



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 4G PHONE

Test Model: MiniVision2

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



A.1 20dB Emission Bandwidth

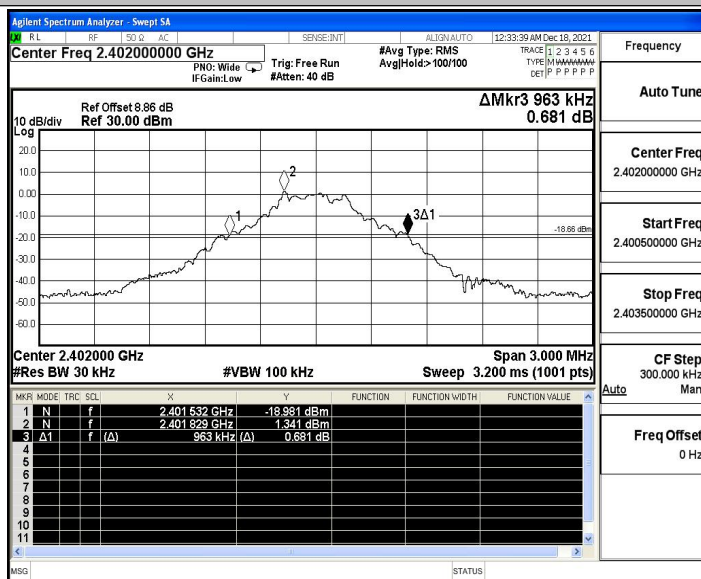
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.532	2402.495	---	---
		2441	0.855	2440.559	2441.414	---	---
		2480	0.936	2479.544	2480.480	---	---
2DH5	Ant1	2402	1.275	2401.364	2402.639	---	---
		2441	1.275	2440.364	2441.639	---	---
		2480	1.284	2479.361	2480.645	---	---
3DH5	Ant1	2402	1.272	2401.355	2402.627	---	---
		2441	1.278	2440.352	2441.630	---	---
		2480	1.287	2479.349	2480.636	---	---

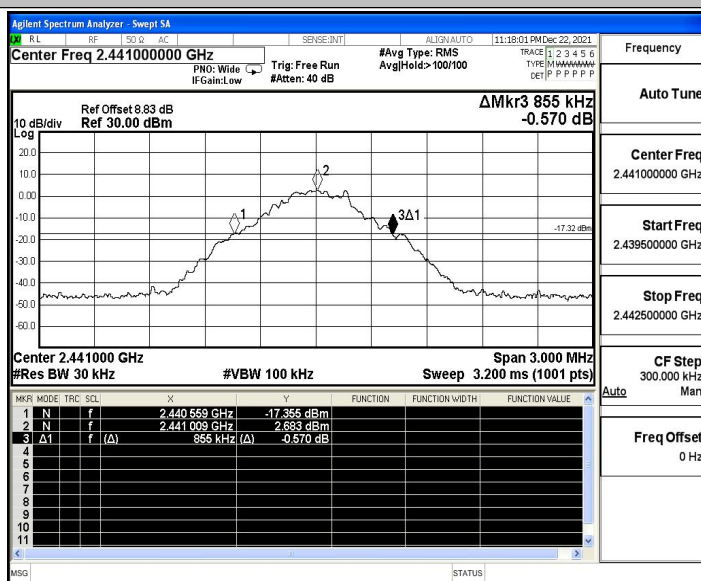


Test Graphs

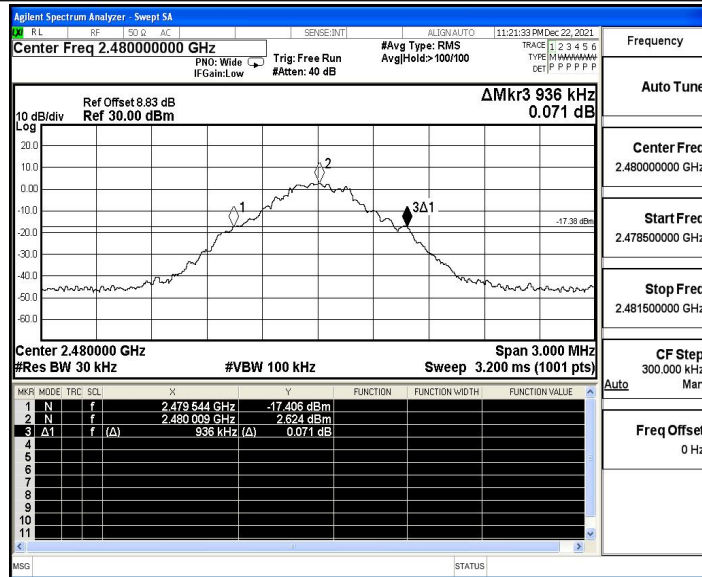
DH5_Ant1_2402



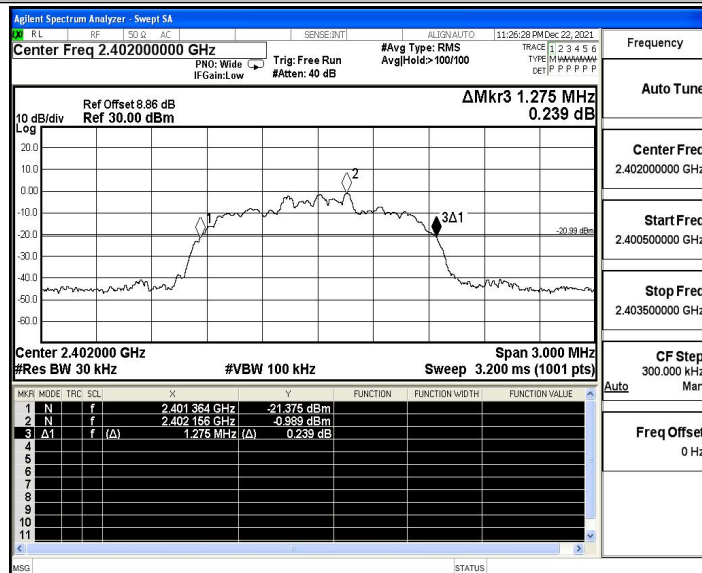
DH5_Ant1_2441



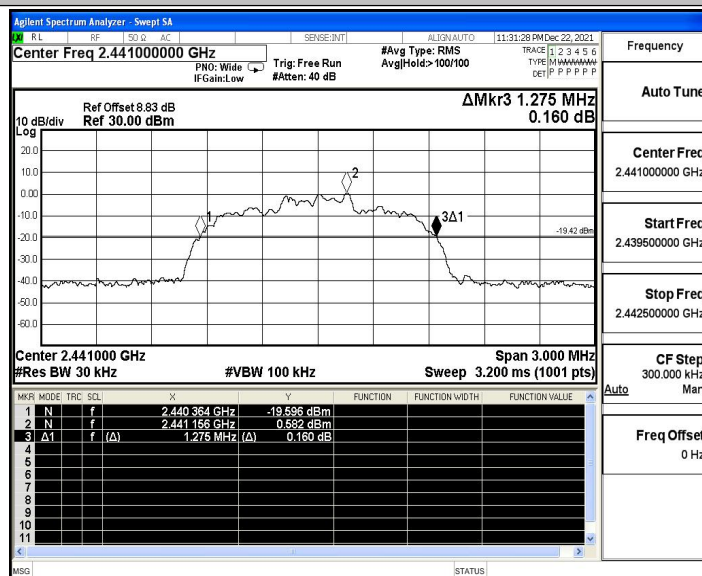
DH5_Ant1_2480



2DH5_Ant1_2402

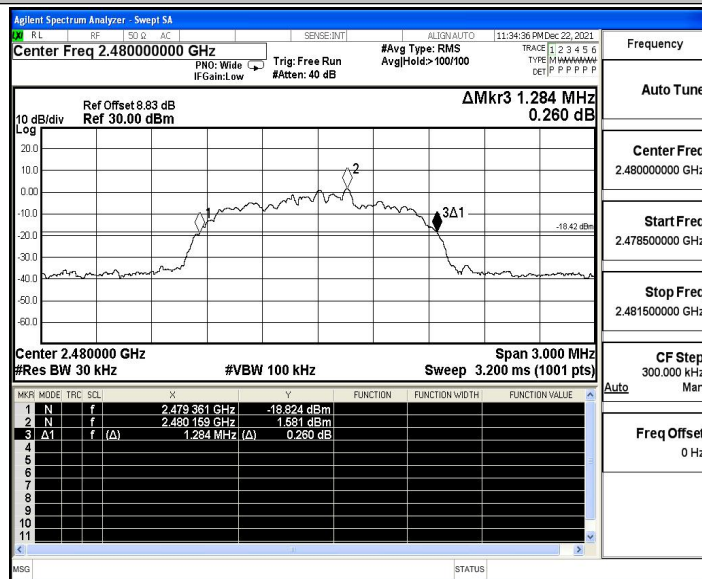


2DH5_Ant1_2441

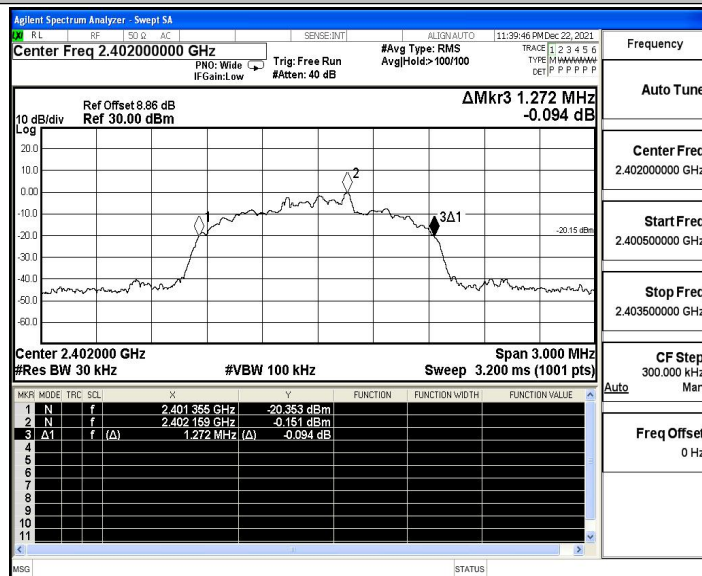




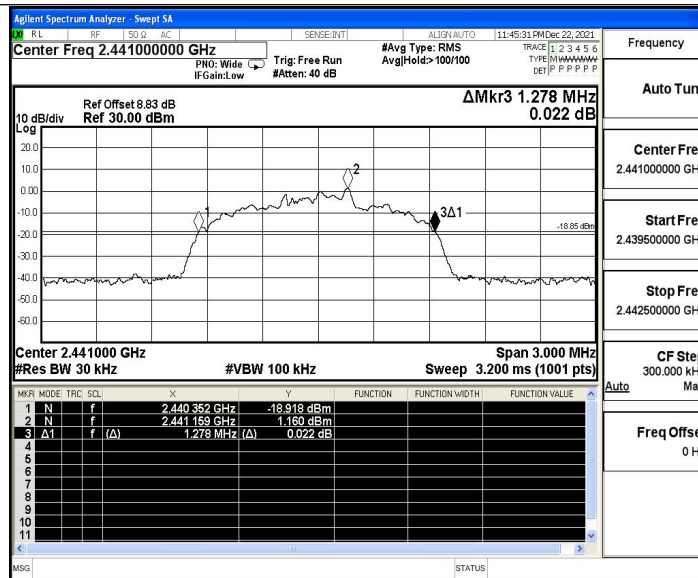
2DH5_Ant1_2480



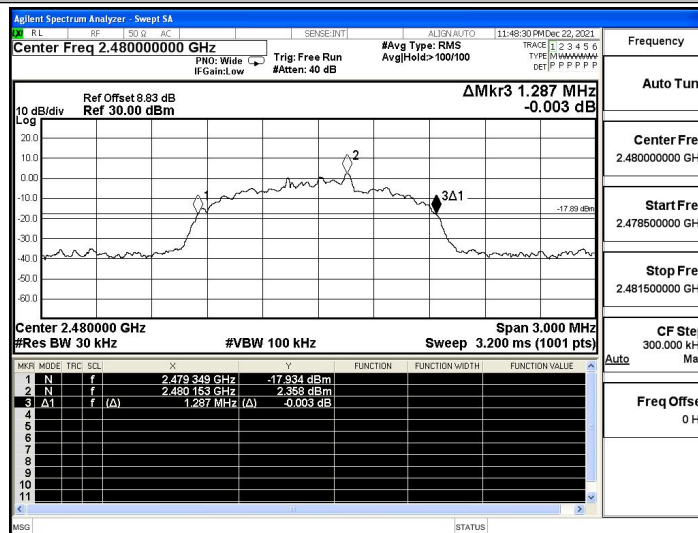
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



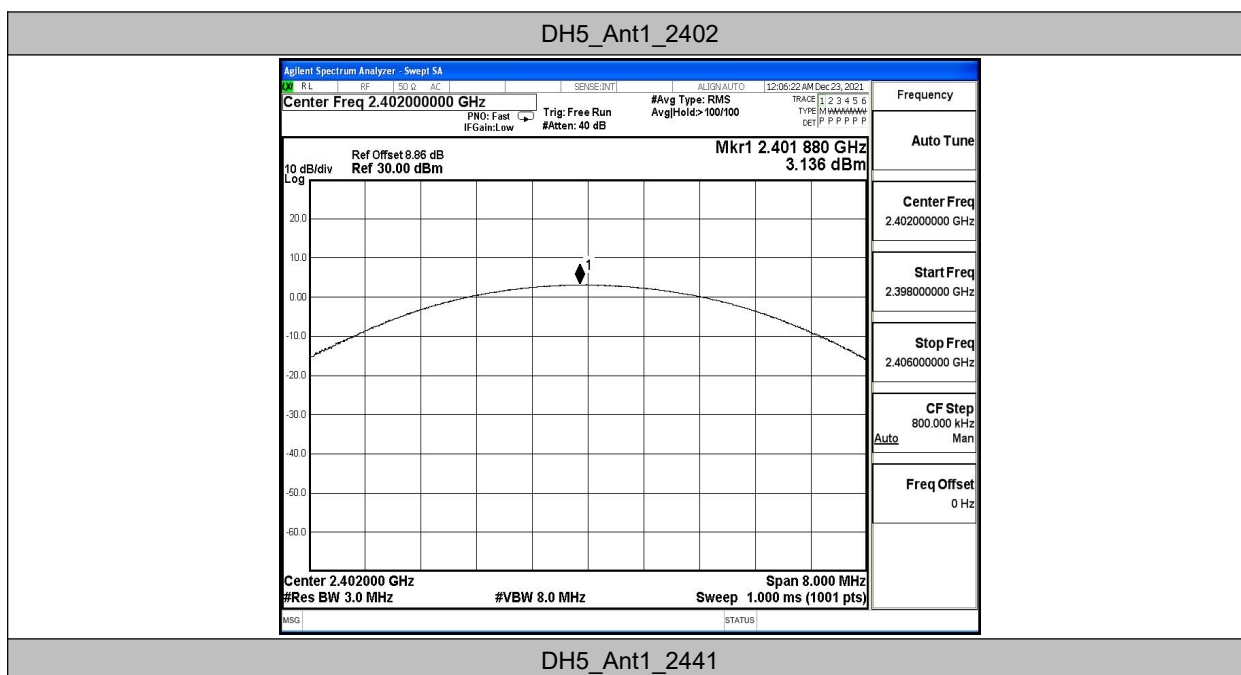


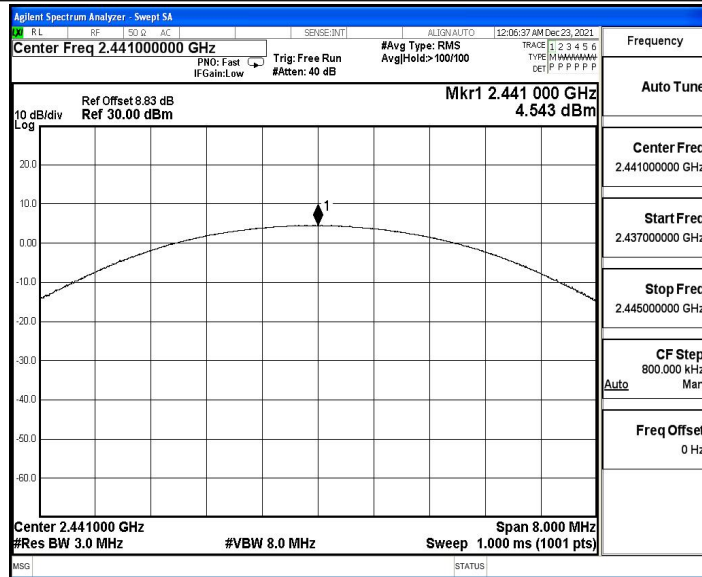
A.2 Maximum conducted output power

Test Result Peak

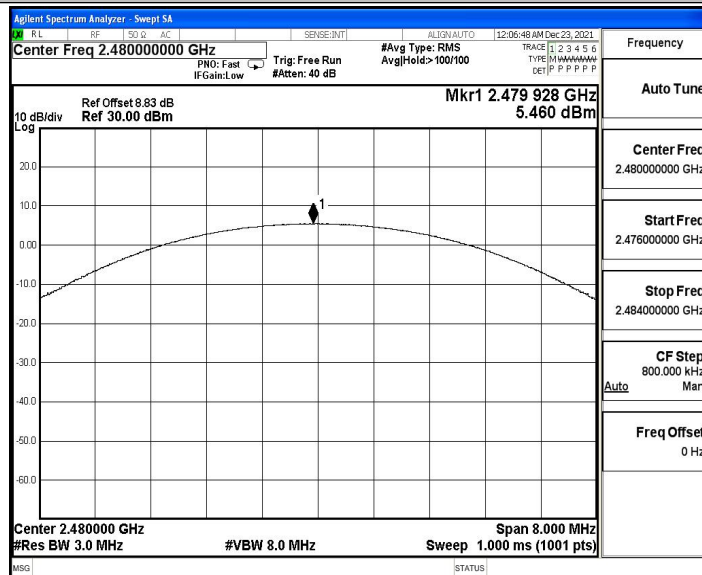
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.14	≤20.97	PASS
		2441	4.54	≤20.97	PASS
		2480	5.46	≤20.97	PASS
2DH5	Ant1	2402	2.36	≤20.97	PASS
		2441	3.96	≤20.97	PASS
		2480	4.97	≤20.97	PASS
3DH5	Ant1	2402	2.38	≤20.97	PASS
		2441	3.9	≤20.97	PASS
		2480	5.11	≤20.97	PASS

Test Graphs

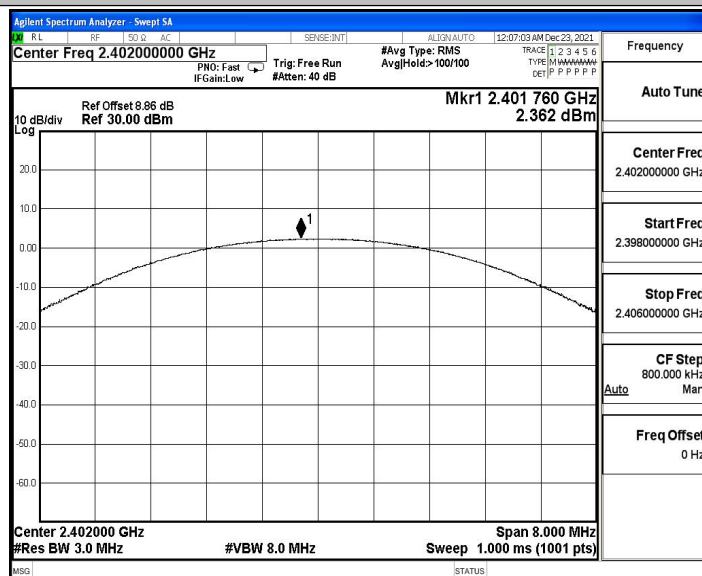




DH5_Ant1_2480

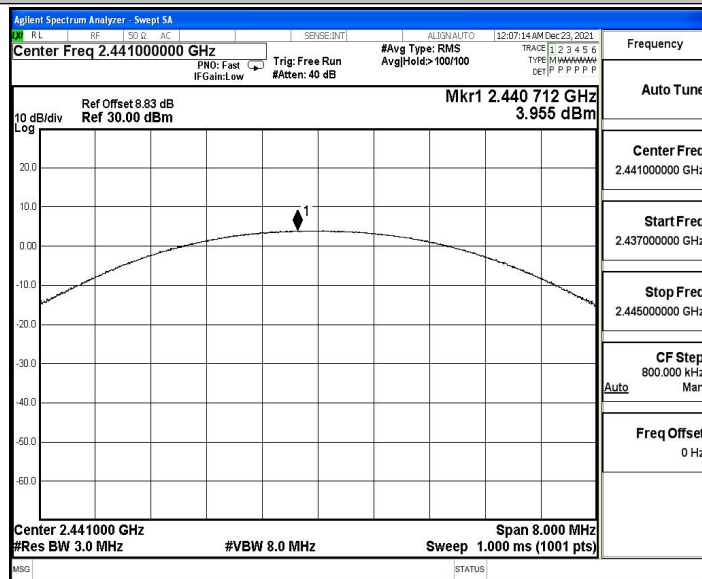


2DH5_Ant1_2402

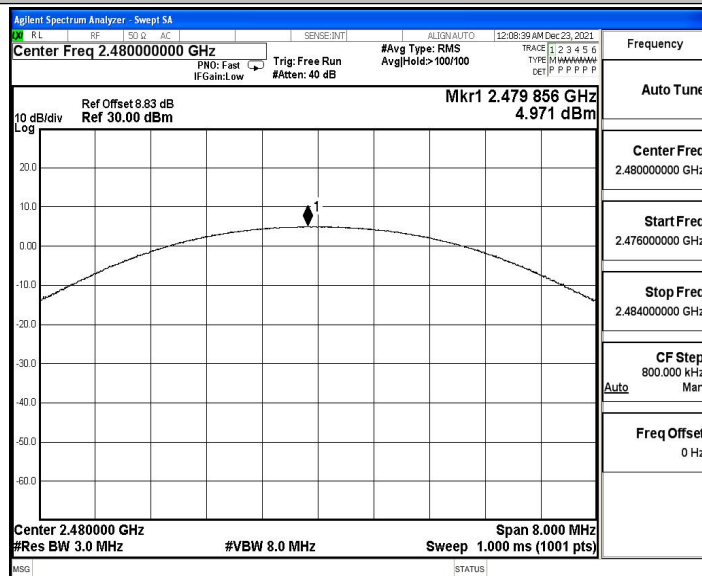




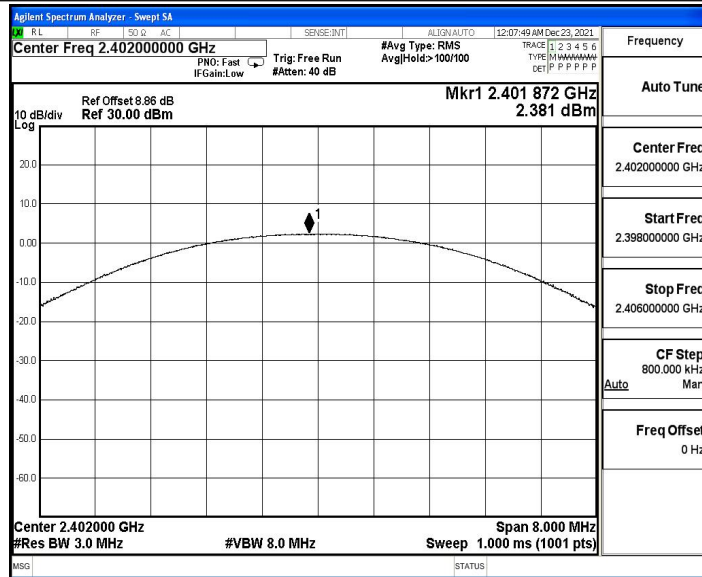
2DH5_Ant1_2441



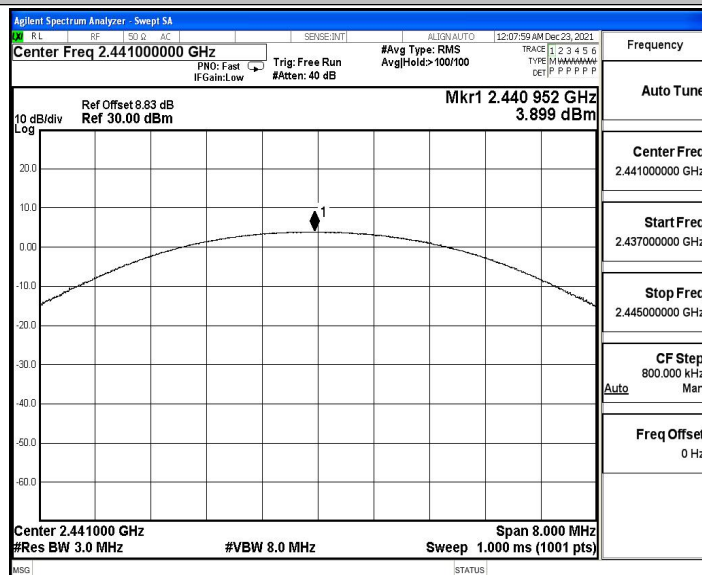
2DH5_Ant1_2480



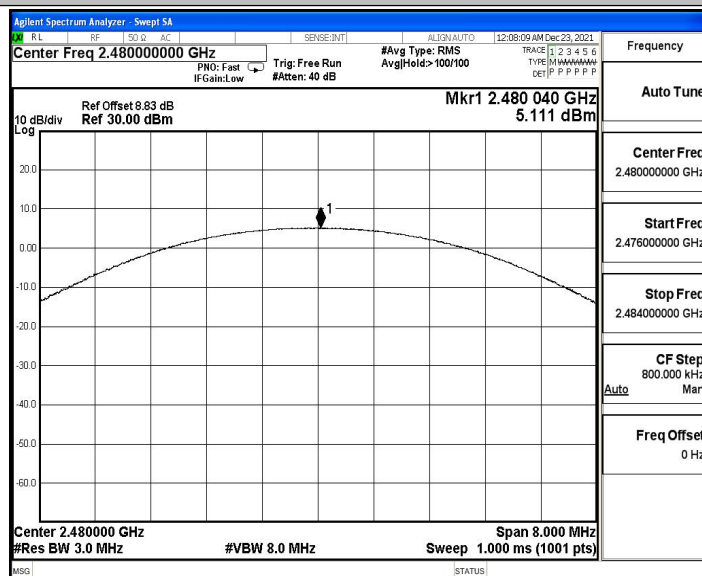
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



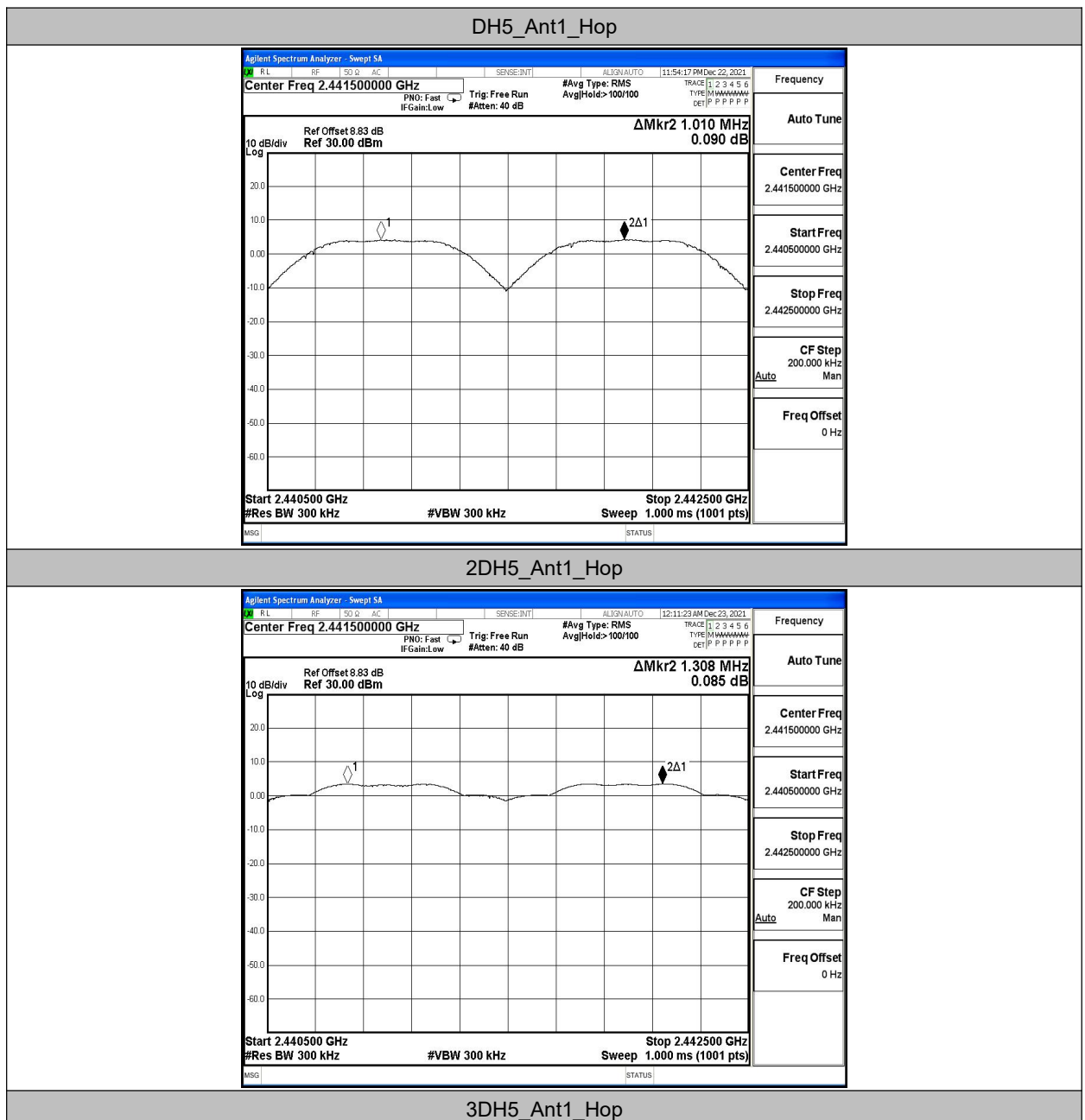


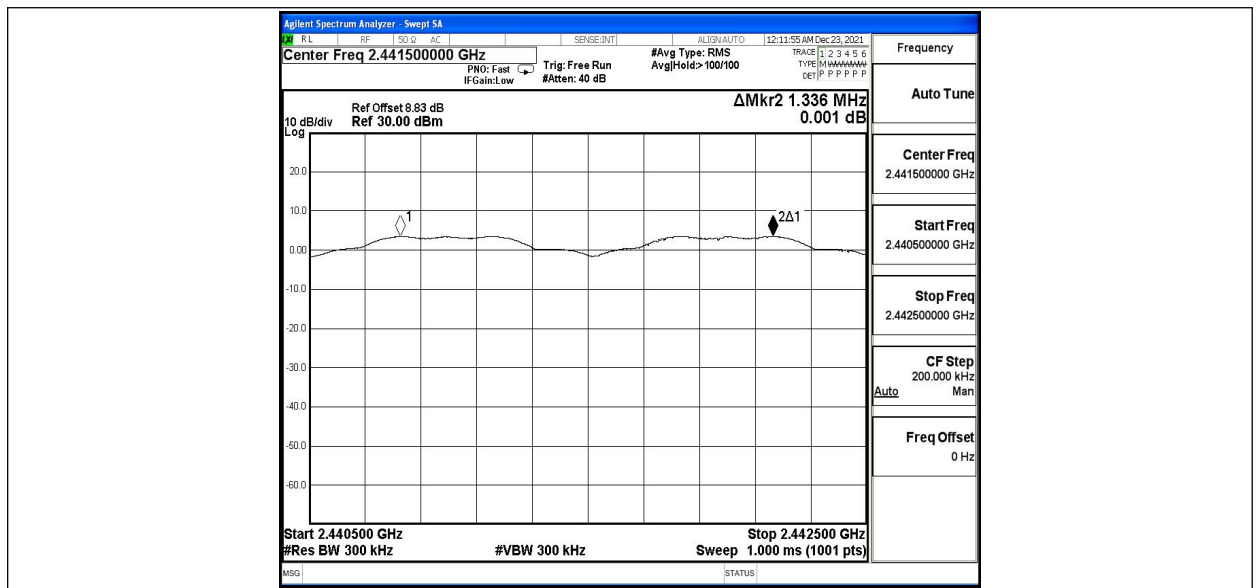
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.01	≥ 0.963	PASS
2DH5	Ant1	Hop	1.308	≥ 1.284	PASS
3DH5	Ant1	Hop	1.336	≥ 1.287	PASS

Test Graphs







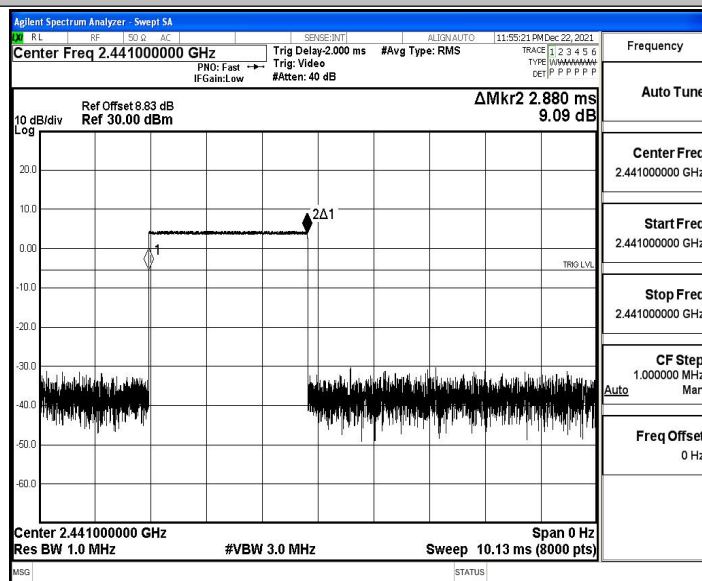
A.4 Time of occupancy

Test Result

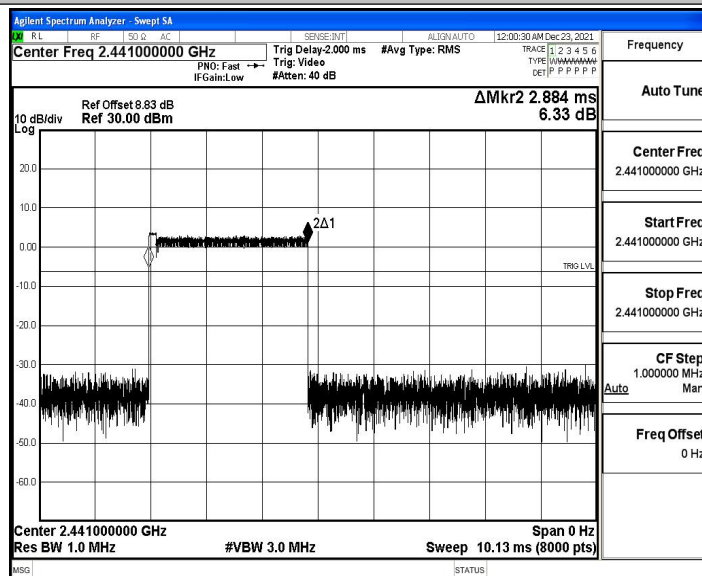
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS

Test Graphs

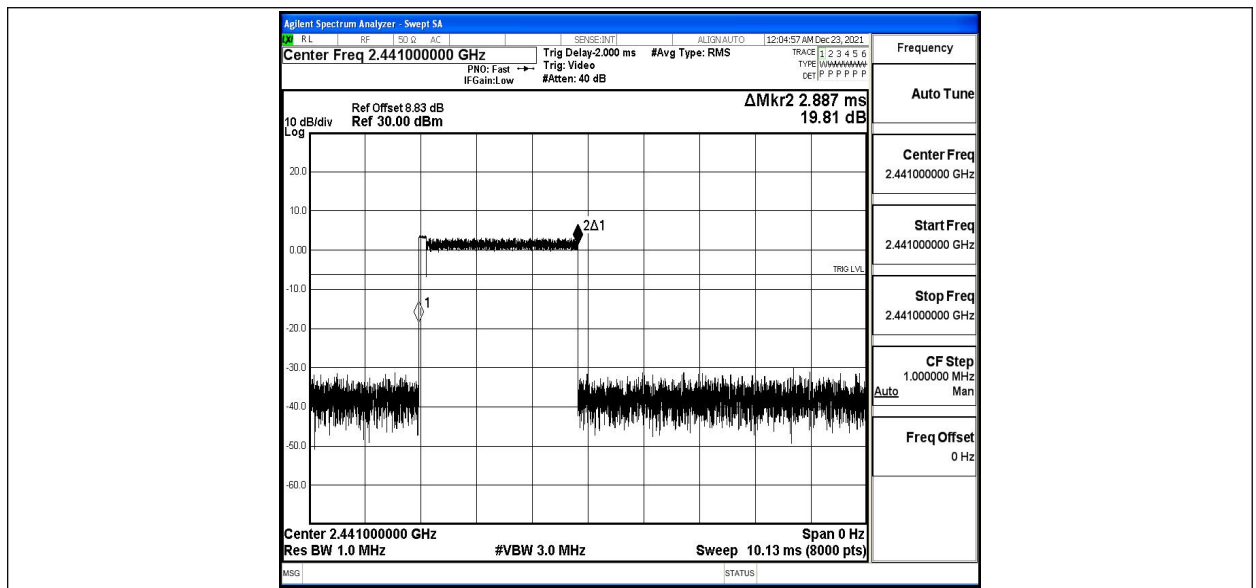
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



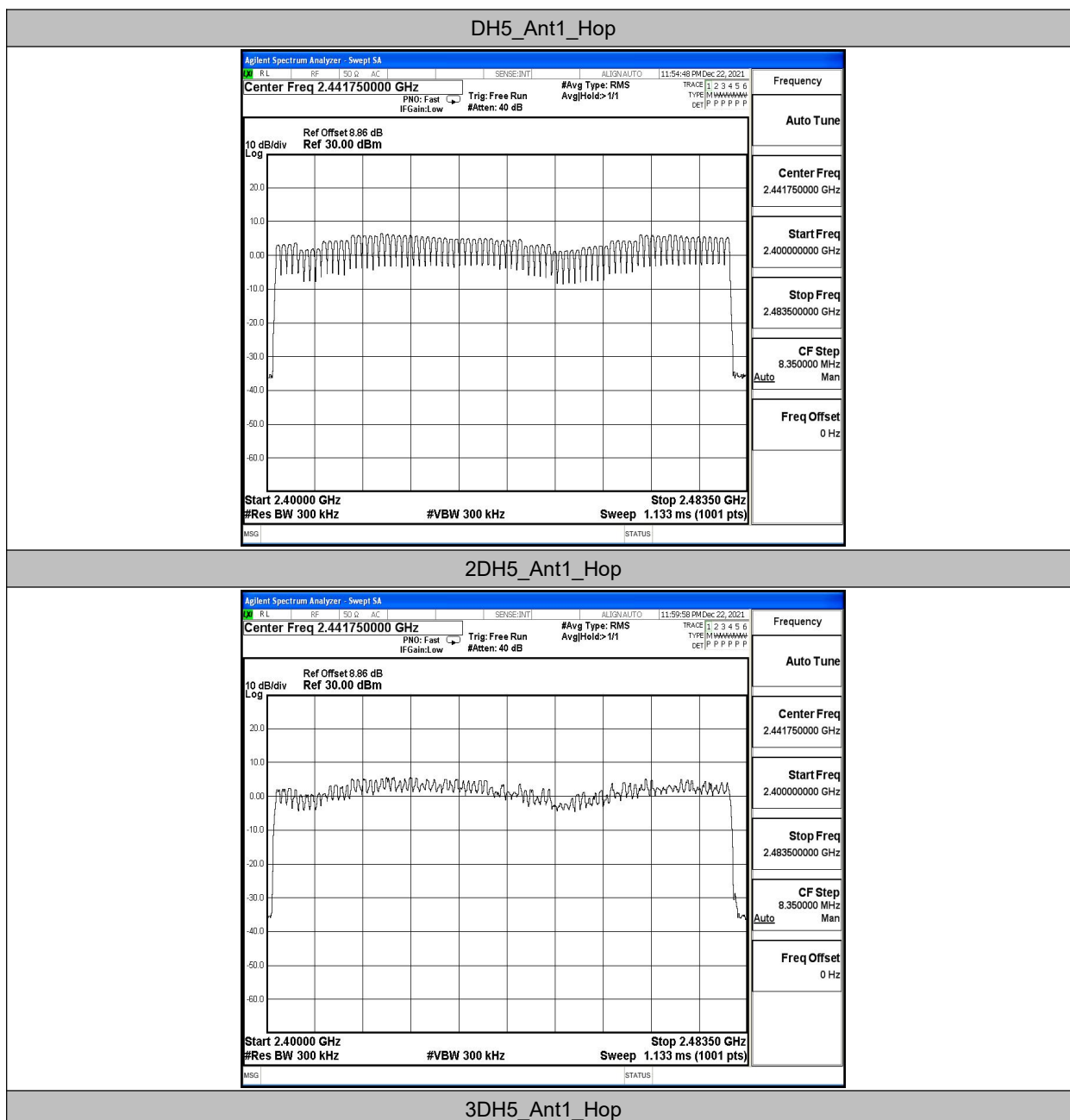


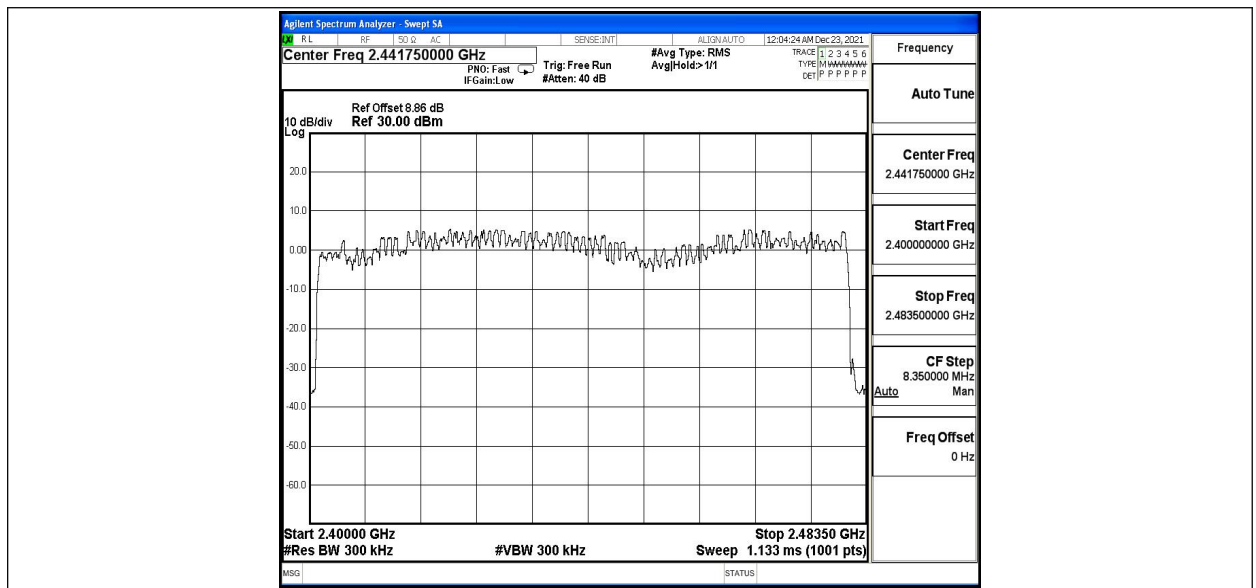
A.5 Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	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







A.6 Band edge measurements

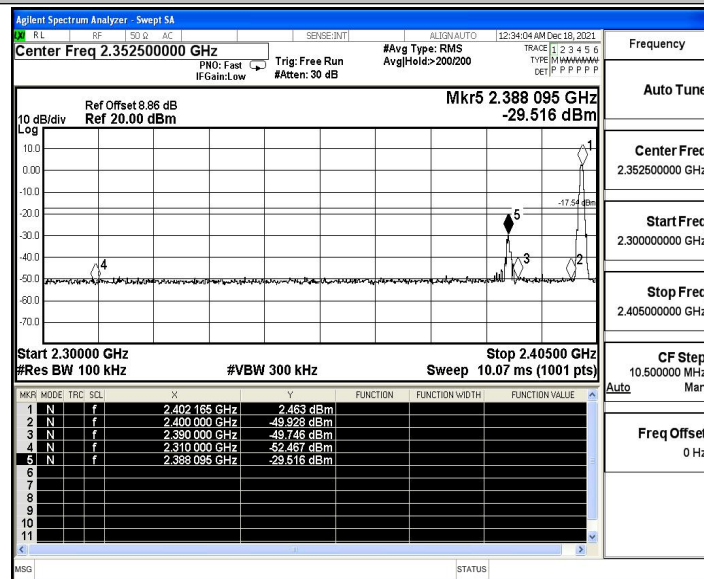
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.46	-29.52	≤ -17.54	PASS
		High	2480	5.09	-47.87	≤ -14.91	PASS
		Low	Hop_2402	2.11	-48.86	≤ -17.89	PASS
		High	Hop_2480	5.16	-47.5	≤ -14.84	PASS
2DH5	Ant1	Low	2402	-2.12	-48.51	≤ -22.12	PASS
		High	2480	4.67	-47.55	≤ -15.33	PASS
		Low	Hop_2402	-0.31	-49.35	≤ -20.31	PASS
		High	Hop_2480	4.11	-47.6	≤ -15.89	PASS
3DH5	Ant1	Low	2402	1.97	-47.93	≤ -18.03	PASS
		High	2480	4.64	-48.16	≤ -15.36	PASS
		Low	Hop_2402	-0.83	-49.22	≤ -20.83	PASS
		High	Hop_2480	2.70	-47.85	≤ -17.3	PASS

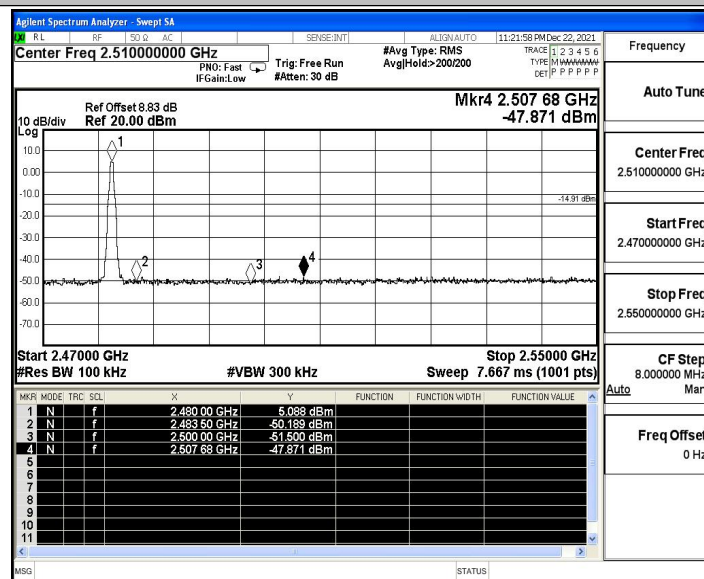


Test Graphs

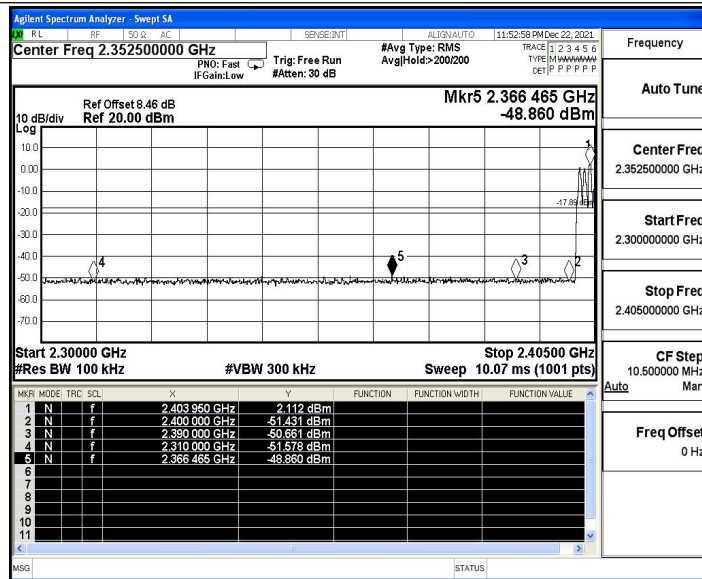
DH5_Ant1_Low_2402



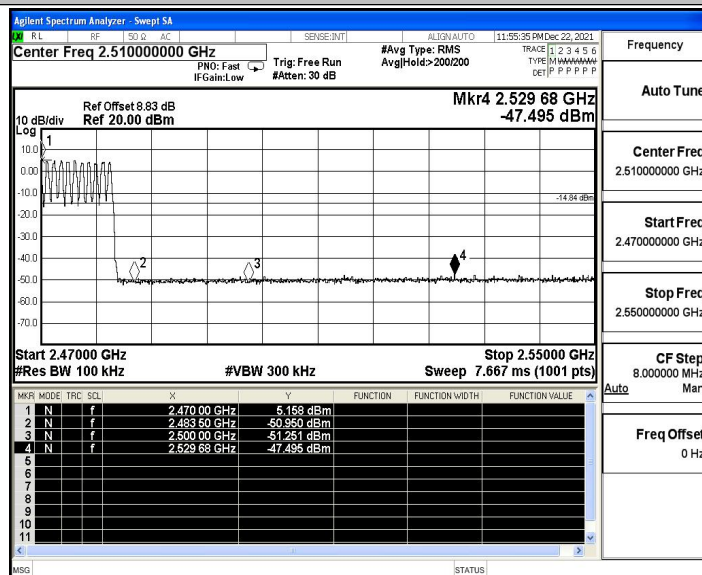
DH5_Ant1_High_2480



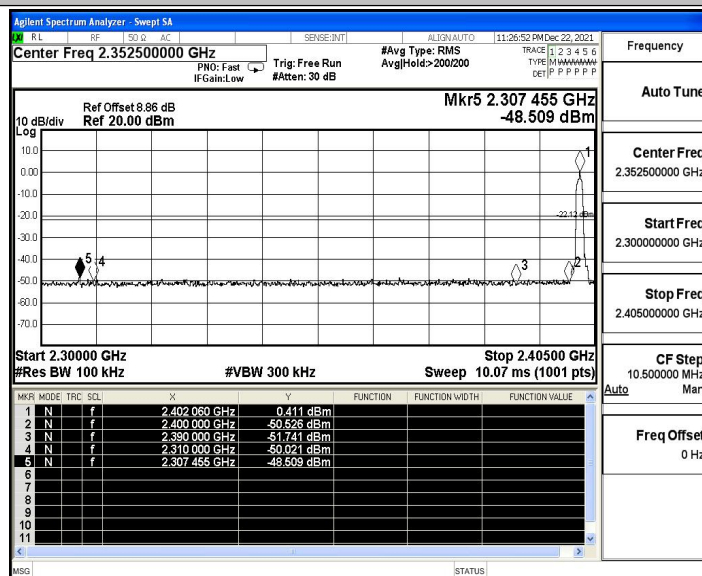
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

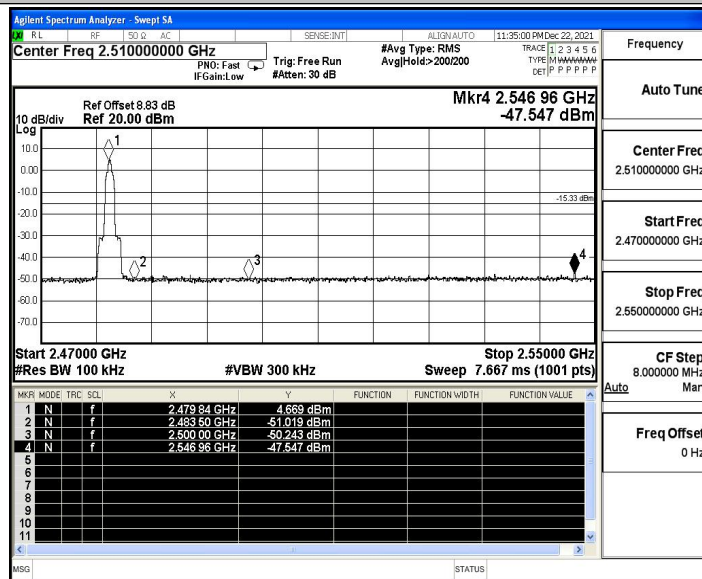


2DH5_Ant1_Low_2402

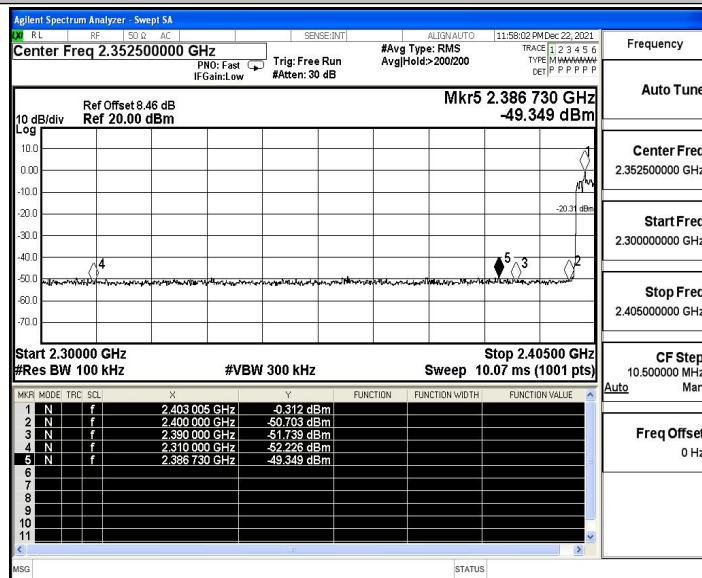




2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480