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Application No.: GZEM2012017560CR

Page: 1 of 70

Appendix BT Classic Test result of Left Earbud for GZEM2012017560CR



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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	1.035	2401.481	2402.516	---	PASS
		2441	0.858	2440.541	2441.399	---	PASS
		2480	1.017	2479.493	2480.510	---	PASS
2DH5	Ant1	2402	1.206	2401.397	2402.603	---	PASS
		2441	1.206	2440.400	2441.606	---	PASS
		2480	1.245	2479.376	2480.621	---	PASS
3DH5	Ant1	2402	1.233	2401.373	2402.606	---	PASS
		2441	1.245	2440.364	2441.609	---	PASS
		2480	1.272	2479.349	2480.621	---	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



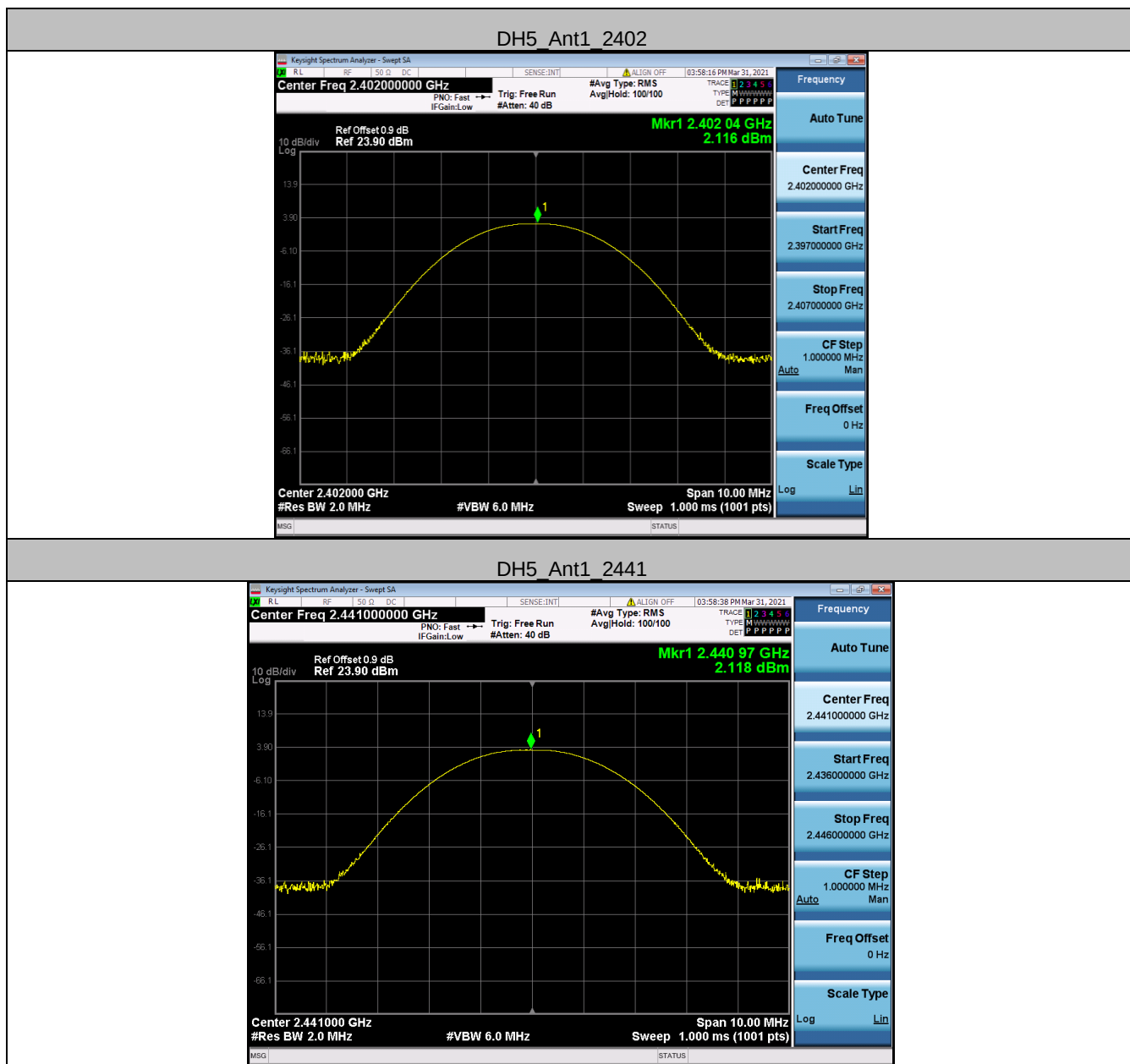
2 Appendix B: Maximum conducted output power

2.1 Test Result

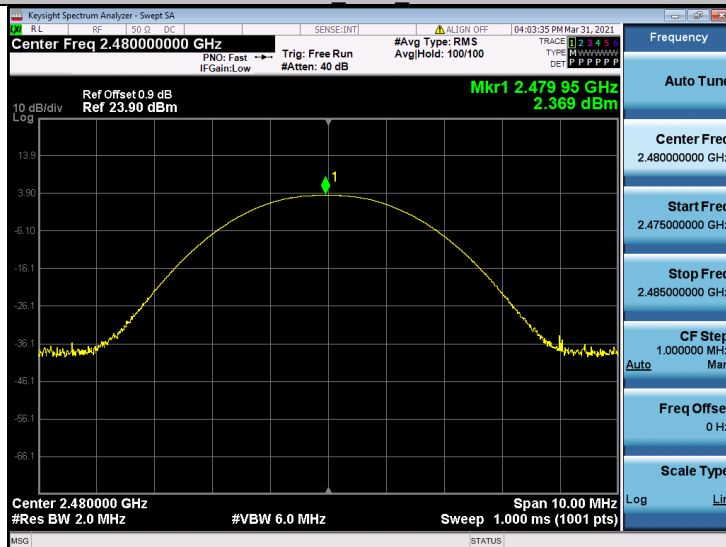
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.12	<=20.97	PASS
		2441	2.12	<=20.97	PASS
		2480	2.37	<=20.97	PASS
2DH5	Ant1	2402	2.2	<=20.97	PASS
		2441	2.15	<=20.97	PASS
		2480	2.06	<=20.97	PASS
3DH5	Ant1	2402	2.02	<=20.97	PASS
		2441	2.96	<=20.97	PASS
		2480	2.45	<=20.97	PASS



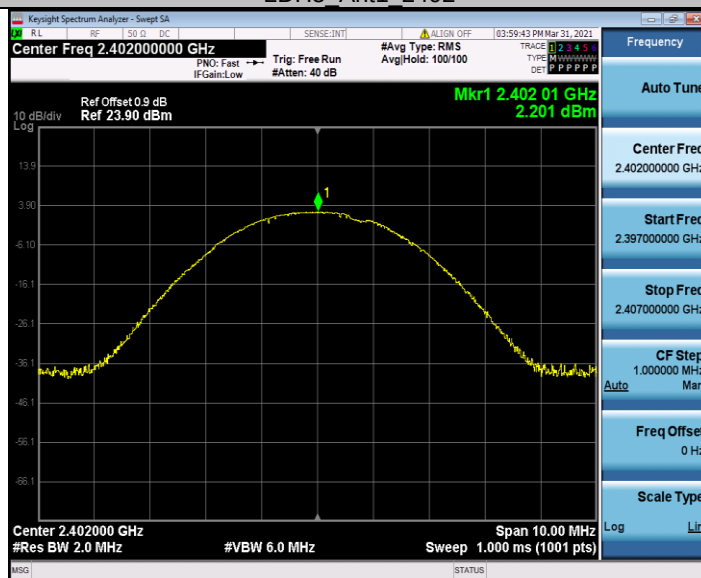
2.2 Test Graphs



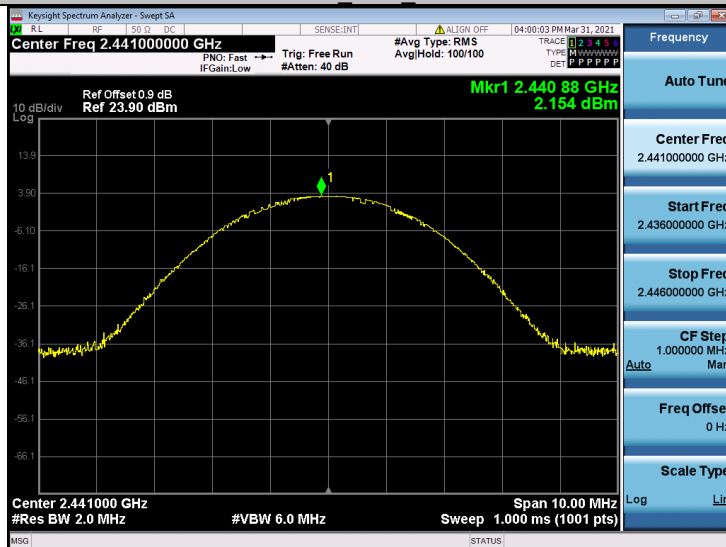
DH5 Ant1 2480



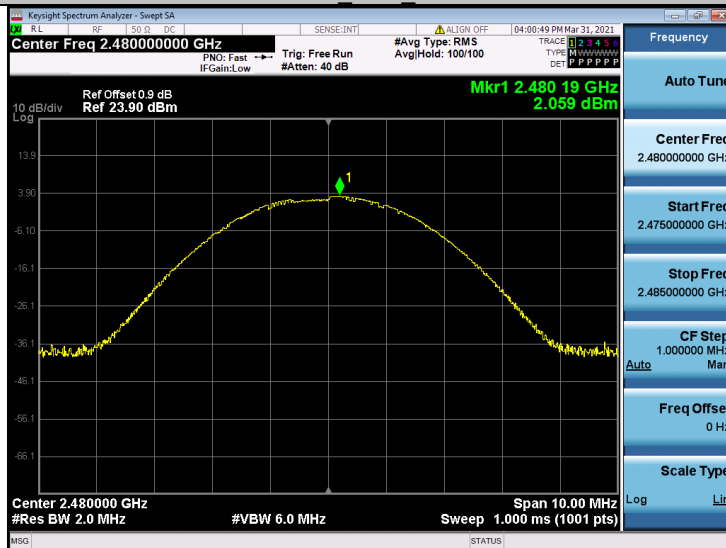
2DH5 Ant1 2402



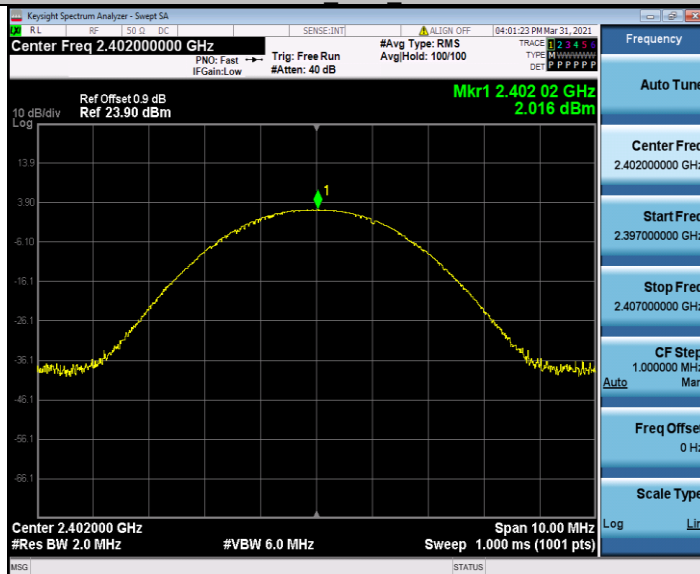
2DH5 Ant1 2441



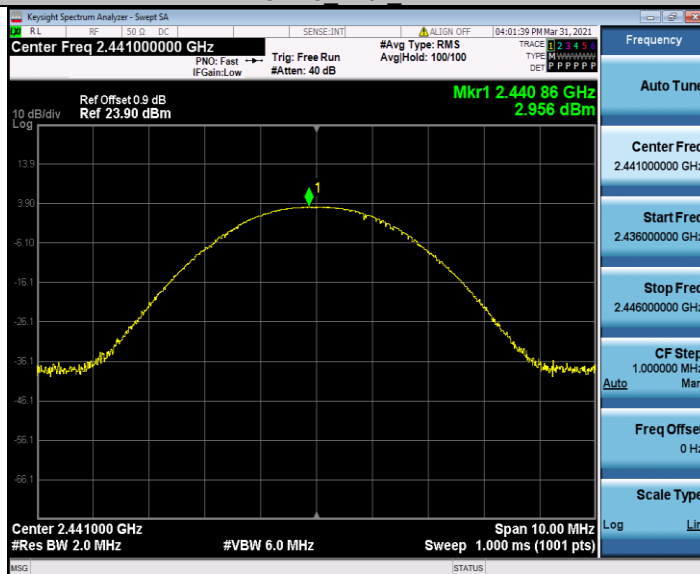
2DH5 Ant1 2480



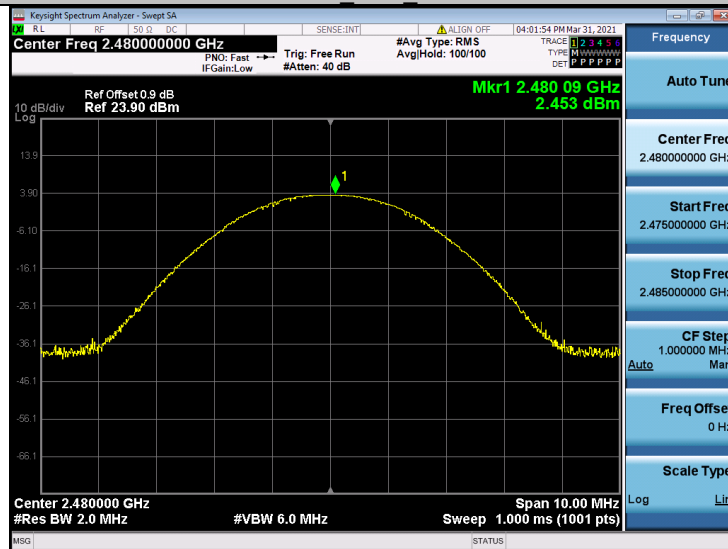
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



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3 Appendix C: Carrier frequency separation

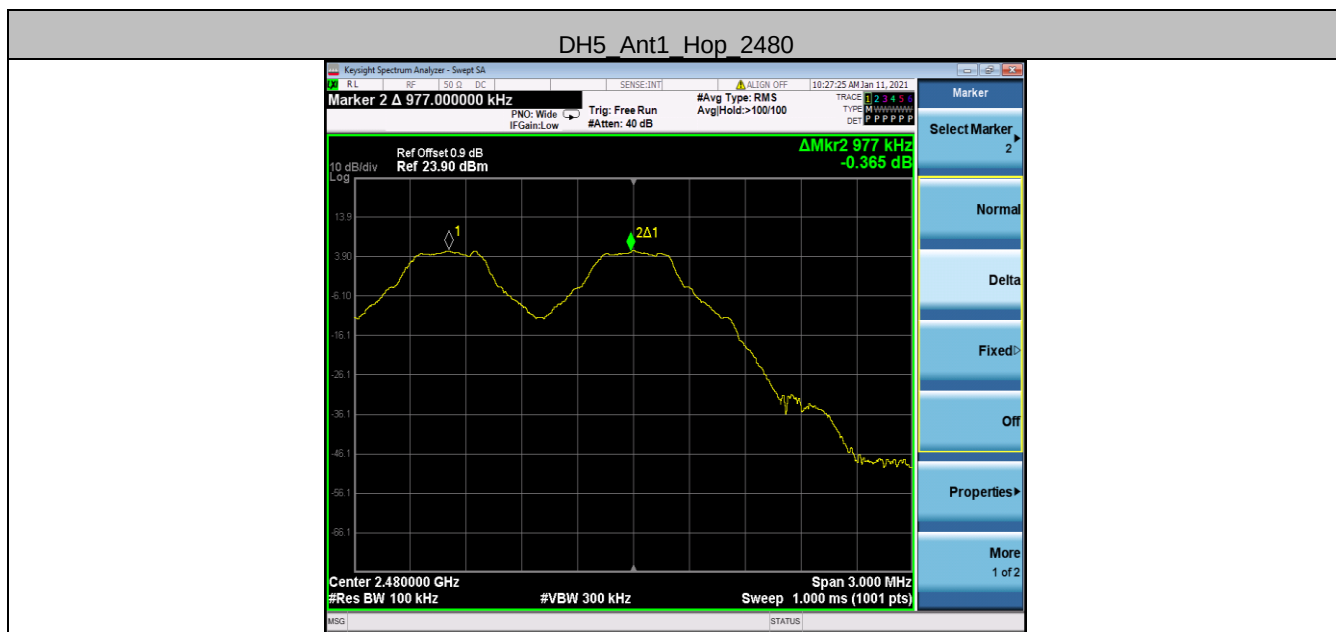
3.1 Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.005	>=0.822	PASS
		Hop_2441	0.991	>=0.830	PASS
		Hop_2480	0.977	>=0.848	PASS



3.2 Test Graphs





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4 Appendix D: Time of occupancy

4.1 Test Result

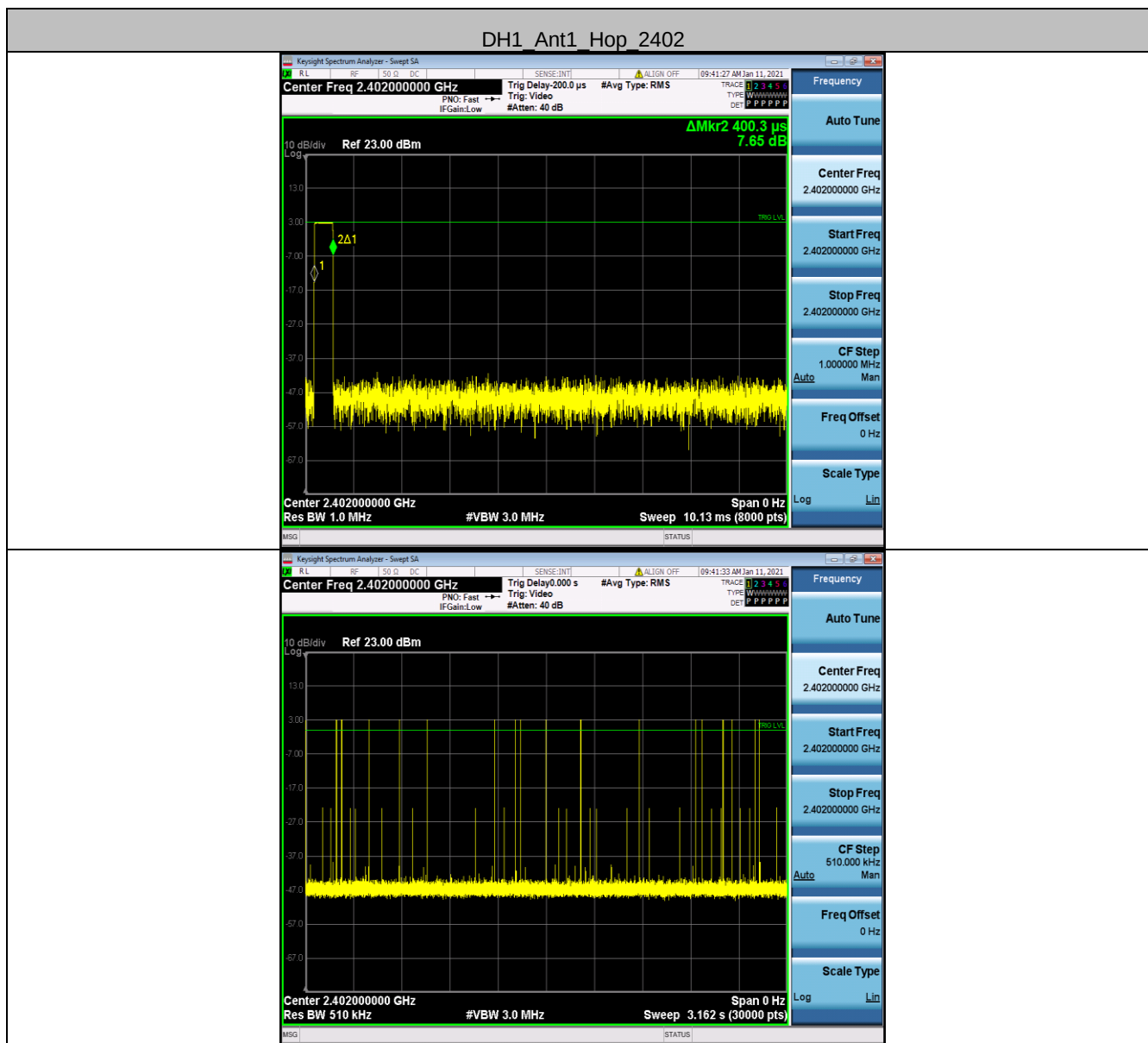
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop_2402	0.40	190	0.076	<=0.4	PASS
		Hop_2441	0.40	200	0.08	<=0.4	PASS
		Hop_2480	0.40	160	0.064	<=0.4	PASS
DH3	Ant1	Hop_2402	1.66	120	0.199	<=0.4	PASS
		Hop_2441	1.66	150	0.249	<=0.4	PASS
		Hop_2480	1.66	70	0.116	<=0.4	PASS
DH5	Ant1	Hop_2402	2.90	80	0.232	<=0.4	PASS
		Hop_2441	2.90	110	0.319	<=0.4	PASS
		Hop_2480	2.90	50	0.145	<=0.4	PASS
2DH1	Ant1	Hop_2402	0.41	190	0.078	<=0.4	PASS
		Hop_2441	0.41	140	0.057	<=0.4	PASS
		Hop_2480	0.41	190	0.078	<=0.4	PASS
2DH3	Ant1	Hop_2402	1.66	100	0.166	<=0.4	PASS
		Hop_2441	1.66	120	0.199	<=0.4	PASS
		Hop_2480	1.66	110	0.183	<=0.4	PASS
2DH5	Ant1	Hop_2402	2.91	70	0.204	<=0.4	PASS
		Hop_2441	2.91	120	0.349	<=0.4	PASS
		Hop_2480	2.91	80	0.233	<=0.4	PASS
3DH1	Ant1	Hop_2402	0.41	180	0.074	<=0.4	PASS
		Hop_2441	0.41	160	0.066	<=0.4	PASS
		Hop_2480	0.41	190	0.078	<=0.4	PASS
3DH3	Ant1	Hop_2402	1.66	130	0.216	<=0.4	PASS
		Hop_2441	1.66	70	0.116	<=0.4	PASS
		Hop_2480	1.66	120	0.199	<=0.4	PASS
3DH5	Ant1	Hop_2402	2.91	120	0.349	<=0.4	PASS
		Hop_2441	2.91	70	0.204	<=0.4	PASS
		Hop_2480	2.91	50	0.146	<=0.4	PASS



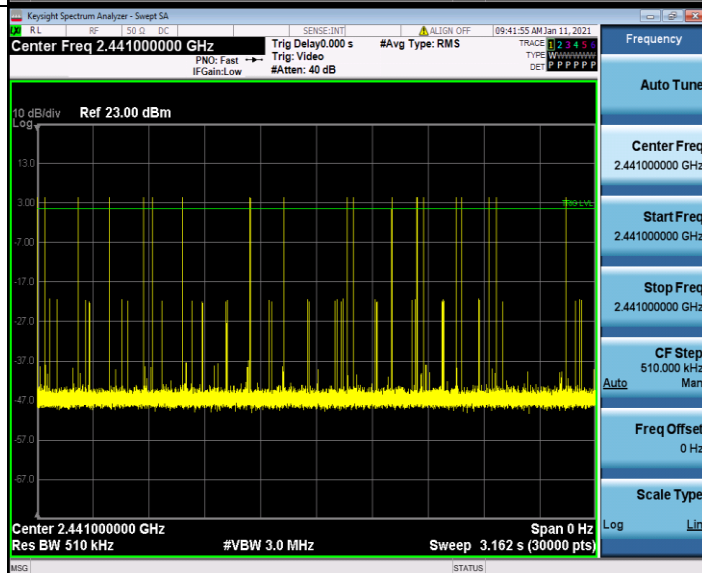
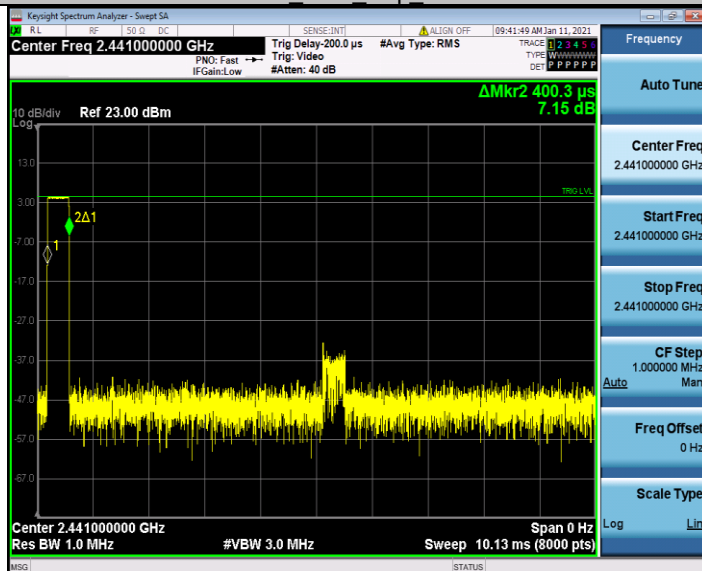
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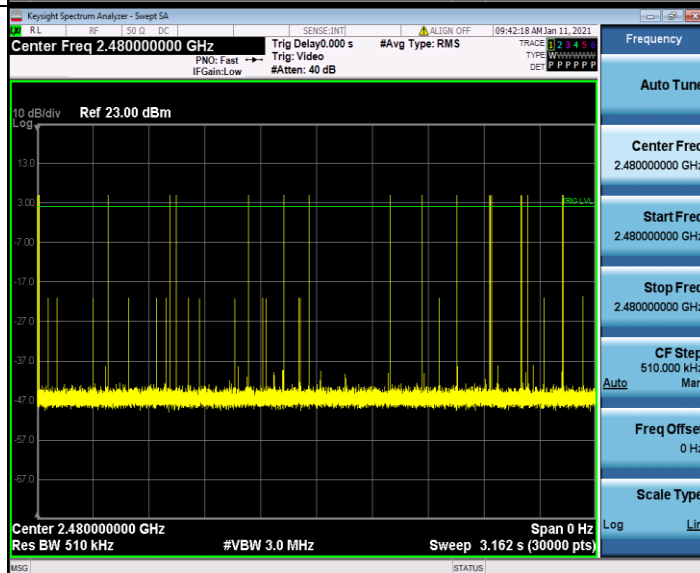
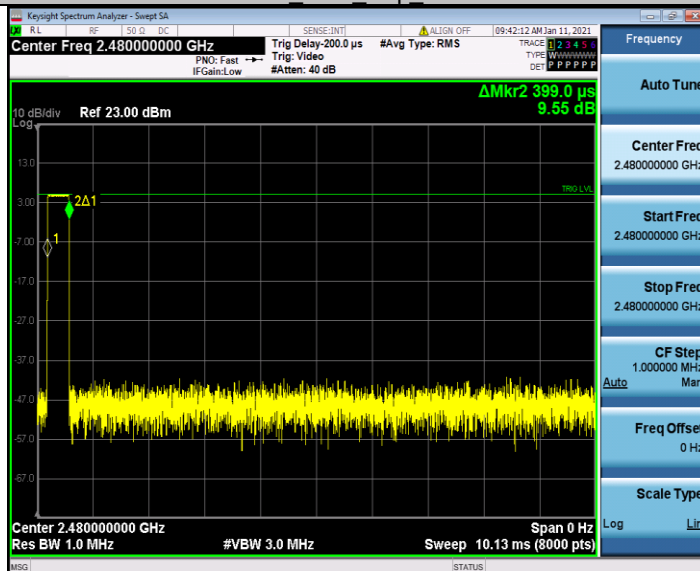
4.2 Test Graphs



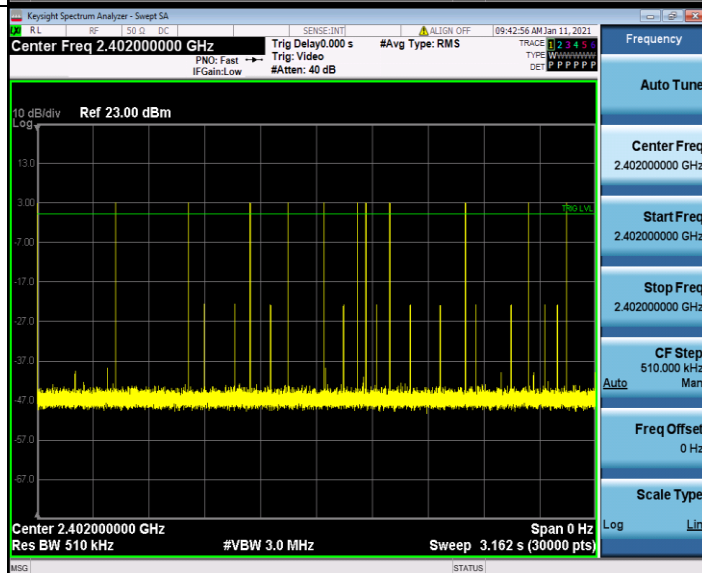
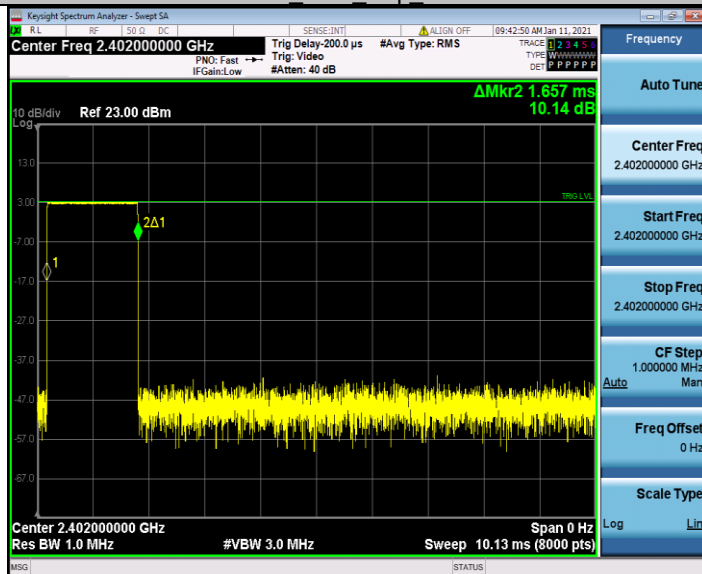
DH1 Ant1 Hop 2441



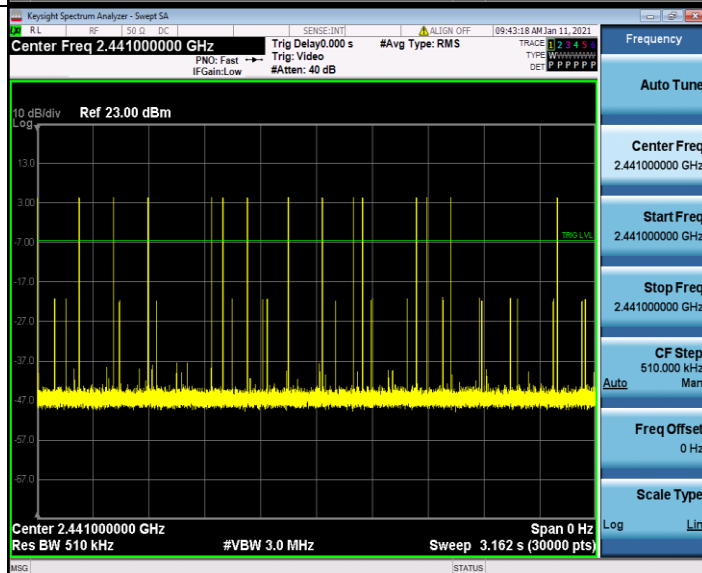
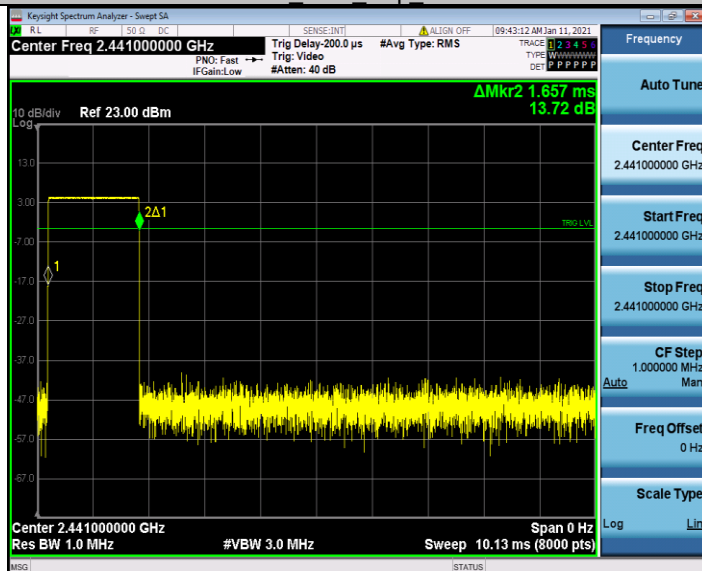
DH1 Ant1 Hop 2480



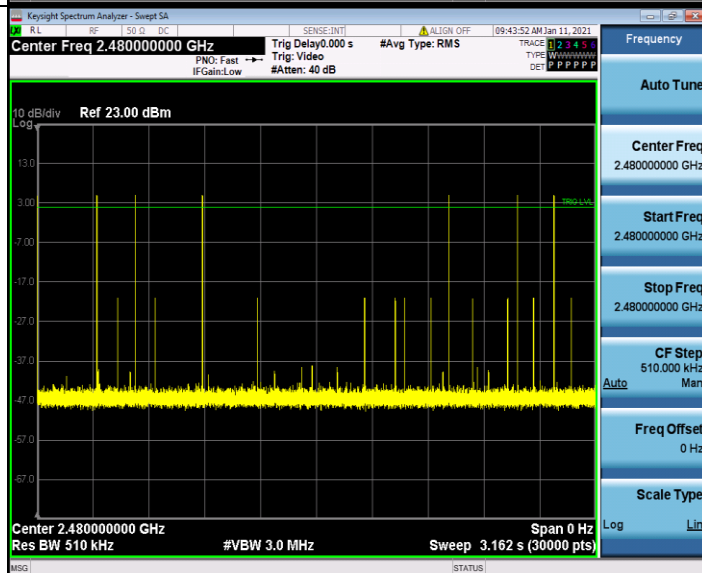
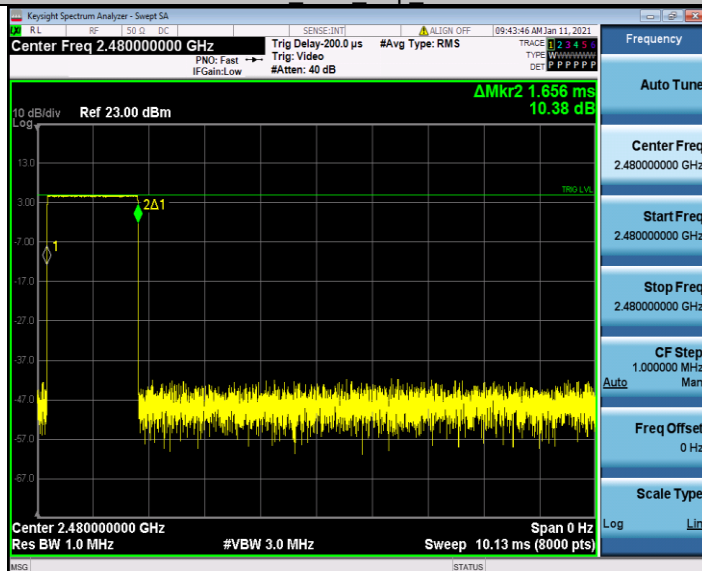
DH3 Ant1 Hop 2402



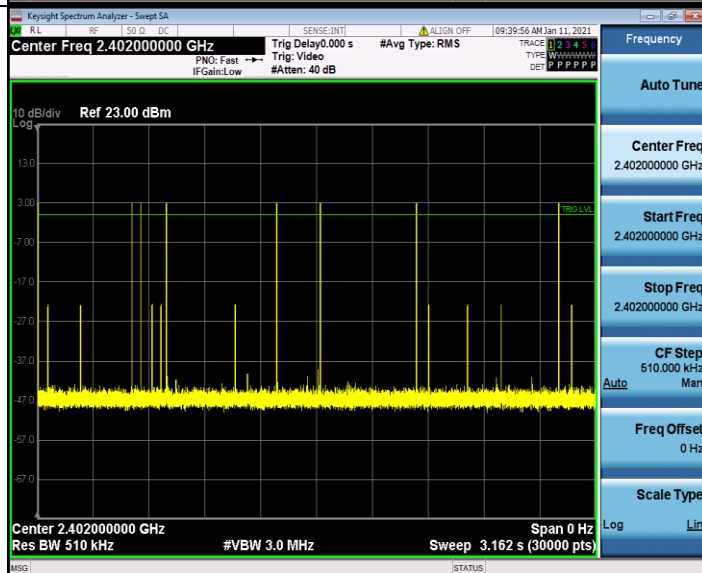
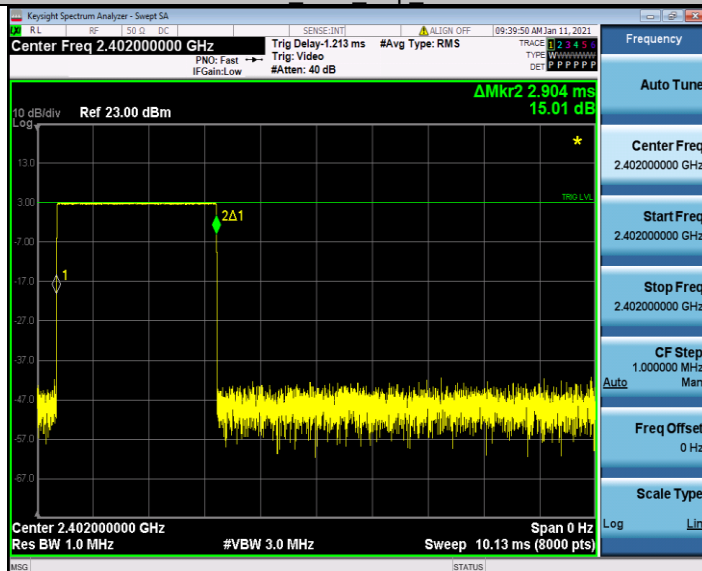
DH3 Ant1 Hop 2441



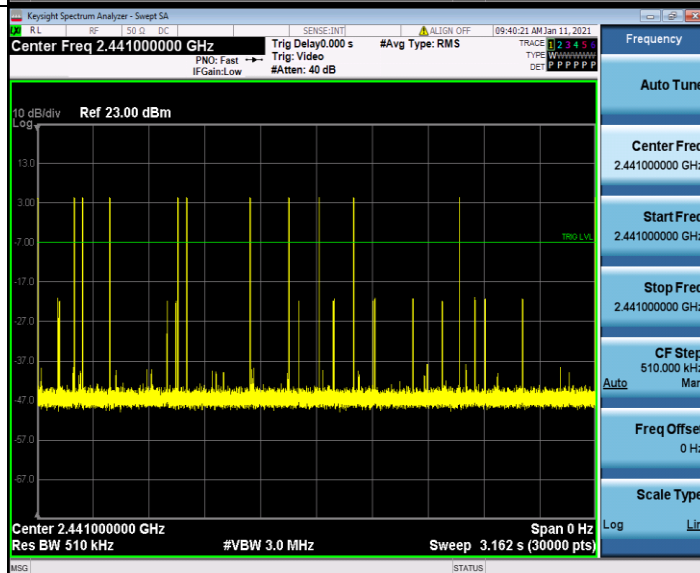
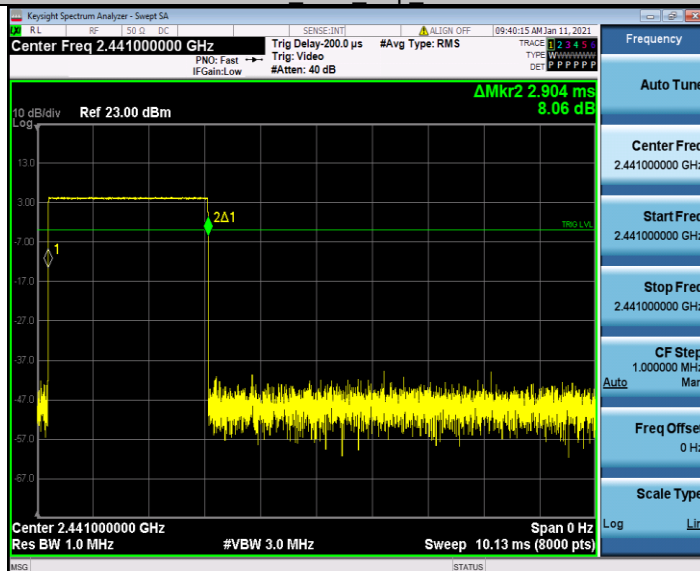
DH3 Ant1 Hop 2480

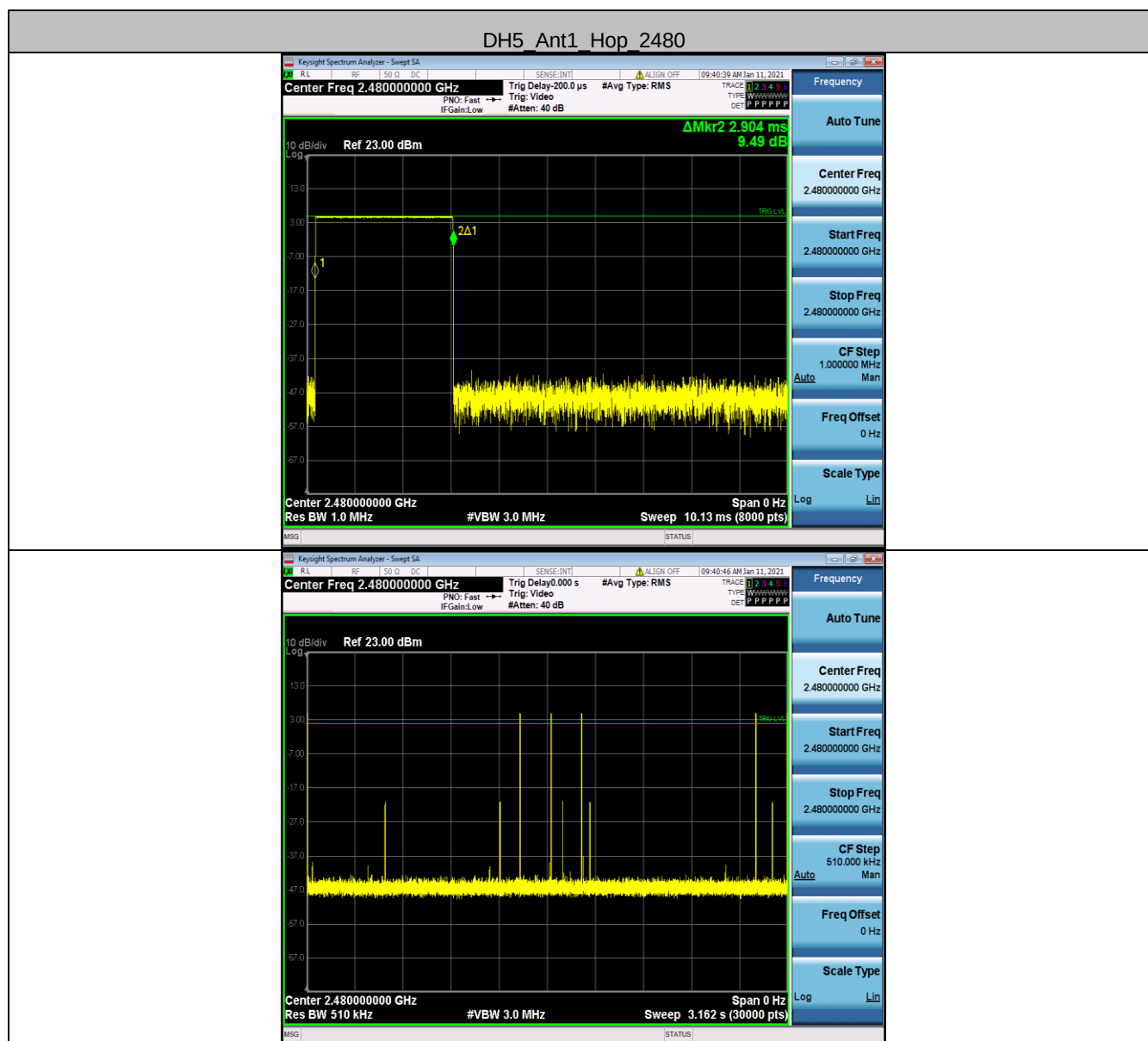


DH5 Ant1 Hop 2402



DH5 Ant1 Hop 2441





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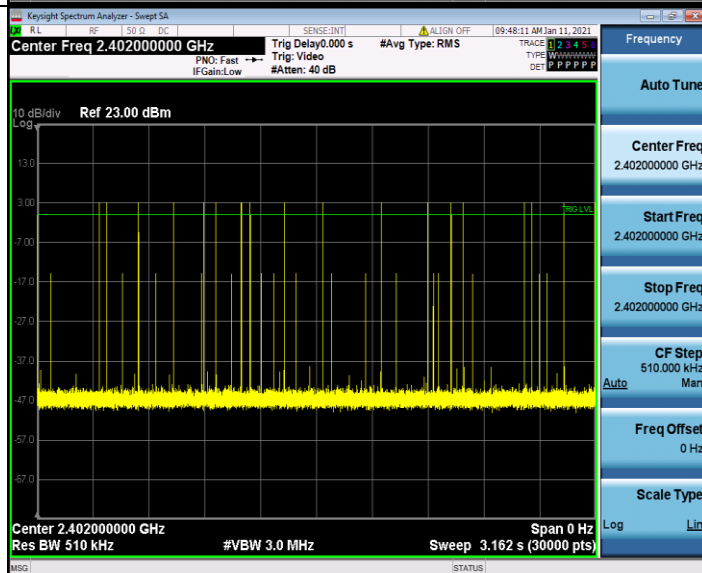
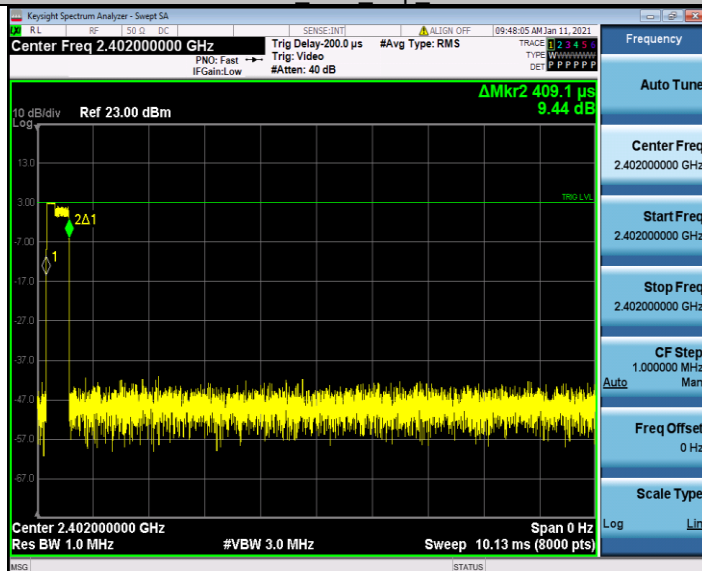
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2DH1_Ant1_Hop_2402



2DH1_Ant1_Hop_2441

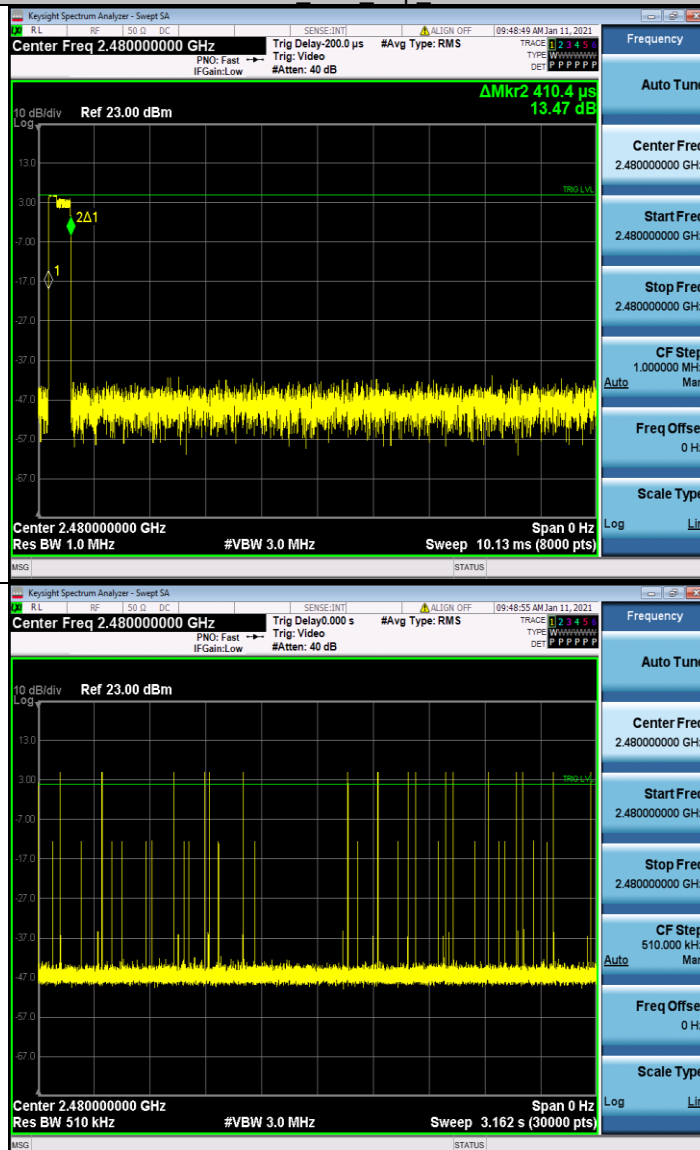


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2DH1_Ant1_Hop_2480



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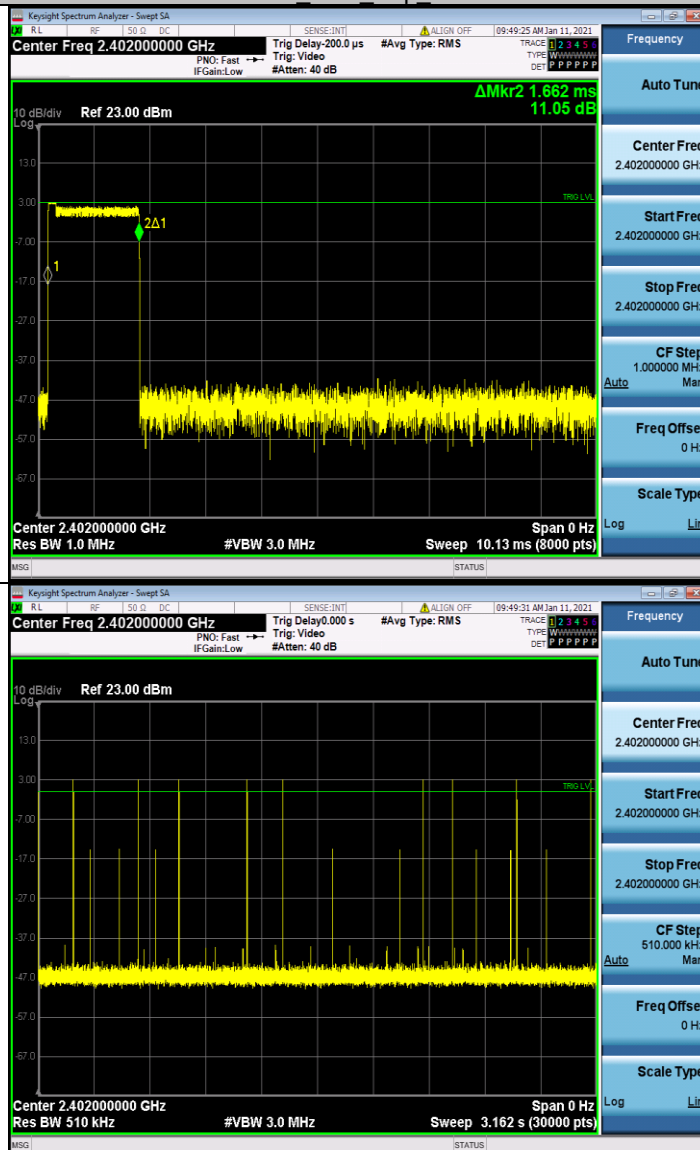
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2DH3_Ant1_Hop_2402



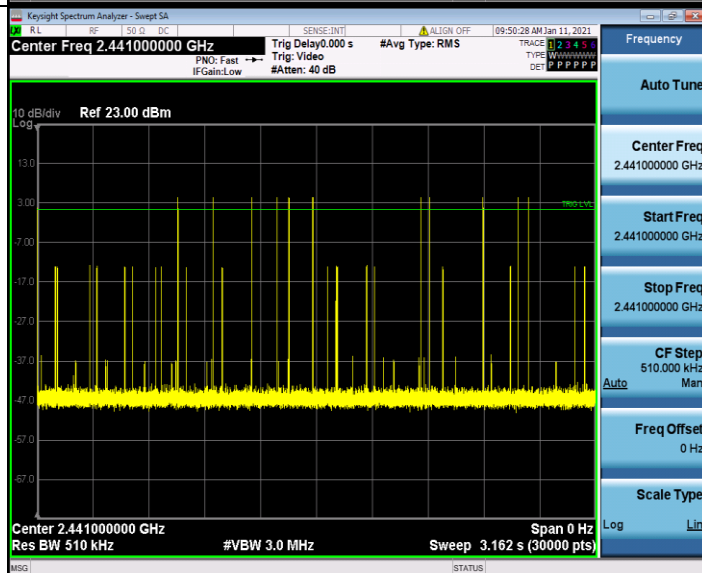
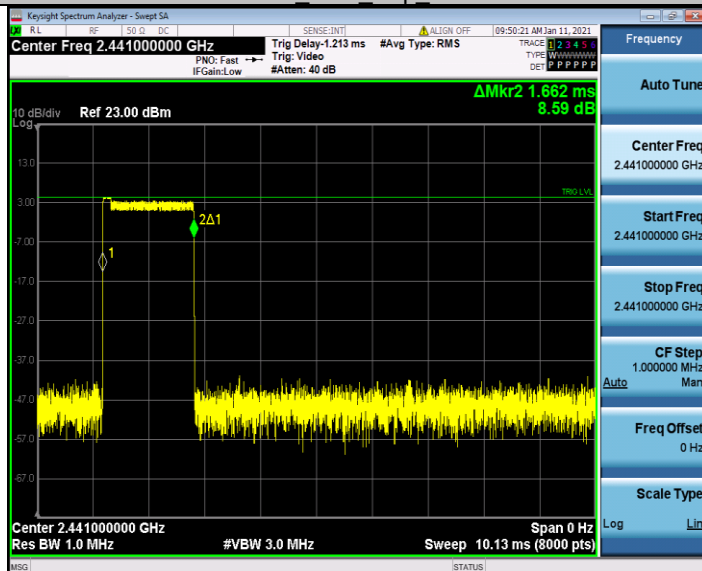
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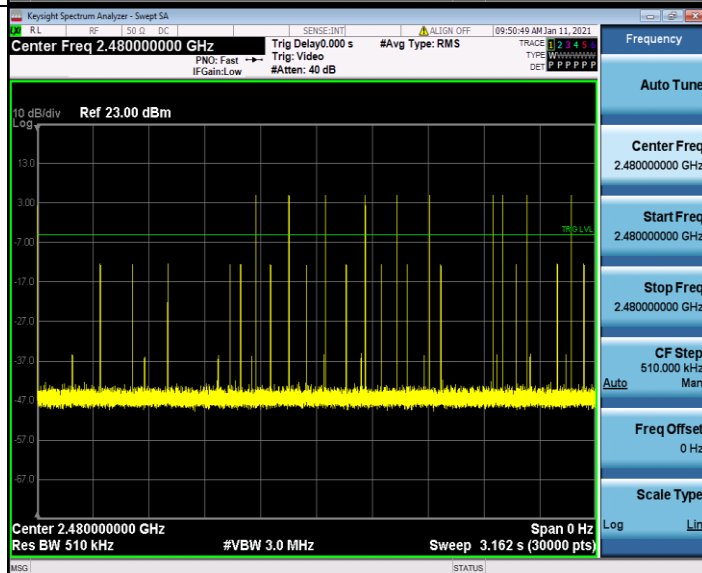
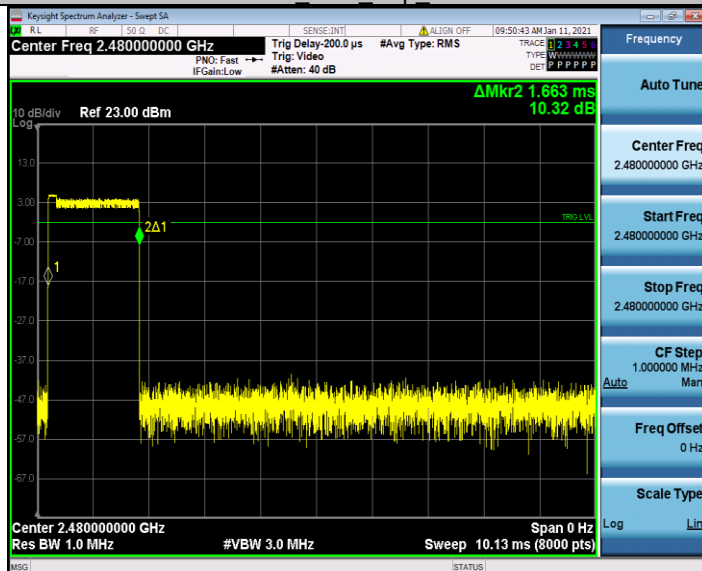
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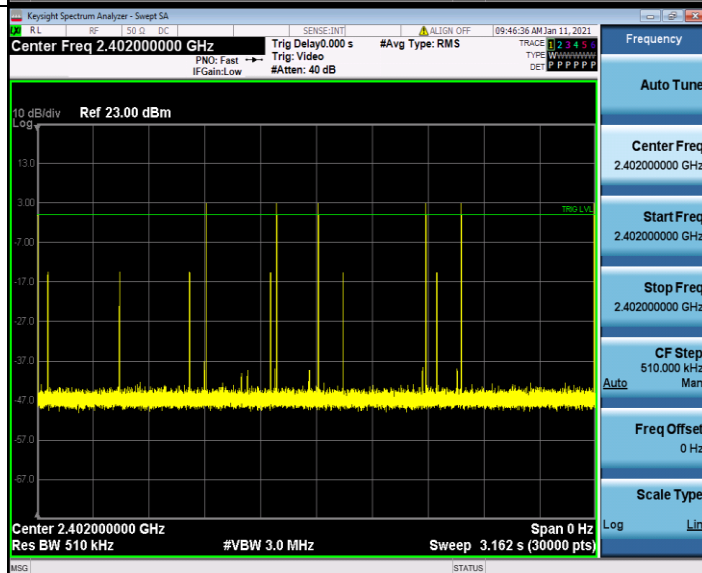
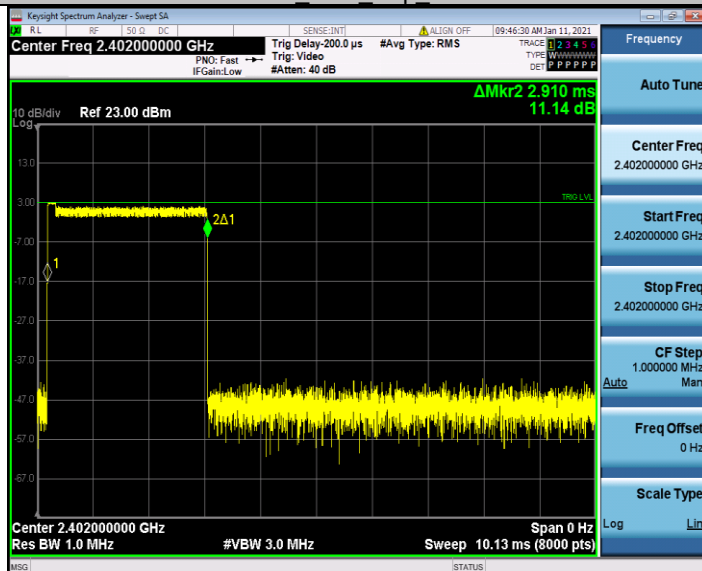
2DH3_Ant1_Hop_2441



2DH3_Ant1_Hop_2480



2DH5_Ant1_Hop_2402



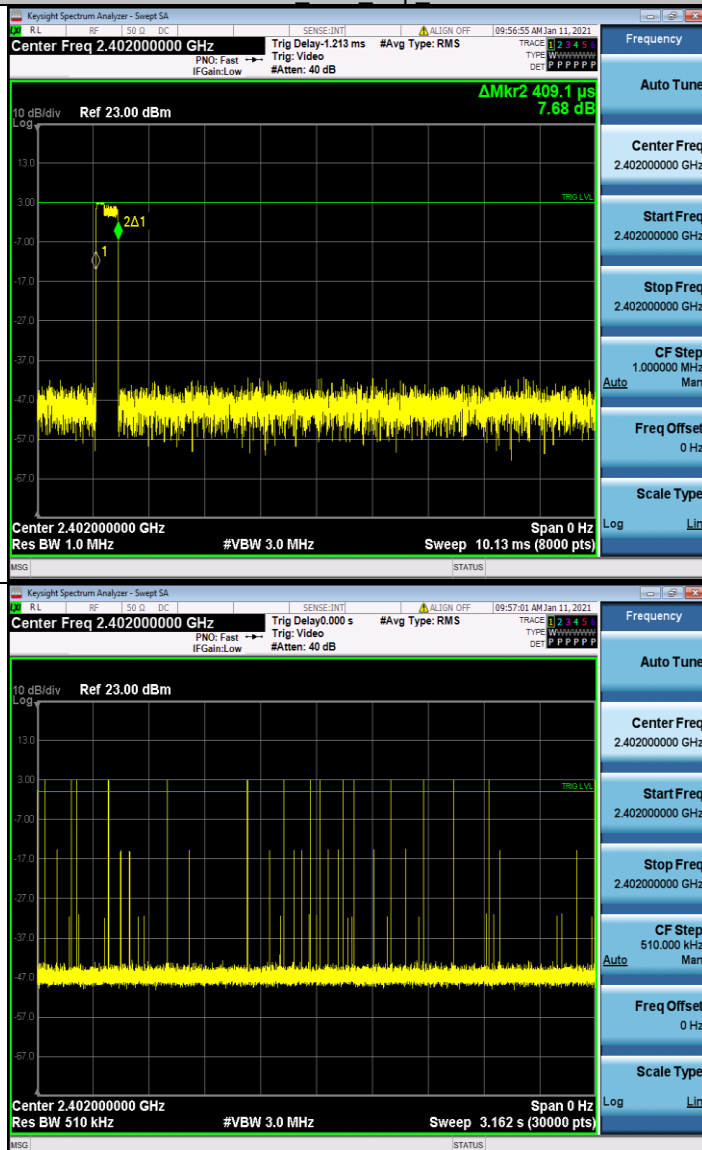
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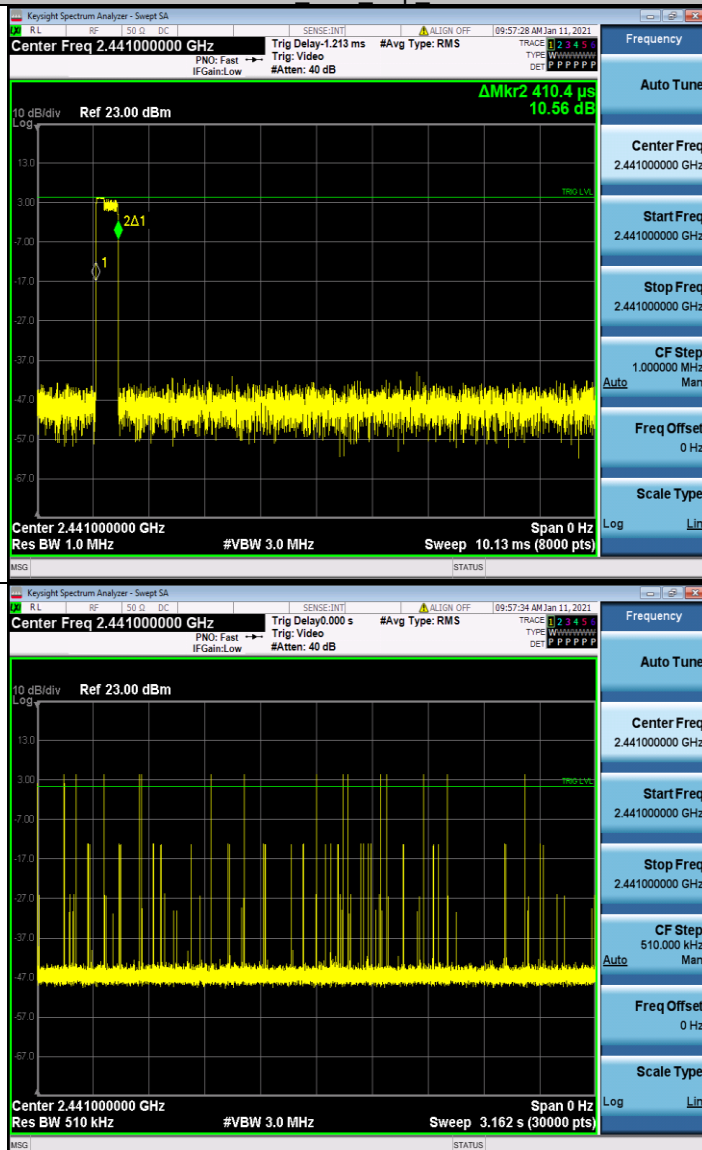
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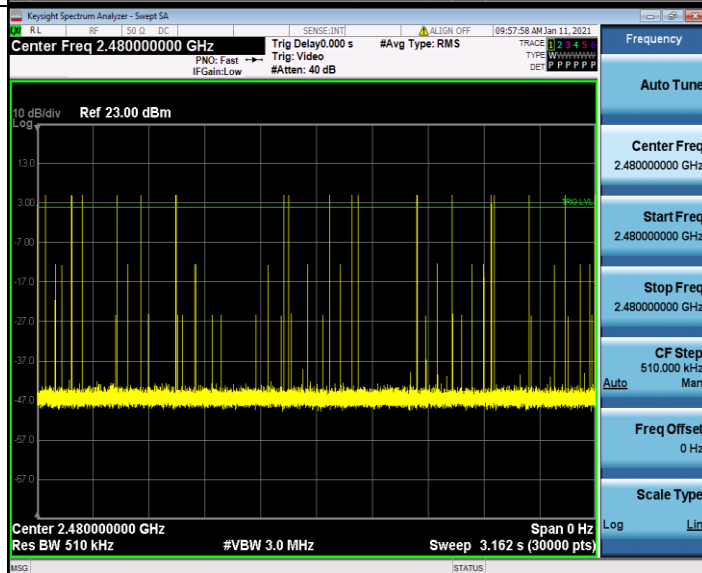
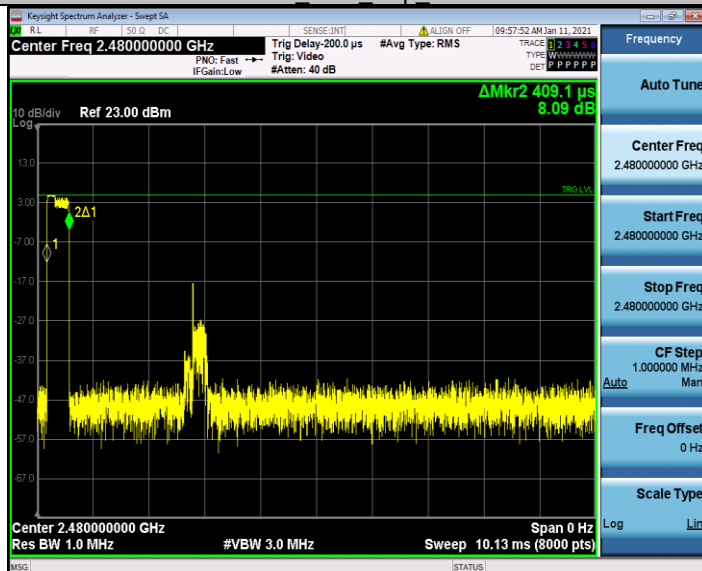
3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441



3DH1_Ant1_Hop_2480



3DH3_Ant1_Hop_2402

