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Application No.: GZCR2106020524AT

Page: 1 of 25

Appendix Test result

for GZCR210602052402

for dongle



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1 Appendix A: 20dB Emission Bandwidth

1.1 Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	3.700	2400.250	2403.950	---	PASS
		2439	3.280	2437.680	2440.960	---	PASS
		2479	3.640	2477.340	2480.980	---	PASS



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1.2 Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2439



2.4G_Ant1_2479



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2 Appendix B: Maximum conducted output power

2.1 Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2402	-11.12	<=20.97	PASS
		2439	-11.23	<=20.97	PASS
		2479	-11.01	<=20.97	PASS



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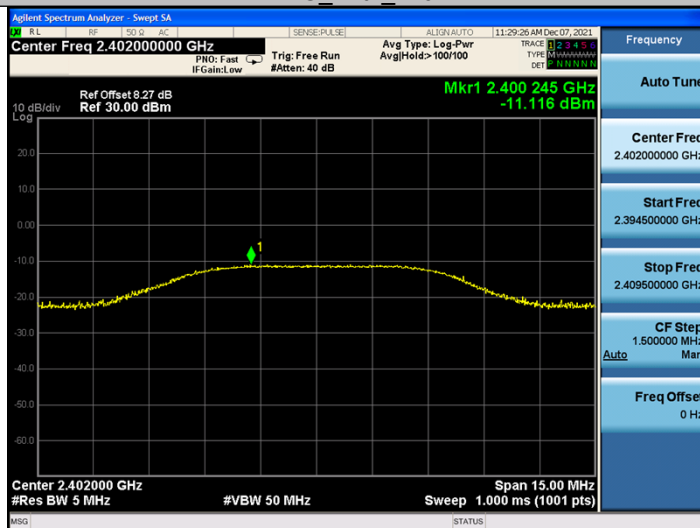
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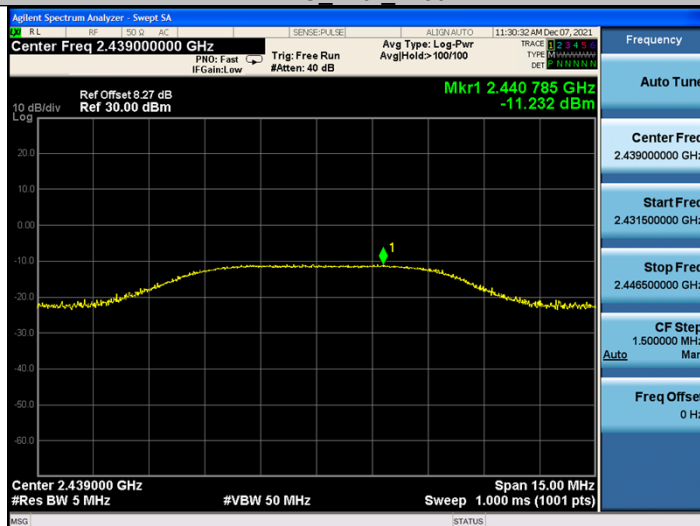
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2.2 Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2439

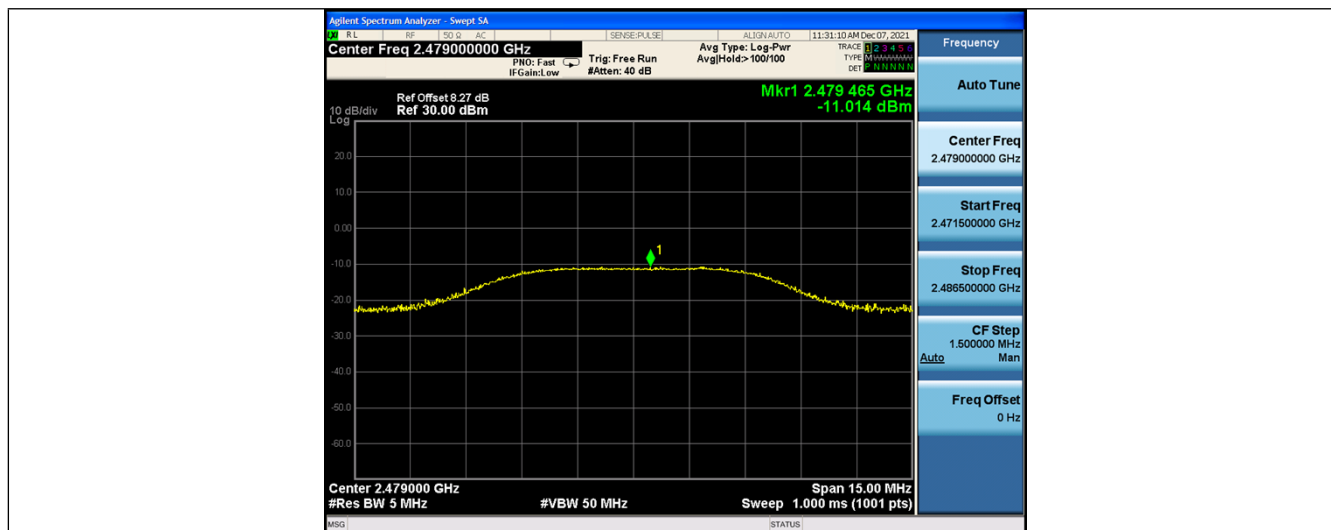


2.4G_Ant1_2479



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3 Appendix C: Carrier frequency separation

3.1 Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop_2402	5.00	>=2.467	PASS
		Hop_2439	4.98	>=2.187	PASS
		Hop_2479	5.98	>=2.427	PASS



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3.2 Test Graphs

2.4G_Ant1_Hop_2402



2.4G_Ant1_Hop_2439



2.4G_Ant1_Hop_2479



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4 Appendix D: Time of occupancy

4.1 Test Result

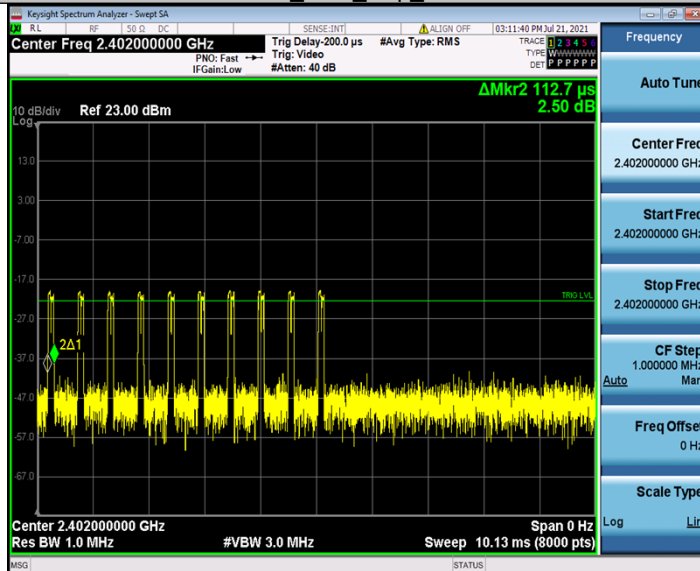
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4G	Ant1	Hop_2402	1.127	70	0.08	<=0.4	PASS
		Hop_2441	1.083	70	0.08	<=0.4	PASS
		Hop_2480	1.096	70	0.08	<=0.4	PASS



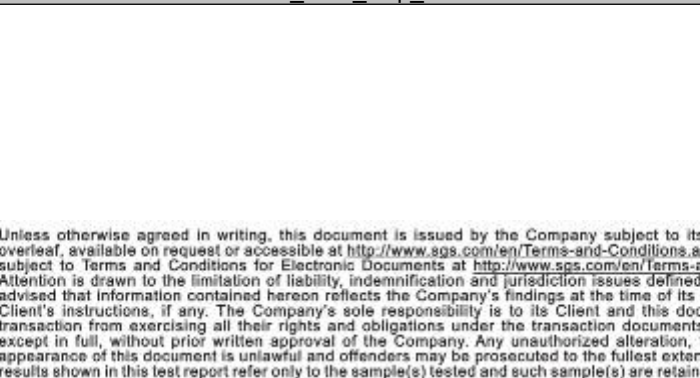
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4.2 Test Graphs

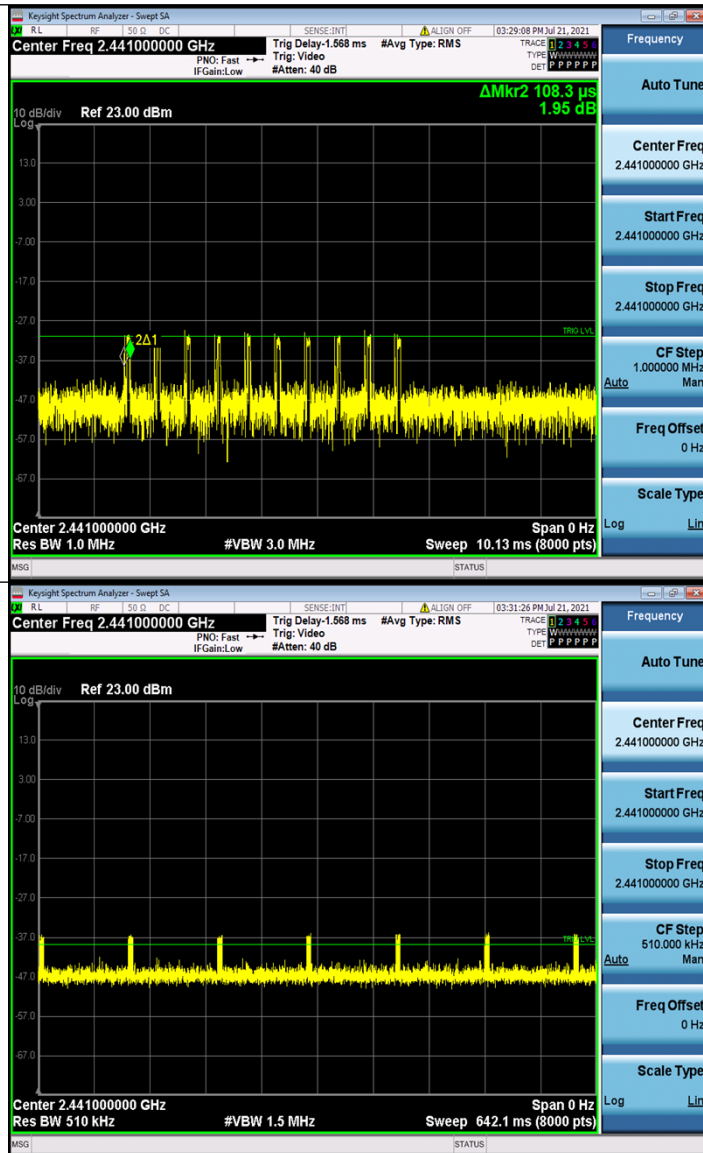
2.4G_Ant1_Hop_2402



2.4G_Ant1_Hop_2441

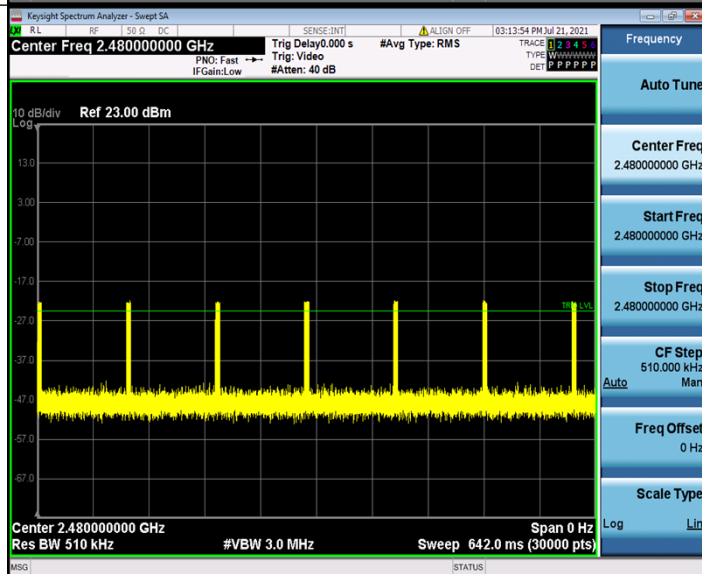
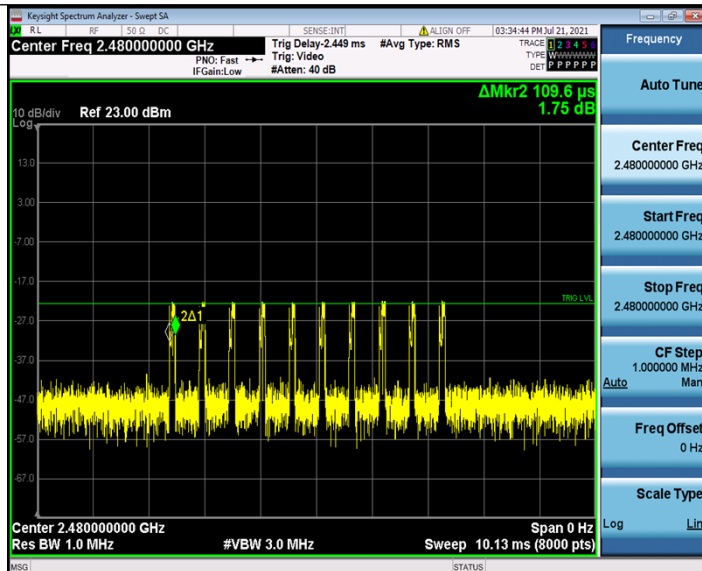


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2.4G_Ant1_Hop_2480





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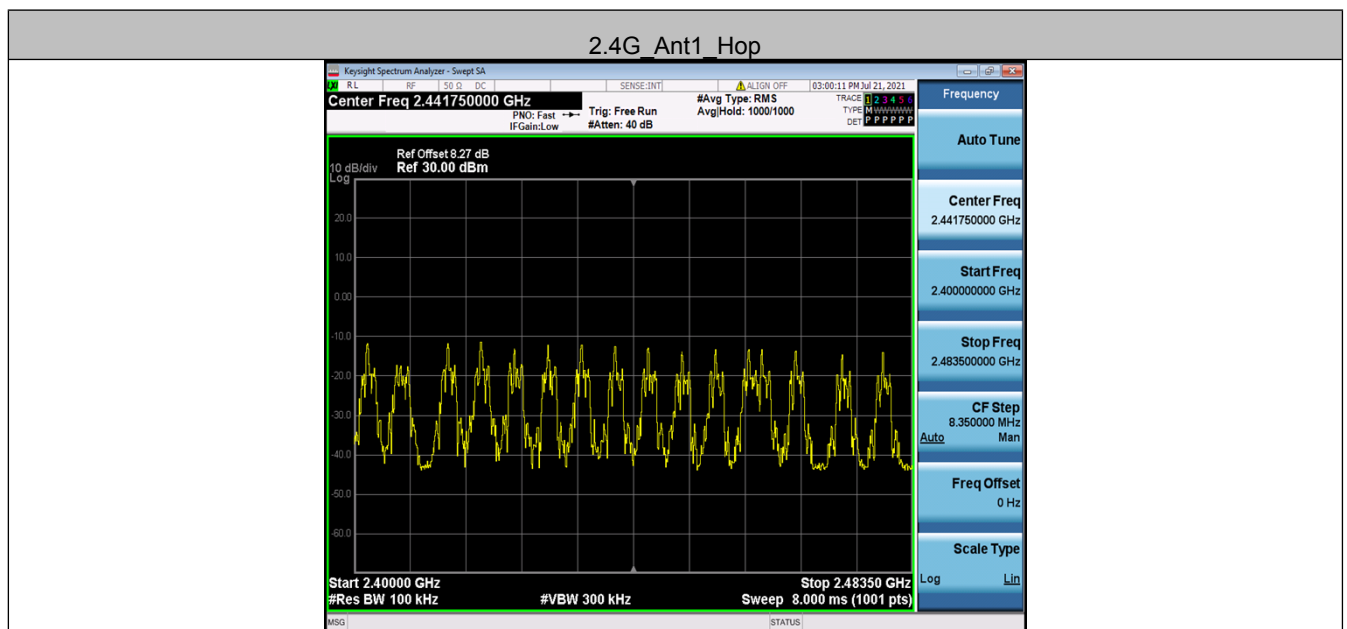
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5 Appendix E: Number of hopping channels

5.1 Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
2.4G	Ant1	Hop	16	>=15	PASS

5.2 Test Graphs



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6 Appendix F: Band edge measurements

6.1 Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-11.80	-35.54	<=-31.8	PASS
		High	2479	-13.81	-50.29	<=-33.81	PASS
		Low	Hop_2402	-11.77	-49.81	<=-31.77	PASS
		High	Hop_2479	-13.85	-50.29	<=-33.85	PASS

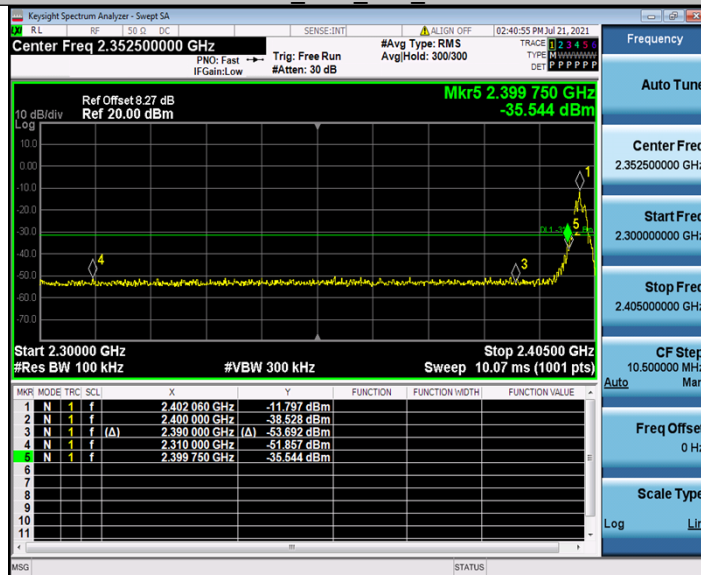


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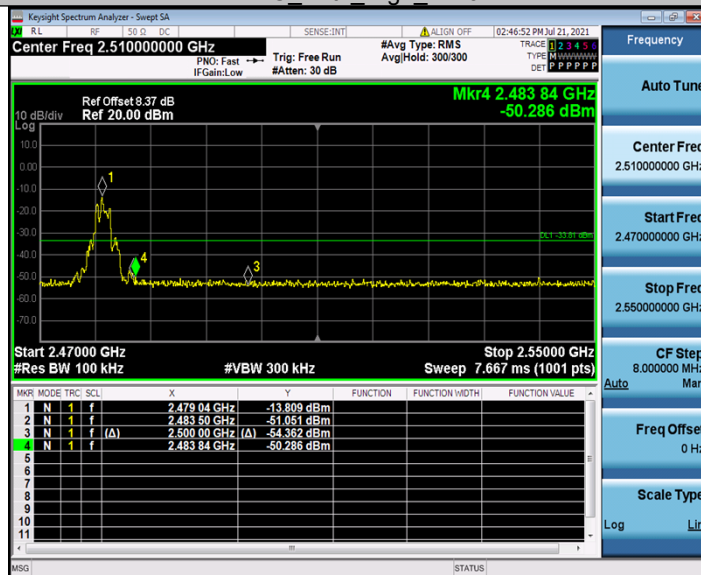
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6.2 Test Graphs

2.4G_Ant1_Low_2402



2.4G_Ant1_High_2479

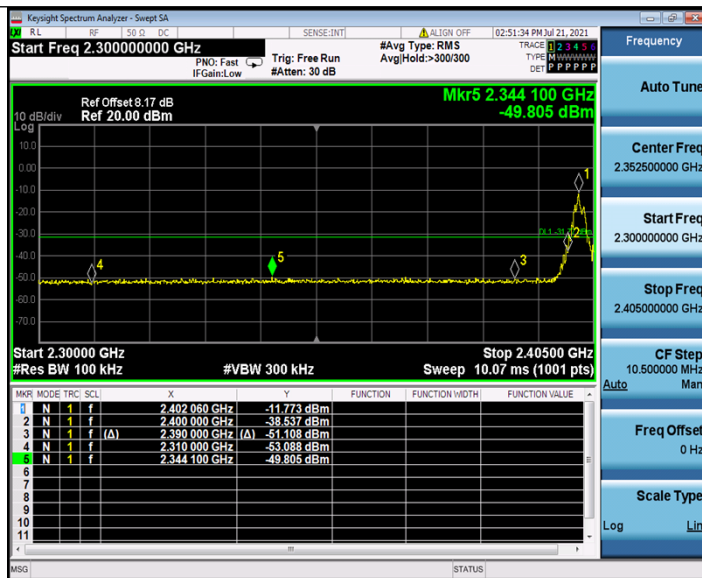


2.4G_Ant1_Low_Hop_2402



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2.4G Ant1 High Hop 2479



7 Appendix F: Conducted Spurious Emission

7.1 Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	Reference	-11.61	-11.61	---	PASS
			30~1000	30~1000	-56.851	<=-32.328	PASS
			1000~26500	1000~26500	-42.581	<=-32.328	PASS
		2439	Reference	-13.00	-13.00	---	PASS
			30~1000	30~1000	-57.025	<=-32.568	PASS
			1000~26500	1000~26500	-46.772	<=-32.568	PASS
		2479	Reference	-14.03	-14.03	---	PASS
			30~1000	30~1000	-57.259	<=-33.872	PASS
			1000~26500	1000~26500	-44.649	<=-33.872	PASS



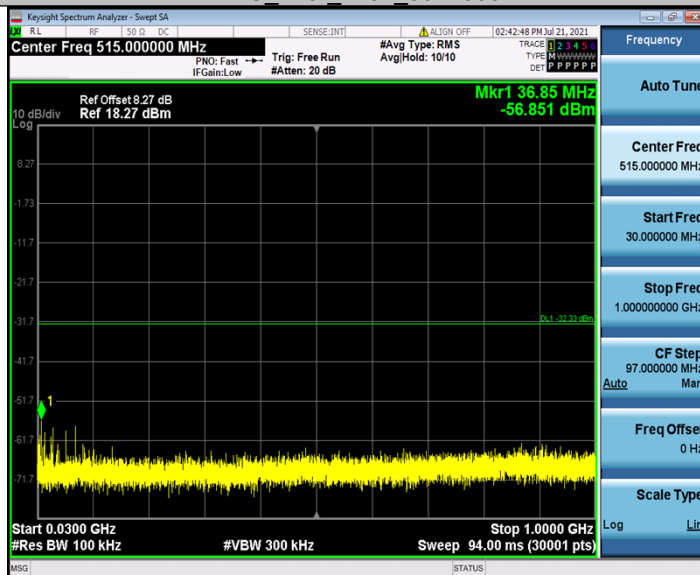
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7.2 Test Graphs

2.4G_Ant1_2402_0~Reference



2.4G_Ant1_2402_30~1000

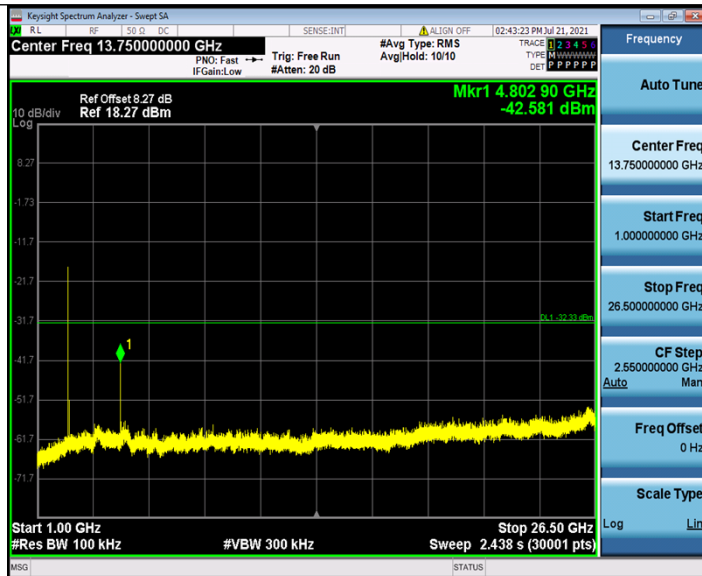


2.4G_Ant1_2402_1000~26500



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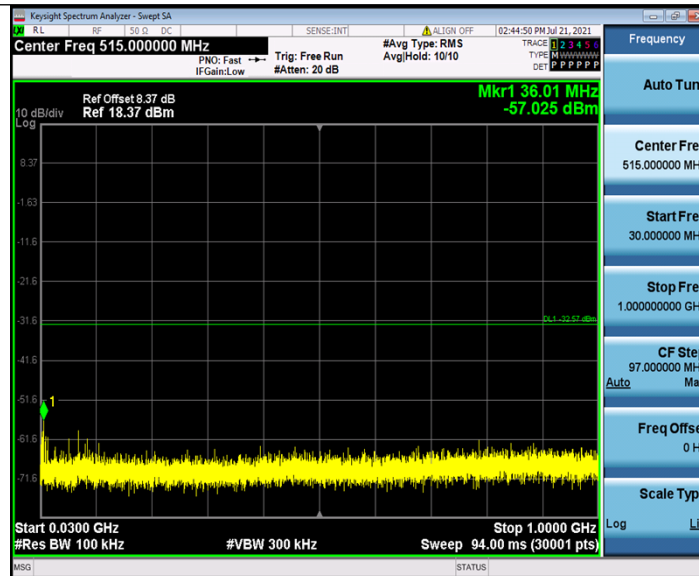


2.4G_Ant1_2439_0~Reference

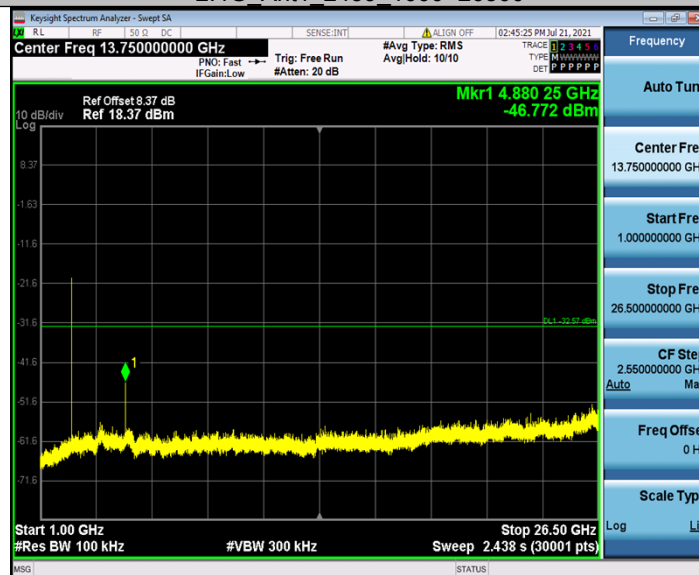


2.4G_Ant1_2439_30~1000





2.4G Ant1 2439 1000~26500



2.4G Ant1 2479 0~Reference



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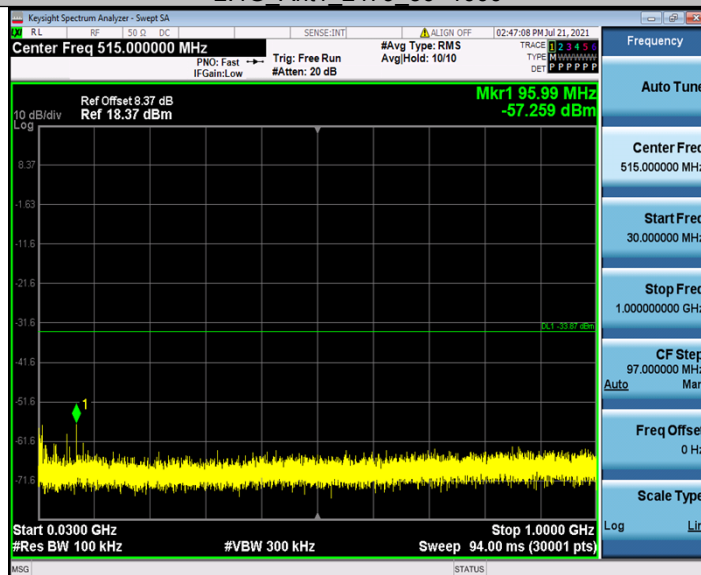
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2.4G_Ant1_2479_30~1000



2.4G_Ant1_2479_1000~26500



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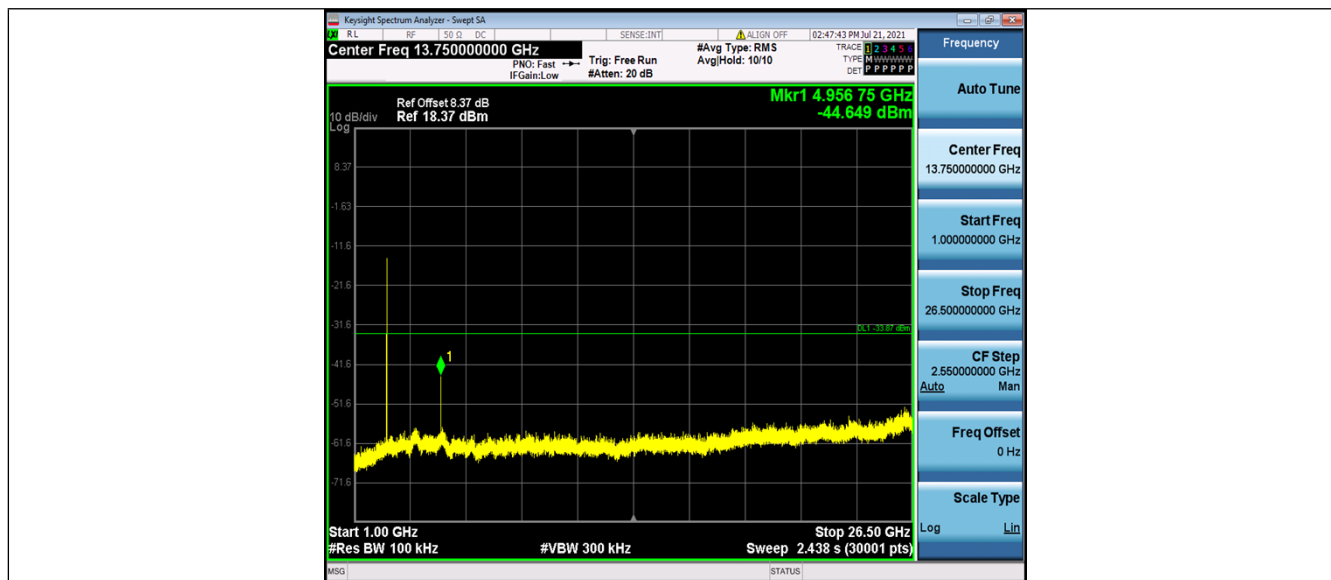
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--End of Appendix Test Result--



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