

Appendix A

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

Product Name: Mobile Phone

Trade Mark: YEZZ

Test Model: C22

FCC ID: 2APW4C22

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	51%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

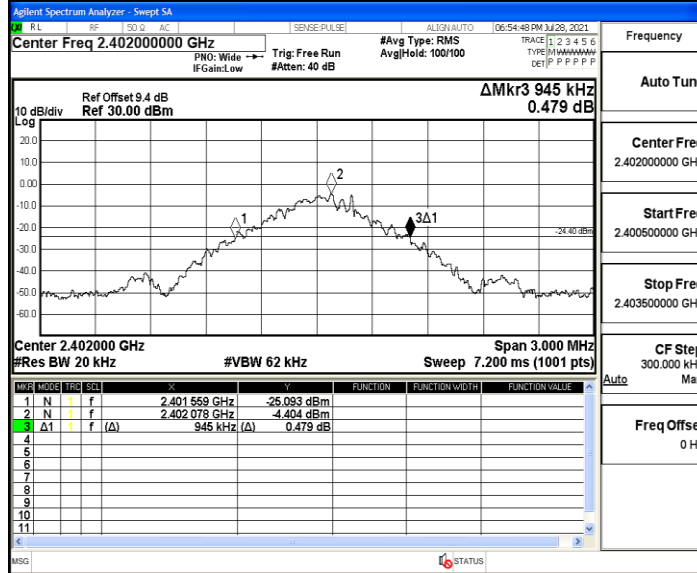
A.1: 20dB Emission Bandwidth

Test Result

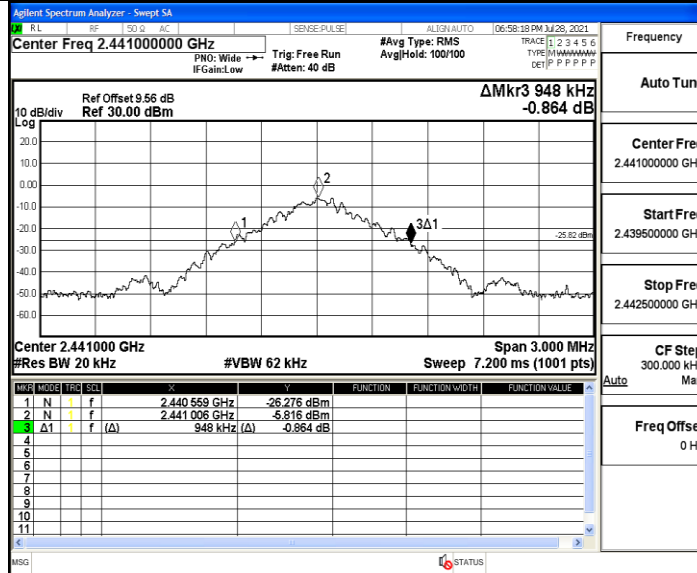
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.559	2402.504	---	PASS
		2441	0.948	2440.559	2441.507	---	PASS
		2480	0.948	2479.559	2480.507	---	PASS
2DH5	Ant1	2402	1.278	2401.394	2402.672	---	PASS
		2441	1.317	2440.361	2441.678	---	PASS
		2480	1.311	2479.367	2480.678	---	PASS
3DH5	Ant1	2402	1.296	2401.373	2402.669	---	PASS
		2441	1.293	2440.373	2441.666	---	PASS
		2480	1.308	2479.367	2480.675	---	PASS

Test Graphs

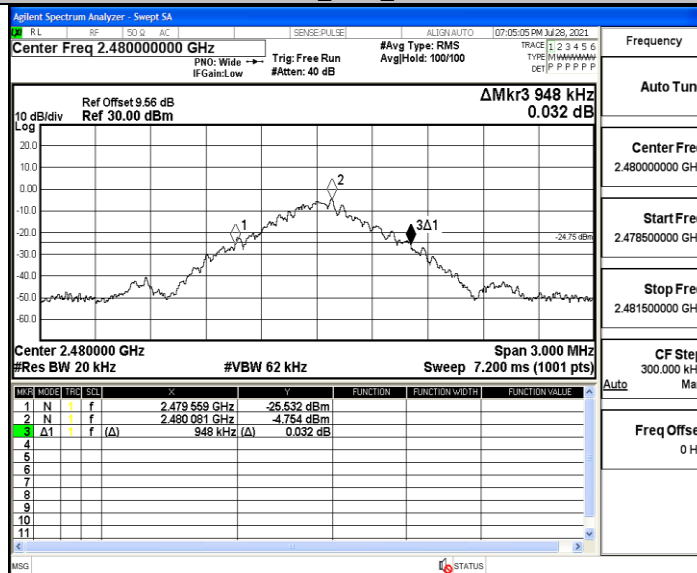
DH5_Ant1_2402



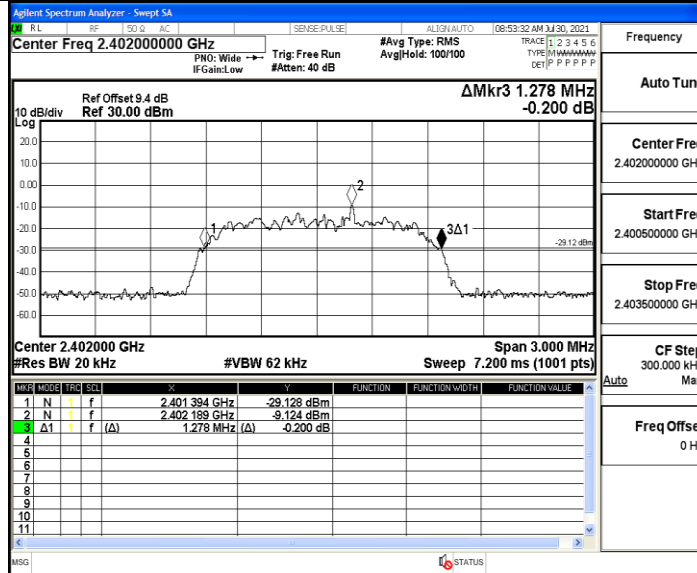
DH5_Ant1_2441



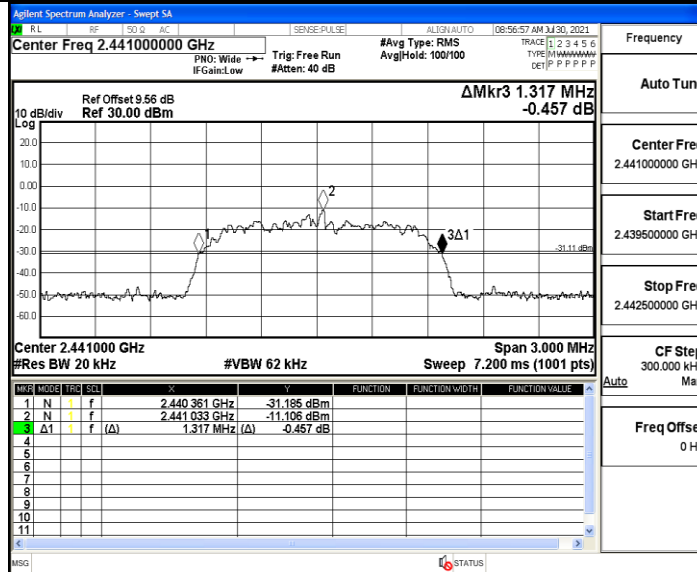
DH5_Ant1_2480



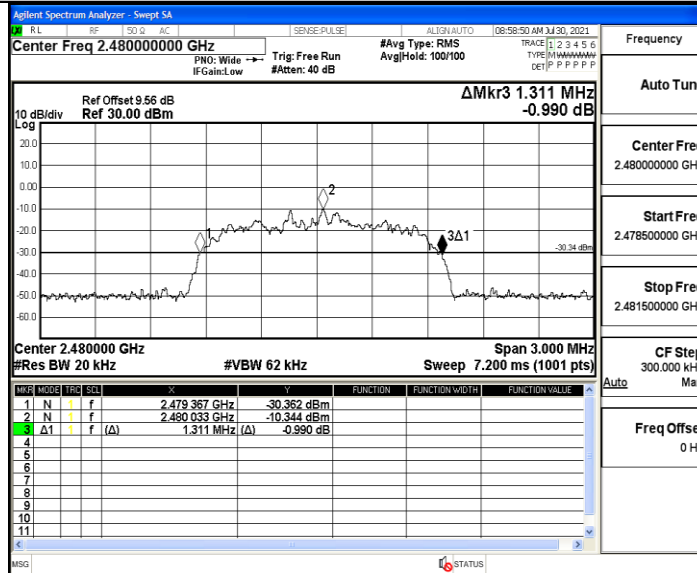
2DH5_Ant1_2402



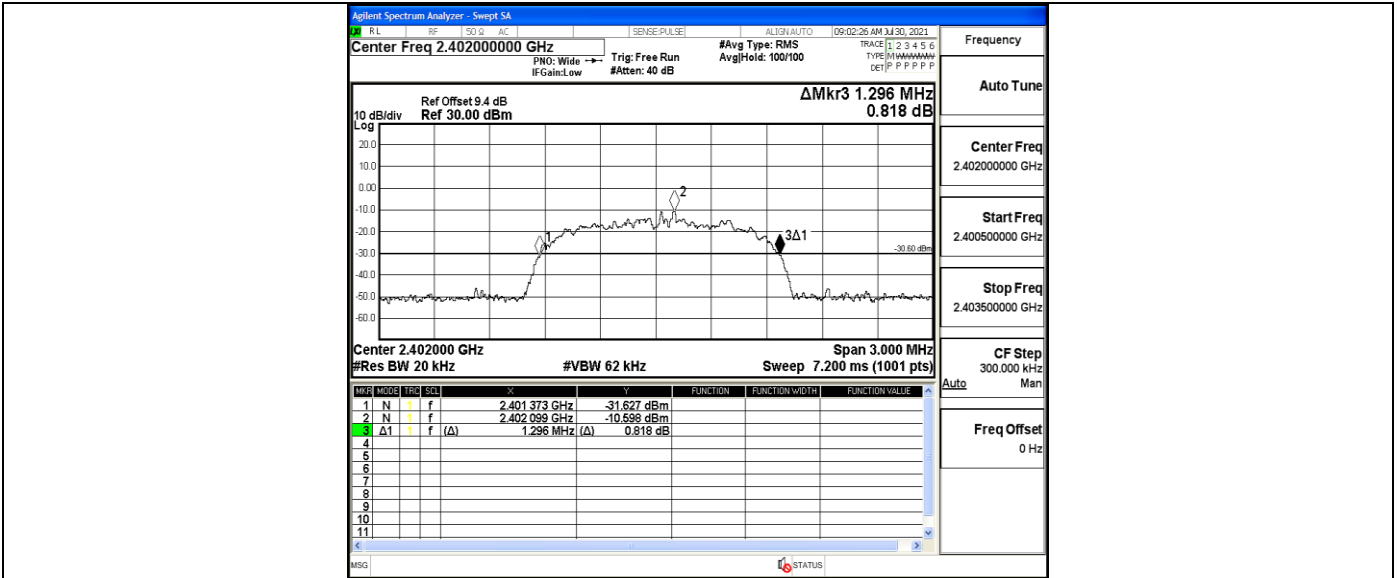
2DH5_Ant1_2441



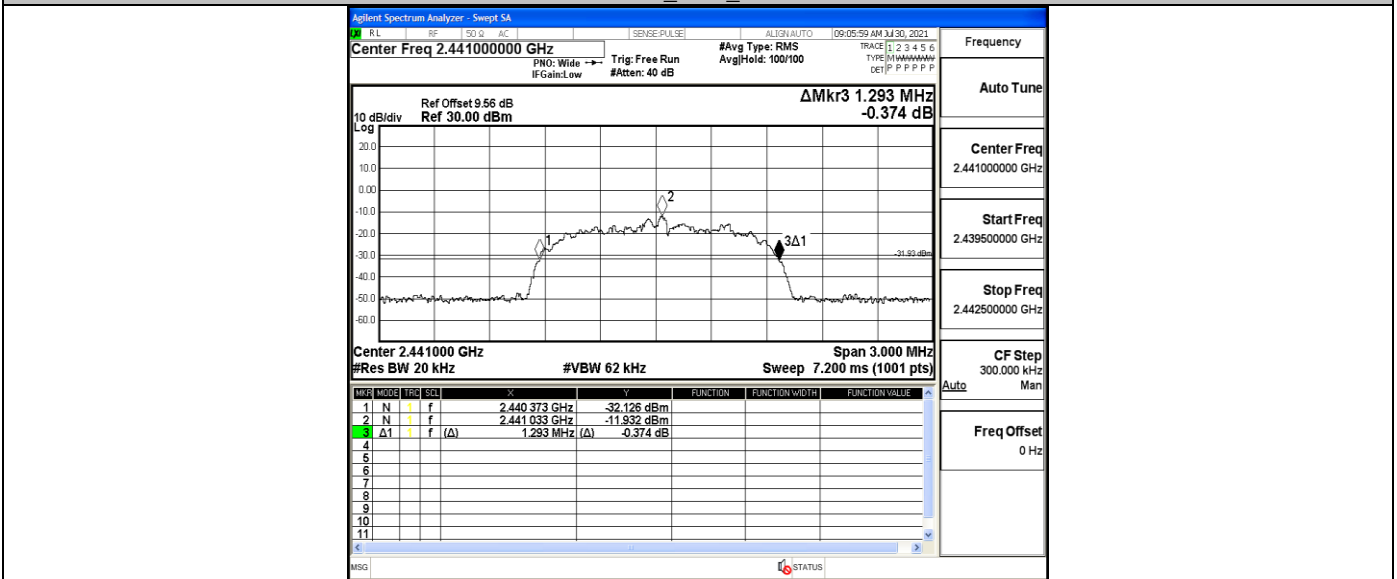
2DH5_Ant1_2480



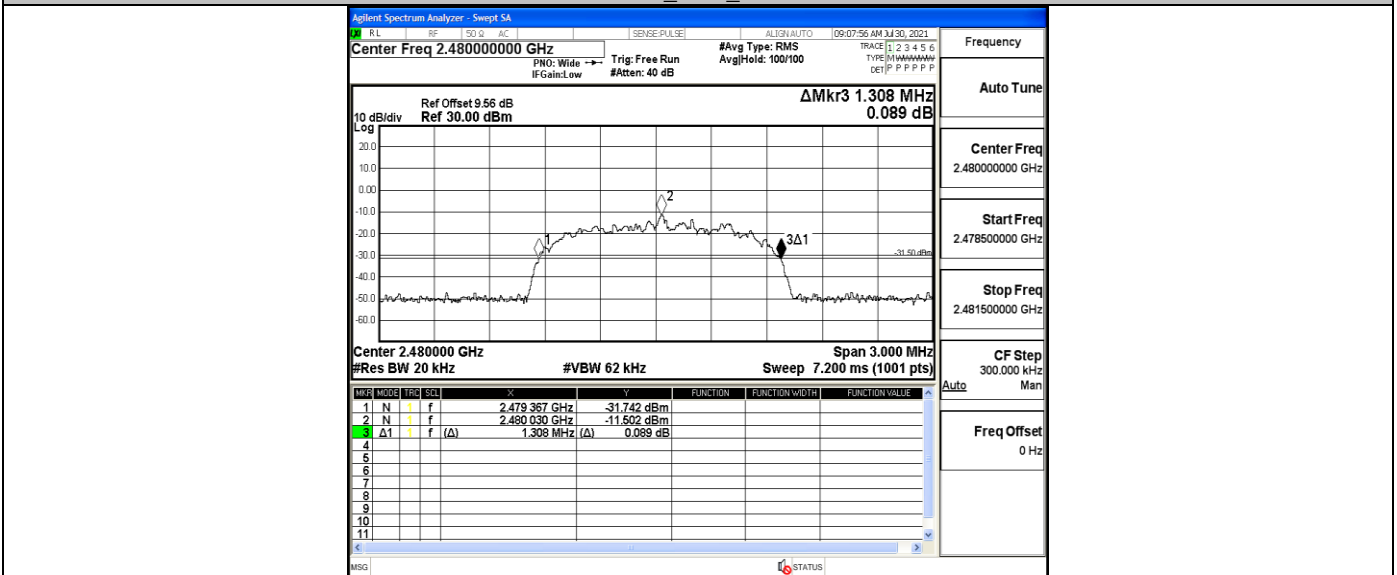
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

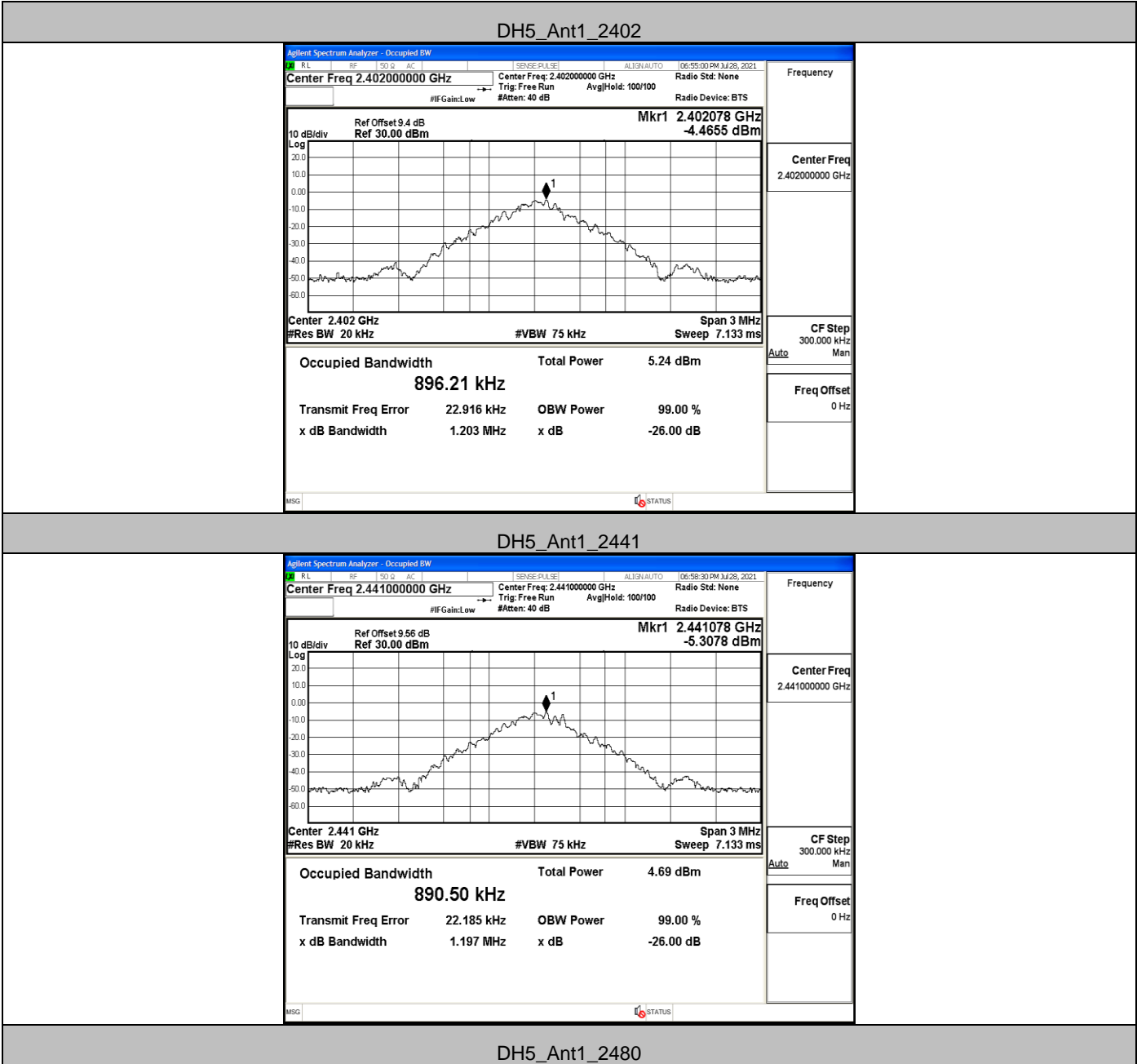


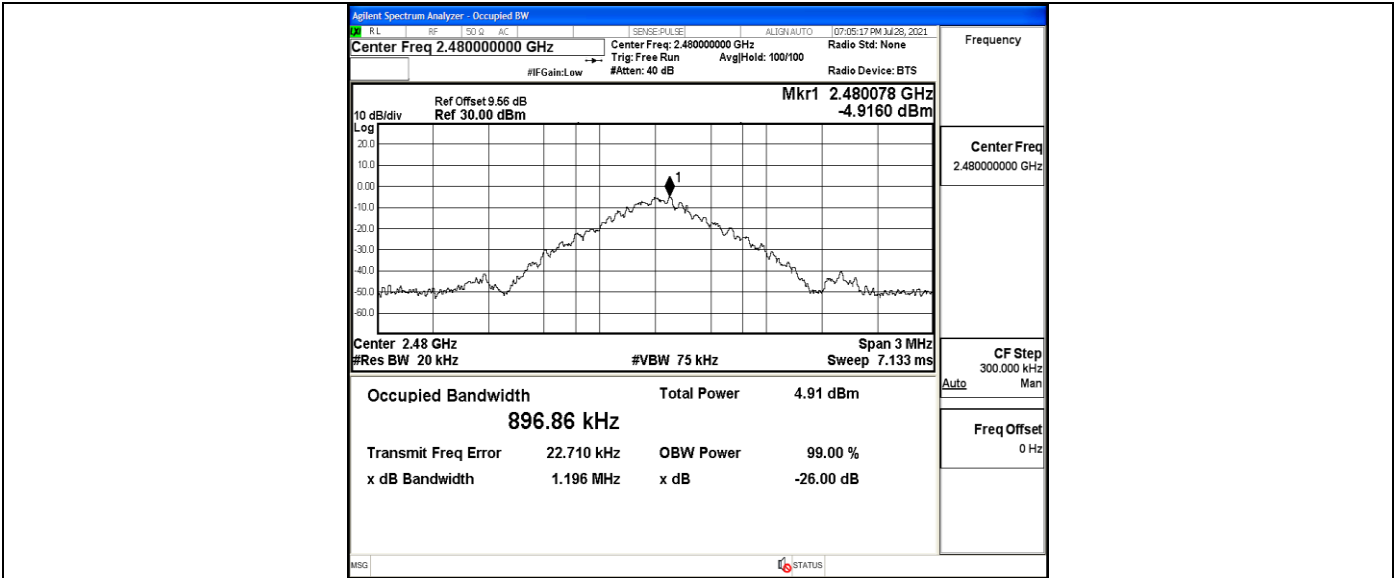
A.2: Occupied Channel Bandwidth

Test Result

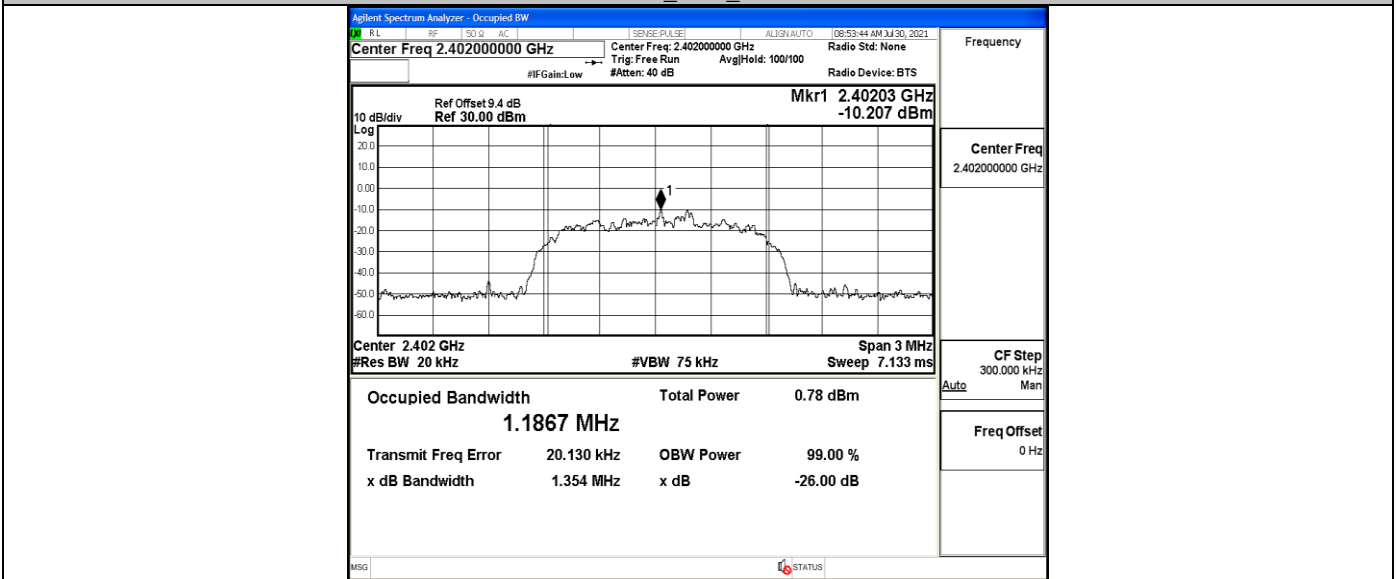
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89621	2401.575	2402.471	---	PASS
		2441	0.89050	2440.577	2441.467	---	PASS
		2480	0.89686	2479.574	2480.471	---	PASS
2DH5	Ant1	2402	1.1867	2401.427	2402.613	---	PASS
		2441	1.1766	2440.431	2441.607	---	PASS
		2480	1.1854	2479.427	2480.612	---	PASS
3DH5	Ant1	2402	1.1947	2401.417	2402.612	---	PASS
		2441	1.2056	2440.411	2441.616	---	PASS
		2480	1.1915	2479.421	2480.612	---	PASS

Test Graphs

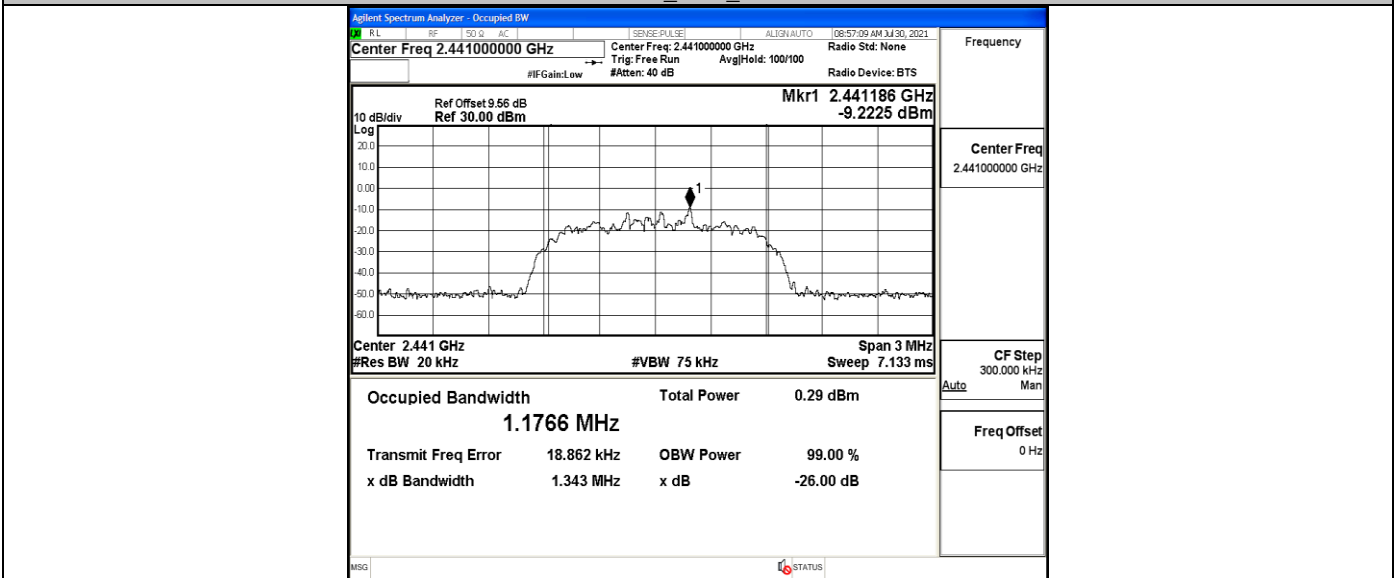




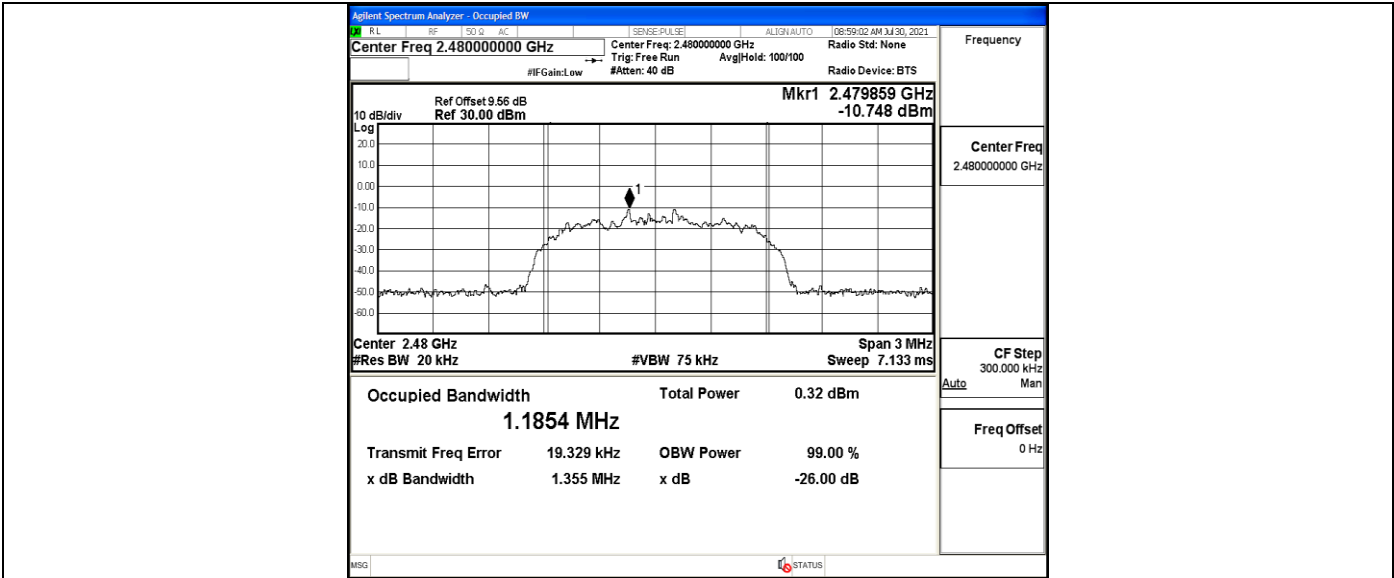
2DH5_Ant1_2402



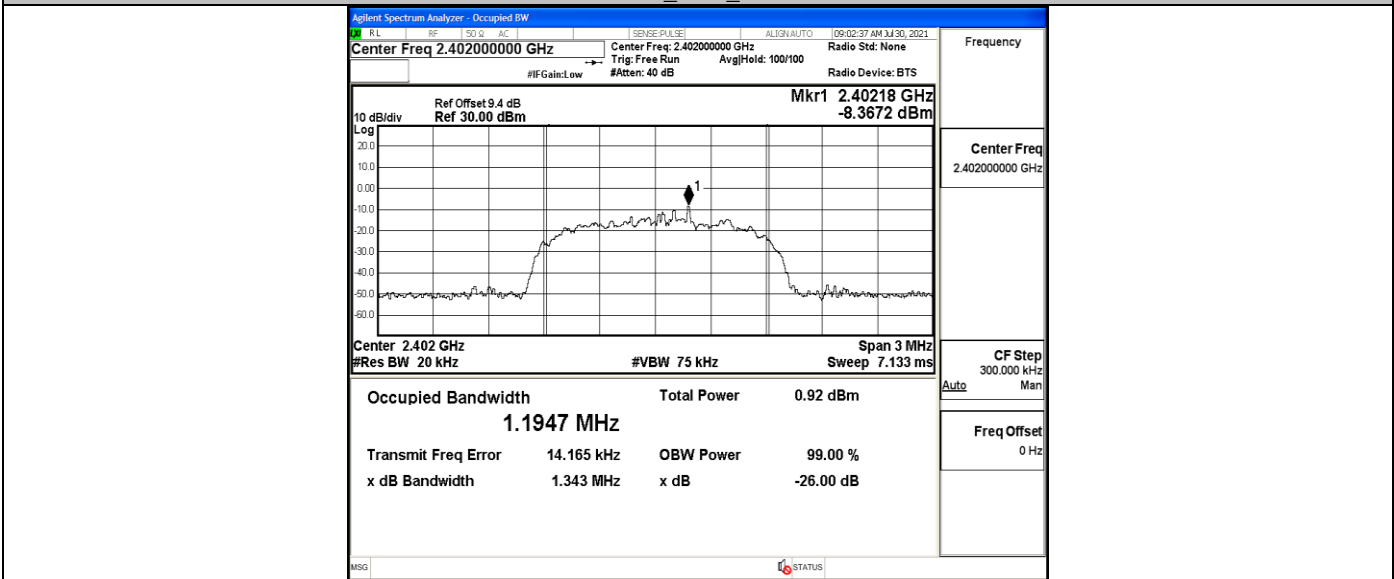
2DH5_Ant1_2441



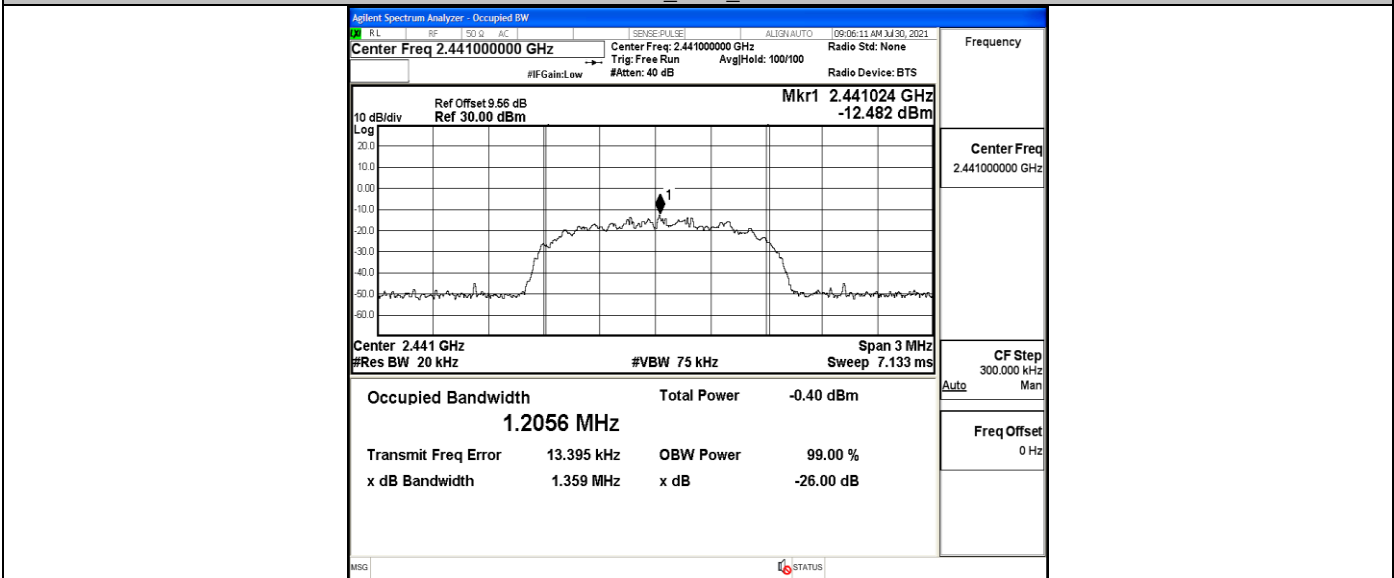
2DH5_Ant1_2480



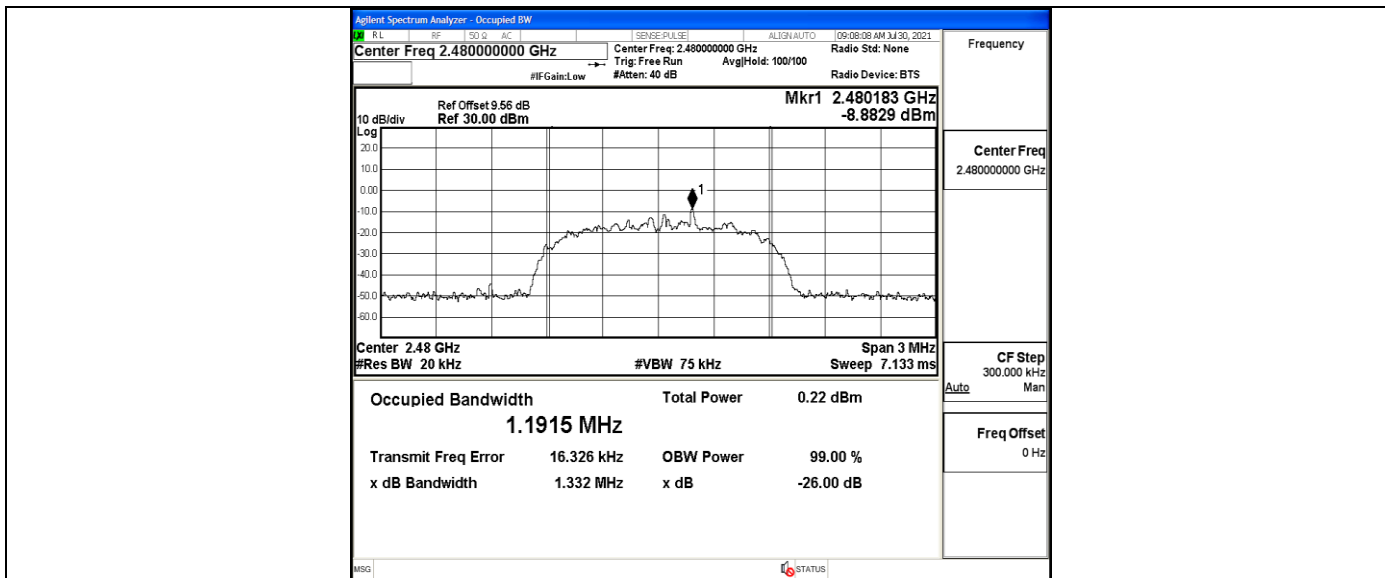
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



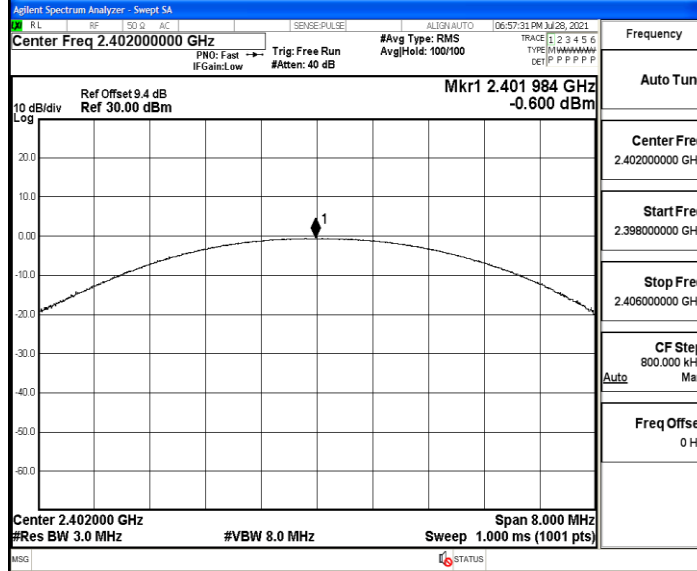
A.3: Maximum conducted output power

Test Result

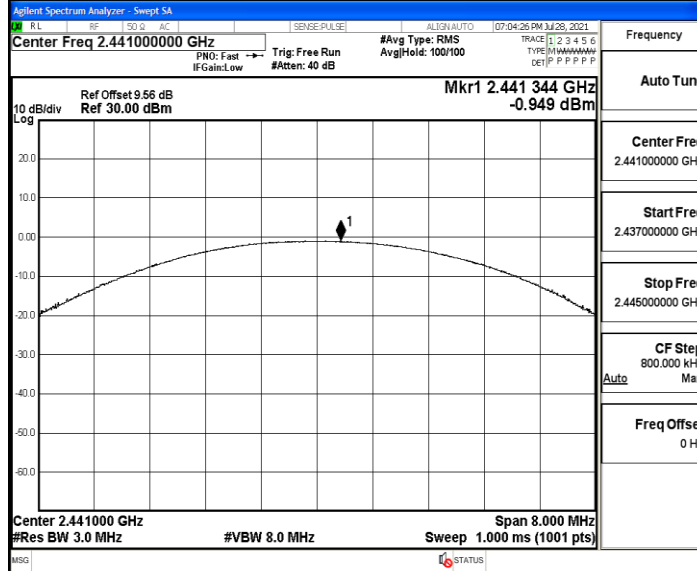
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.6	≤30.00	PASS
		2441	-0.95	≤30.00	PASS
		2480	-0.94	≤30.00	PASS
2DH5	Ant1	2402	-3.42	≤20.97	PASS
		2441	-4.25	≤20.97	PASS
		2480	-4.12	≤20.97	PASS
3DH5	Ant1	2402	-3.1	≤20.97	PASS
		2441	-4.19	≤20.97	PASS
		2480	-3.64	≤20.97	PASS

Test Graphs

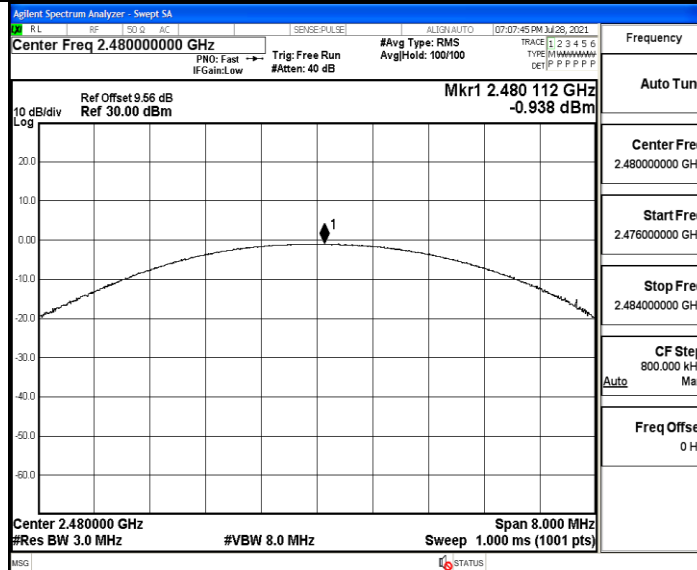
DH5_Ant1_2402



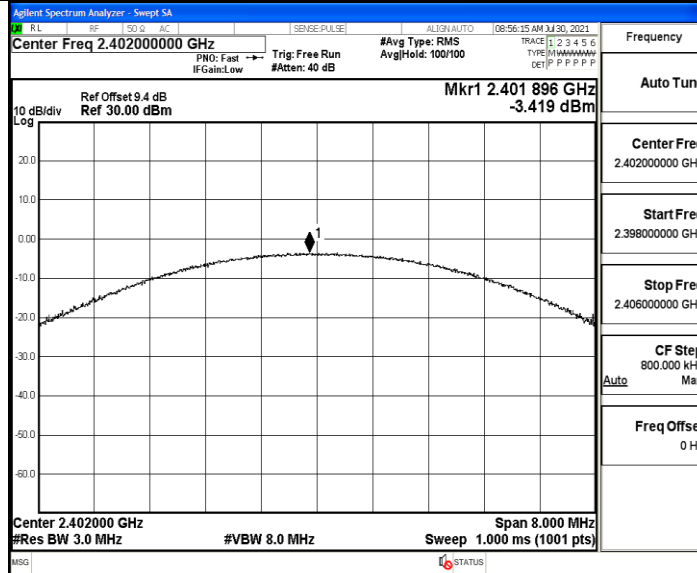
DH5_Ant1_2441



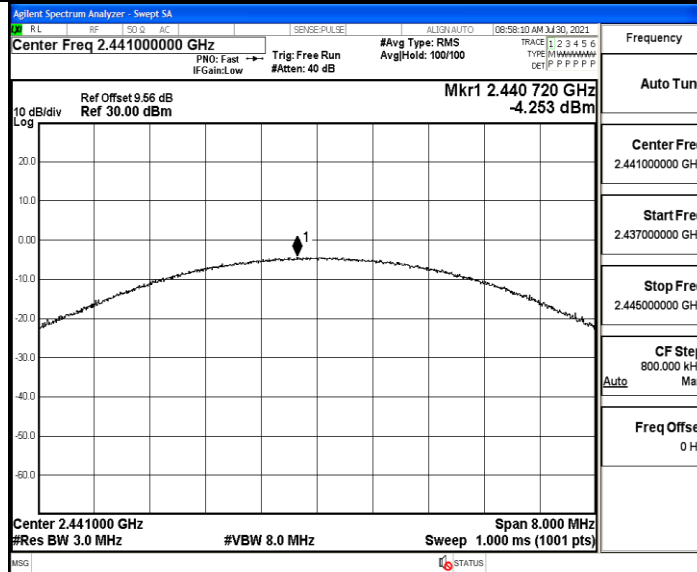
DH5_Ant1_2480



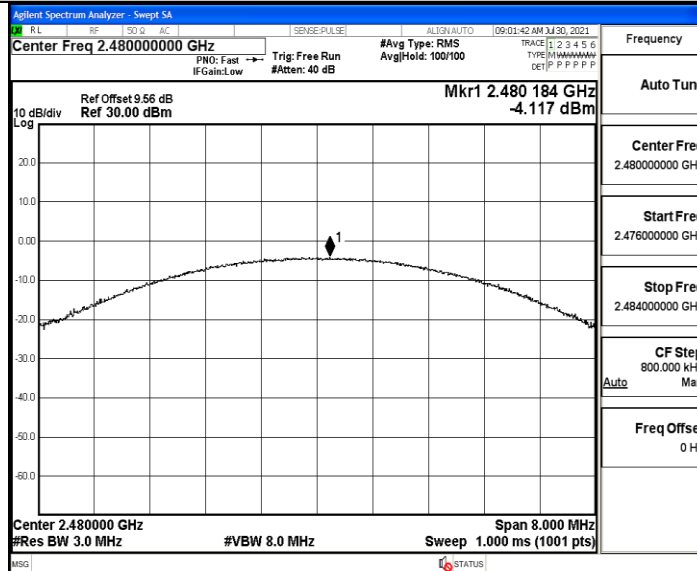
2DH5_Ant1_2402



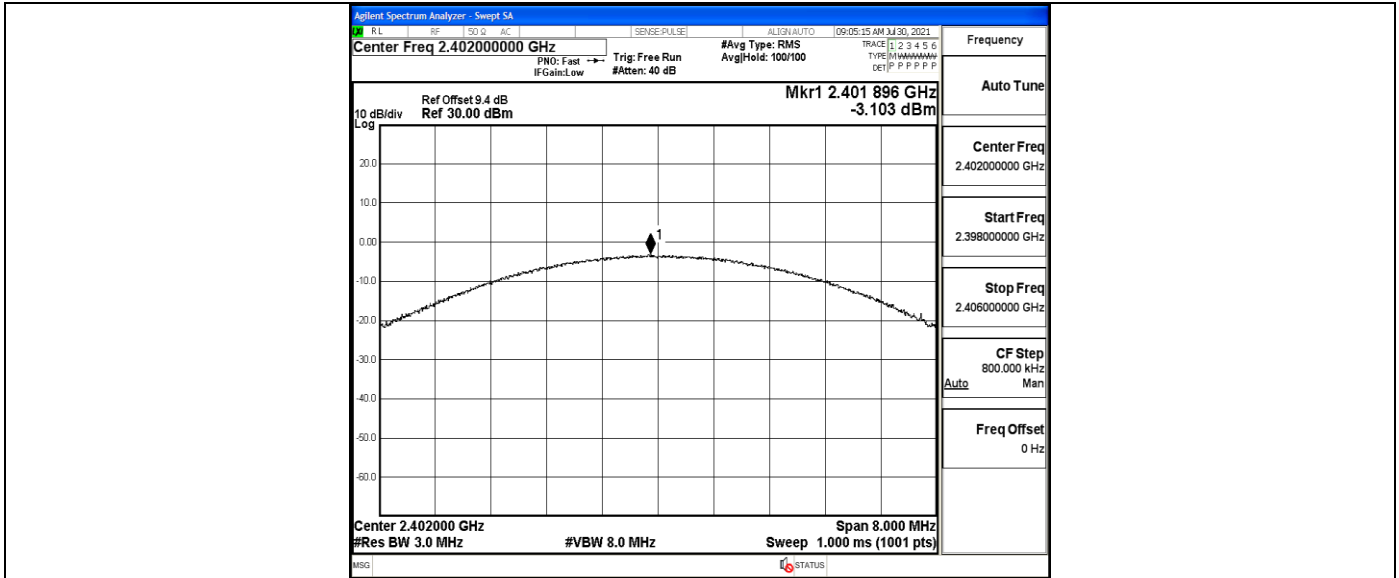
2DH5_Ant1_2441



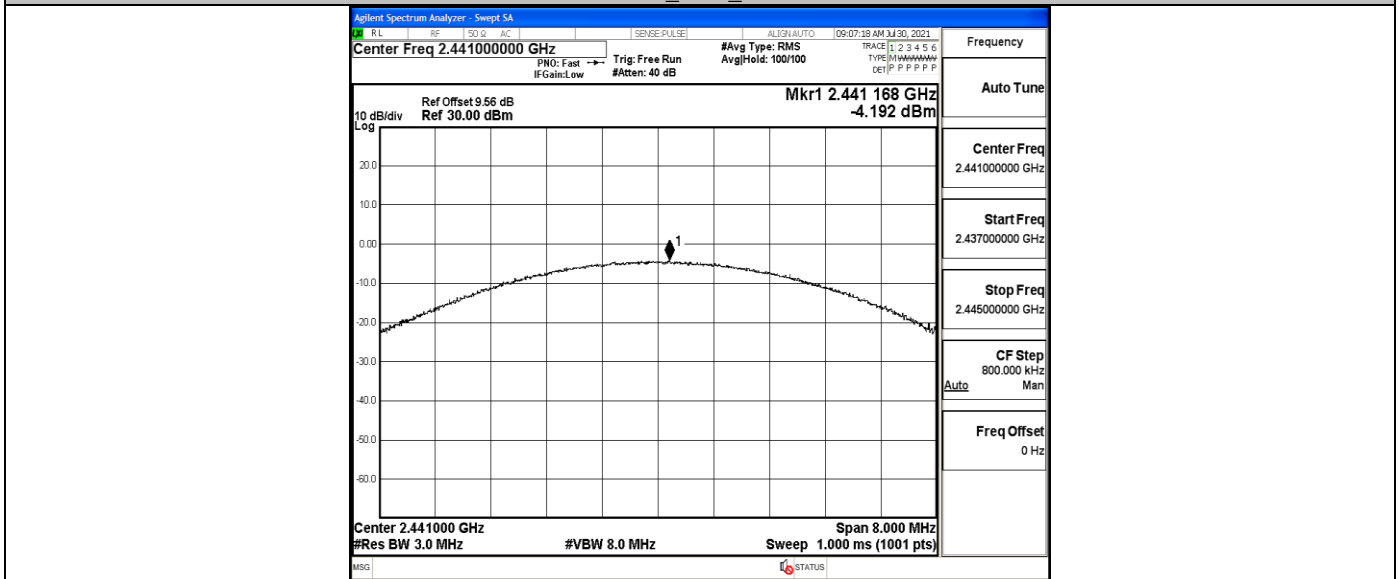
2DH5_Ant1_2480



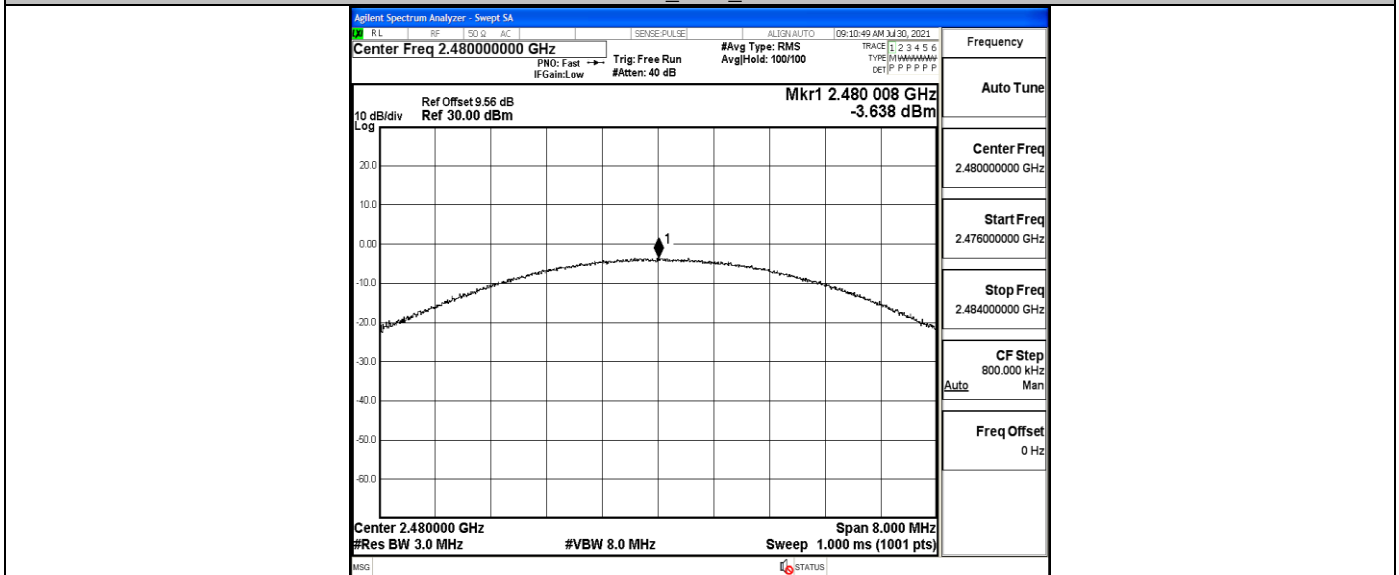
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

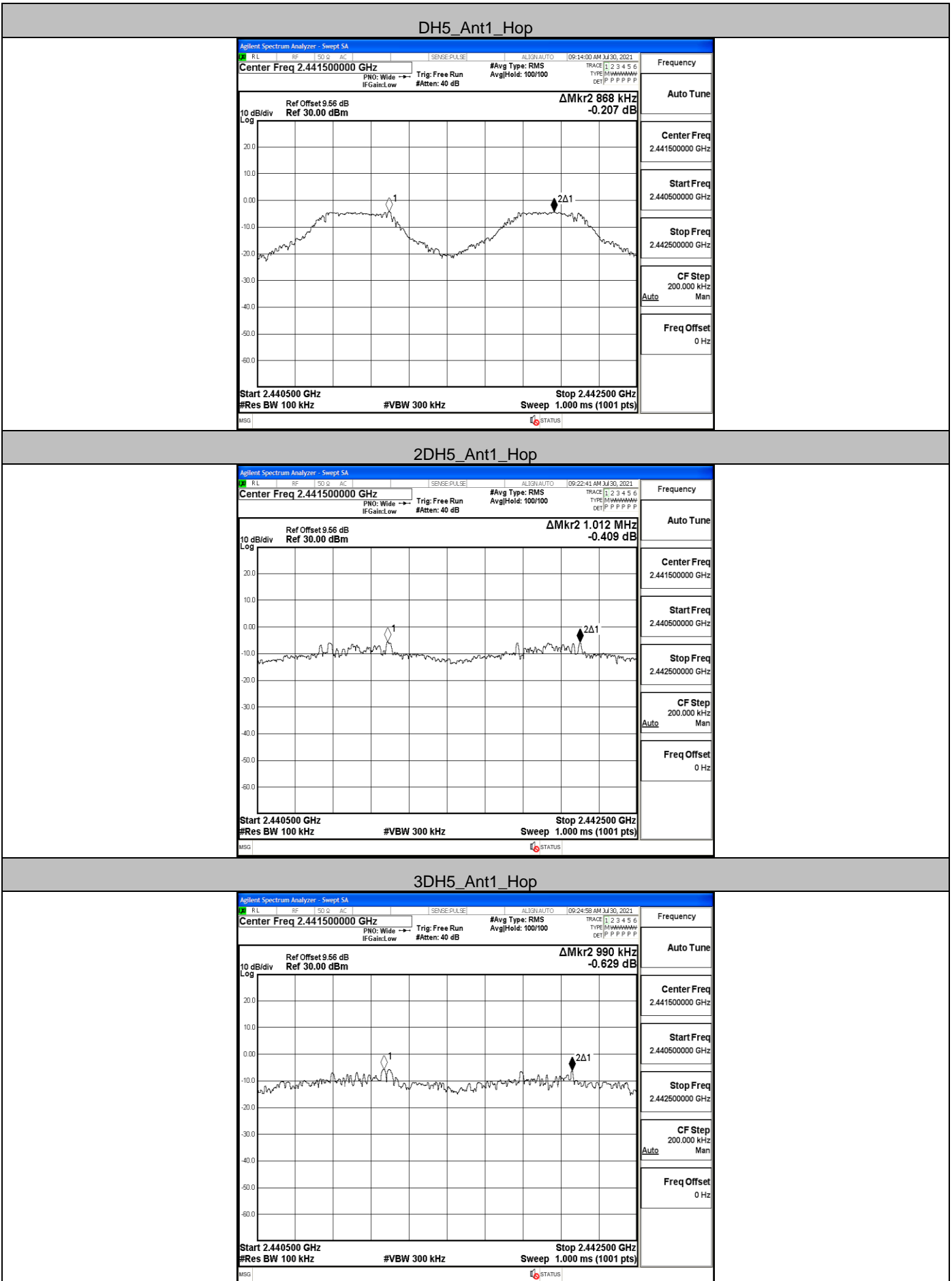


A.4: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.868	≥ 0.632	PASS
2DH5	Ant1	Hop	1.012	≥ 0.878	PASS
3DH5	Ant1	Hop	0.99	≥ 0.872	PASS

Test Graphs

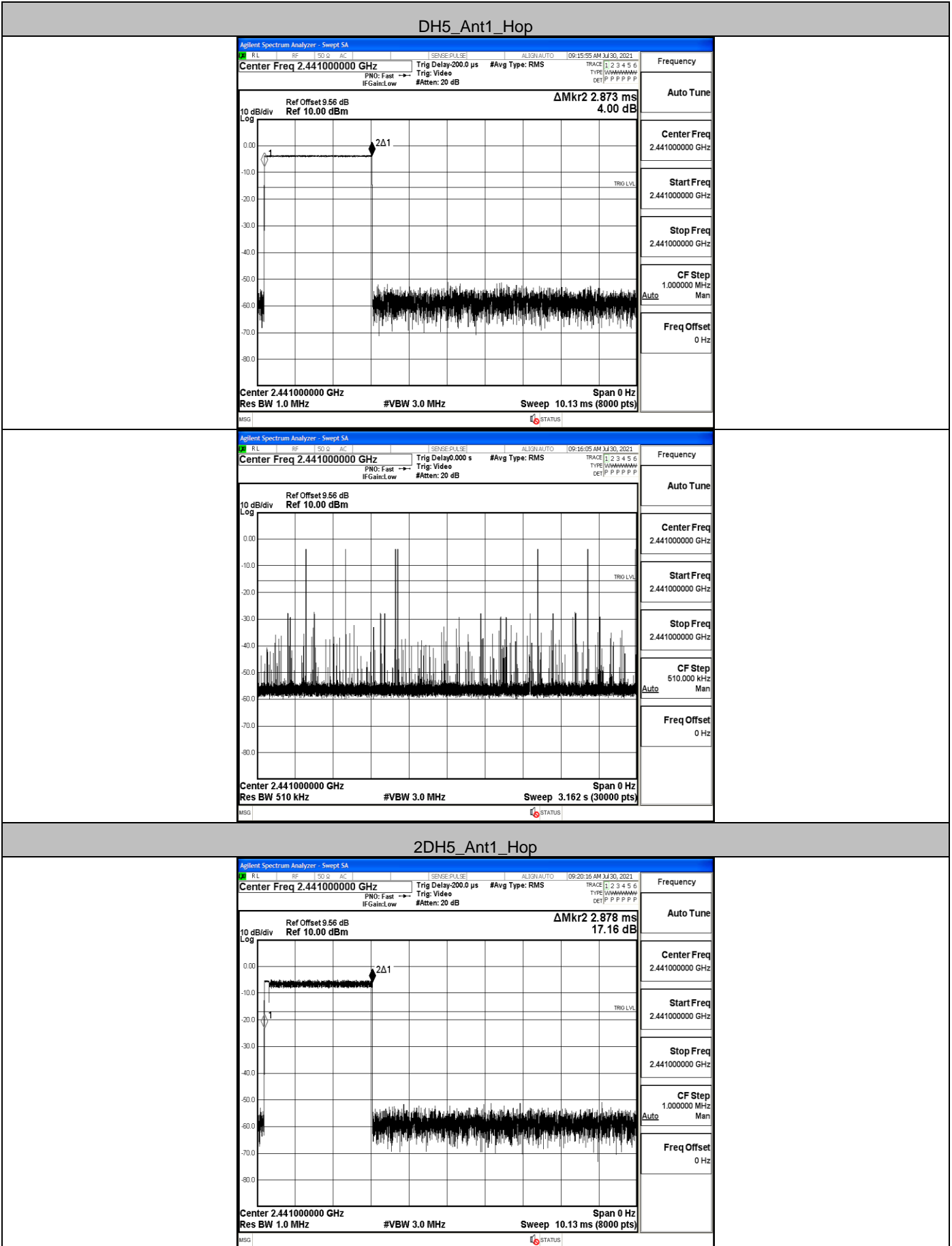


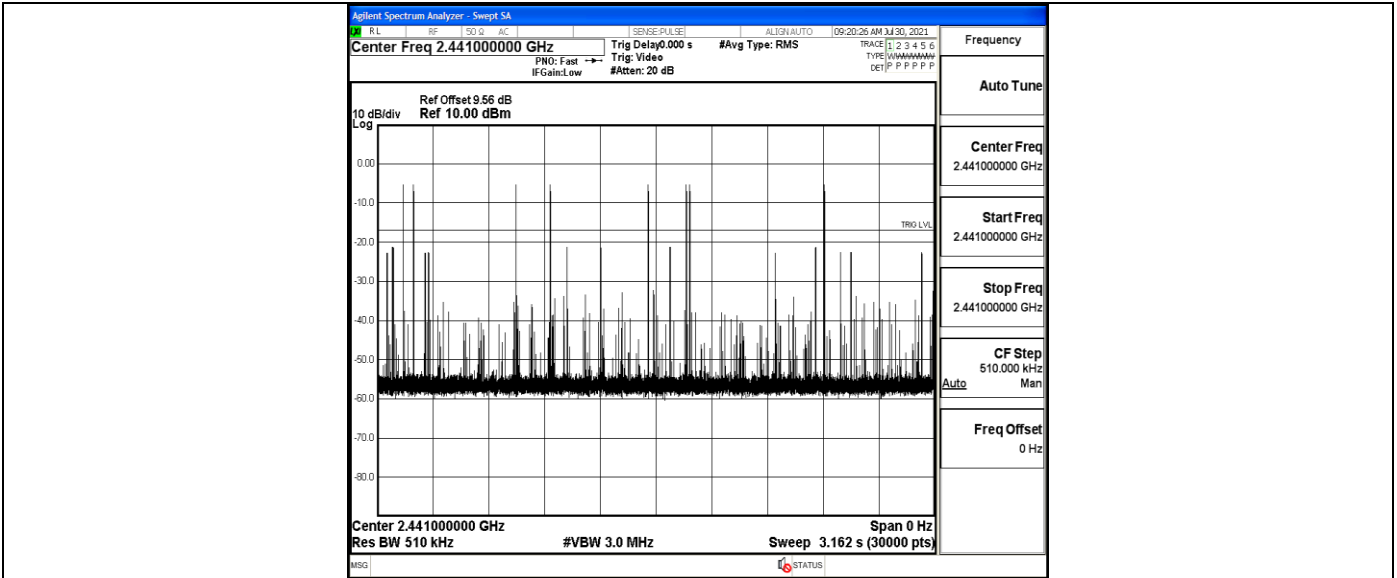
A.5: Time of occupancy

Test Result

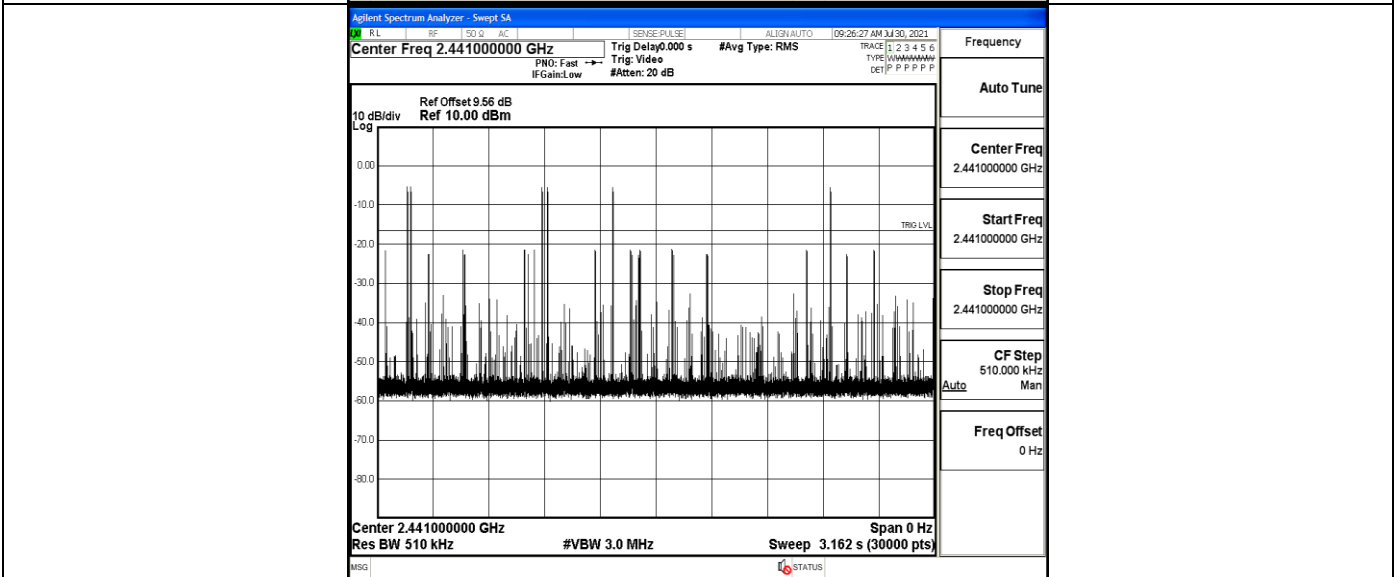
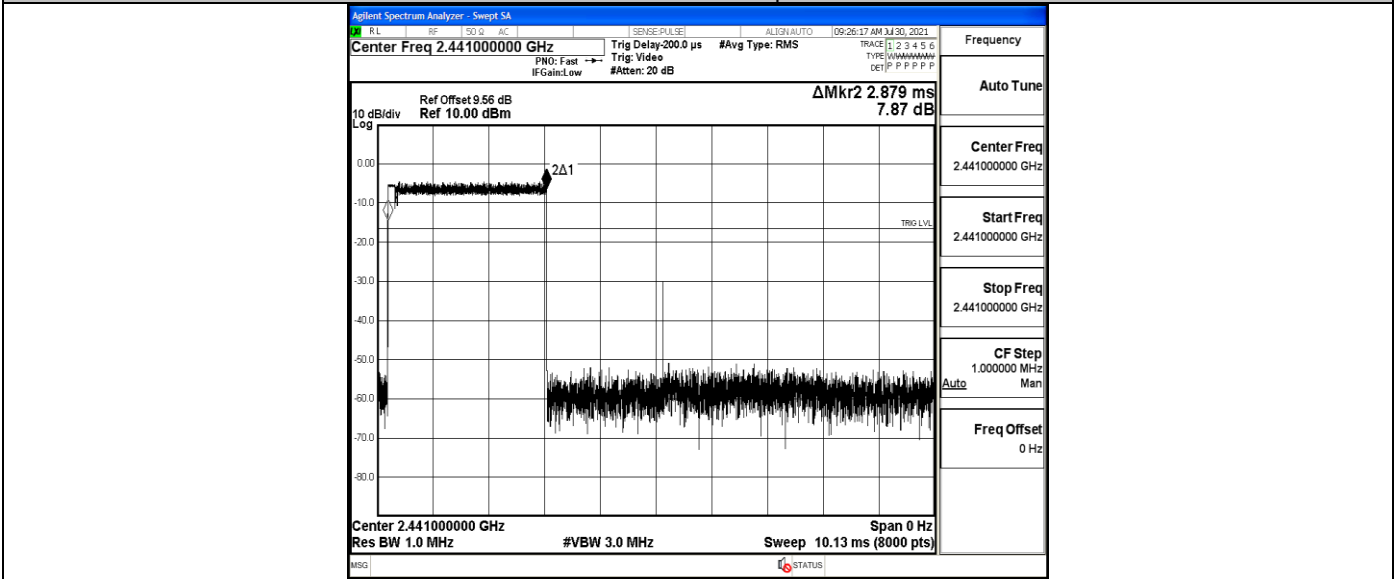
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.87	80	0.23	≤0.4	PASS
2DH5	Ant1	Hop	2.88	90	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.88	70	0.202	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

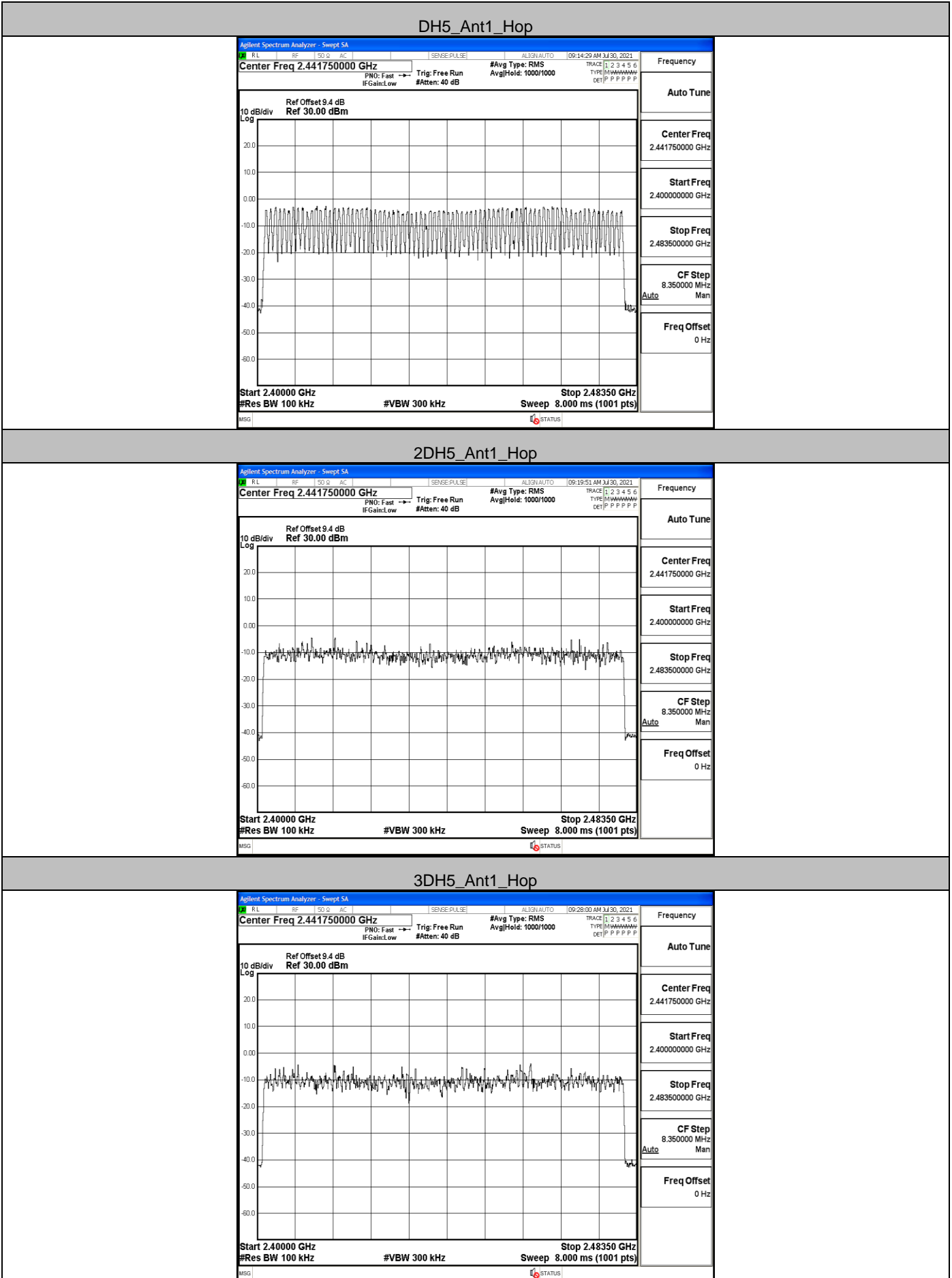


A.6: Number of hopping channels

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

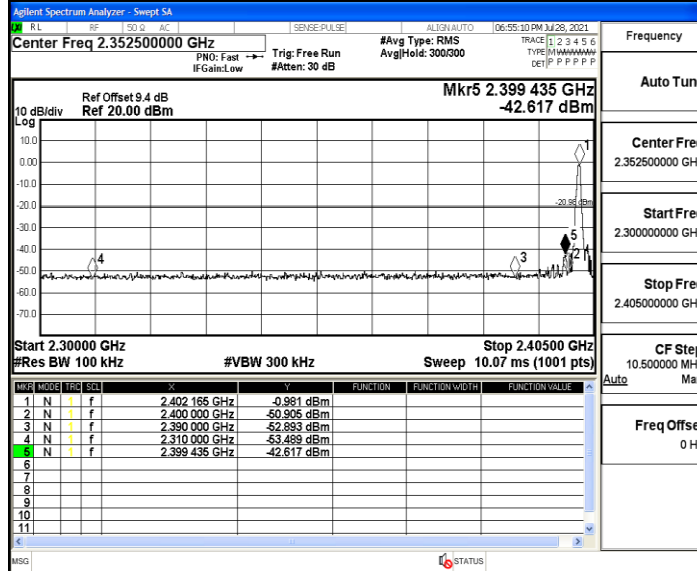


A.7: Band edge measurements**Test Result**

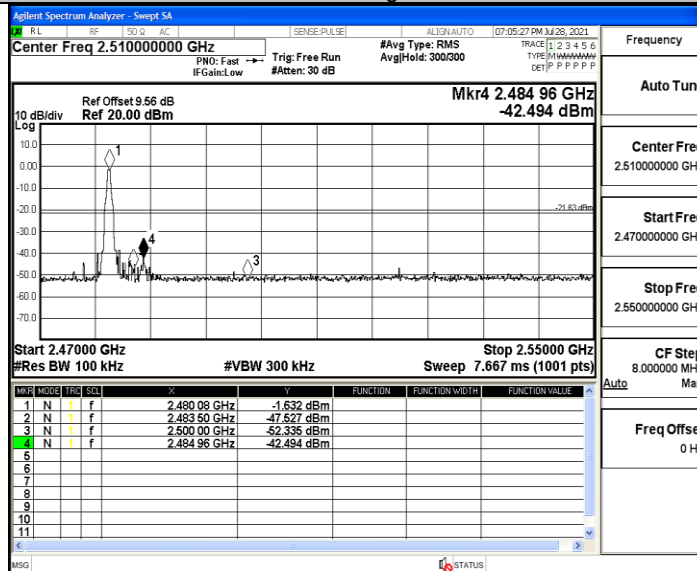
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.98	-42.62	≤-20.98	PASS
		High	2480	-1.63	-42.49	≤-21.63	PASS
		Low	Hop_2402	-2.55	-48.99	≤-22.55	PASS
		High	Hop_2480	-2.21	-47.45	≤-22.21	PASS
2DH5	Ant1	Low	2402	-4.20	-43.94	≤-24.2	PASS
		High	2480	-3.95	-42.9	≤-23.95	PASS
		Low	Hop_2402	-8.96	-48.54	≤-28.96	PASS
		High	Hop_2480	-4.82	-47.54	≤-24.82	PASS
3DH5	Ant1	Low	2402	-5.61	-42.95	≤-25.61	PASS
		High	2480	-4.24	-44.63	≤-24.24	PASS
		Low	Hop_2402	-6.87	-48.37	≤-26.87	PASS
		High	Hop_2480	-5.35	-47.8	≤-25.35	PASS

Test Graphs

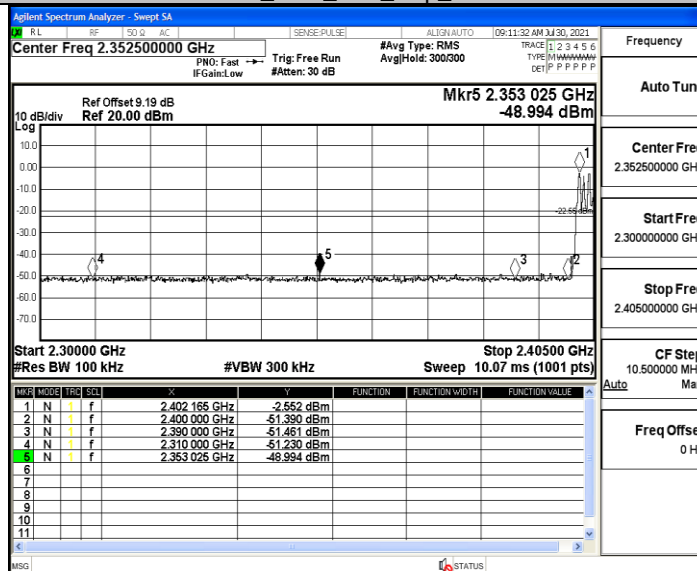
DH5_Ant1_Low_2402



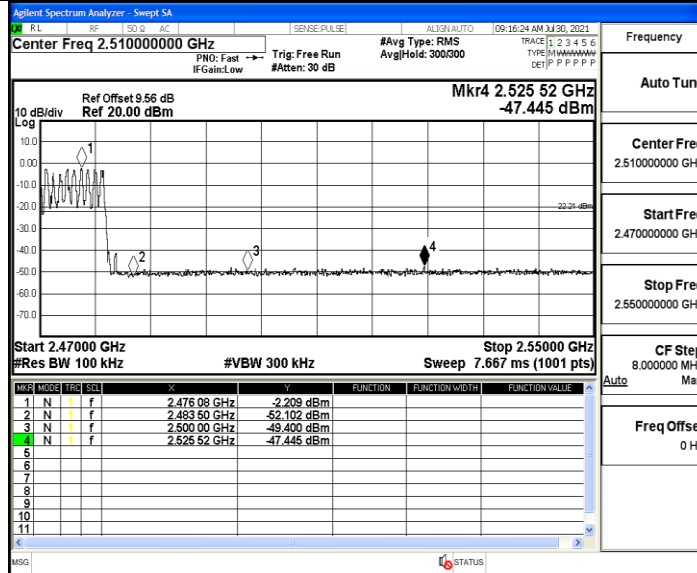
DH5_Ant1_High_2480



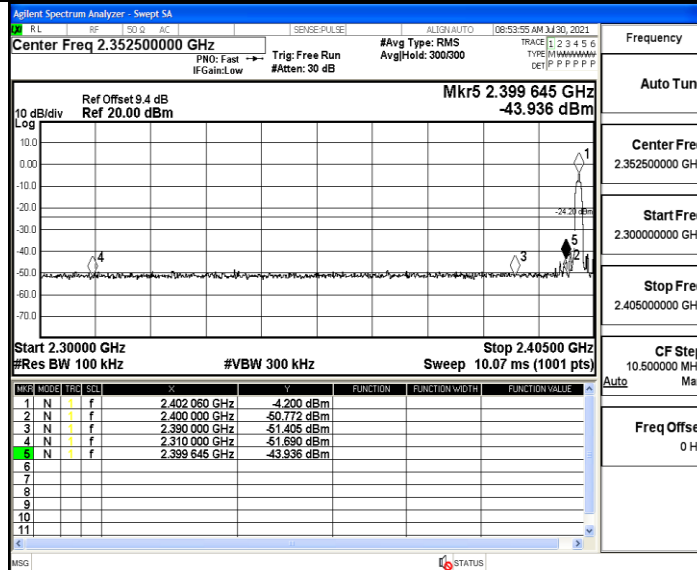
DH5_Ant1_Low_Hop_2402



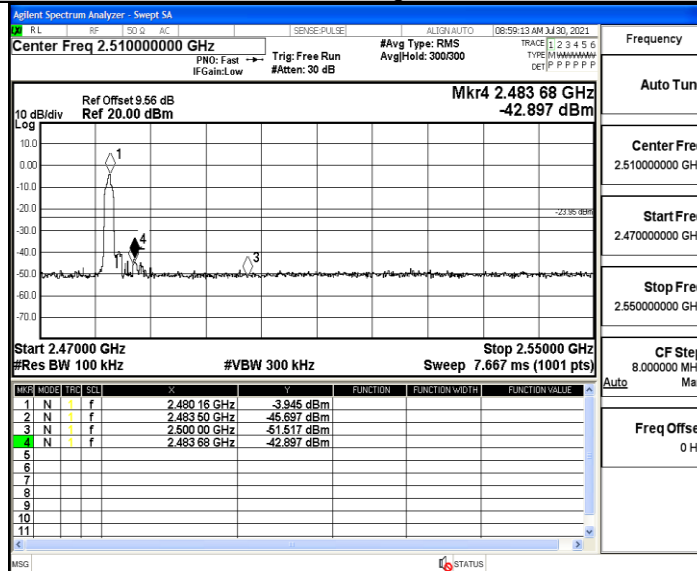
DH5_Ant1_High_Hop_2480



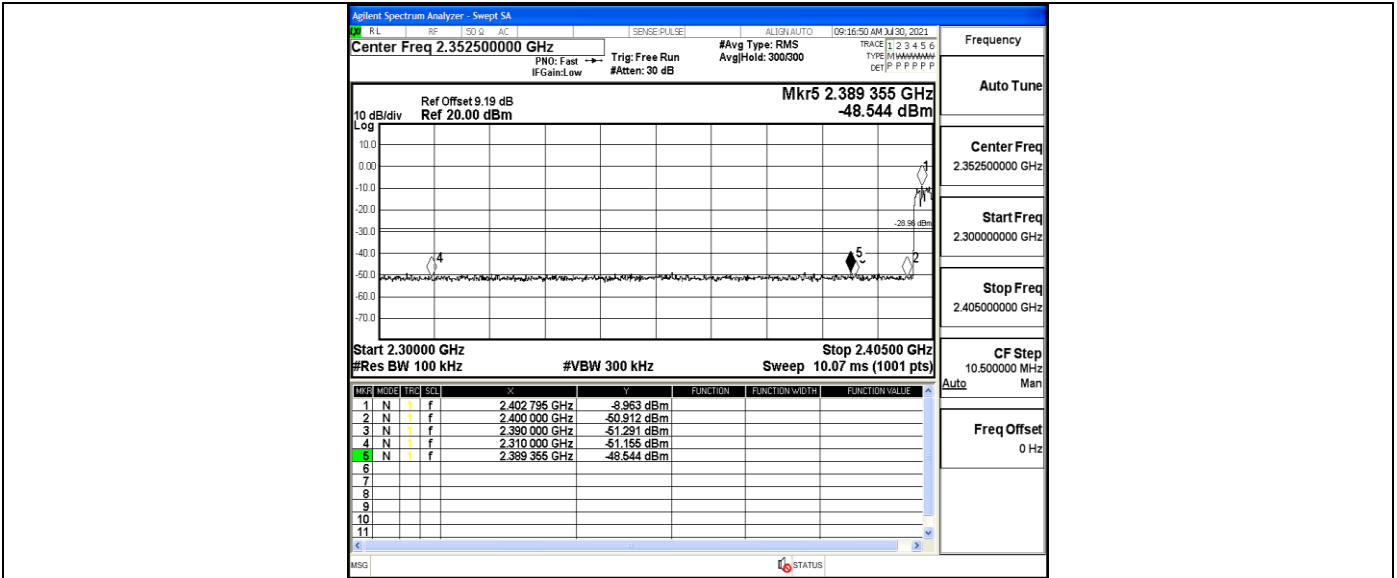
2DH5_Ant1_Low_2402



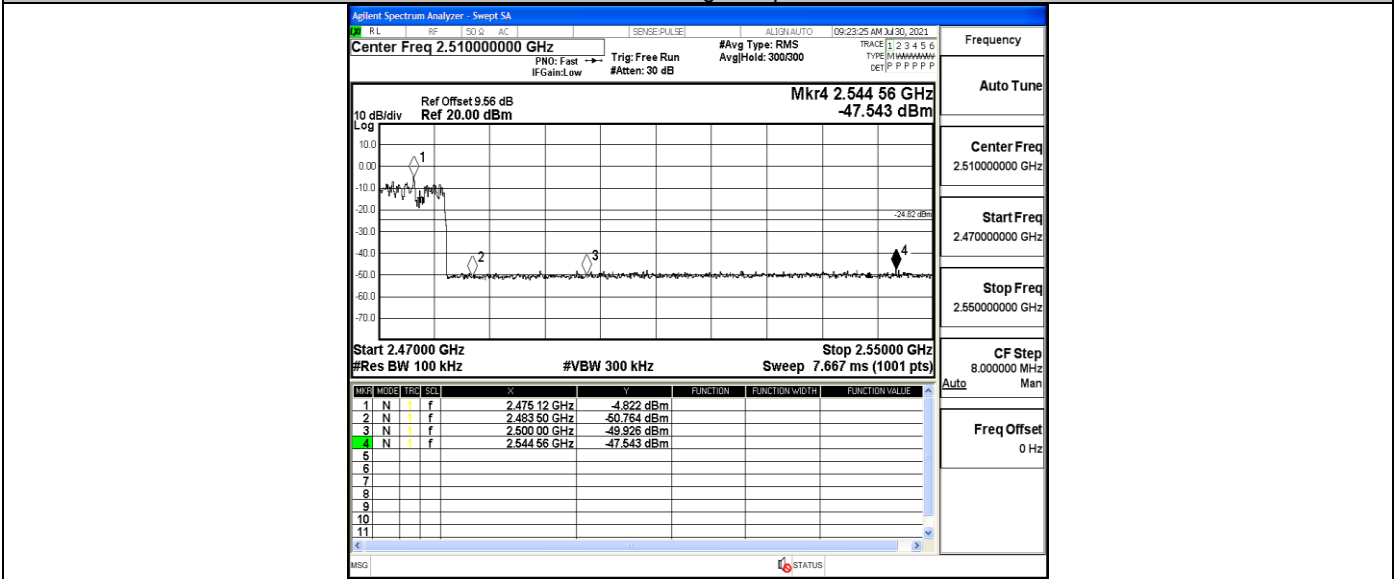
2DH5_Ant1_High_2480



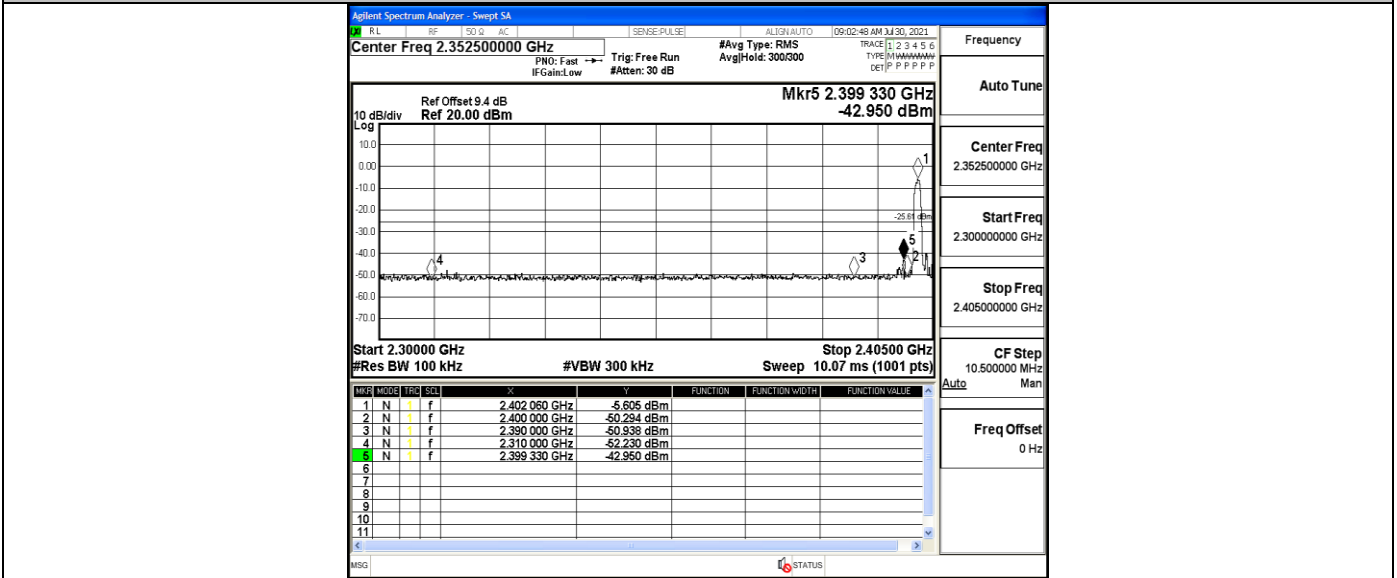
2DH5_Ant1_Low_Hop_2402



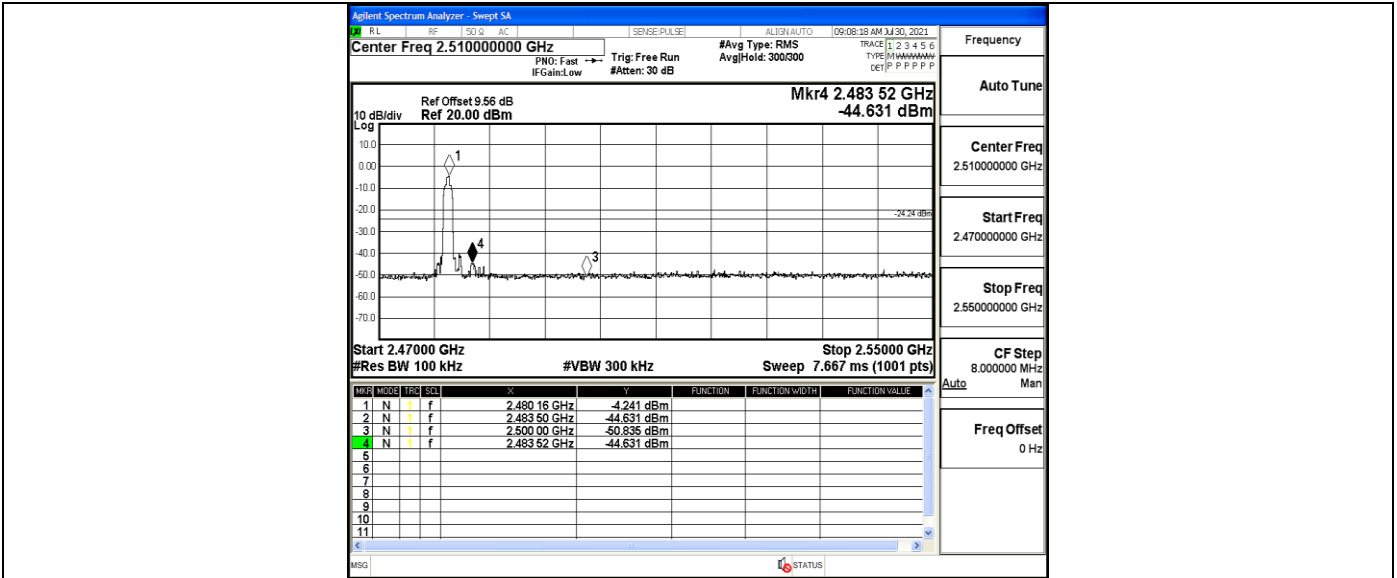
2DH5_Ant1_High_Hop_2480



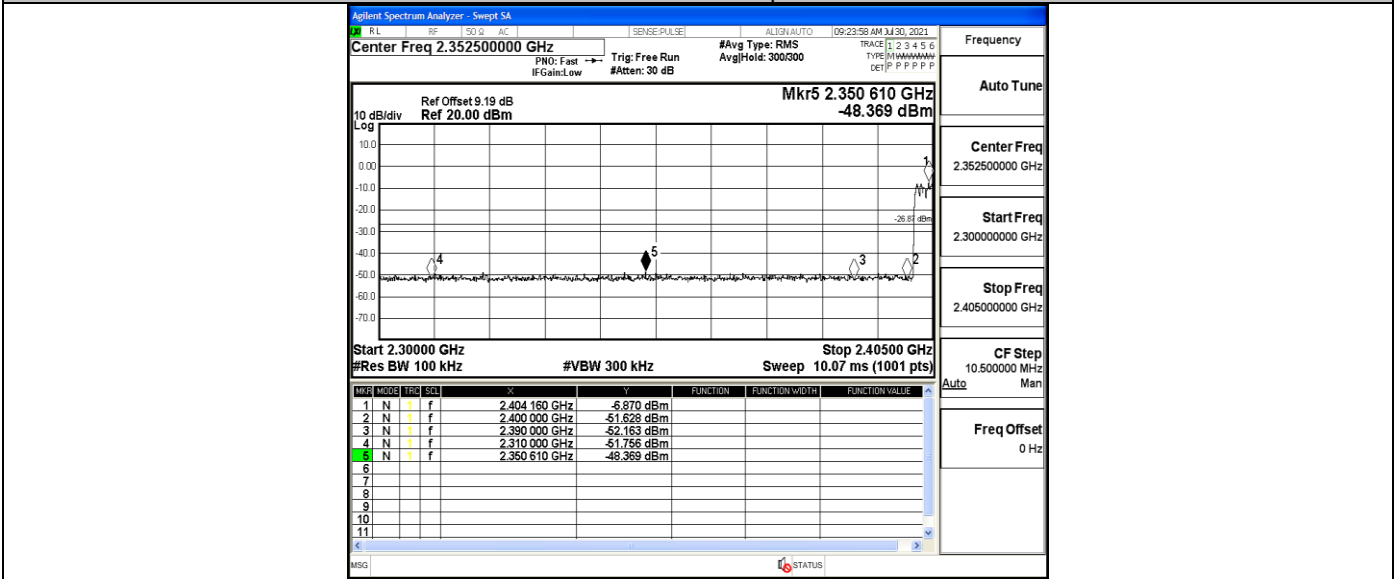
3DH5_Ant1_Low_2402



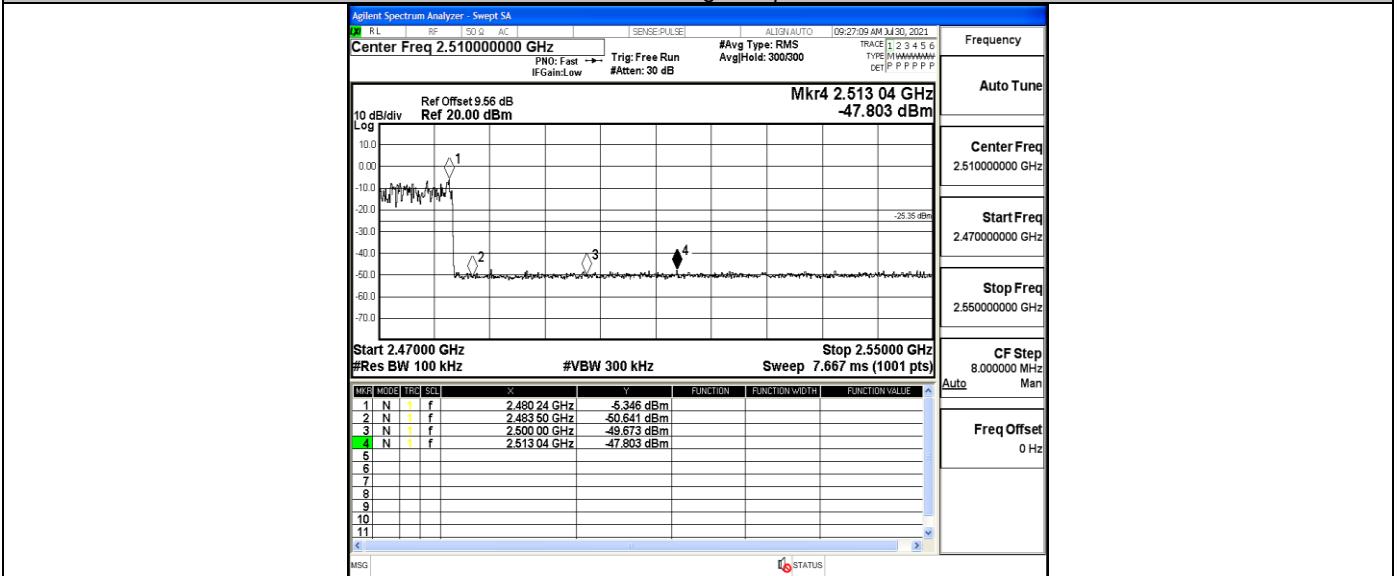
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

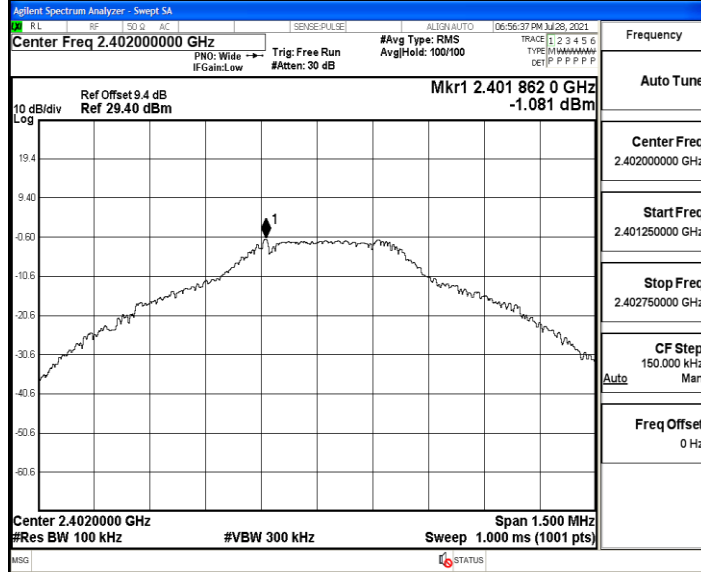


A.8: Conducted Spurious Emission Test Result

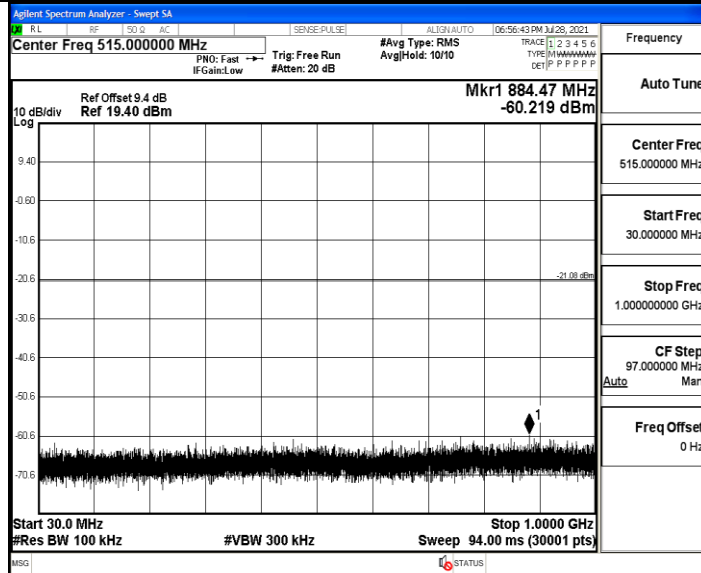
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-60.22	≤-21.08	PASS
			1000~26500	-1.08	-40.94	≤-21.08	PASS
		2441	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-60.71	≤-21.76	PASS
			1000~26500	-1.76	-43.8	≤-21.76	PASS
		2480	Reference	-1.92	-1.92	---	PASS
			30~1000	-1.92	-60.83	≤-21.92	PASS
			1000~26500	-1.92	-43.62	≤-21.92	PASS
2DH5	Ant1	2402	Reference	-3.79	-3.79	---	PASS
			30~1000	-3.79	-61.69	≤-23.79	PASS
			1000~26500	-3.79	-50	≤-23.79	PASS
		2441	Reference	-5.28	-5.28	---	PASS
			30~1000	-5.28	-61.12	≤-25.28	PASS
			1000~26500	-5.28	-48.16	≤-25.28	PASS
		2480	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-60.5	≤-24.37	PASS
			1000~26500	-4.37	-49.63	≤-24.37	PASS
3DH5	Ant1	2402	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-61.33	≤-24.37	PASS
			1000~26500	-4.37	-47.74	≤-24.37	PASS
		2441	Reference	-5.43	-5.43	---	PASS
			30~1000	-5.43	-60.13	≤-25.43	PASS
			1000~26500	-5.43	-46.75	≤-25.43	PASS
		2480	Reference	-4.05	-4.05	---	PASS
			30~1000	-4.05	-60.78	≤-24.05	PASS
			1000~26500	-4.05	-45.31	≤-24.05	PASS

Test Graphs

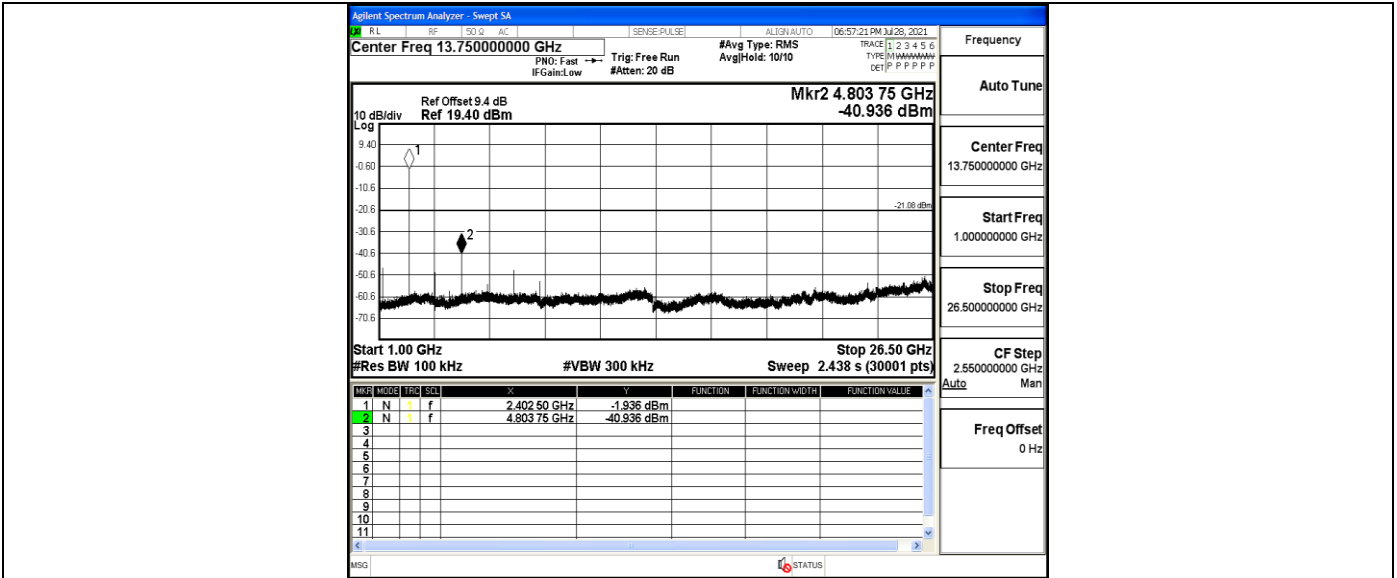
DH5_Ant1_2402_0~Reference



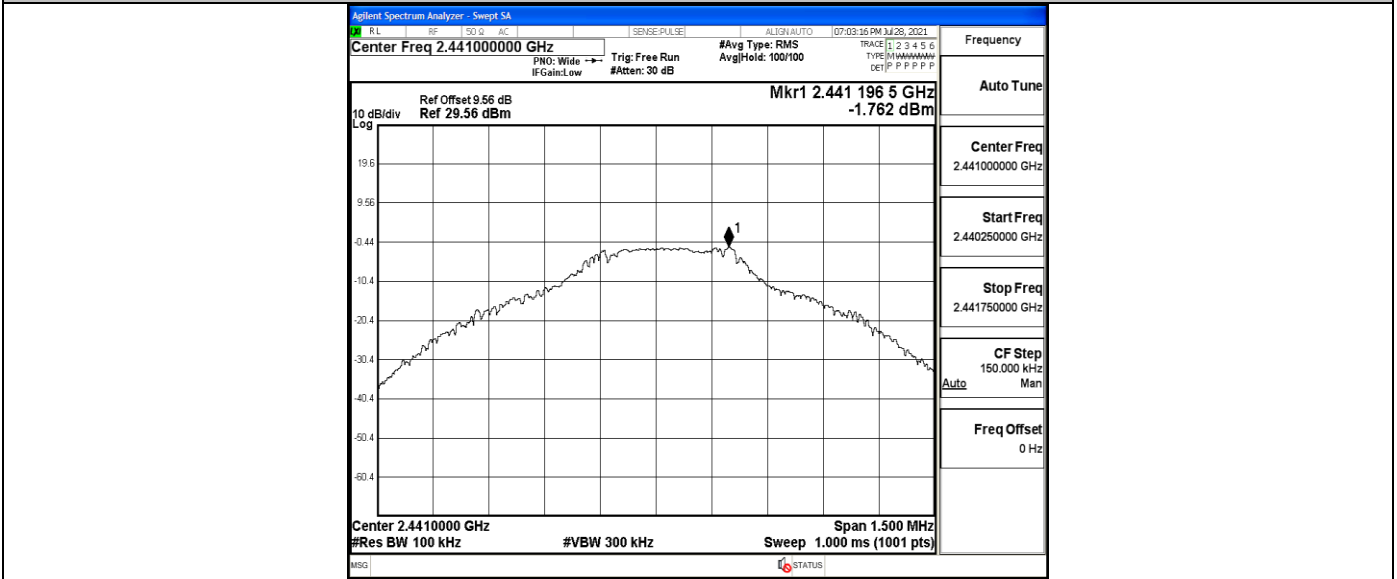
DH5_Ant1_2402_30~1000



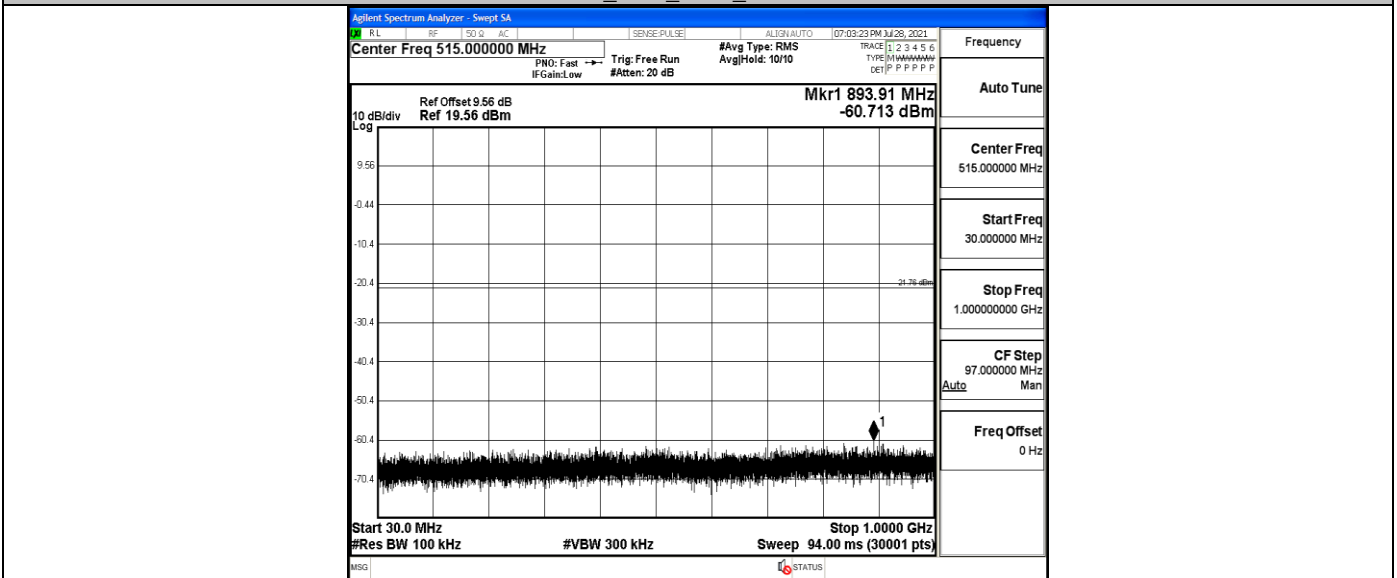
DH5_Ant1_2402_1000~26500



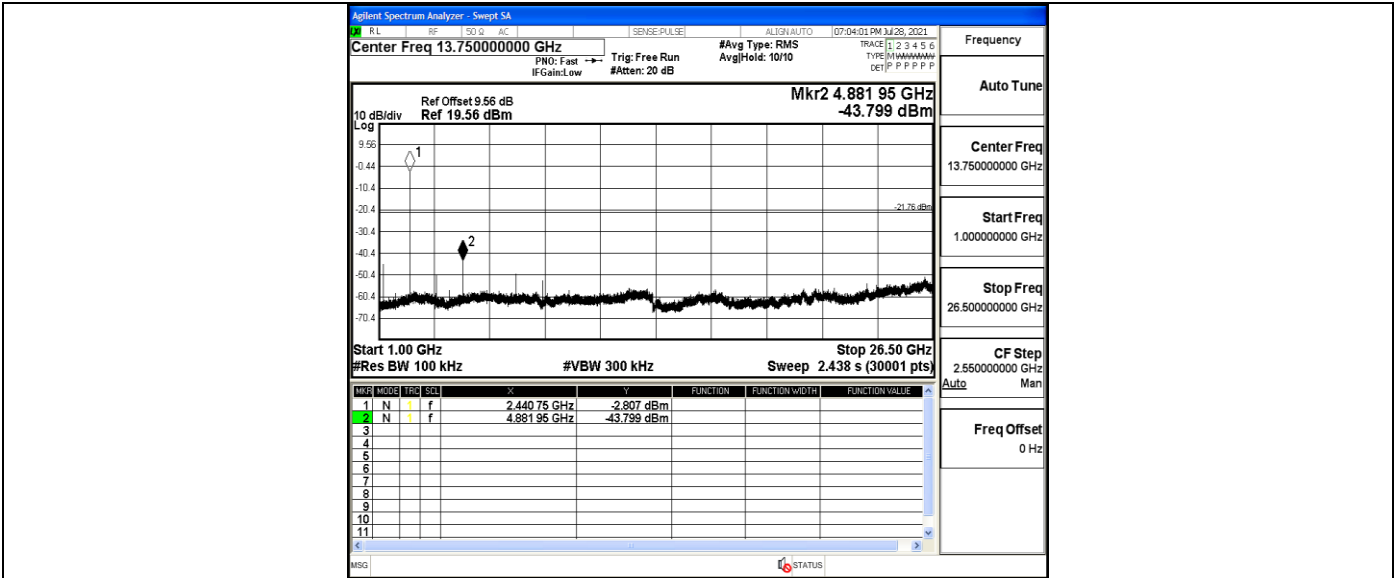
DH5_Ant1_2441_0-Reference



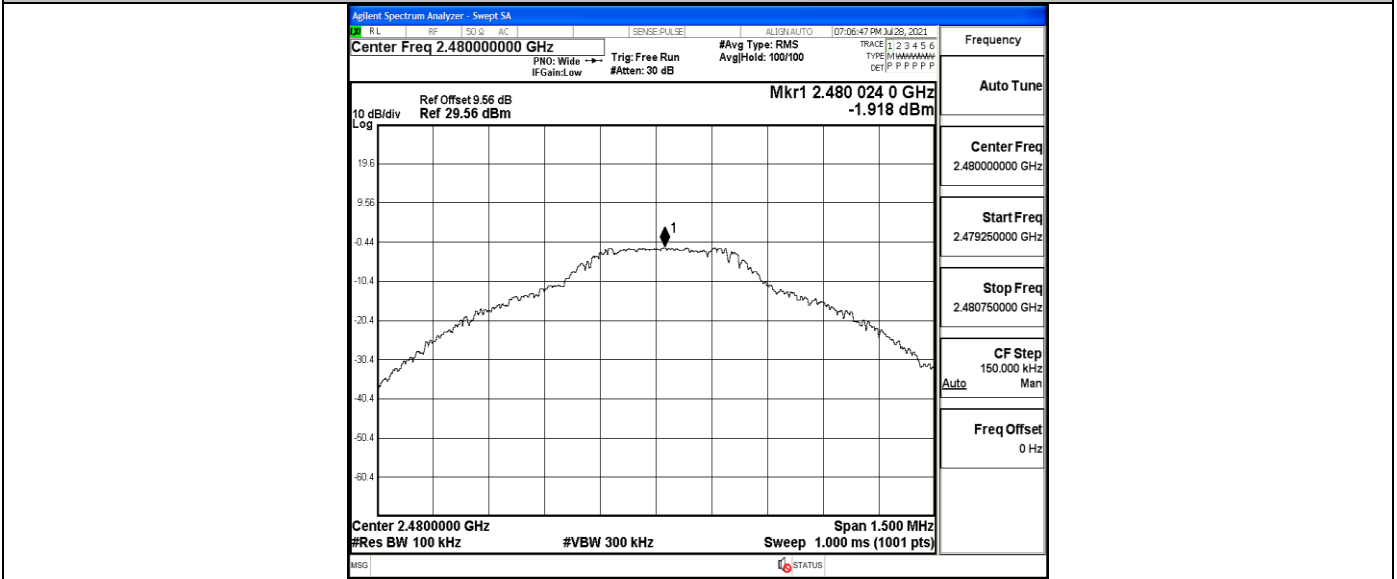
DH5_Ant1_2441_30-1000



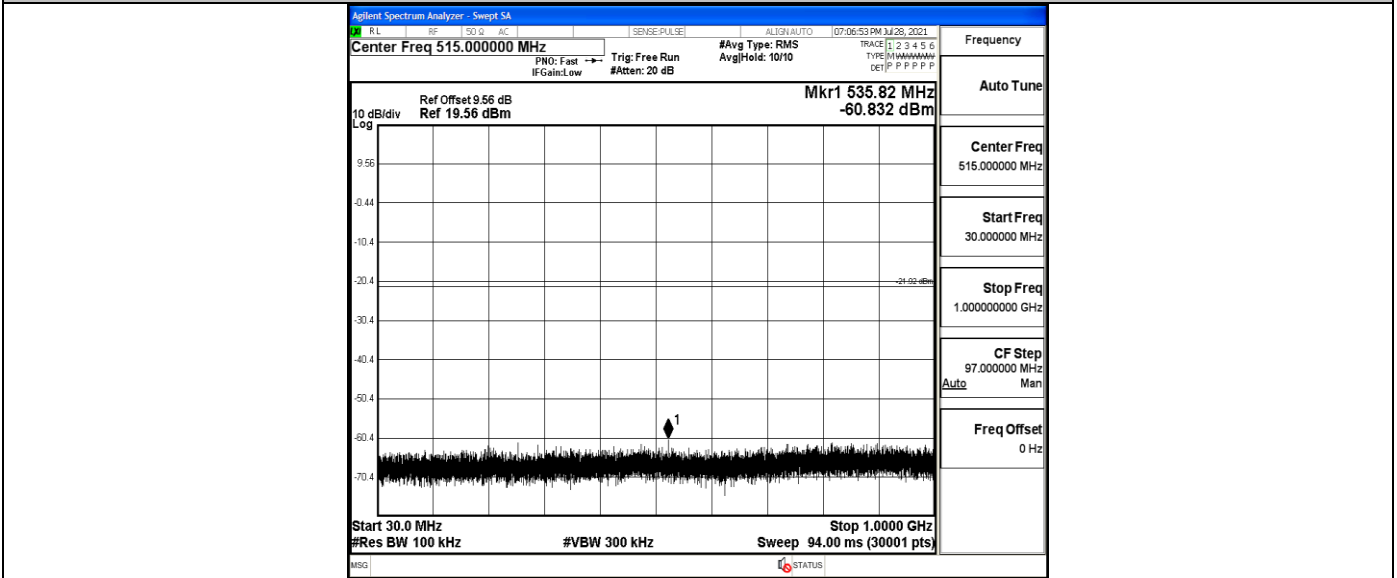
DH5_Ant1_2441_1000-26500



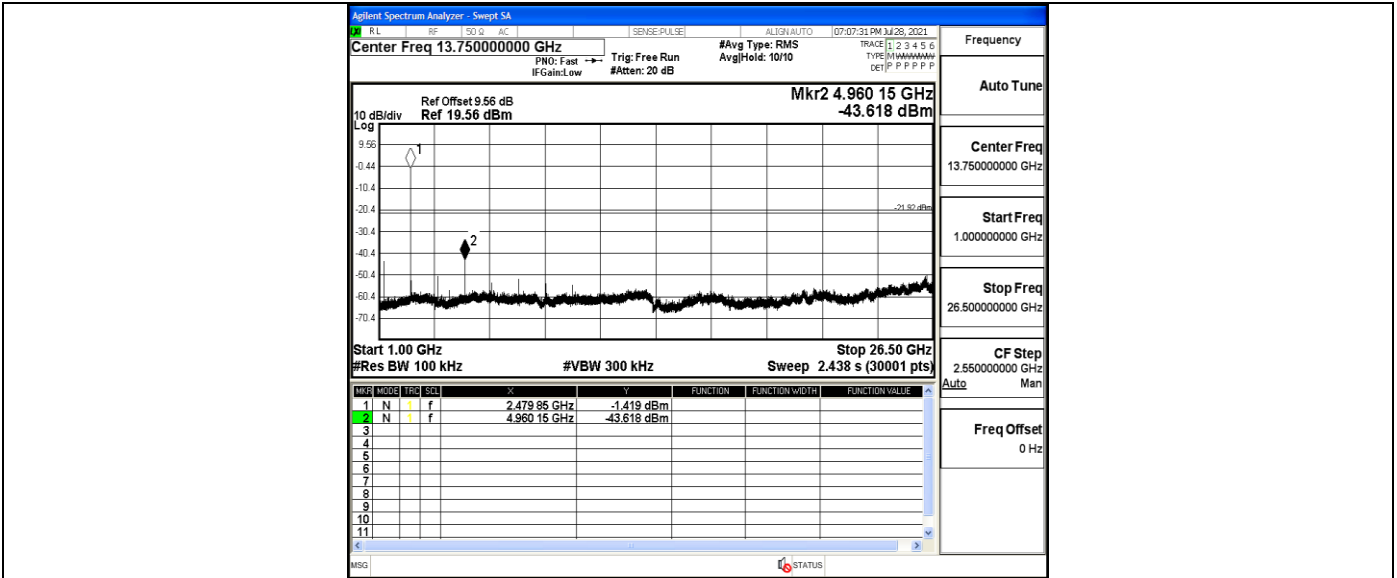
DH5_Ant1_2480_0-Reference



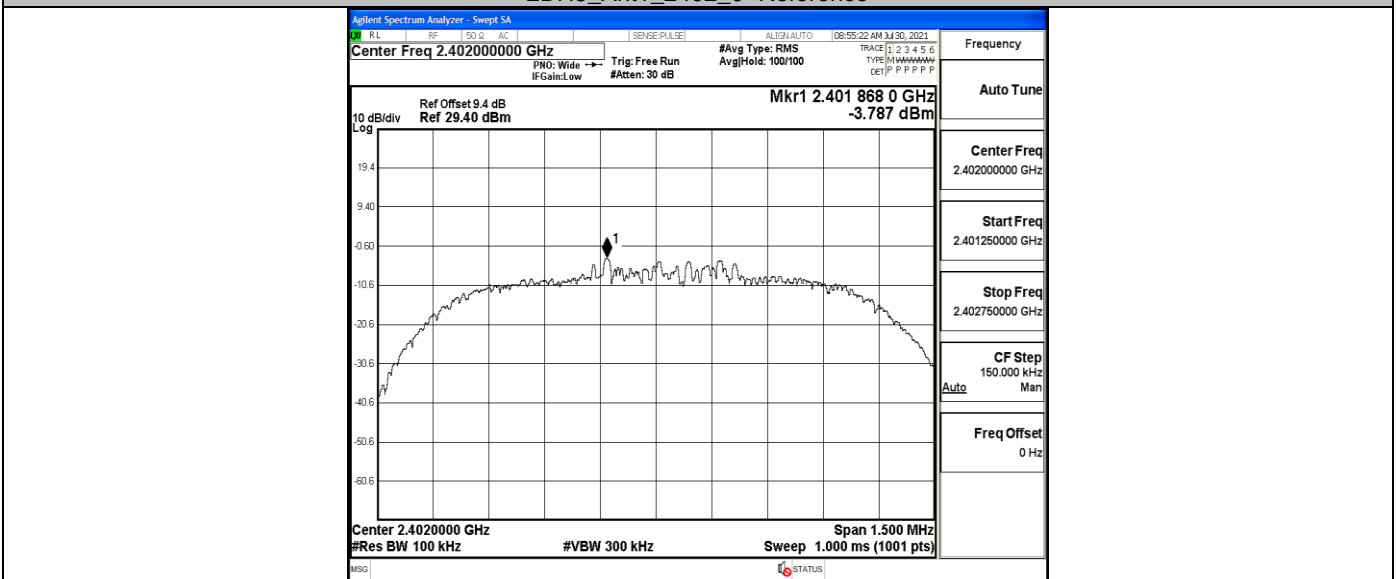
DH5_Ant1_2480_30~1000



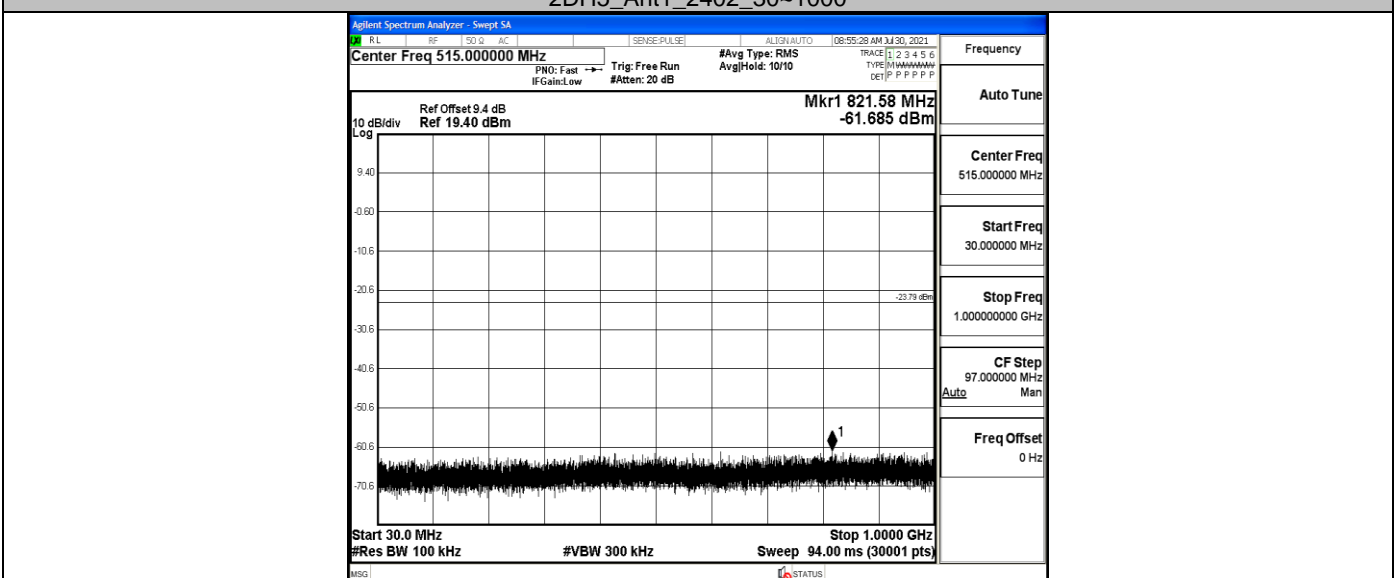
DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0-Reference



2DH5_Ant1_2402_30-1000



2DH5_Ant1_2402_1000-26500