

Annex for FCC Bluetooth BR&EDR

Test Report No. :CTL2211015021-WF

Appendix A: 20dB Emission Bandwidth**Test Result**

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.541	2402.495	---	PASS
		2441	0.954	2440.538	2441.492	---	PASS
		2480	0.951	2479.538	2480.489	---	PASS
2DH5	Ant1	2402	1.290	2401.364	2402.654	---	PASS
		2441	1.284	2440.367	2441.651	---	PASS
		2480	1.284	2479.367	2480.651	---	PASS
3DH5	Ant1	2402	1.260	2401.364	2402.624	---	PASS
		2441	1.257	2440.364	2441.621	---	PASS
		2480	1.257	2479.364	2480.621	---	PASS

Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

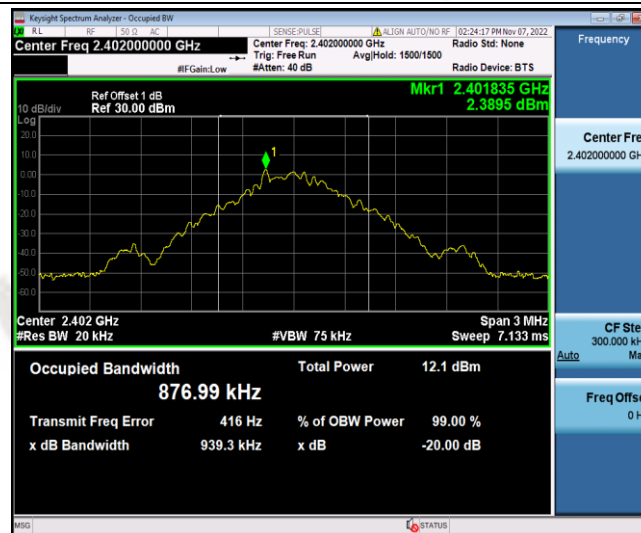


3DH5_Ant1_2480

Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87699	2401.562	2402.439	---	PASS
		2441	0.88013	2440.559	2441.439	---	PASS
		2480	0.87908	2479.559	2480.438	---	PASS
2DH5	Ant1	2402	1.1699	2401.416	2402.586	---	PASS
		2441	1.1703	2440.416	2441.586	---	PASS
		2480	1.1679	2479.416	2480.583	---	PASS
3DH5	Ant1	2402	1.1585	2401.423	2402.582	---	PASS
		2441	1.1567	2440.424	2441.581	---	PASS
		2480	1.1551	2479.424	2480.579	---	PASS

Test Graphs



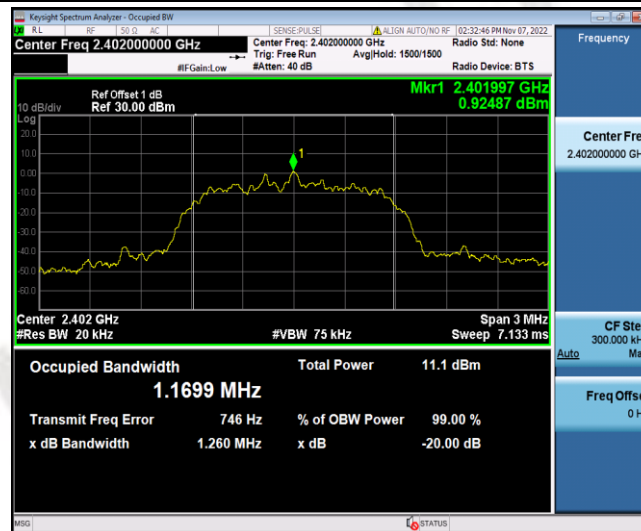
DH5_Ant1_2402



DH5_Ant1_2441



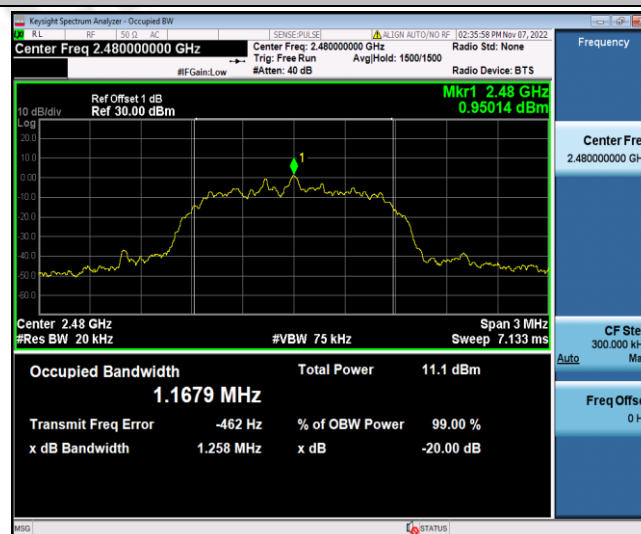
DH5_Ant1_2480



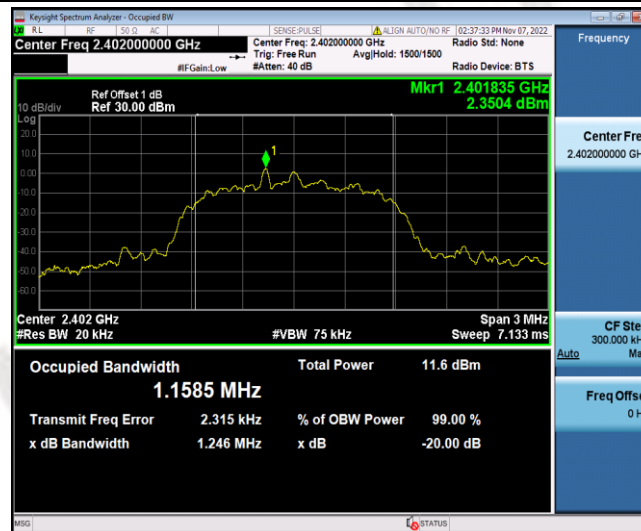
2DH5_Ant1_2402



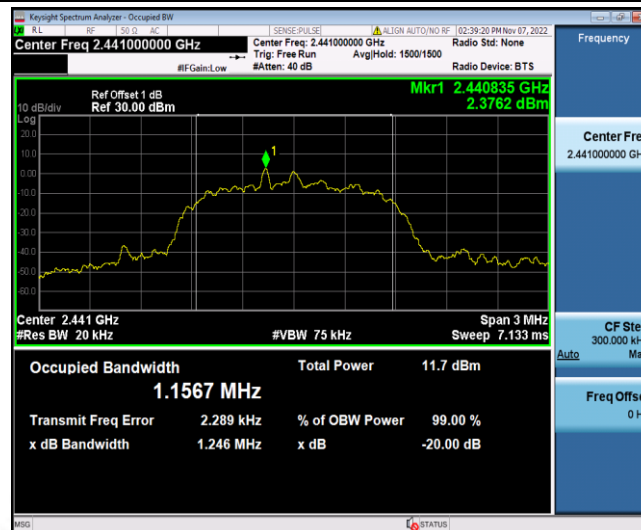
2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

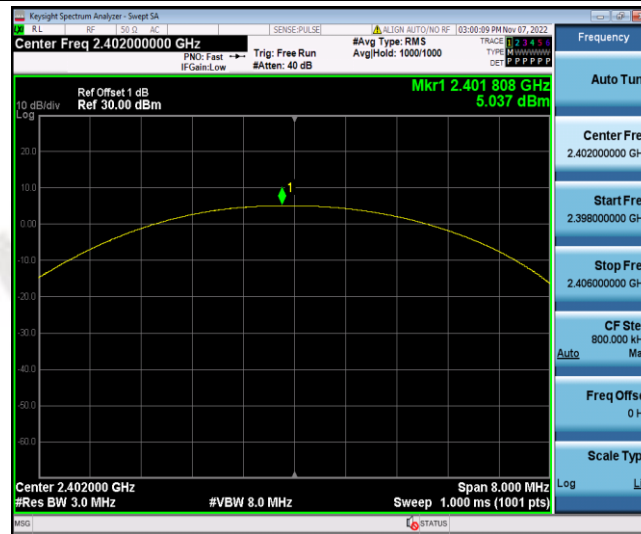


3DH5_Ant1_2480

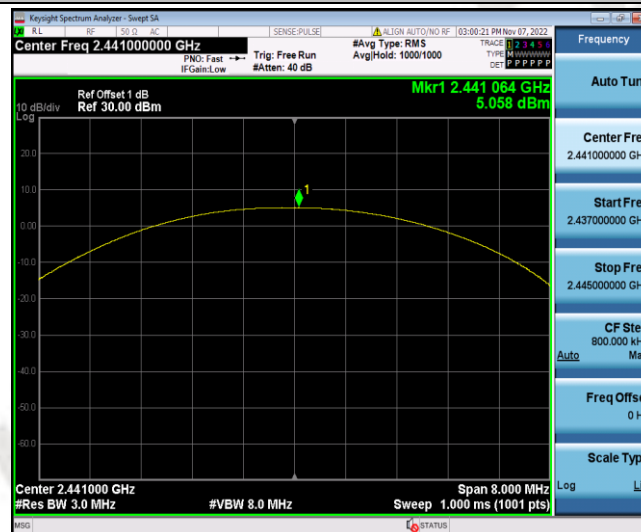
Appendix C: Maximum conducted output power**Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.04	≤30	PASS
		2441	5.06	≤30	PASS
		2480	5	≤30	PASS
2DH5	Ant1	2402	5.82	≤20.97	PASS
		2441	5.86	≤20.97	PASS
		2480	5.79	≤20.97	PASS
3DH5	Ant1	2402	6.36	≤20.97	PASS
		2441	6.39	≤20.97	PASS
		2480	6.35	≤20.97	PASS

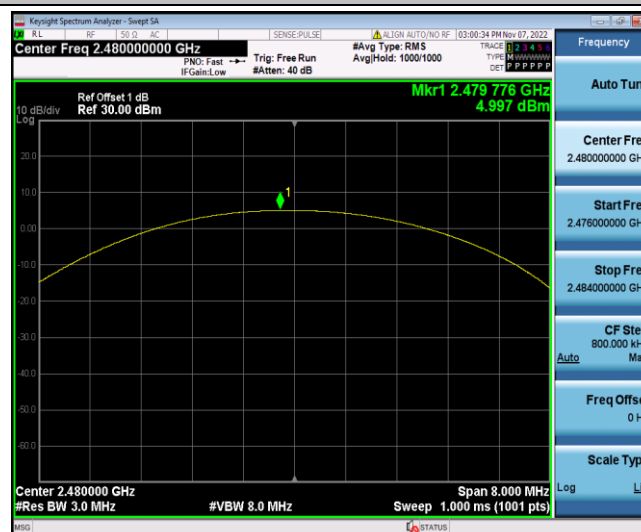
Test Graphs



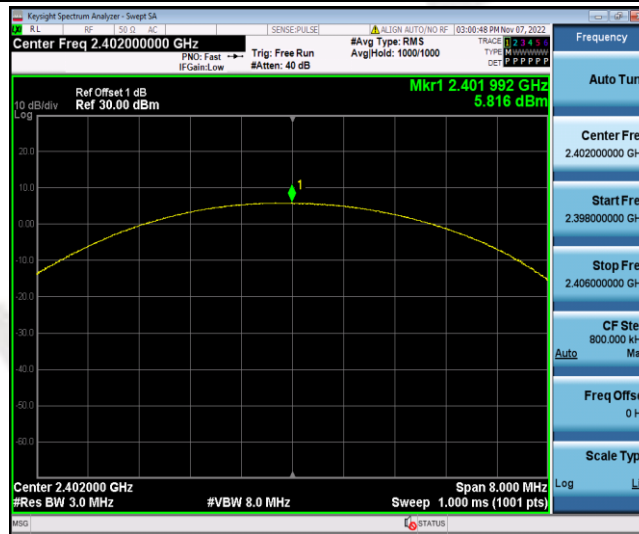
DH5_Ant1_2402



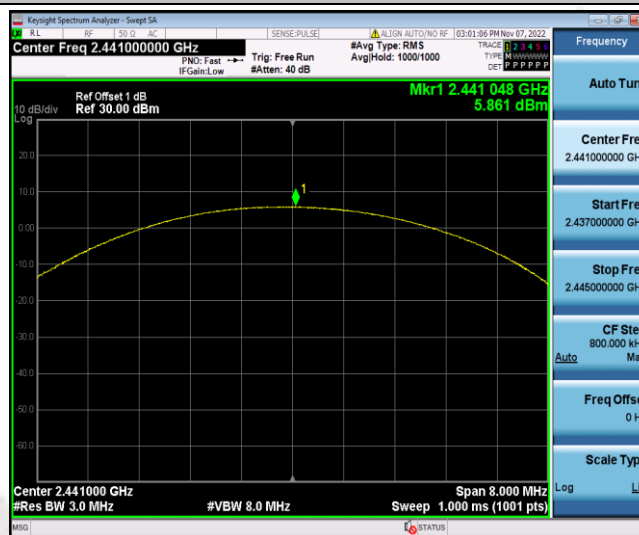
DH5_Ant1_2441



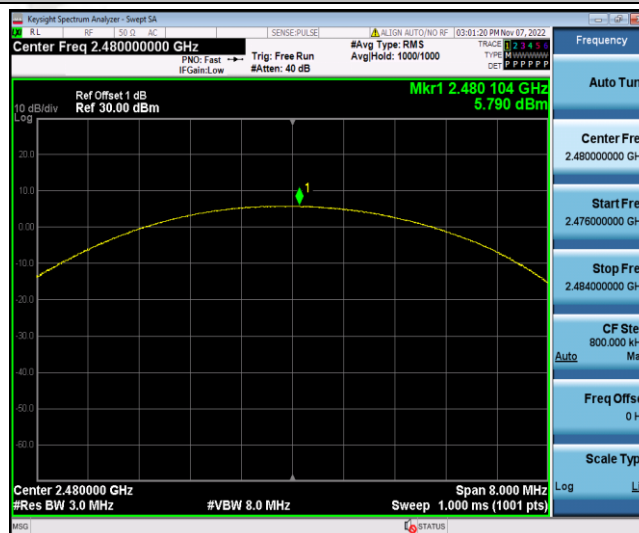
DH5_Ant1_2480



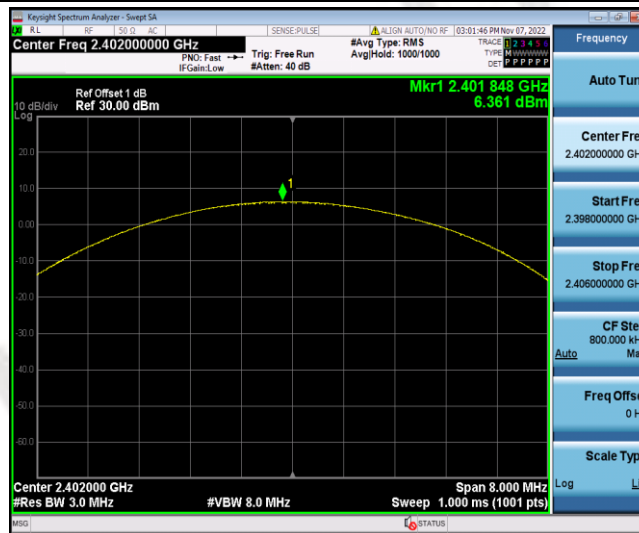
2DH5_Ant1_2402



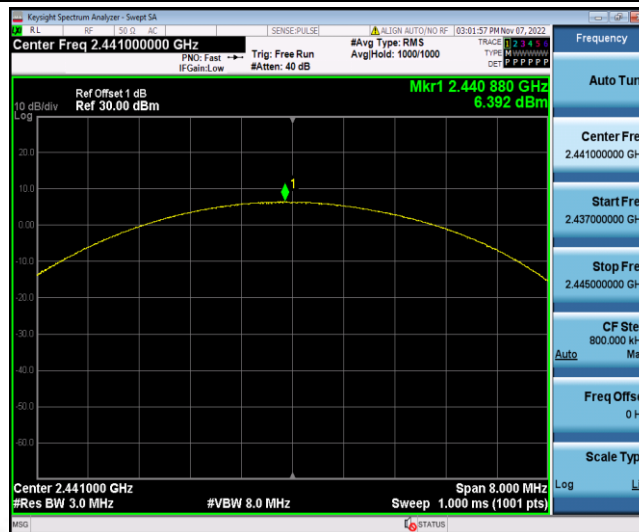
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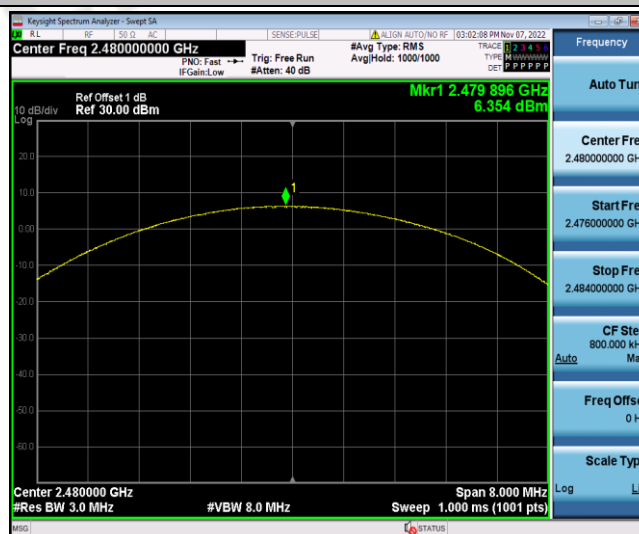
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

Appendix D: Carrier frequency separation

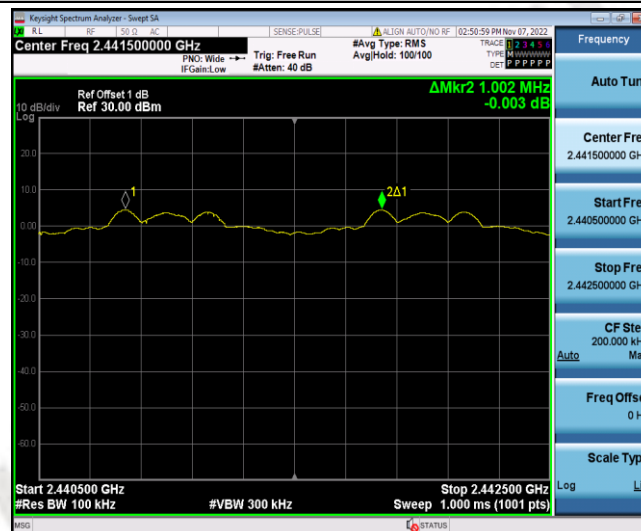
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.636	PASS
2DH5	Ant1	Hop	1.002	≥ 0.860	PASS
3DH5	Ant1	Hop	1	≥ 0.840	PASS

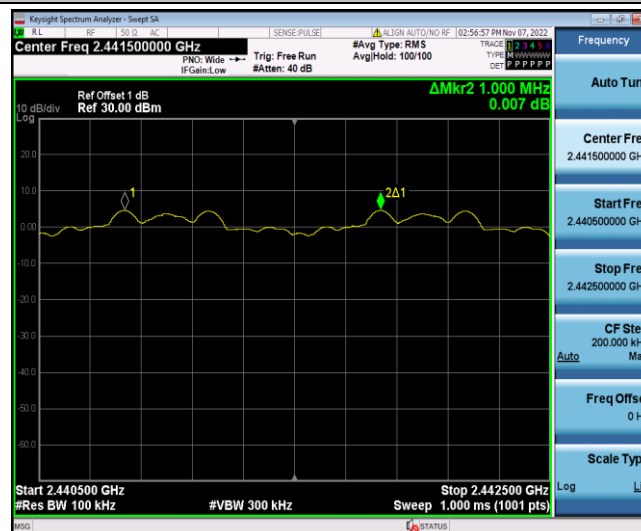
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

Appendix E: Time of occupancy

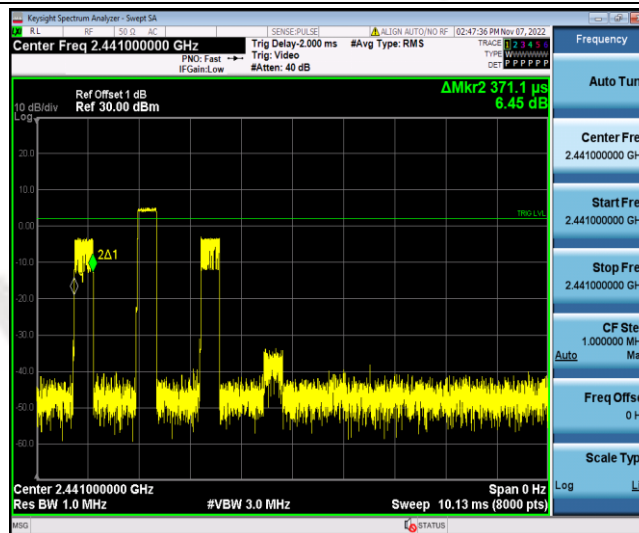
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	330	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.62	170	0.275	≤0.4	PASS
DH5	Ant1	Hop	2.87	110	0.315	≤0.4	PASS
2DH1	Ant1	Hop	0.38	330	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.63	170	0.277	≤0.4	PASS
2DH5	Ant1	Hop	2.88	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.38	330	0.125	≤0.4	PASS
3DH3	Ant1	Hop	1.63	170	0.277	≤0.4	PASS
3DH5	Ant1	Hop	2.88	110	0.317	≤0.4	PASS

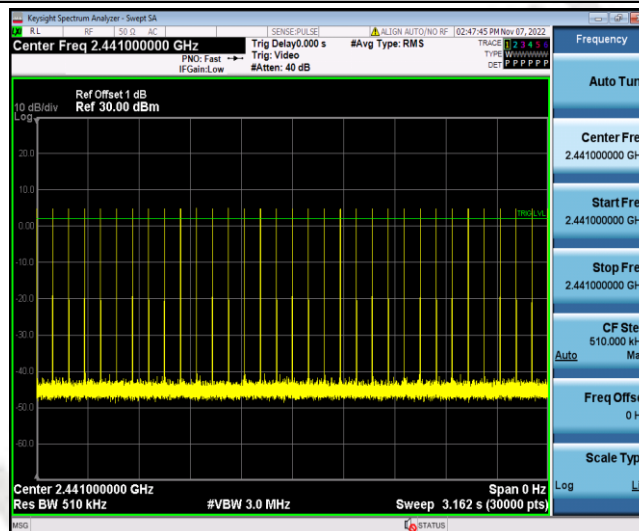
Note: (1) Dwell time=Pulse time (ms) × Total Pulse number s

(2) Total Pulse number= Pulse number in 3.16 s × 10

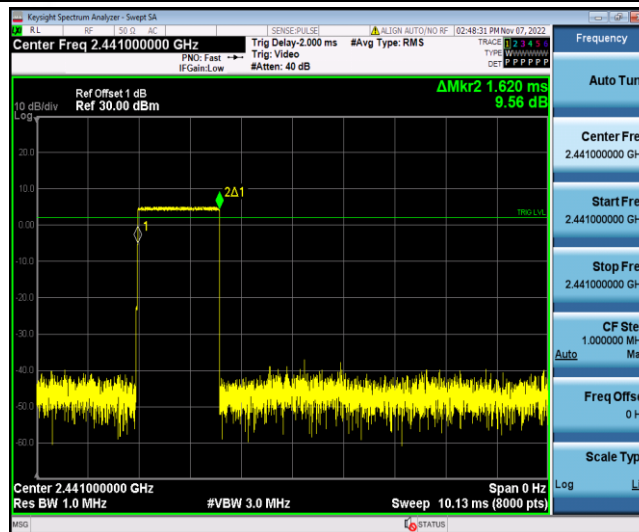
Test Graphs



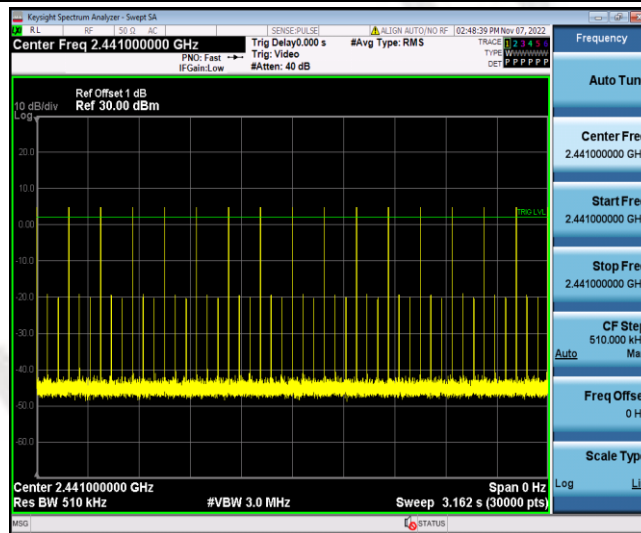
DH1_Ant1_Hop



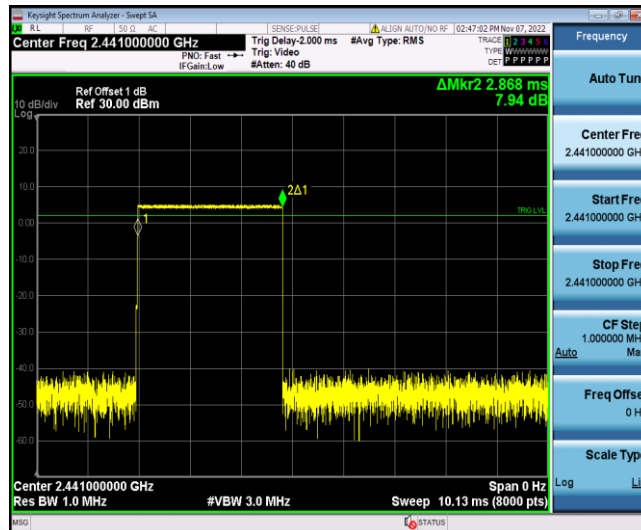
DH1_Ant1_Hop



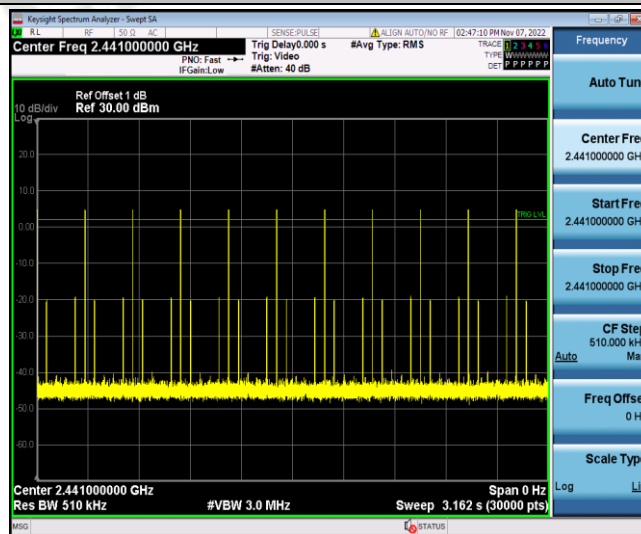
DH3_Ant1_Hop



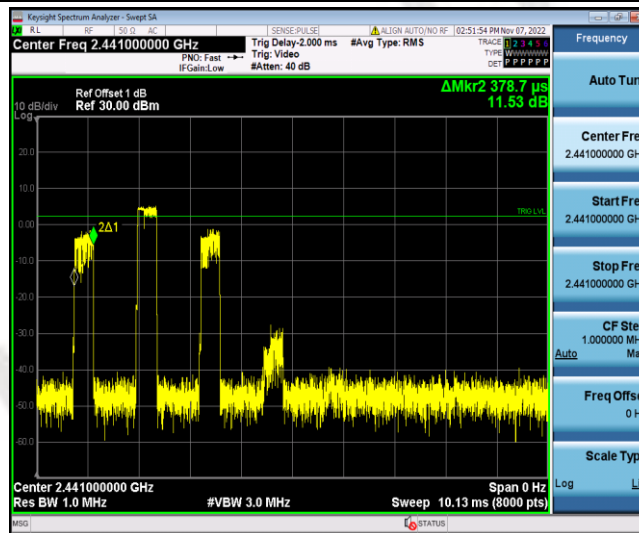
DH3_Ant1_Hop



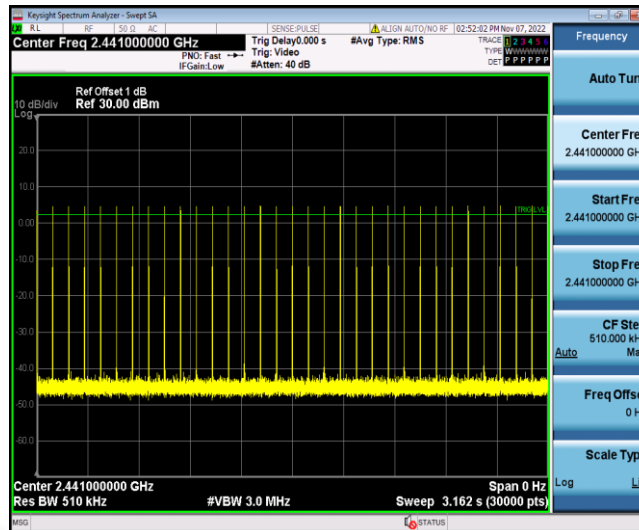
DH5_Ant1_Hop



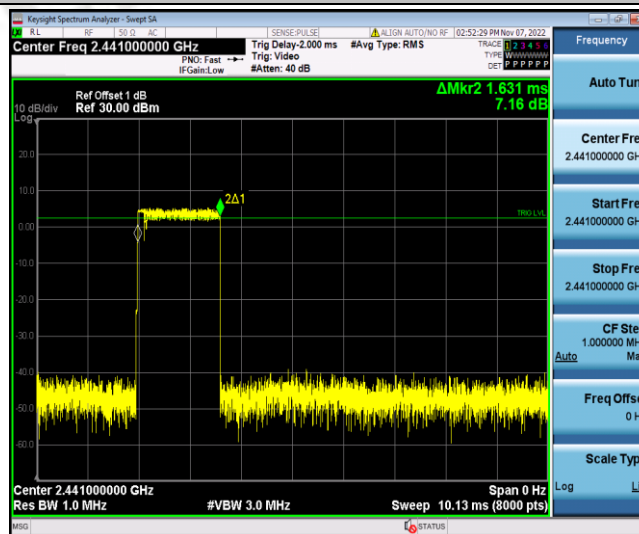
DH5_Ant1_Hop



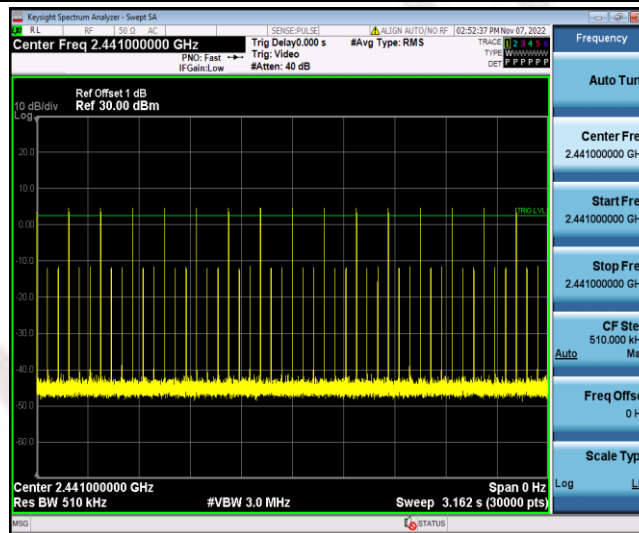
2DH1_Ant1_Hop



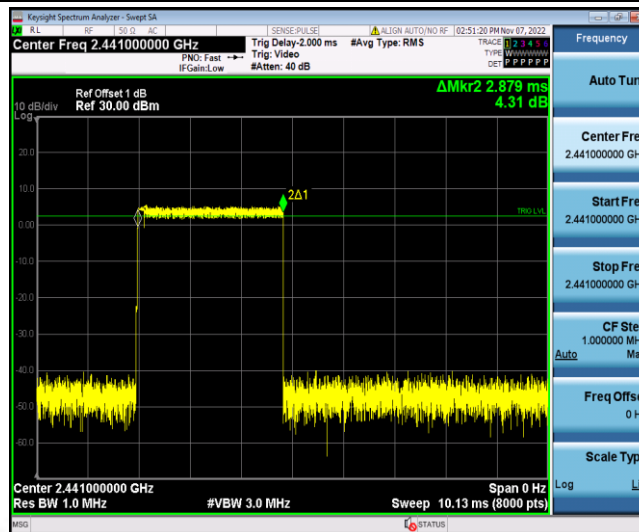
2DH1_Ant1_Hop



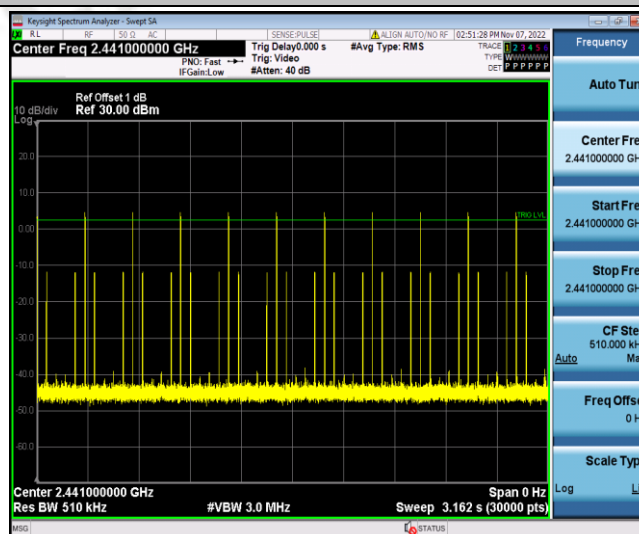
2DH3_Ant1_Hop



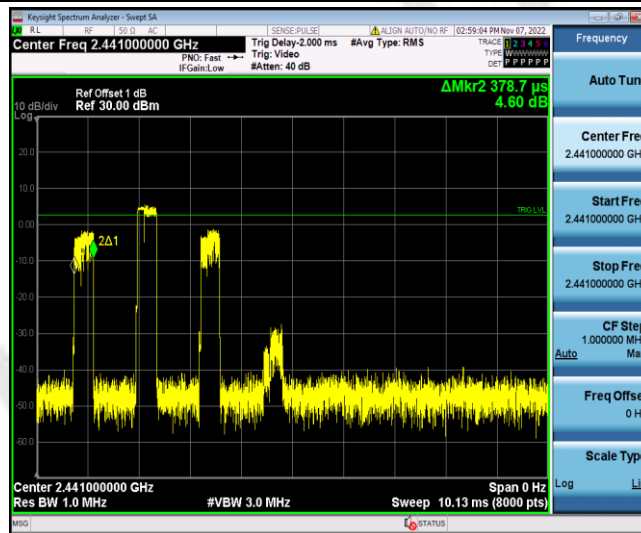
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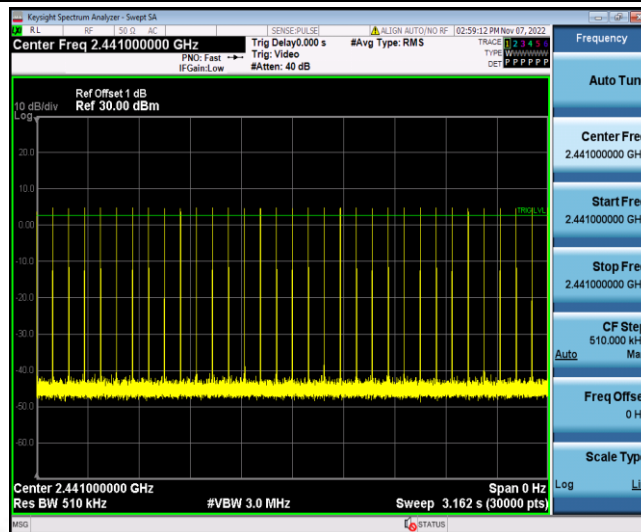
2DH5_Ant1_Hop



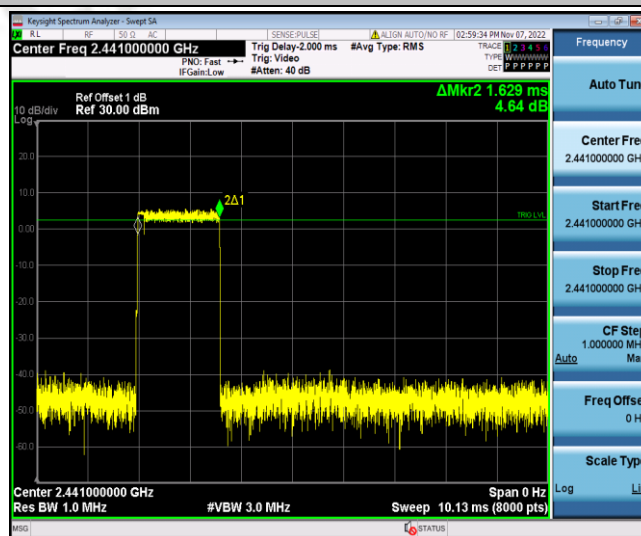
2DH5_Ant1_Hop



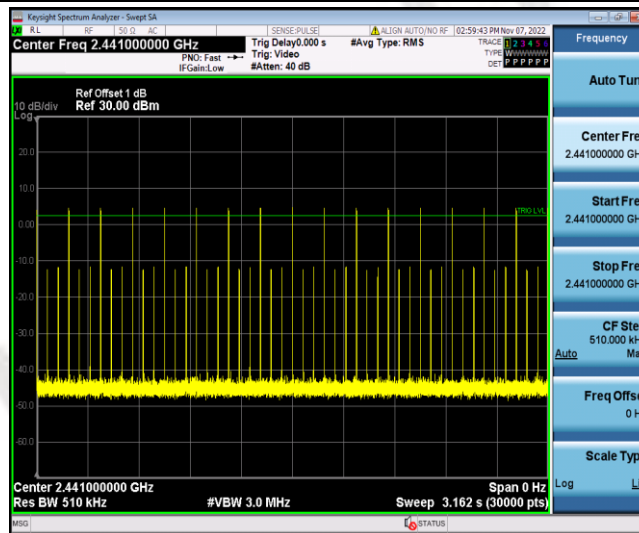
3DH1_Ant1_Hop



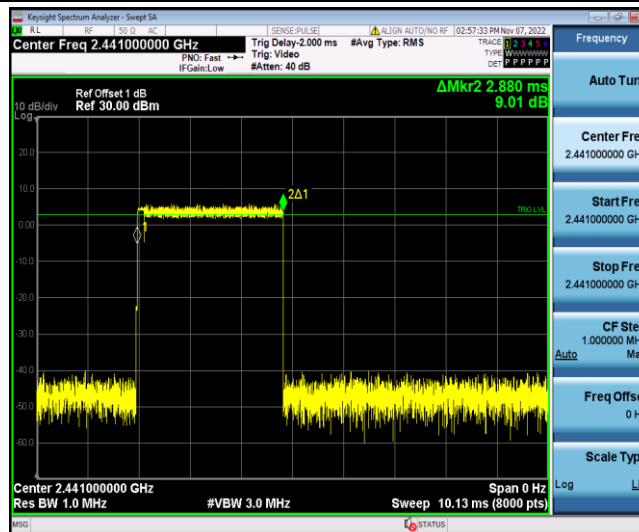
3DH1_Ant1_Hop



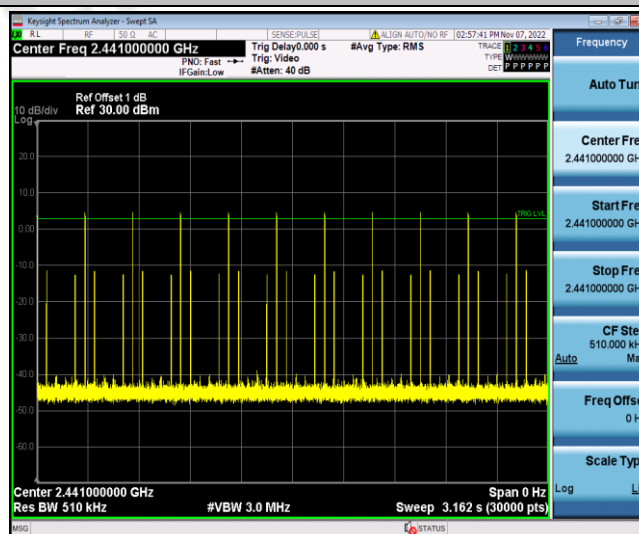
3DH3_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



3DH5_Ant1_Hop