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Application No.: GZEM2012017560CR

Page: 1 of 70

Appendix BT Classic Test result of Right Earbud for GZEM2012017560CR



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Guangzhou Branch, Testing Center EEC Laboratory

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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
DH5	Ant1	2402	1.032	2401.487	2402.519	---	PASS
		2441	1.020	2440.478	2441.498	---	PASS
		2480	1.041	2479.478	2480.519	---	PASS
2DH5	Ant1	2402	1.206	2401.397	2402.603	---	PASS
		2441	1.317	2440.340	2441.657	---	PASS
		2480	1.200	2479.397	2480.597	---	PASS
3DH5	Ant1	2402	1.248	2401.361	2402.609	---	PASS
		2441	1.233	2440.370	2441.603	---	PASS
		2480	1.254	2479.358	2480.612	---	PASS



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1.2 Test Graphs



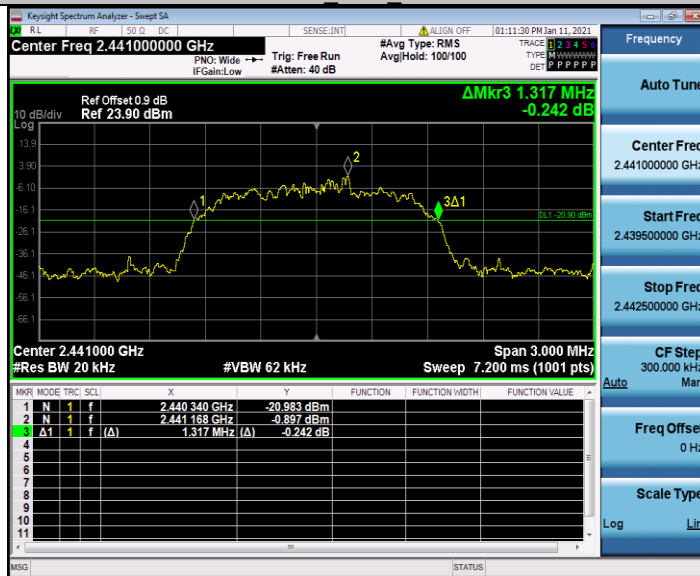
DH5 Ant1_2480



2DH5 Ant1_2402



2DH5 Ant1 2441



2DH5 Ant1 2480



3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



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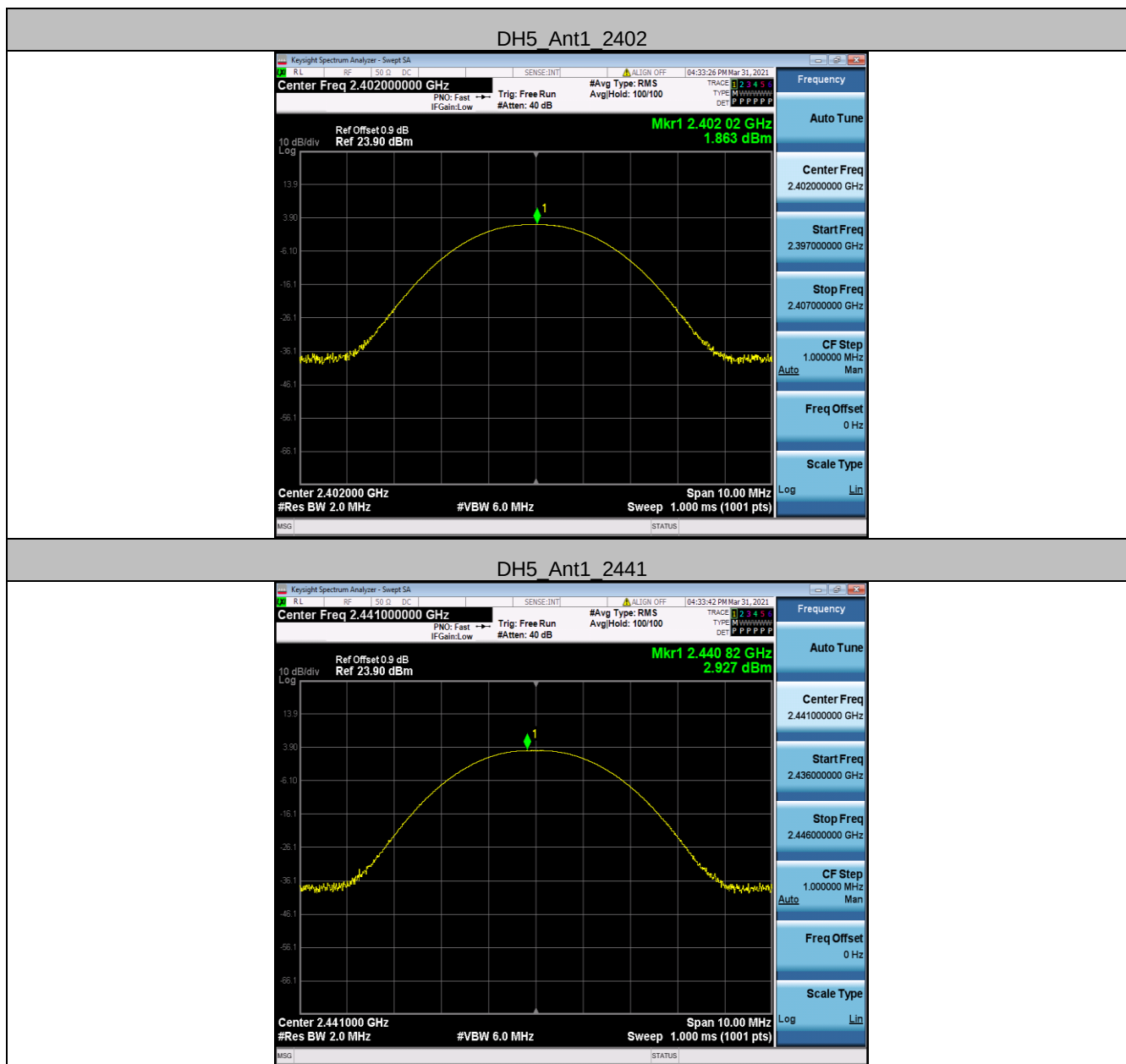
2 Appendix B: Maximum conducted output power

2.1 Test Result

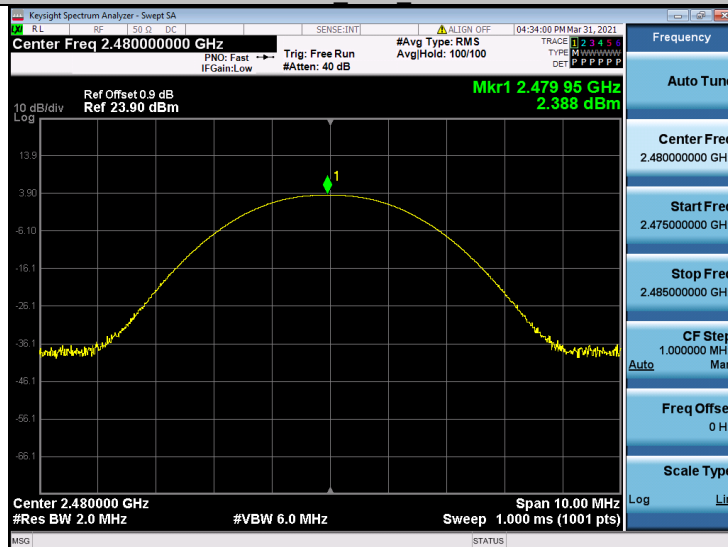
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.86	<=20.97	PASS
		2441	2.93	<=20.97	PASS
		2480	2.39	<=20.97	PASS
2DH5	Ant1	2402	1.78	<=20.97	PASS
		2441	2.86	<=20.97	PASS
		2480	2.12	<=20.97	PASS
3DH5	Ant1	2402	1.8	<=20.97	PASS
		2441	2.8	<=20.97	PASS
		2480	2.23	<=20.97	PASS



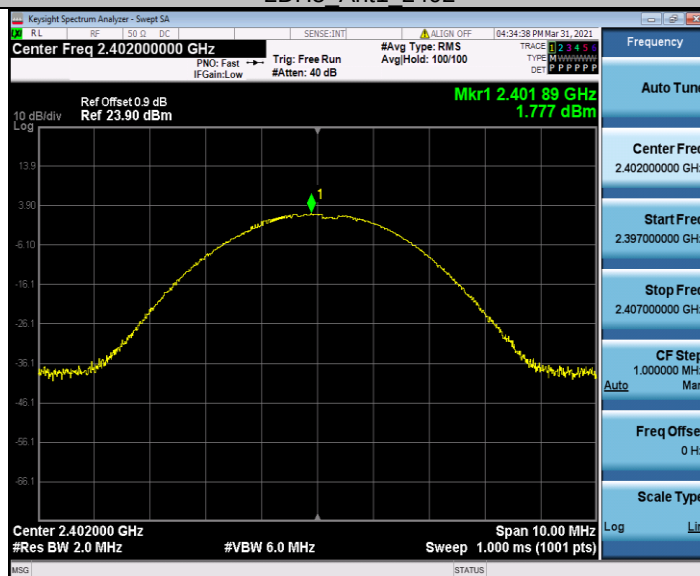
2.2 Test Graphs



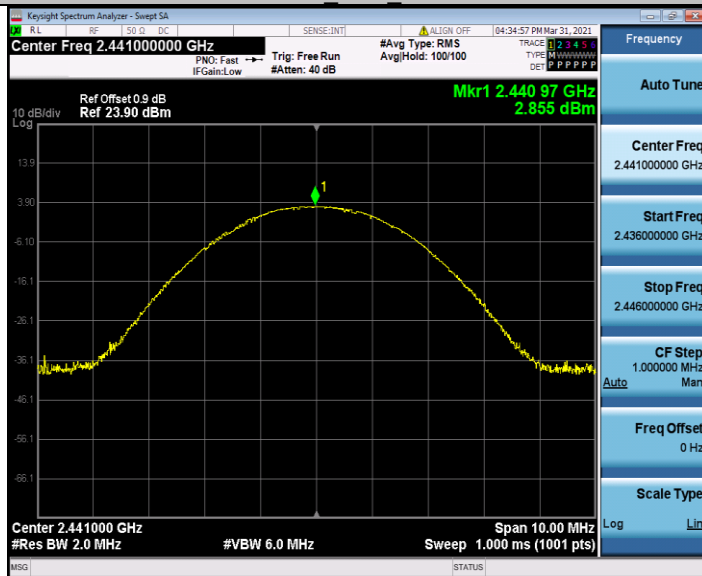
DH5 Ant1 2480



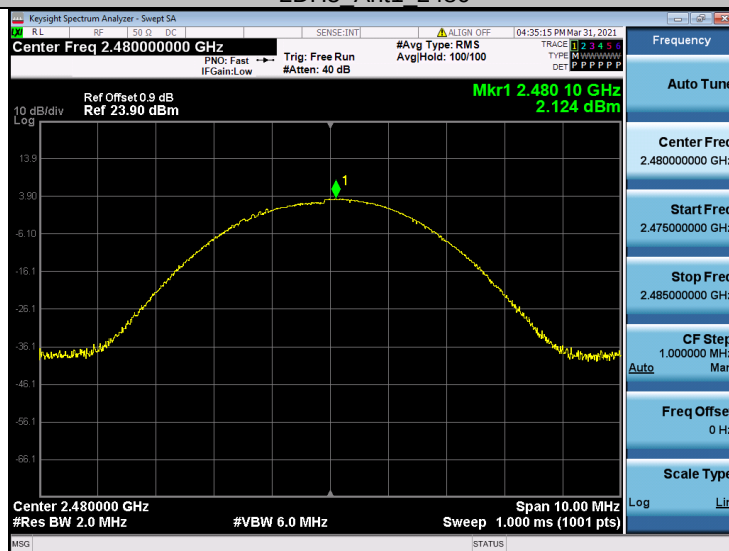
2DH5 Ant1 2402



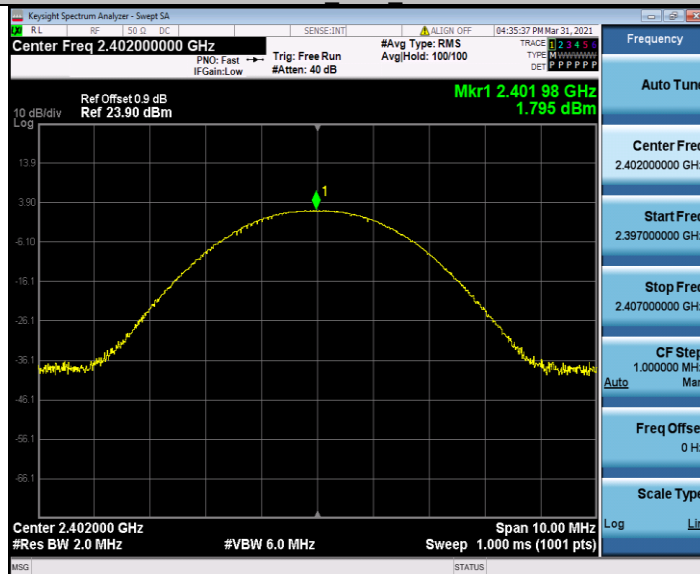
2DH5 Ant1 2441



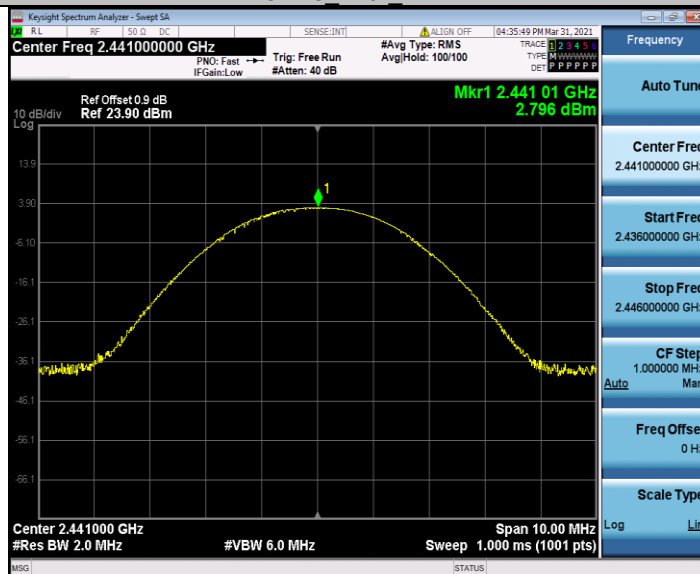
2DH5 Ant1 2480

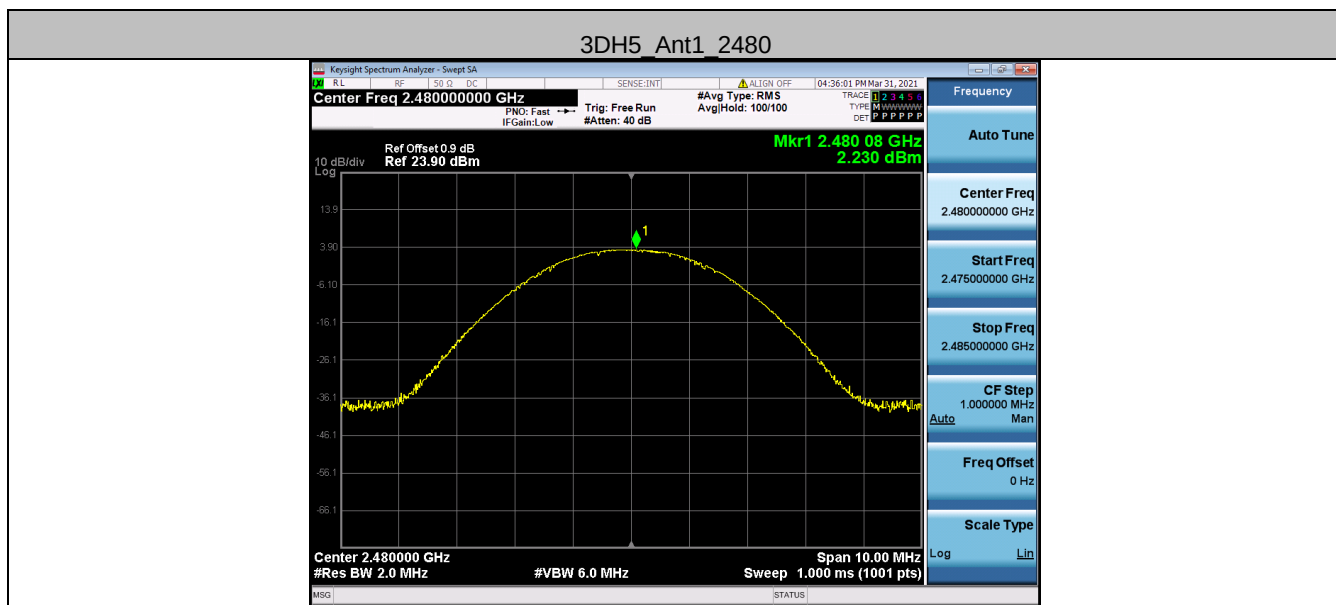


3DH5 Ant1 2402



3DH5 Ant1 2441





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3 Appendix C: Carrier frequency separation

3.1 Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	0.996	≥ 0.832	PASS
		Hop_2441	0.996	≥ 0.878	PASS
		Hop_2480	0.999	≥ 0.836	PASS



3.2 Test Graphs



DH5 Ant1 Hop 2480



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4 Appendix D: Time of occupancy

4.1 Test Result

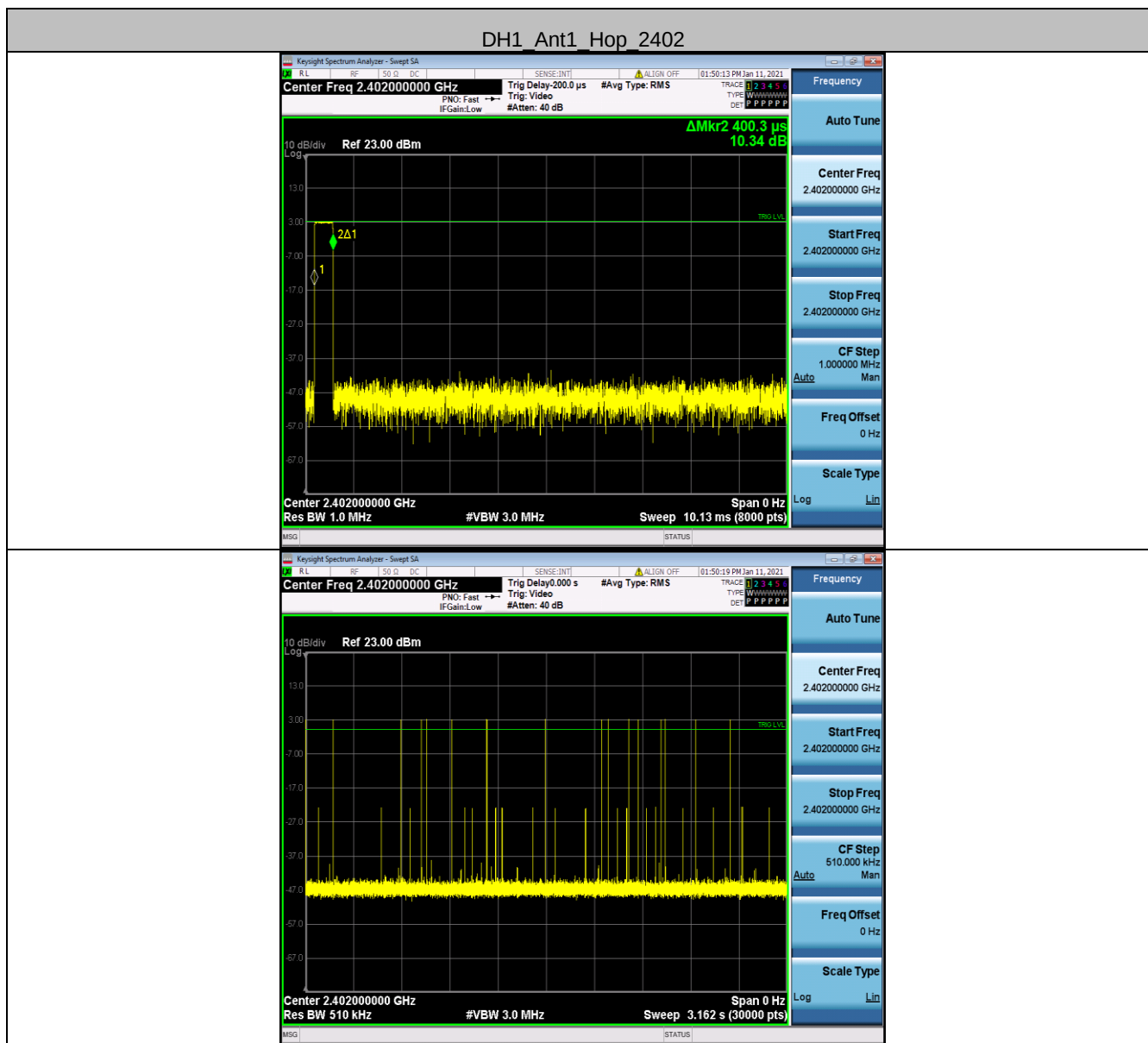
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop_2402	0.40	170	0.068	<=0.4	PASS
		Hop_2441	0.40	140	0.056	<=0.4	PASS
		Hop_2480	0.40	190	0.076	<=0.4	PASS
DH3	Ant1	Hop_2402	1.66	120	0.199	<=0.4	PASS
		Hop_2441	1.66	130	0.215	<=0.4	PASS
		Hop_2480	1.66	100	0.166	<=0.4	PASS
DH5	Ant1	Hop_2402	2.90	130	0.377	<=0.4	PASS
		Hop_2441	2.90	100	0.29	<=0.4	PASS
		Hop_2480	2.90	100	0.29	<=0.4	PASS
2DH1	Ant1	Hop_2402	0.41	150	0.061	<=0.4	PASS
		Hop_2441	0.41	170	0.07	<=0.4	PASS
		Hop_2480	0.41	170	0.07	<=0.4	PASS
2DH3	Ant1	Hop_2402	1.66	120	0.199	<=0.4	PASS
		Hop_2441	1.66	100	0.166	<=0.4	PASS
		Hop_2480	1.66	100	0.166	<=0.4	PASS
2DH5	Ant1	Hop_2402	2.91	100	0.291	<=0.4	PASS
		Hop_2441	2.91	120	0.349	<=0.4	PASS
		Hop_2480	2.91	100	0.291	<=0.4	PASS
3DH1	Ant1	Hop_2402	0.41	140	0.057	<=0.4	PASS
		Hop_2441	0.41	150	0.061	<=0.4	PASS
		Hop_2480	0.41	160	0.065	<=0.4	PASS
3DH3	Ant1	Hop_2402	1.66	120	0.199	<=0.4	PASS
		Hop_2441	1.66	90	0.149	<=0.4	PASS
		Hop_2480	1.66	150	0.249	<=0.4	PASS
3DH5	Ant1	Hop_2402	2.91	80	0.233	<=0.4	PASS
		Hop_2441	2.91	110	0.32	<=0.4	PASS
		Hop_2480	2.91	60	0.175	<=0.4	PASS



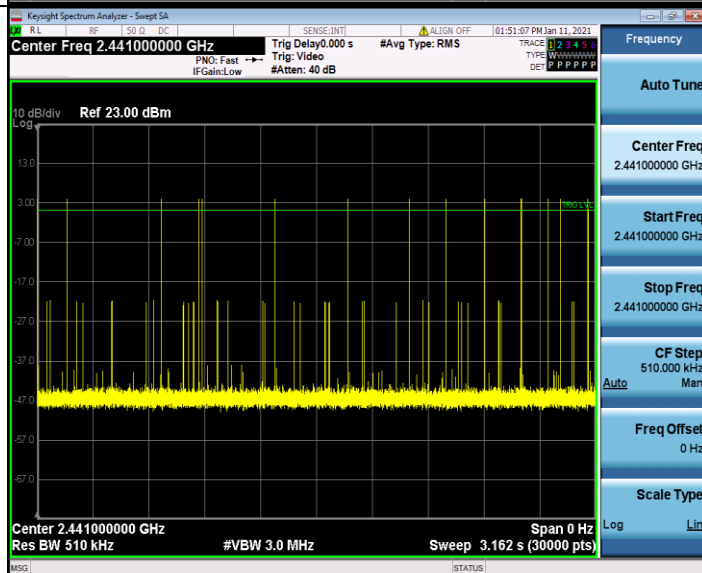
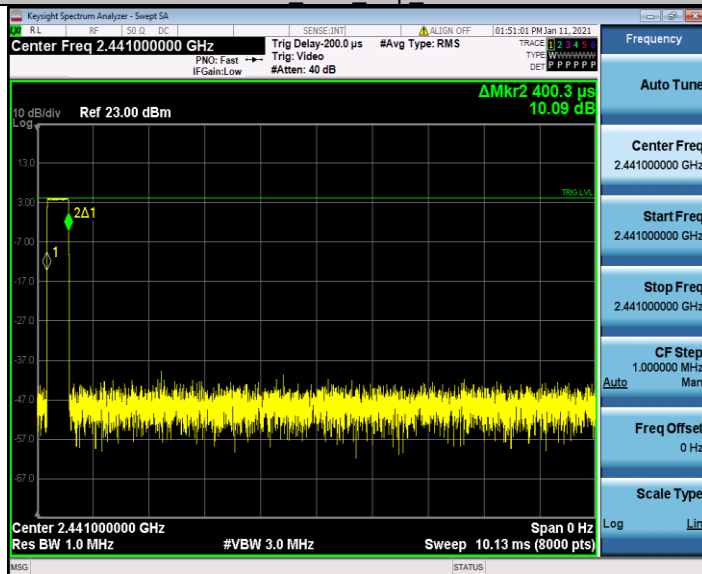
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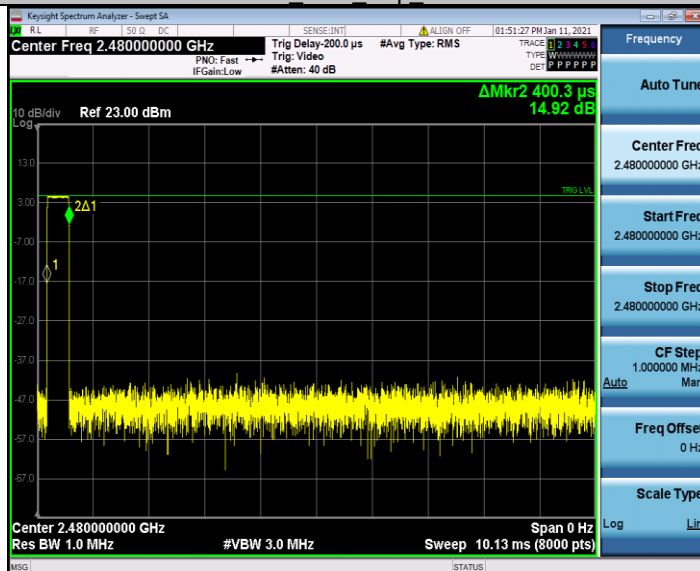
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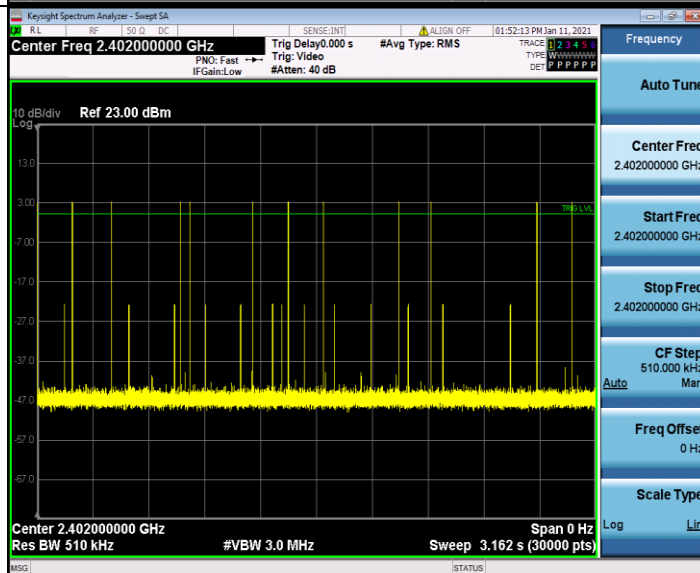
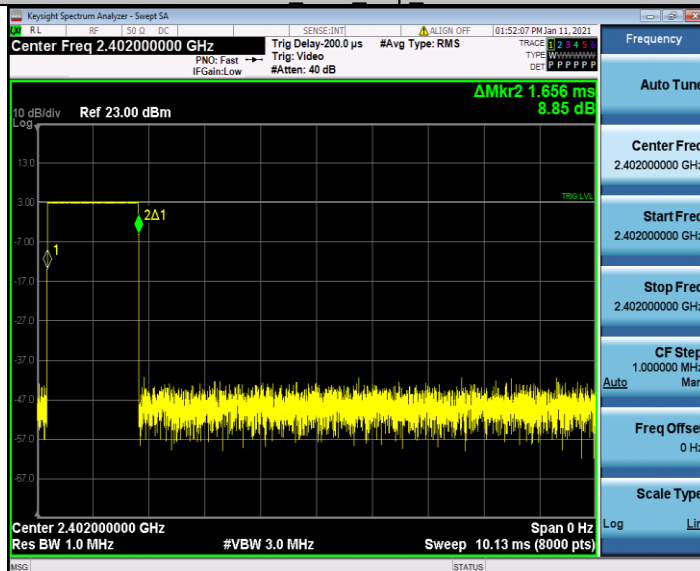
DH1 Ant1 Hop 2441



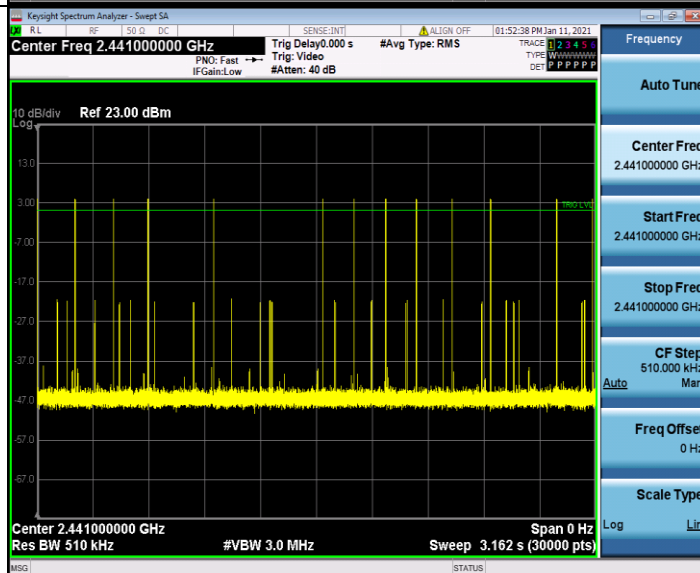
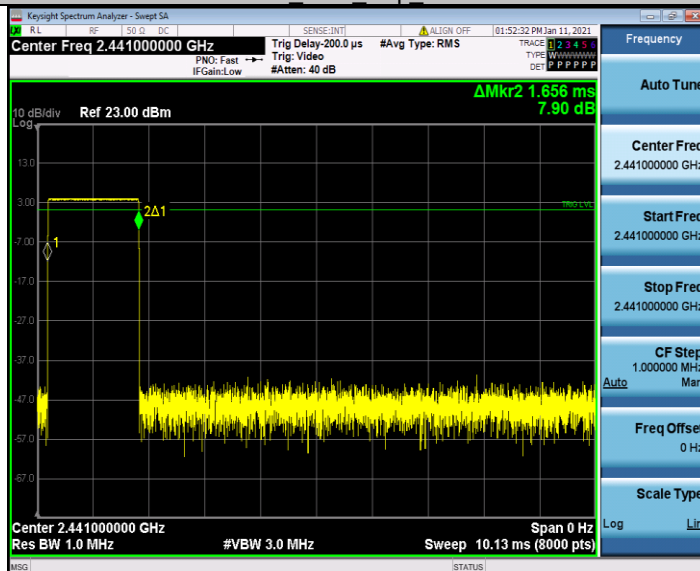
DH1 Ant1 Hop 2480



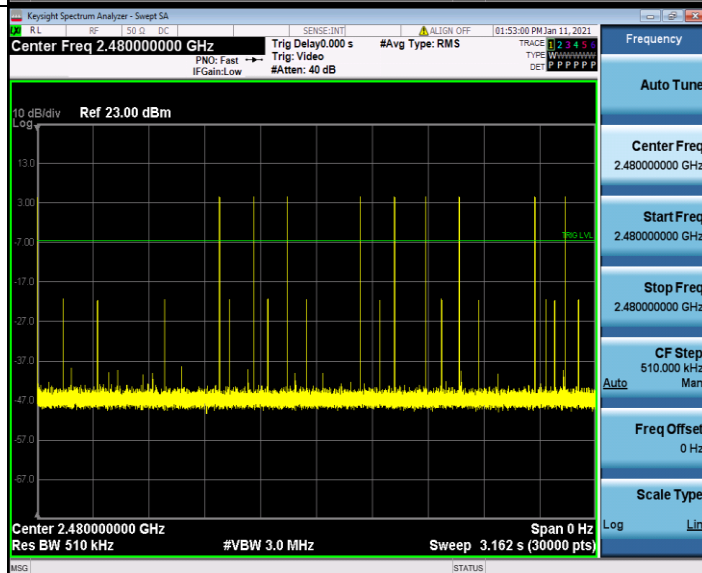
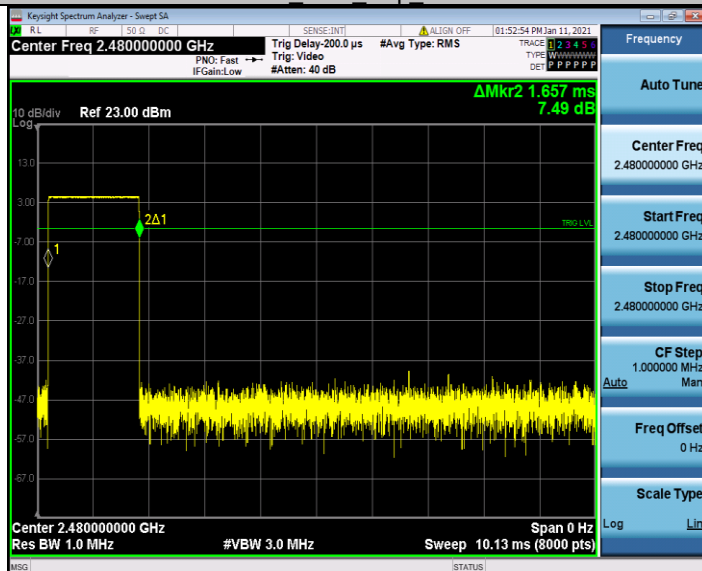
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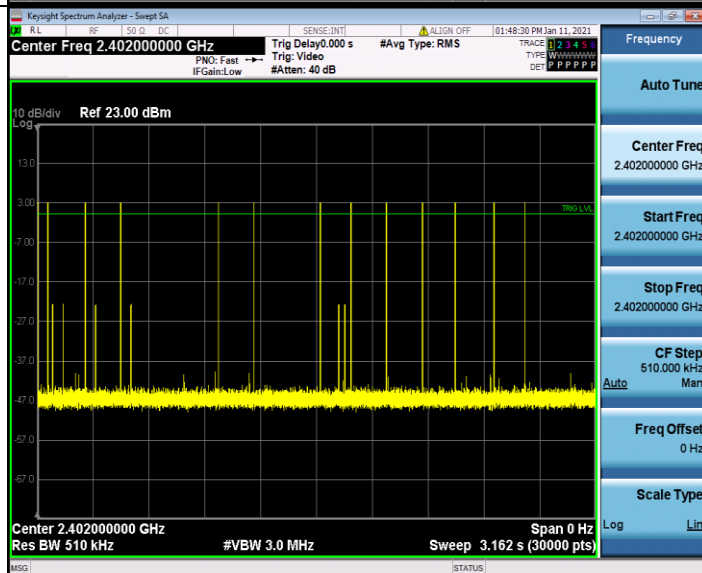
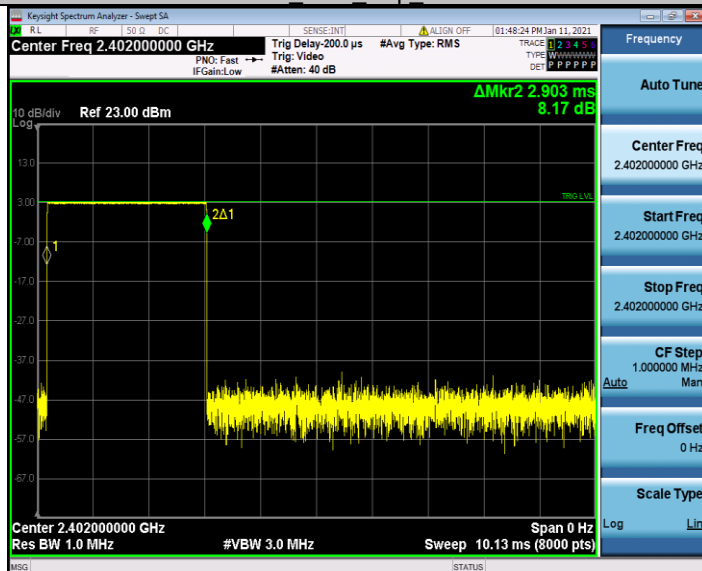
DH3 Ant1 Hop 2441



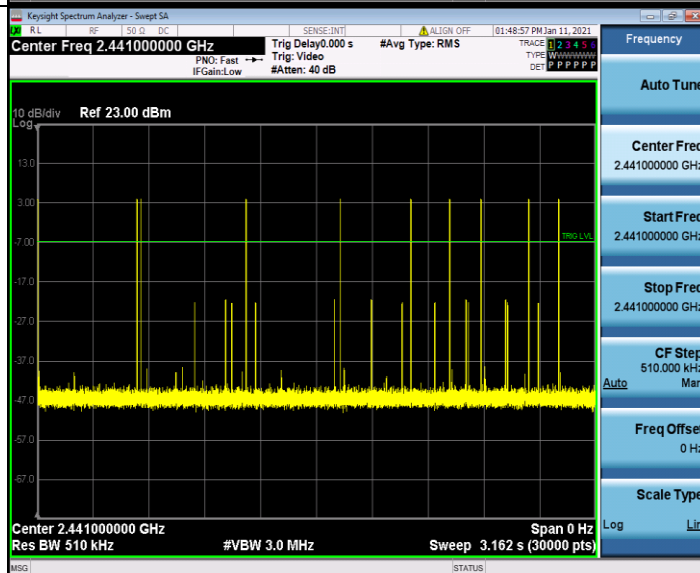
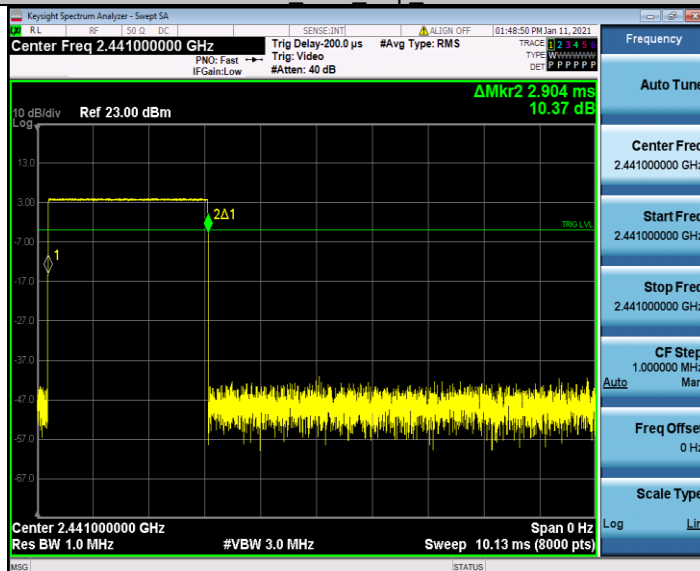
DH3 Ant1 Hop 2480



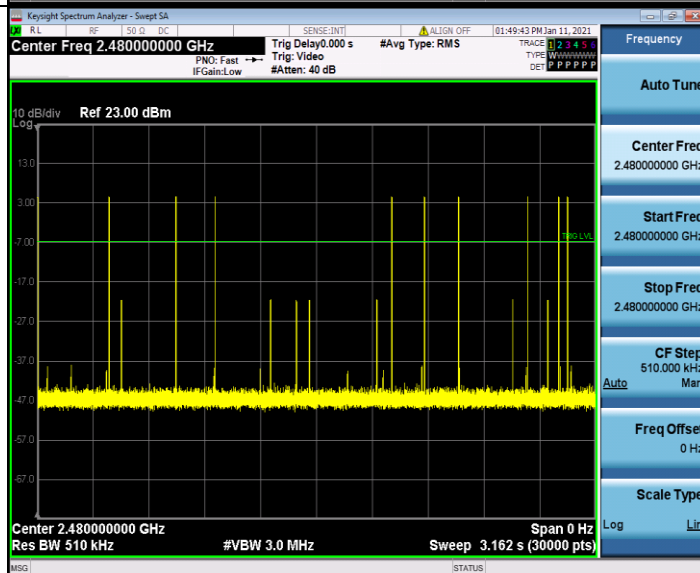
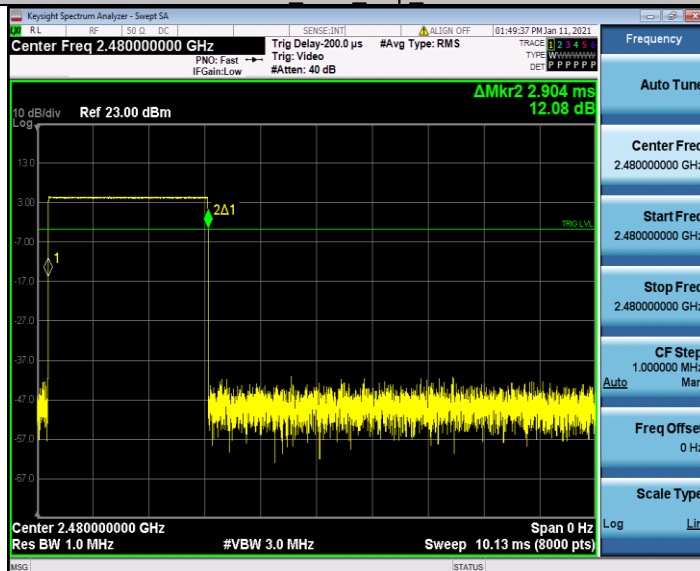
DH5 Ant1 Hop 2402



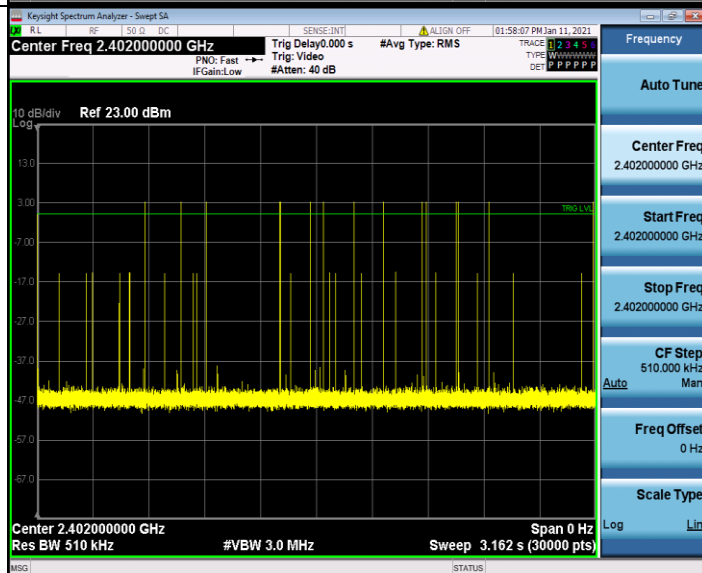
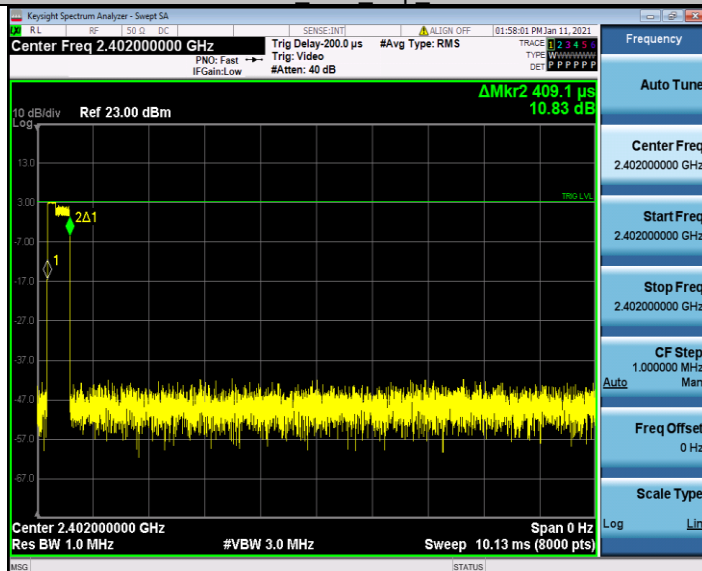
DH5 Ant1 Hop 2441



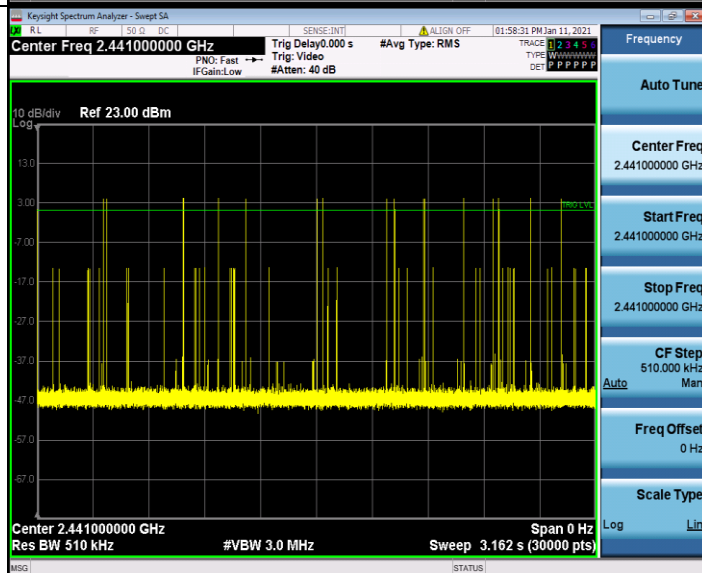
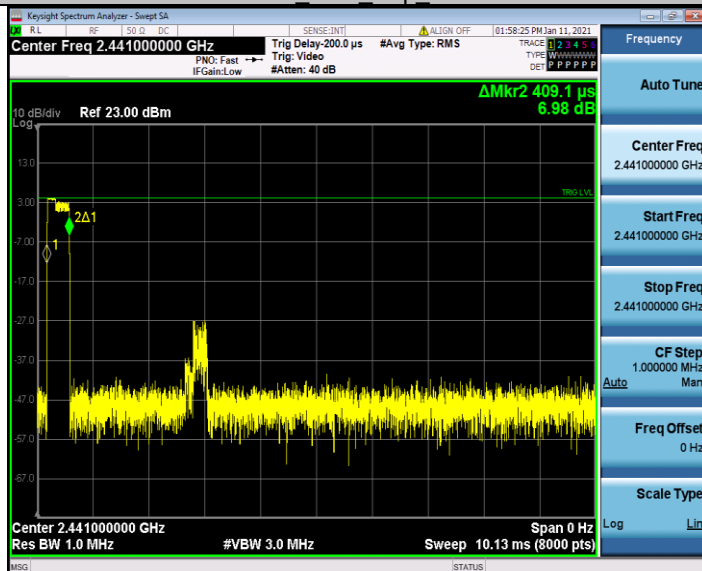
DH5 Ant1 Hop 2480



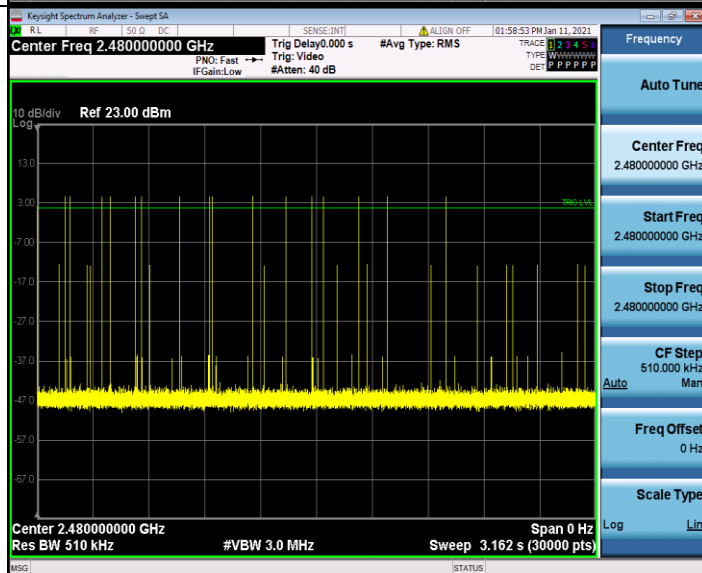
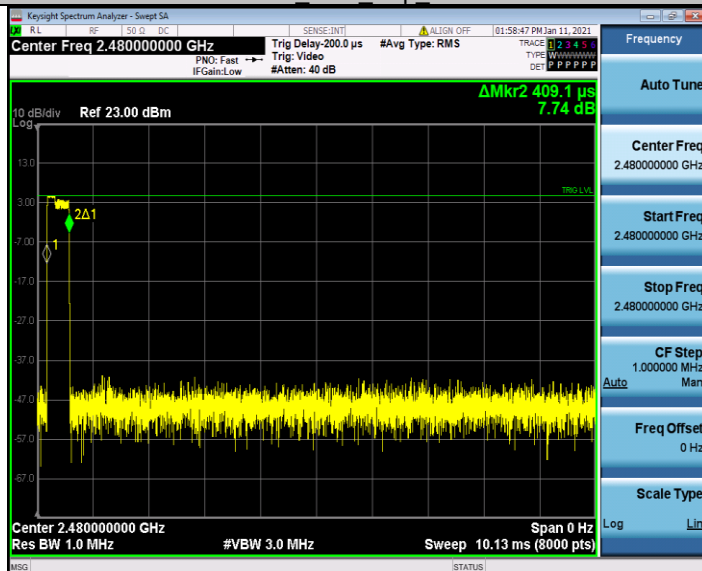
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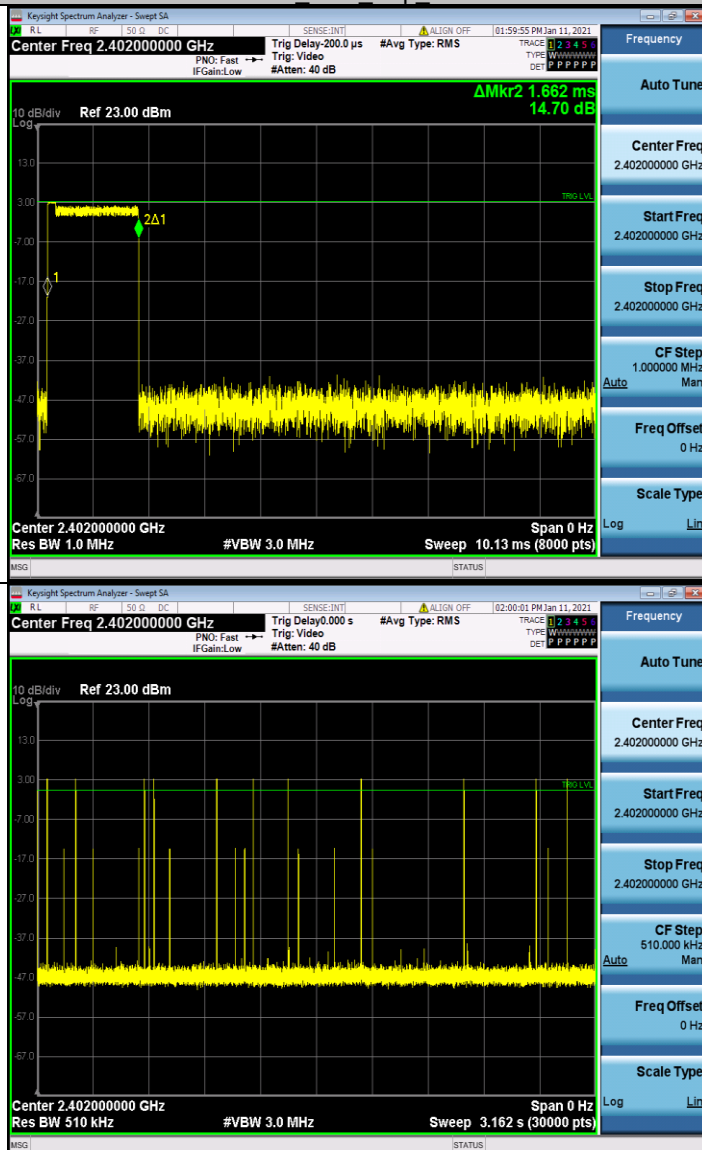
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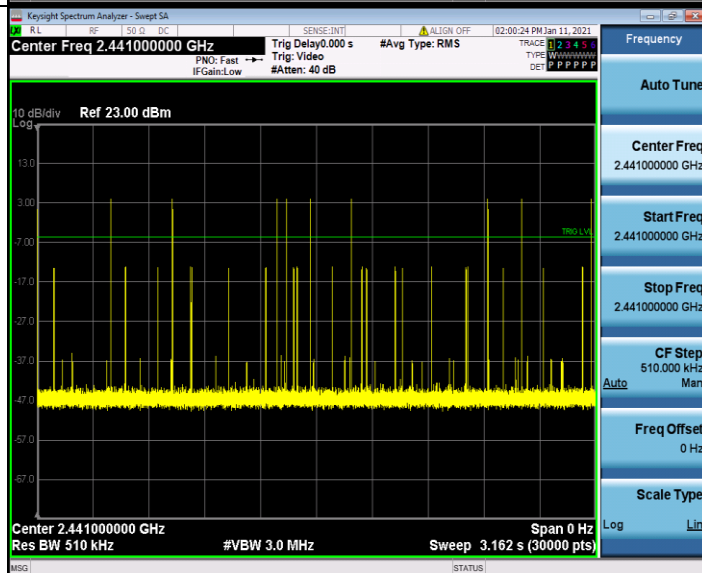
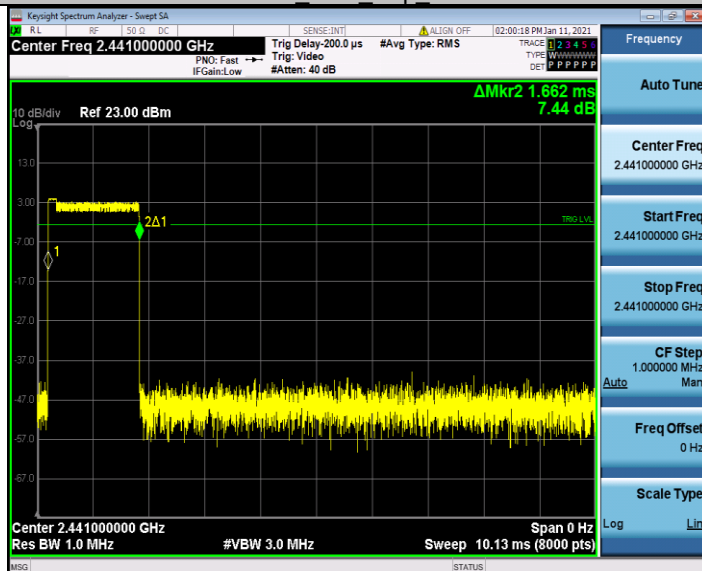
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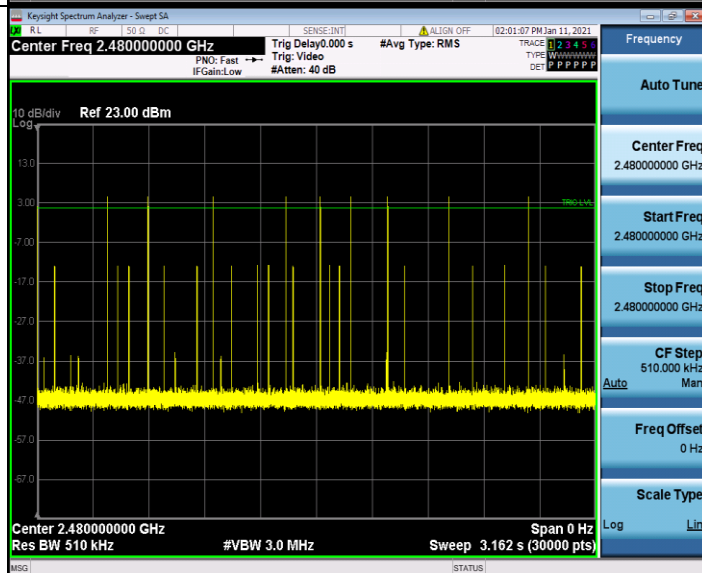
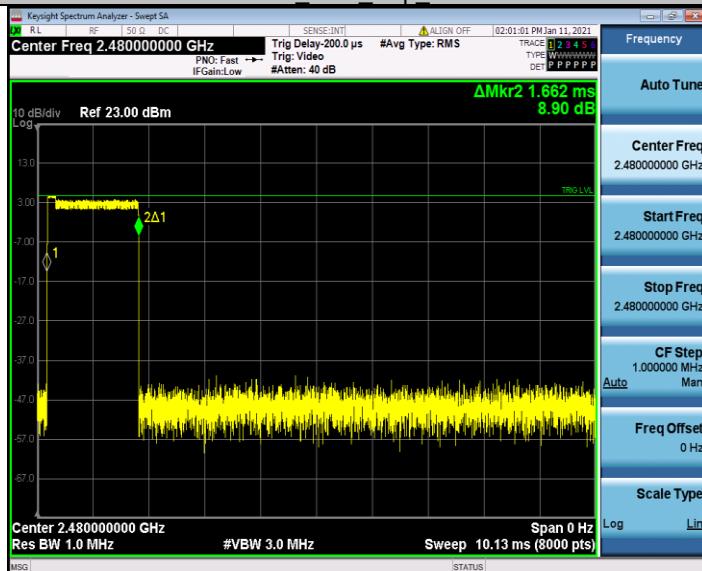
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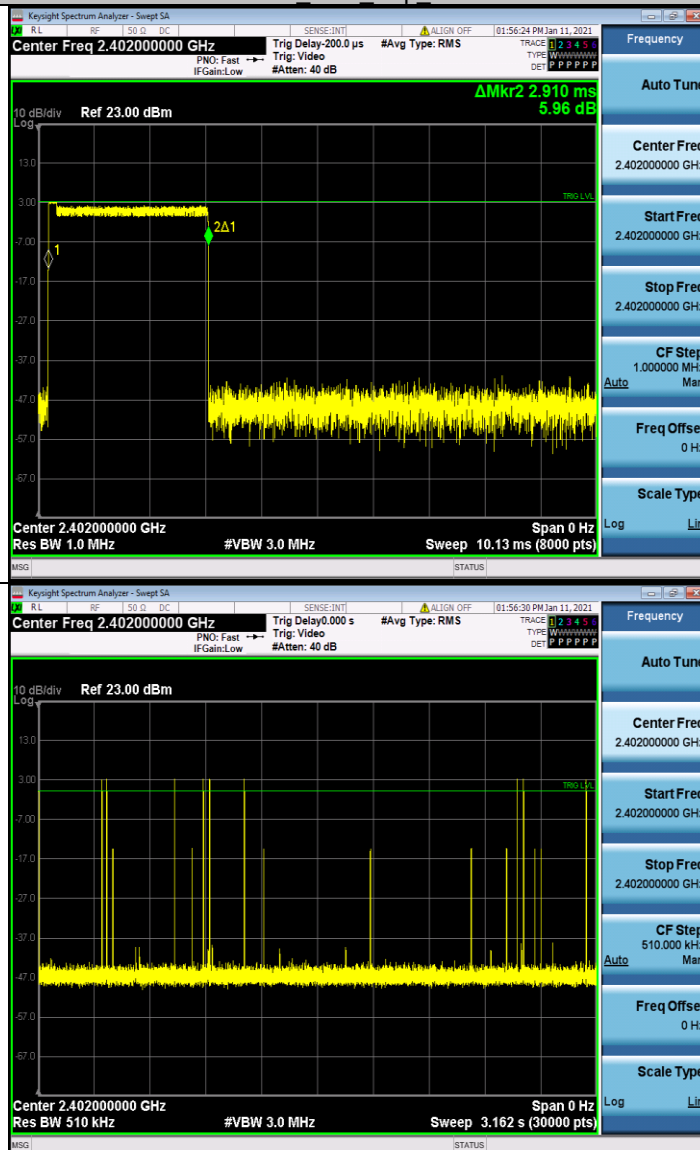
2DH3_Ant1_Hop_2441



2DH3_Ant1_Hop_2480



2DH5_Ant1_Hop_2402



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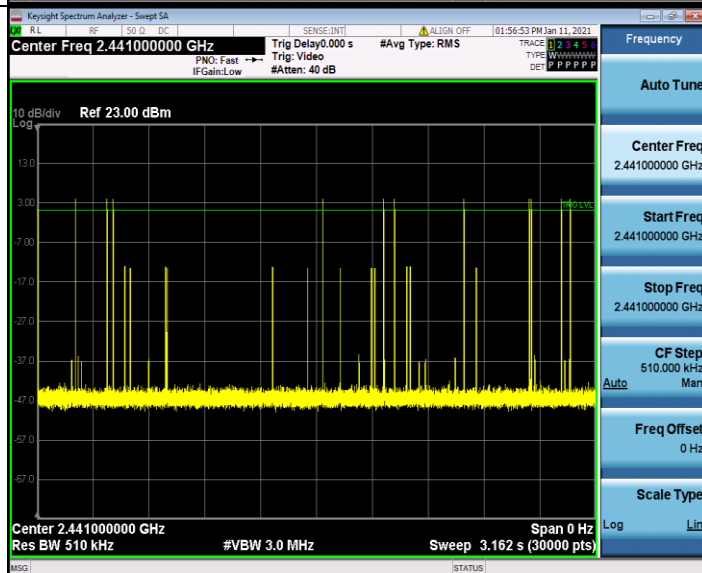
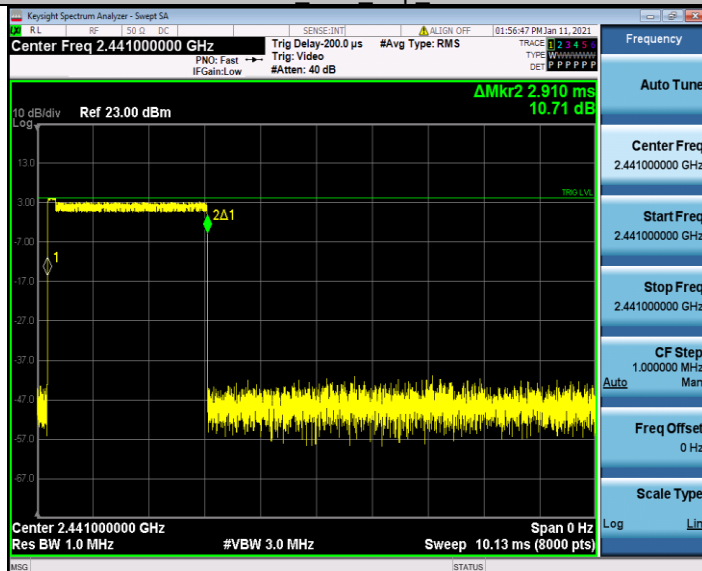
No. 198 Kezhu Road, Science Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663

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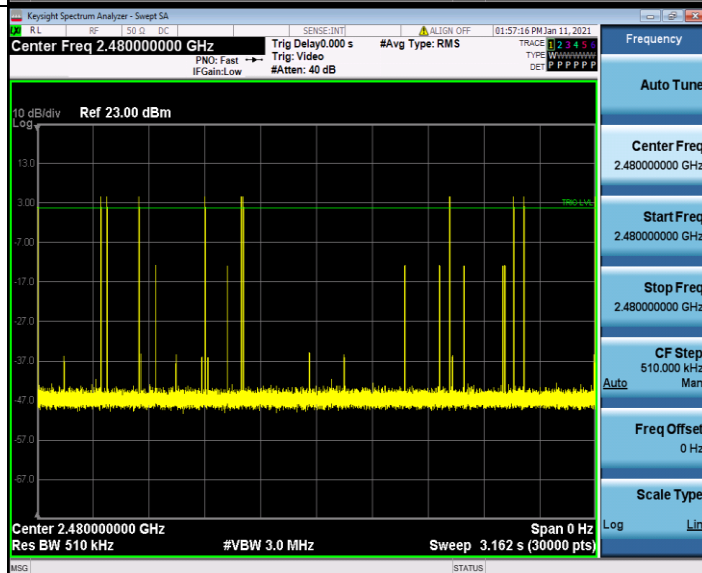
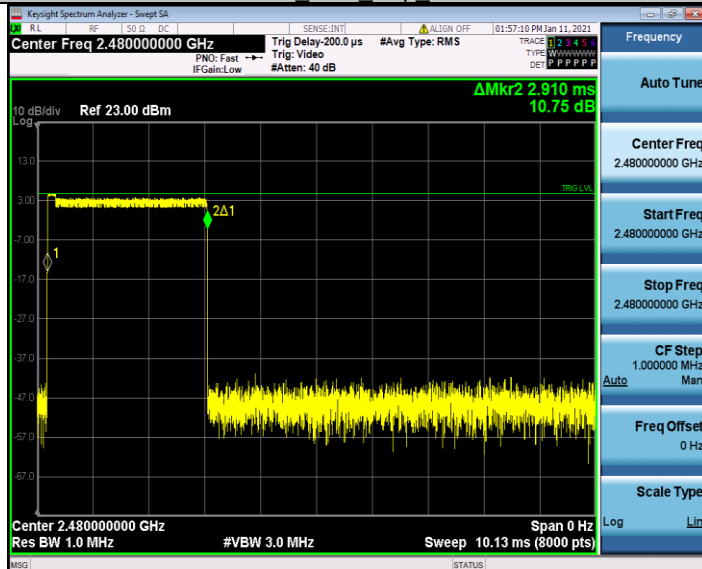
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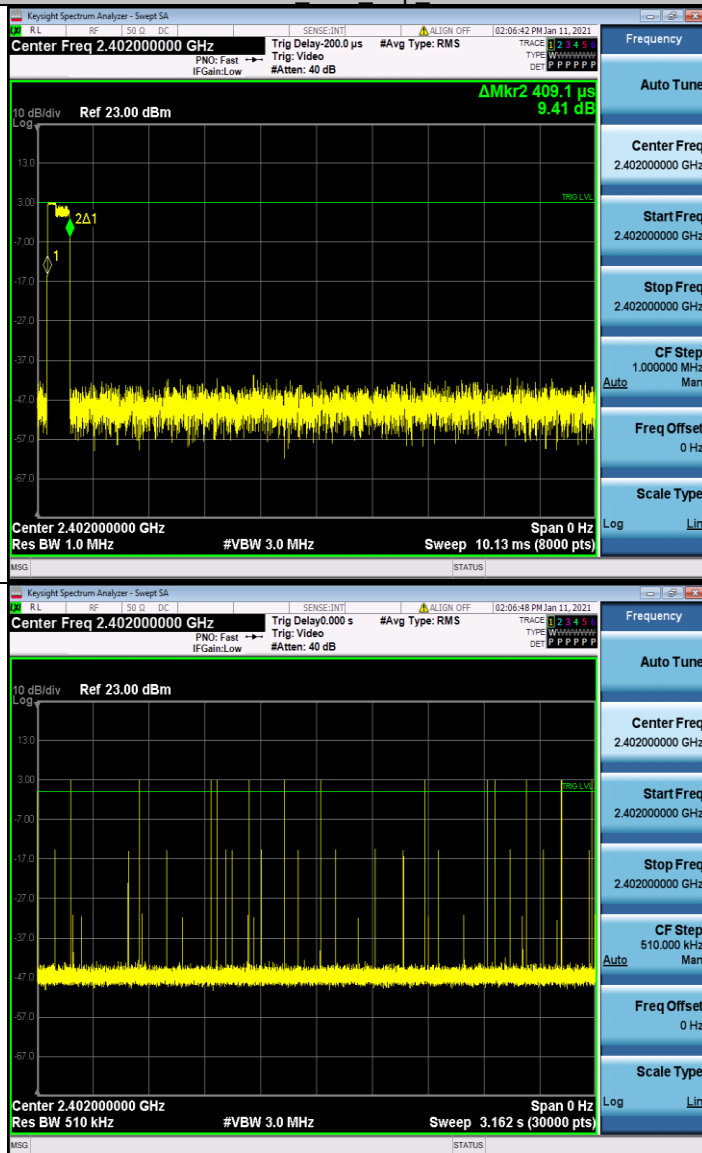
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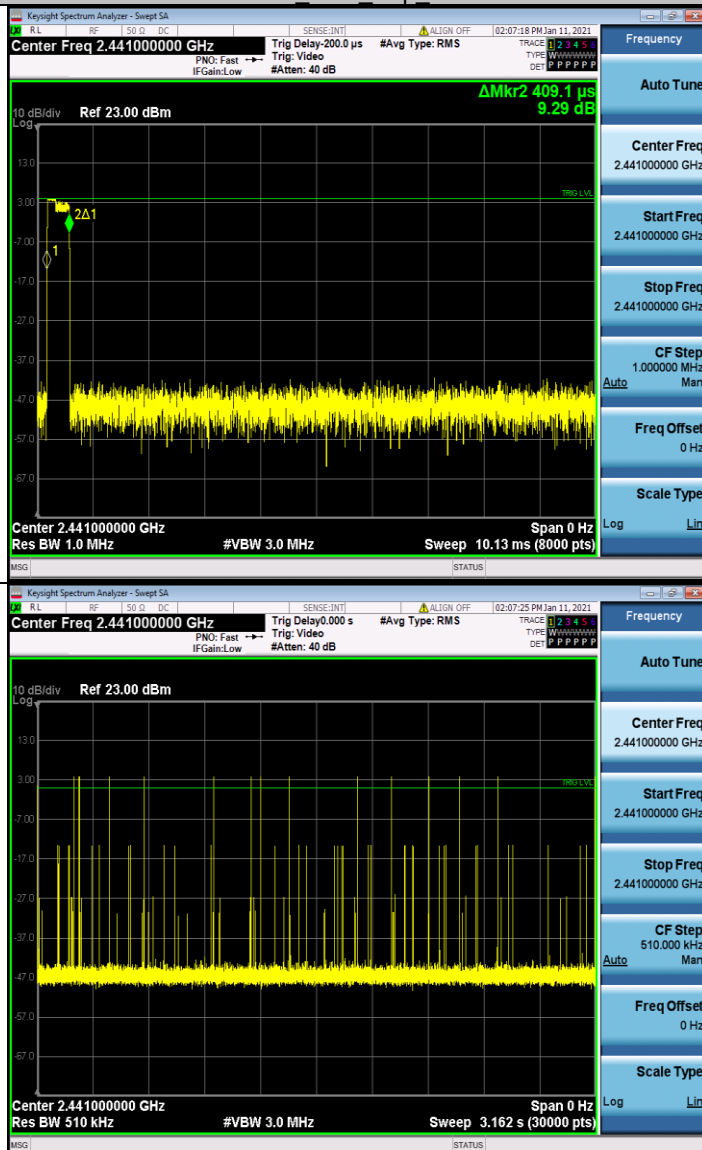
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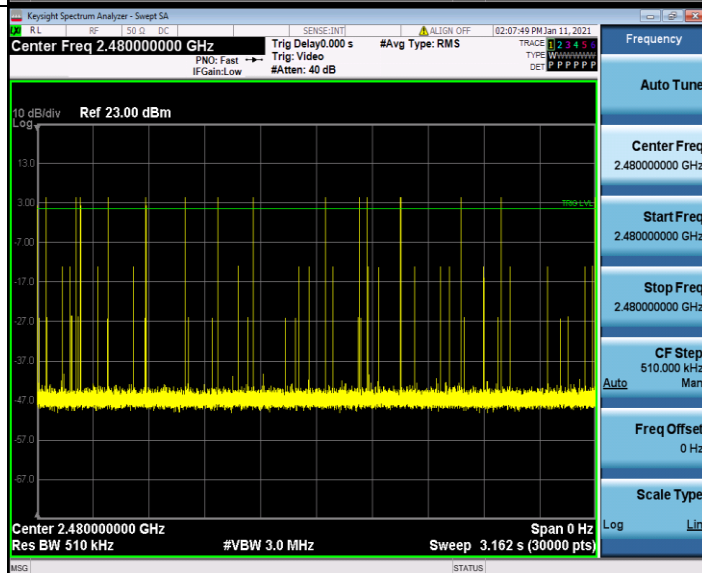
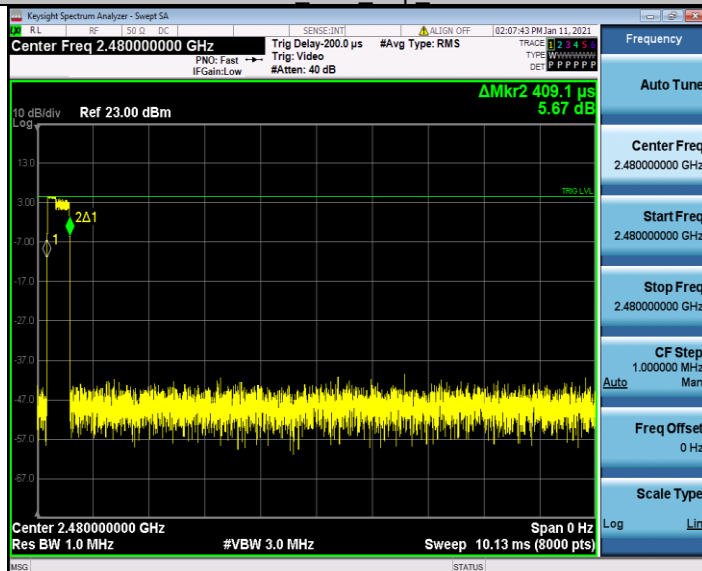
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3DH1_Ant1_Hop_2441



3DH1_Ant1_Hop_2480



3DH3_Ant1_Hop_2402

