



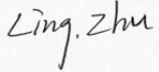
Appendix A

RF Test Data for BT V5.0 (DSS) (Conducted Measurement)

Product Name: Remote control

Test Model: RM-RX1

Environmental Conditions

Temperature:	23.7℃
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	 Ling Zhu
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

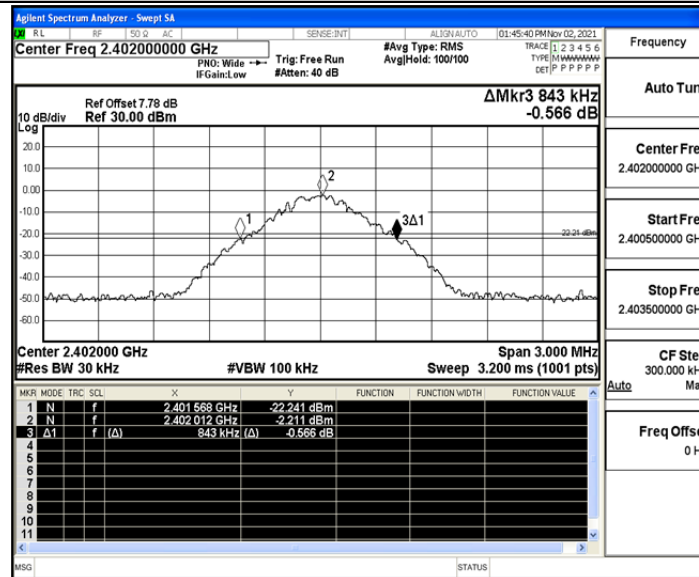
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.843	2401.568	2402.411	---	PASS
		2441	0.855	2440.559	2441.414	---	PASS
		2480	0.846	2479.568	2480.414	---	PASS
2DH5	Ant1	2402	1.317	2401.340	2402.657	---	PASS
		2441	1.335	2440.328	2441.663	---	PASS
		2480	1.281	2479.364	2480.645	---	PASS
3DH5	Ant1	2402	1.335	2401.331	2402.666	---	PASS
		2441	1.266	2440.355	2441.621	---	PASS
		2480	1.287	2479.349	2480.636	---	PASS

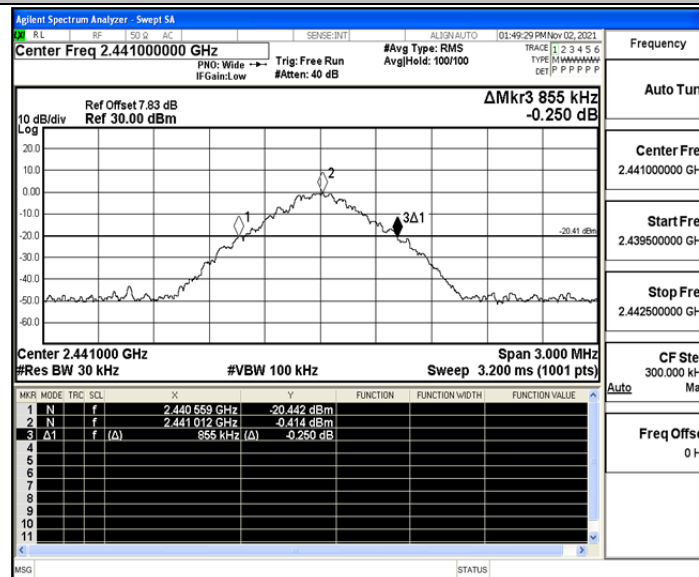


Test Graphs

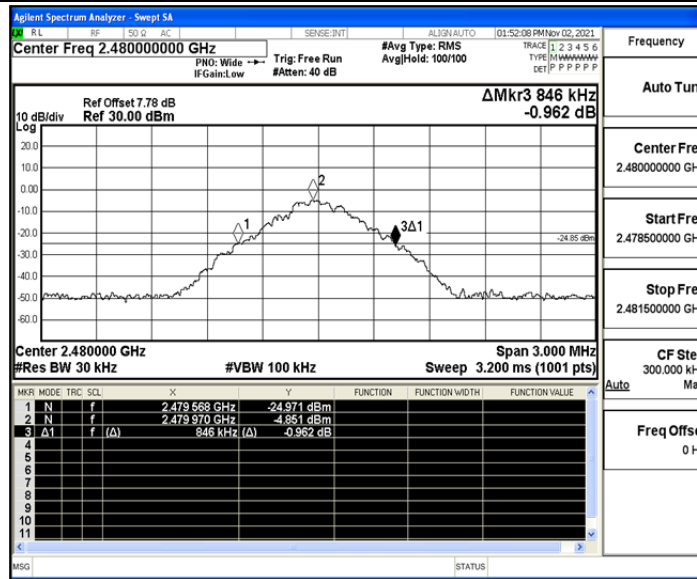
DH5_Ant1_2402



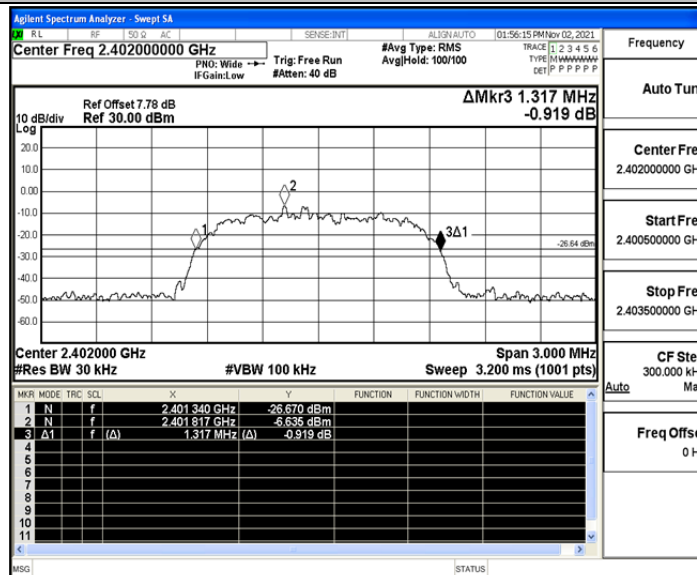
DH5_Ant1_2441



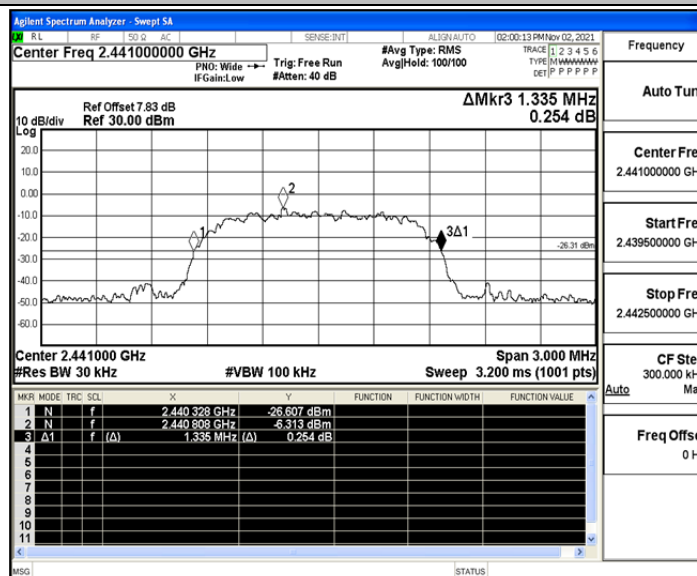
DH5_Ant1_2480



2DH5_Ant1_2402

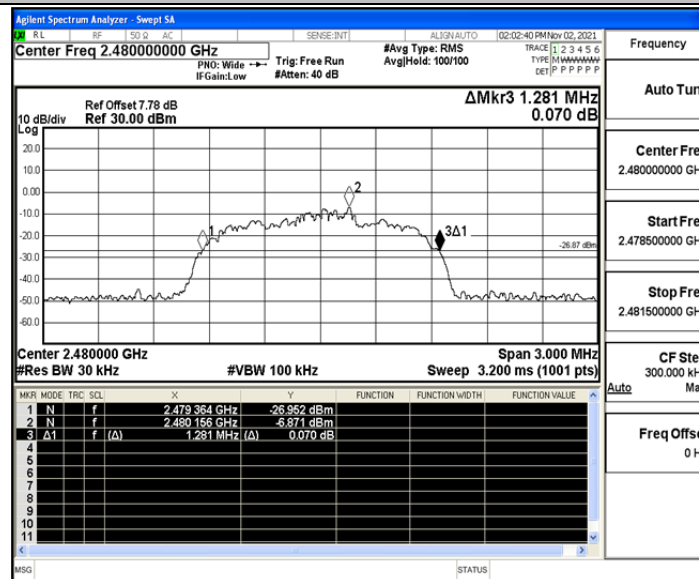


2DH5_Ant1_2441

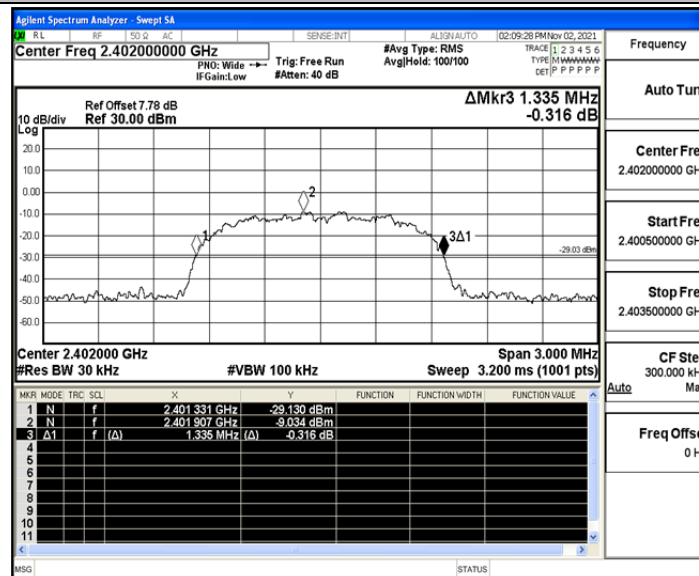




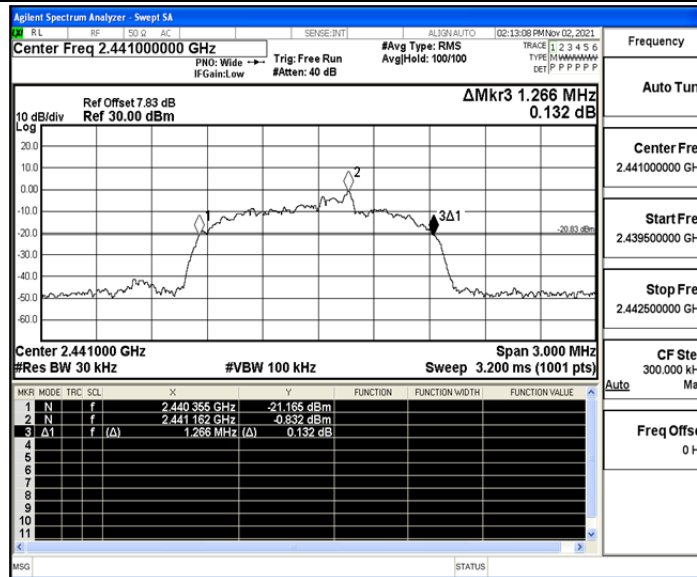
2DH5_Ant1_2480



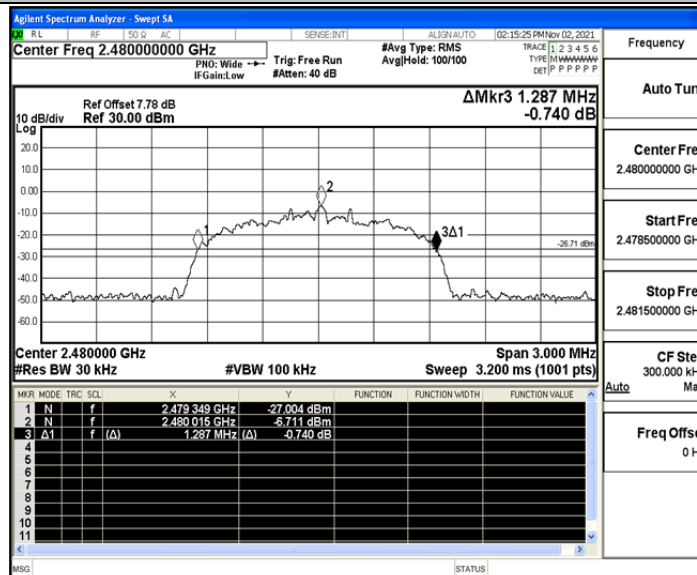
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

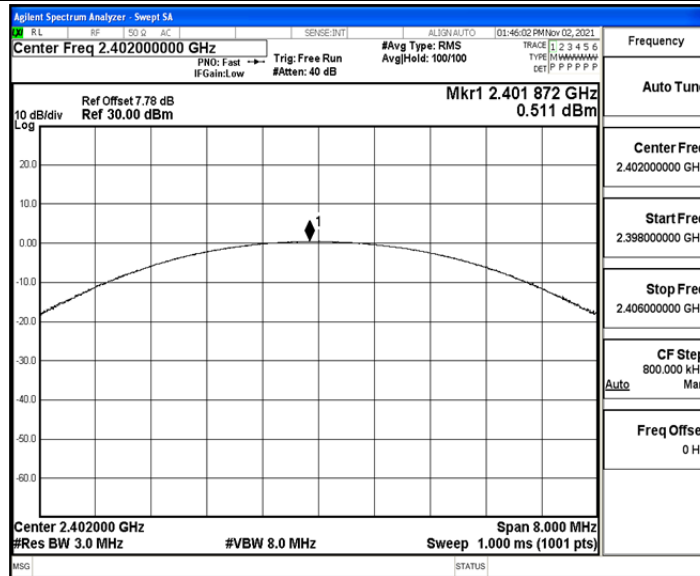
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.51	≤20.97	PASS
		2441	2.31	≤20.97	PASS
		2480	-1.87	≤20.97	PASS
2DH5	Ant1	2402	-0.22	≤20.97	PASS
		2441	1.57	≤20.97	PASS
		2480	-2.49	≤20.97	PASS
3DH5	Ant1	2402	-0.17	≤20.97	PASS
		2441	1.74	≤20.97	PASS
		2480	-2.45	≤20.97	PASS

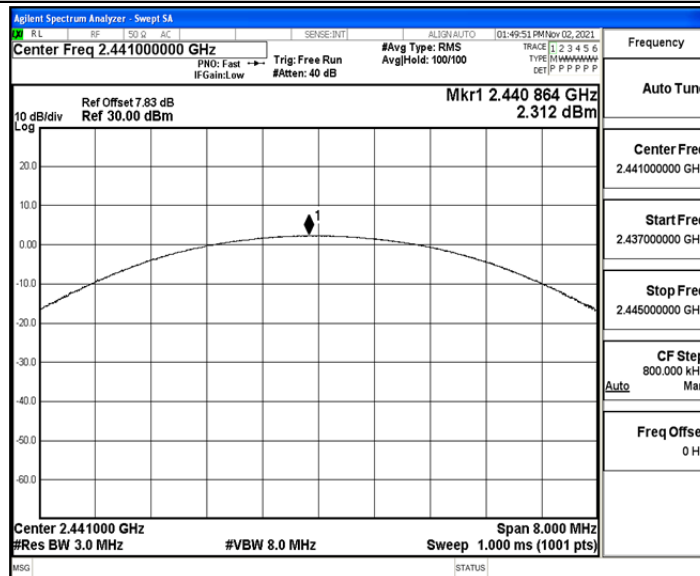


Test Graphs

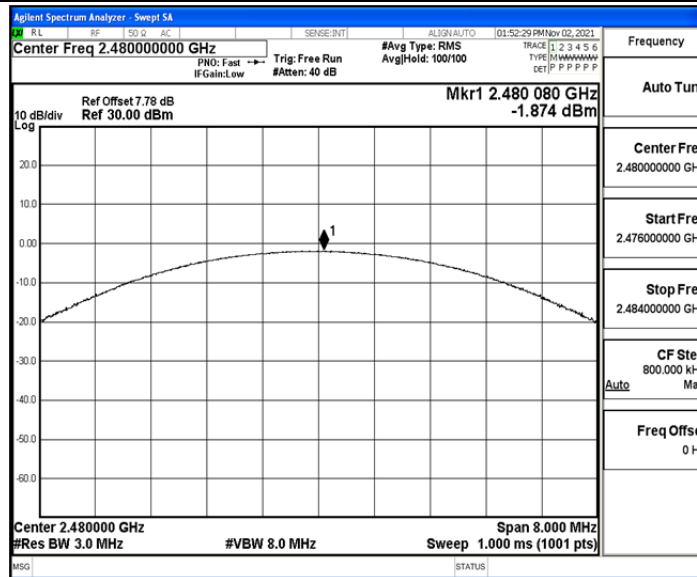
DH5_Ant1_2402



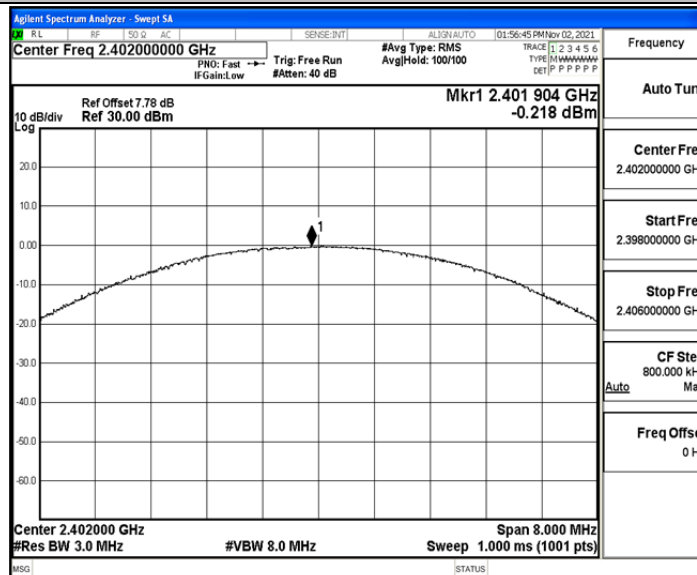
DH5_Ant1_2441



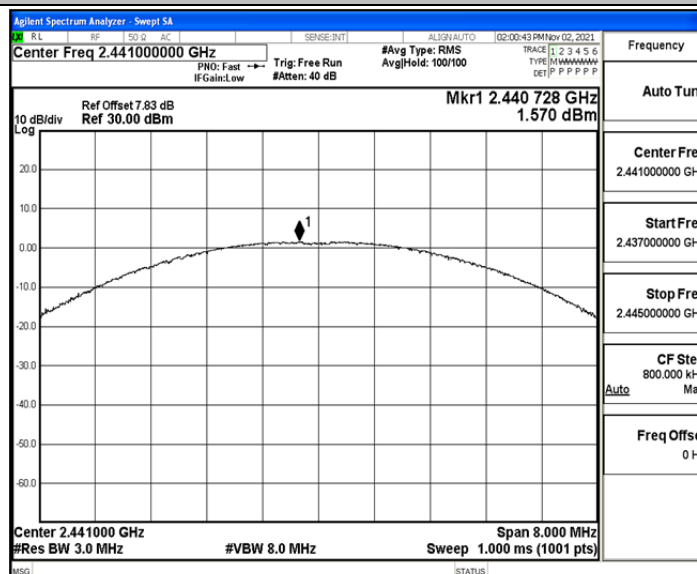
DH5_Ant1_2480



2DH5_Ant1_2402

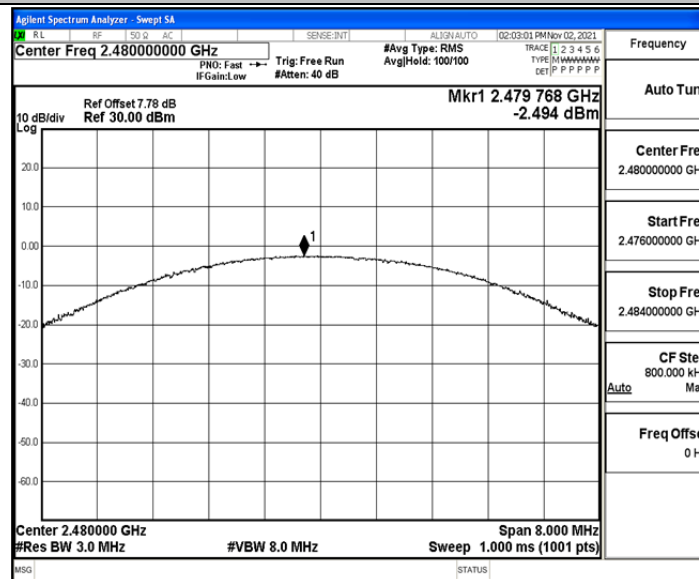


2DH5_Ant1_2441

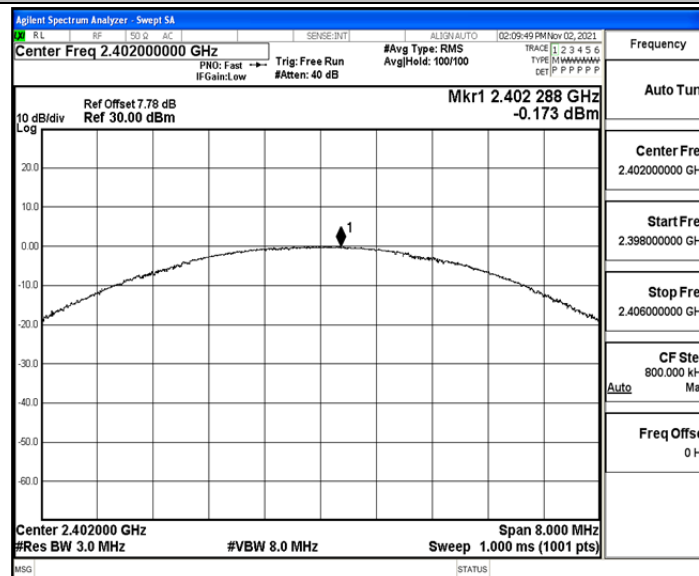




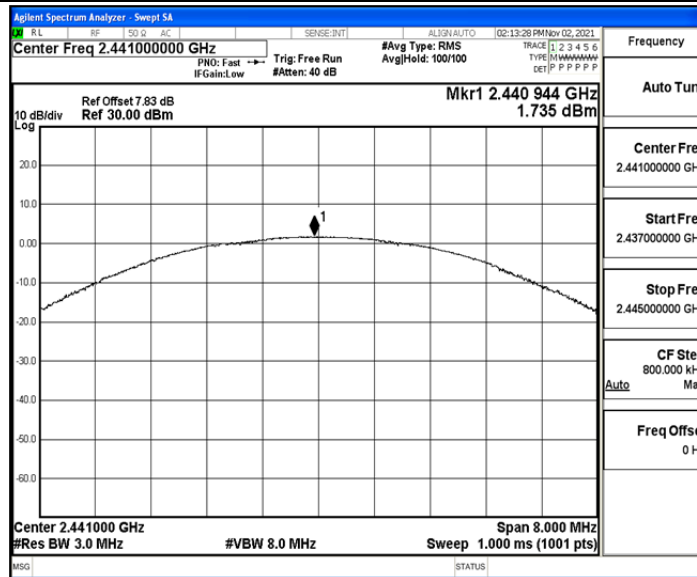
2DH5_Ant1_2480



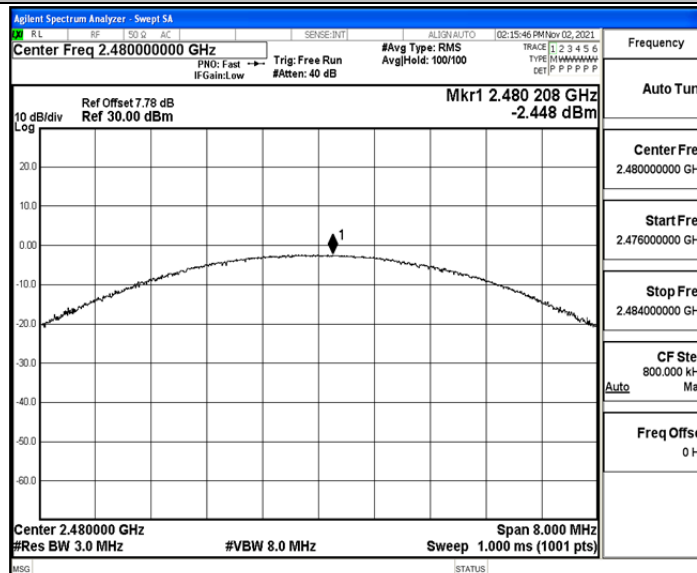
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

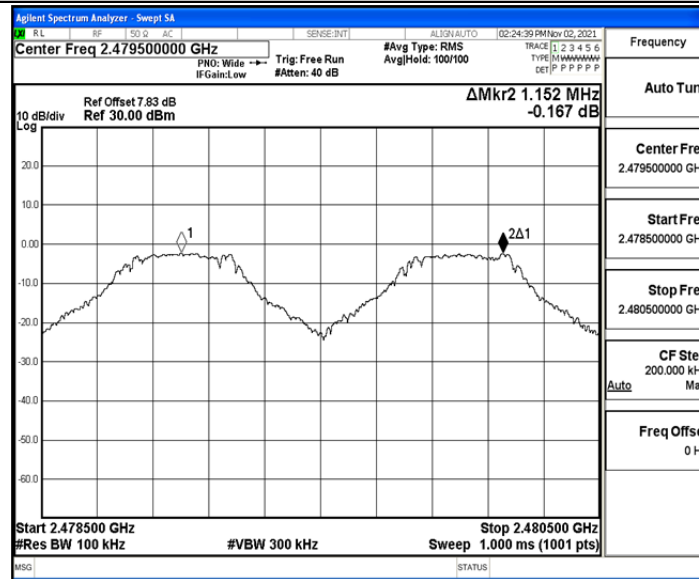
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.152	≥ 0.855	PASS
2DH5	Ant1	Hop	1.104	≥ 0.890	PASS
3DH5	Ant1	Hop	1.18	≥ 0.890	PASS

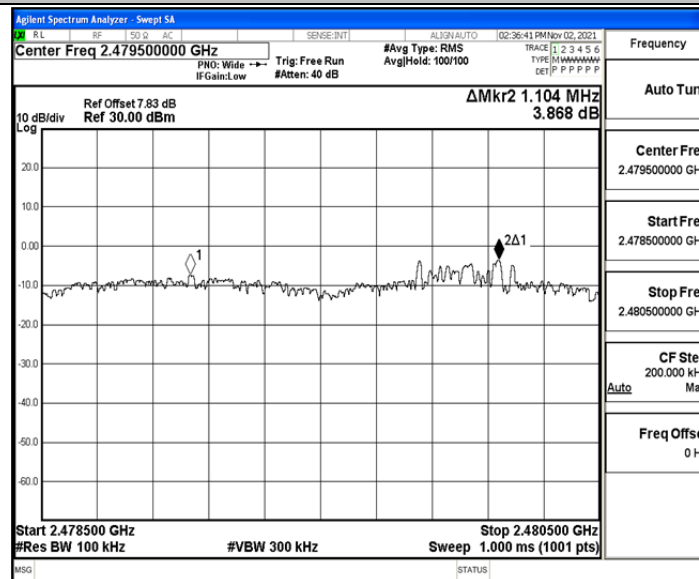


Test Graphs

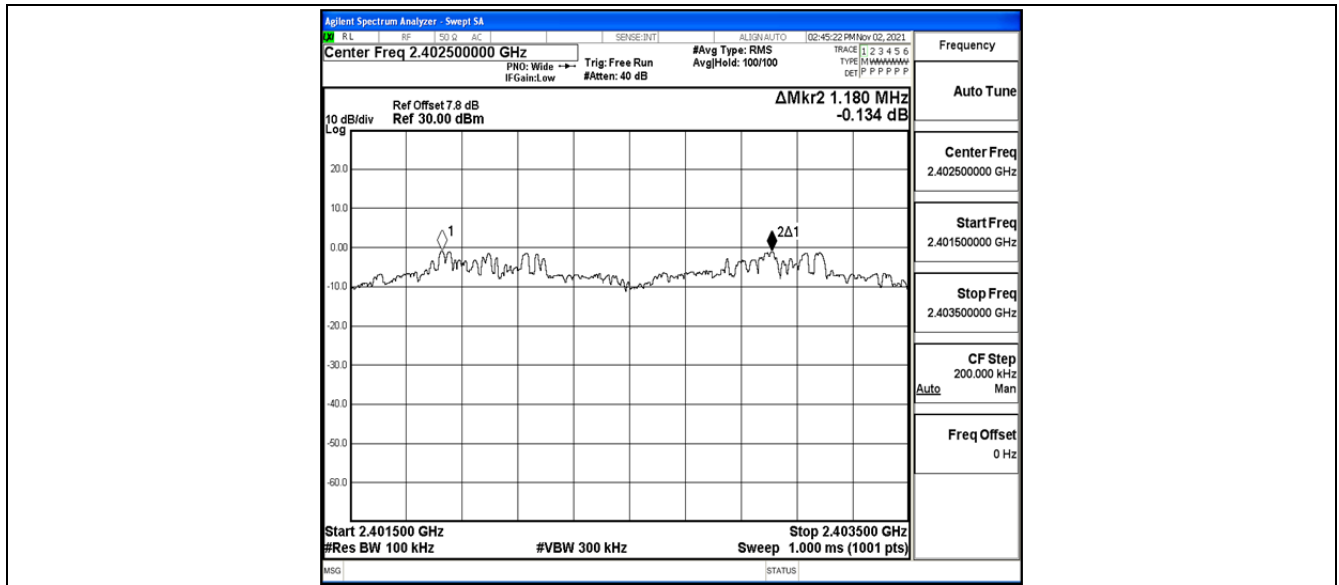
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

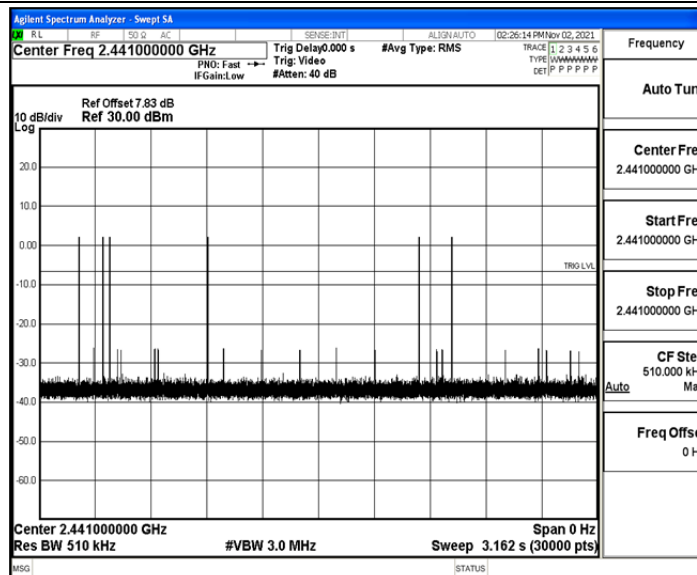
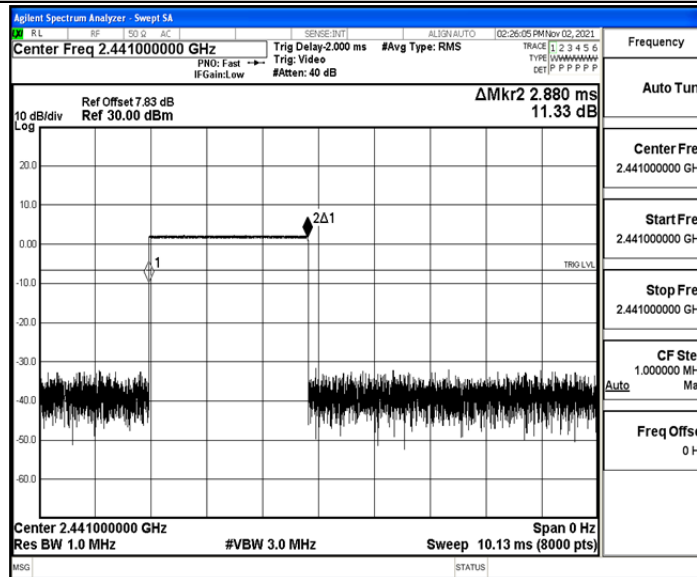
Test Result

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	100	0.288	≤0.4	PASS
3DH5	Ant1	Hop	2.89	100	0.289	≤0.4	PASS

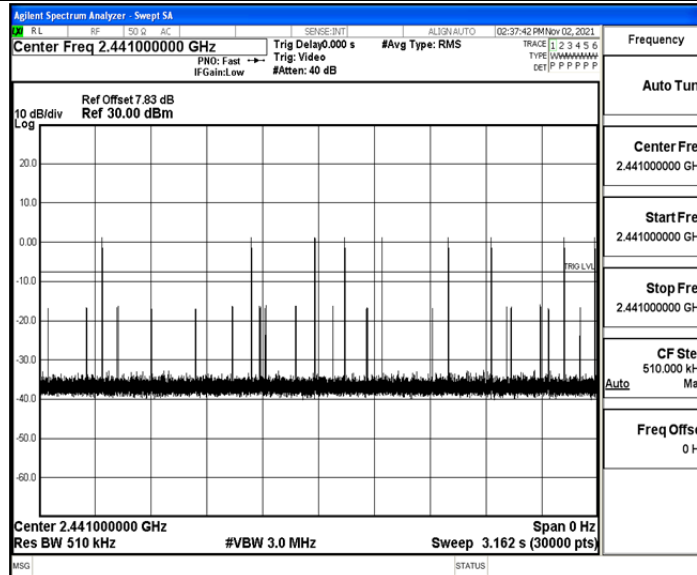
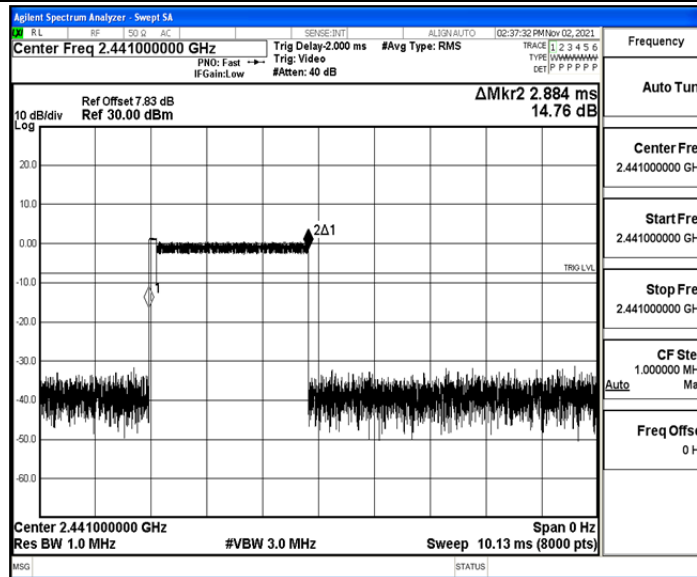


Test Graphs

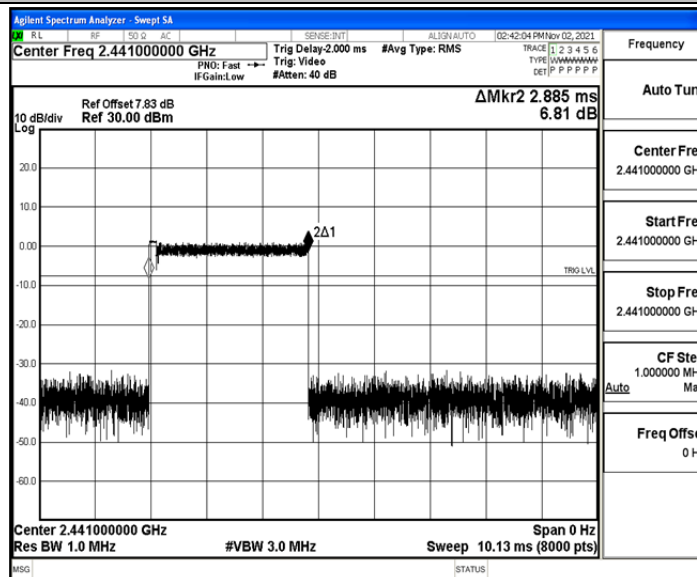
DH5_Ant1_Hop

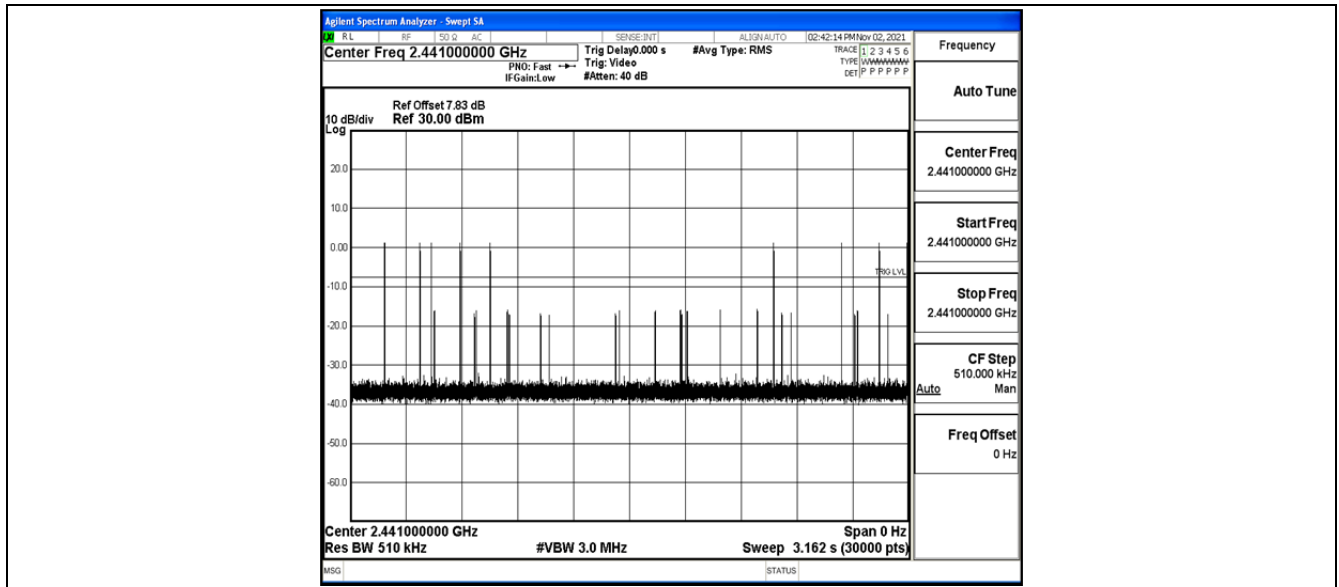


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.5 Number of hopping channels

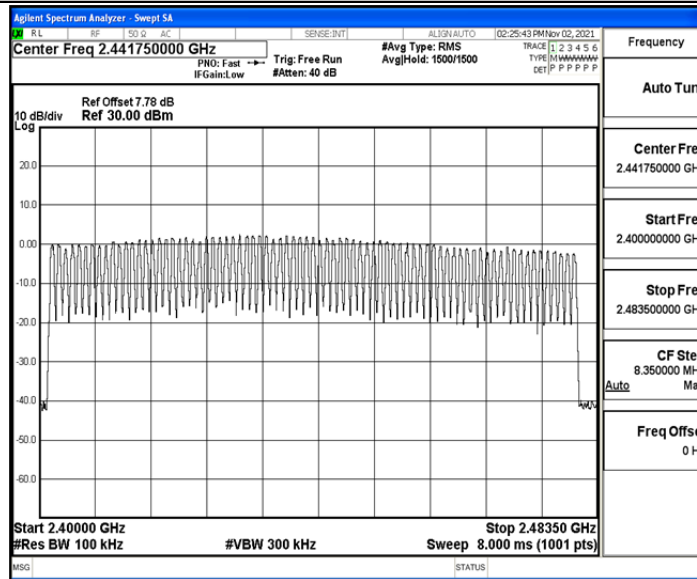
Test Result

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

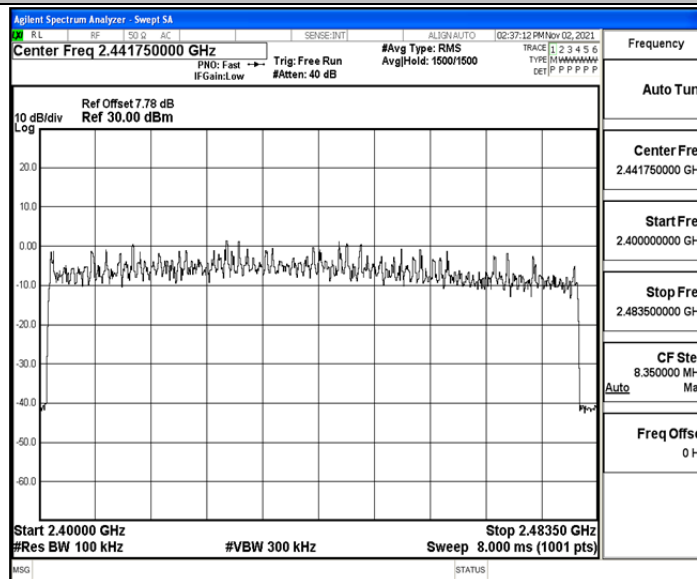


Test Graphs

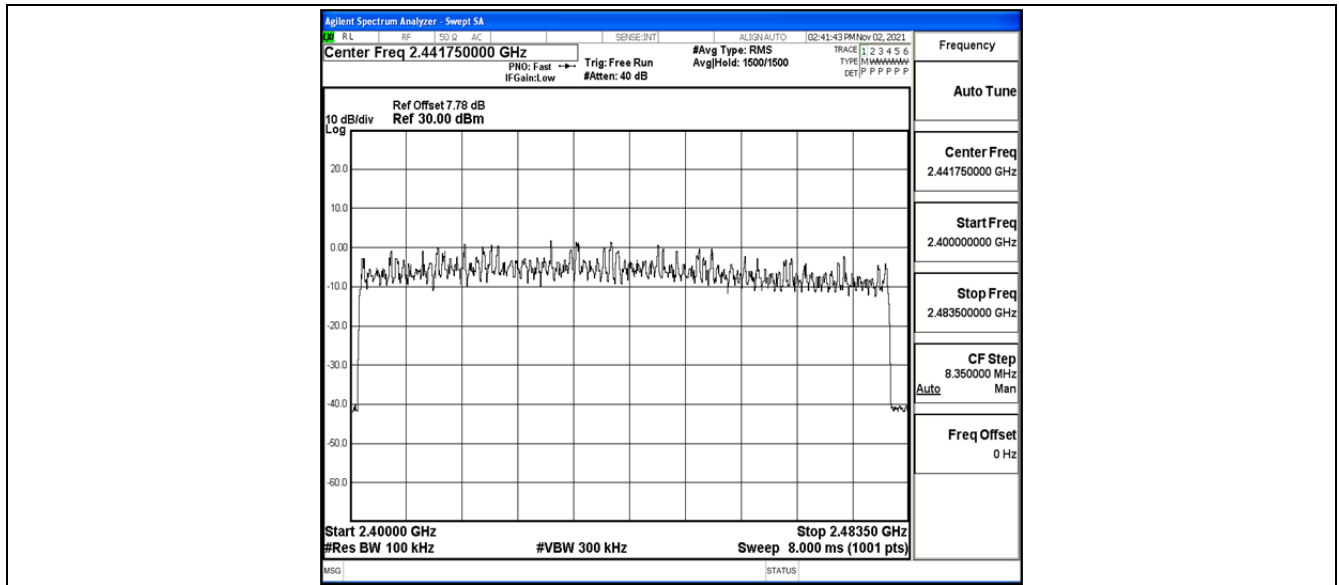
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

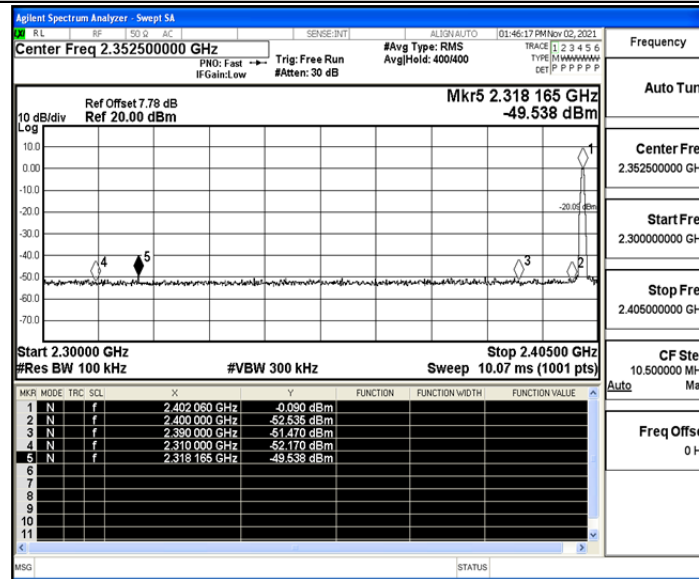
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.09	-49.54	≤ -20.09	PASS
		High	2480	-2.27	-49.23	≤ -22.27	PASS
		Low	Hop_2402	-0.13	-49.99	≤ -20.13	PASS
		High	Hop_2480	-1.16	-48.19	≤ -21.16	PASS
2DH5	Ant1	Low	2402	-0.59	-50.06	≤ -20.59	PASS
		High	2480	-3.35	-35.14	≤ -23.35	PASS
		Low	Hop_2402	-5.80	-50.16	≤ -25.8	PASS
3DH5	Ant1	Low	2402	-0.52	-50.05	≤ -20.52	PASS
		High	2480	-2.92	-47.91	≤ -22.92	PASS
		Low	Hop_2402	-1.51	-49.74	≤ -21.51	PASS
		High	Hop_2480	-4.38	-48.81	≤ -24.38	PASS

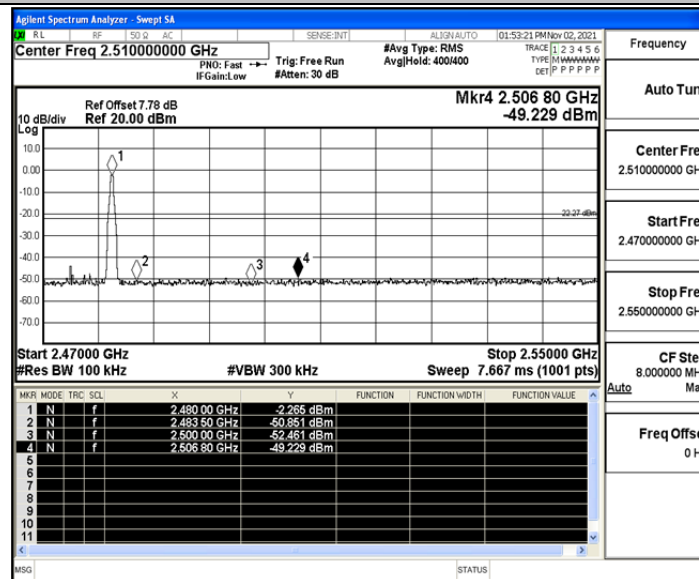


Test Graphs

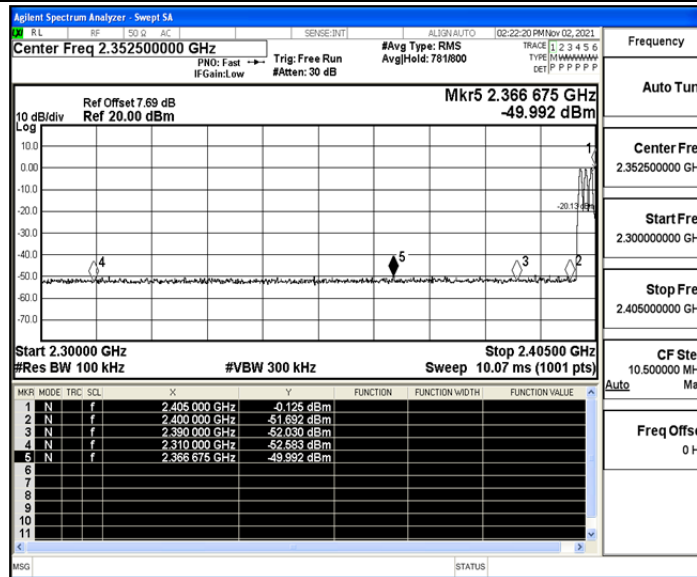
DH5_Ant1_Low_2402



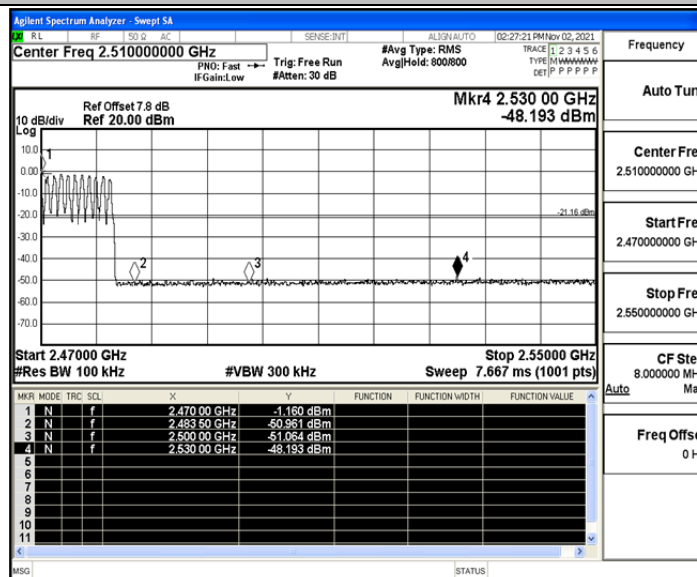
DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

