

Appendix A

RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Tablet PC

Trade Mark: KRONO

Test Model: ULTRA

FCC ID: 2AFD9ULTRA

Environmental Conditions

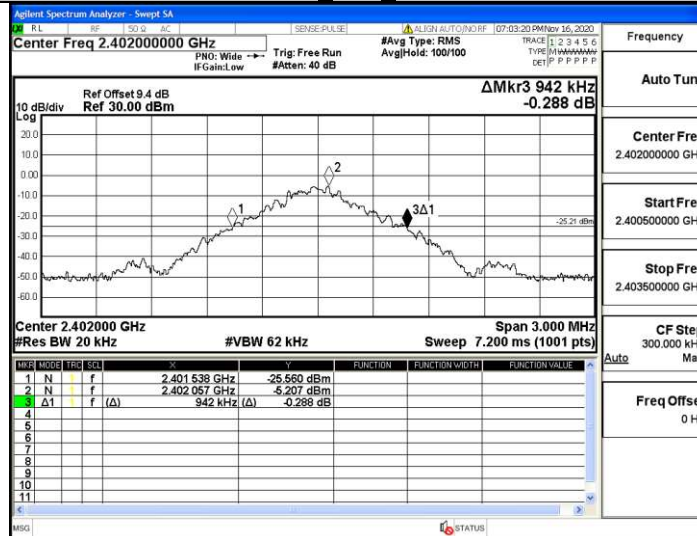
Temperature:	22.8° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

A.1 20 dB Bandwidth

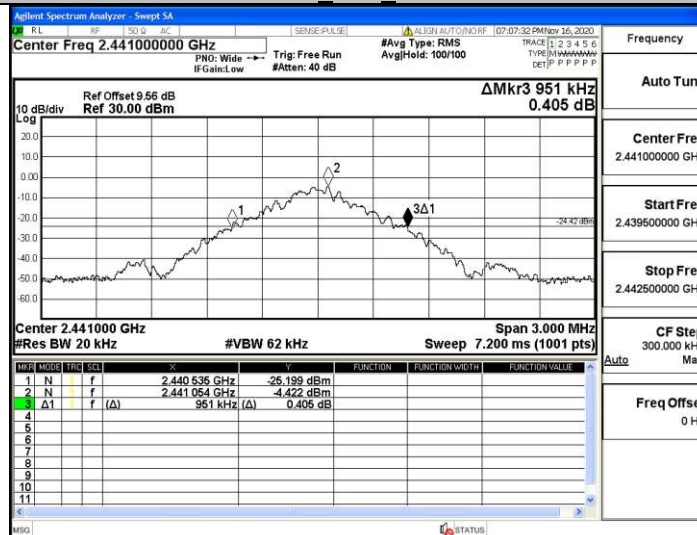
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.538	2402.480	---	PASS
		2441	0.951	2440.535	2441.486	---	PASS
		2480	0.942	2479.538	2480.480	---	PASS
2DH5	Ant1	2402	1.323	2401.334	2402.657	---	PASS
		2441	1.314	2440.337	2441.651	---	PASS
		2480	1.320	2479.337	2480.657	---	PASS
3DH5	Ant1	2402	1.299	2401.343	2402.642	---	PASS
		2441	1.266	2440.355	2441.621	---	PASS
		2480	1.314	2479.340	2480.654	---	PASS

Test Graph

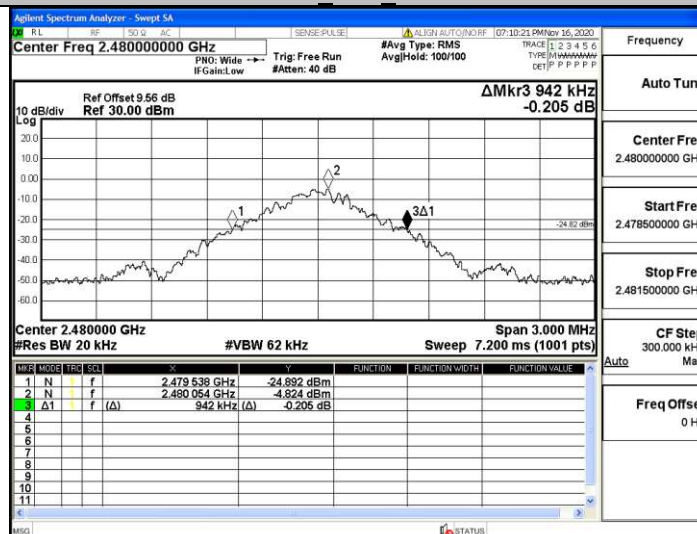
DH5_Ant1_2402



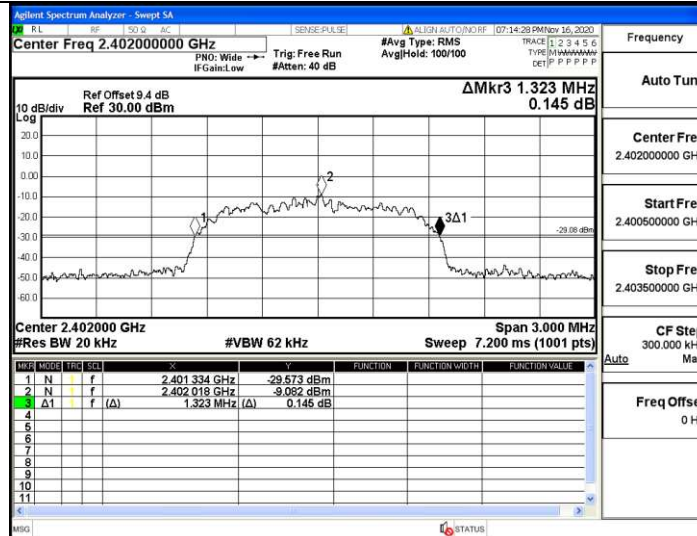
DH5_Ant1_2441



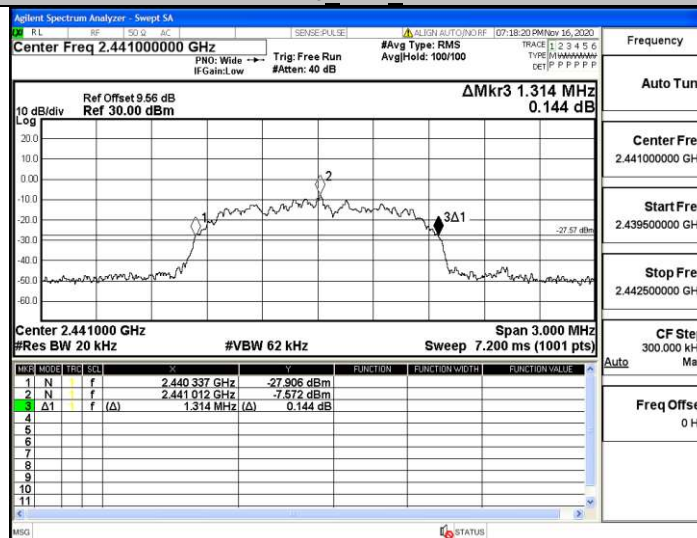
DH5_Ant1_2480



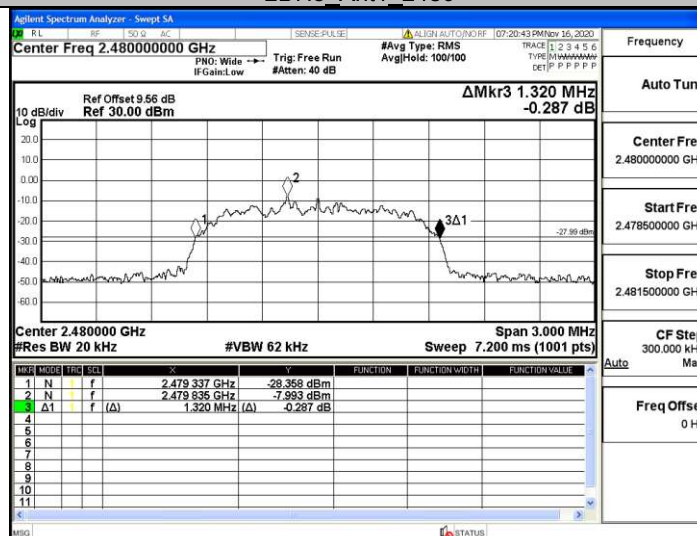
2DH5_Ant1_2402



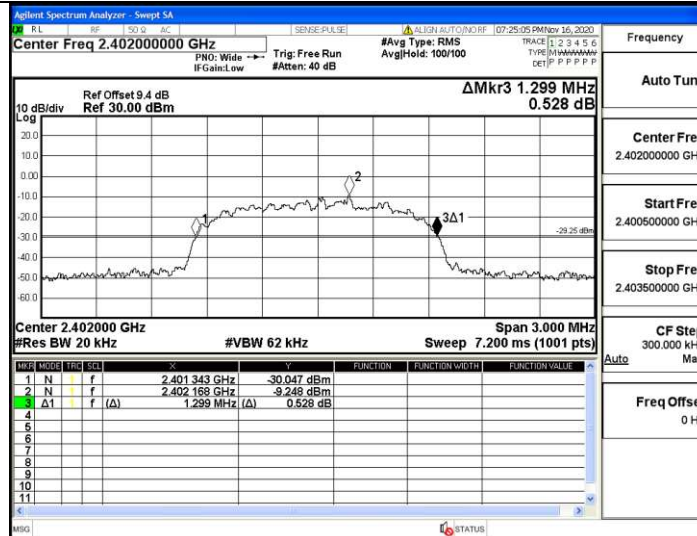
2DH5 Ant1 2441



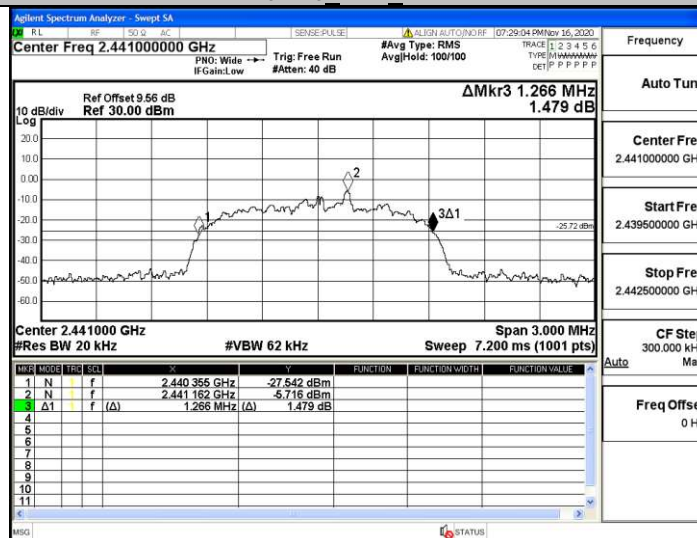
2DH5 Ant1 2480



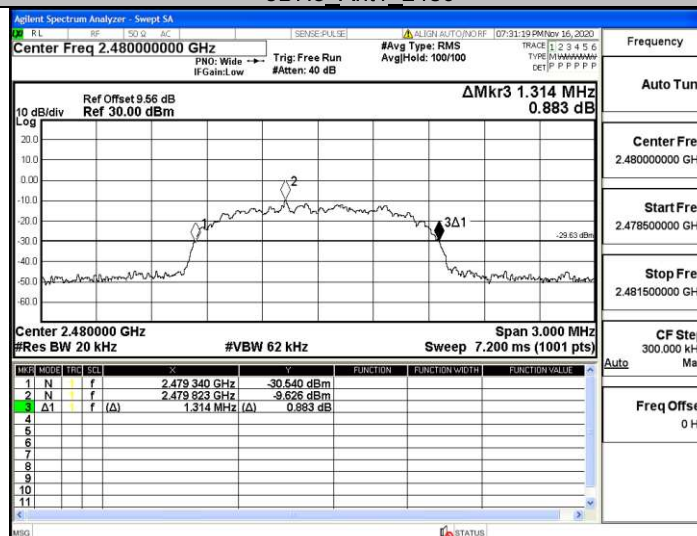
3DH5 Ant1 2402



3DH5_Ant1_2441



3DH5_Ant1_2480

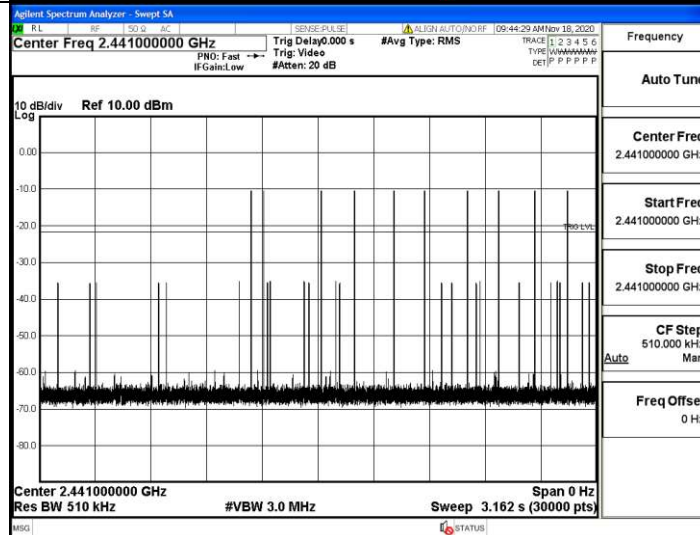
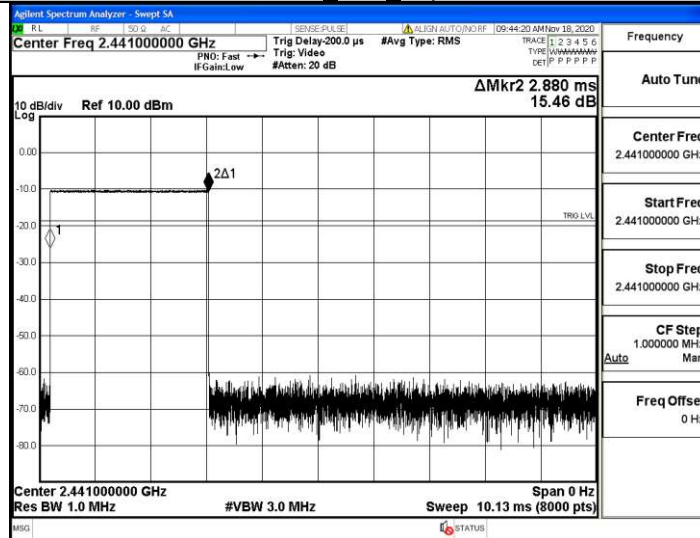


A.2 Dwell Time

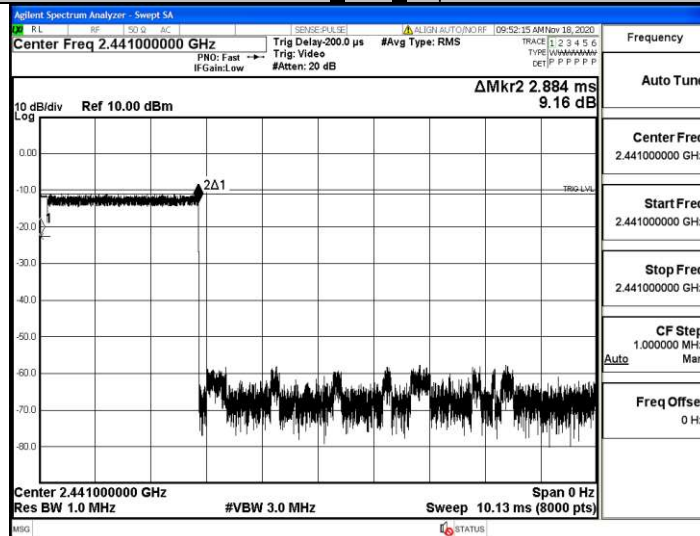
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	120	0.346	<=0.4	PASS
2DH5	Ant1	Hop	2.88	110	0.317	<=0.4	PASS
3DH5	Ant1	Hop	2.88	80	0.231	<=0.4	PASS

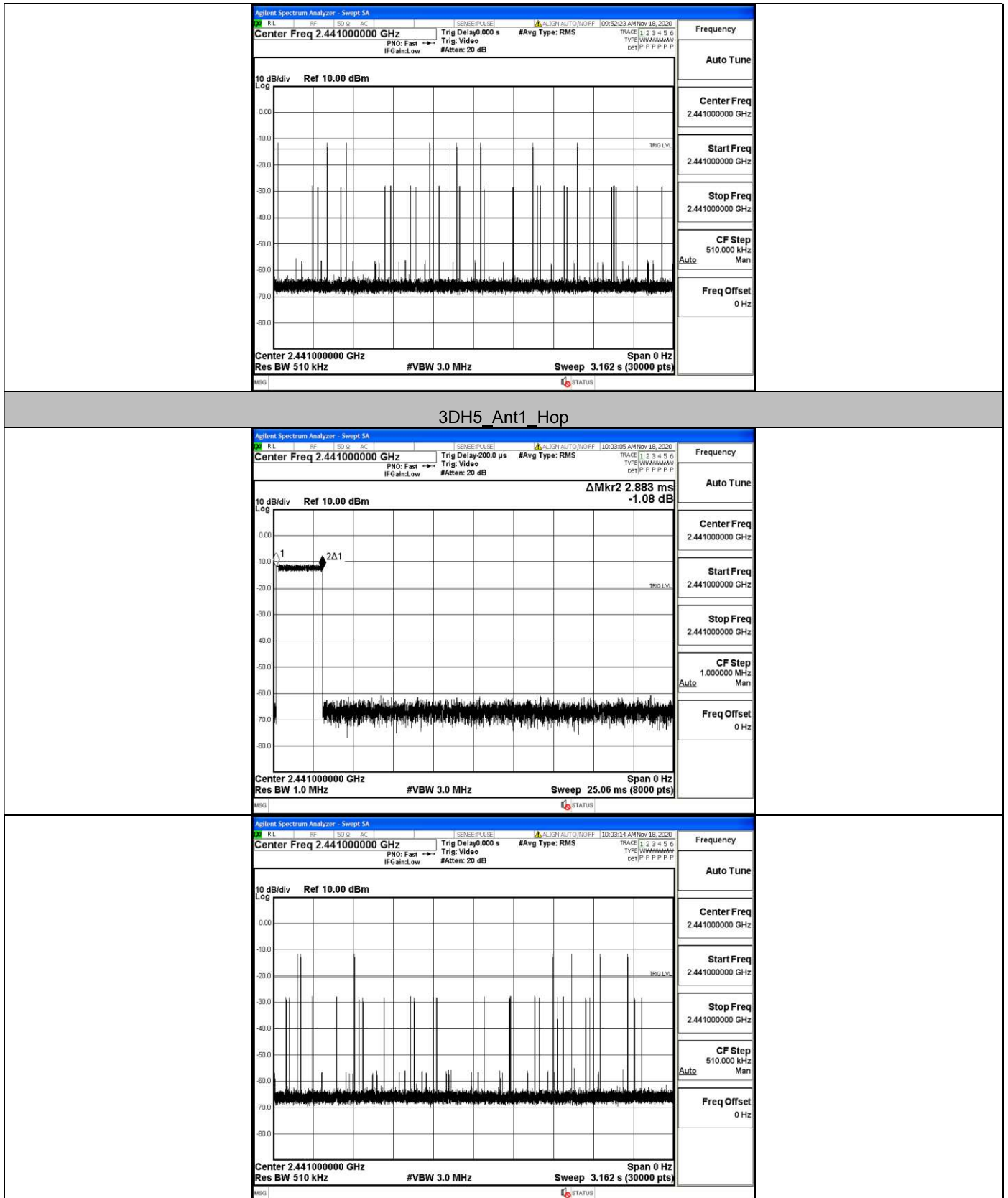
Test Graph

DH5_Ant1_Hop



2DH5_Ant1_Hop



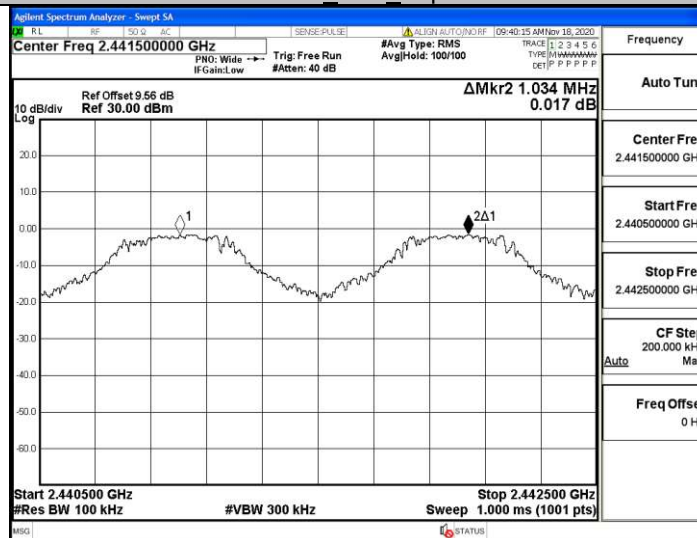


A.3 Carrier Frequency Separation

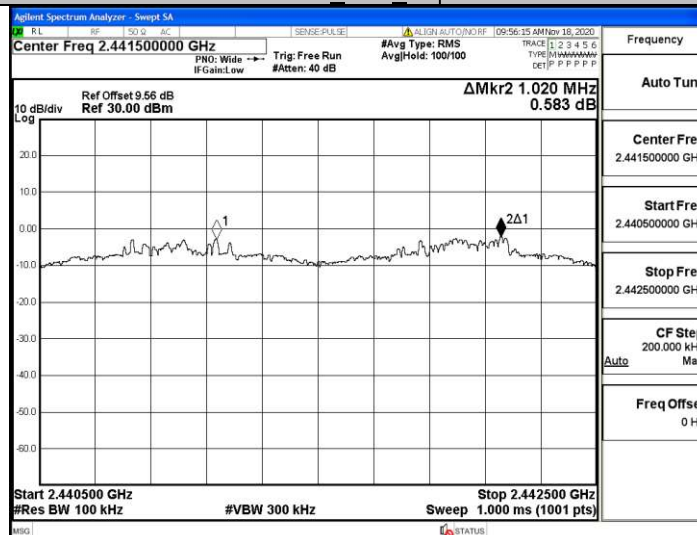
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.034	≥ 0.804	PASS
2DH5	Ant1	Hop	1.02	≥ 0.882	PASS
3DH5	Ant1	Hop	1.028	≥ 0.852	PASS

Test Graph

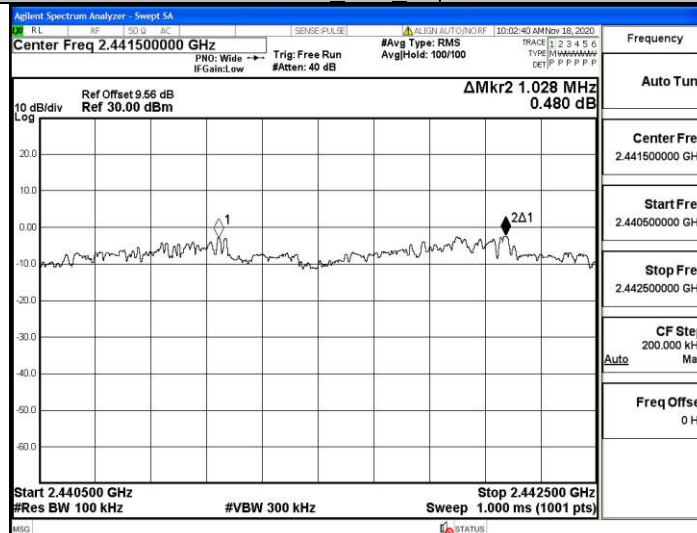
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

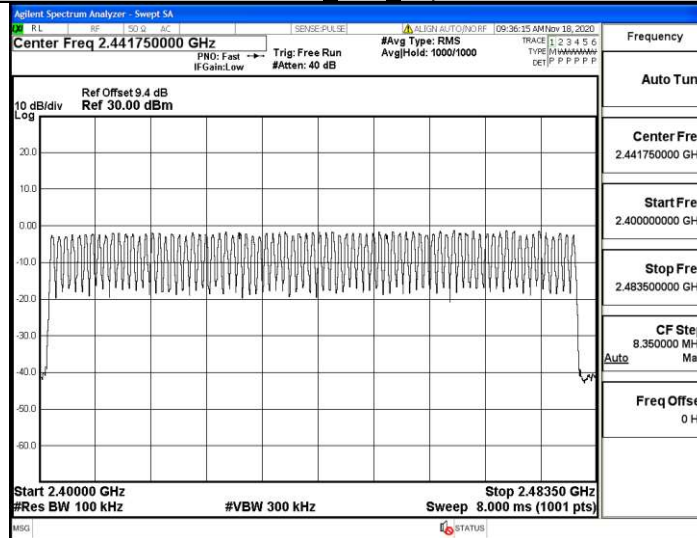


A.4 Hopping Channel Number

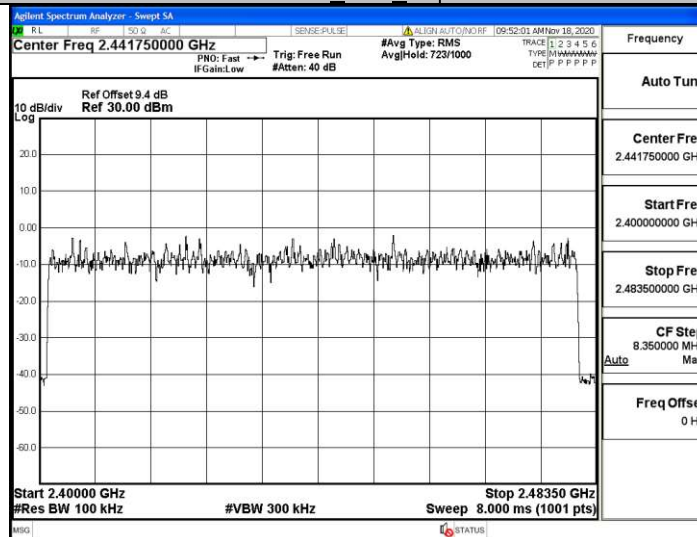
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	>=15	PASS
2DH5	Ant1	Hop	79	>=15	PASS
3DH5	Ant1	Hop	79	>=15	PASS

Test Graph

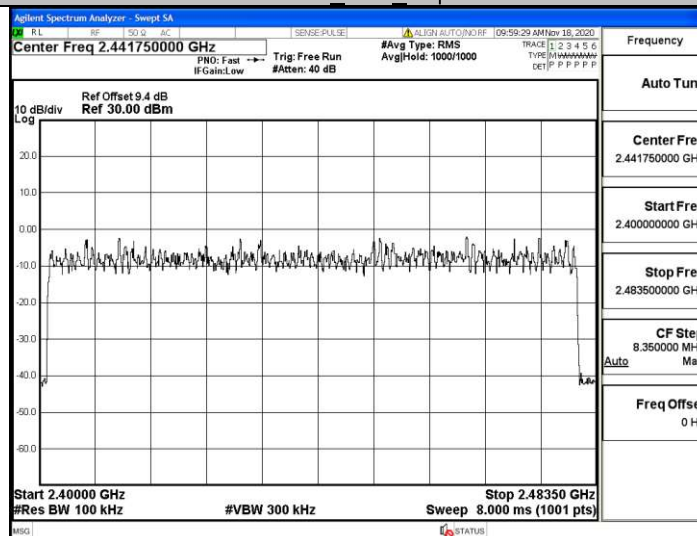
DH5_Ant1_Hop



2DH5_Ant1_Hop



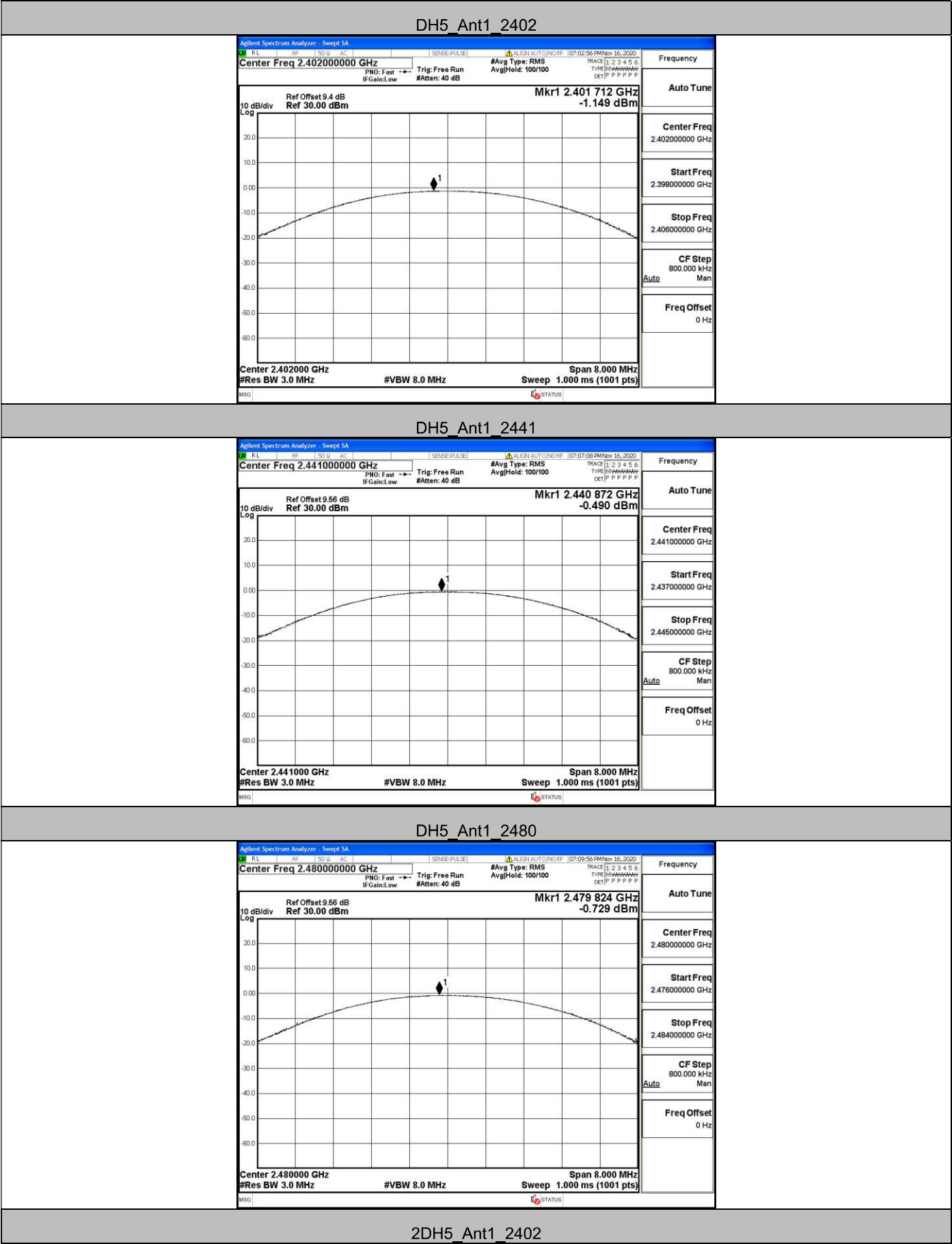
3DH5_Ant1_Hop

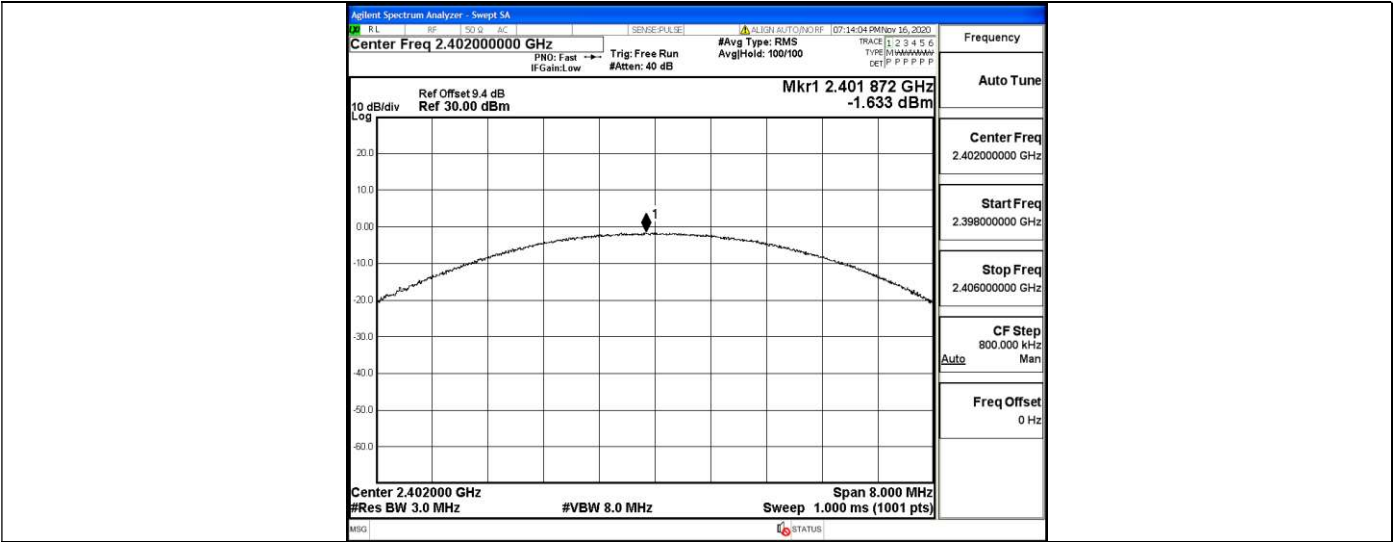


A.5 Conducted Peak Output Power

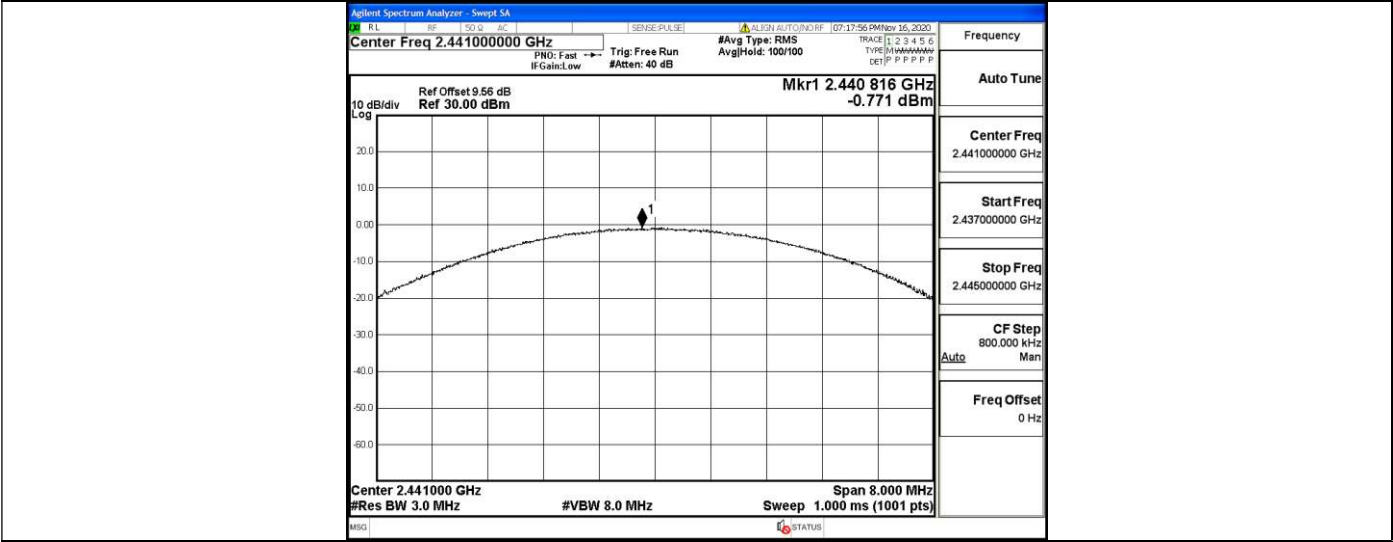
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.15	<=30	PASS
		2441	-0.49	<=30	PASS
		2480	-0.73	<=30	PASS
2DH5	Ant1	2402	-1.63	<=20.97	PASS
		2441	-0.77	<=20.97	PASS
		2480	-1.06	<=20.97	PASS
3DH5	Ant1	2402	-1.43	<=20.97	PASS
		2441	-0.73	<=20.97	PASS
		2480	-1.08	<=20.97	PASS

Test Graph

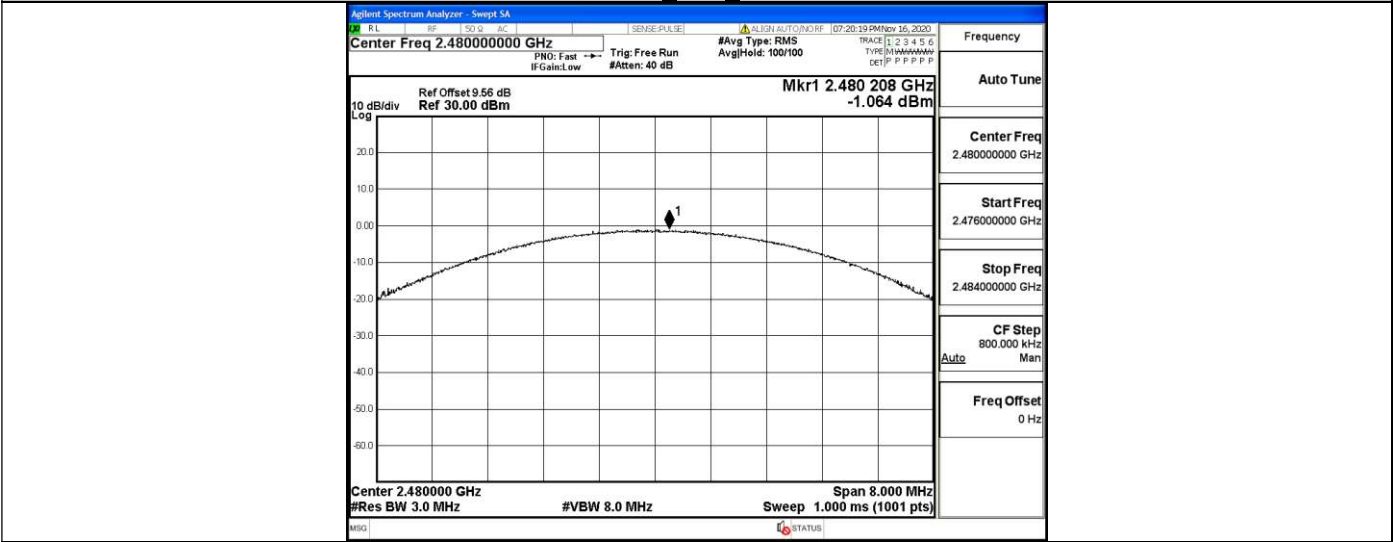




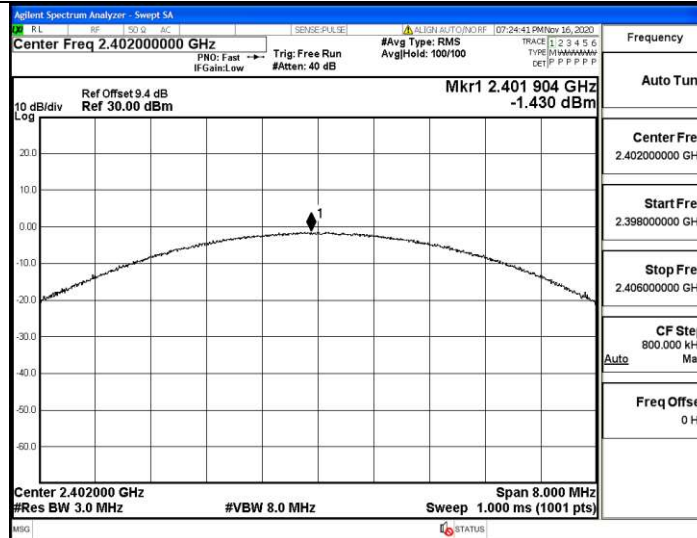
2DH5_Ant1_2441



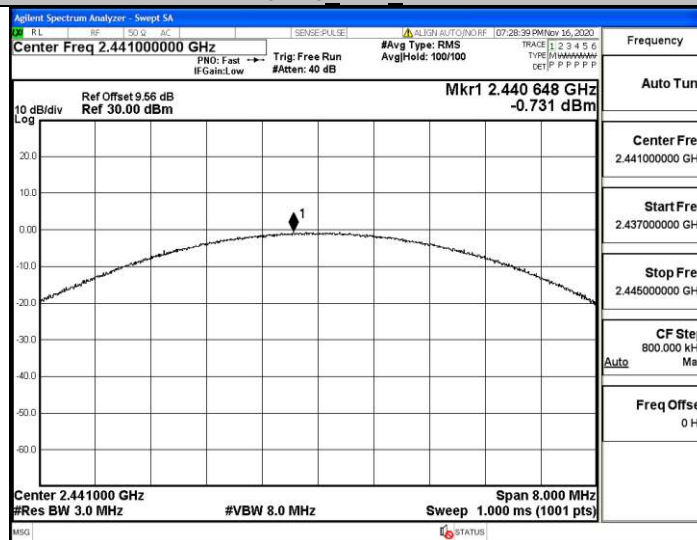
2DH5_Ant1_2480



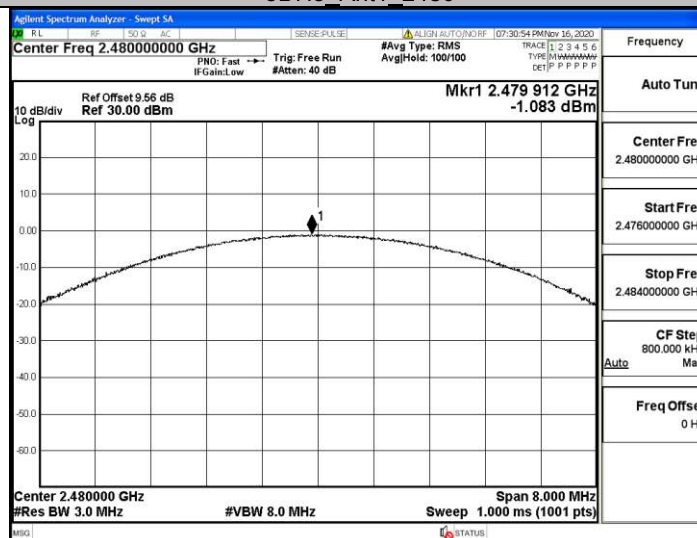
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

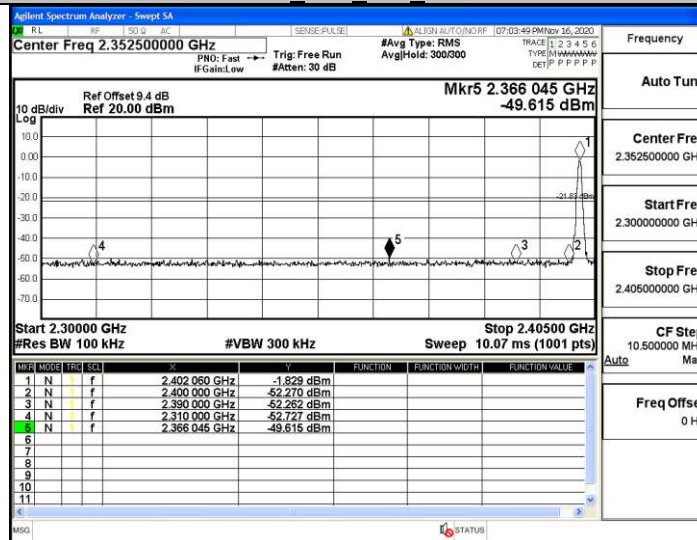


A.6 Band-edge for RF Conducted Emissions

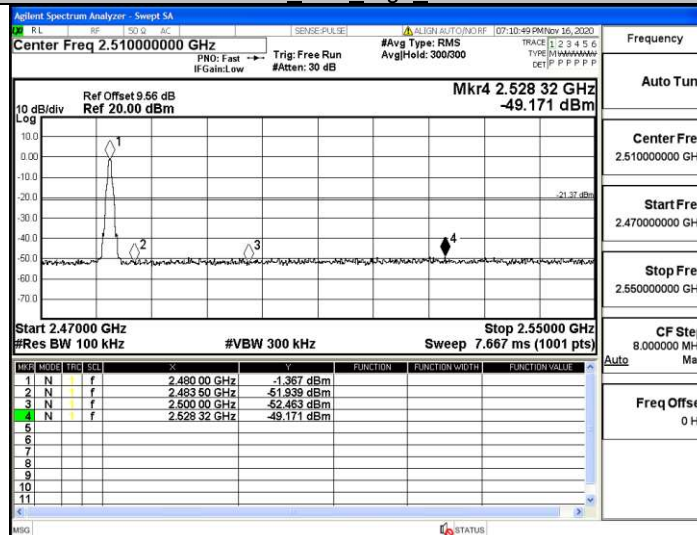
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.83	-49.62	<=-21.83	PASS
		High	2480	-1.37	-49.17	<=-21.37	PASS
		Low	Hop_2402	-2.96	-49.93	<=-22.96	PASS
		High	Hop_2480	-1.18	-49.03	<=-21.18	PASS
2DH5	Ant1	Low	2402	-3.23	-49.69	<=-23.23	PASS
		High	2480	-2.26	-48.38	<=-22.26	PASS
		Low	Hop_2402	-7.45	-50.38	<=-27.45	PASS
		High	Hop_2480	-1.95	-48.28	<=-21.95	PASS
3DH5	Ant1	Low	2402	-3.08	-49.31	<=-23.08	PASS
		High	2480	-2.77	-49.03	<=-22.77	PASS
		Low	Hop_2402	-4.82	-50.07	<=-24.82	PASS
		High	Hop_2480	-4.38	-48.39	<=-24.38	PASS

Test Graph

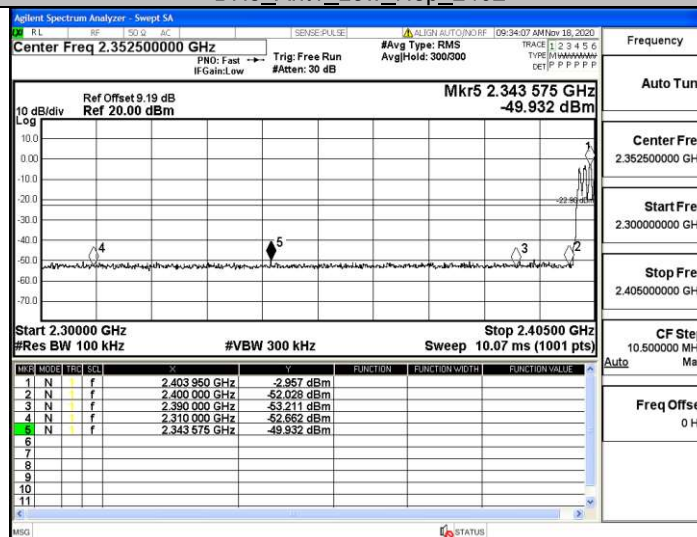
DH5_Ant1_Low_2402



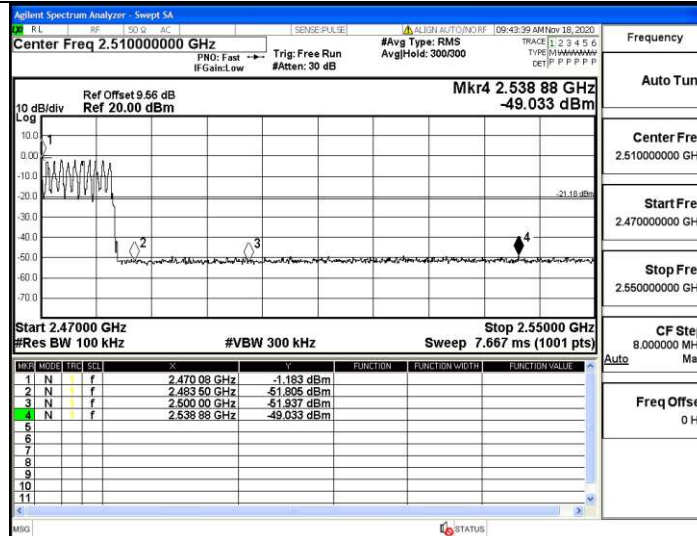
DH5_Ant1_High_2480



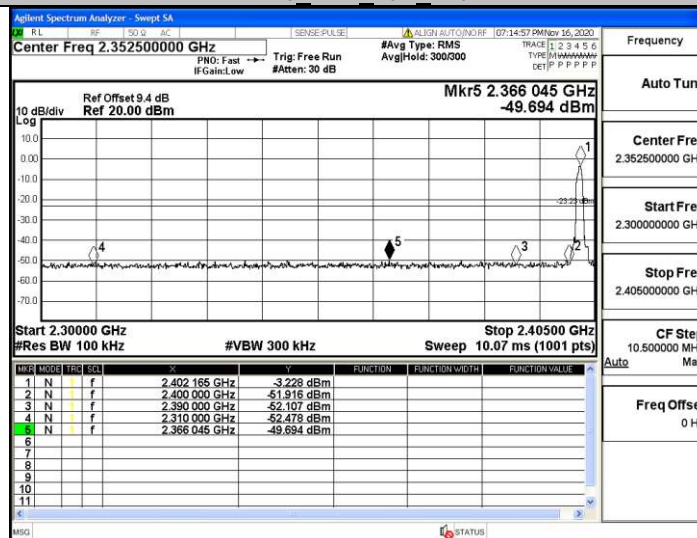
DH5_Ant1_Low_Hop_2402



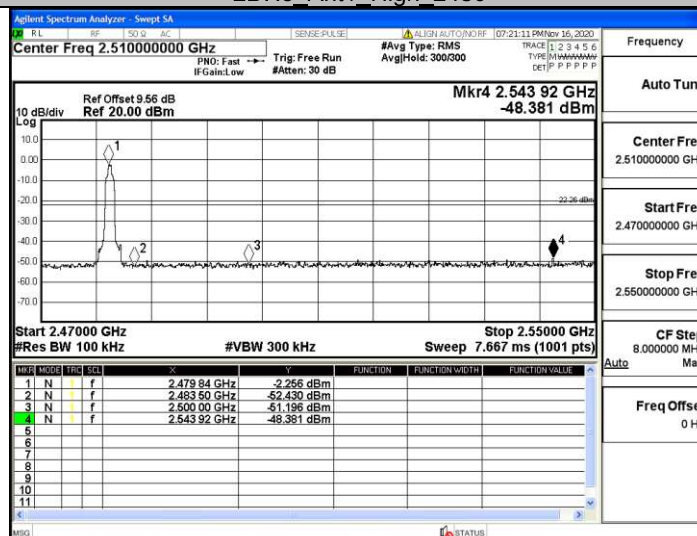
DH5_Ant1_High_Hop_2480



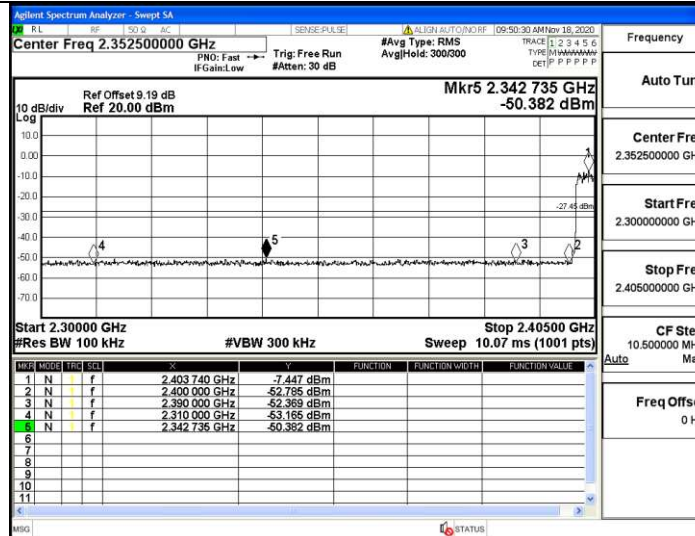
2DH5 Ant1 Low 2402



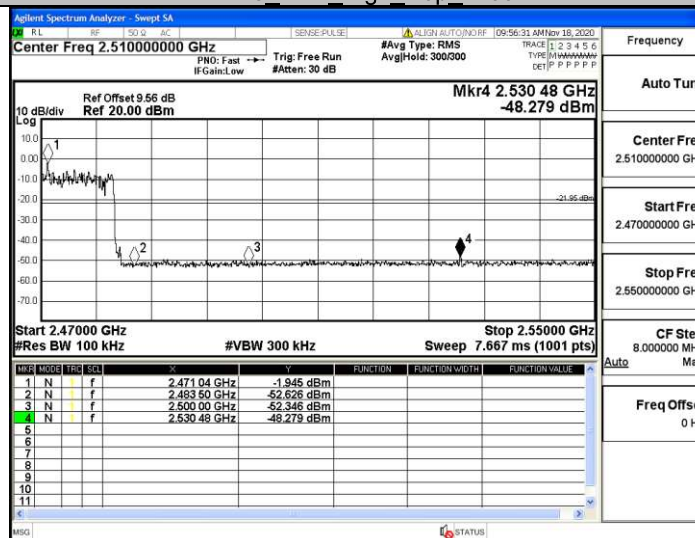
2DH5 Ant1 High 2480



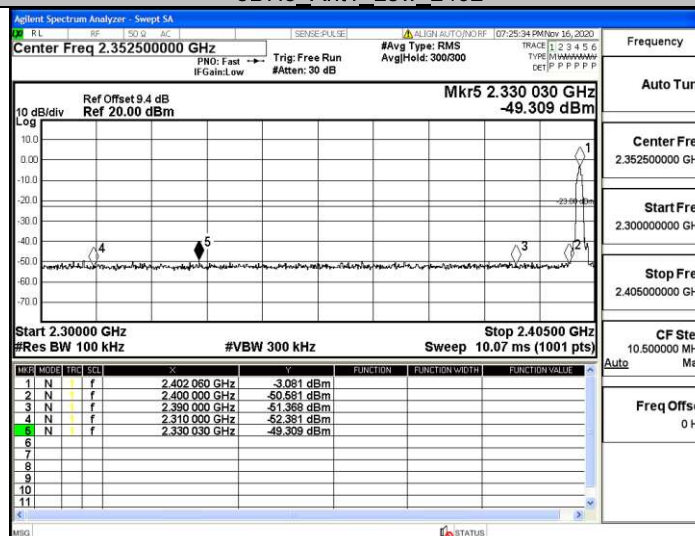
2DH5 Ant1 Low Hop 2402



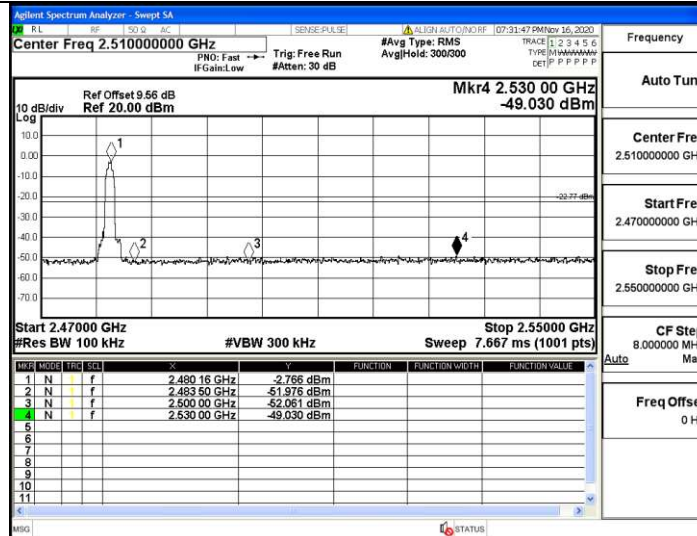
2DH5 Ant1 High Hop 2480



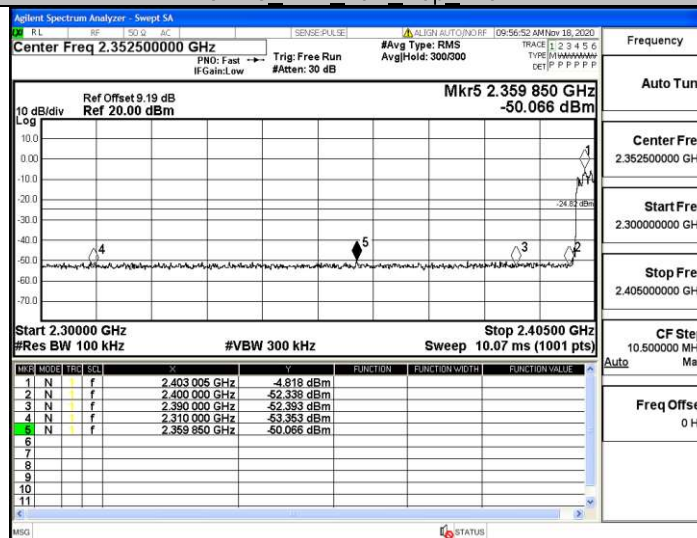
3DH5 Ant1 Low 2402



3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480

