

Appendix F.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	Ant1	5500	16.15	97.51	0.11	16.26	≤23.98	PASS
		5600	14.93	98.00	0.09	15.02	≤23.98	PASS
		5700	15.56	97.51	0.11	15.67	≤23.98	PASS
11N20SISO	Ant1	5500	16.00	97.51	0.11	16.11	≤23.98	PASS
		5600	14.96	98.01	0.09	15.05	≤23.98	PASS
		5700	15.36	97.52	0.11	15.47	≤23.98	PASS
11N40SISO	Ant1	5510	15.65	97.52	0.11	15.76	≤23.98	PASS
		5590	14.84	97.52	0.11	14.95	≤23.98	PASS
		5670	15.28	98.01	0.09	15.37	≤23.98	PASS
11AC20SISO	Ant1	5500	16.54	98.75	0.05	16.59	≤23.98	PASS
		5600	14.80	97.50	0.11	14.91	≤23.98	PASS
		5700	15.12	98.00	0.09	15.21	≤23.98	PASS
11AC40SISO	Ant1	5510	15.64	97.51	0.11	15.75	≤23.98	PASS
		5590	14.76	98.00	0.09	14.85	≤23.98	PASS
		5670	14.19	75.00	1.25	15.44	≤23.98	PASS
11AC80SISO	Ant1	5530	15.94	99.00	0.04	15.98	≤23.98	PASS
		5610	15.31	98.76	0.05	15.36	≤23.98	PASS
11AX20SISO	Ant1	5500	16.36	99.00	0.04	16.40	≤23.98	PASS
		5600	15.23	98.75	0.05	15.28	≤23.98	PASS
		5700	15.69	99.00	0.04	15.73	≤23.98	PASS
11AX40SISO	Ant1	5510	16.16	98.75	0.05	16.21	≤23.98	PASS
		5590	15.19	99.00	0.04	15.23	≤23.98	PASS
		5670	15.55	99.00	0.04	15.59	≤23.98	PASS
11AX80SISO	Ant1	5530	15.69	99.00	0.04	15.73	≤23.98	PASS
		5610	15.06	98.75	0.05	15.11	≤23.98	PASS

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

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	5.15	≤11.00	PASS
		5600	4.04	≤11.00	PASS
		5700	4.58	≤11.00	PASS
11N20SISO	Ant1	5500	4.8	≤11.00	PASS
		5600	3.78	≤11.00	PASS
		5700	4.18	≤11.00	PASS
11N40SISO	Ant1	5510	1.43	≤11.00	PASS
		5590	0.68	≤11.00	PASS
		5670	1.21	≤11.00	PASS
11AC20SISO	Ant1	5500	5.24	≤11.00	PASS
		5600	3.8	≤11.00	PASS
		5700	4.14	≤11.00	PASS
11AC40SISO	Ant1	5510	1.62	≤11.00	PASS
		5590	0.66	≤11.00	PASS
		5670	3.09	≤11.00	PASS
11AC80SISO	Ant1	5530	-0.92	≤11.00	PASS
		5610	-1.4	≤11.00	PASS
11AX20SISO	Ant1	5500	4.83	≤11.00	PASS
		5600	3.84	≤11.00	PASS
		5700	4.3	≤11.00	PASS
11AX40SISO	Ant1	5510	1.61	≤11.00	PASS
		5590	0.75	≤11.00	PASS
		5670	1.21	≤11.00	PASS
11AX80SISO	Ant1	5530	-1.32	≤11.00	PASS
		5610	-1.85	≤11.00	PASS

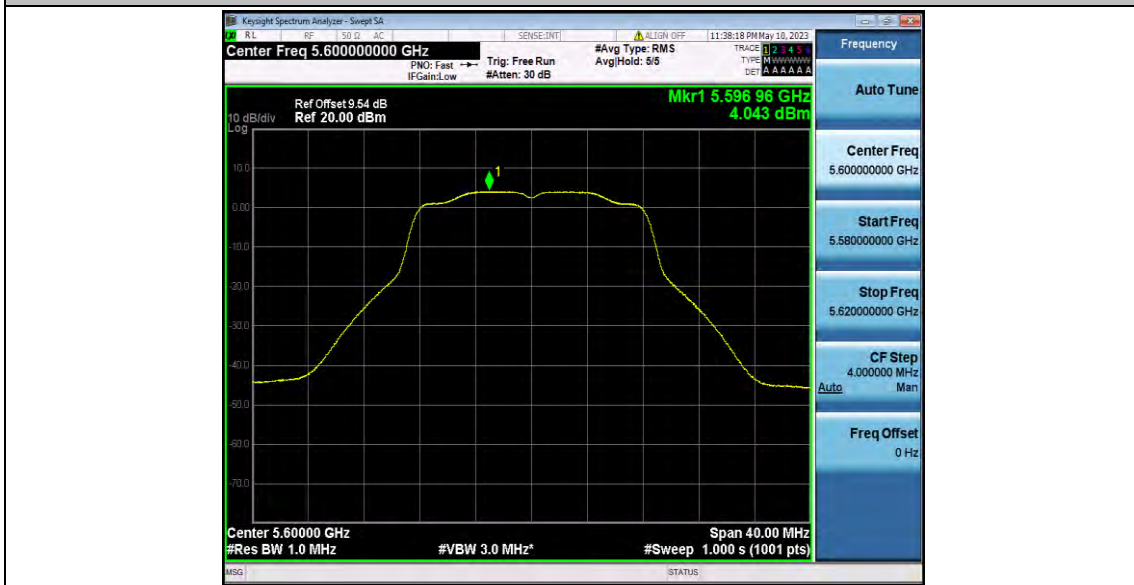
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



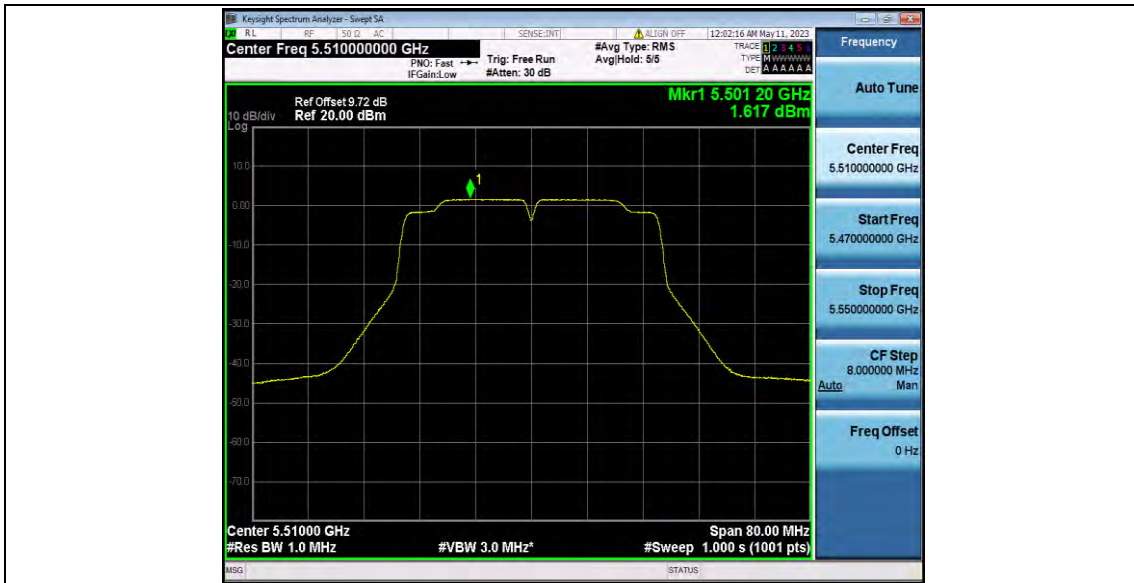
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



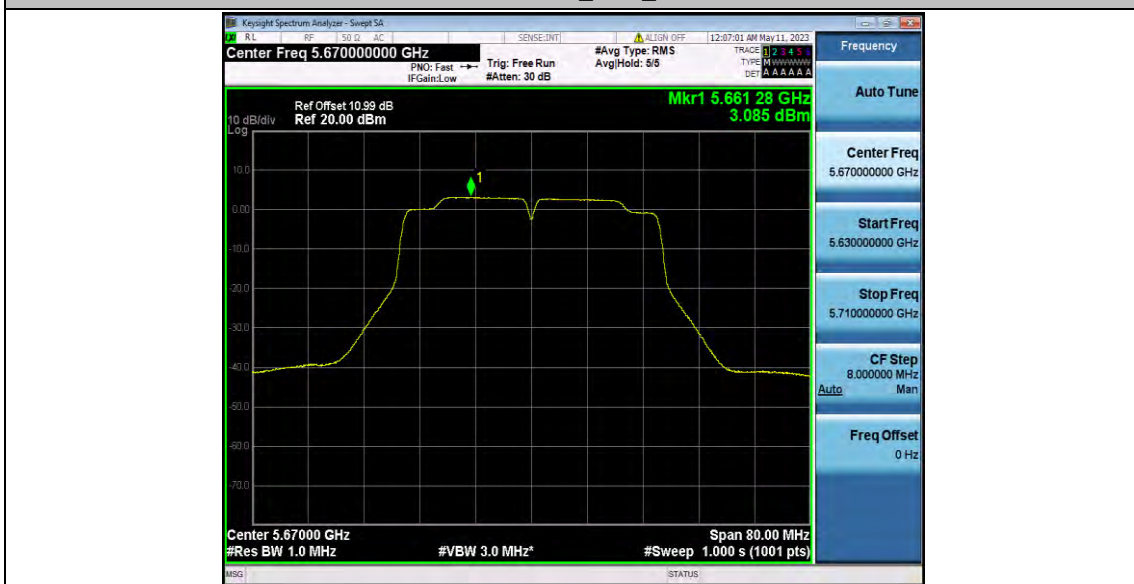
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



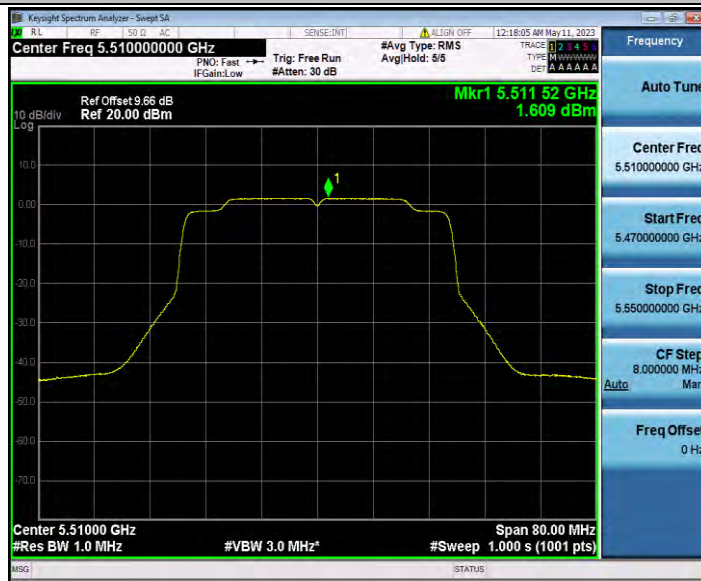
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5600



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



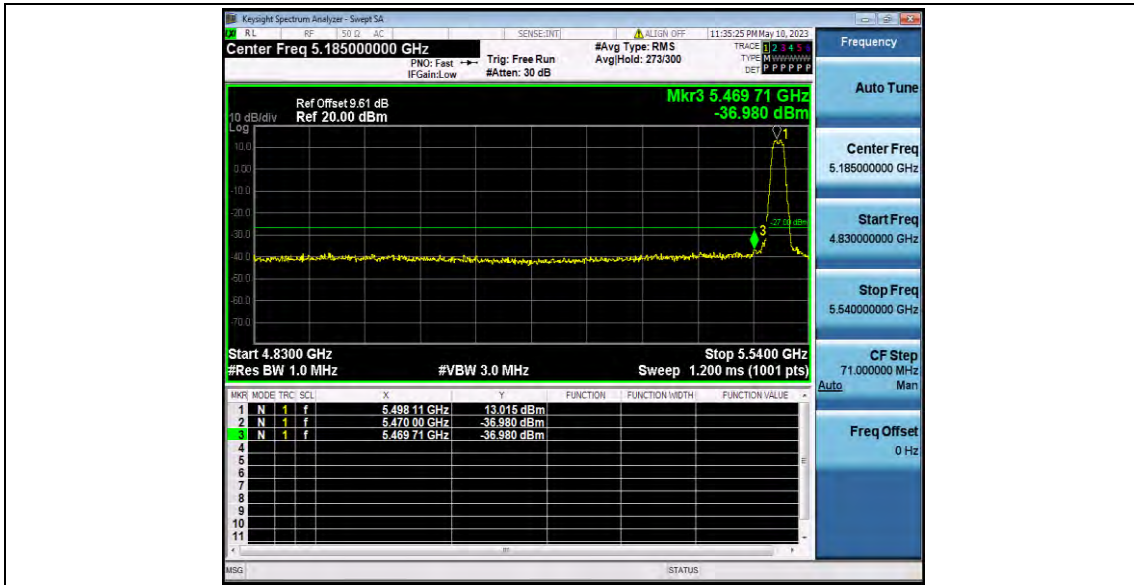
11AX80SISO_Ant1_5610

Appendix F.6: Band edge measurements

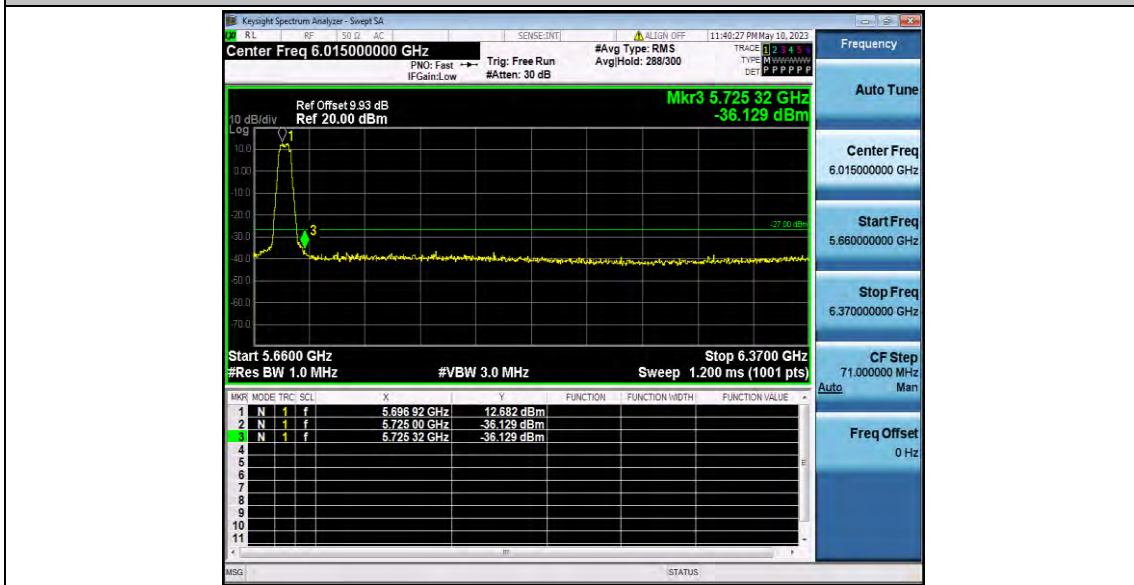
Test Result B3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.98	≤-27	PASS
		High	5700	-36.13	≤-27	PASS
11N20SISO	Ant1	Low	5500	-36.69	≤-27	PASS
		High	5700	-35.48	≤-27	PASS
11N40SISO	Ant1	Low	5510	-35.38	≤-27	PASS
		High	5670	-37.6	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-37.63	≤-27	PASS
		High	5700	-36.87	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-34.22	≤-27	PASS
		High	5670	-35.41	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-33.89	≤-27	PASS
		High	5610	-36.78	≤-27	PASS
11AX20SISO	Ant1	Low	5500	-37.25	≤-27	PASS
		High	5700	-35.66	≤-27	PASS
11AX40SISO	Ant1	Low	5510	-30.76	≤-27	PASS
		High	5670	-34.65	≤-27	PASS
11AX80SISO	Ant1	Low	5530	-34.05	≤-27	PASS
		High	5610	-37.59	≤-27	PASS

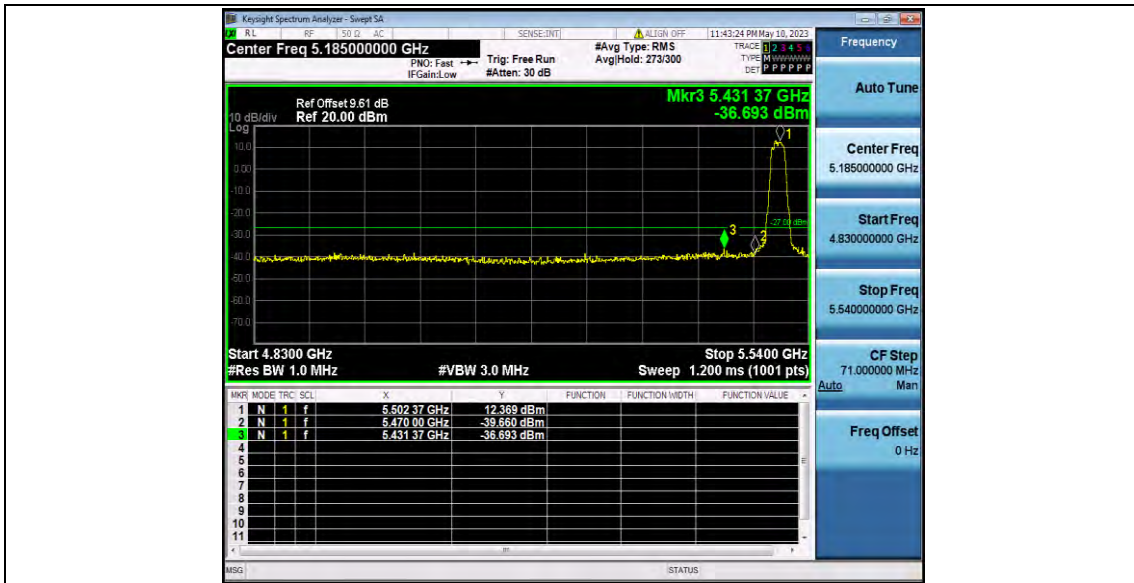
Test Graphs B3



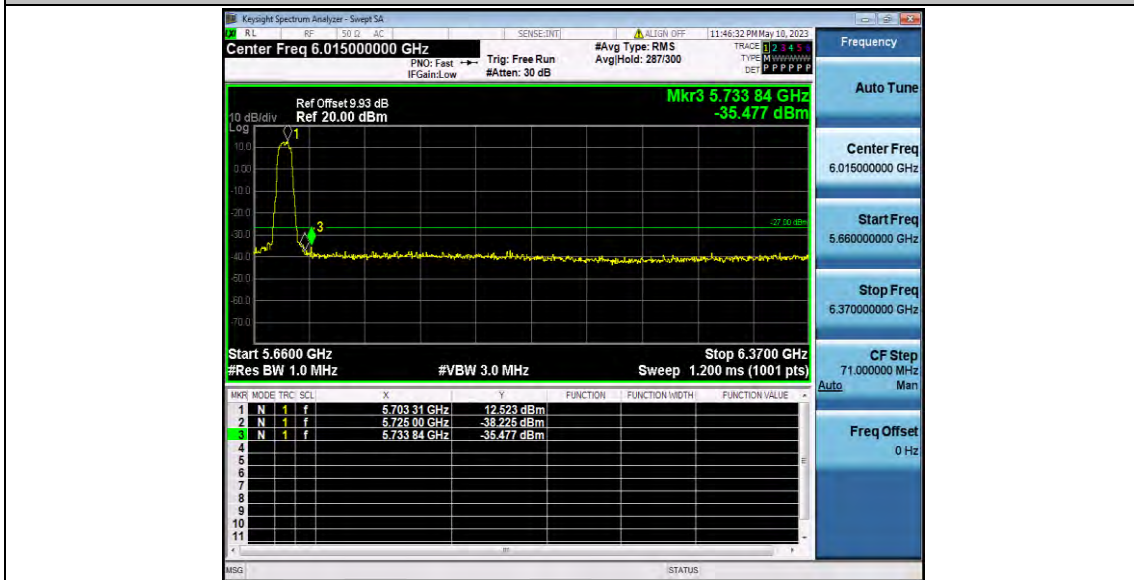
11A_Ant1_Low_5500



11A_Ant1_High_5700



11N20SISO_Ant1_Low_5500



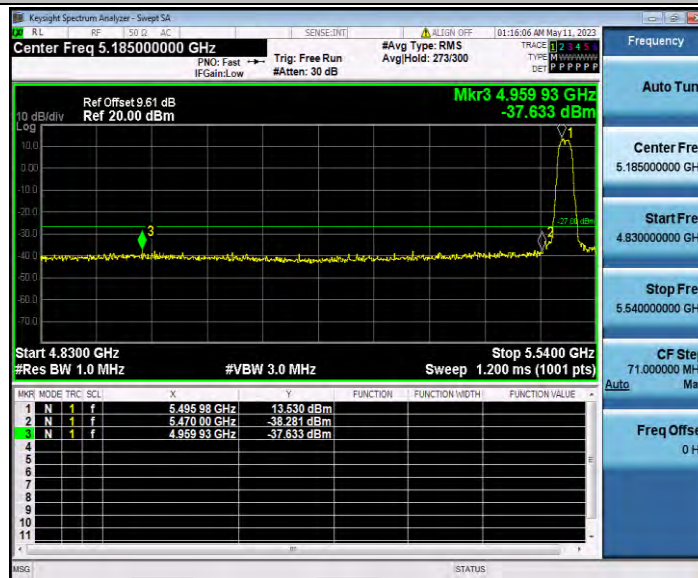
11N20SISO_Ant1_High_5700



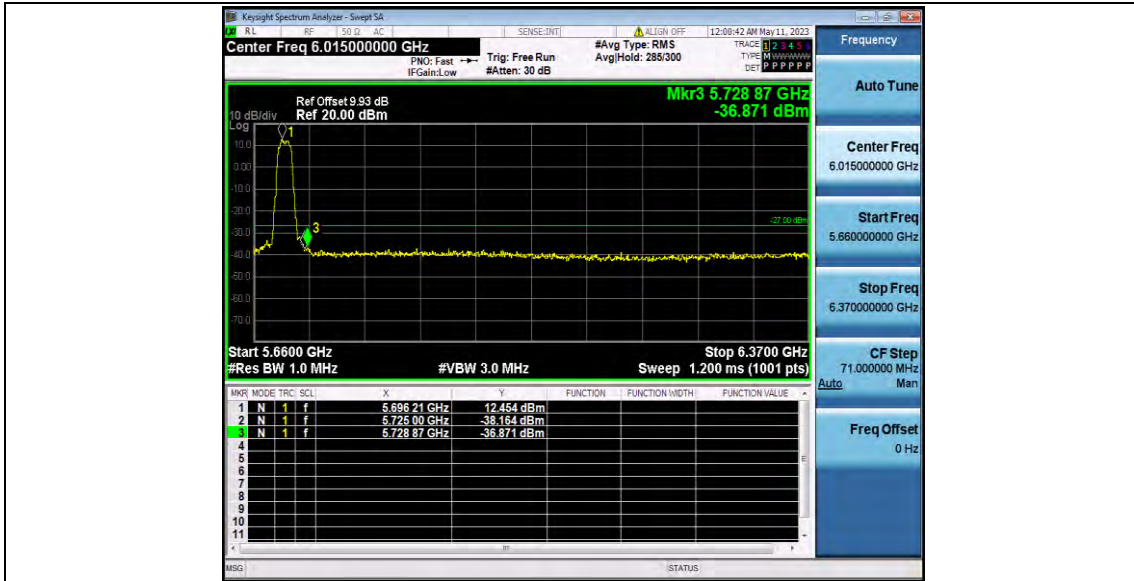
11N40SISO_Ant1_Low_5510



11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



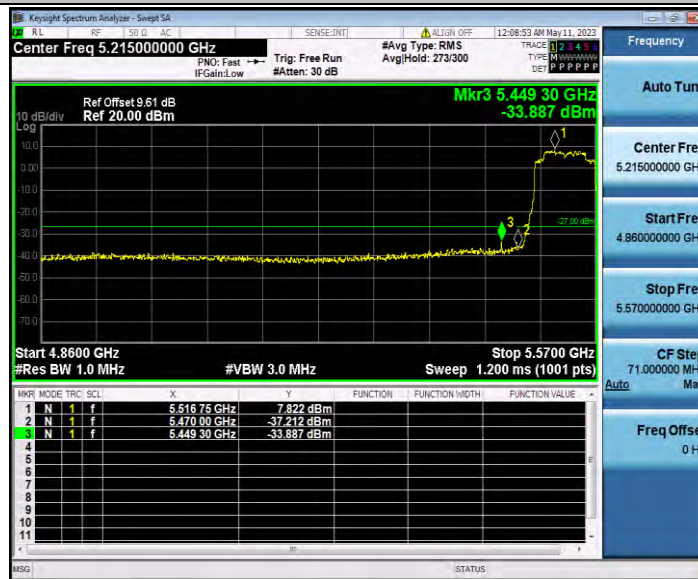
11AC20SISO_Ant1_High_5700



11AC40SISO_Ant1_Low_5510



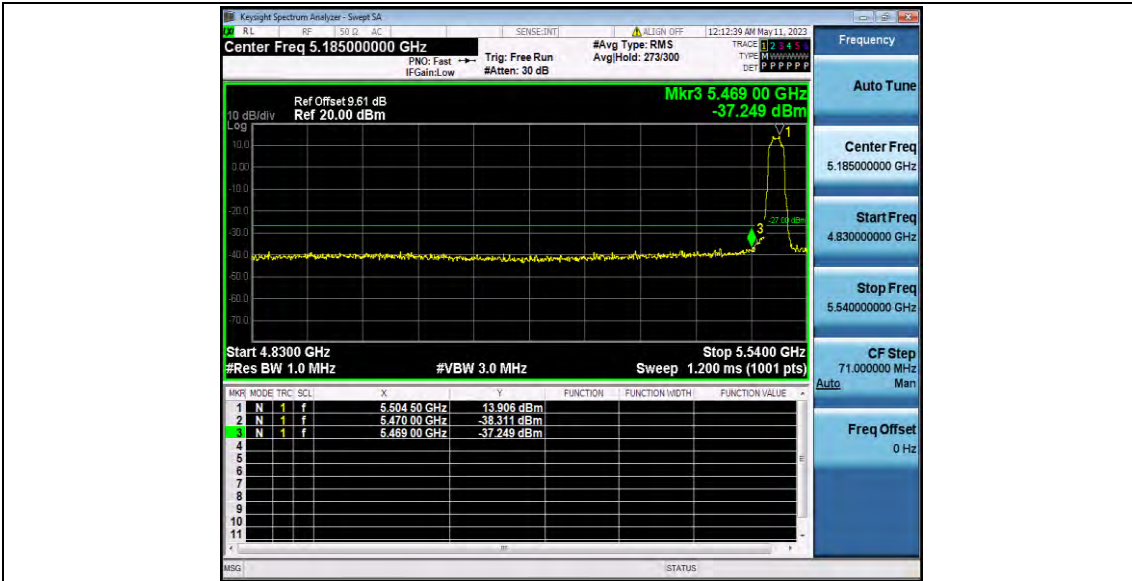
11AC40SISO_Ant1_High_5670



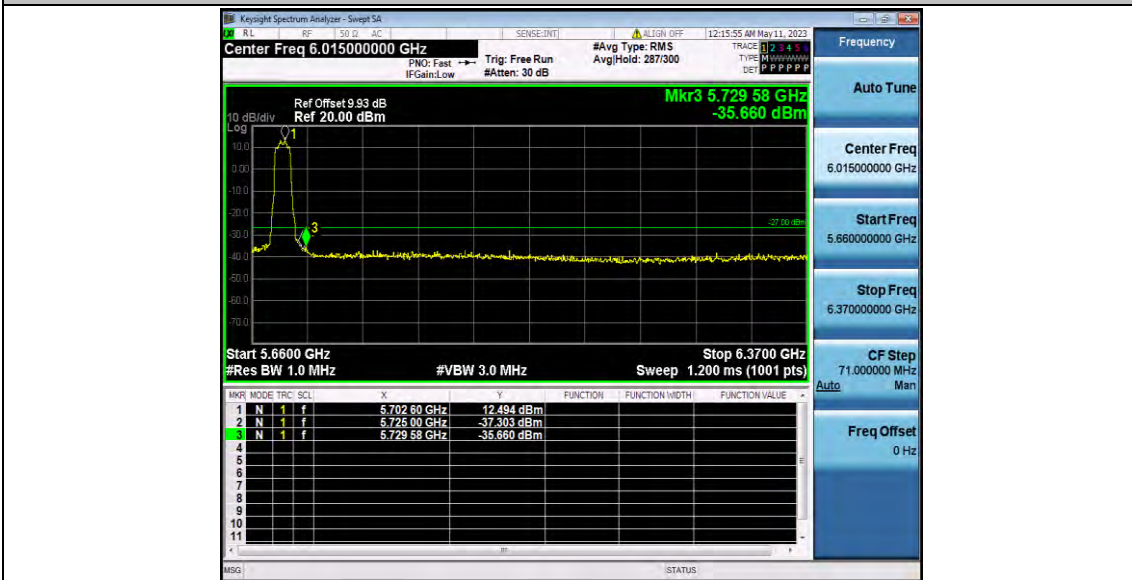
11AC80SISO_Ant1_Low_5530



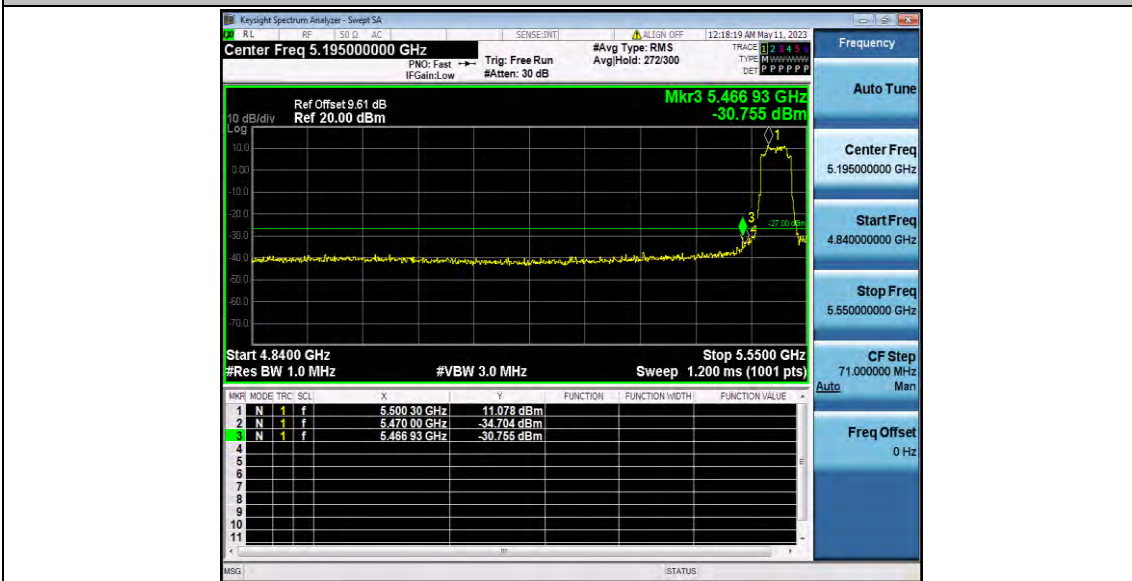
11AC80SISO_Ant1_High_5610



11AX20SISO_Ant1_Low_5500



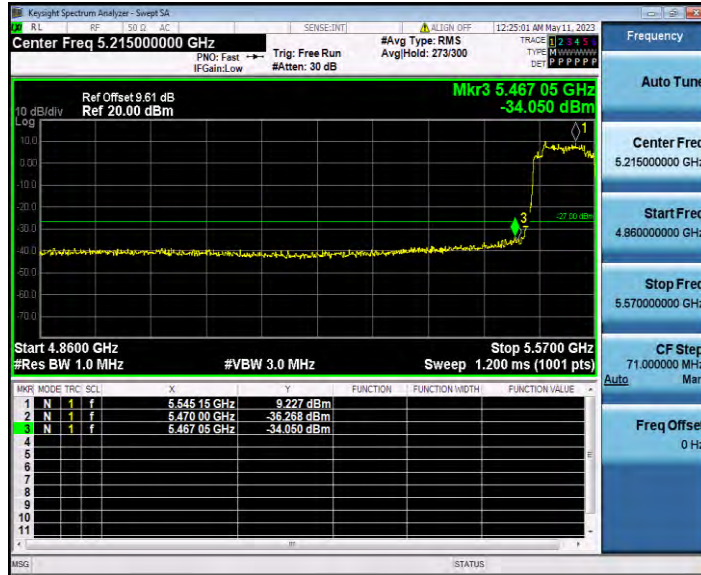
11AX20SISO_Ant1_High_5700



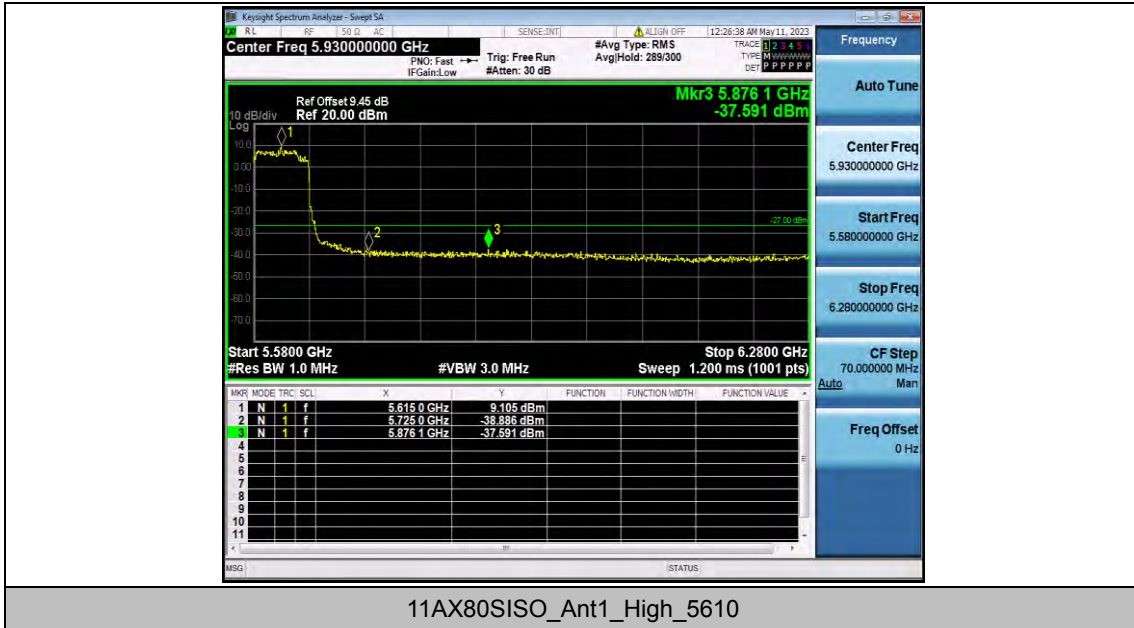
11AX40SISO_Ant1_Low_5510



11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610

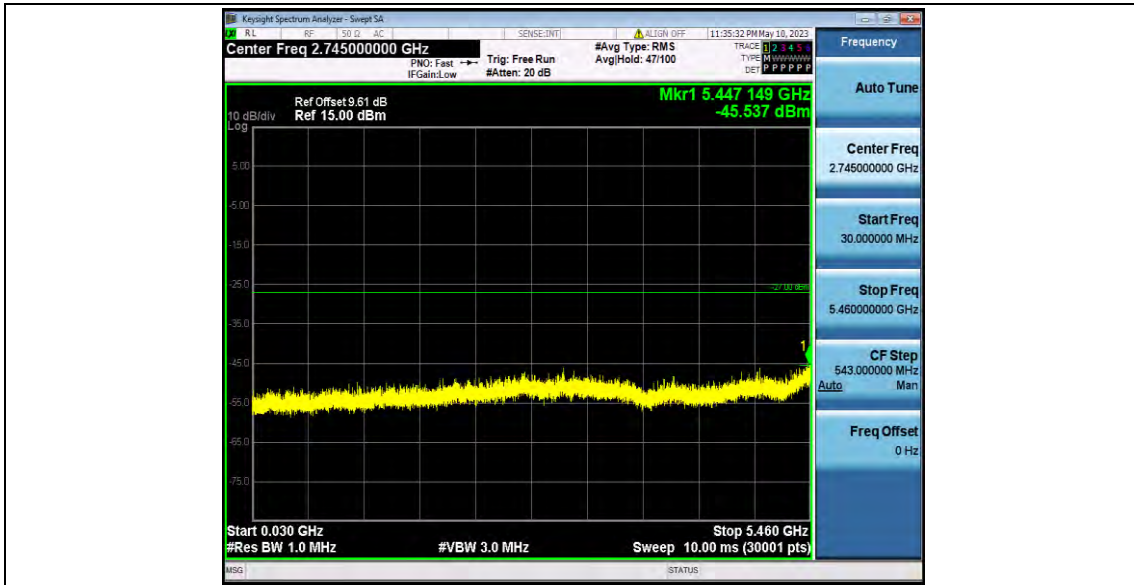
Appendix F.7: Conducted Spurious Emission

Test Result

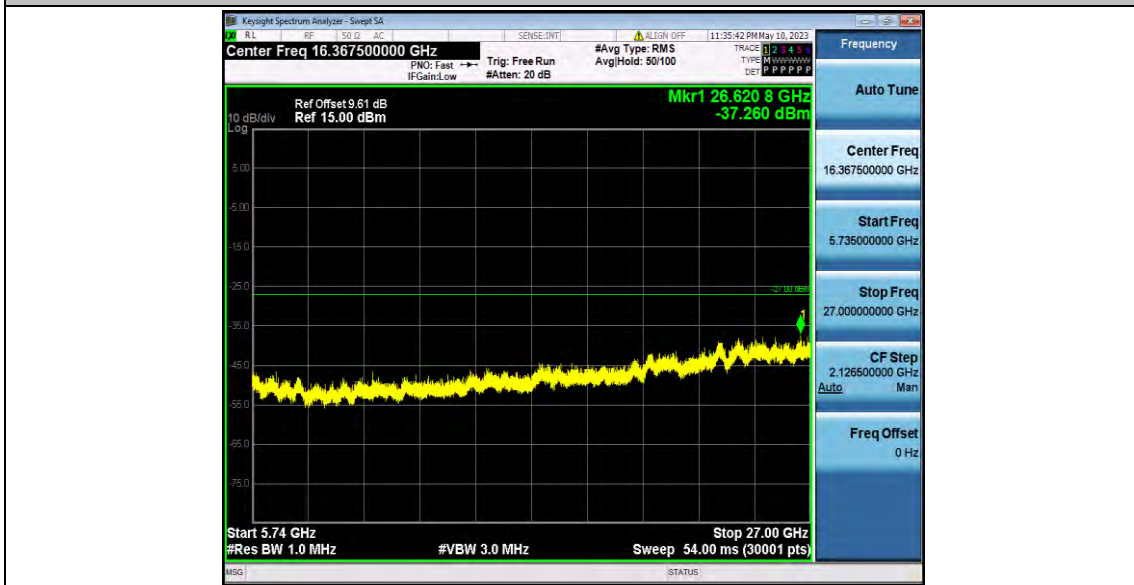
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5447.15	-45.54	≤-27	PASS
			5735~40000	26620.77	-37.26	≤-27	PASS
		5600	30~5460	5431.95	-46.28	≤-27	PASS
			5735~40000	25510.03	-38.27	≤-27	PASS
		5700	30~5460	5358.46	-46.31	≤-27	PASS
			5735~40000	26653.38	-37.66	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5457.65	-43.1	≤-27	PASS
			5735~40000	26505.94	-38.28	≤-27	PASS
		5600	30~5460	5369.32	-46.03	≤-27	PASS
			5735~40000	26024.65	-38.14	≤-27	PASS
		5700	30~5460	2637.31	-45.72	≤-27	PASS
			5735~40000	24254.69	-37.88	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5460	-41.36	≤-27	PASS
			5735~40000	24882.01	-38.1	≤-27	PASS
		5590	30~5460	5456.74	-45.71	≤-27	PASS
			5735~40000	24888.39	-38.23	≤-27	PASS
		5670	30~5460	5442.44	-46.35	≤-27	PASS
			5735~40000	23569.25	-36.87	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5458.19	-40.95	≤-27	PASS
			5735~40000	24314.23	-37.55	≤-27	PASS
		5600	30~5460	5435.2	-45.63	≤-27	PASS
			5735~40000	26927.7	-38.13	≤-27	PASS
		5700	30~5460	5451.31	-45.78	≤-27	PASS
			5735~40000	24096.62	-37.25	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5457.29	-42.09	≤-27	PASS
			5735~40000	25656.76	-37.84	≤-27	PASS
		5590	30~5460	5404.61	-45.42	≤-27	PASS
			5735~40000	26475.46	-37.71	≤-27	PASS
		5670	30~5460	5358.28	-45.99	≤-27	PASS
			5735~40000	25188.93	-37.48	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5450.41	-34.34	≤-27	PASS
			5735~40000	25252.73	-38.14	≤-27	PASS
		5610	30~5460	5401.9	-41.82	≤-27	PASS
			5735~40000	23549.4	-38.01	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5460	-43.12	≤-27	PASS
			5735~40000	23647.93	-37.64	≤-27	PASS

		5600	30~5460	5435.2	-45.9	≤ -27	PASS
			5735~40000	25186.8	-38.13	≤ -27	PASS
		5700	30~5460	5407.51	-45.13	≤ -27	PASS
			5735~40000	26726.39	-37.26	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5457.83	-39.16	≤ -27	PASS
			5735~40000	24125.68	-37.54	≤ -27	PASS
		5590	30~5460	5456.56	-45.89	≤ -27	PASS
			5735~40000	26877.37	-37.7	≤ -27	PASS
		5670	30~5460	5405.7	-44.71	≤ -27	PASS
			5735~40000	26802.24	-37.74	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5458.55	-37.99	≤ -27	PASS
			5735~40000	26833.42	-37.52	≤ -27	PASS
		5610	30~5460	5454.21	-41.13	≤ -27	PASS
			5735~40000	24314.94	-37.61	≤ -27	PASS

Test Graphs



11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~40000



11A_Ant1_5600_30~5460



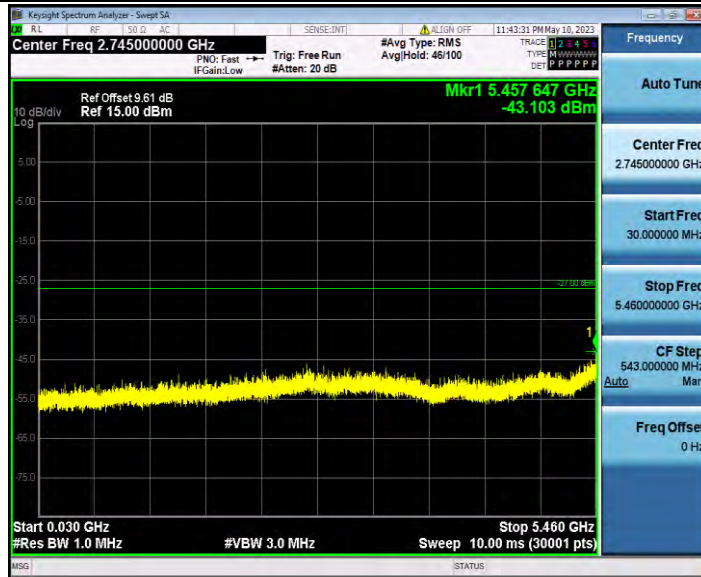
11A_Ant1_5600_5735~40000



11A_Ant1_5700_30~5460



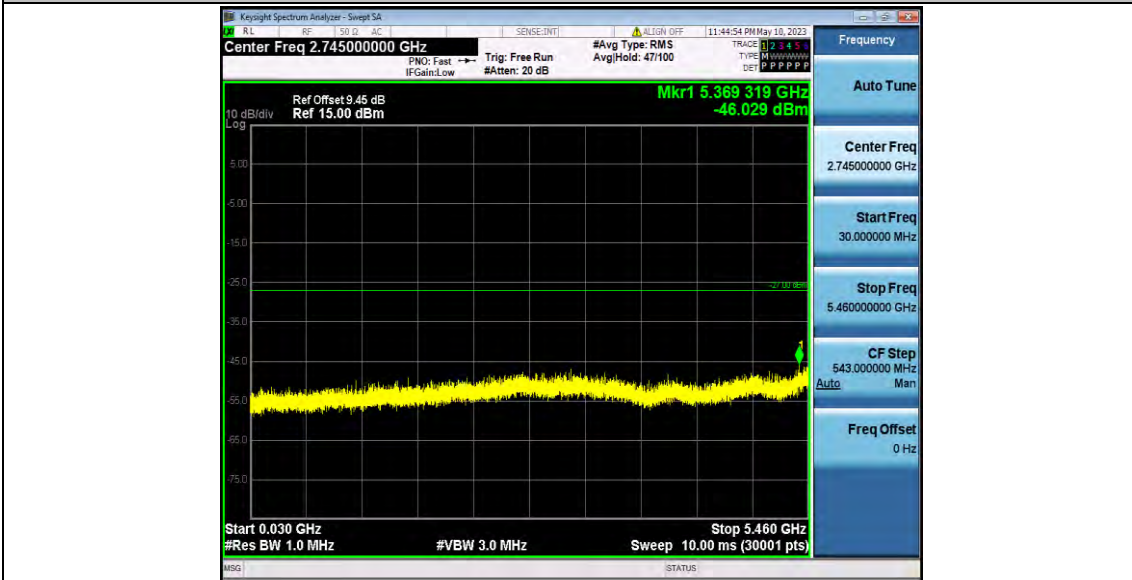
11A_Ant1_5700_5735~40000



11N20SISO_Ant1_5500_30~5460



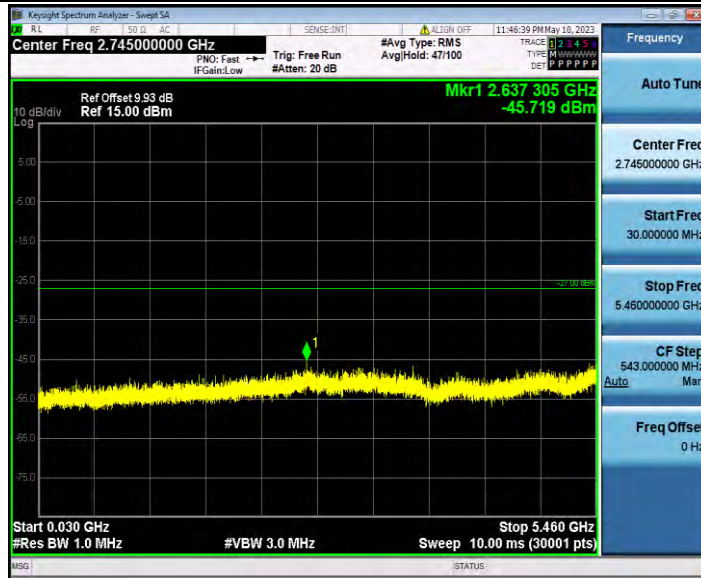
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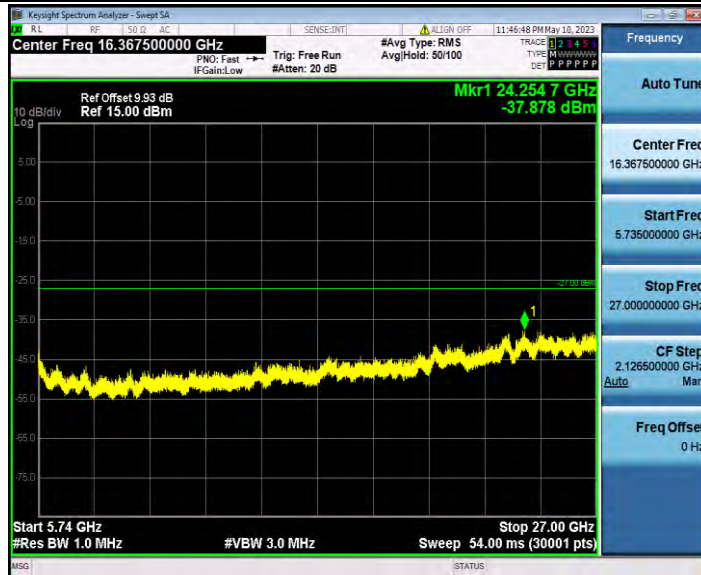
11N20SISO_Ant1_5600_30~5460



11N20SISO_Ant1_5600_5735~40000



11N20SISO_Ant1_5700_30~5460



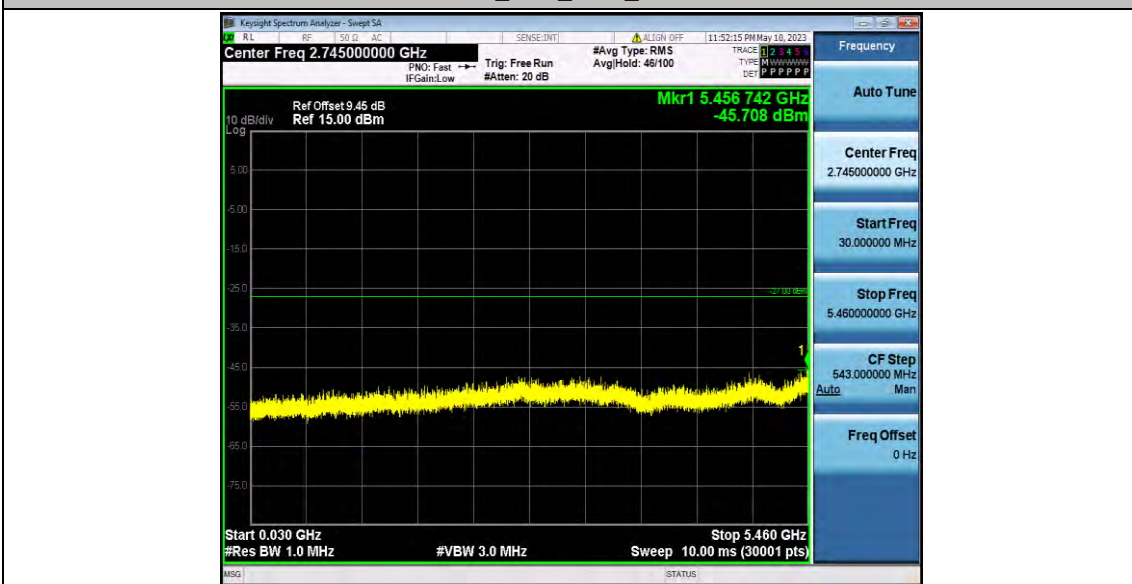
11N20SISO_Ant1_5700_5735~40000



11N40SISO_Ant1_5510_30~5460



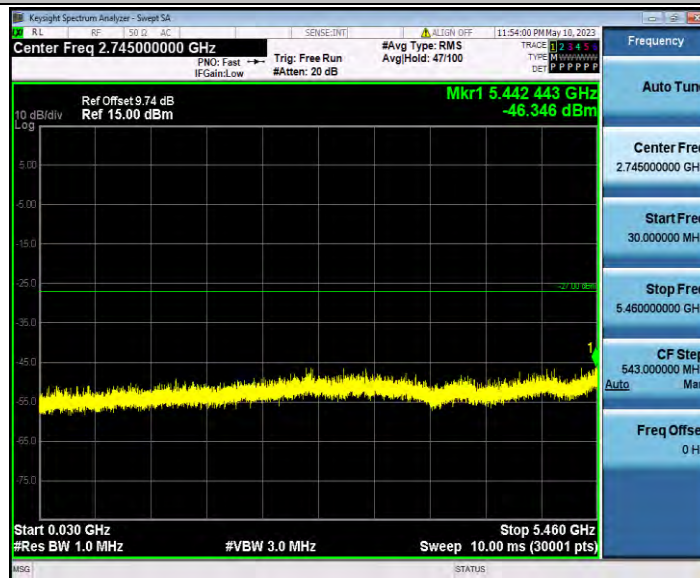
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11N40SISO_Ant1_5590_30~5460



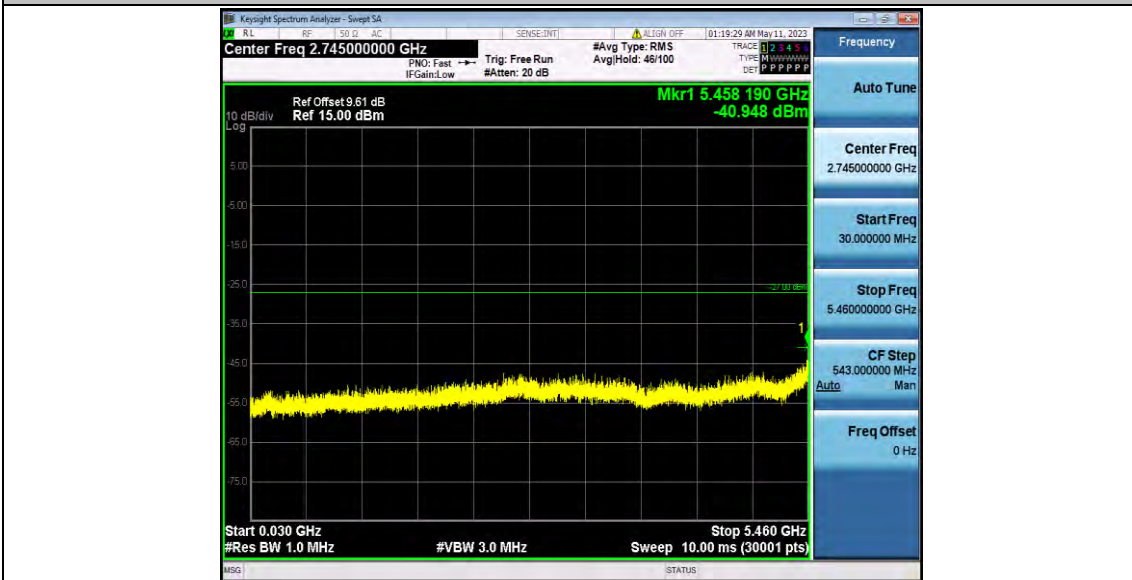
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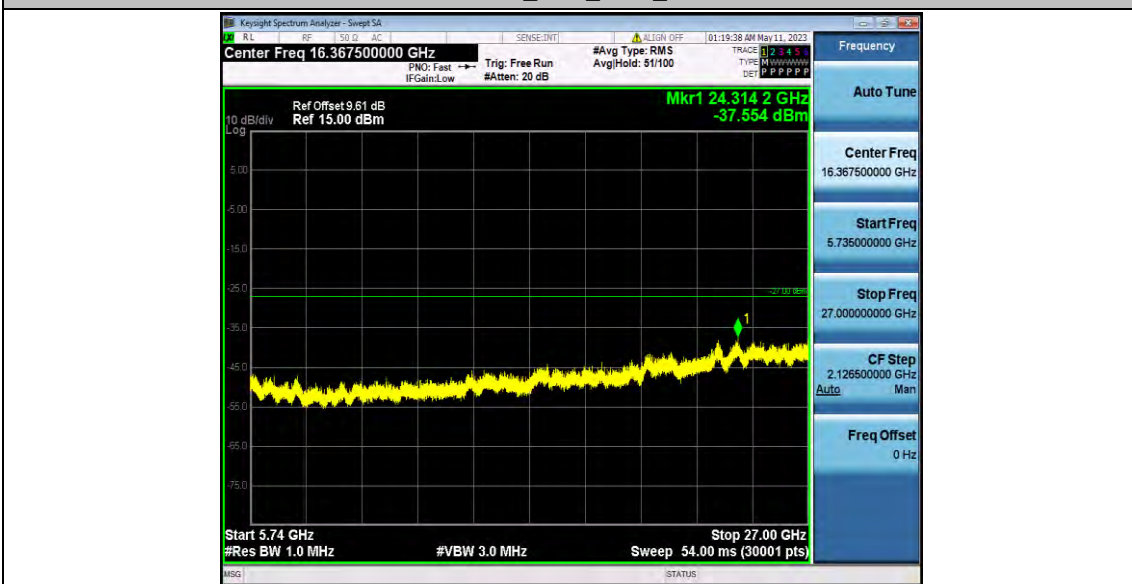
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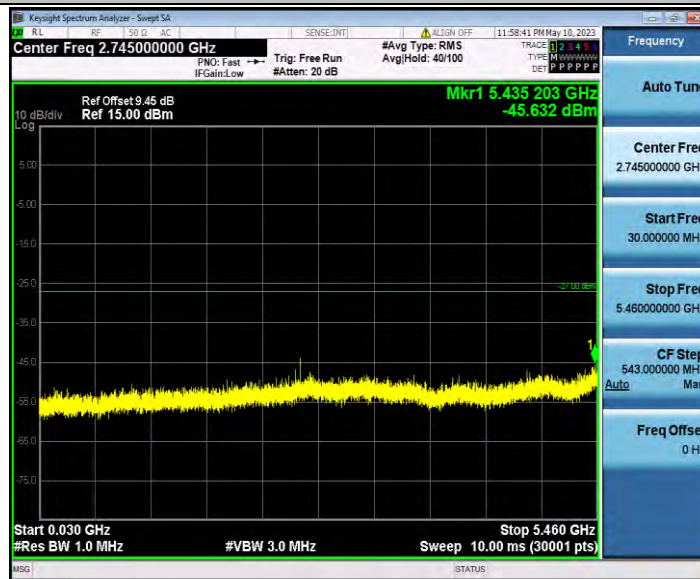
11N40SISO_Ant1_5670_5735~40000



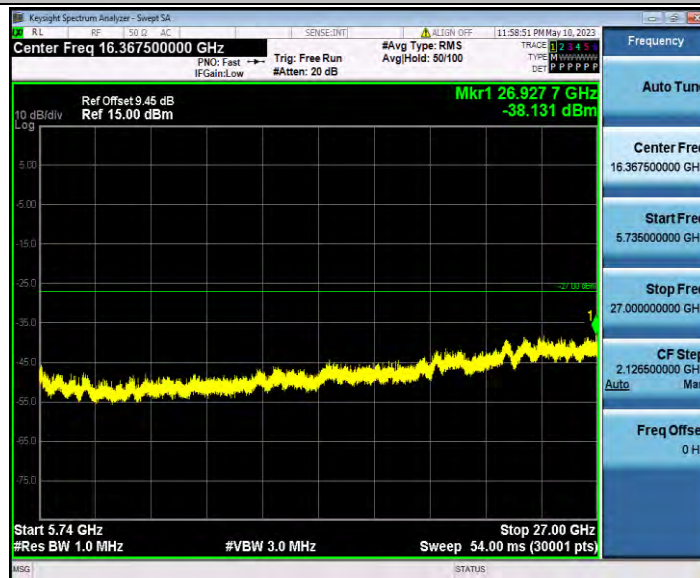
11AC20SISO_Ant1_5500_30~5460



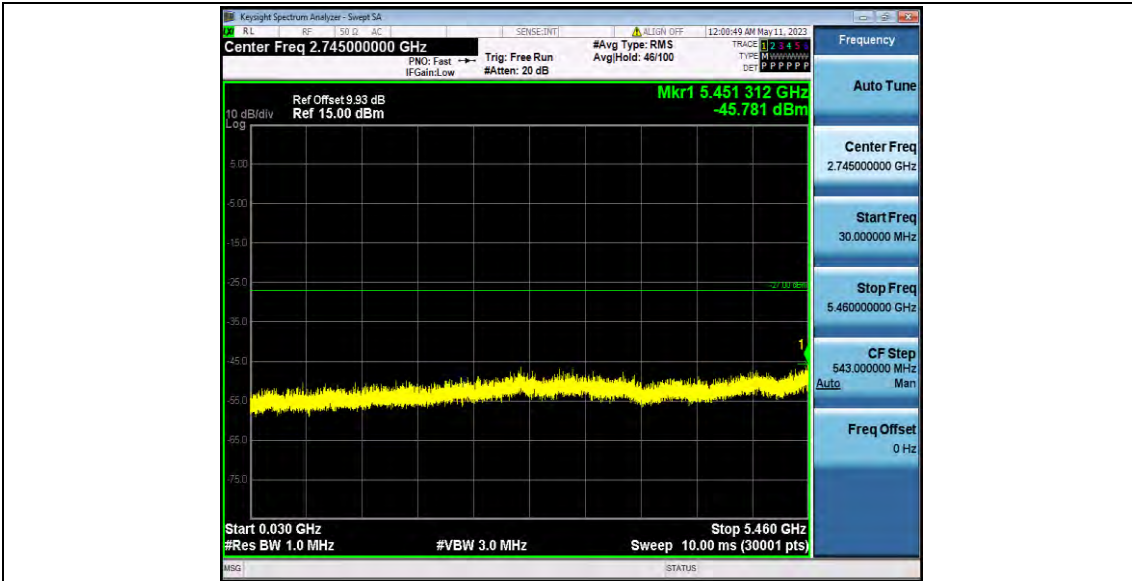
11AC20SISO_Ant1_5500_5735~40000



11AC20SISO_Ant1_5600_30~5460



11AC20SISO_Ant1_5600_5735~40000



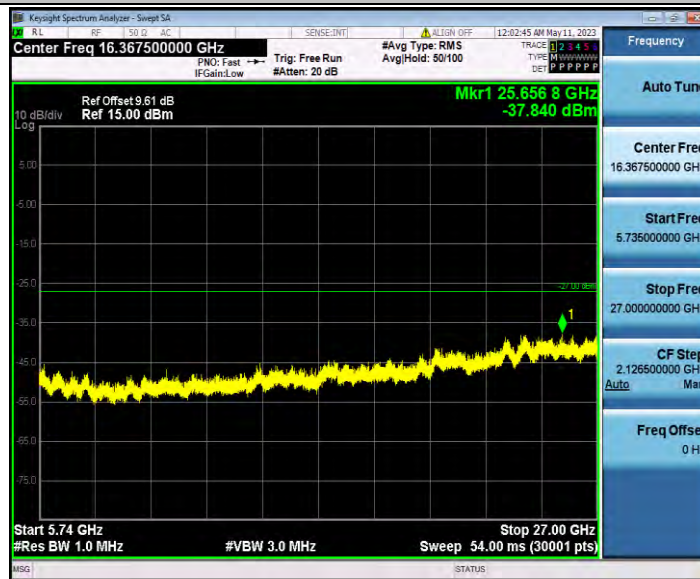
11AC20SISO_Ant1_5700_30~5460



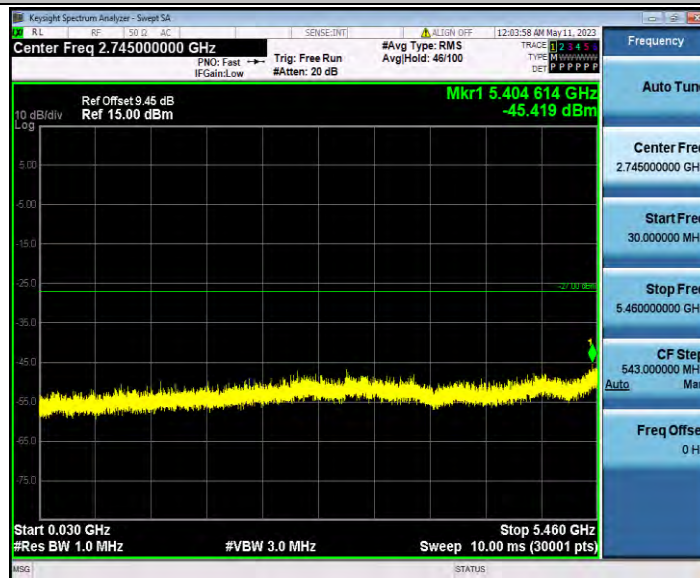
11AC20SISO_Ant1_5700_5735~40000



11AC40SISO_Ant1_5510_30~5460



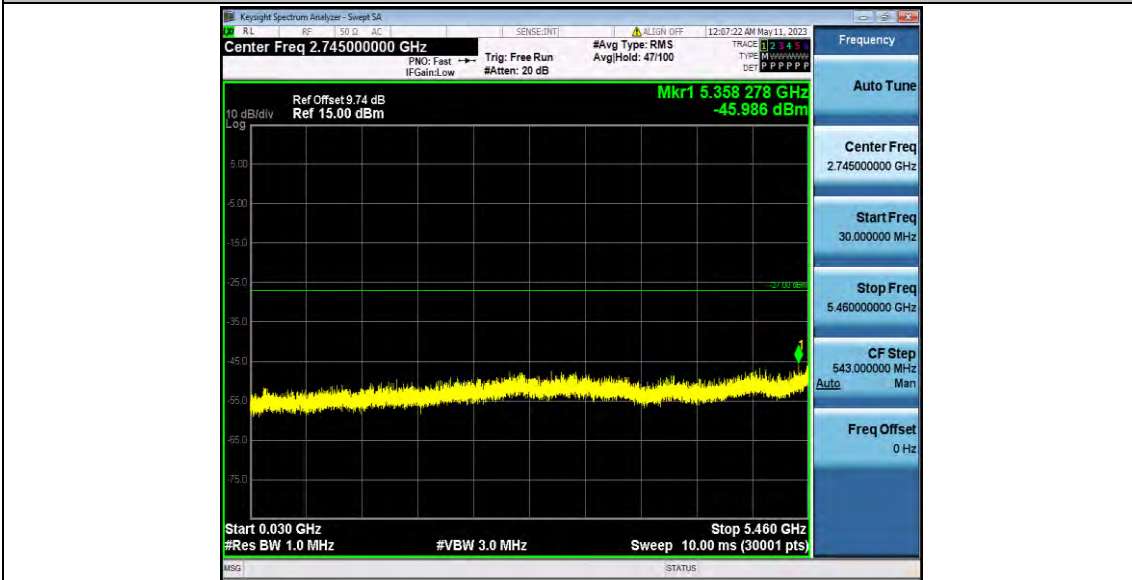
11AC40SISO_Ant1_5510_5735~40000



11AC40SISO_Ant1_5590_30~5460



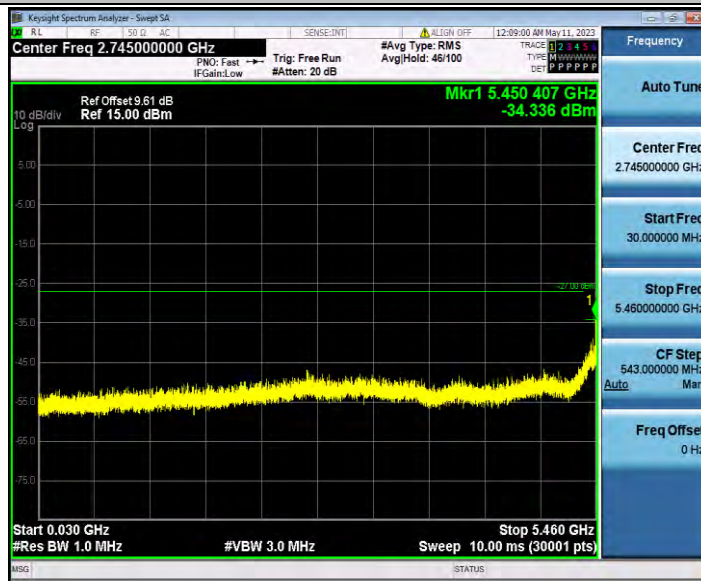
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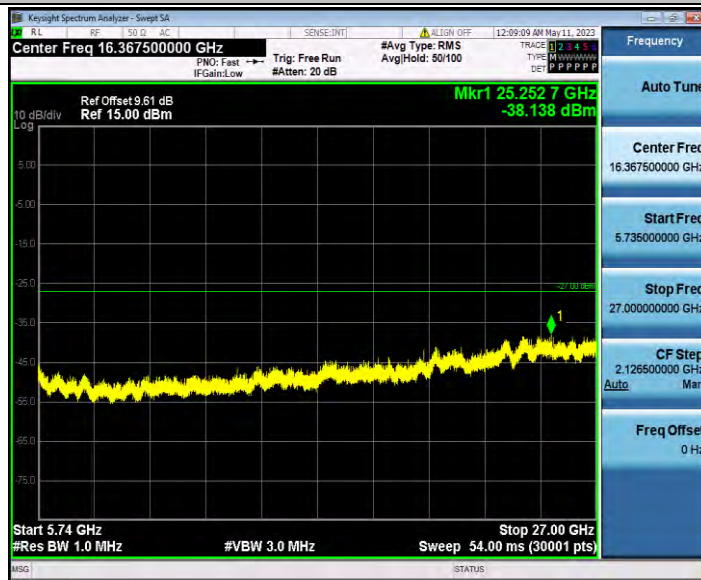
11AC40SISO_Ant1_5670_30~5460



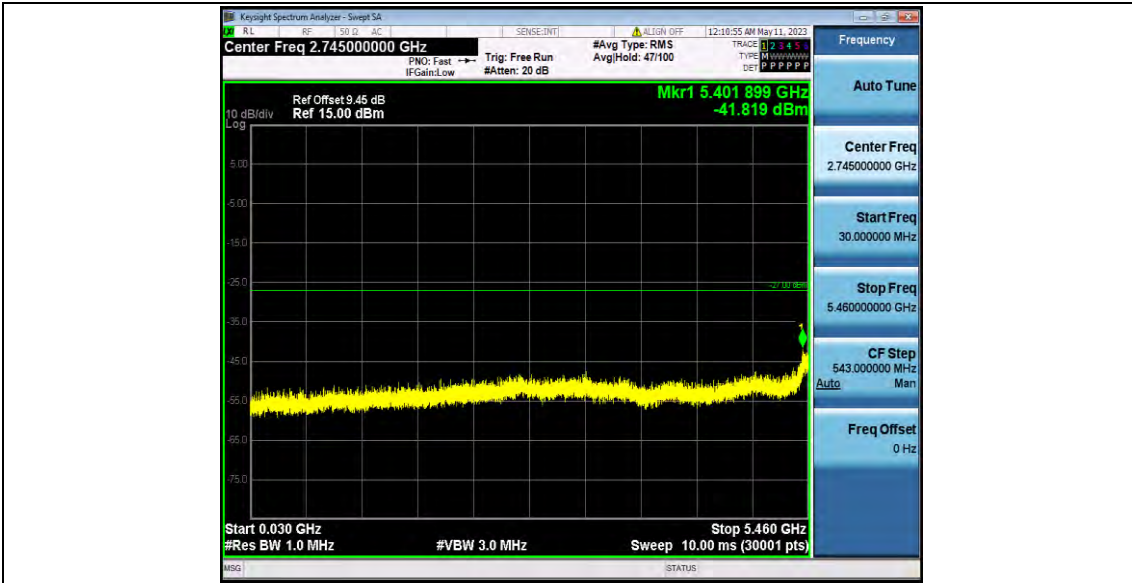
11AC40SISO_Ant1_5670_5735~40000



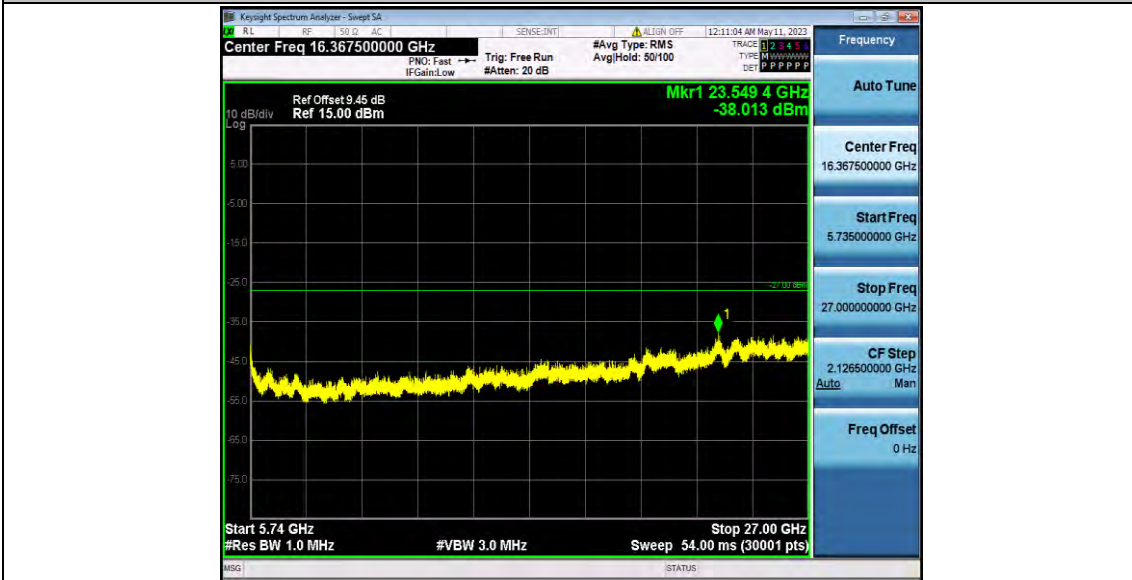
11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~40000



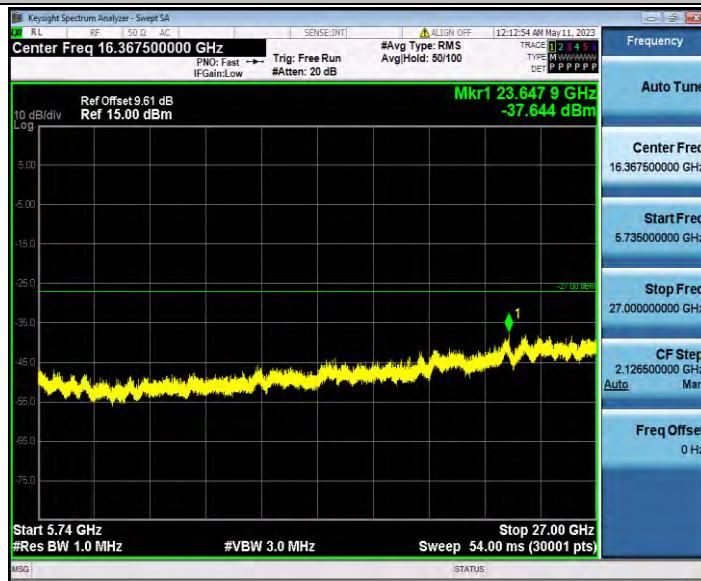
11AC80SISO_Ant1_5610_30~5460



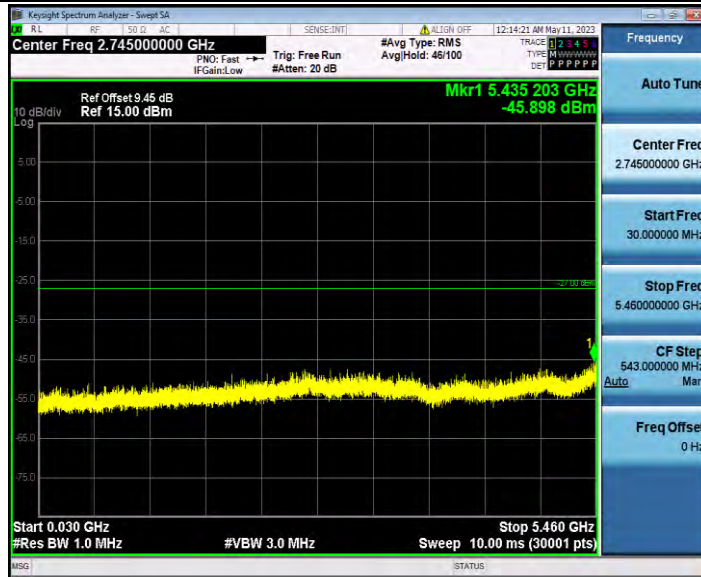
11AC80SISO_Ant1_5610_5735~40000



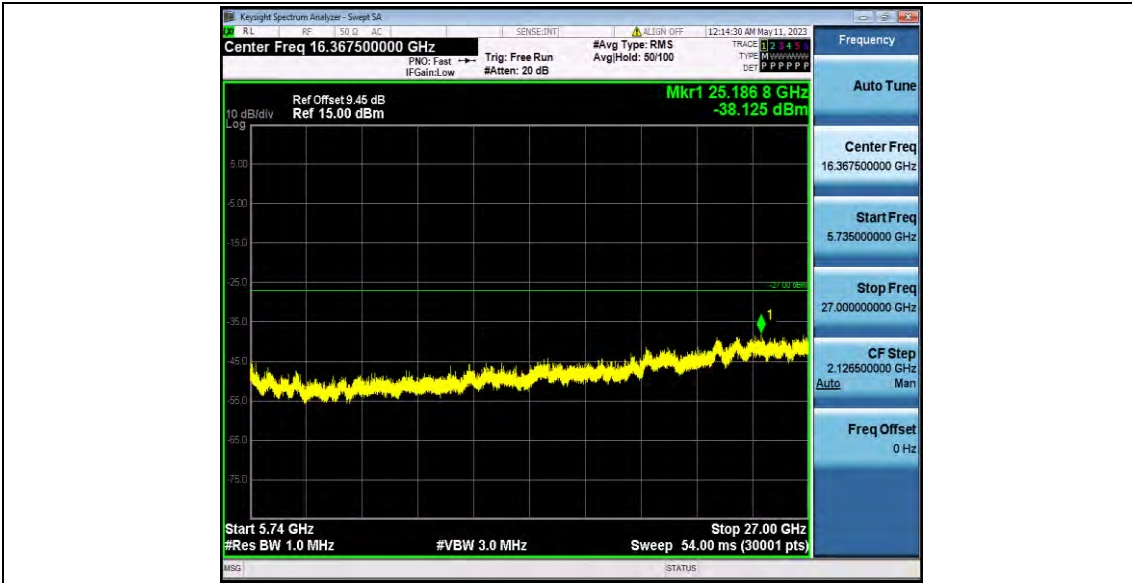
11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~40000



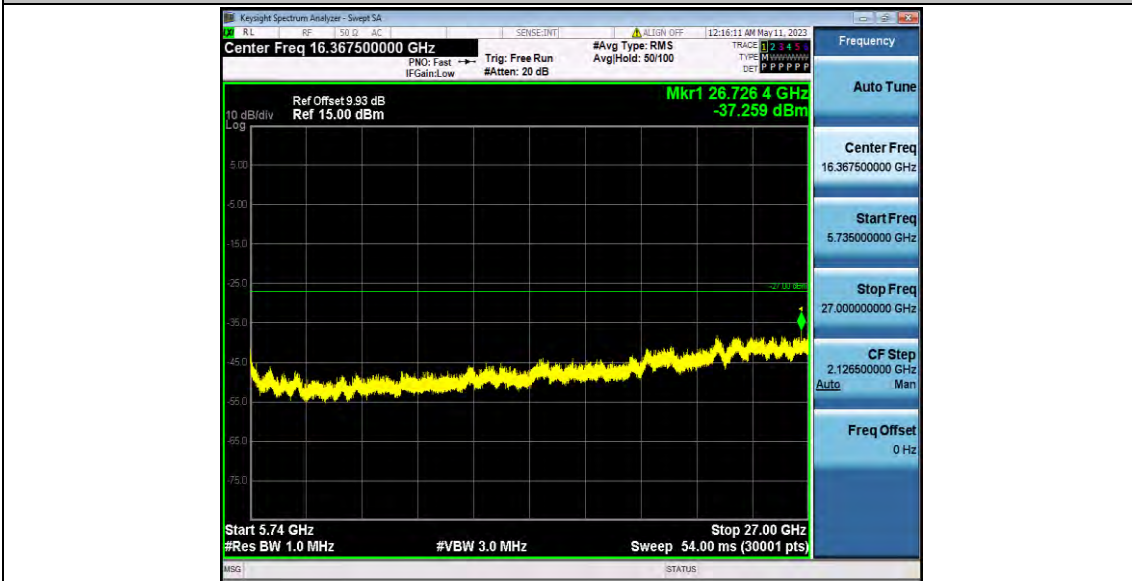
11AX20SISO_Ant1_5600_30~5460



11AX20SISO_Ant1_5600_5735~4000



11AX20SISO_Ant1_5700_30~5460



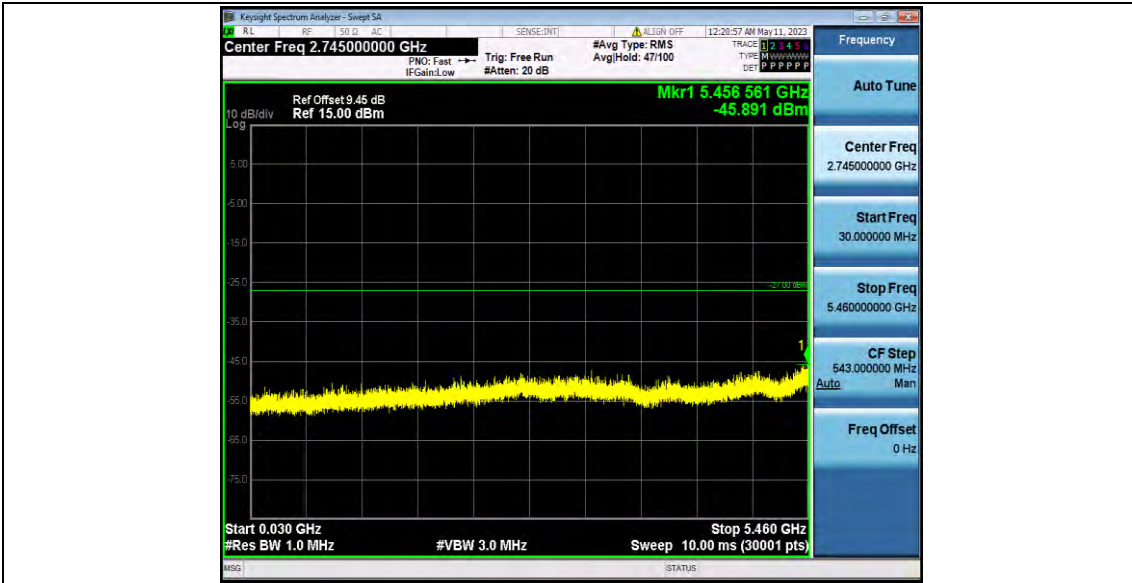
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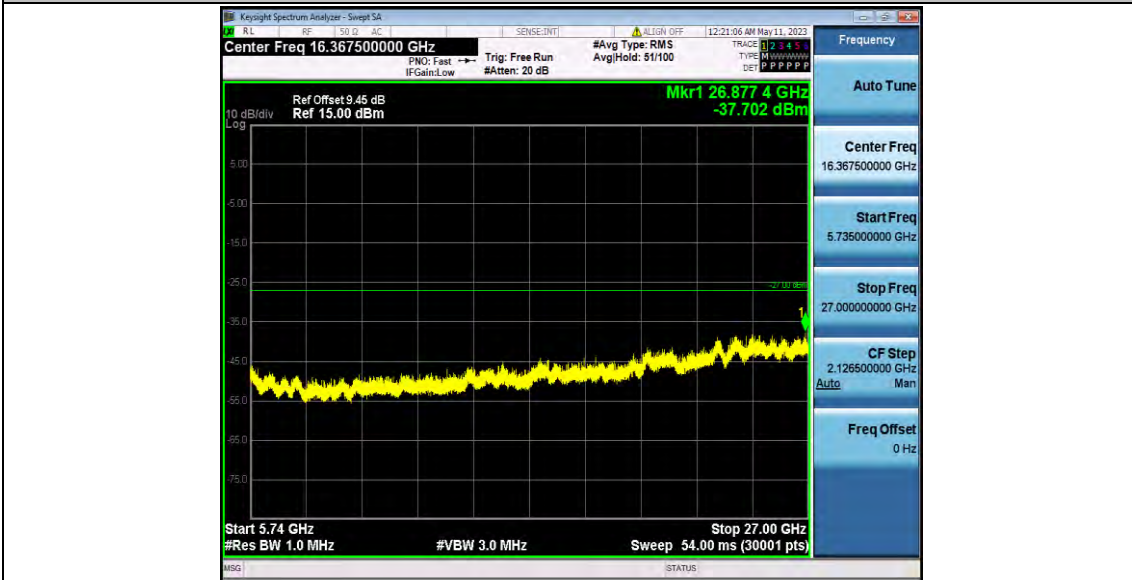
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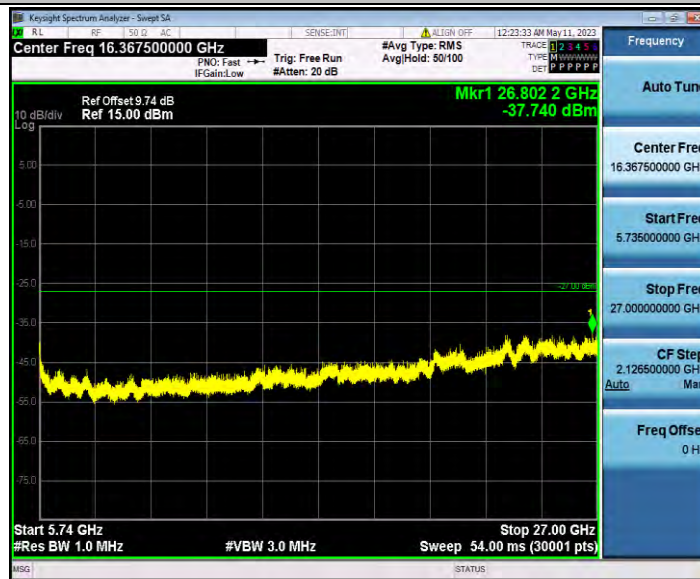
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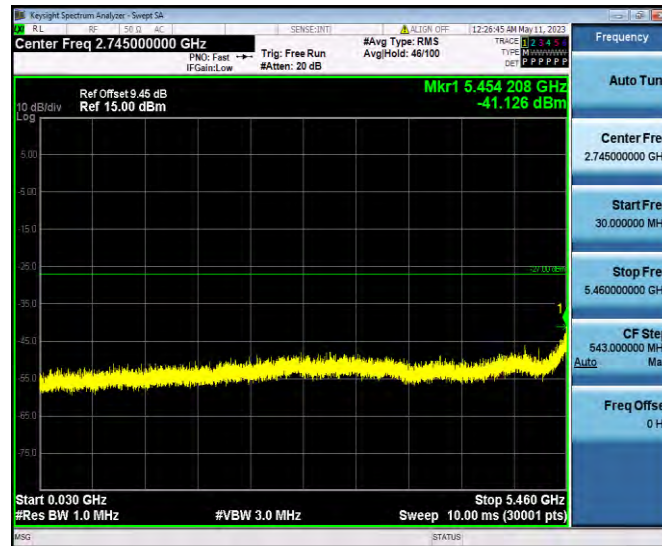
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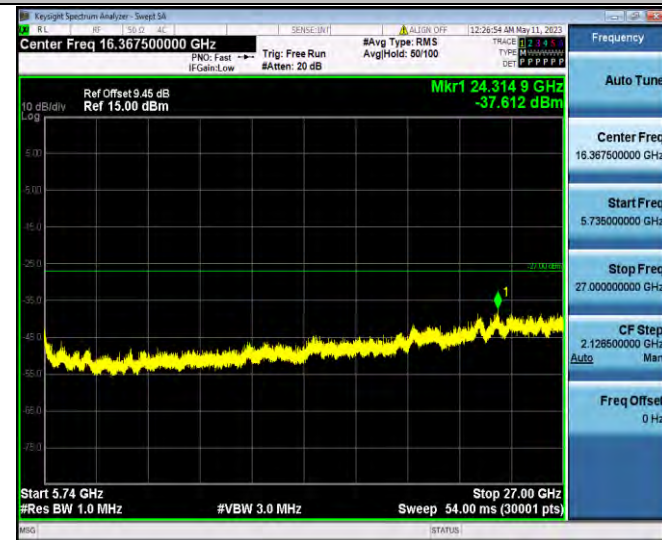
11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~4000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~4000