

Appendix F.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	3.55	≤11.00	PASS
		5600	3.55	≤11.00	PASS
		5700	3.54	≤11.00	PASS
11N20SISO	Ant1	5500	4.57	≤11.00	PASS
		5600	4.74	≤11.00	PASS
		5700	5.01	≤11.00	PASS
11N40SISO	Ant1	5510	0.49	≤11.00	PASS
		5590	0.22	≤11.00	PASS
		5670	1.39	≤11.00	PASS
11AC20SISO	Ant1	5500	4.55	≤11.00	PASS
		5600	4.2	≤11.00	PASS
		5700	4.19	≤11.00	PASS
11AC40SISO	Ant1	5510	-2.11	≤11.00	PASS
		5590	-2.48	≤11.00	PASS
		5670	-1.67	≤11.00	PASS
11AC80SISO	Ant1	5530	-7.41	≤11.00	PASS
		5610	-7.35	≤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



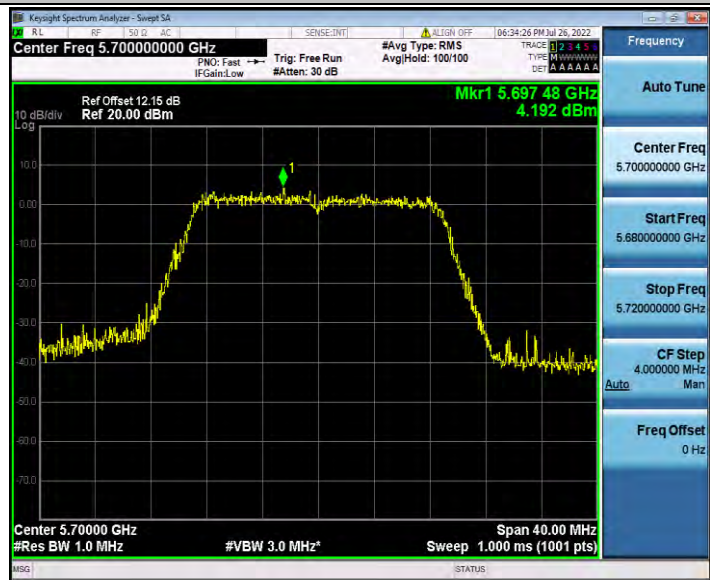
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



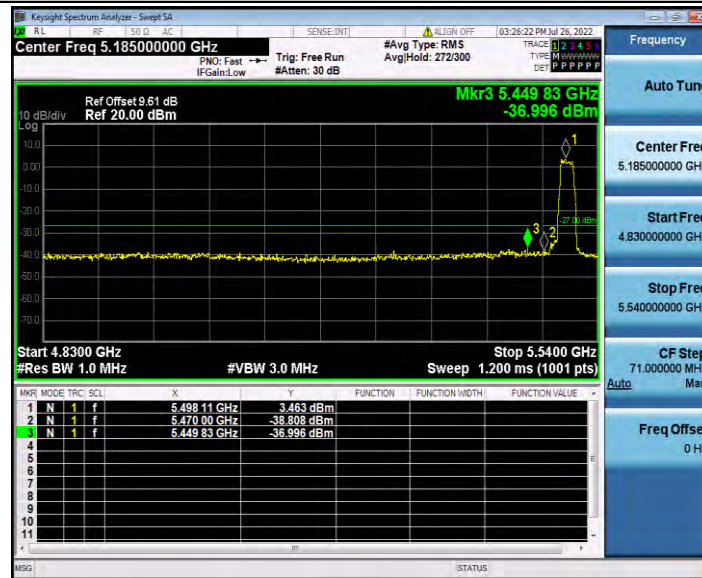
Appendix F.5: Band edge measurements

Test Result B3

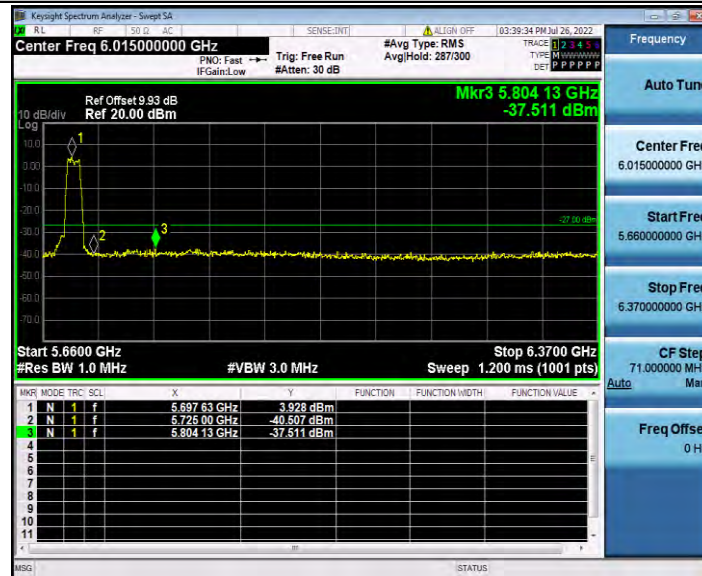
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37	≤-27	PASS
		High	5700	-37.51	≤-27	PASS
11N20SISO	Ant1	Low	5500	-36.54	≤-27	PASS
		High	5700	-34.81	≤-27	PASS
11N40SISO	Ant1	Low	5510	-35.11	≤-27	PASS
		High	5670	-37.83	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-37.49	≤-27	PASS
		High	5700	-36.82	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-35.8	≤-27	PASS
		High	5670	-38.29	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-36.19	≤-27	PASS
		High	5610	-38.37	≤-27	PASS

Test Graphs B3

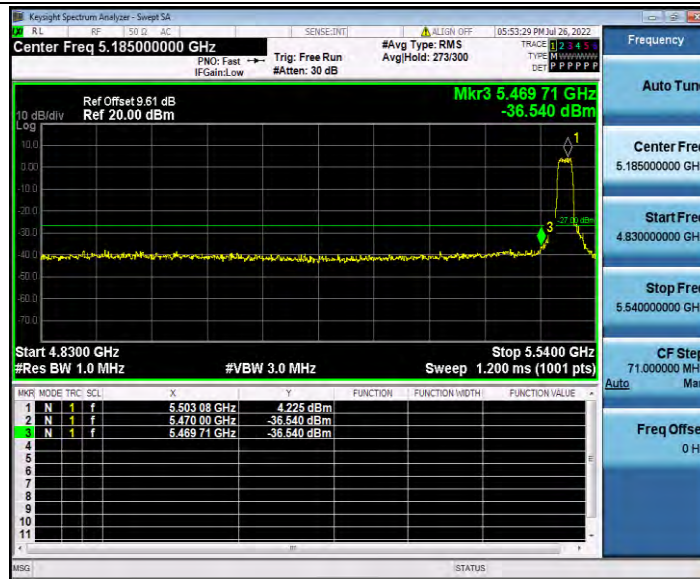
11A_Ant1_Low_5500



11A_Ant1_High_5700



11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



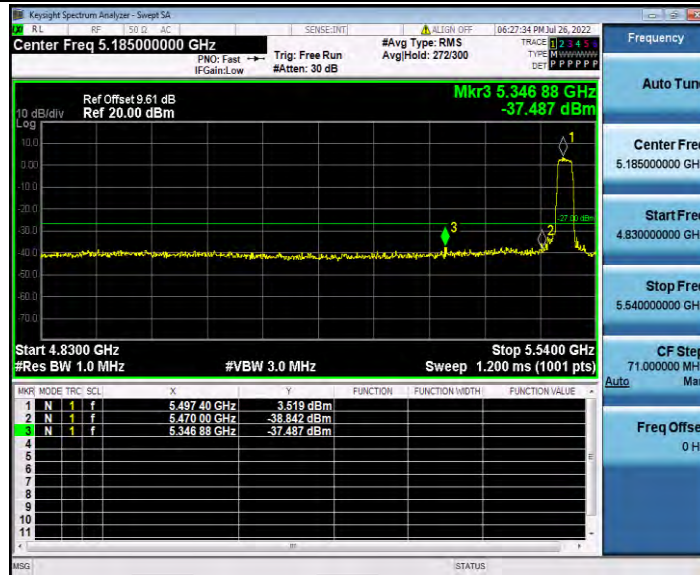
11N40SISO_Ant1_Low_5510



11N40SISO_Ant1_High_5670



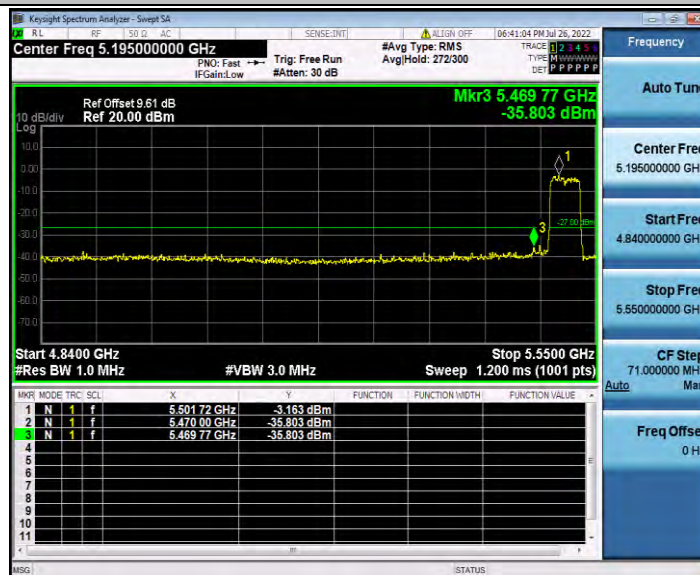
11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



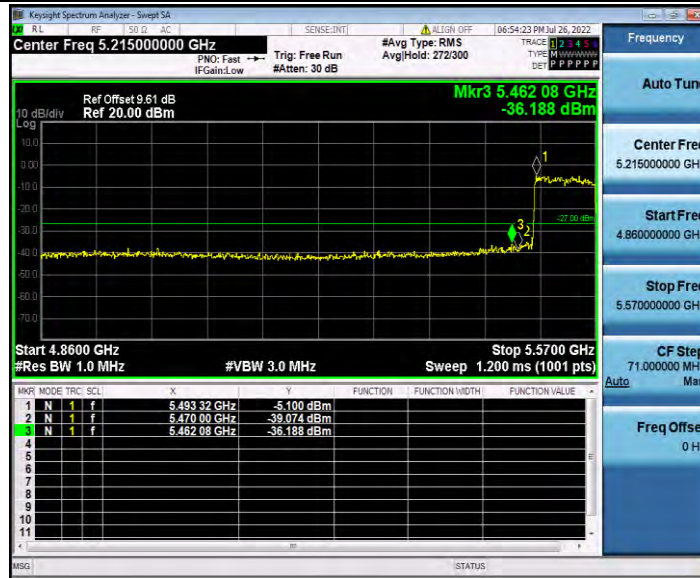
11AC40SISO_Ant1_Low_5510



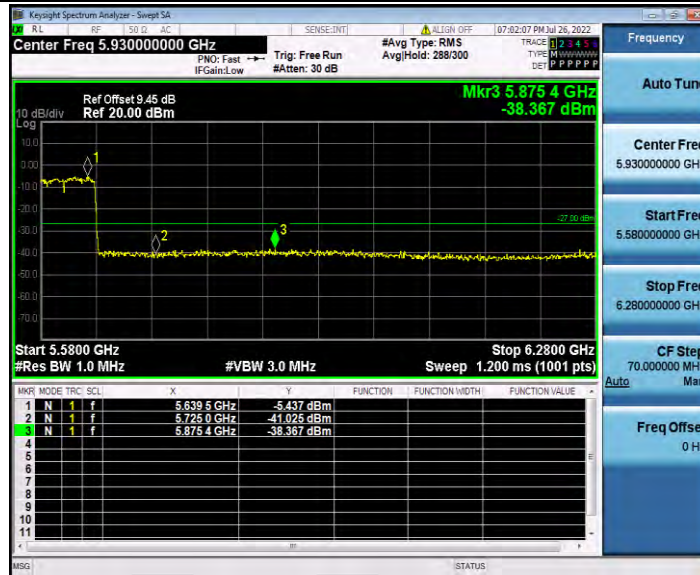
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



Appendix F.6: 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	5426.33	-43.14	≤-27	PASS
			5735~40000	24930.92	-38.01	≤-27	PASS
		5600	30~5460	5424.89	-47.41	≤-27	PASS
			5735~40000	24265.32	-38.36	≤-27	PASS
		5700	30~5460	5399.18	-46.85	≤-27	PASS
			5735~40000	26574.7	-38.29	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5422.35	-43.22	≤-27	PASS
			5735~40000	23601.85	-38.08	≤-27	PASS
		5600	30~5460	5447.69	-46.72	≤-27	PASS
			5735~40000	26544.93	-38.44	≤-27	PASS
		5700	30~5460	1763.08	-45.97	≤-27	PASS
			5735~40000	26031.02	-37.36	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5459.82	-43.01	≤-27	PASS
			5735~40000	25013.85	-37.36	≤-27	PASS
		5590	30~5460	5459.1	-46.81	≤-27	PASS
			5735~40000	24251.85	-38.29	≤-27	PASS
		5670	30~5460	3045.46	-47.05	≤-27	PASS
			5735~40000	24241.93	-38.06	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5424.71	-42.74	≤-27	PASS
			5735~40000	23674.86	-38.68	≤-27	PASS
		5600	30~5460	4944.15	-46.49	≤-27	PASS
			5735~40000	24195.15	-38.51	≤-27	PASS
		5700	30~5460	5325.7	-46.86	≤-27	PASS
			5735~40000	25990.62	-38.04	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5438.64	-46.14	≤-27	PASS
			5735~40000	24331.95	-37.8	≤-27	PASS
		5590	30~5460	5451.13	-46.71	≤-27	PASS
			5735~40000	25646.84	-37.89	≤-27	PASS
		5670	30~5460	4945.6	-46.92	≤-27	PASS
			5735~40000	24733.86	-38.28	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5453.85	-38.79	≤-27	PASS
			5735~40000	26589.59	-37.83	≤-27	PASS
		5610	30~5460	5005.87	-46.51	≤-27	PASS
			5735~40000	24227.75	-37.98	≤-27	PASS

Test Graphs

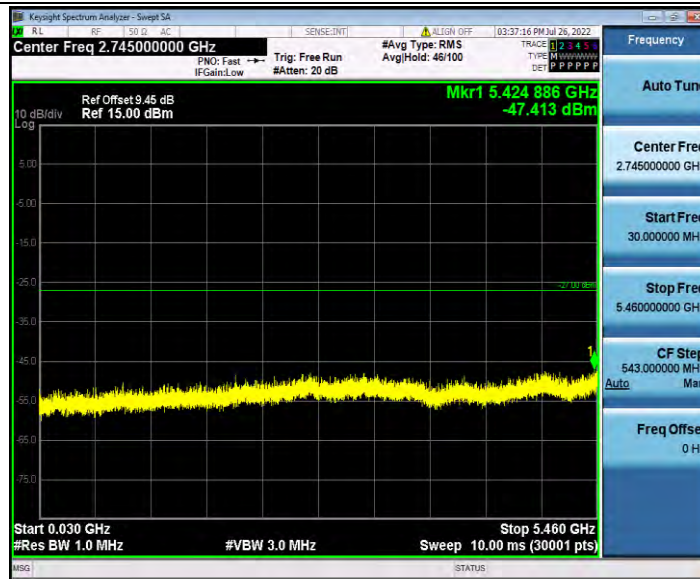
11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~40000



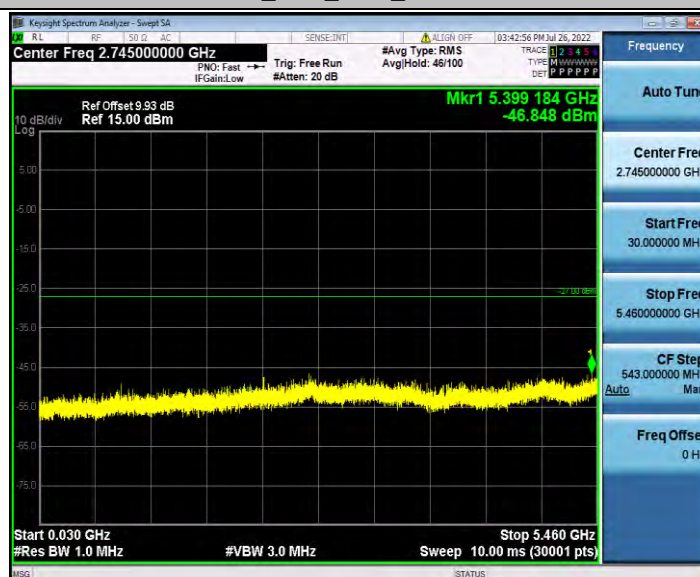
11A_Ant1_5600_30~5460



11A_Ant1_5600_5735~40000



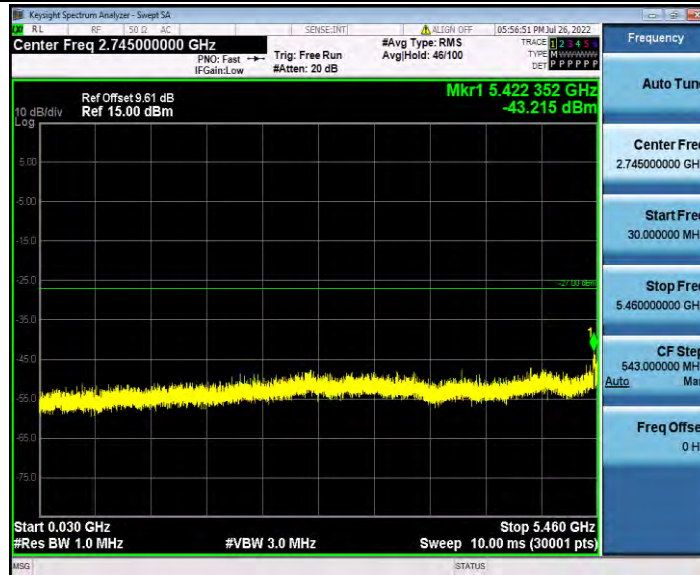
11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~40000



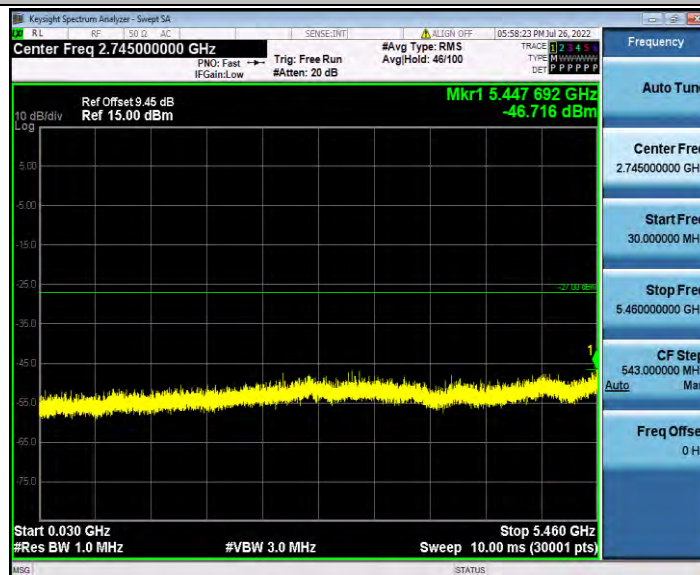
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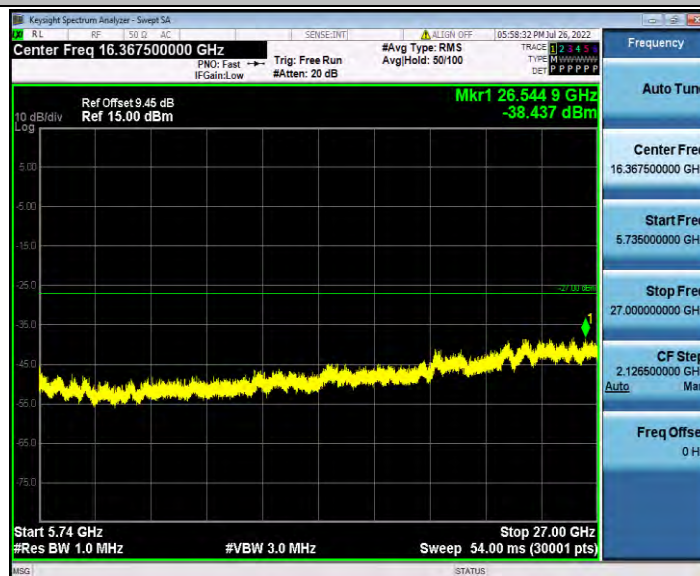
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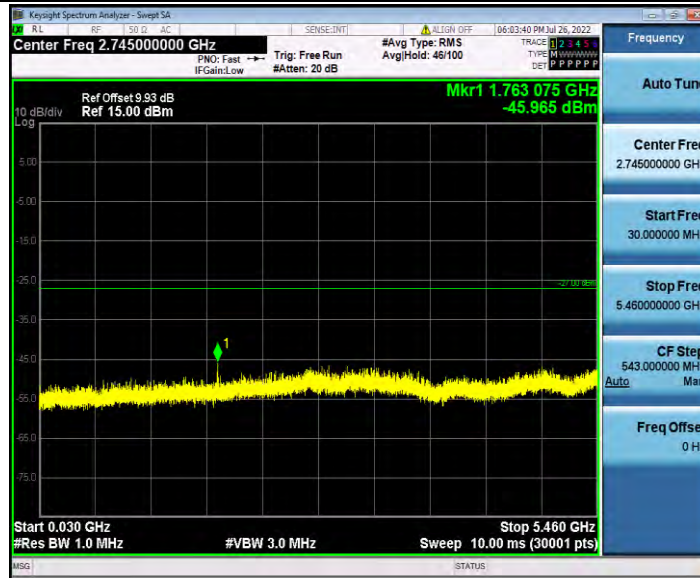
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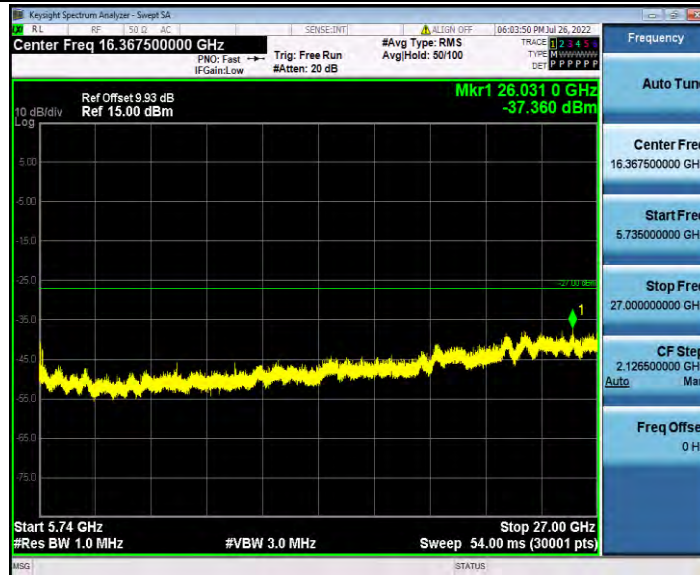
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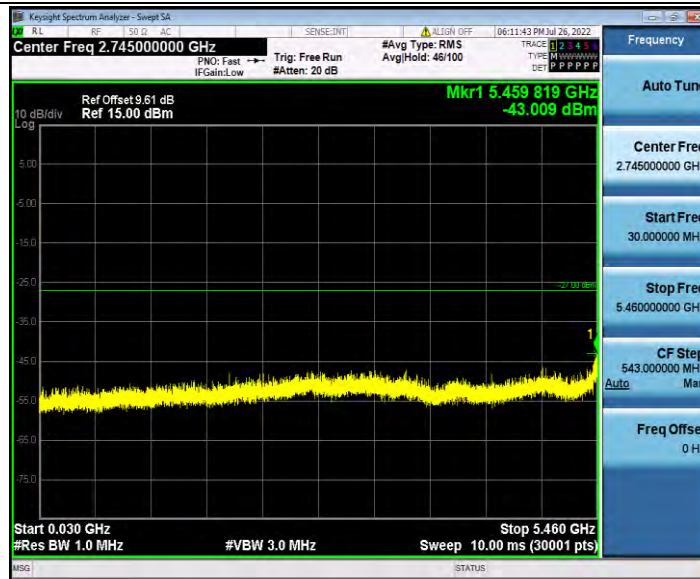
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11N20SISO_Ant1_5700_5735~40000



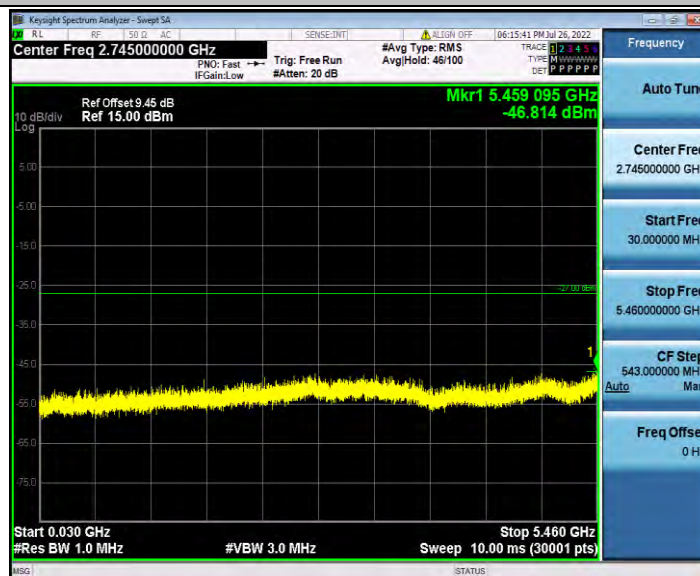
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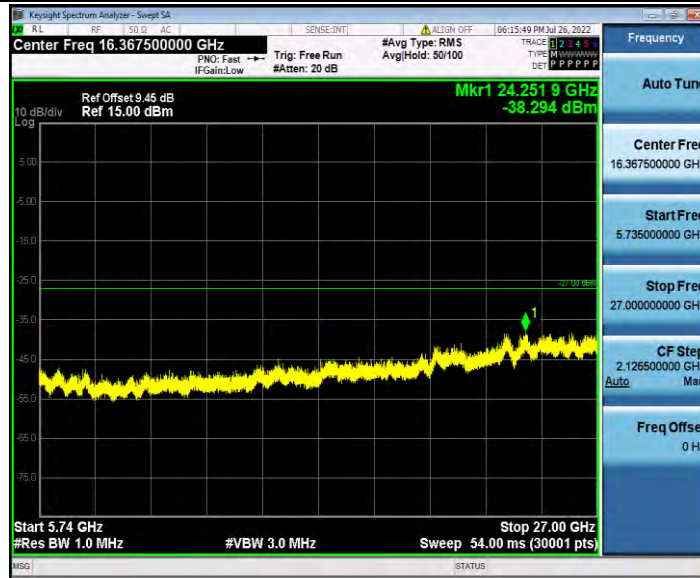
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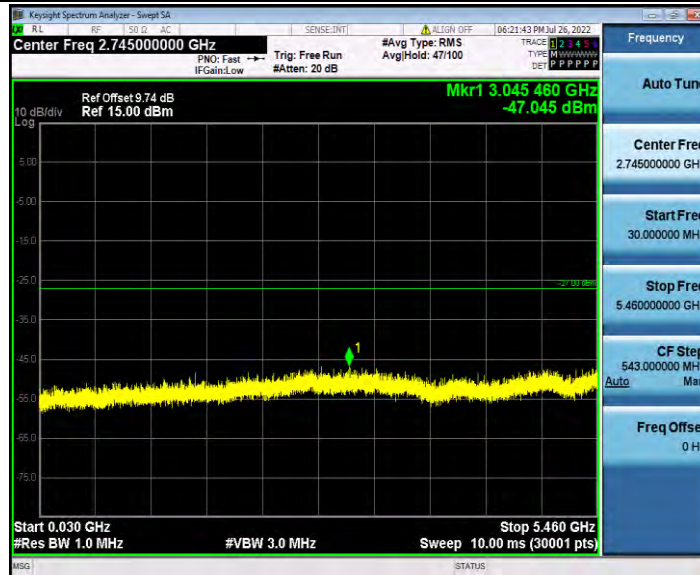
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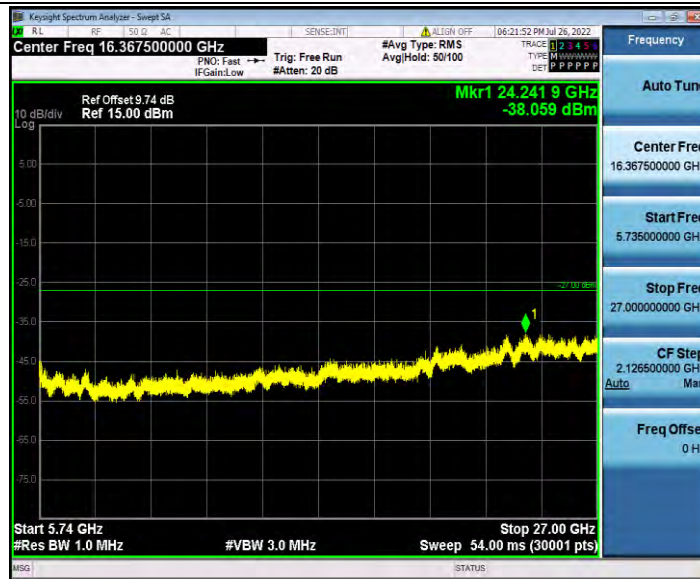
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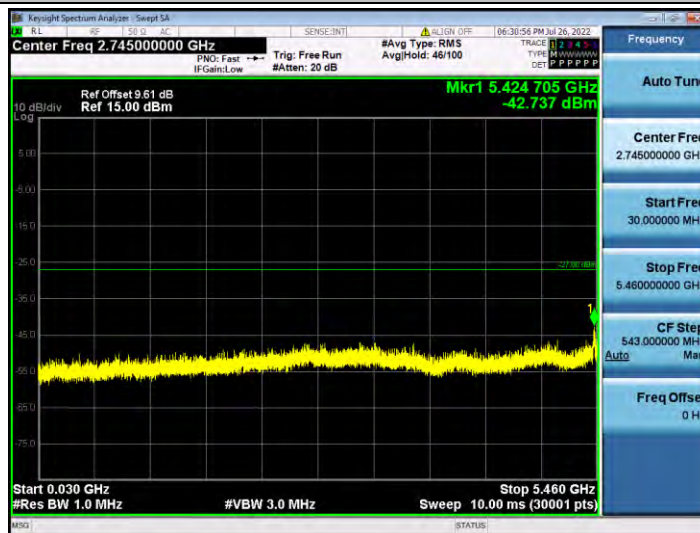
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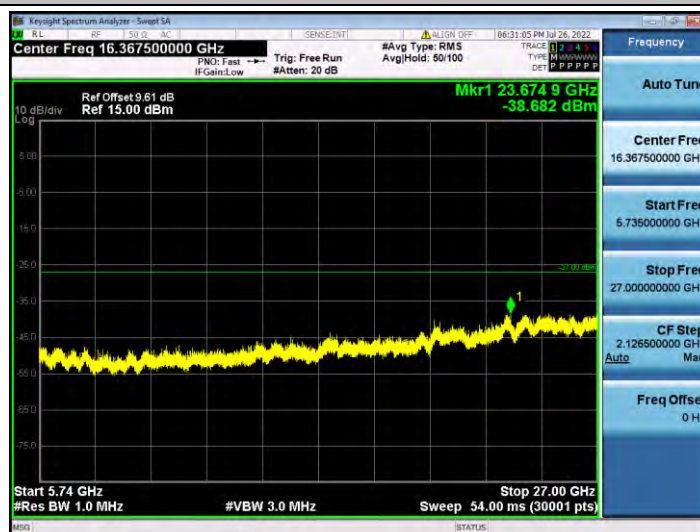
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11AC20SISO_Ant1_5500_30~5460



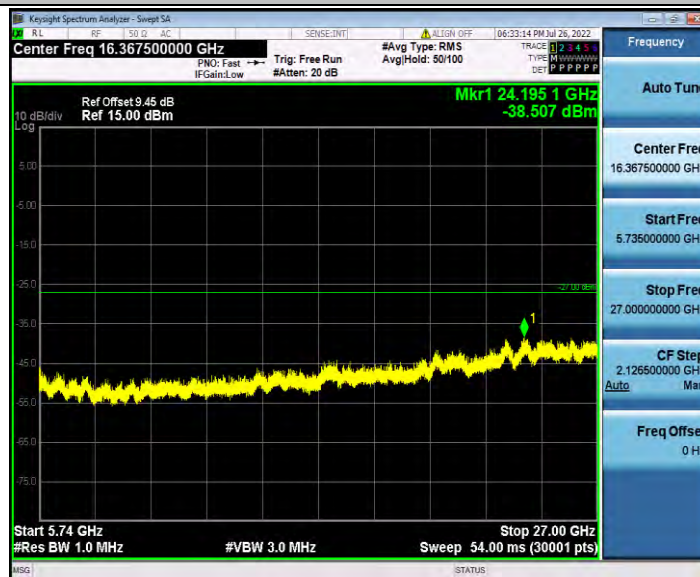
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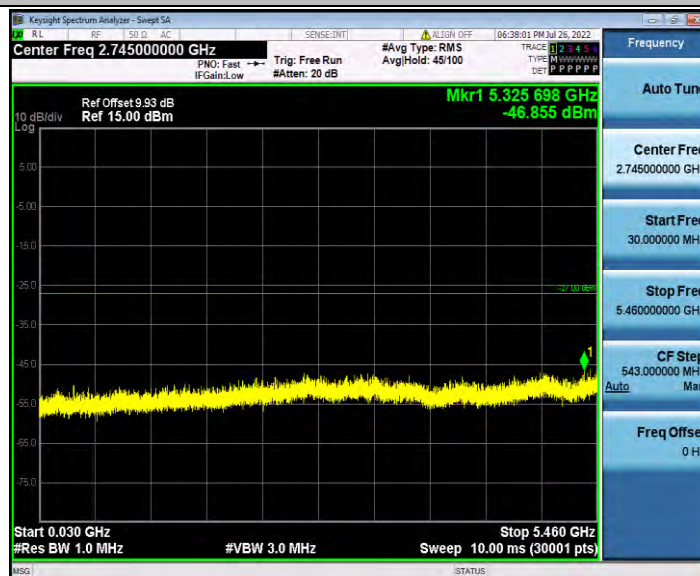
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11AC20SISO_Ant1_5600_5735~40000



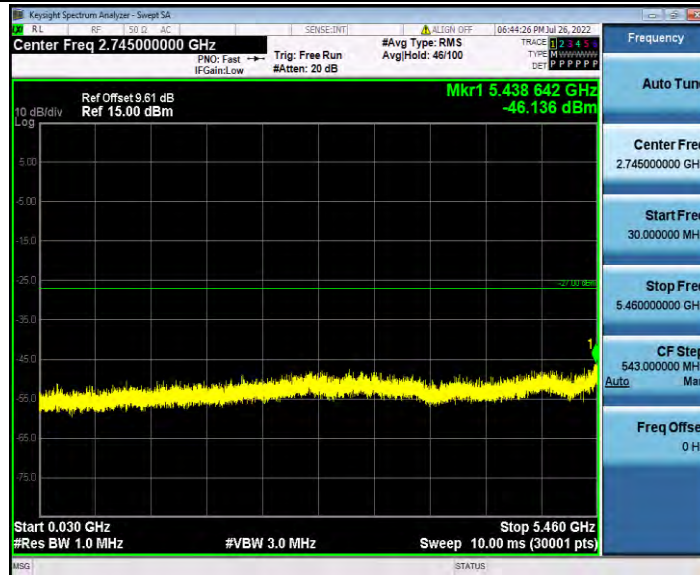
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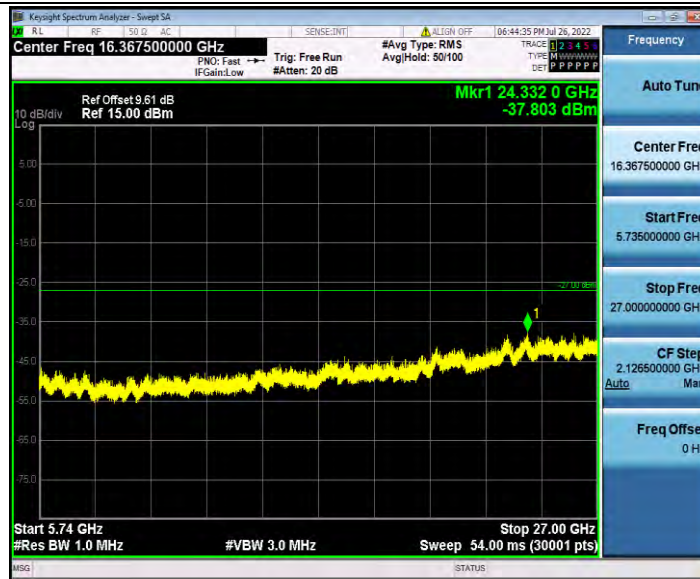
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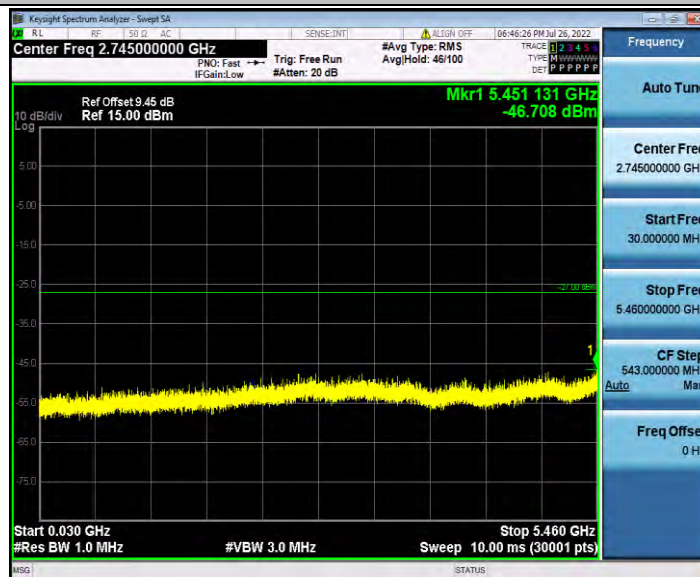
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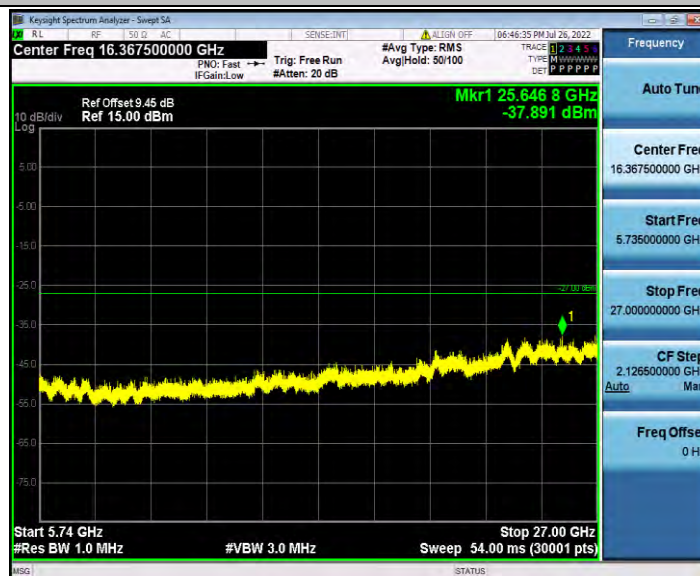
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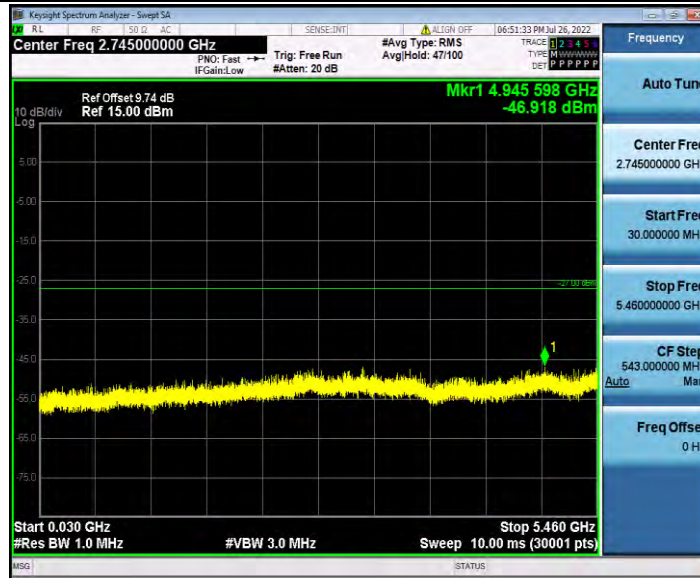
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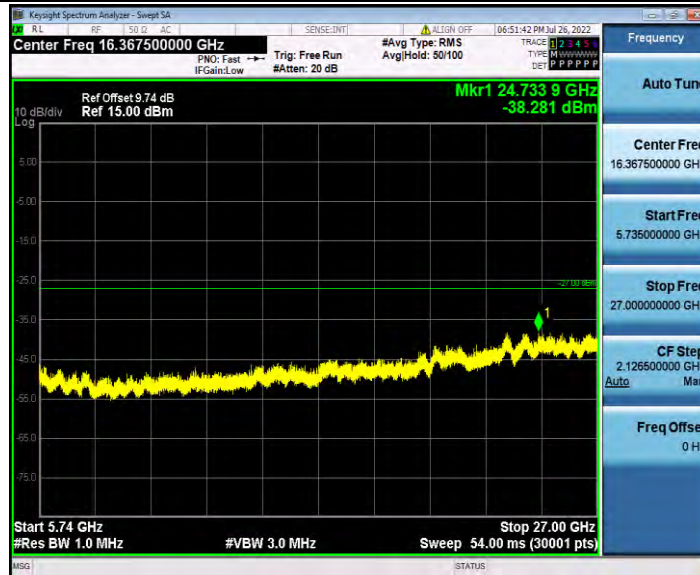
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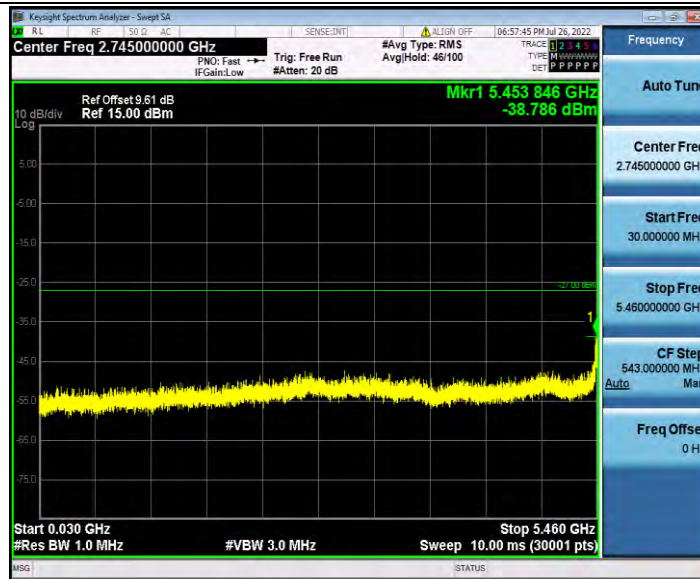
11AC40SISO_Ant1_5670_30~5460



11AC40SISO_Ant1_5670_5735~40000



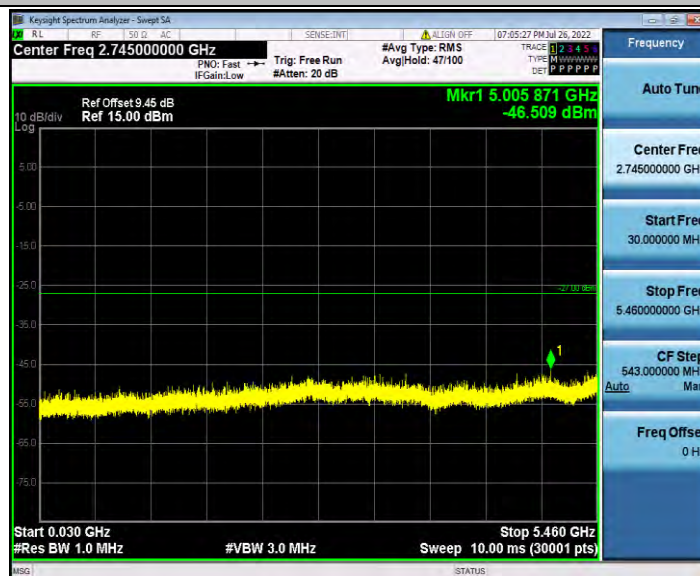
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11AC80SISO_Ant1_5530_5735~40000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~40000

