



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: AMD R1505G/R1305G Player

Test Model: SMPA

Environmental Conditions

Temperature:	21.1 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan



A.1 20dB Emission Bandwidth

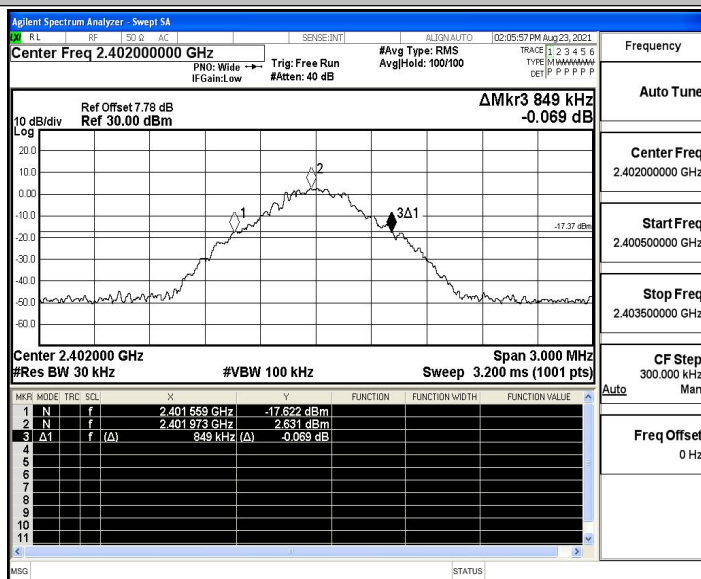
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.849	2401.559	2402.408	---	PASS
		2441	0.852	2440.565	2441.417	---	PASS
		2480	0.855	2479.556	2480.411	---	PASS
2DH5	Ant1	2402	1.278	2401.370	2402.648	---	PASS
		2441	1.269	2440.370	2441.639	---	PASS
		2480	1.296	2479.358	2480.654	---	PASS
3DH5	Ant1	2402	1.296	2401.349	2402.645	---	PASS
		2441	1.302	2440.349	2441.651	---	PASS
		2480	1.269	2479.355	2480.624	---	PASS

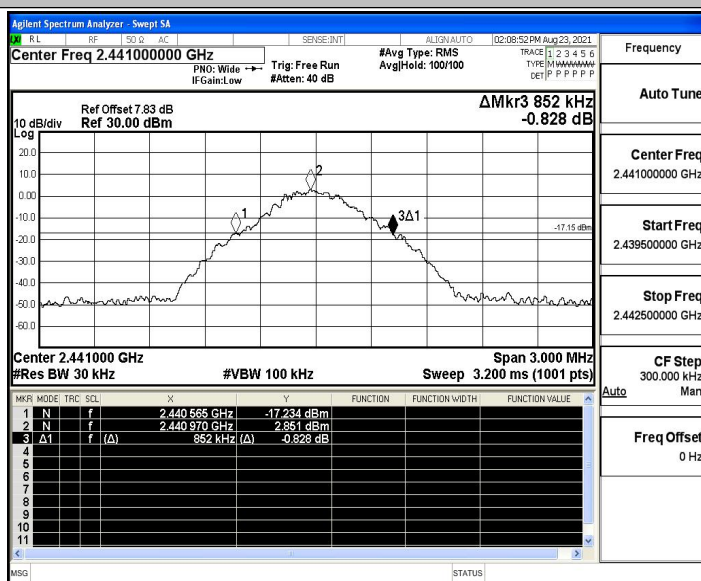


Test Graphs

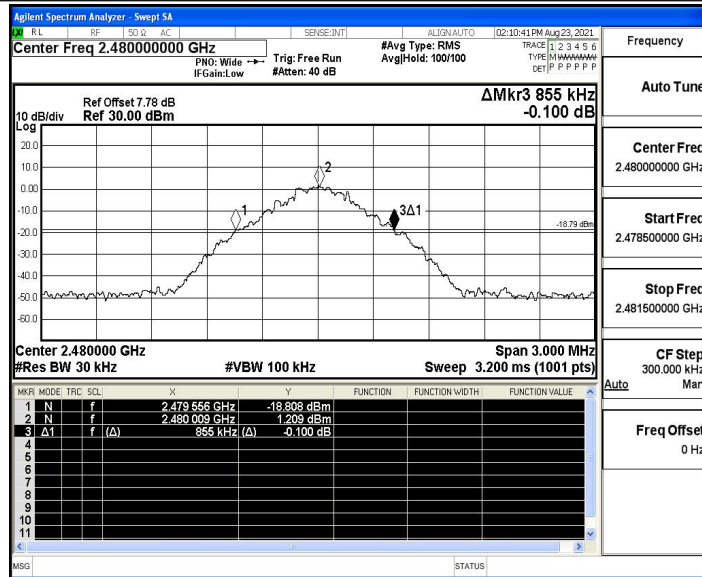
DH5_Ant1_2402



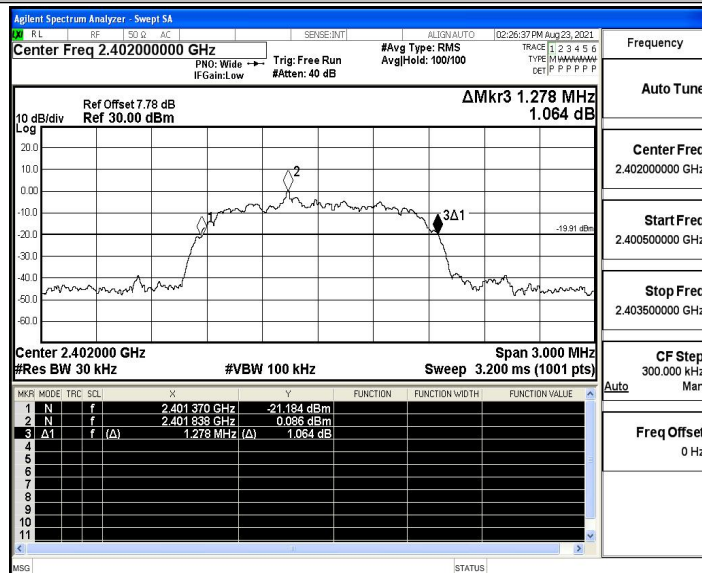
DH5_Ant1_2441



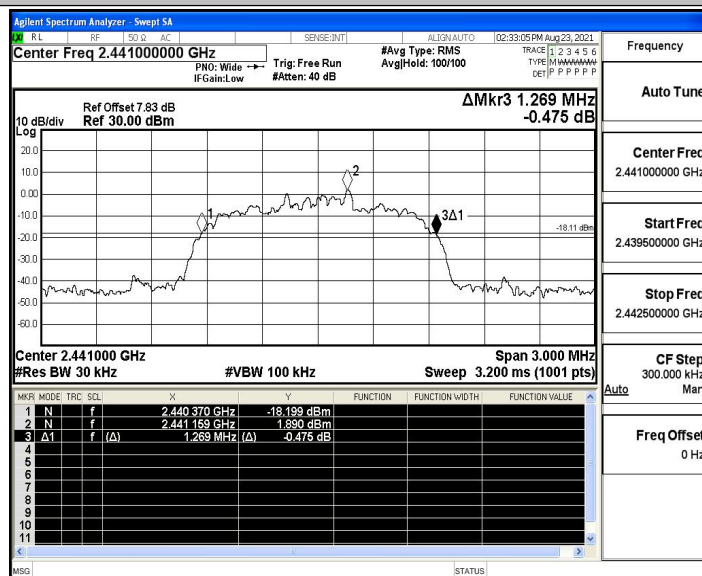
DH5_Ant1_2480

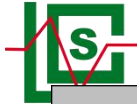


2DH5_Ant1_2402

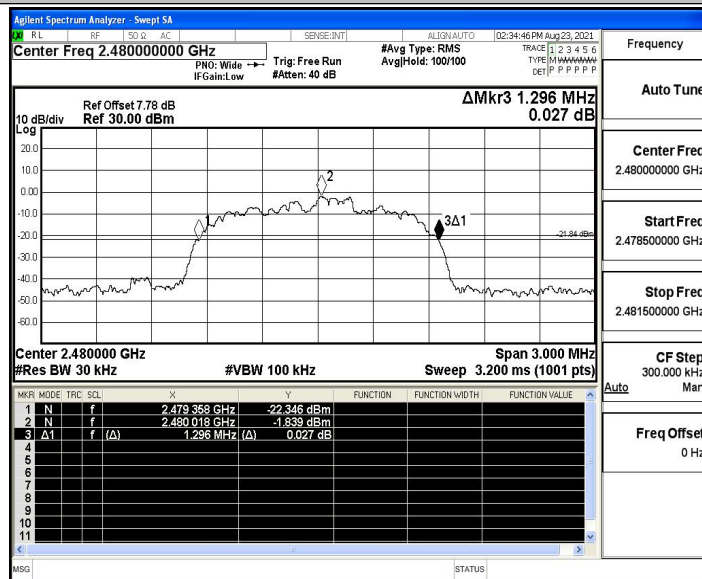


2DH5_Ant1_2441

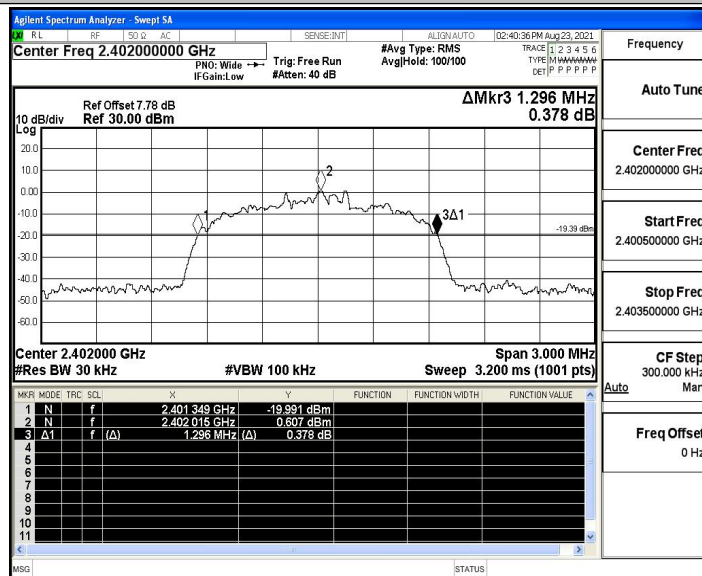




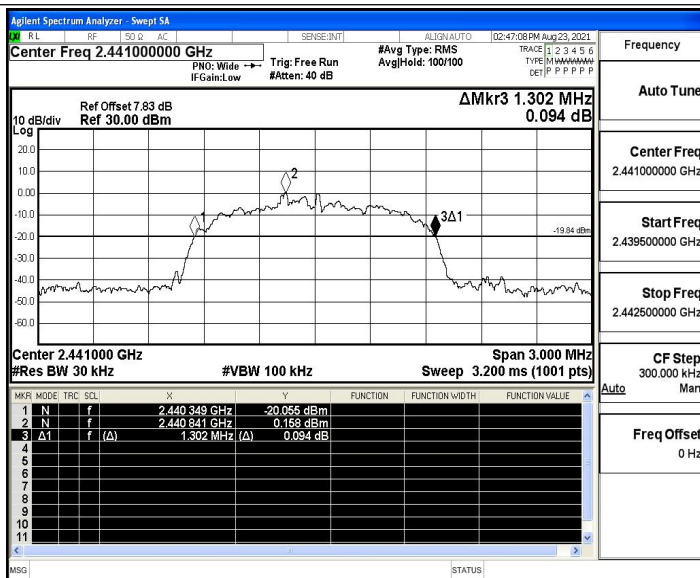
2DH5_Ant1_2480



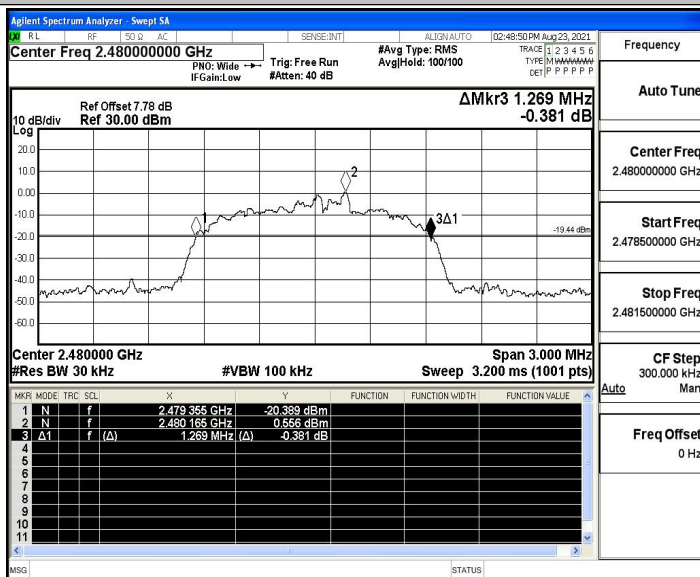
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum conducted output power

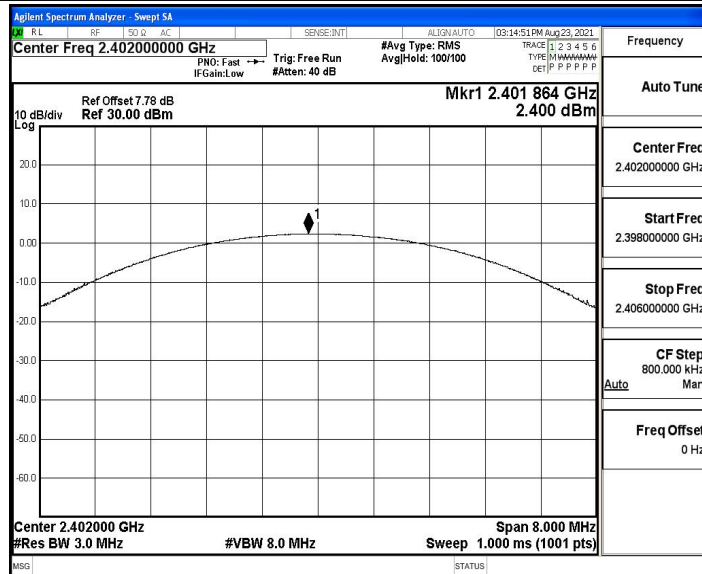
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.4	≤30	PASS
		2441	2.74	≤30	PASS
		2480	2.64	≤30	PASS
2DH5	Ant1	2402	3.34	≤20.97	PASS
		2441	3.68	≤20.97	PASS
		2480	2.01	≤20.97	PASS
3DH5	Ant1	2402	3.33	≤20.97	PASS
		2441	3.62	≤20.97	PASS
		2480	2.01	≤20.97	PASS

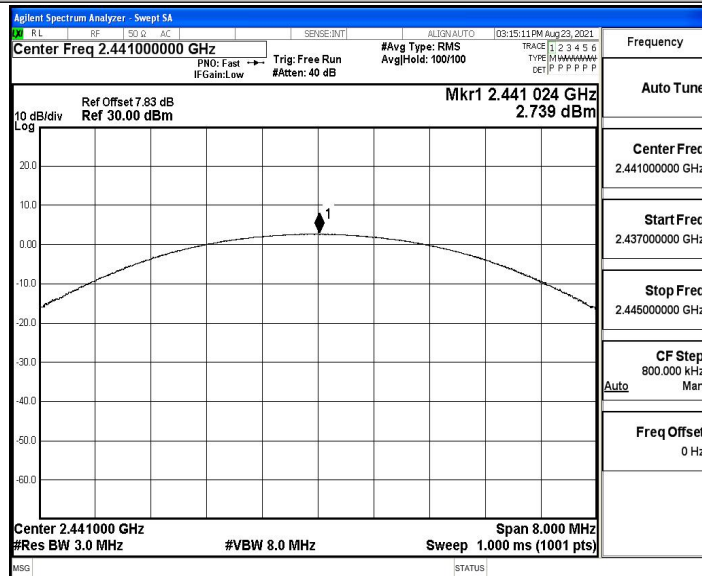


Test Graphs

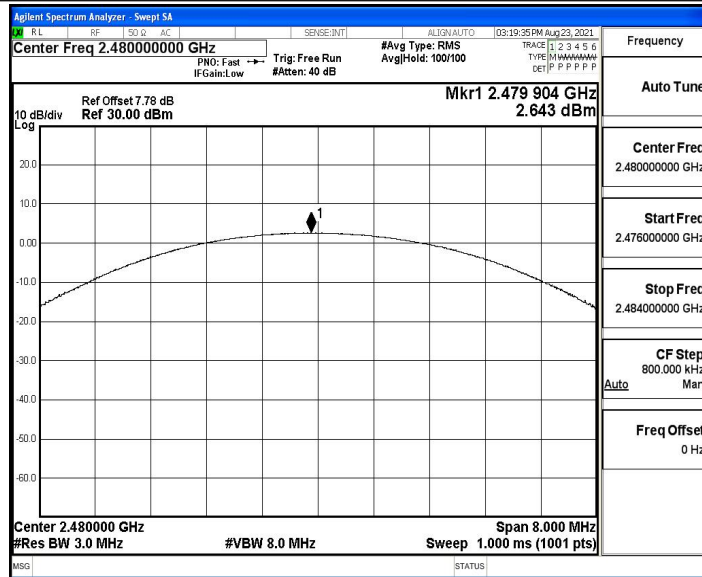
DH5_Ant1_2402



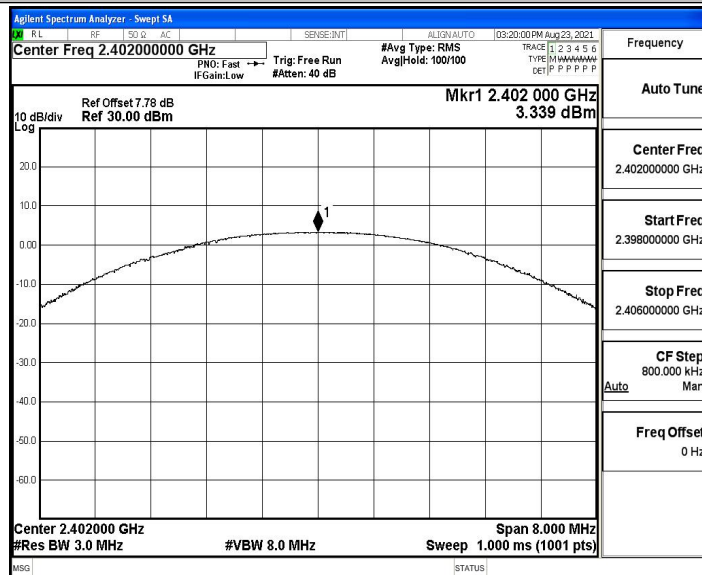
DH5_Ant1_2441



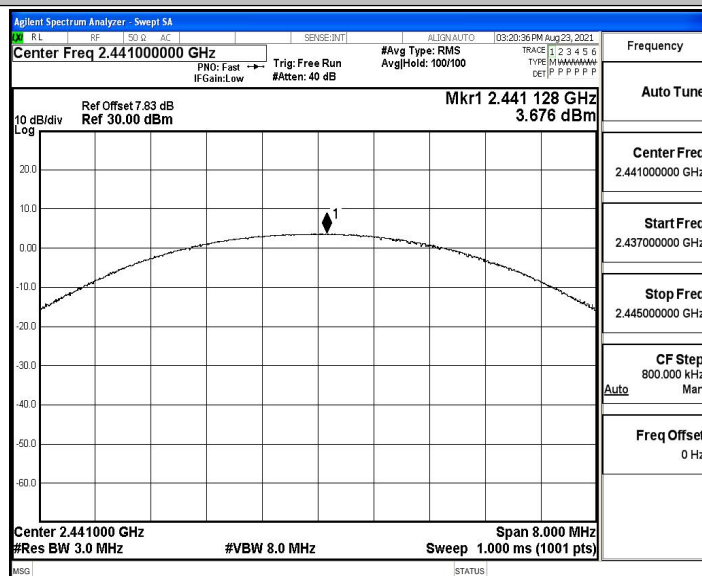
DH5_Ant1_2480



2DH5_Ant1_2402

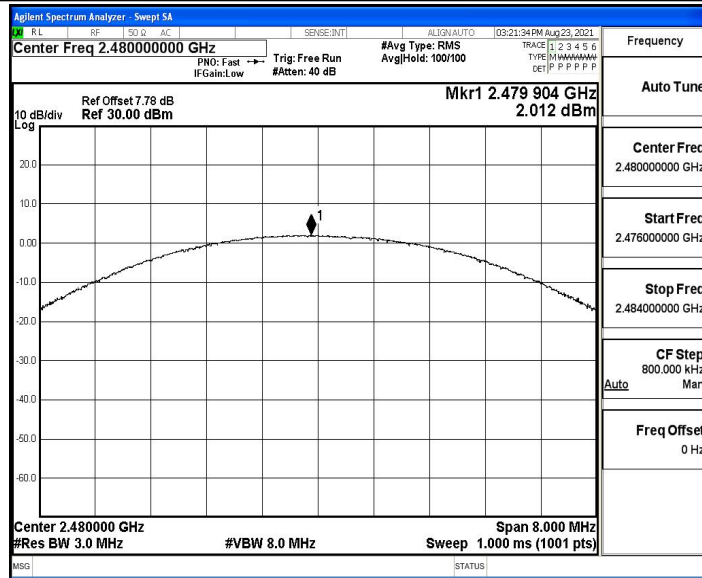


2DH5_Ant1_2441

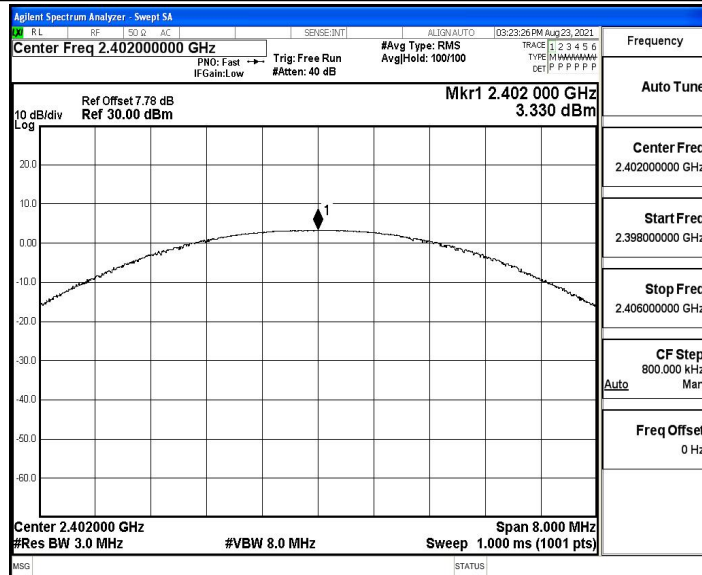




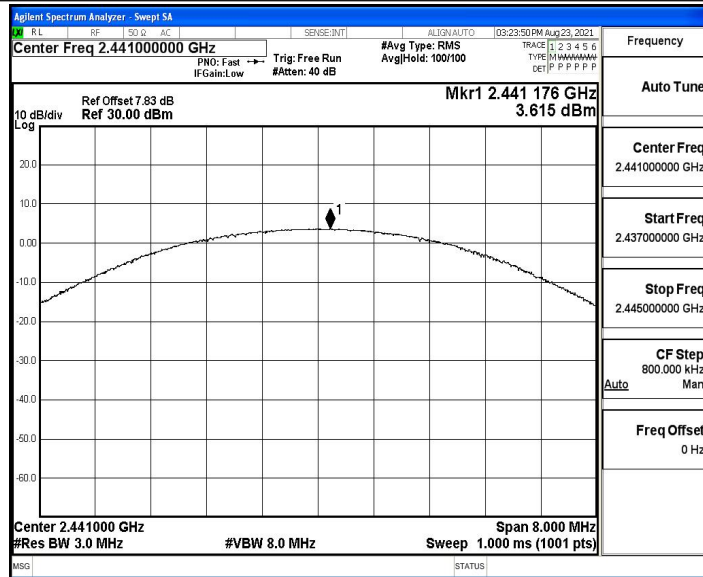
2DH5_Ant1_2480



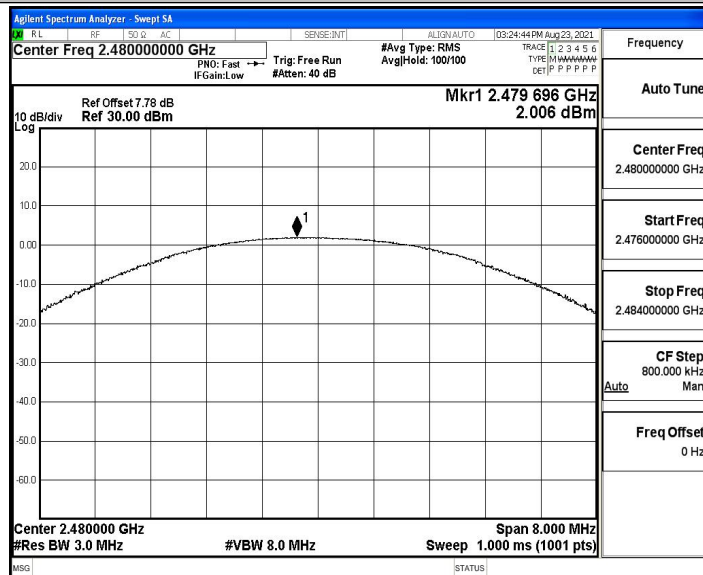
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

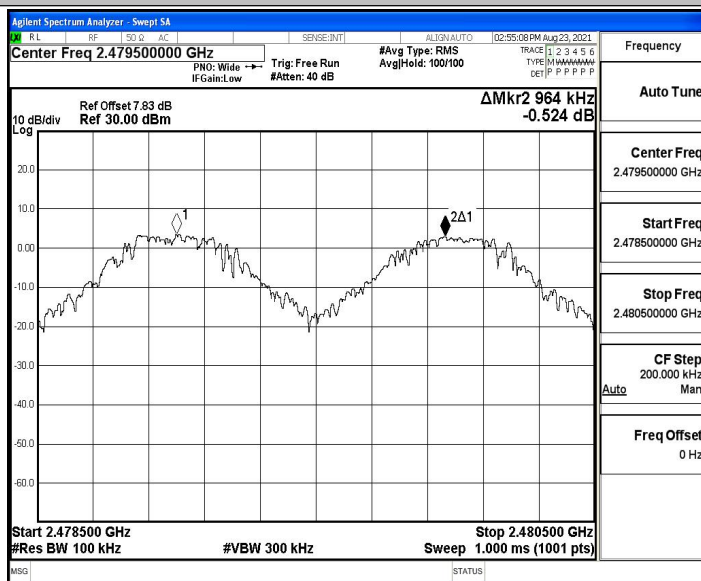
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.964	≥0.855	PASS
2DH5	Ant1	Hop	0.942	≥0.864	PASS
3DH5	Ant1	Hop	1.088	≥0.868	PASS

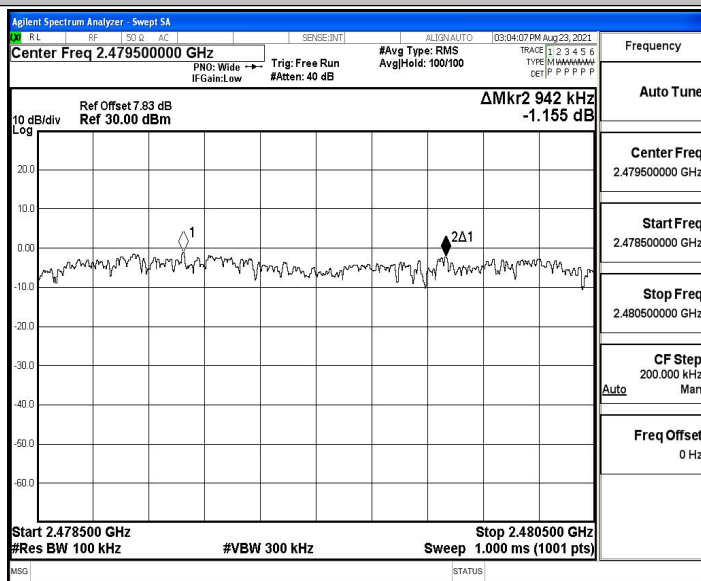


Test Graphs

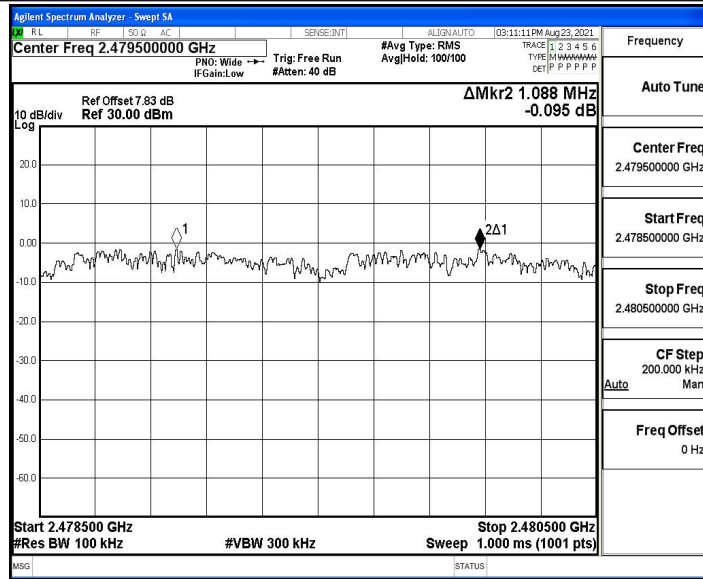
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

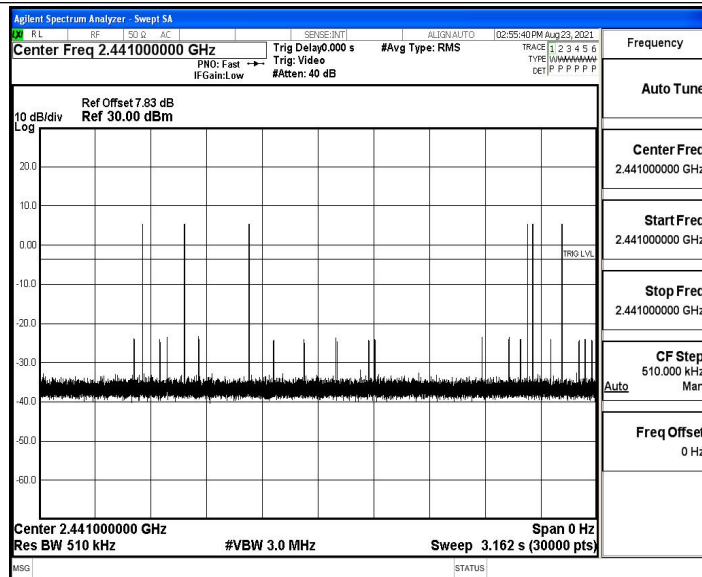
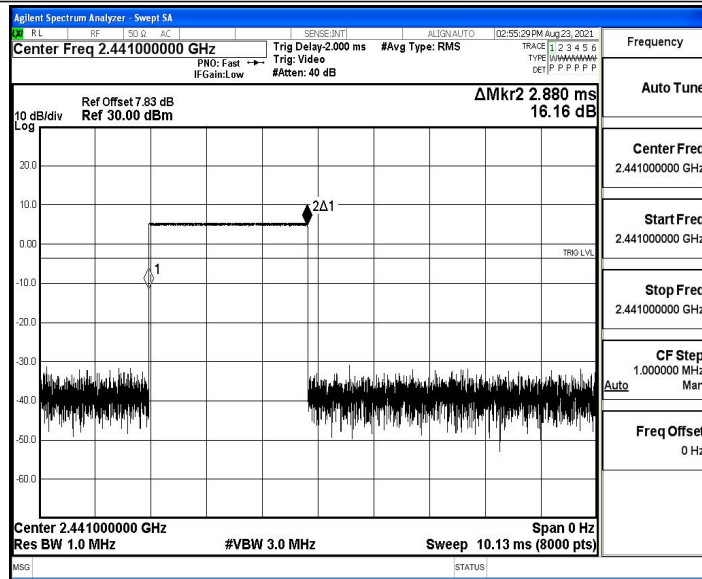
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	70	0.202	≤0.4	PASS
2DH5	Ant1	Hop	2.88	90	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.89	100	0.289	≤0.4	PASS

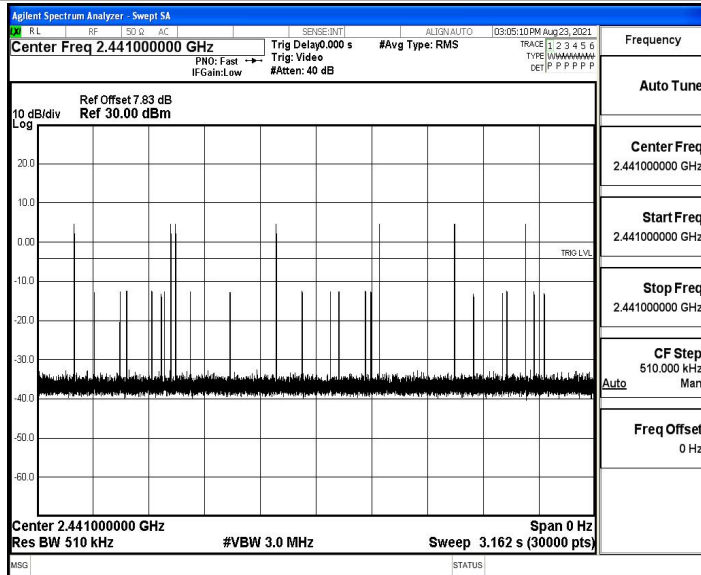
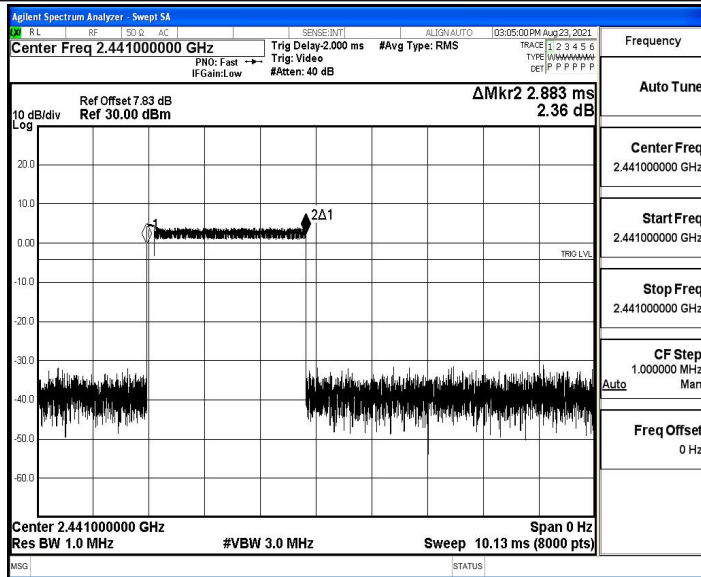


Test Graphs

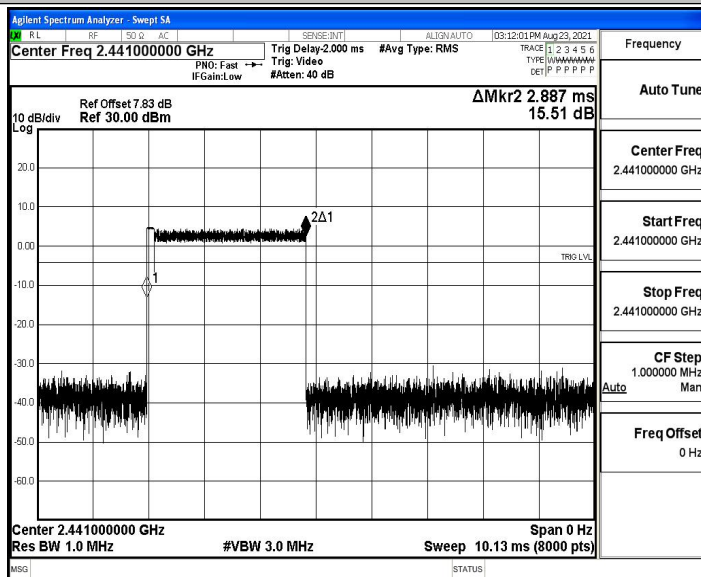
DH5_Ant1_Hop

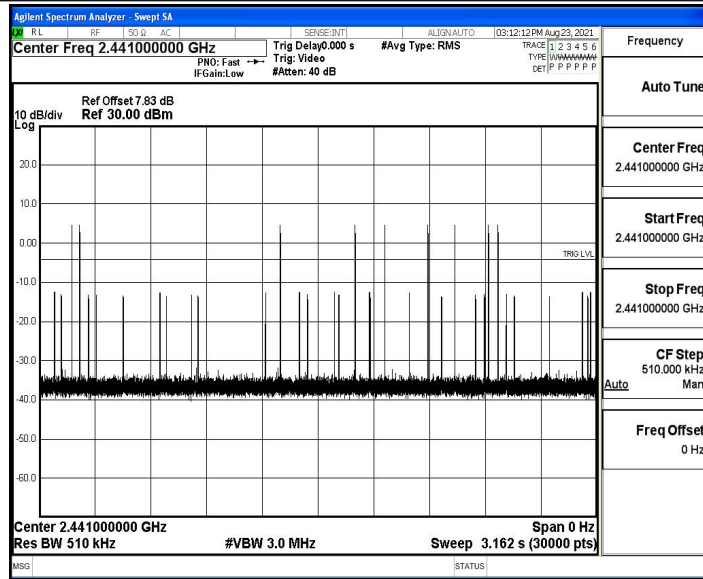


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.5 Number of hopping channels

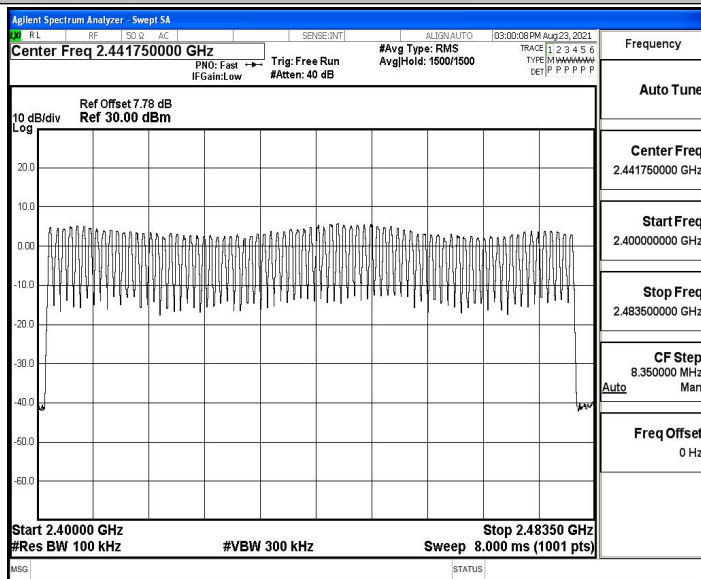
Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

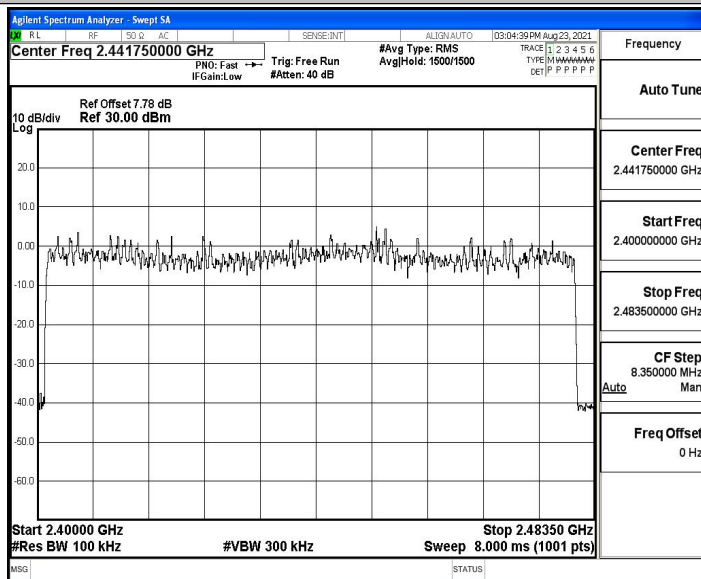


Test Graphs

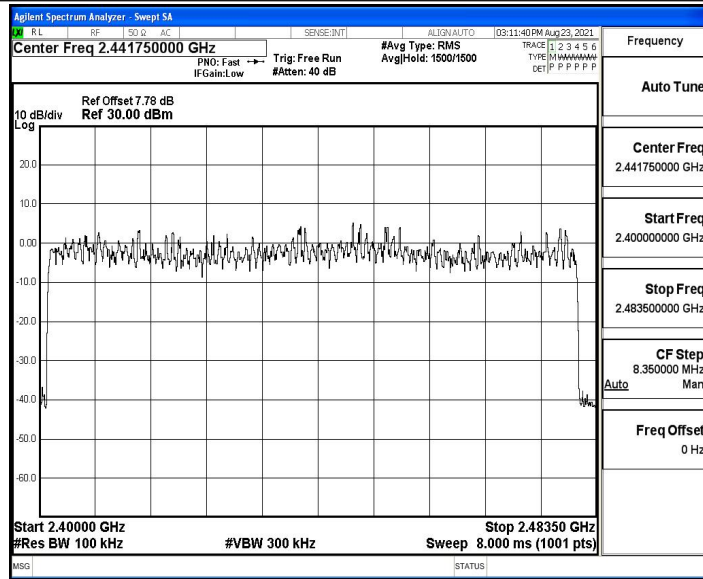
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

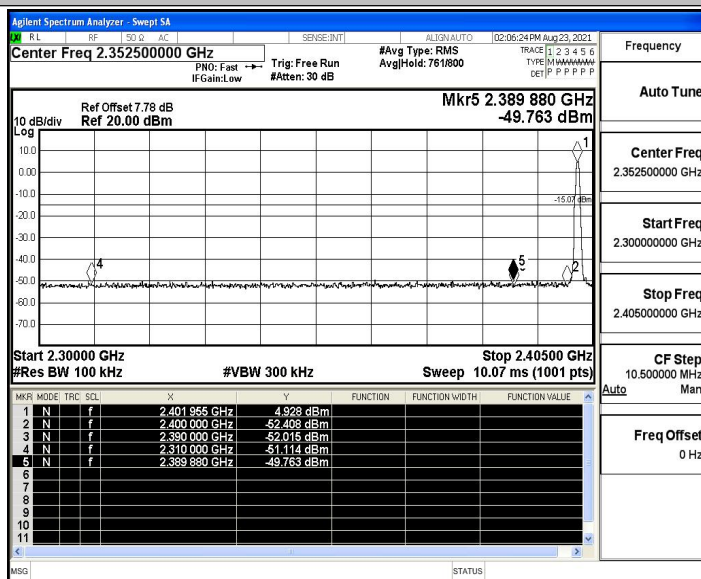
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.93	-49.76	≤ -15.07	PASS
		High	2480	3.60	-48.44	≤ -16.4	PASS
		Low	Hop_2402	4.52	-49.47	≤ -15.48	PASS
		High	Hop_2480	3.62	-48.51	≤ -16.38	PASS
2DH5	Ant1	Low	2402	3.96	-49.35	≤ -16.04	PASS
		High	2480	3.04	-47.91	≤ -16.96	PASS
		Low	Hop_2402	-1.14	-49.41	≤ -21.14	PASS
		High	Hop_2480	2.82	-48.9	≤ -17.18	PASS
3DH5	Ant1	Low	2402	4.38	-49.43	≤ -15.62	PASS
		High	2480	2.67	-48.5	≤ -17.33	PASS
		Low	Hop_2402	-0.56	-49.34	≤ -20.56	PASS
		High	Hop_2480	1.81	-47.24	≤ -18.19	PASS

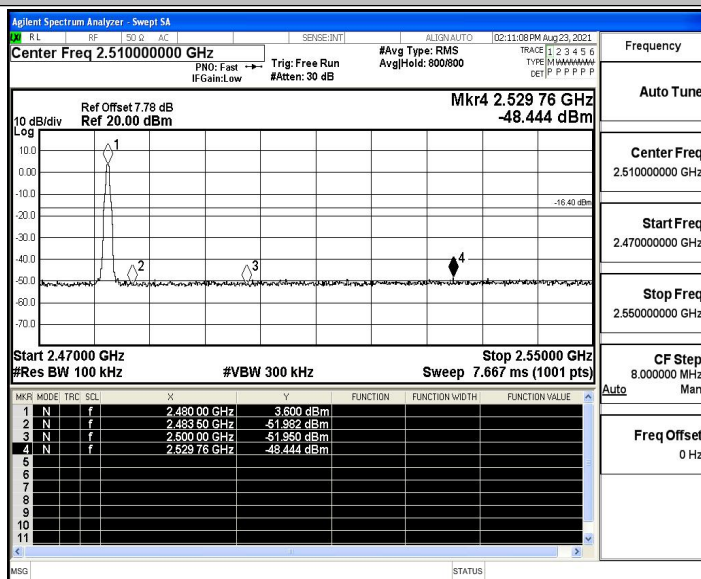


Test Graphs

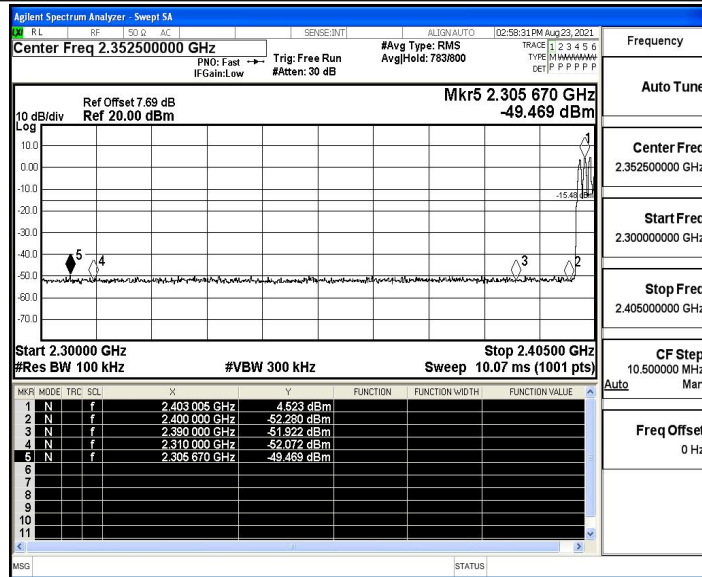
DH5_Ant1_Low_2402



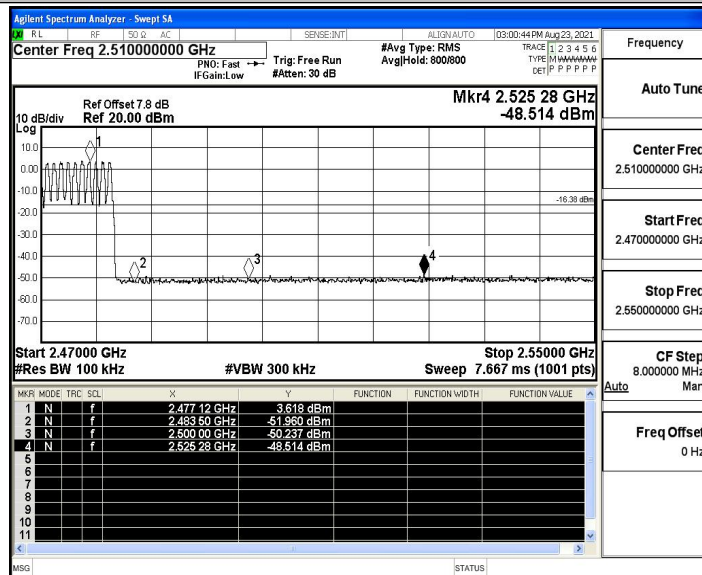
DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

