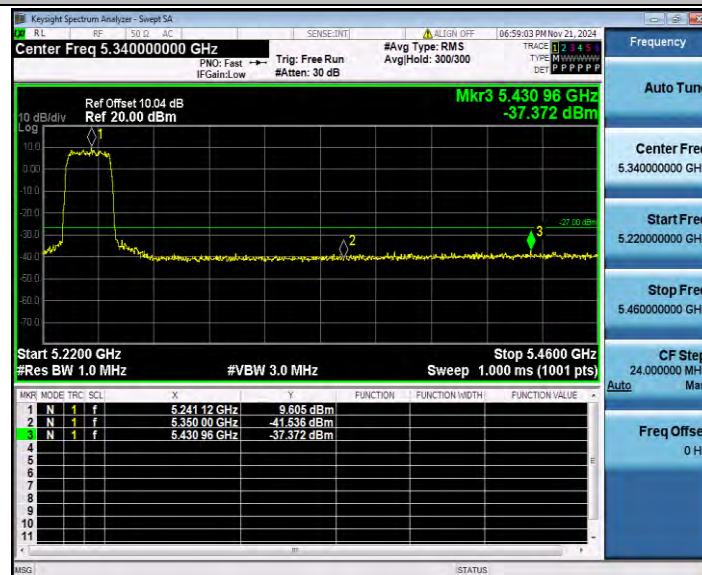
11AC80SISO_Ant2_High_5210



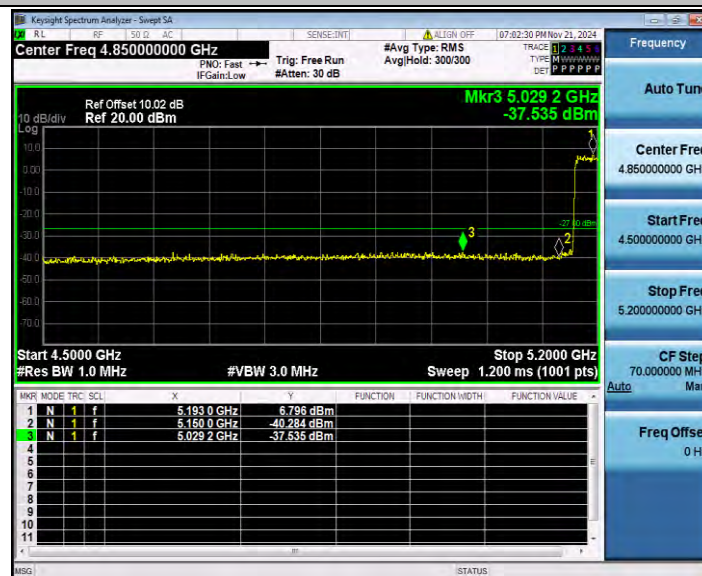
11AX20SISO_Ant2_Low_5180



11AX20SISO_Ant2_High_5240



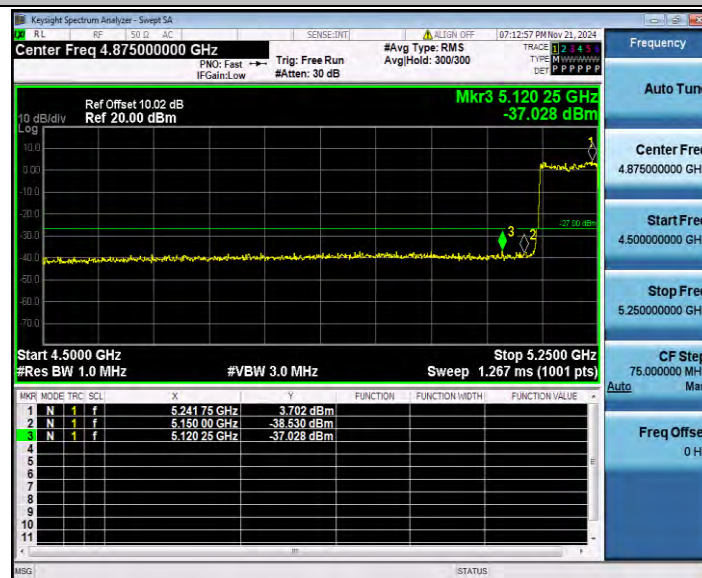
11AX40SISO_Ant2_Low_5190



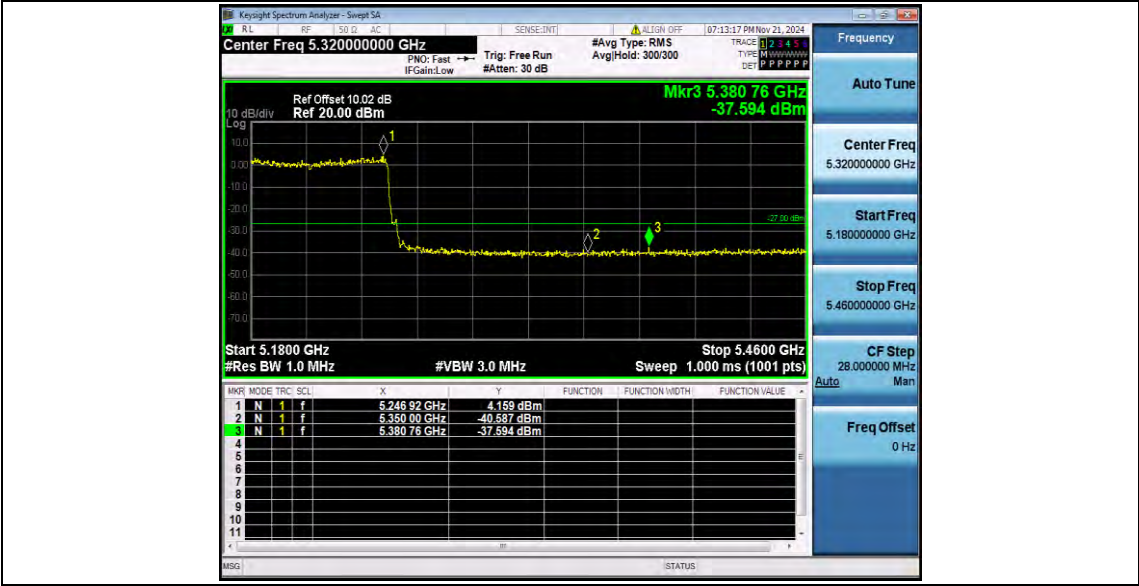
11AX40SISO_Ant2_High_5230



11AX80SISO_Ant2_Low_5210



11AX80SISO_Ant2_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	2598.8	-45.4	≤-27	PASS
			5360~27000	25051.68	-37.29	≤-27	PASS
		5200	30~5140	3183.04	-46.08	≤-27	PASS
			5360~27000	26735.27	-37.12	≤-27	PASS
		5240	30~5140	2659.61	-45.59	≤-27	PASS
			5360~27000	24223.59	-36.99	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5031.16	-46.57	≤-27	PASS
			5360~27000	24247.39	-37.14	≤-27	PASS
		5200	30~5140	2779.35	-46.08	≤-27	PASS
			5360~27000	26571.53	-37.3	≤-27	PASS
		5240	30~5140	4938.16	-46.07	≤-27	PASS
			5360~27000	23535.44	-37.35	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	2703.21	-45.55	≤-27	PASS
			5360~27000	24269.75	-36.83	≤-27	PASS
		5230	30~5140	4918.91	-45.62	≤-27	PASS
			5360~27000	26984.85	-37.49	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	2630.99	-46.42	≤-27	PASS
			5360~27000	24812.92	-36.95	≤-27	PASS
		5200	30~5140	4948.72	-45.46	≤-27	PASS
			5360~27000	24175.98	-37.55	≤-27	PASS
		5240	30~5140	2659.61	-46.2	≤-27	PASS
			5360~27000	24792.72	-36.92	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5139.32	-44.52	≤-27	PASS
			5360~27000	24814.36	-37.86	≤-27	PASS
		5230	30~5140	3298.36	-46.03	≤-27	PASS
			5360~27000	25263.03	-36.96	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5109	-44.86	≤-27	PASS
			5360~27000	25214.7	-37.41	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	2589.26	-44.5	≤-27	PASS
			5360~27000	24274.8	-37.05	≤-27	PASS
		5200	30~5140	2810.01	-46.38	≤-27	PASS
			5360~27000	24846.1	-36.6	≤-27	PASS
		5240	30~5140	2410.24	-46.07	≤-27	PASS
			5360~27000	24233.69	-36.64	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	2521.47	-45.88	≤-27	PASS
			5360~27000	25705.21	-36.99	≤-27	PASS

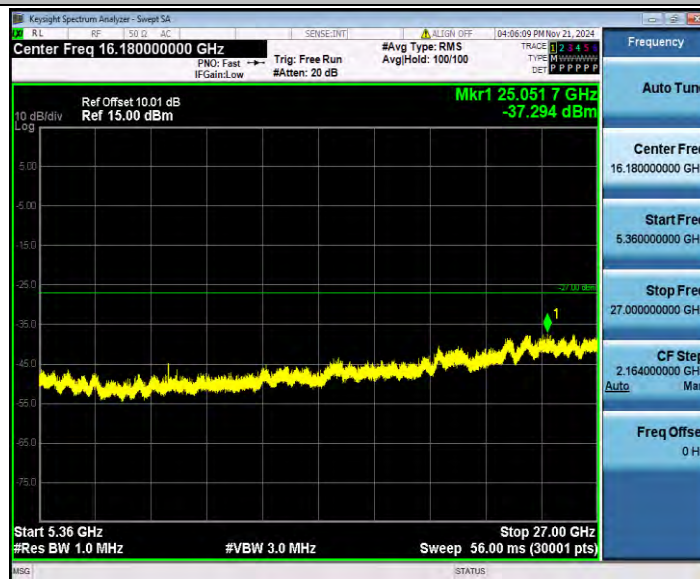
		5230	30~5140	2658.92	-46.13	≤ -27	PASS
			5360~27000	24271.2	-36.83	≤ -27	PASS
11AX80SISO	Ant2	5210	30~5140	5133.87	-44.07	≤ -27	PASS
			5360~27000	24988.92	-37.06	≤ -27	PASS

Test Graphs

11A_Ant2_5180_30~5140



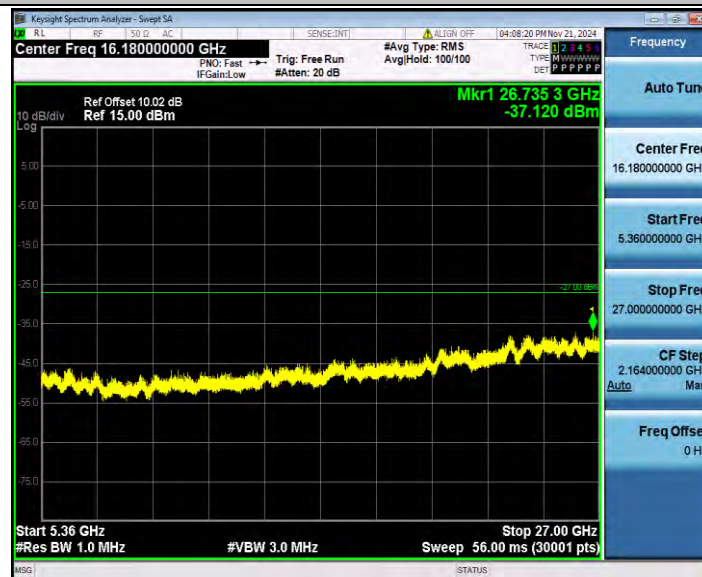
11A_Ant2_5180_5360~27000



11A_Ant2_5200_30~5140



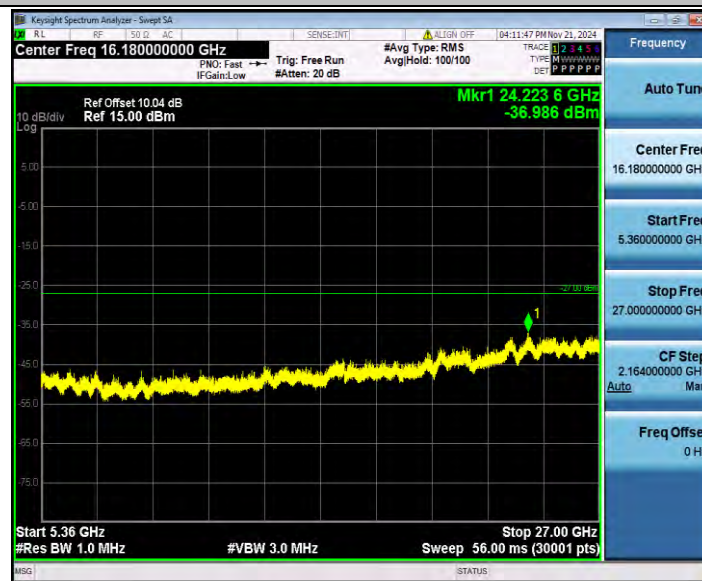
11A_Ant2_5200_5360~27000



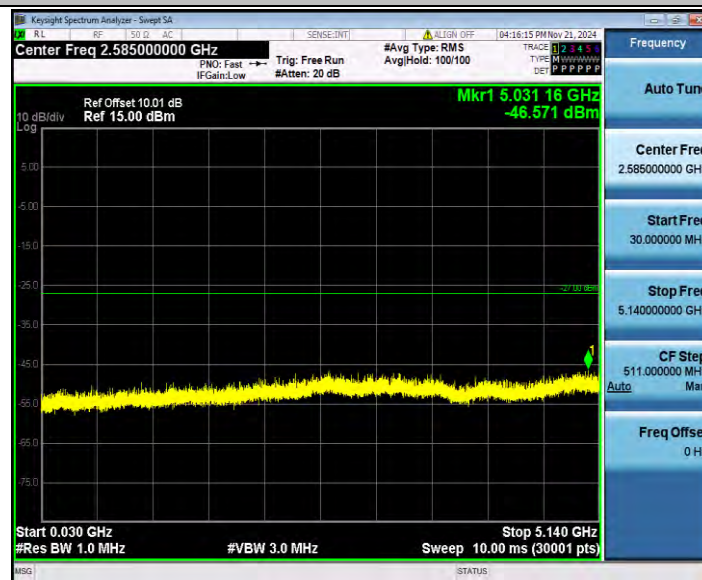
11A_Ant2_5240_30~5140



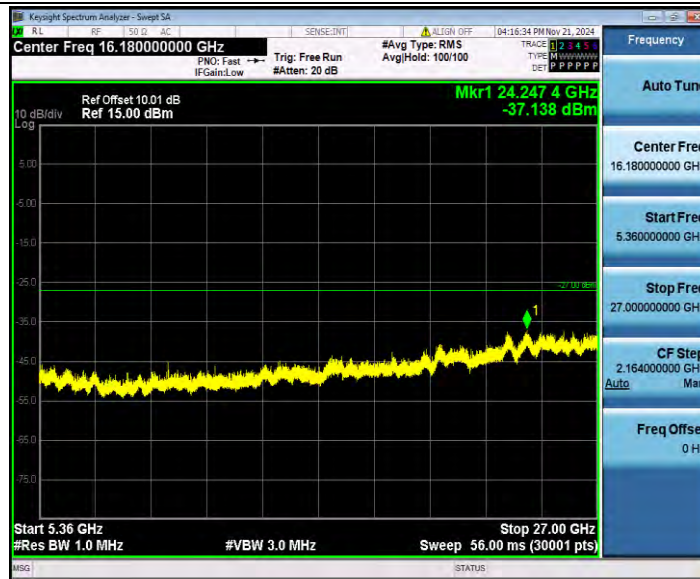
11A_Ant2_5240_5360~27000



11N20SISO_Ant2_5180_30~5140



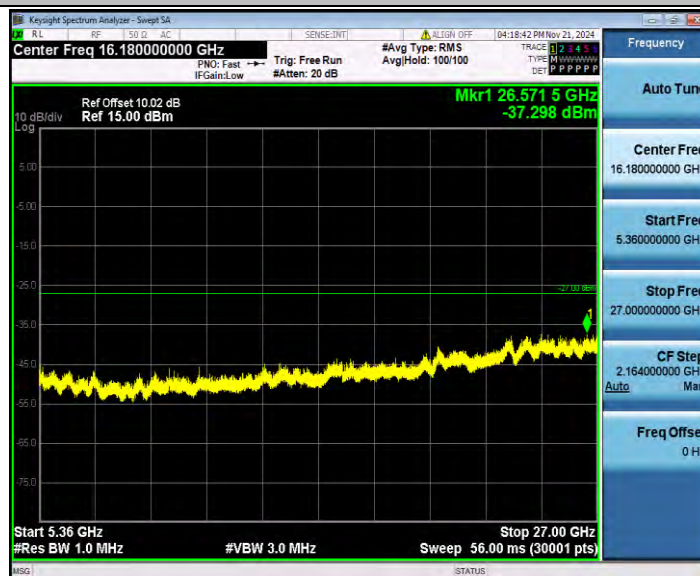
11N20SISO_Ant2_5180_5360~27000



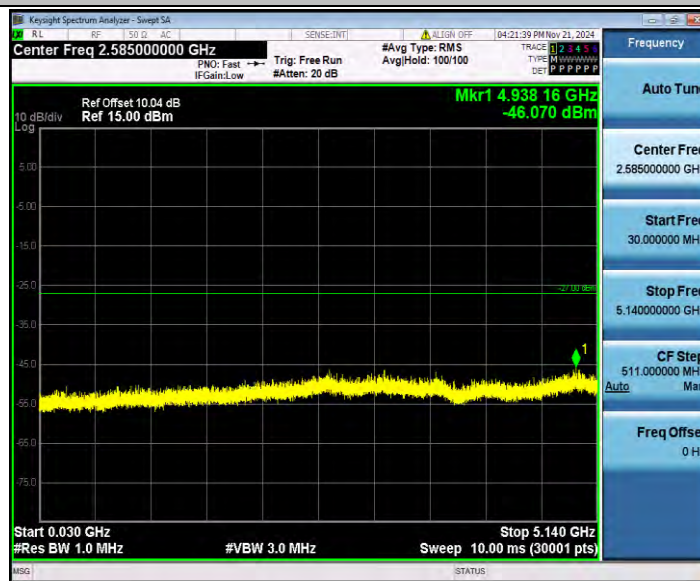
11N20SISO_Ant2_5200_30~5140



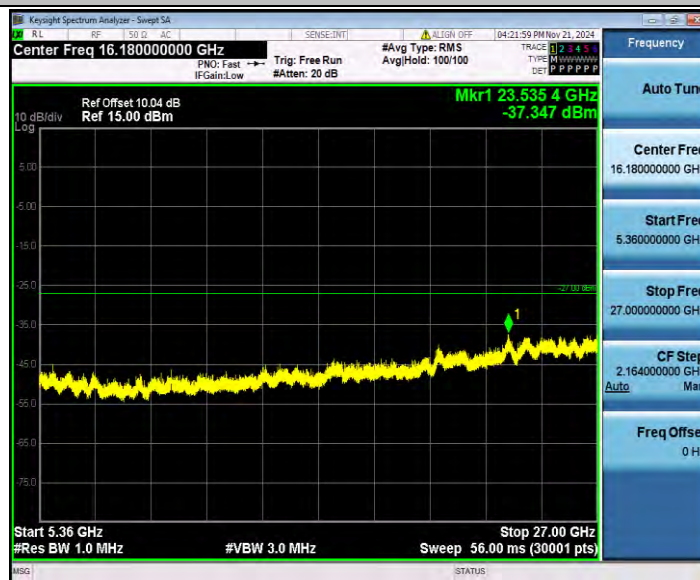
11N20SISO_Ant2_5200_5360~27000



11N20SISO_Ant2_5240_30~5140



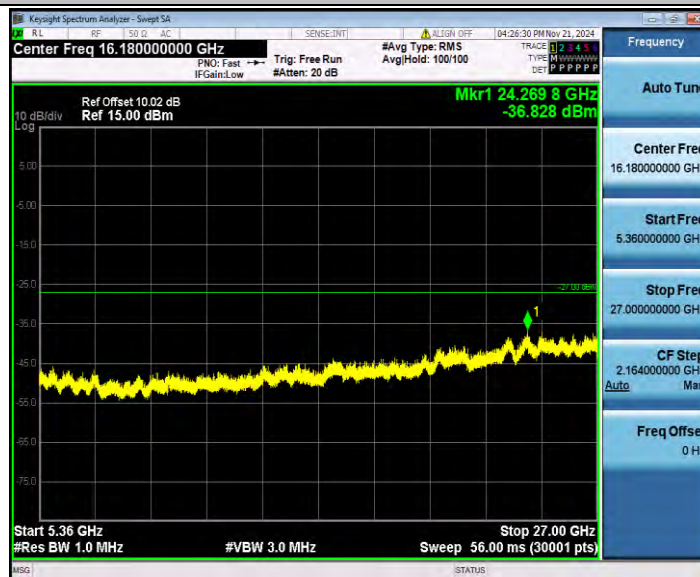
11N20SISO_Ant2_5240_5360~27000



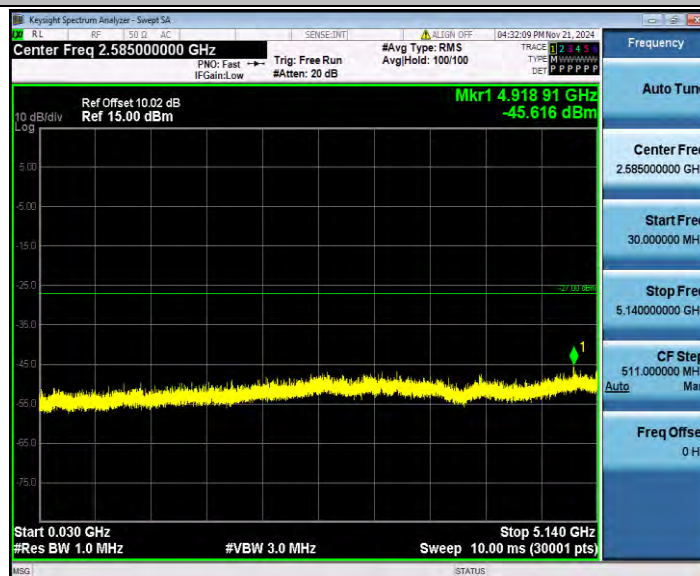
11N40SISO_Ant2_5190_30~5140



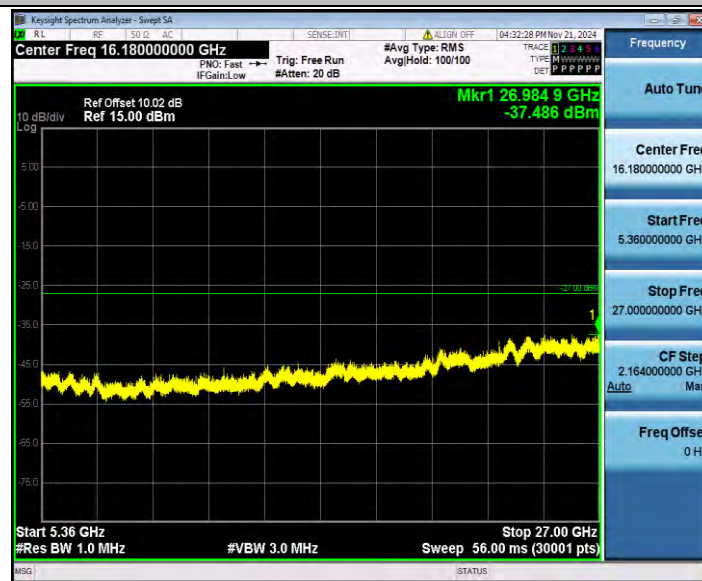
11N40SISO_Ant2_5190_5360~27000



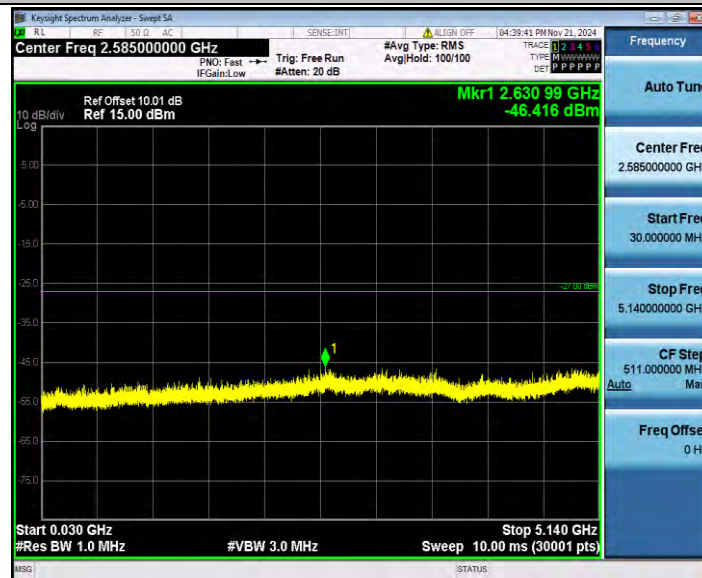
11N40SISO_Ant2_5230_30~5140



11N40SISO_Ant2_5230_5360~27000



11AC20SISO_Ant2_5180_30~5140



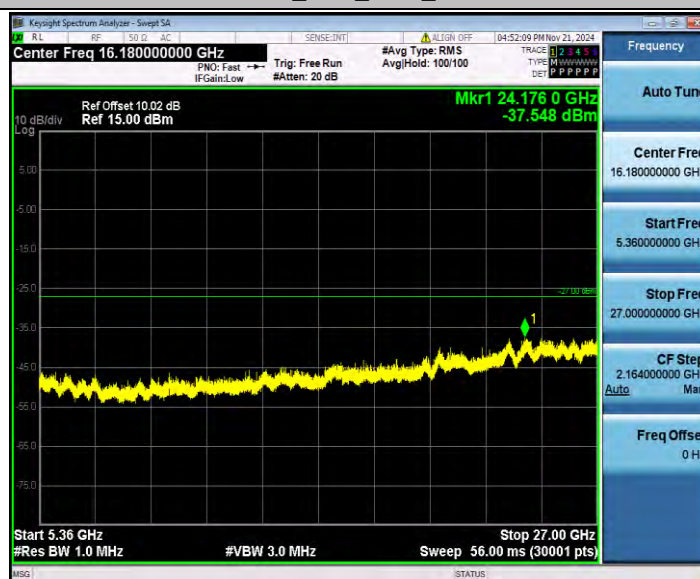
11AC20SISO_Ant2_5180_5360~27000



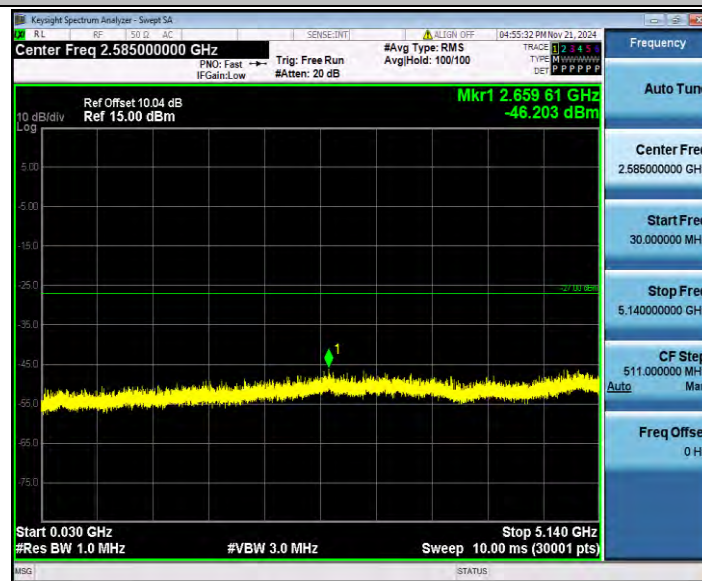
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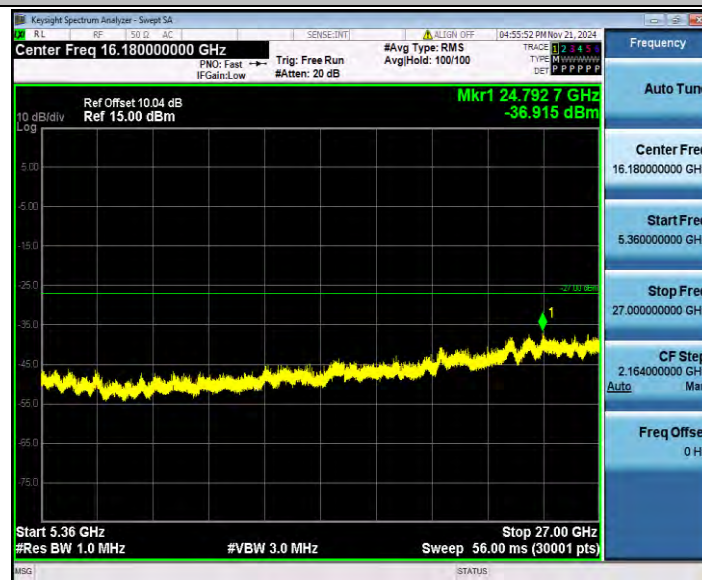
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11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~27000



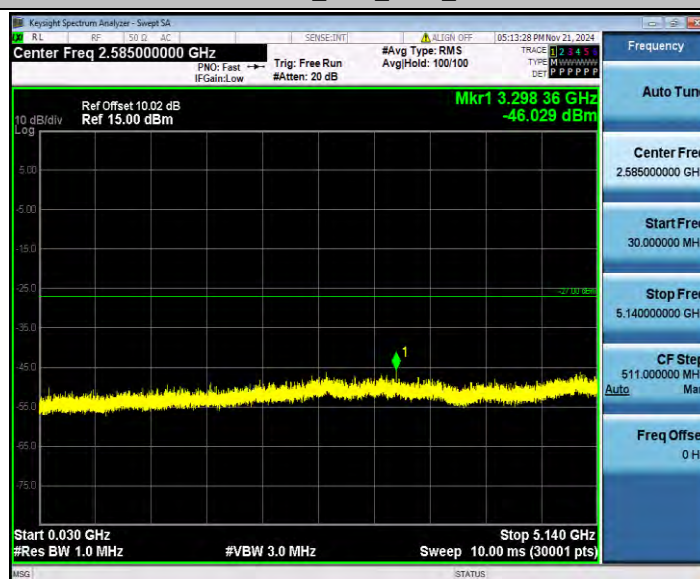
11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



11AC40SISO_Ant2_5230_30~5140



11AC40SISO_Ant2_5230_5360~27000



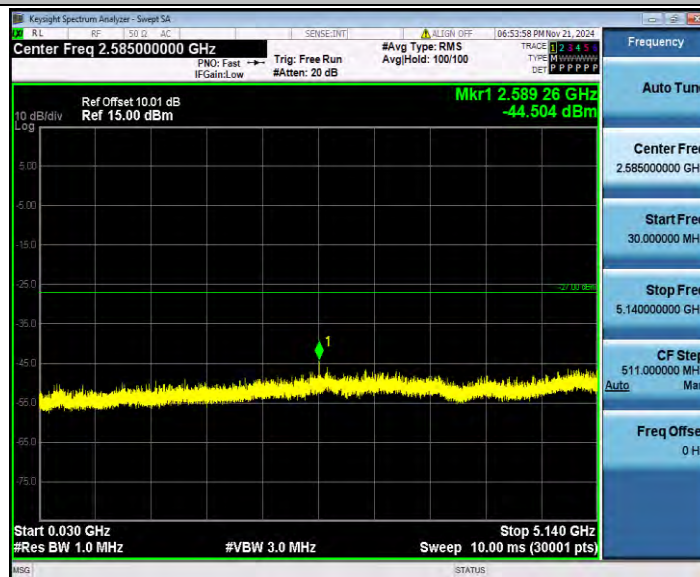
11AC80SISO_Ant2_5210_30~5140



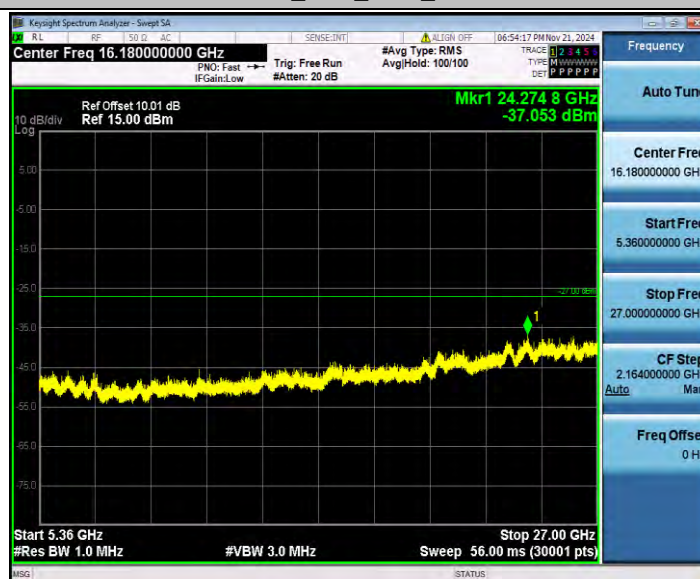
11AC80SISO_Ant2_5210_5360~27000



11AX20SISO_Ant2_5180_30~5140



11AX20SISO_Ant2_5180_5360~27000



11AX20SISO_Ant2_5200_30~5140



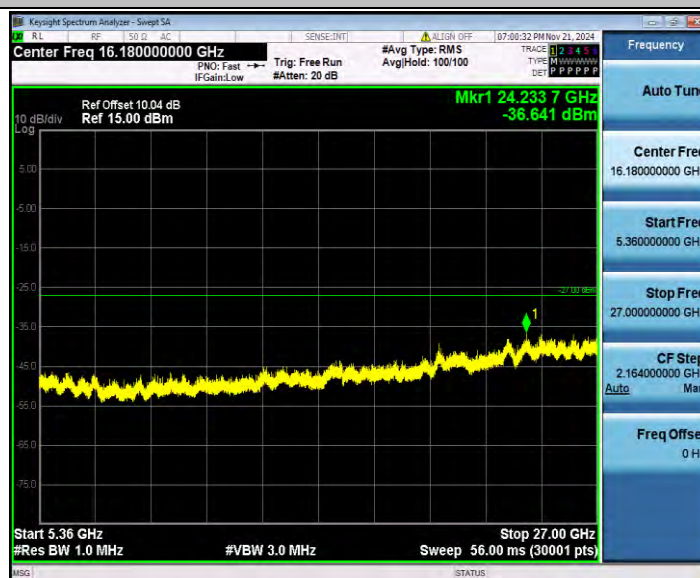
11AX20SISO_Ant2_5200_5360~27000



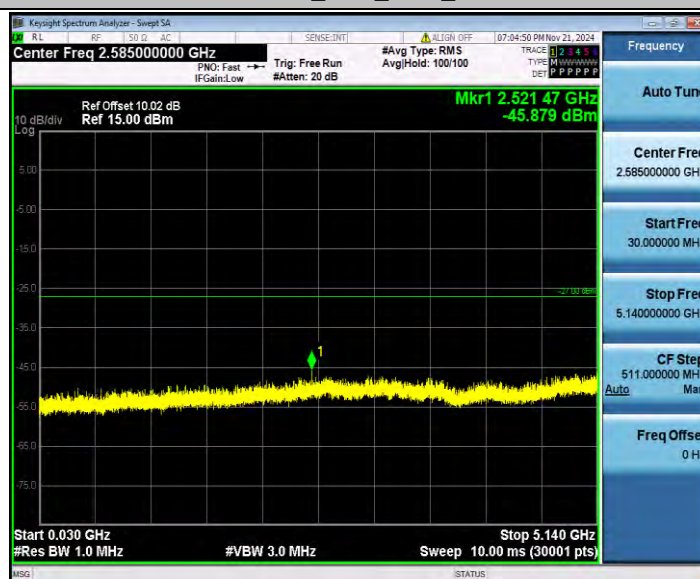
11AX20SISO_Ant2_5240_30~5140

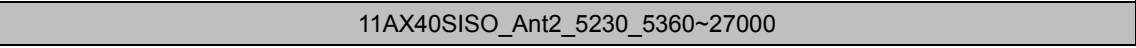
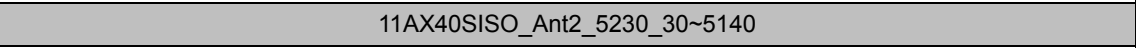


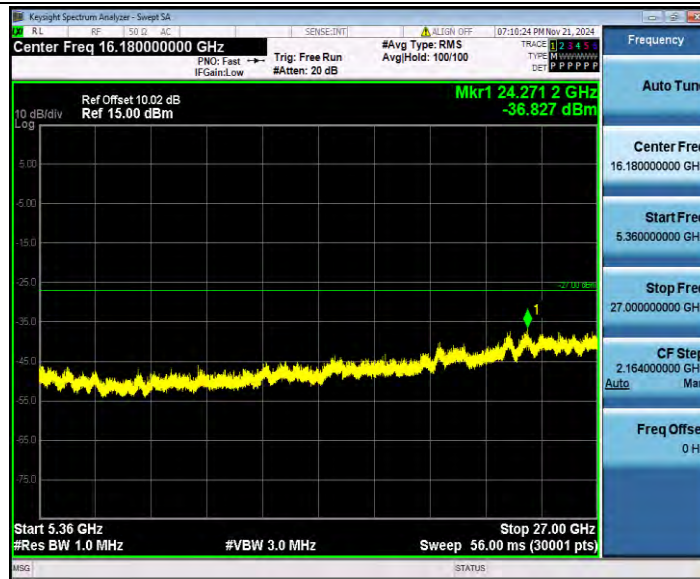
11AX20SISO_Ant2_5240_5360~27000



11AX40SISO_Ant2_5190_30~5140







11AX80SISO_Ant2_5210_30~5140



11AX80SISO_Ant2_5210_5360~27000

