



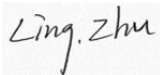
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: MOBILE PHONE

Test Model: PADUA

Environmental Conditions

Temperature:	23.9 ° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	 Ling Zhu
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

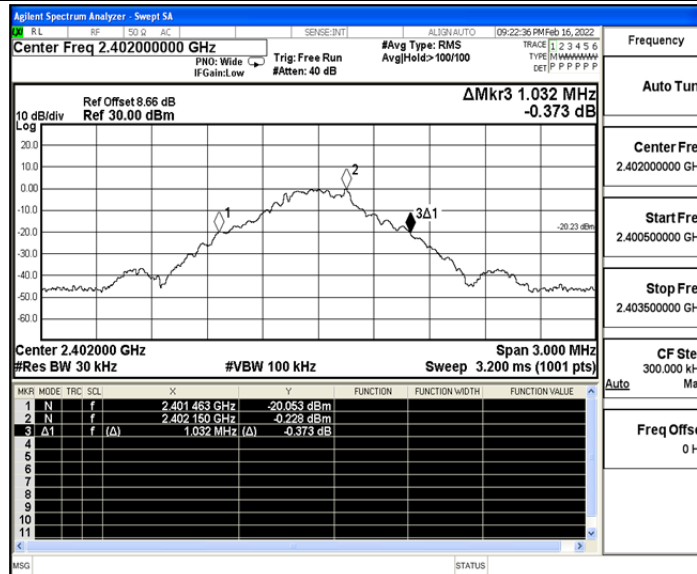
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.032	2401.463	2402.495	---	---
		2441	0.975	2440.520	2441.495	---	---
		2480	1.032	2479.454	2480.486	---	---
2DH5	Ant1	2402	1.326	2401.325	2402.651	---	---
		2441	1.290	2440.355	2441.645	---	---
		2480	1.290	2479.355	2480.645	---	---
3DH5	Ant1	2402	1.290	2401.343	2402.633	---	---
		2441	1.296	2440.340	2441.636	---	---
		2480	1.323	2479.331	2480.654	---	---

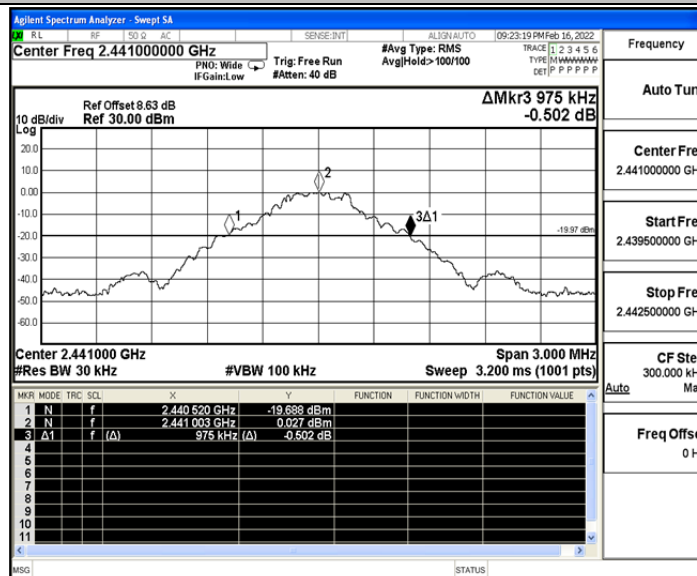


Test Graphs

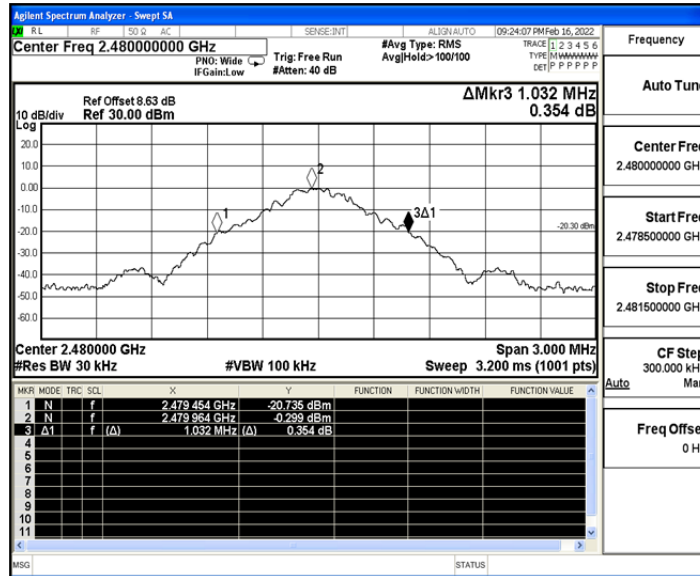
DH5_Ant1_2402



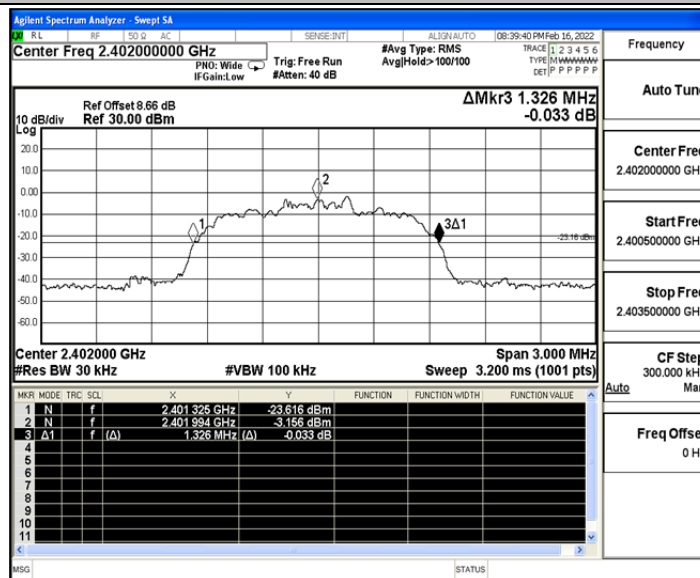
DH5_Ant1_2441



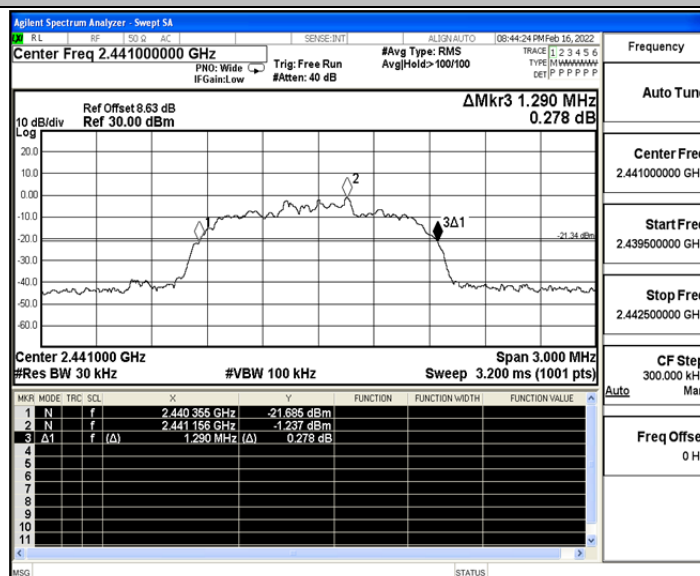
DH5_Ant1_2480



2DH5_Ant1_2402

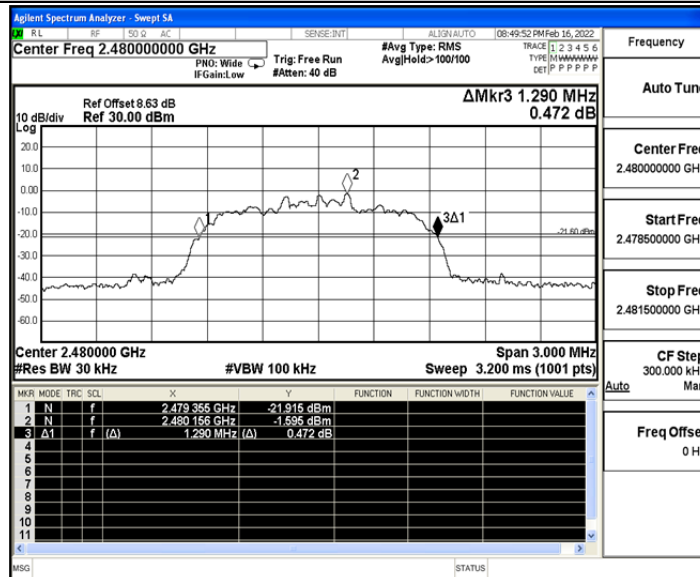


2DH5_Ant1_2441

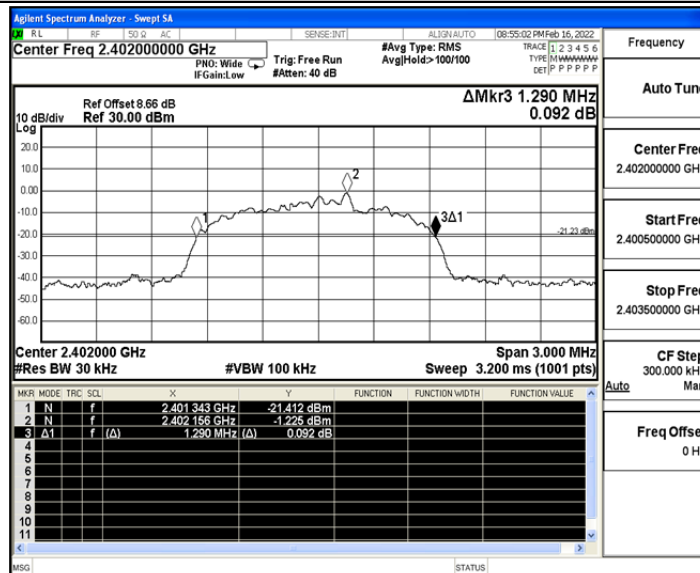




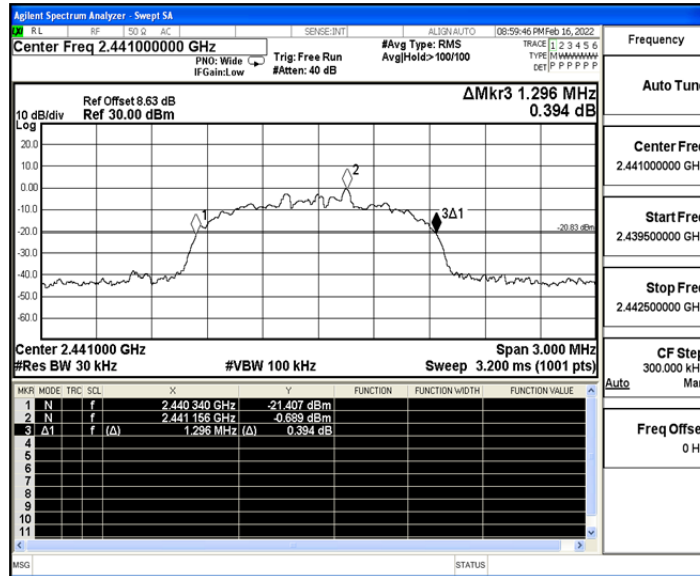
2DH5_Ant1_2480



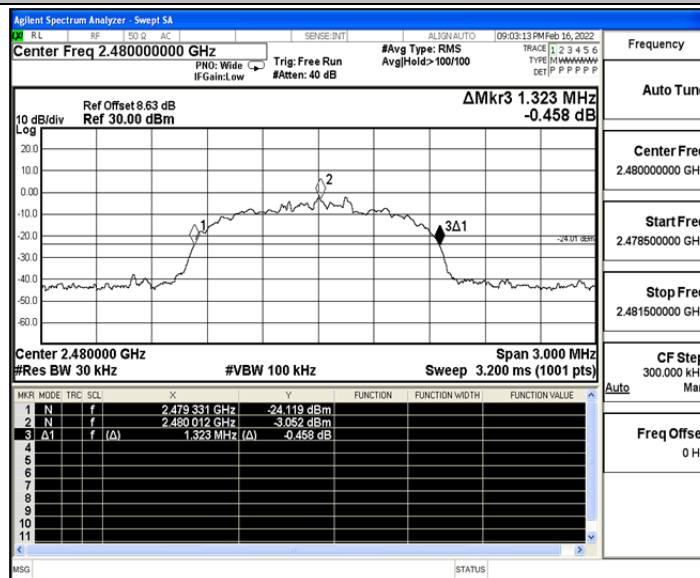
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

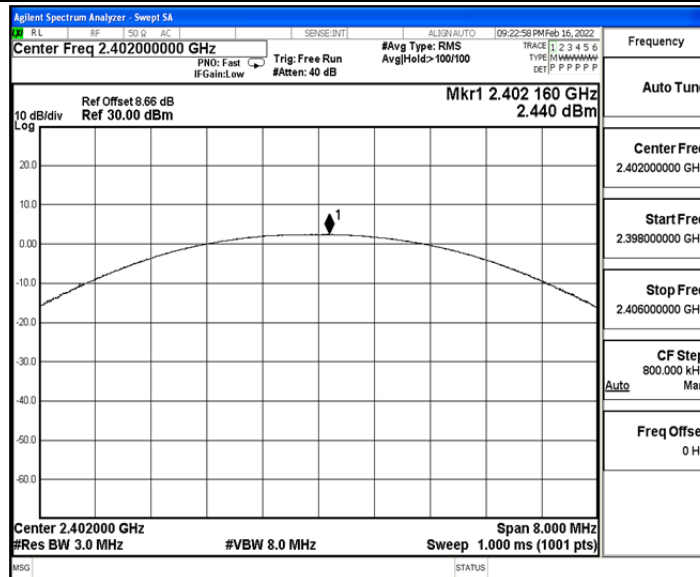
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.44	≤20.97	PASS
		2441	2.97	≤20.97	PASS
		2480	2.68	≤20.97	PASS
2DH5	Ant1	2402	2.22	≤20.97	PASS
		2441	2.85	≤20.97	PASS
		2480	2.57	≤20.97	PASS
3DH5	Ant1	2402	2.34	≤20.97	PASS
		2441	2.9	≤20.97	PASS
		2480	2.59	≤20.97	PASS

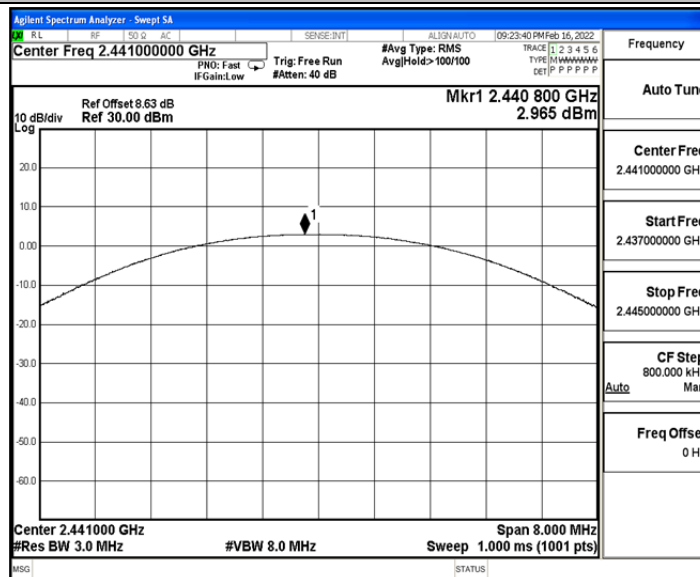


Test Graphs

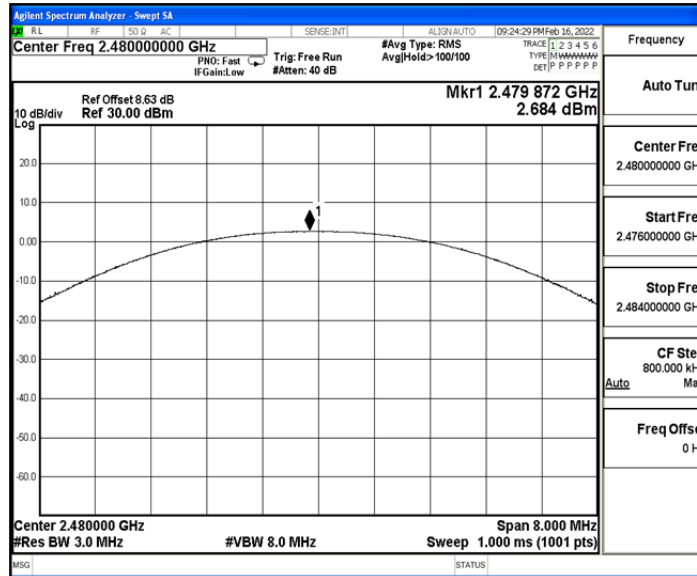
DH5_Ant1_2402



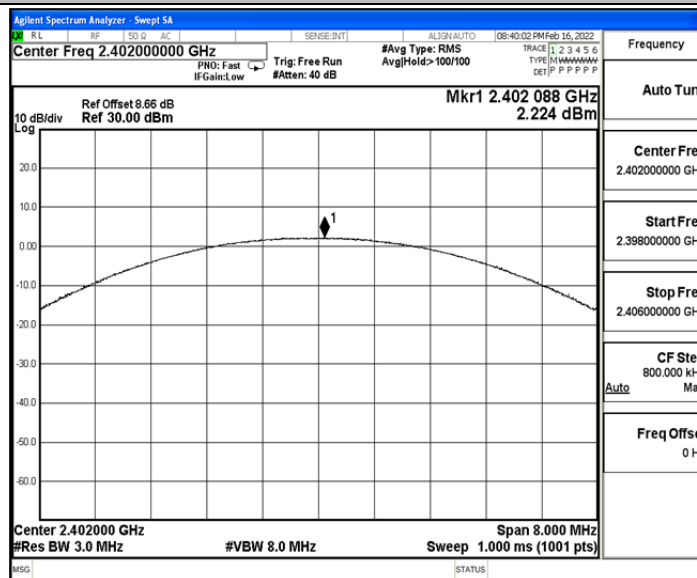
DH5_Ant1_2441



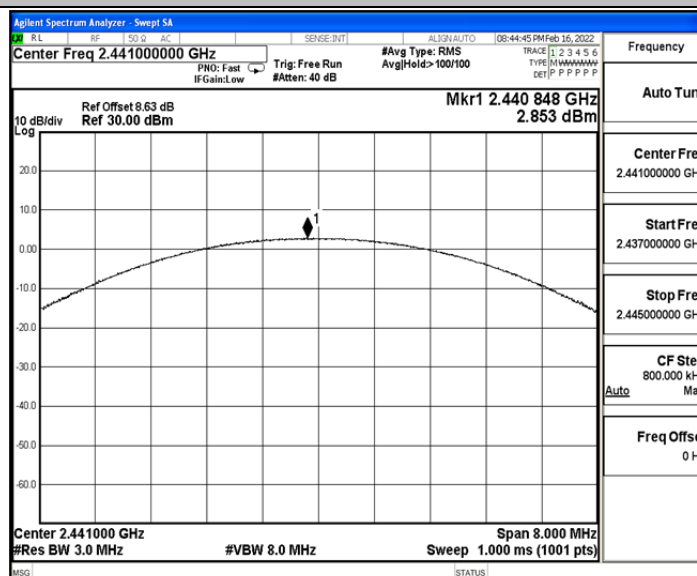
DH5_Ant1_2480



2DH5_Ant1_2402

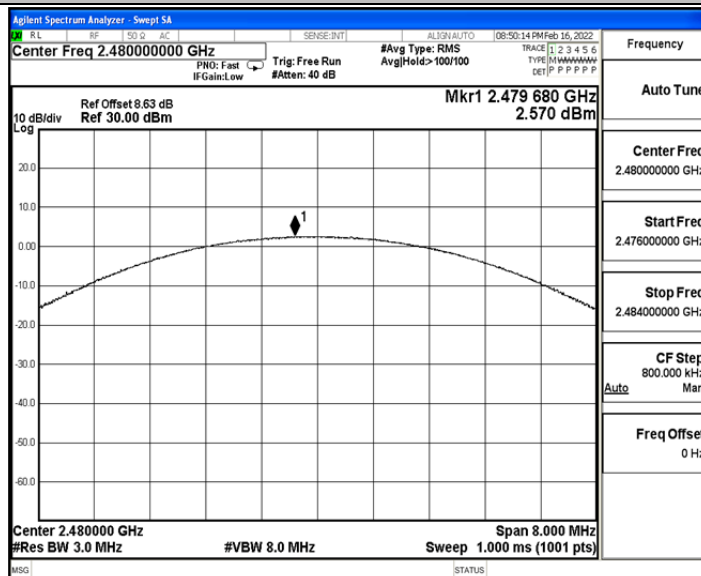


2DH5_Ant1_2441

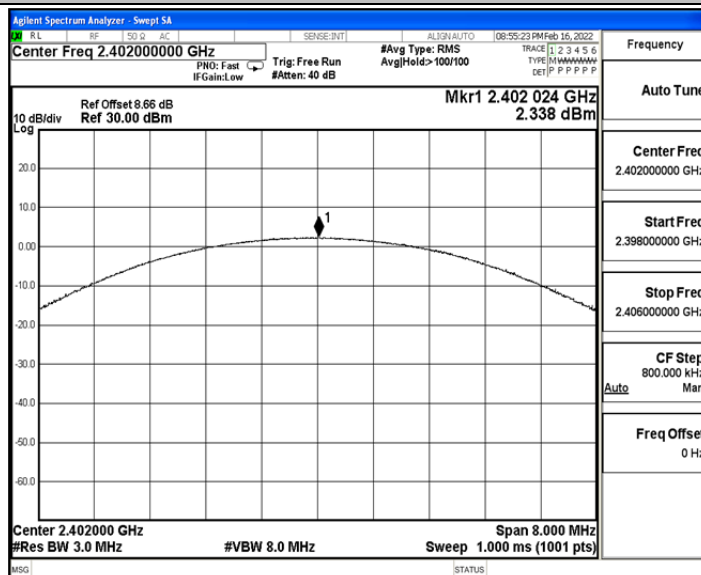




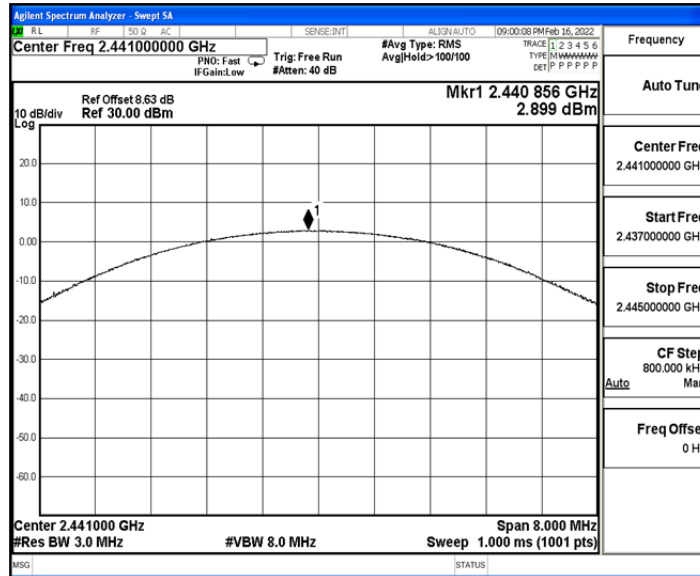
2DH5_Ant1_2480



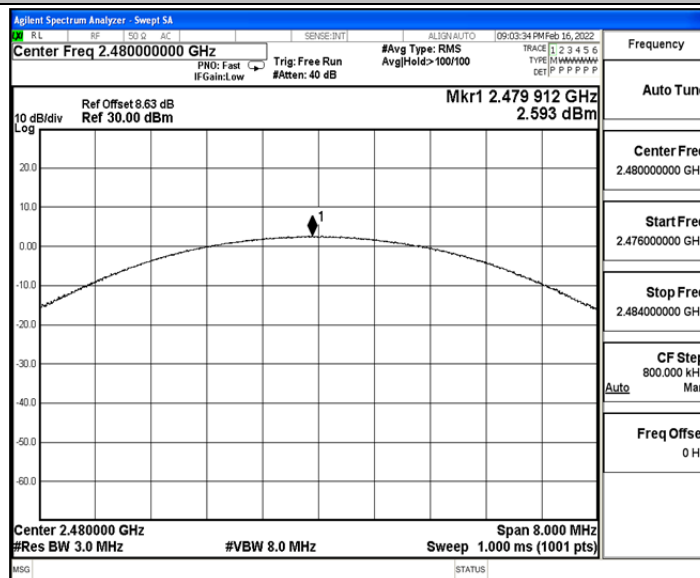
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

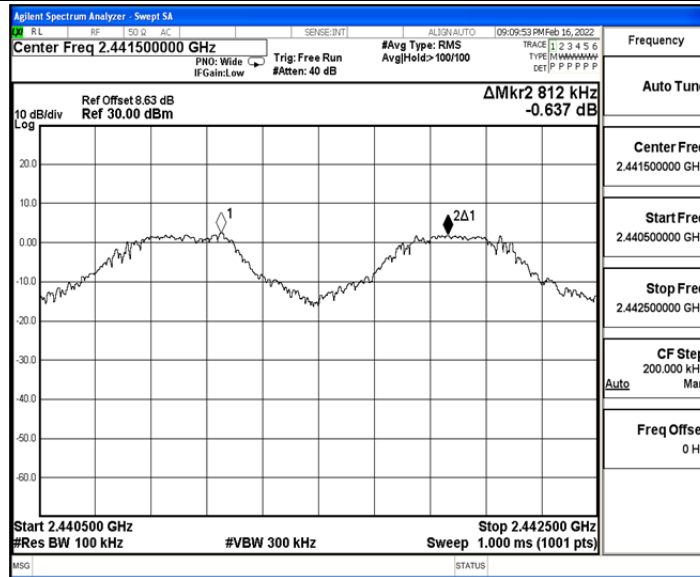
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.812	≥ 0.690	PASS
2DH5	Ant1	Hop	1.288	≥ 0.884	PASS
3DH5	Ant1	Hop	1.306	≥ 0.882	PASS

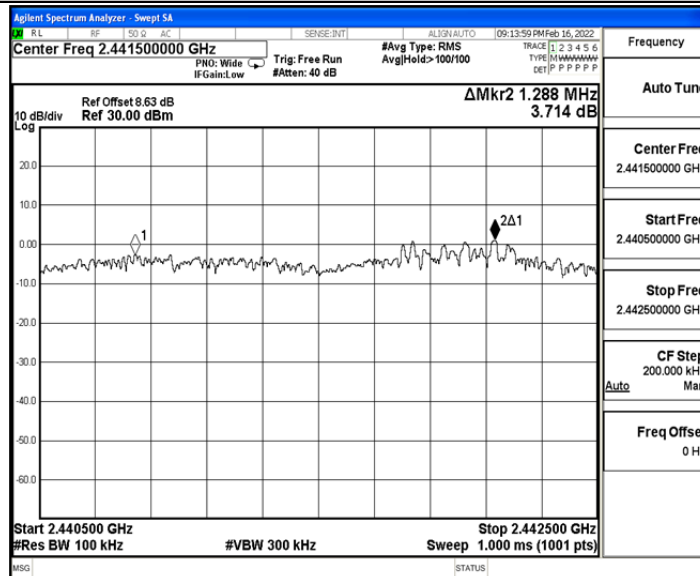


Test Graphs

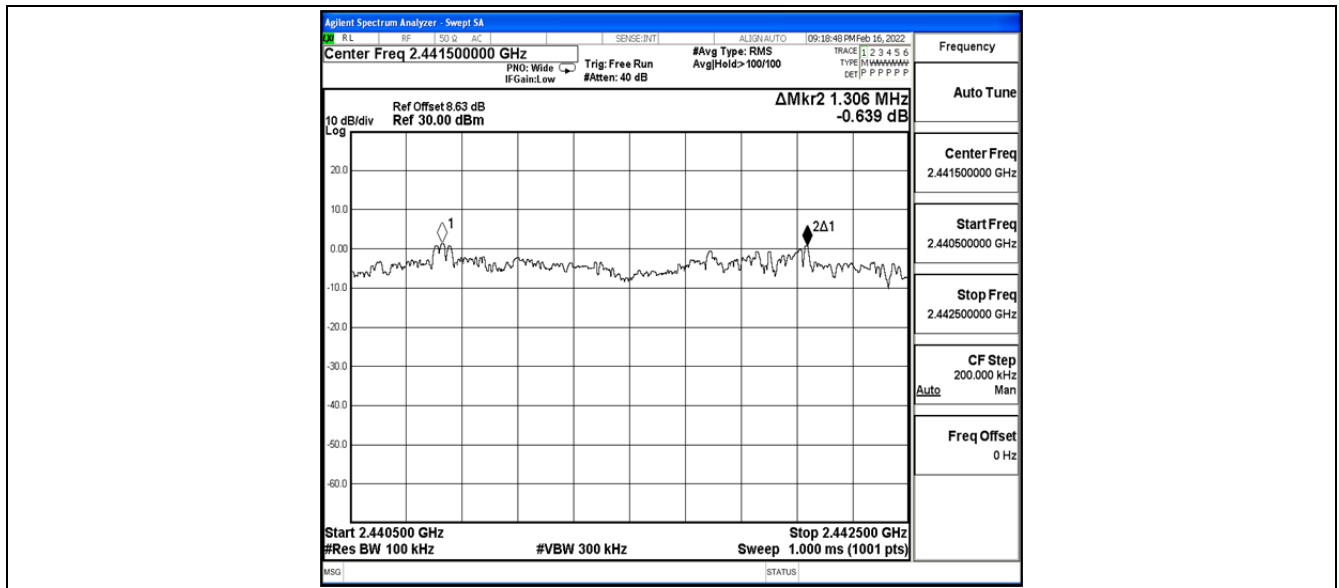
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

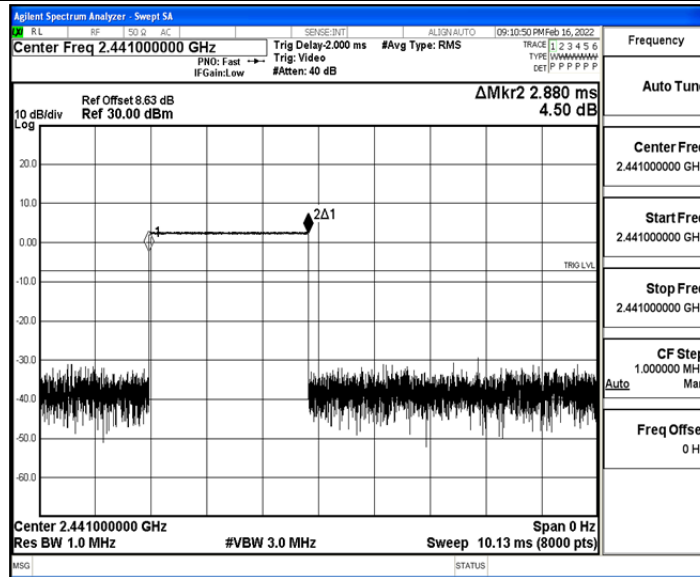
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	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

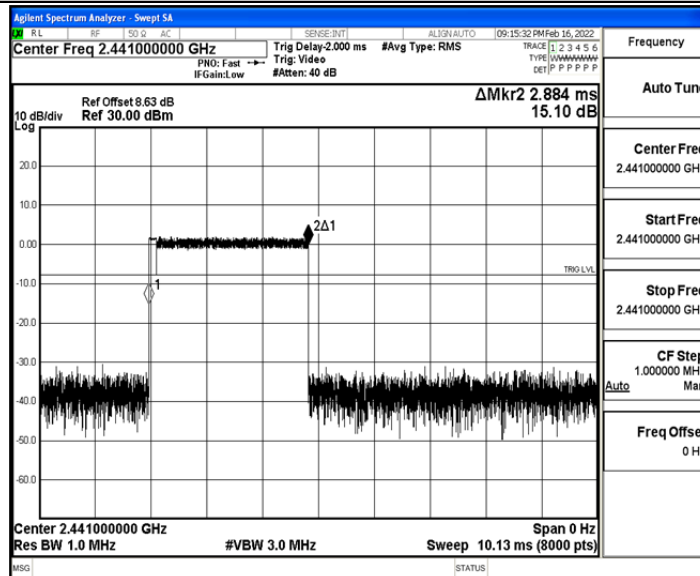


Test Graphs

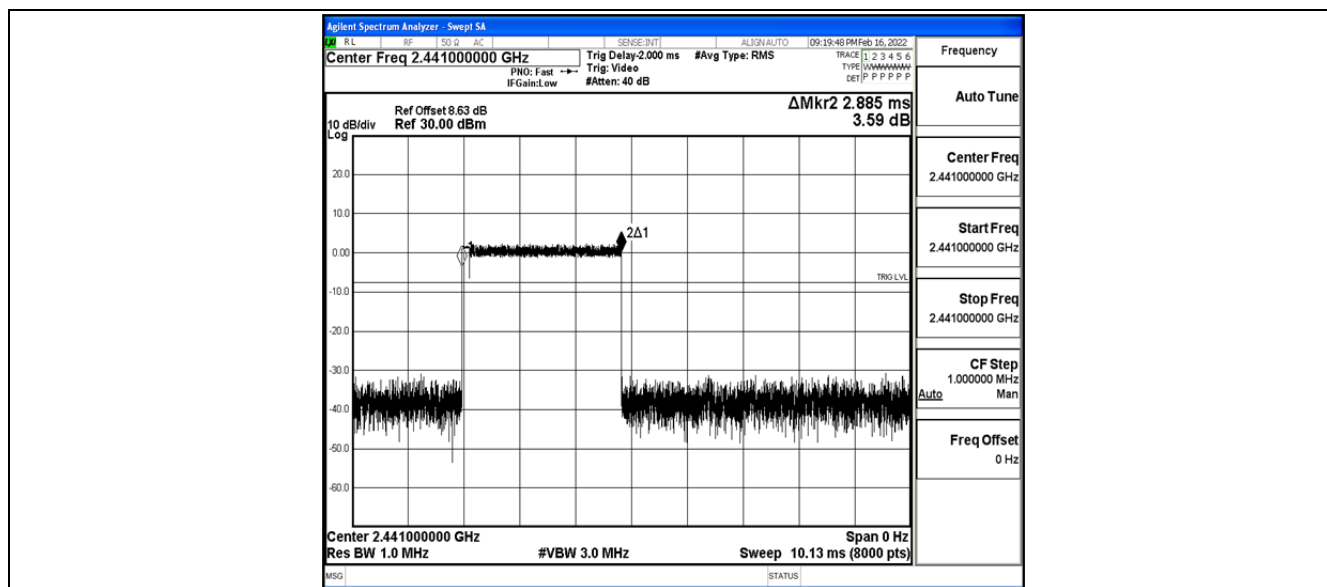
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.5 Number of hopping channels

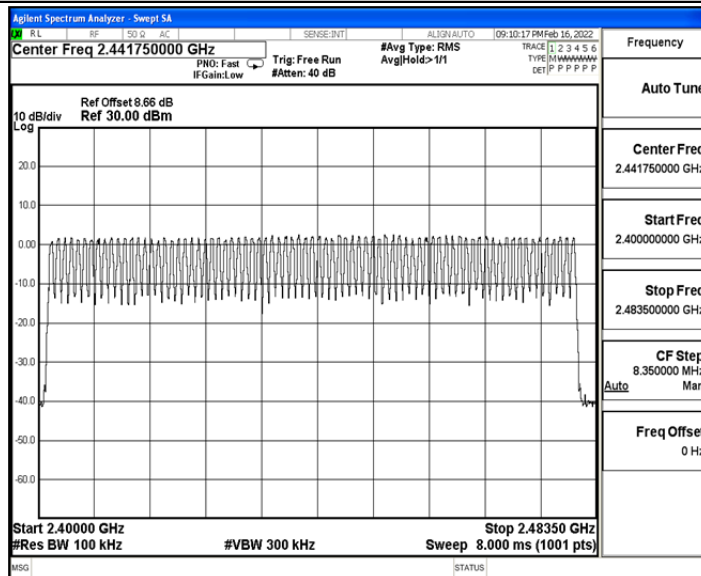
Test Result

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

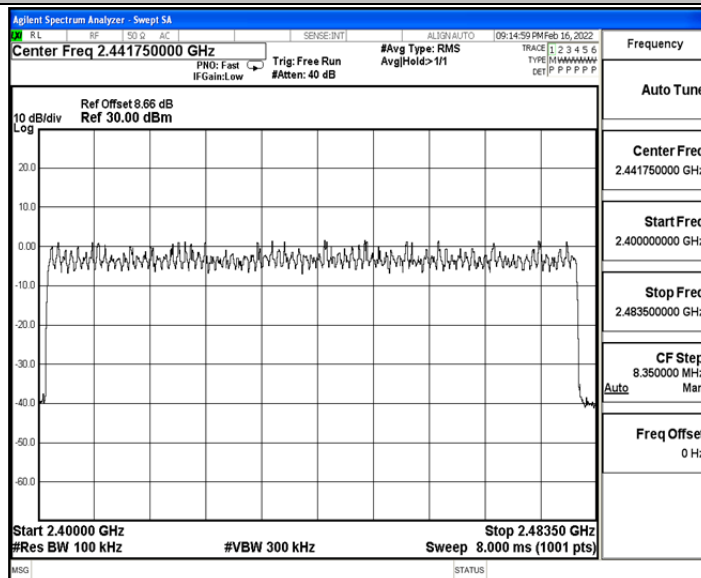


Test Graphs

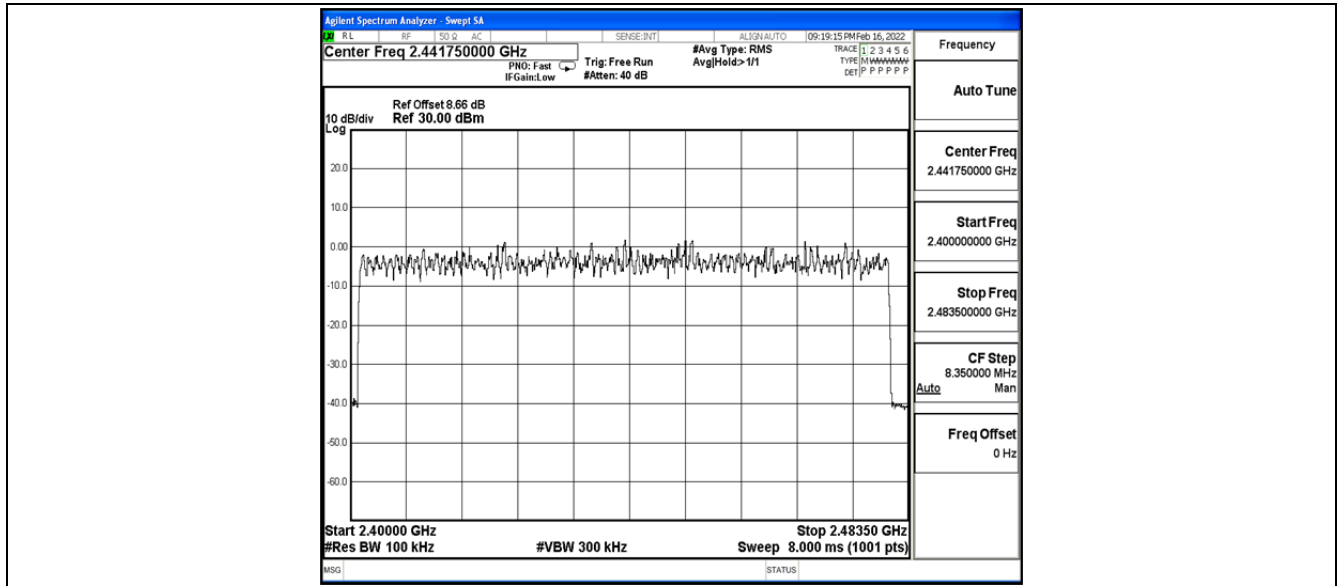
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

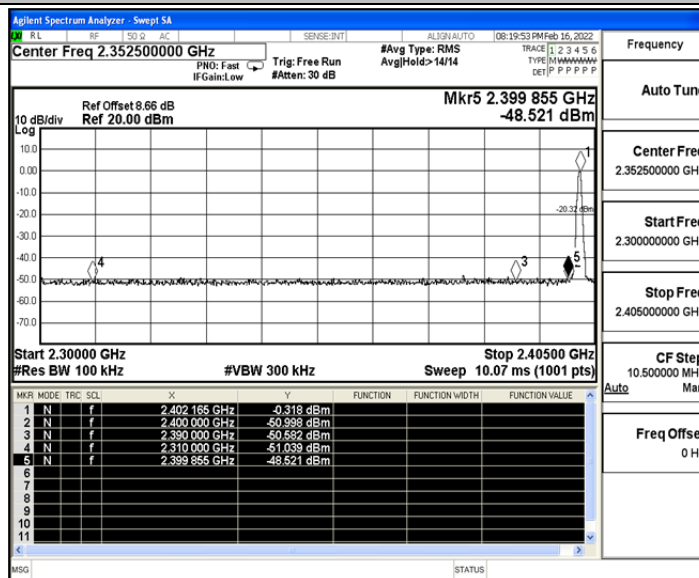
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.32	-48.52	≤ -20.32	PASS
		High	2480	-0.21	-48.53	≤ -20.21	PASS
		Low	Hop_2402	1.60	-49.19	≤ -18.4	PASS
		High	Hop_2480	2.10	-48.05	≤ -17.91	PASS
2DH5	Ant1	Low	2402	0.54	-48.73	≤ -19.46	PASS
		High	2480	1.17	-48.53	≤ -18.83	PASS
		Low	Hop_2402	-3.18	-48.87	≤ -23.18	PASS
		High	Hop_2480	-0.19	-48.19	≤ -20.19	PASS
3DH5	Ant1	Low	2402	-2.13	-49.1	≤ -22.13	PASS
		High	2480	1.35	-47.72	≤ -18.65	PASS
		Low	Hop_2402	-3.30	-49.06	≤ -23.3	PASS
		High	Hop_2480	1.27	-47.74	≤ -18.73	PASS

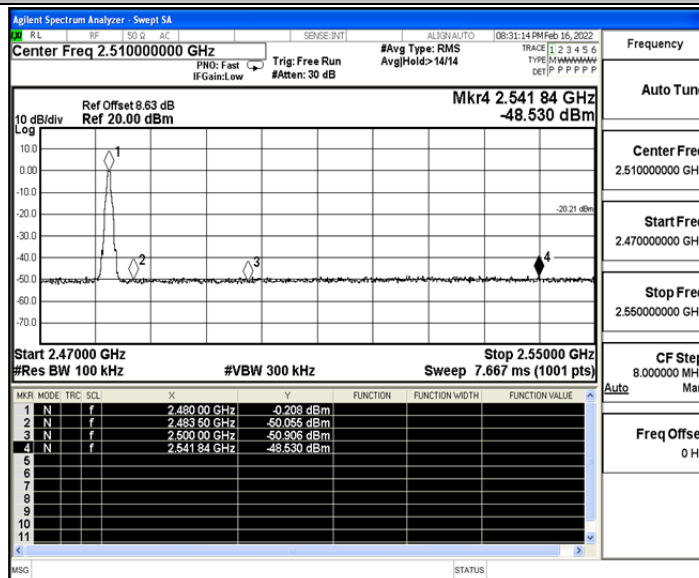


Test Graphs

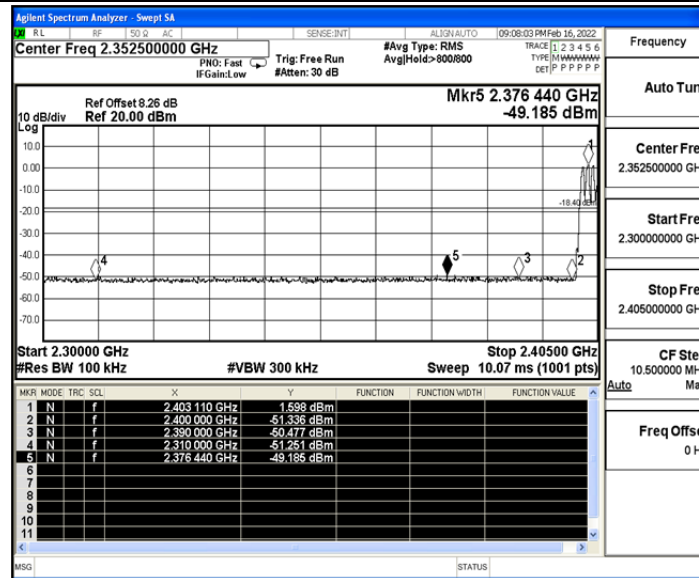
DH5_Ant1_Low_2402



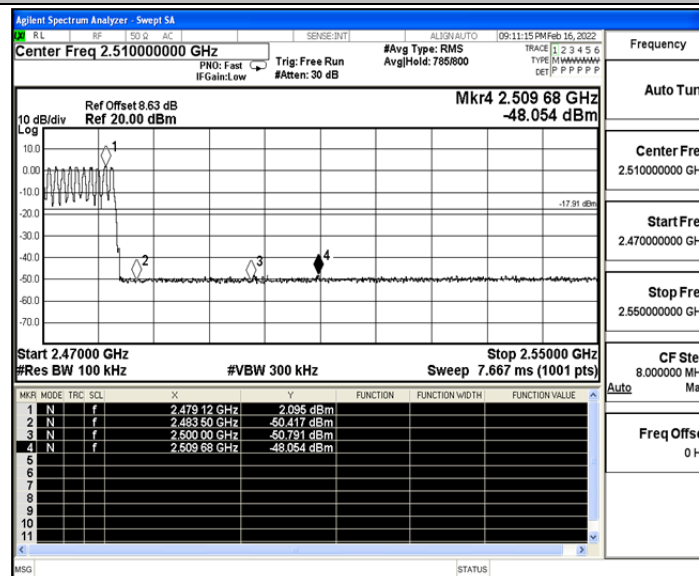
DH5_Ant1_High_2480



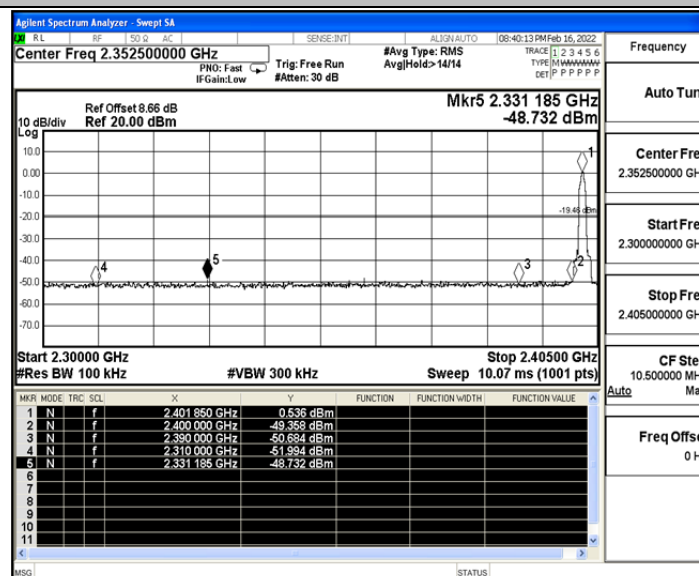
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

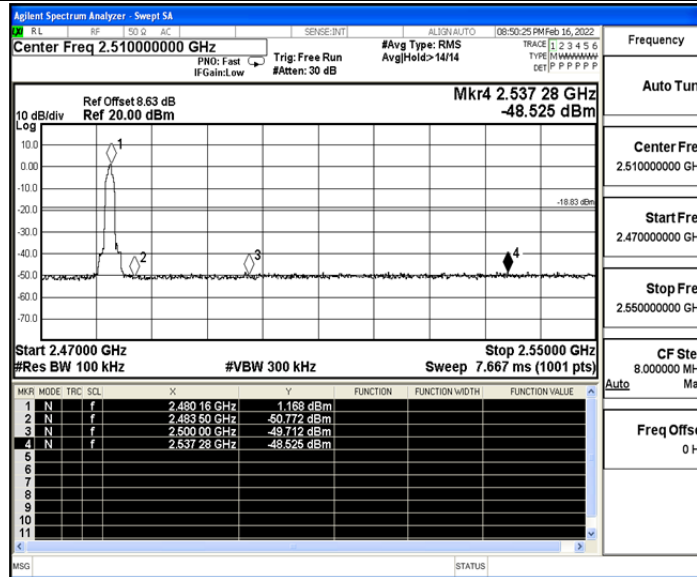


2DH5_Ant1_Low_2402

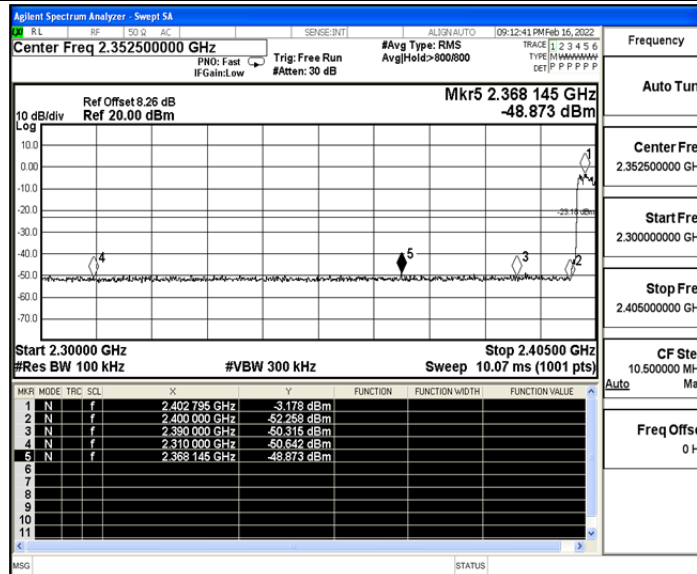




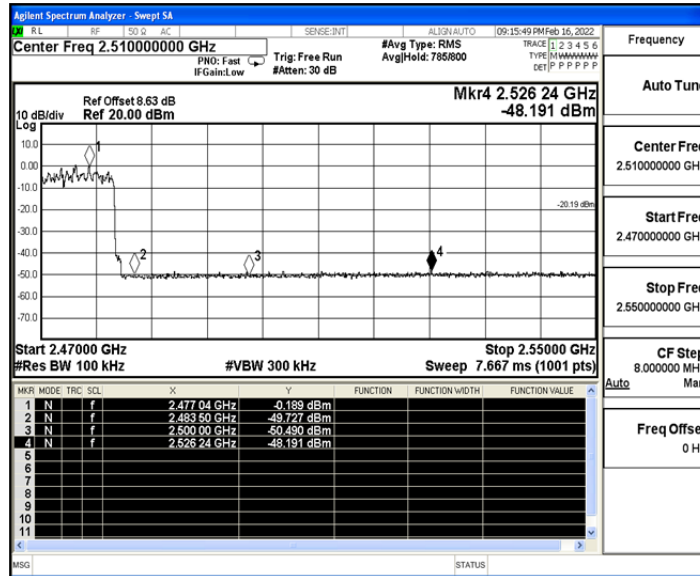
2DH5_Ant1_High_2480



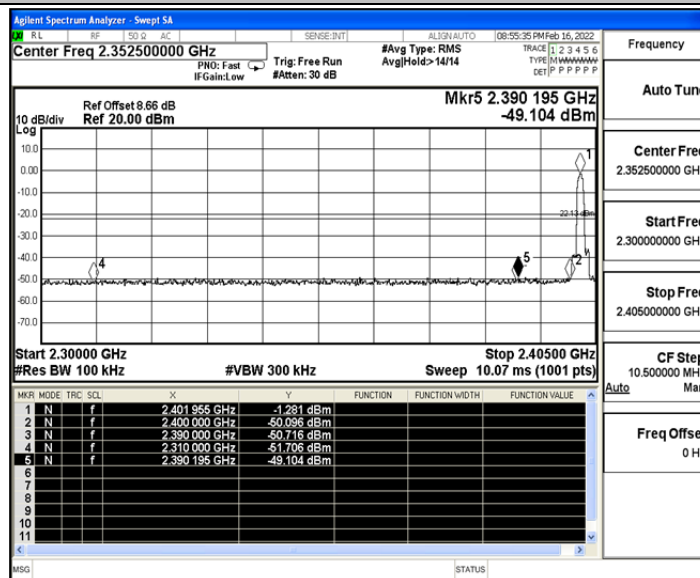
2DH5_Ant1_Low_Hop_2402



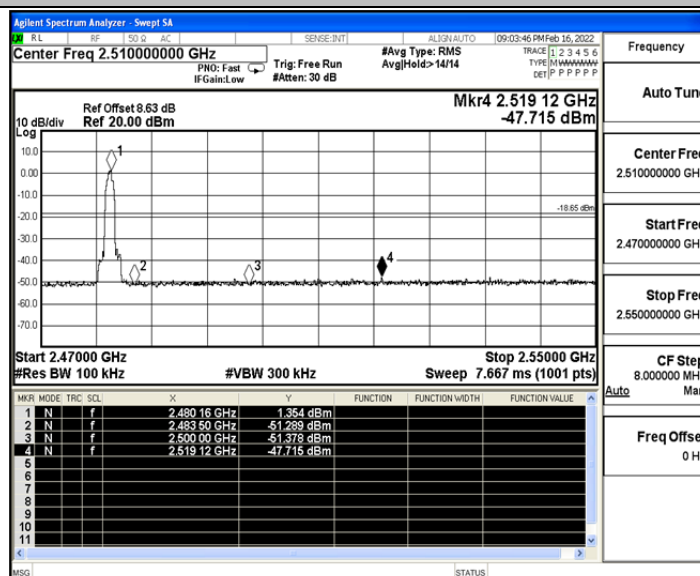
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

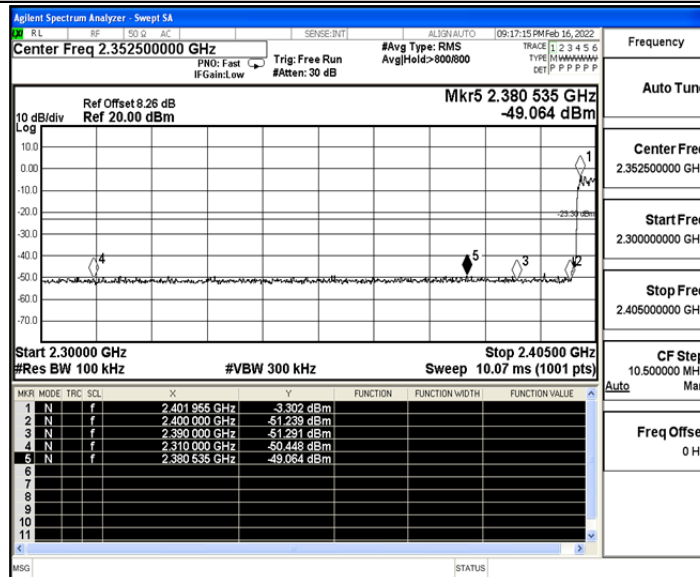


3DH5_Ant1_High_2480

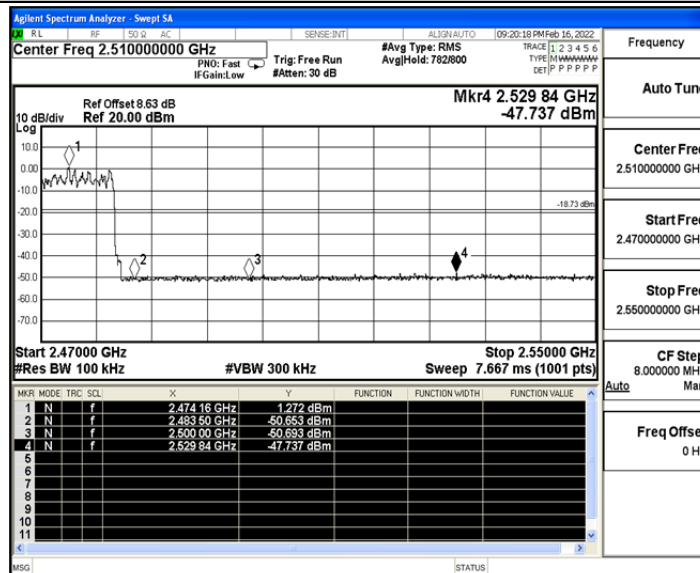




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

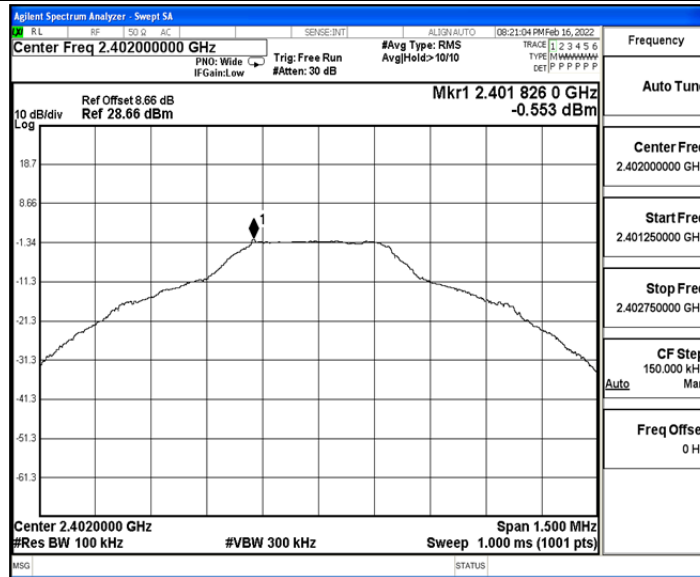
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-60.33	≤-20.55	PASS
			1000~26500	-0.55	-46.28	≤-20.55	PASS
		2441	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-60.11	≤-19.83	PASS
			1000~26500	0.17	-45.46	≤-19.83	PASS
		2480	Reference	-0.08	-0.08	---	PASS
			30~1000	-0.08	-60.57	≤-20.08	PASS
			1000~26500	-0.08	-46.34	≤-20.08	PASS
2DH5	Ant1	2402	Reference	0.99	0.99	---	PASS
			30~1000	0.99	-60.22	≤-19.01	PASS
			1000~26500	0.99	-46.6	≤-19.01	PASS
		2441	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-60.18	≤-18.49	PASS
			1000~26500	1.51	-45.85	≤-18.49	PASS
		2480	Reference	1.24	1.24	---	PASS
			30~1000	1.24	-60.61	≤-18.76	PASS
			1000~26500	1.24	-45.99	≤-18.76	PASS
3DH5	Ant1	2402	Reference	0.94	0.94	---	PASS
			30~1000	0.94	-60.41	≤-19.06	PASS
			1000~26500	0.94	-46.18	≤-19.06	PASS
		2441	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-60.61	≤-18.62	PASS
			1000~26500	1.38	-45.89	≤-18.62	PASS
		2480	Reference	1.22	1.22	---	PASS
			30~1000	1.22	-60.56	≤-18.78	PASS
			1000~26500	1.22	-46.03	≤-18.78	PASS

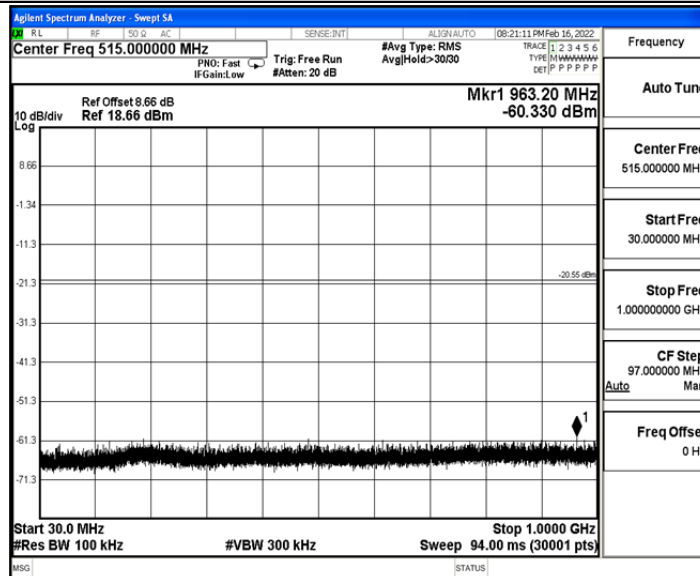


Test Graphs

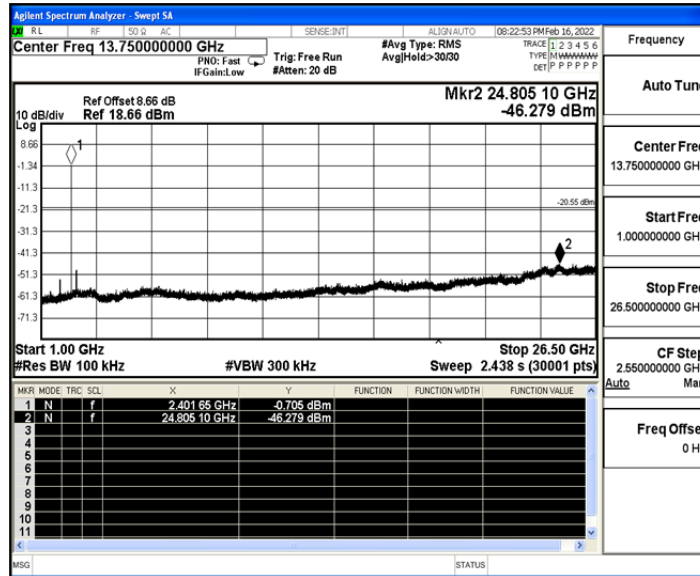
DH5_Ant1_2402_0~Reference



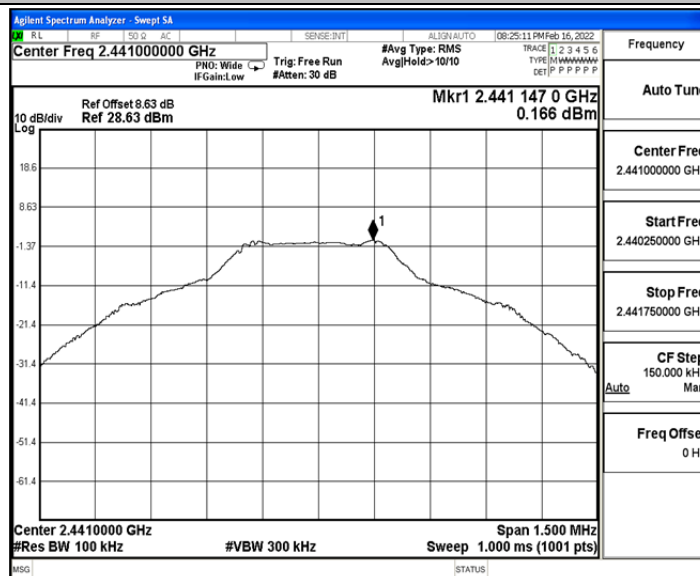
DH5_Ant1_2402_30~1000



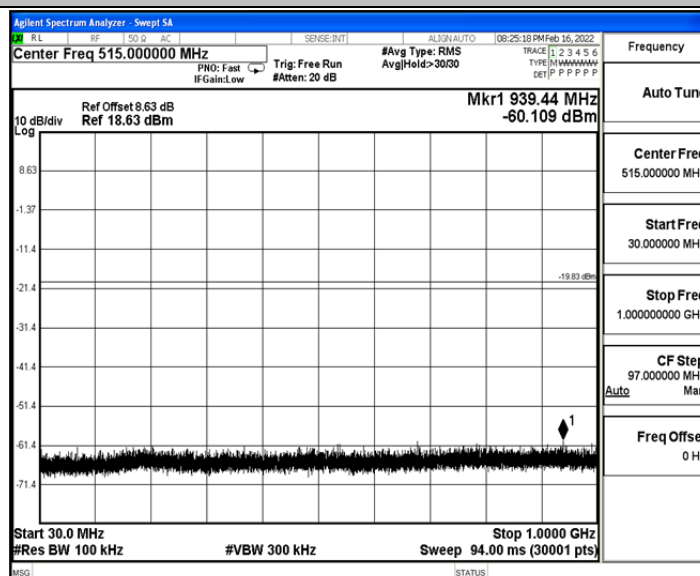
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

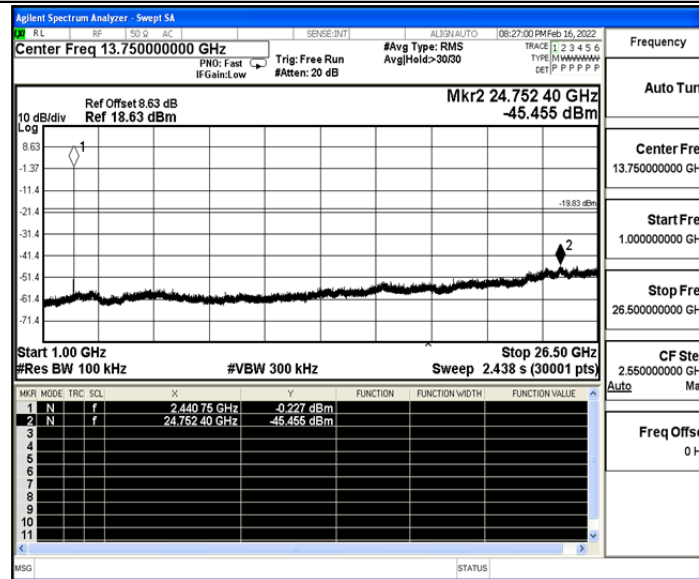


DH5_Ant1_2441_30~1000

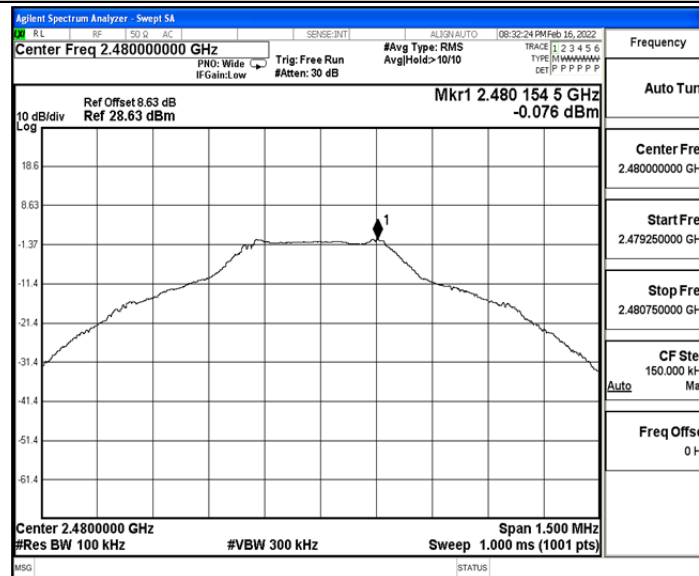




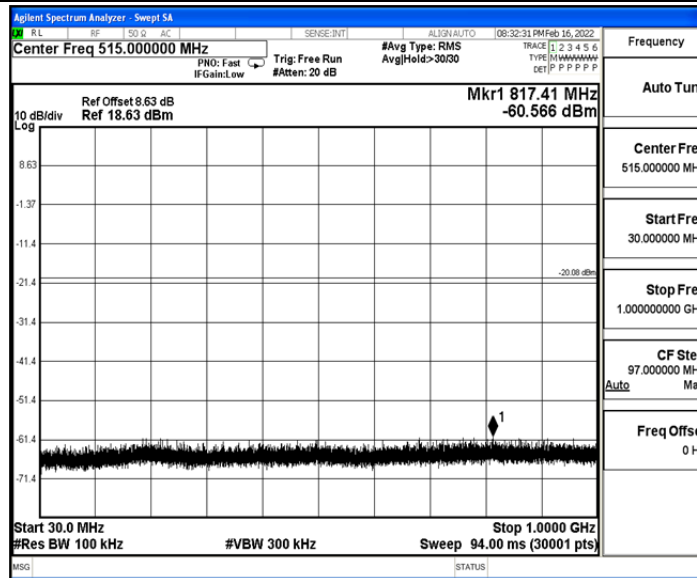
DH5_Ant1_2441_1000~26500



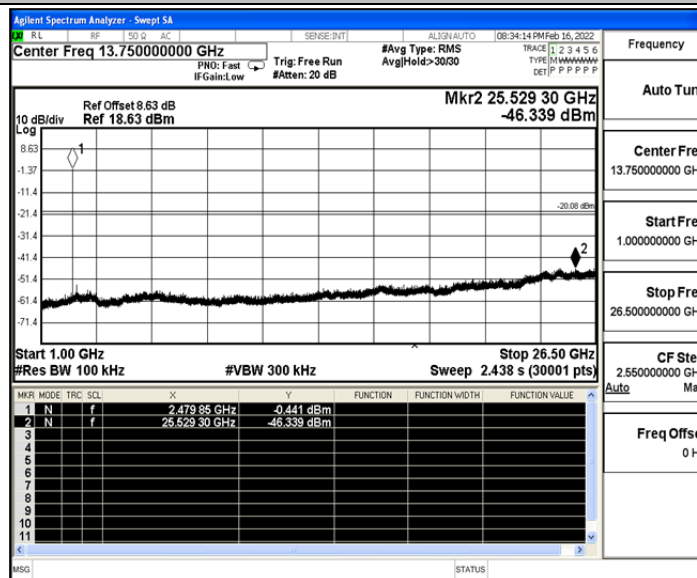
DH5_Ant1_2480_0~Reference



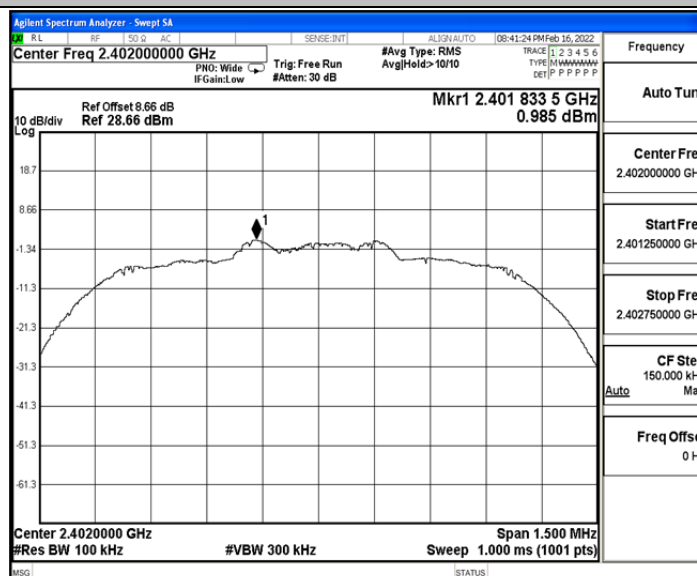
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

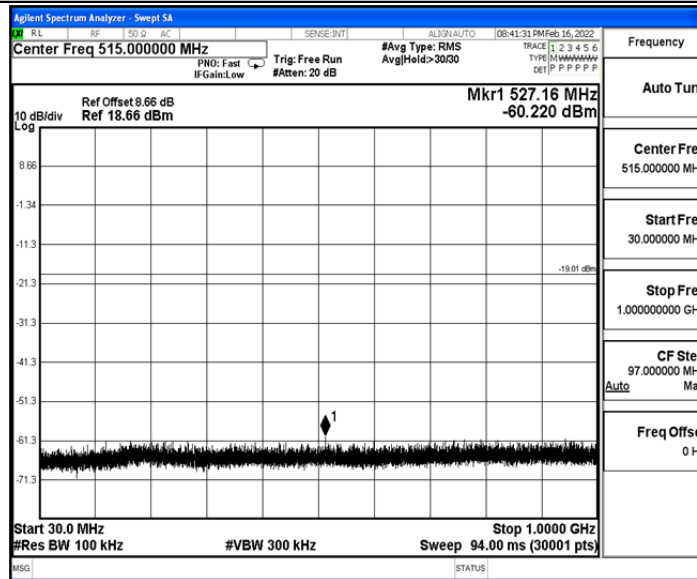


2DH5_Ant1_2402_0~Reference

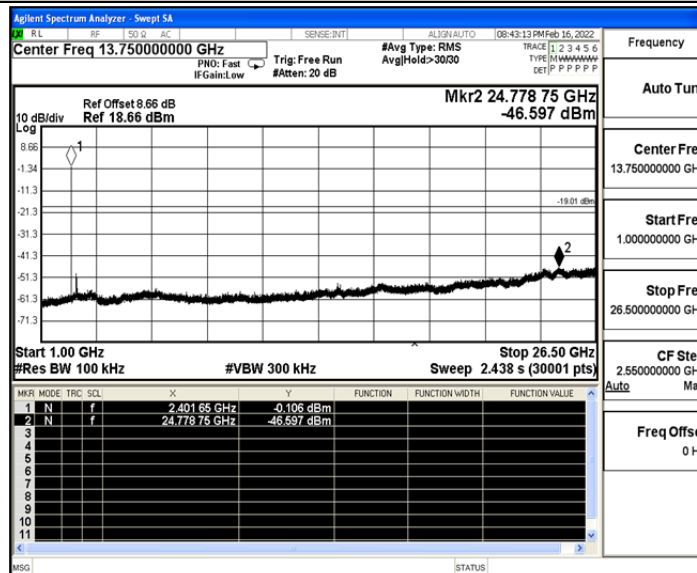




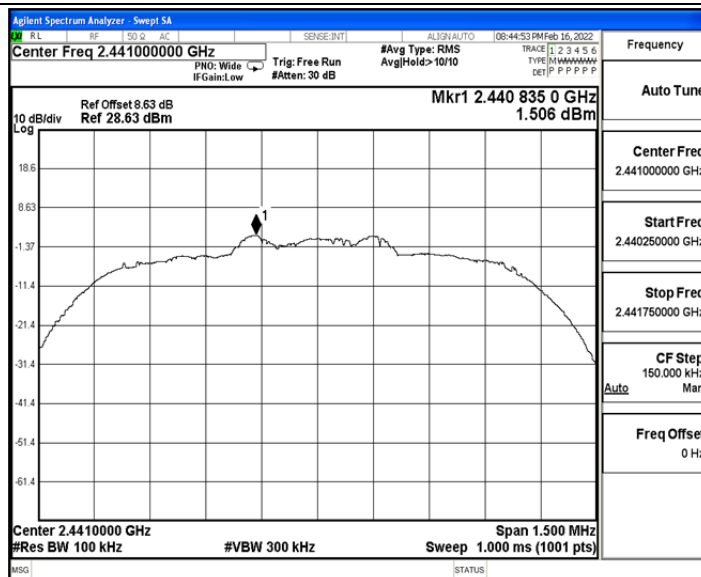
2DH5_Ant1_2402_30~1000



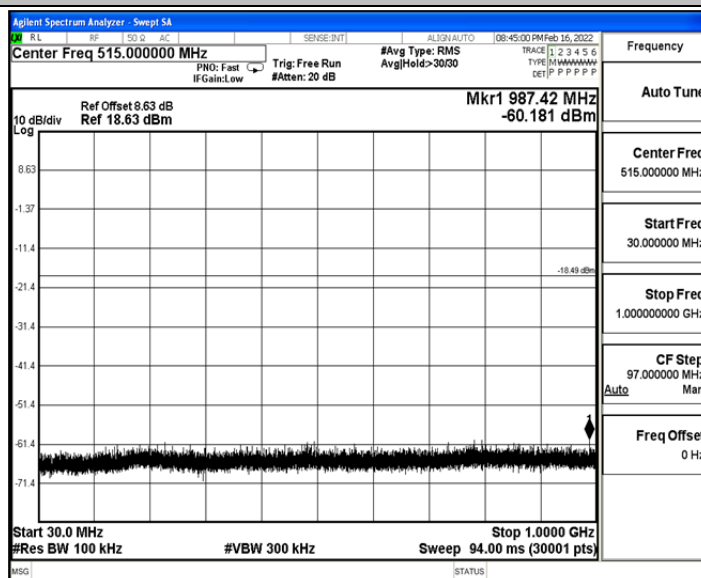
2DH5_Ant1_2402_1000~26500



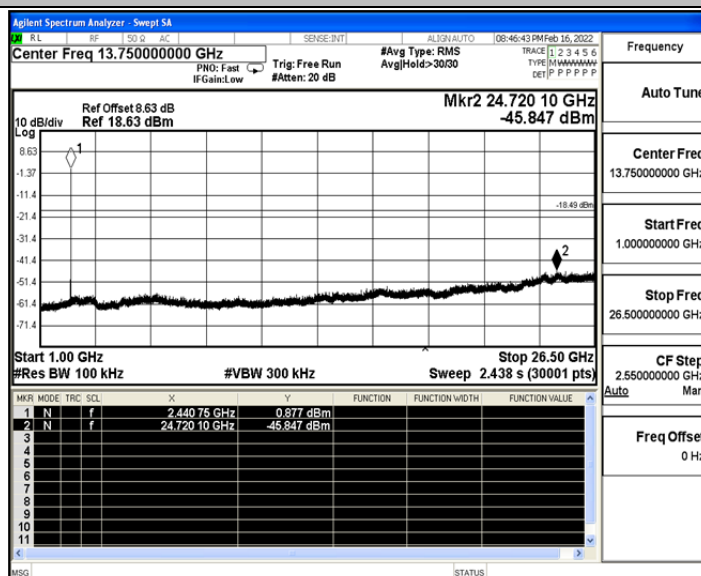
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

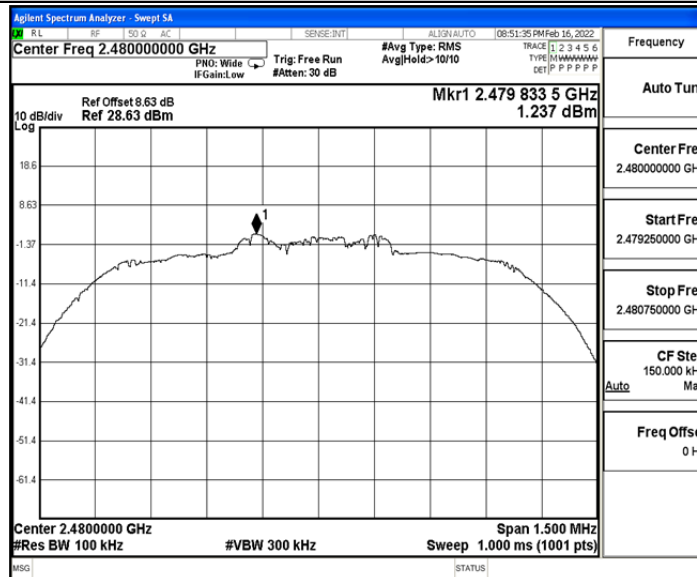


2DH5_Ant1_2441_1000~26500

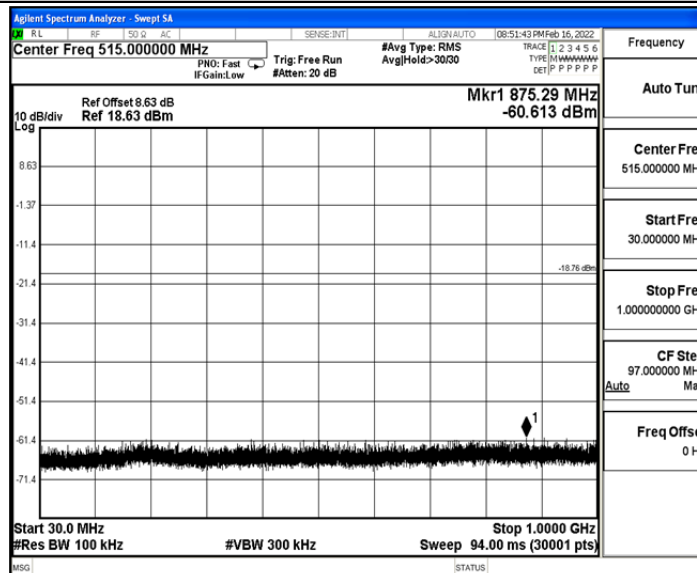




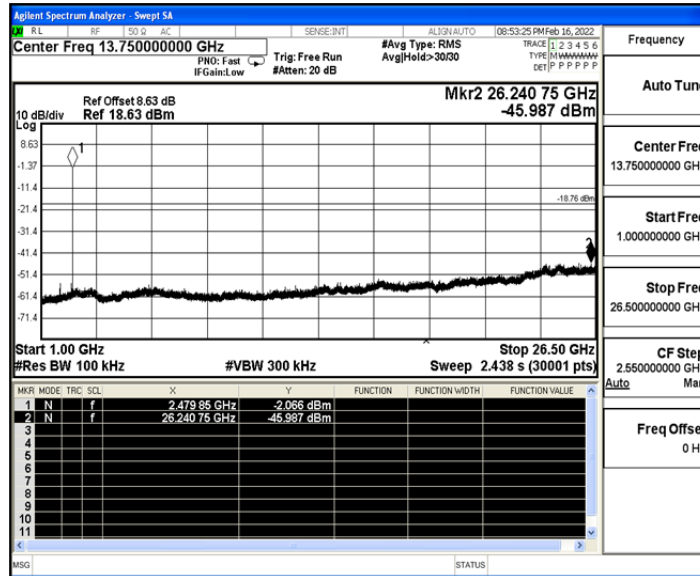
2DH5_Ant1_2480_0~Reference



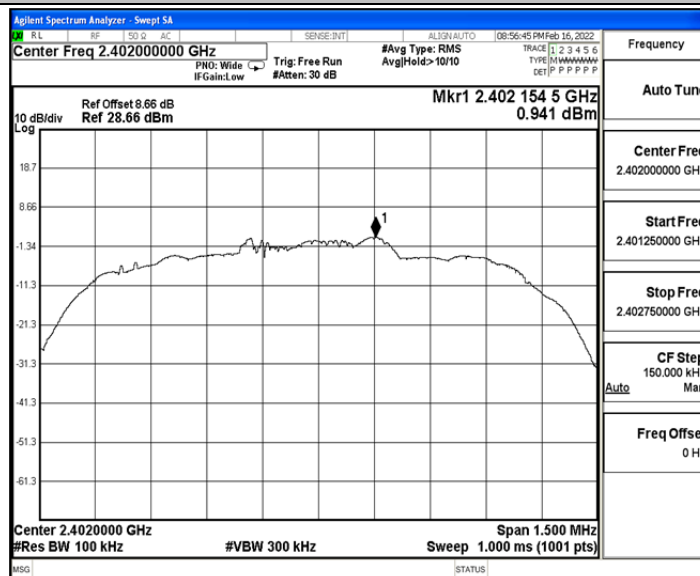
2DH5_Ant1_2480_30~1000



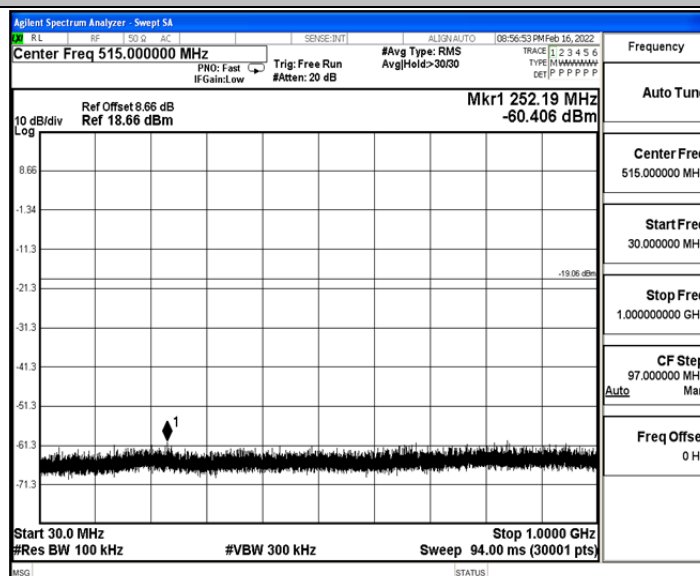
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

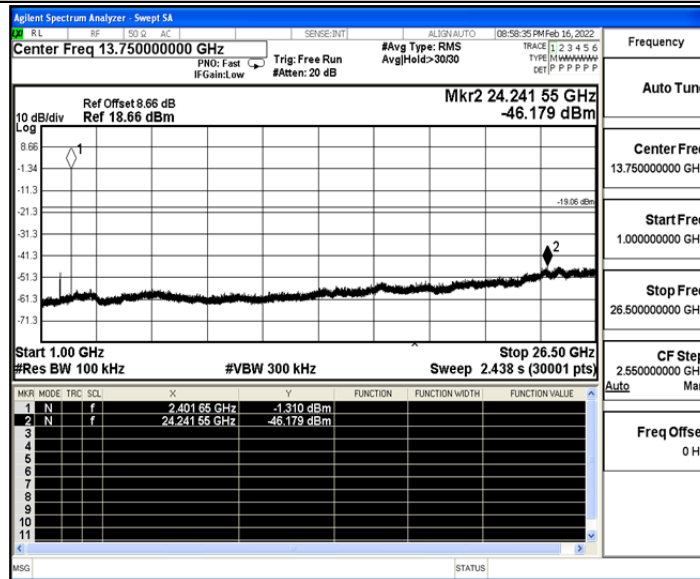


3DH5_Ant1_2402_30~1000

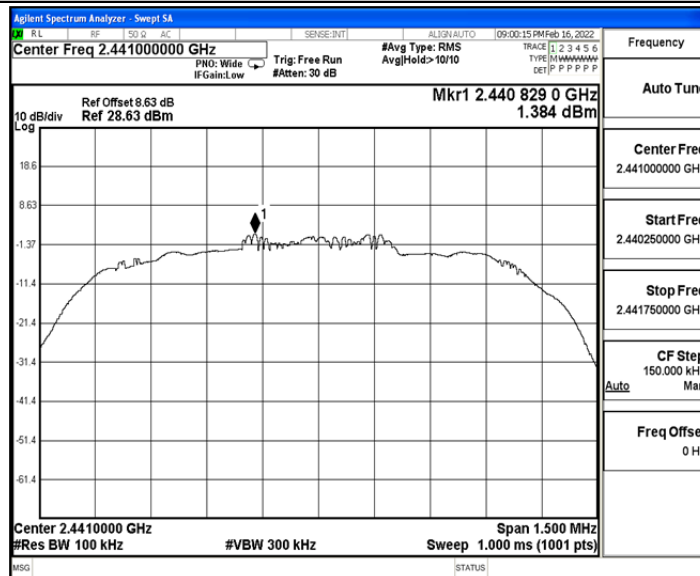




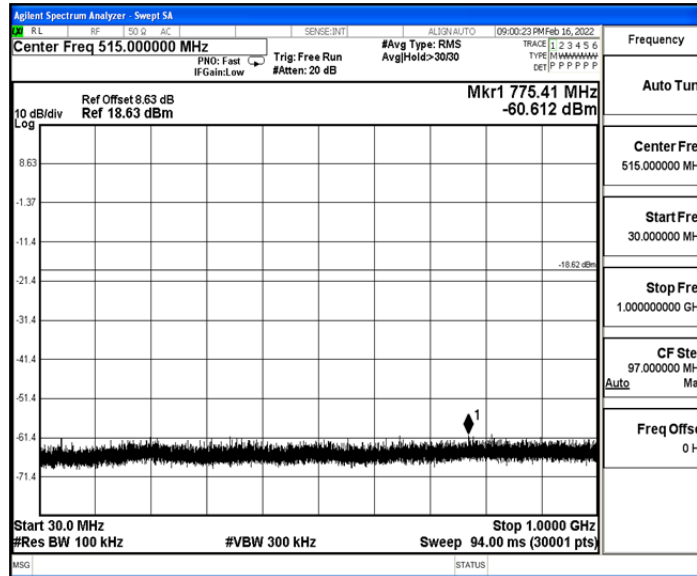
3DH5_Ant1_2402_1000~26500



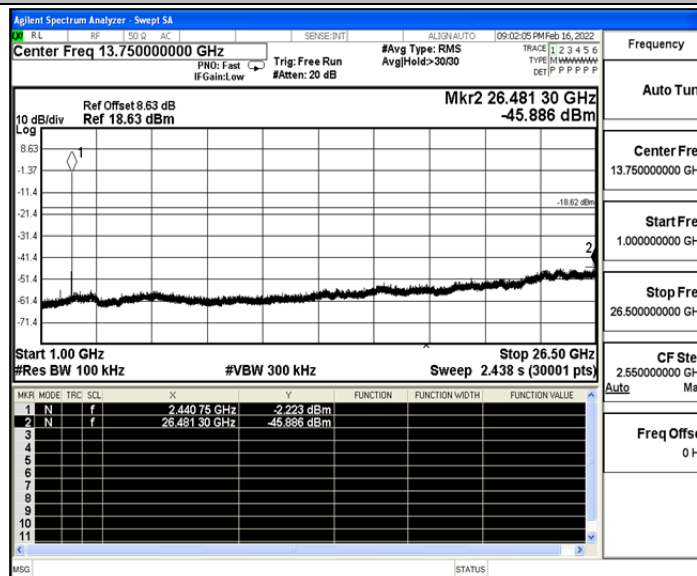
3DH5_Ant1_2441_0~Reference



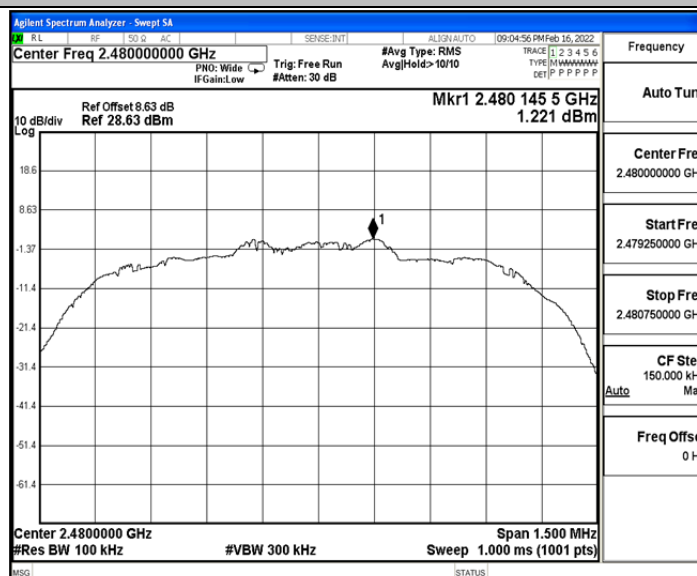
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

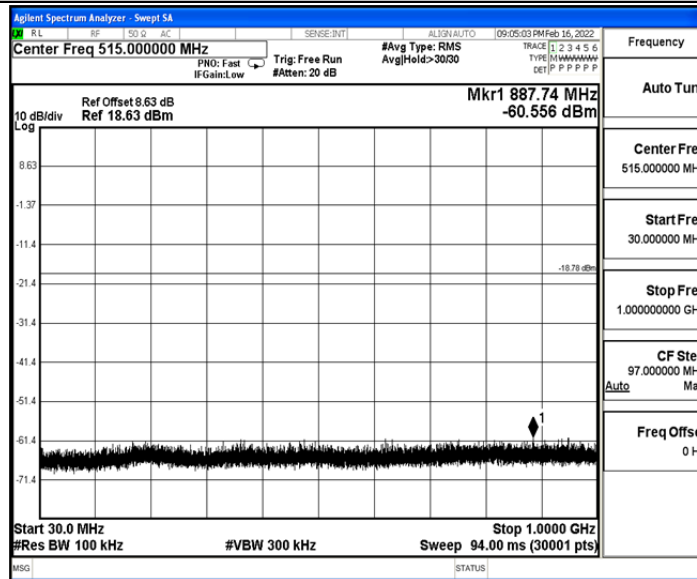


3DH5_Ant1_2480_0~Reference

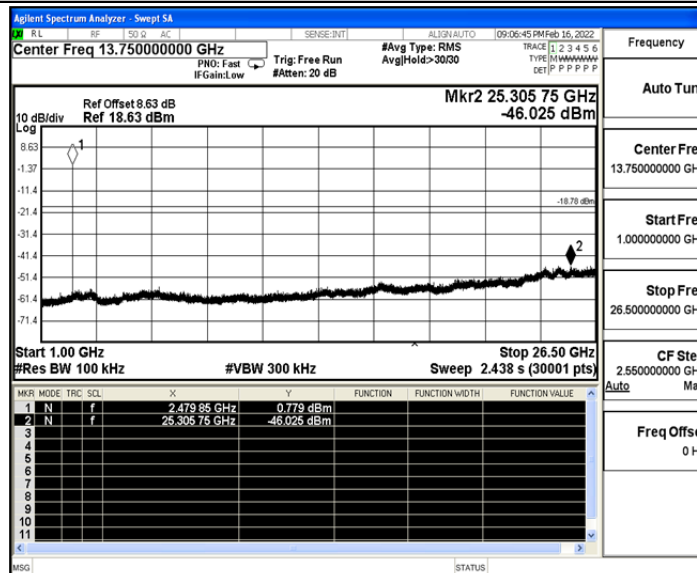




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel Name	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.29	≤-41.20	46.91	≤54	PASS
				AV	2384.945	-47.73	≤-41.20	47.47	≤54	PASS
				AV	2390.000	-48.03	≤-41.20	47.17	≤54	PASS
				Peak	2310.000	-38.52	≤-21.20	56.68	≤74	PASS
				Peak	2379.380	-36.72	≤-21.20	58.48	≤74	PASS
				Peak	2390.000	-38.55	≤-21.20	56.65	≤74	PASS
		High	2480	AV	2483.500	-47.25	≤-41.20	47.95	≤54	PASS
				AV	2498.160	-47.14	≤-41.20	48.06	≤54	PASS
				AV	2500.000	-47.25	≤-41.20	47.95	≤54	PASS
				Peak	2483.500	-37.39	≤-21.20	57.81	≤74	PASS
				Peak	2487.680	-36.39	≤-21.20	58.81	≤74	PASS
				Peak	2500.000	-38.1	≤-21.20	57.10	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-38.91	≤-21.20	56.29	≤74	PASS
				Peak	2386.835	-35.93	≤-21.20	59.27	≤74	PASS
				Peak	2390.000	-39.32	≤-21.20	55.88	≤74	PASS
		High	Hop_2480	Peak	2483.500	-37.94	≤-21.20	57.26	≤74	PASS
				Peak	2496.560	-36.13	≤-21.20	59.07	≤74	PASS
				Peak	2500.000	-37.84	≤-21.20	57.36	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.3	≤-41.20	46.90	≤54	PASS
				AV	2379.590	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2390.000	-47.9	≤-41.20	47.30	≤54	PASS
				Peak	2310.000	-38.69	≤-21.20	56.51	≤74	PASS
				Peak	2318.480	-36.28	≤-21.20	58.92	≤74	PASS
				Peak	2390.000	-38.15	≤-21.20	57.05	≤74	PASS
		High	2480	AV	2483.500	-47.08	≤-41.20	48.12	≤54	PASS
				AV	2483.520	-47.08	≤-41.20	48.12	≤54	PASS
				AV	2500.000	-47.32	≤-41.20	47.88	≤54	PASS
				Peak	2483.500	-37.47	≤-21.20	57.73	≤74	PASS
				Peak	2490.800	-36.66	≤-21.20	58.54	≤74	PASS
				Peak	2500.000	-37.03	≤-21.20	58.17	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.63	≤-21.20	55.57	≤74	PASS
				Peak	2386.205	-36.87	≤-21.20	58.33	≤74	PASS
				Peak	2390.000	-38.3	≤-21.20	56.90	≤74	PASS
		High	Hop_2480	Peak	2483.500	-37	≤-21.20	58.20	≤74	PASS
				Peak	2486.320	-35.98	≤-21.20	59.22	≤74	PASS
				Peak	2500.000	-38.48	≤-21.20	56.72	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.33	≤-41.20	46.87	≤54	PASS



				AV	2387.675	-47.75	≤ -41.20	47.45	≤ 54	PASS
				AV	2390.000	-47.89	≤ -41.20	47.31	≤ 54	PASS
				Peak	2310.000	-38.62	≤ -21.20	56.58	≤ 74	PASS
				Peak	2387.255	-36.32	≤ -21.20	58.88	≤ 74	PASS
				Peak	2390.000	-37.76	≤ -21.20	57.44	≤ 74	PASS
		High	2480	AV	2483.500	-47.06	≤ -41.20	48.14	≤ 54	PASS
				AV	2483.520	-47.06	≤ -41.20	48.14	≤ 54	PASS
				AV	2500.000	-47.34	≤ -41.20	47.86	≤ 54	PASS
				Peak	2483.500	-38.01	≤ -21.20	57.19	≤ 74	PASS
				Peak	2494.880	-36.29	≤ -21.20	58.91	≤ 74	PASS
				Peak	2500.000	-37.44	≤ -21.20	57.76	≤ 74	PASS
		Low	Hop_24 02	Peak	2310.000	-38.37	≤ -21.20	56.83	≤ 74	PASS
				Peak	2333.915	-37.09	≤ -21.20	58.11	≤ 74	PASS
				Peak	2390.000	-39.18	≤ -21.20	56.02	≤ 74	PASS
		High	Hop_24 80	Peak	2483.500	-38.39	≤ -21.20	56.81	≤ 74	PASS
				Peak	2485.440	-36.6	≤ -21.20	58.60	≤ 74	PASS
				Peak	2500.000	-37.45	≤ -21.20	57.75	≤ 74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.