



Appendix A

RF Test Data for BT (Conducted Measurement)

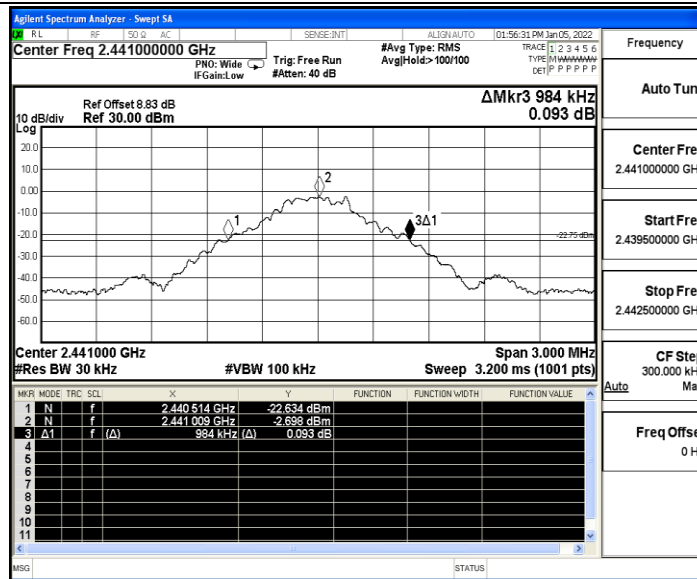
Product Name: Tablet PC

Test Model: F11W

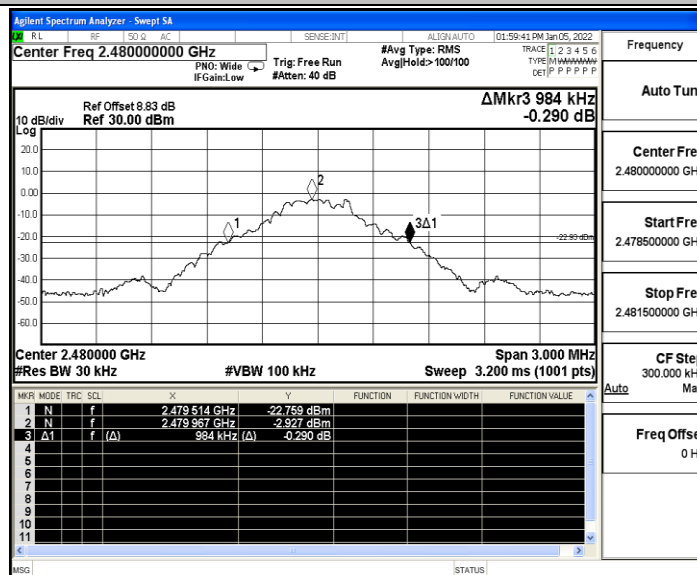
Environmental Conditions

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

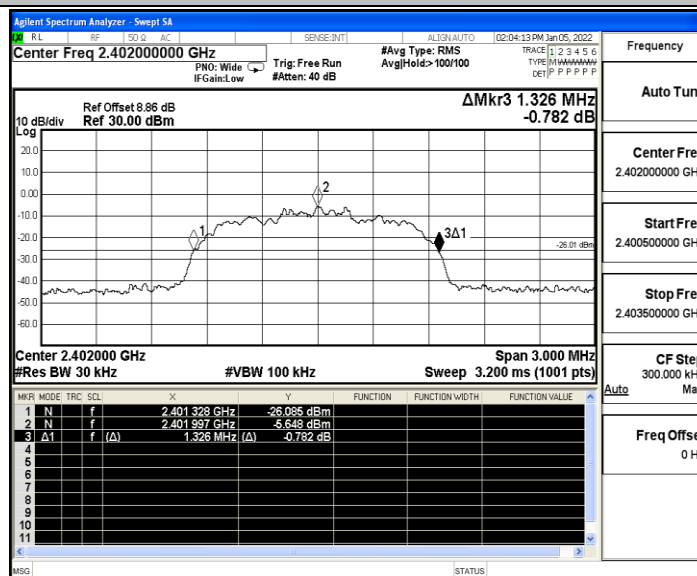




DH5_Ant1_2480

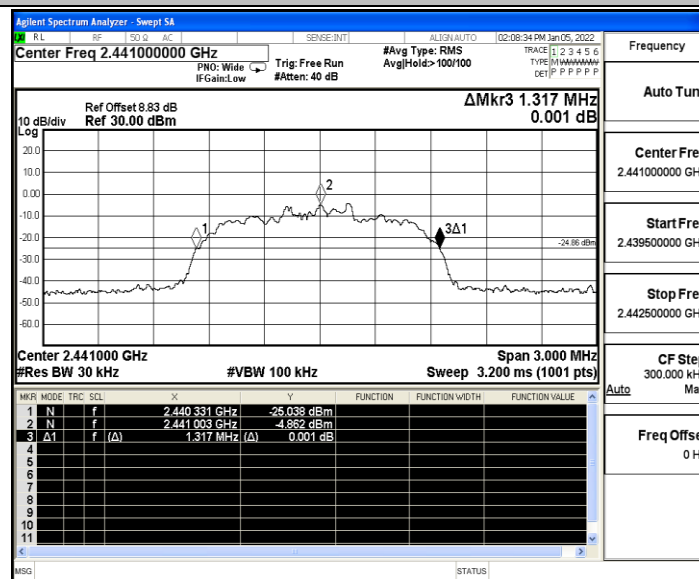


2DH5_Ant1_2402

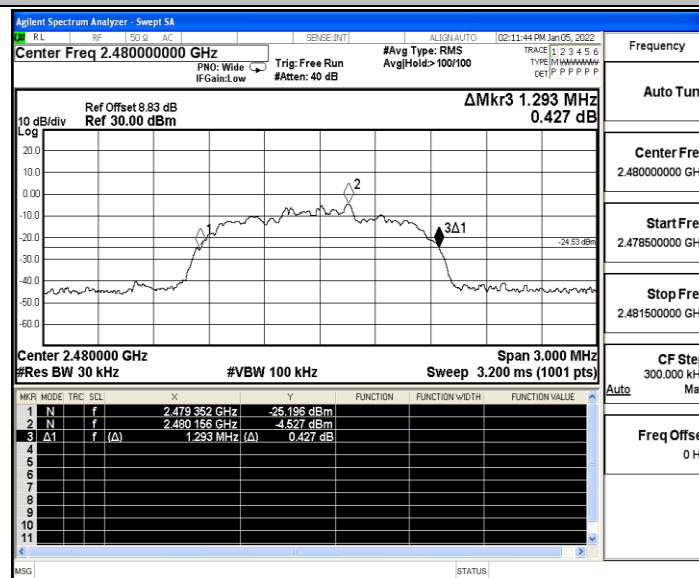




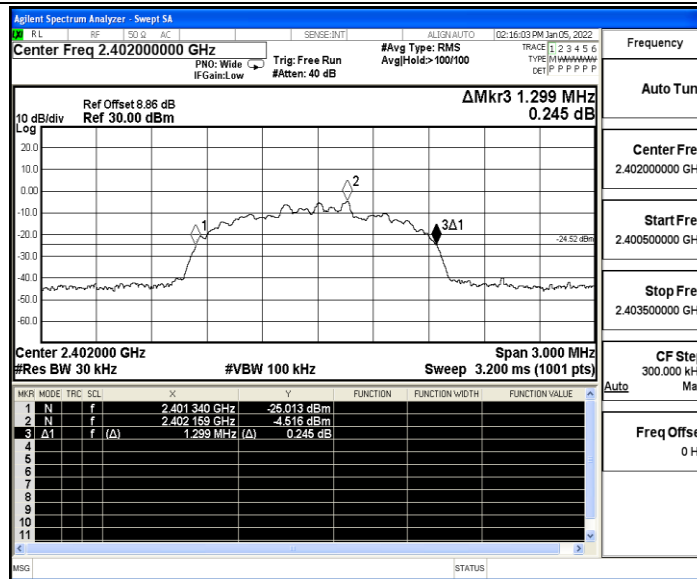
2DH5_Ant1_2441



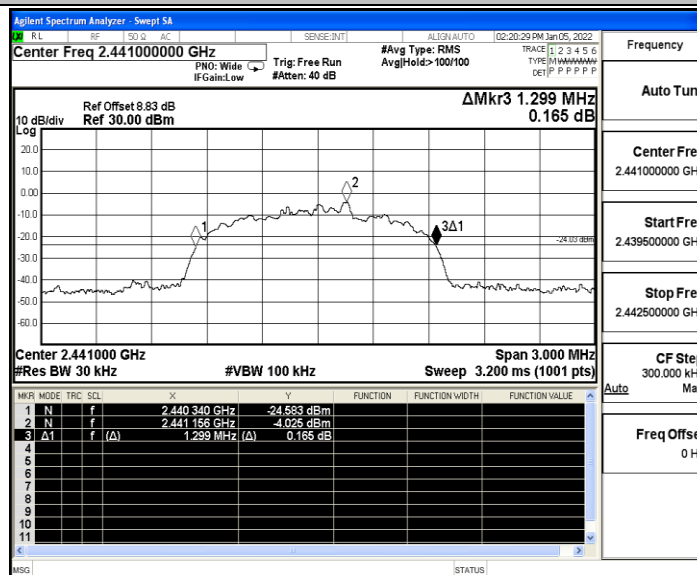
2DH5_Ant1_2480



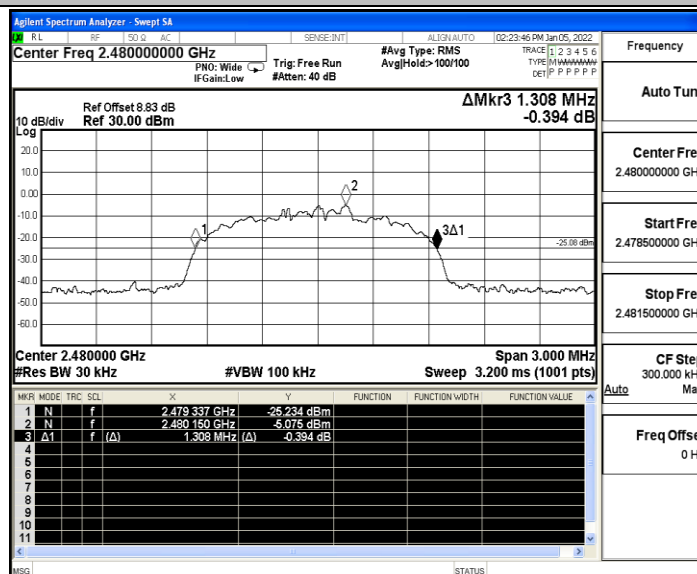
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



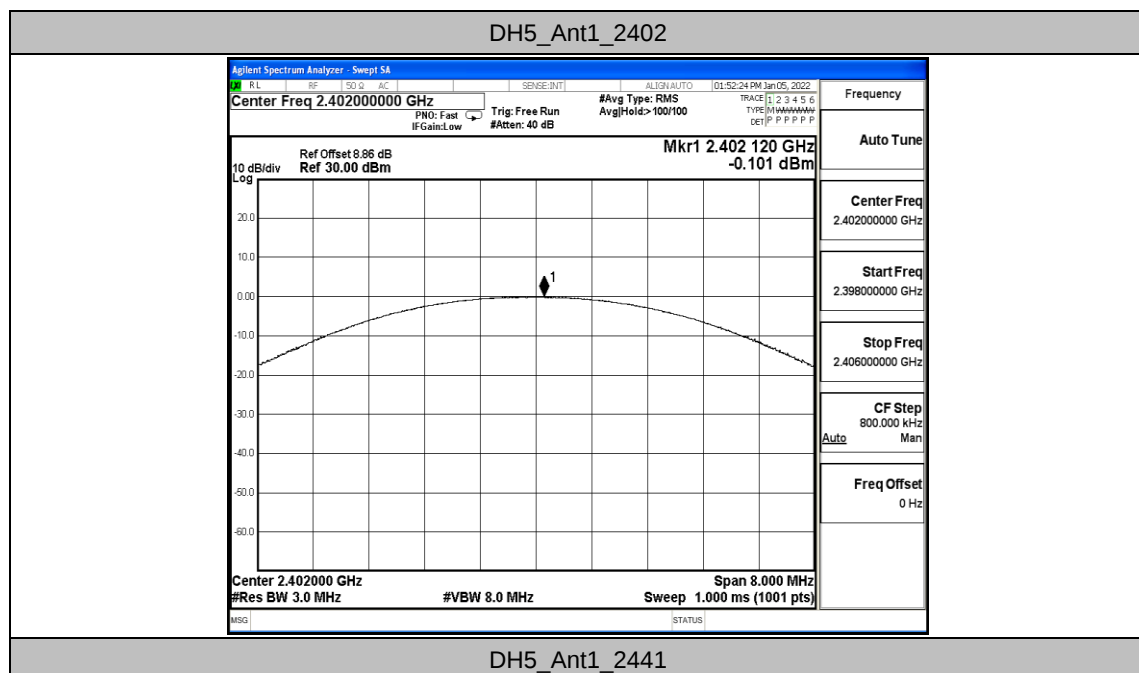


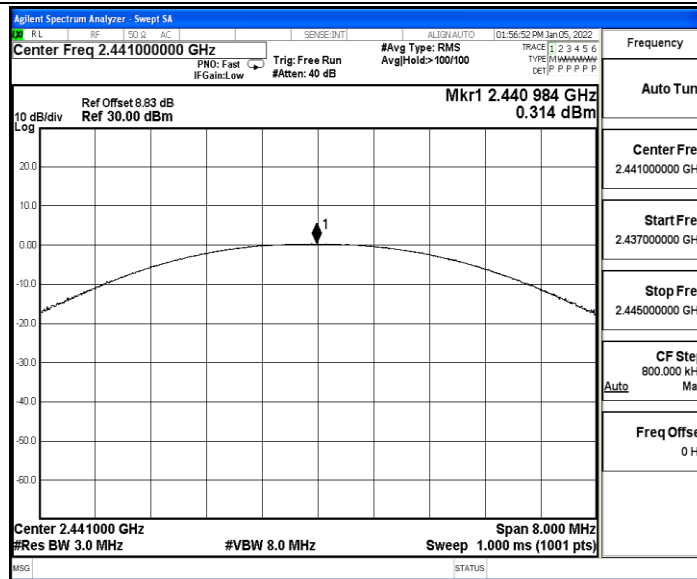
A.2 Maximum conducted output power

Test Result

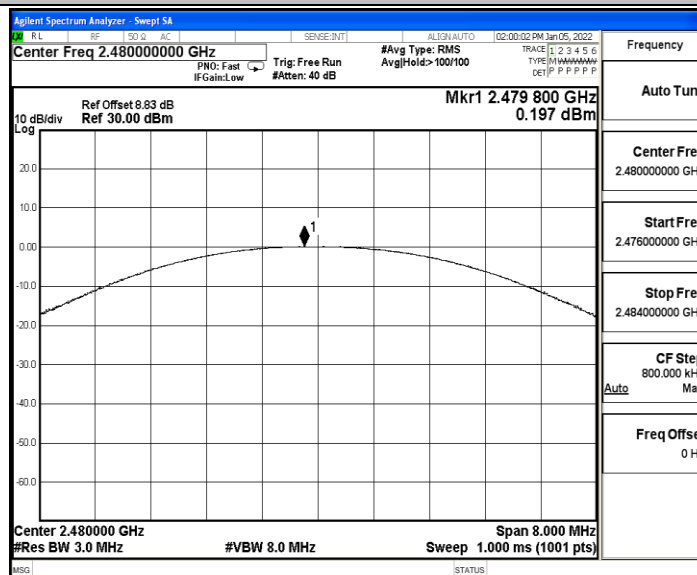
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.1	≤20.97	PASS
		2441	0.31	≤20.97	PASS
		2480	0.2	≤20.97	PASS
2DH5	Ant1	2402	-0.43	≤20.97	PASS
		2441	-0.02	≤20.97	PASS
		2480	-0.19	≤20.97	PASS
3DH5	Ant1	2402	-0.4	≤20.97	PASS
		2441	0.06	≤20.97	PASS
		2480	-0.15	≤20.97	PASS

Test Graphs

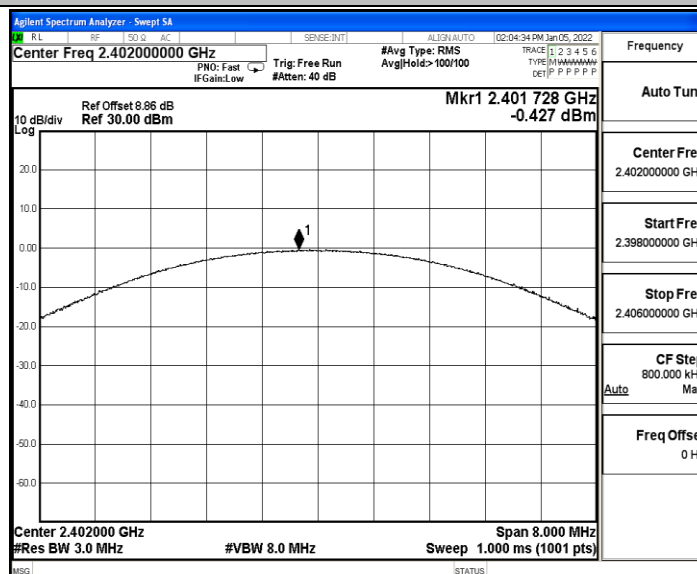




DH5_Ant1_2480

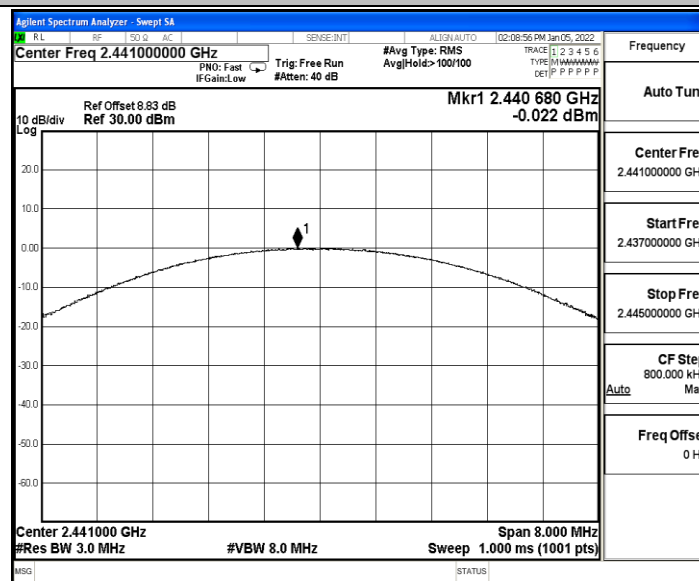


2DH5_Ant1_2402

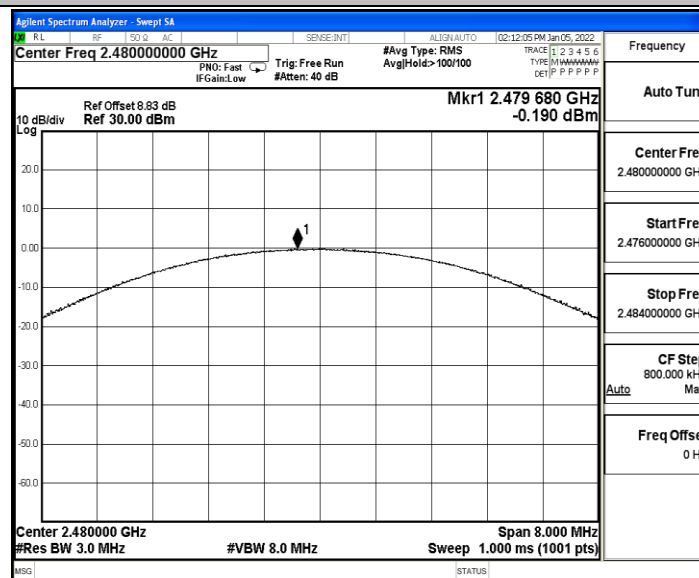




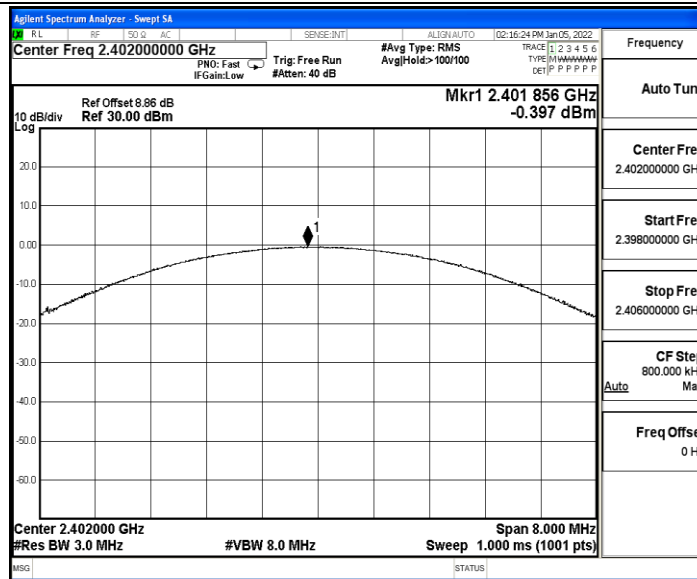
2DH5_Ant1_2441



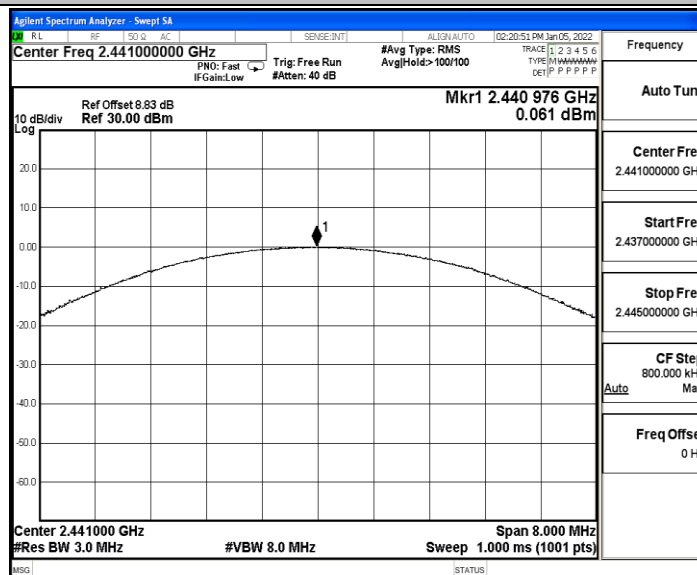
2DH5_Ant1_2480



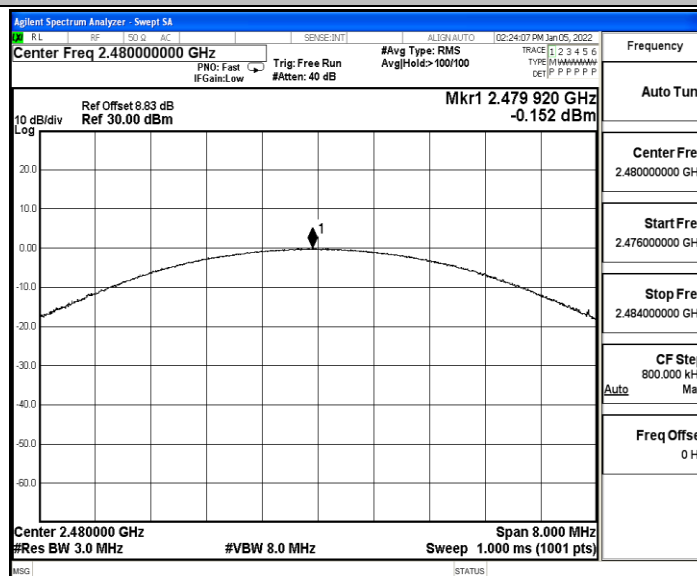
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



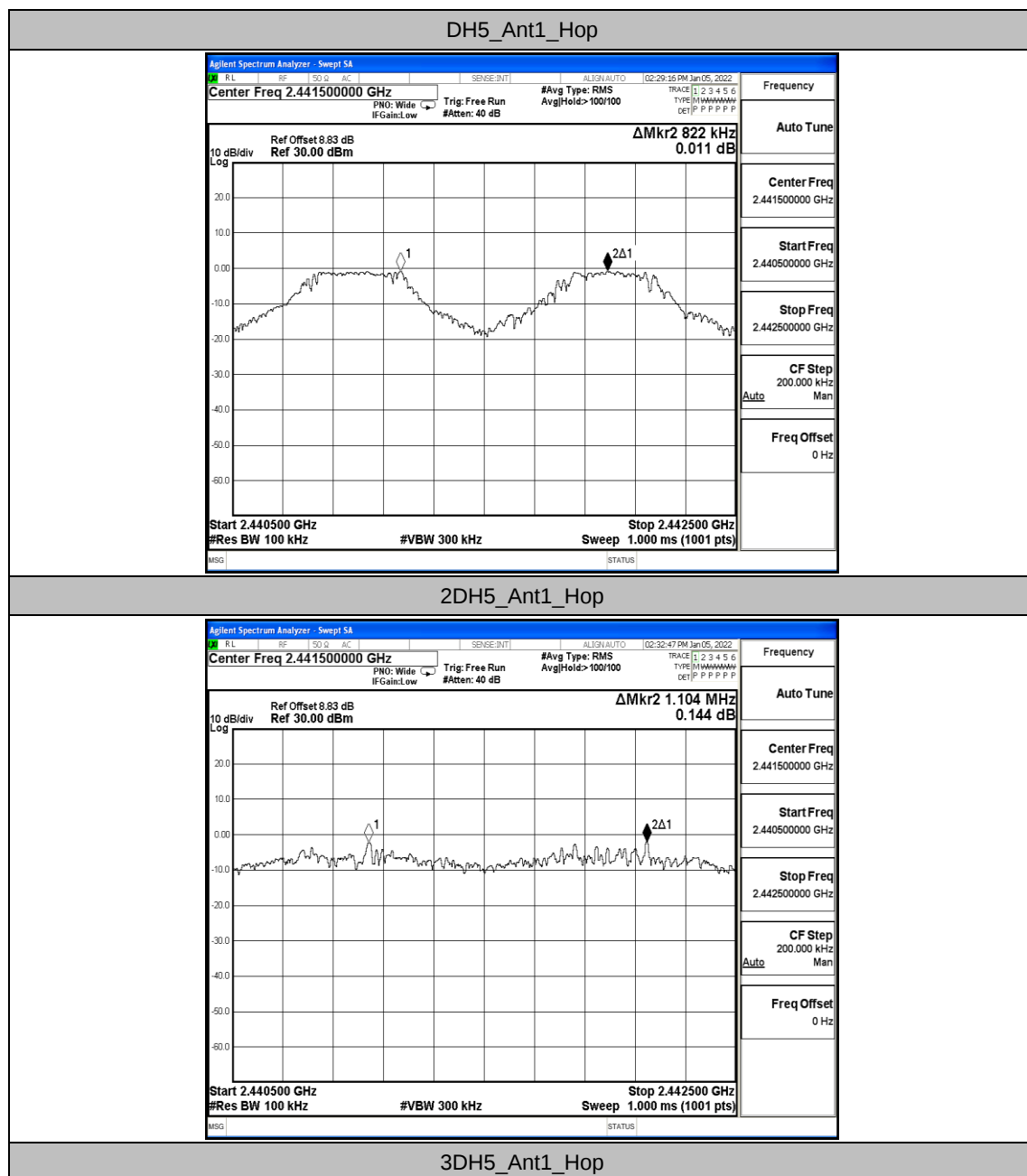


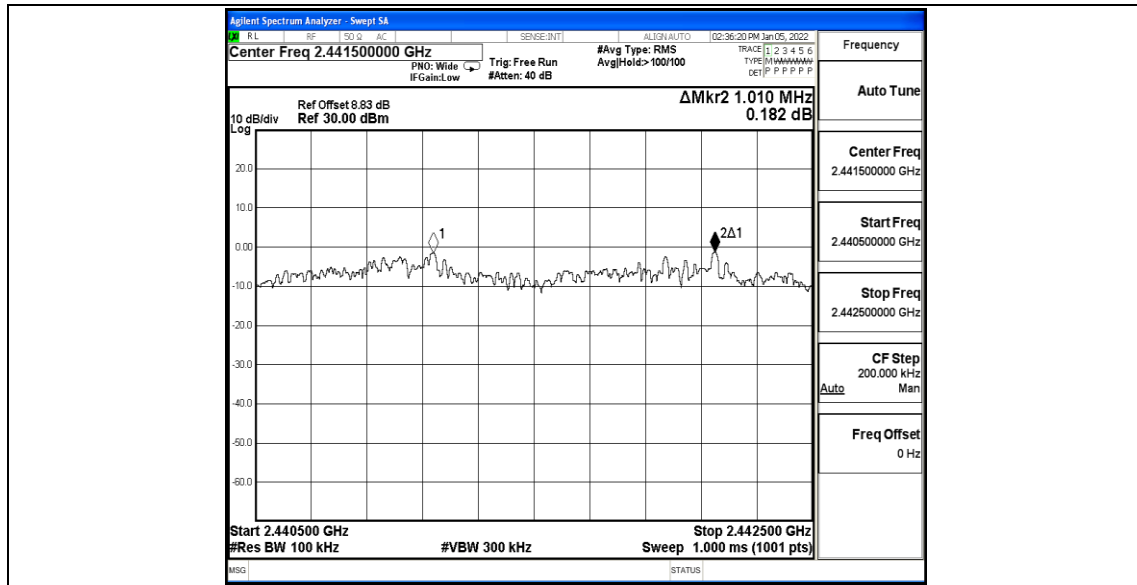
A.3 Carrier frequency separation

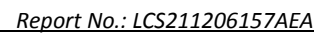
Test Result

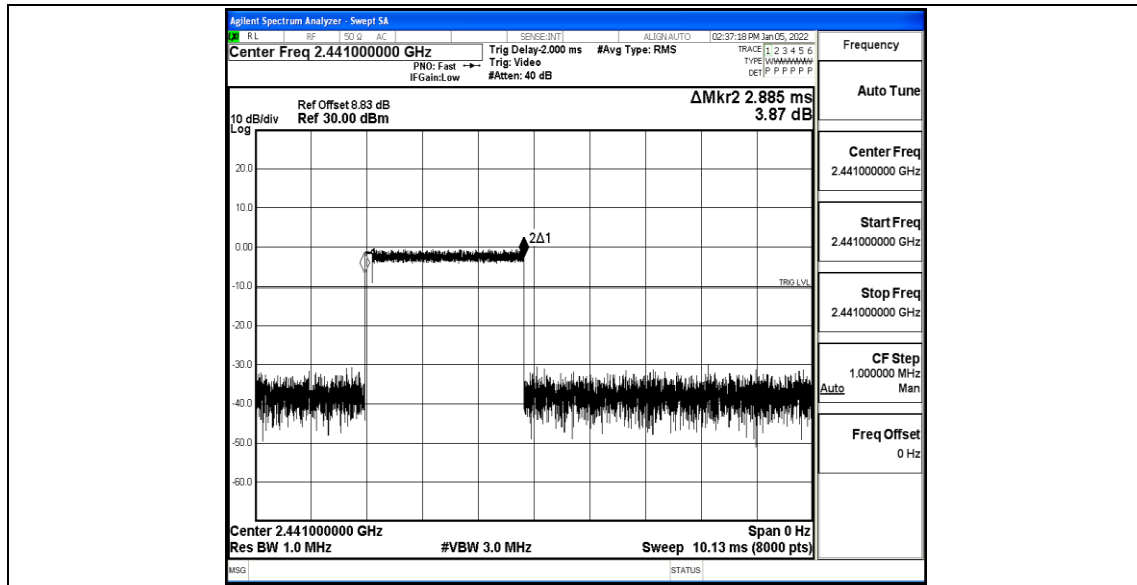
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.822	≥0.694	PASS
2DH5	Ant1	Hop	1.104	≥0.884	PASS
3DH5	Ant1	Hop	1.01	≥0.872	PASS

Test Graphs









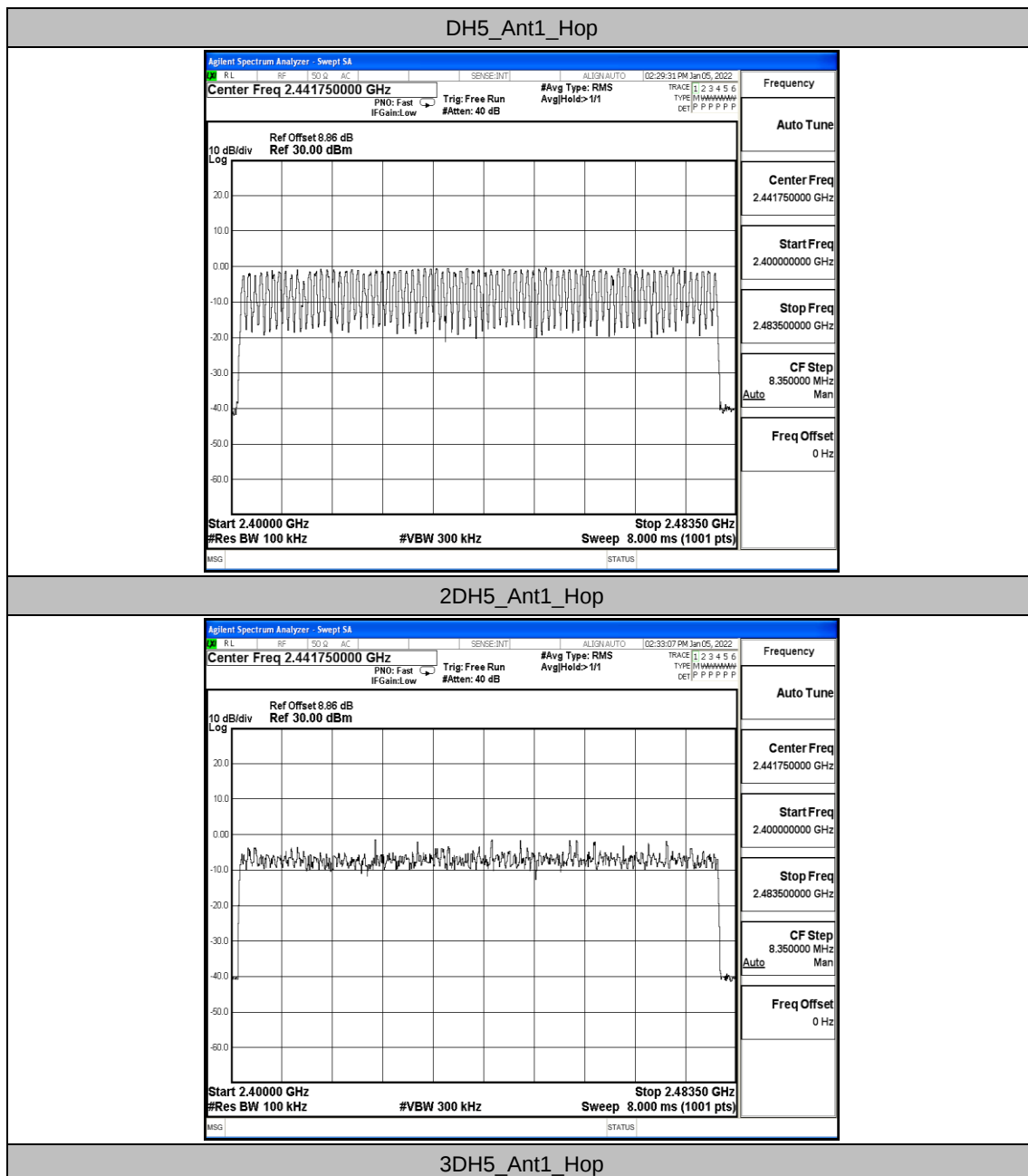


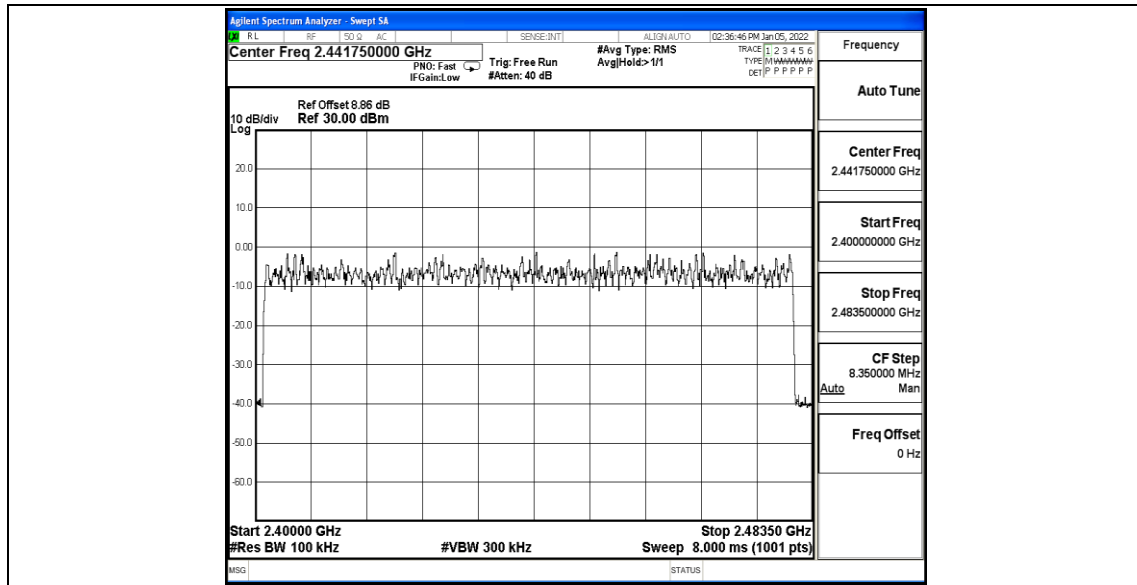
A.5 Number of hopping channels

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







A.6 Band edge measurements

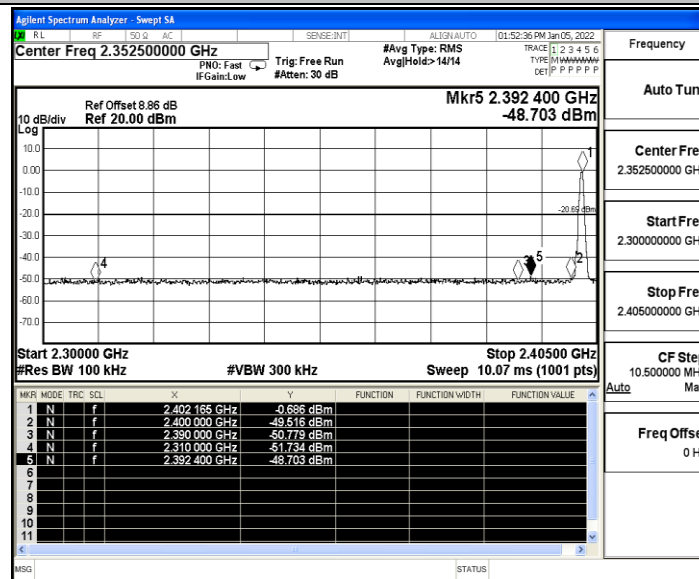
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.69	-48.7	≤ -20.69	PASS
		High	2480	-0.56	-47.3	≤ -20.56	PASS
		Low	Hop_2402	-1.62	-48.88	≤ -21.62	PASS
		High	Hop_2480	-0.73	-47.42	≤ -20.73	PASS
2DH5	Ant1	Low	2402	-3.57	-48.57	≤ -23.57	PASS
		High	2480	-1.49	-47.56	≤ -21.49	PASS
		Low	Hop_2402	-6.35	-49.16	≤ -26.35	PASS
		High	Hop_2480	-4.97	-47.87	≤ -24.97	PASS
3DH5	Ant1	Low	2402	-1.69	-48.43	≤ -21.69	PASS
		High	2480	-1.63	-47.97	≤ -21.63	PASS
		Low	Hop_2402	-2.74	-48.78	≤ -22.74	PASS
		High	Hop_2480	-4.12	-47.8	≤ -24.12	PASS

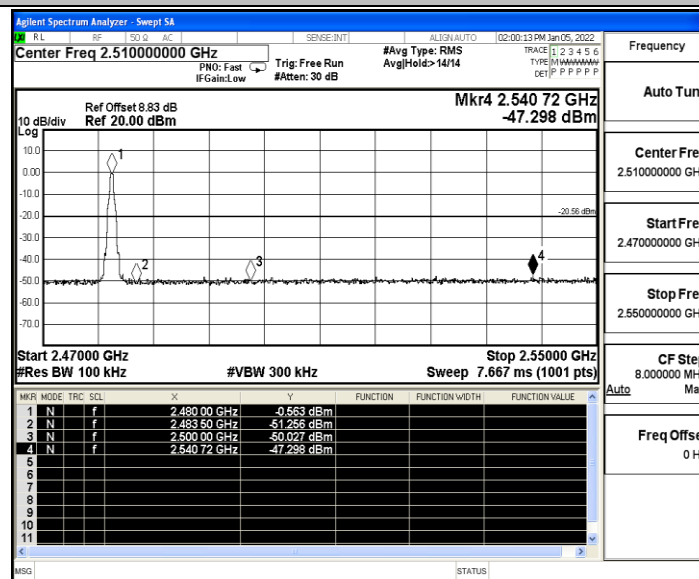


Test Graphs

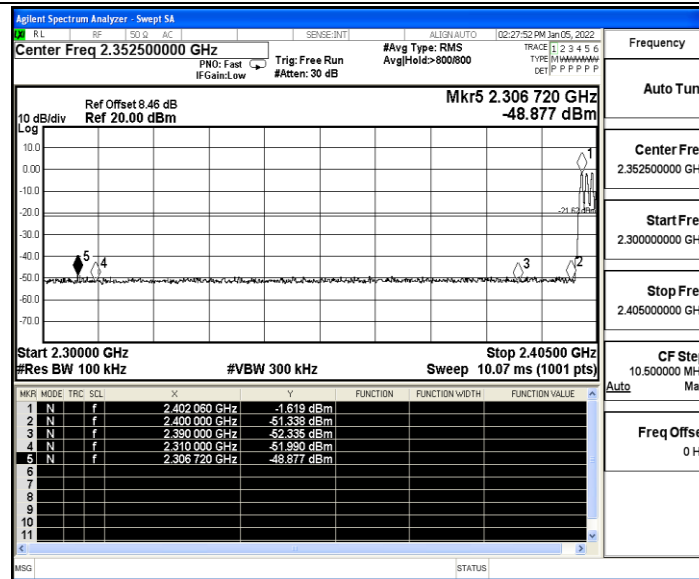
DH5_Ant1_Low_2402



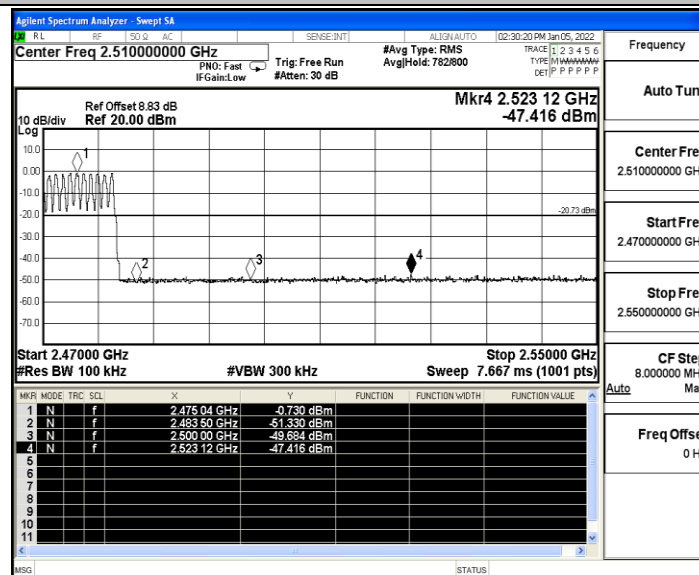
DH5_Ant1_High_2480



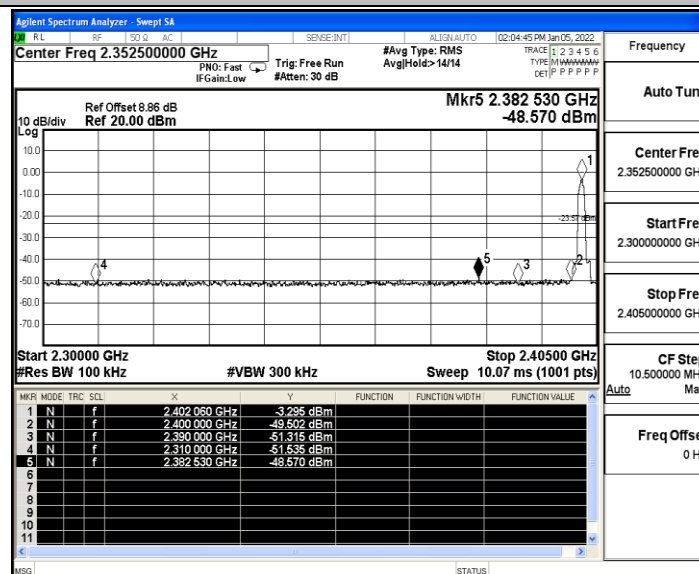
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

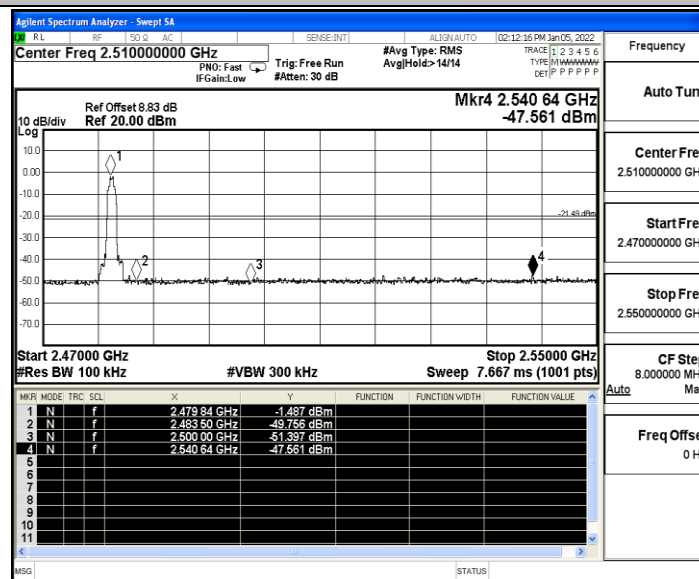


2DH5_Ant1_Low_2402

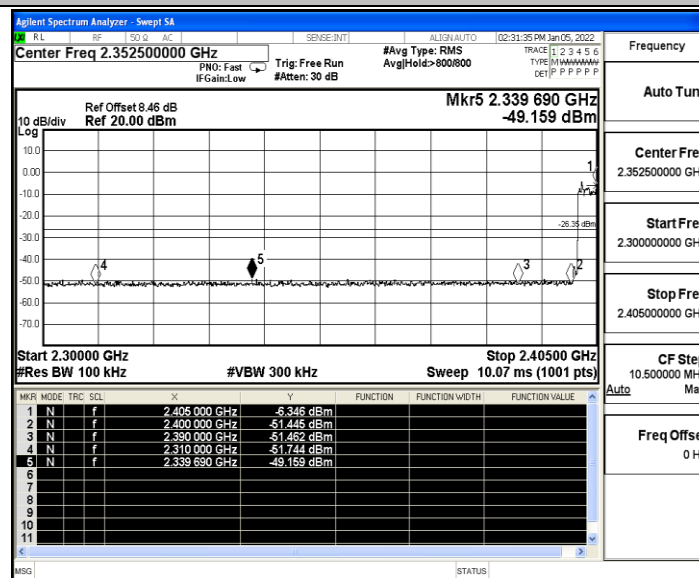




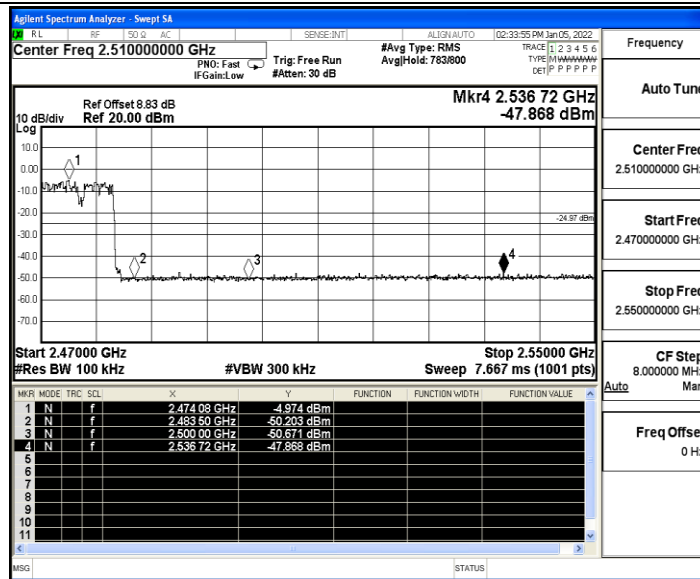
2DH5_Ant1_High_2480



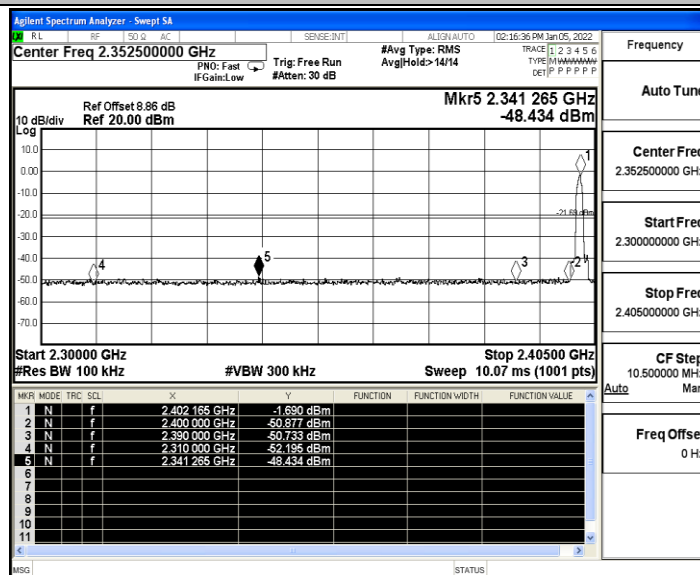
2DH5_Ant1_Low_Hop_2402



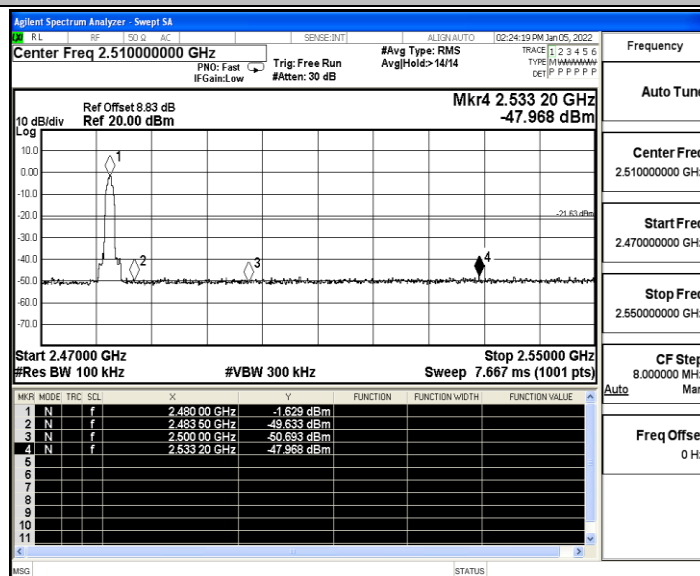
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

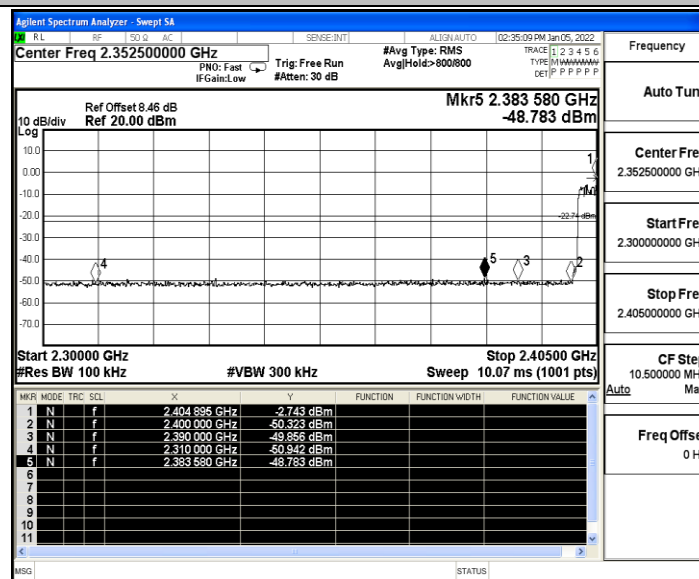


3DH5_Ant1_High_2480

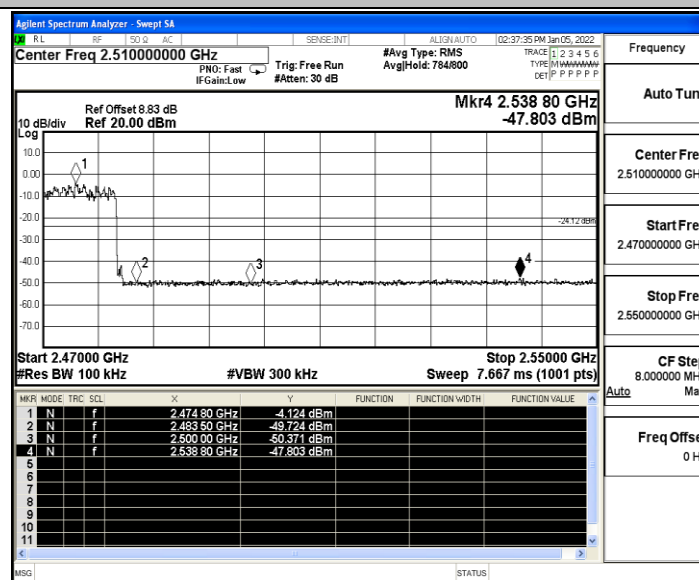




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

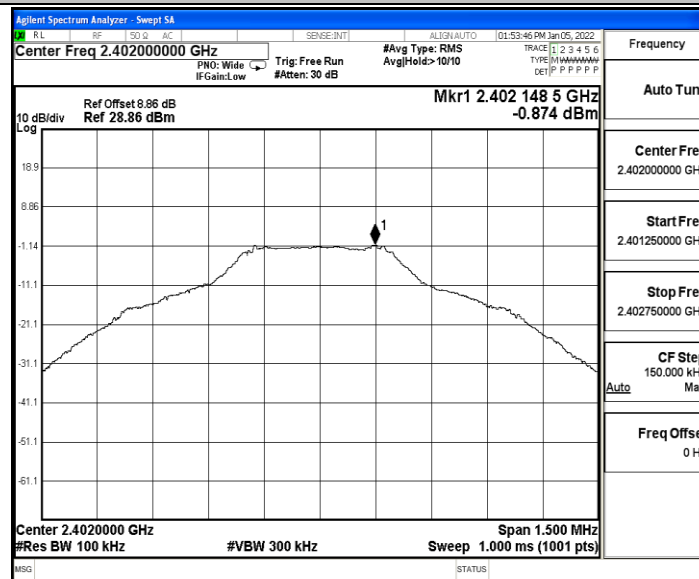
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.87	-0.87	---	PASS
			30~1000	-0.87	-60.73	≤-20.87	PASS
			1000~26500	-0.87	-44.88	≤-20.87	PASS
		2441	Reference	-0.39	-0.39	---	PASS
			30~1000	-0.39	-60.56	≤-20.39	PASS
			1000~26500	-0.39	-46.07	≤-20.39	PASS
		2480	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-60.23	≤-20.52	PASS
			1000~26500	-0.52	-45.9	≤-20.52	PASS
2DH5	Ant1	2402	Reference	-2.00	-2.00	---	PASS
			30~1000	-2.00	-60.23	≤-22	PASS
			1000~26500	-2.00	-45.49	≤-22	PASS
		2441	Reference	-1.47	-1.47	---	PASS
			30~1000	-1.47	-60.2	≤-21.47	PASS
			1000~26500	-1.47	-46.19	≤-21.47	PASS
		2480	Reference	-1.70	-1.70	---	PASS
			30~1000	-1.70	-60.94	≤-21.7	PASS
			1000~26500	-1.70	-45.67	≤-21.7	PASS
3DH5	Ant1	2402	Reference	-1.84	-1.84	---	PASS
			30~1000	-1.84	-59.48	≤-21.84	PASS
			1000~26500	-1.84	-45.56	≤-21.84	PASS
		2441	Reference	-1.42	-1.42	---	PASS
			30~1000	-1.42	-60.41	≤-21.42	PASS
			1000~26500	-1.42	-45.66	≤-21.42	PASS
		2480	Reference	-1.65	-1.65	---	PASS
			30~1000	-1.65	-58.79	≤-21.65	PASS
			1000~26500	-1.65	-45.3	≤-21.65	PASS

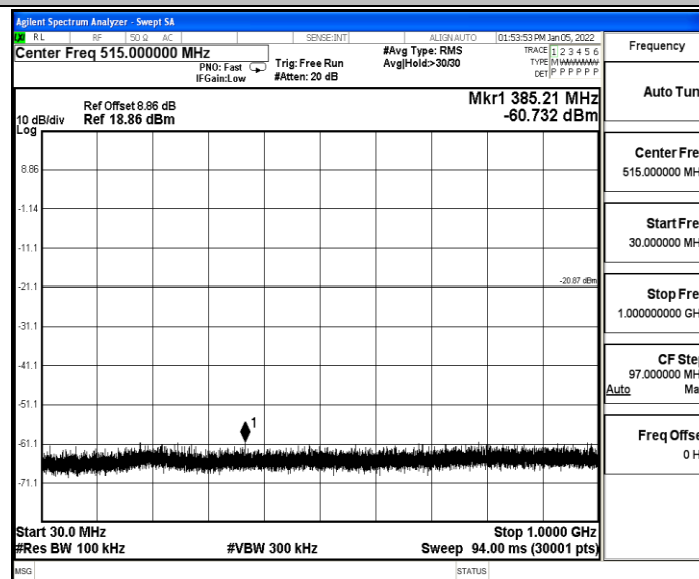


Test Graphs

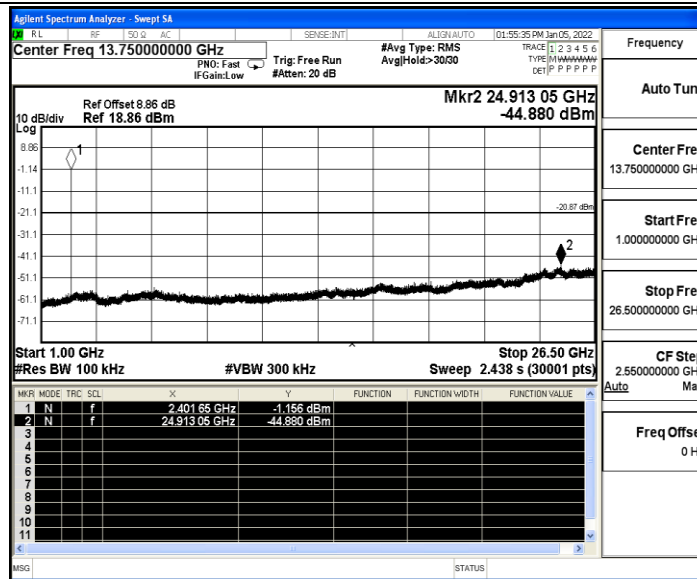
DH5_Ant1_2402_0-Reference



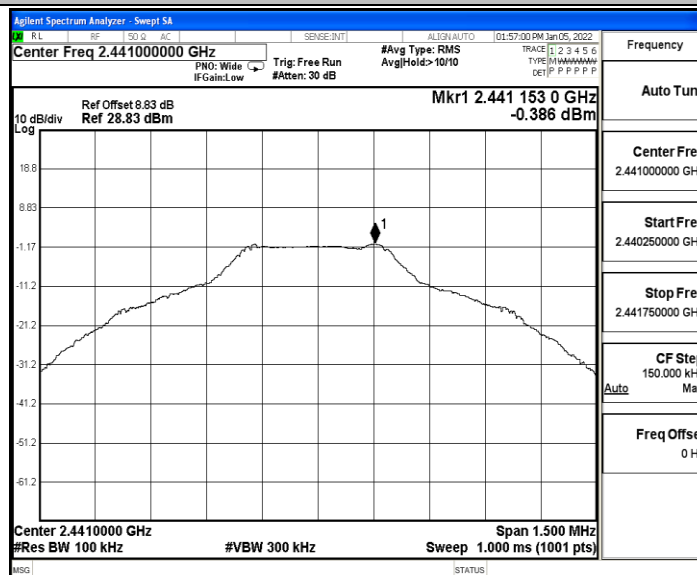
DH5_Ant1_2402_30~1000



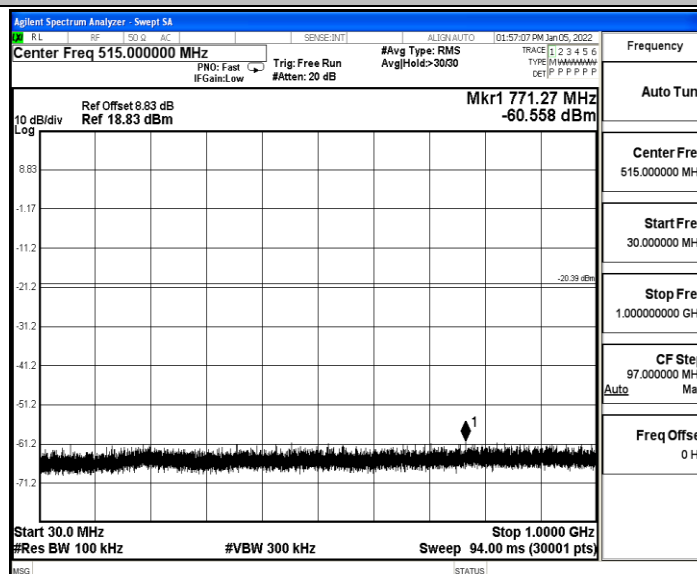
DH5_Ant1_2402_1000~26500

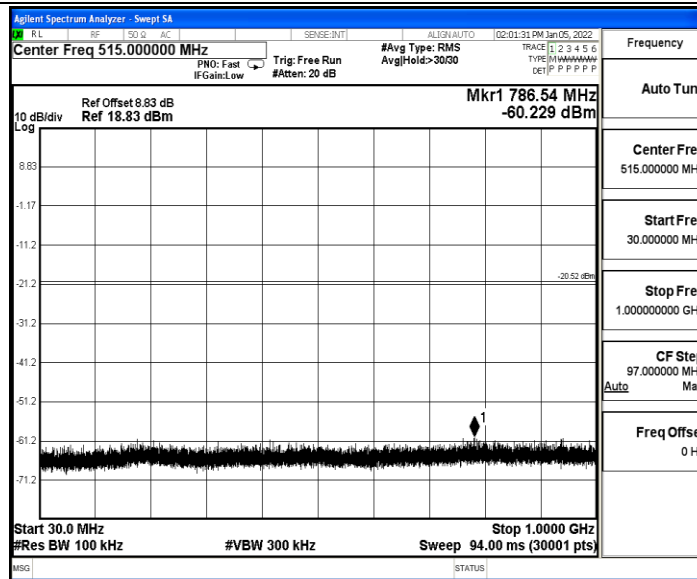


DH5_Ant1_2441_0~Reference

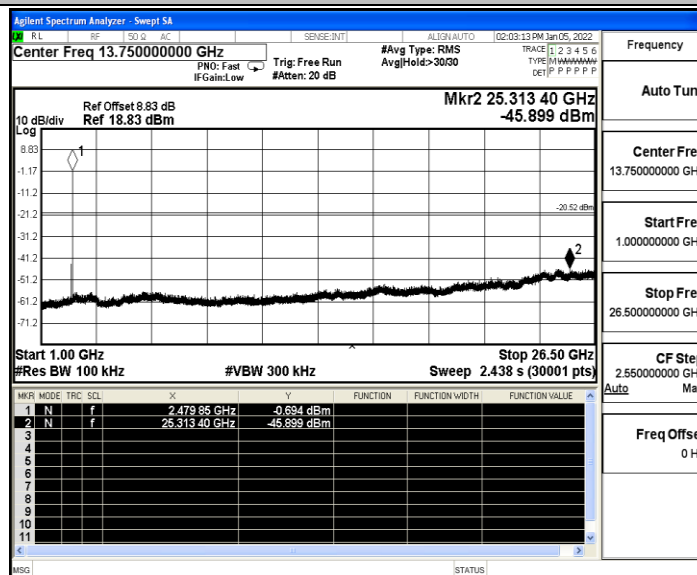


DH5_Ant1_2441_30~1000

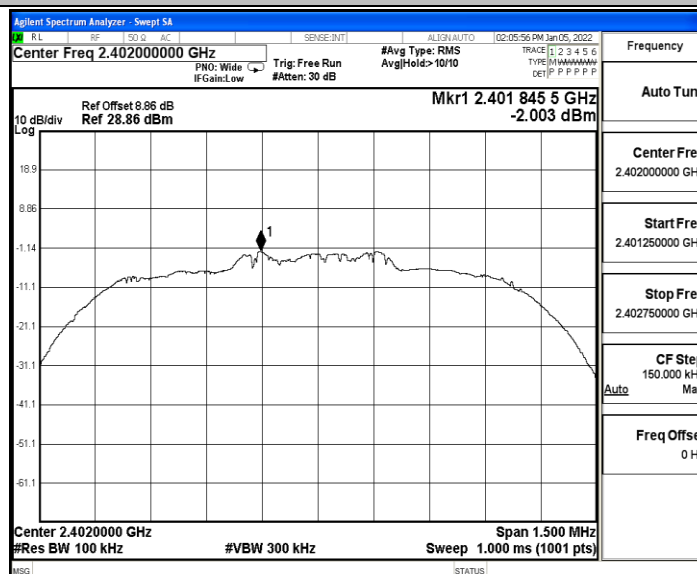




DH5_Ant1_2480_1000~26500

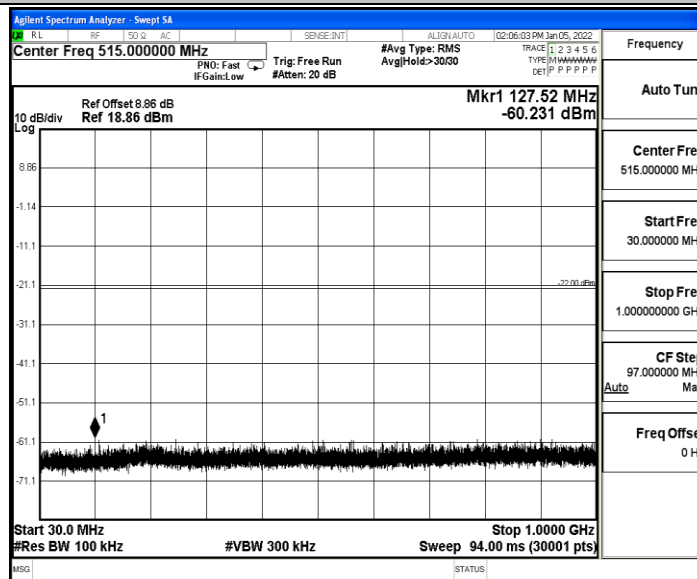


2DH5_Ant1_2402_0~Reference

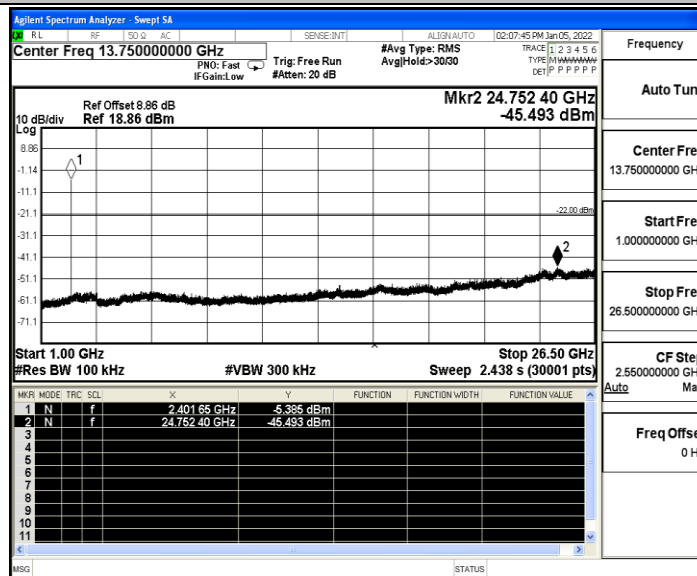




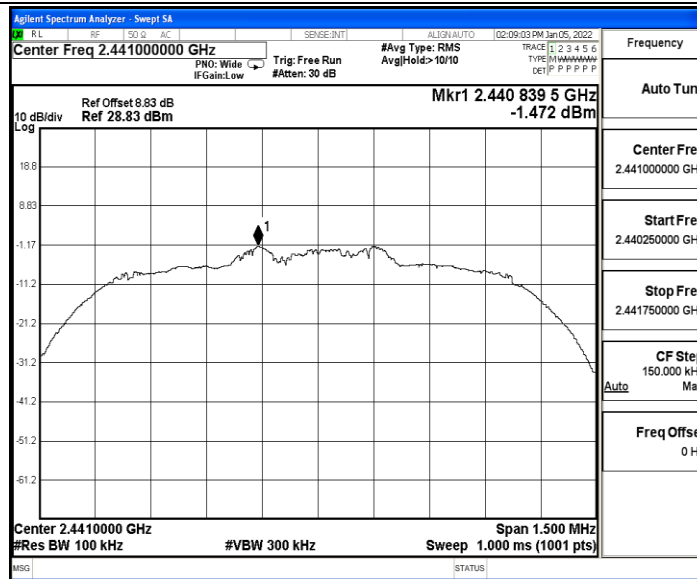
2DH5_Ant1_2402_30~1000



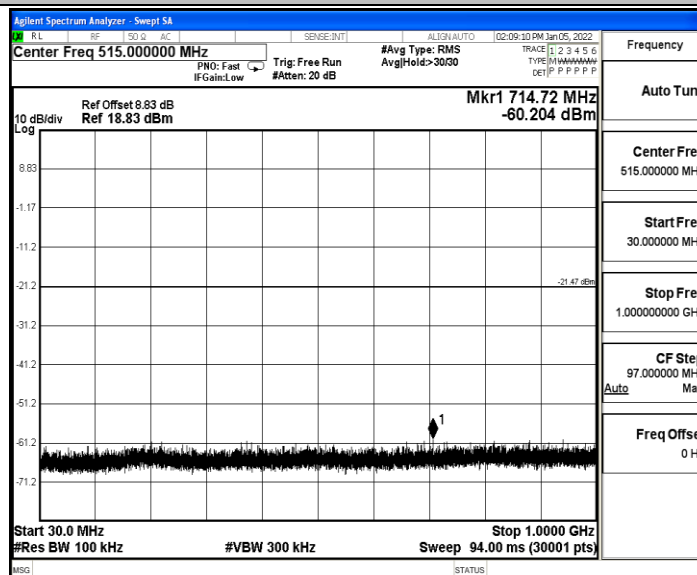
2DH5_Ant1_2402_1000~26500



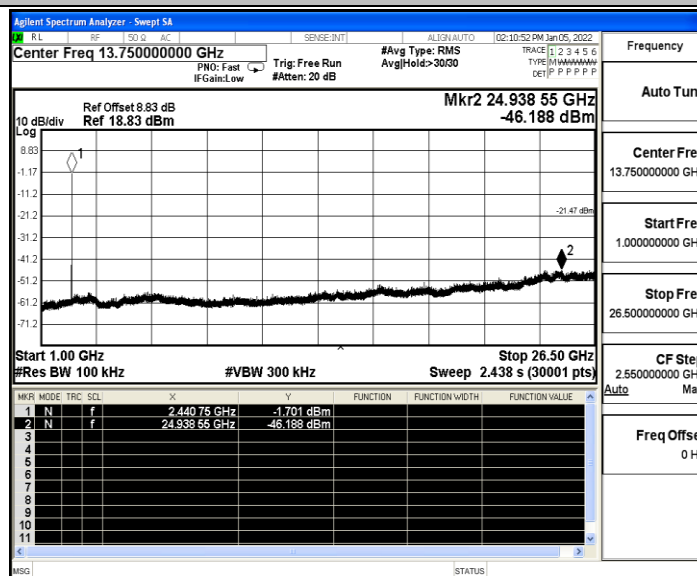
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

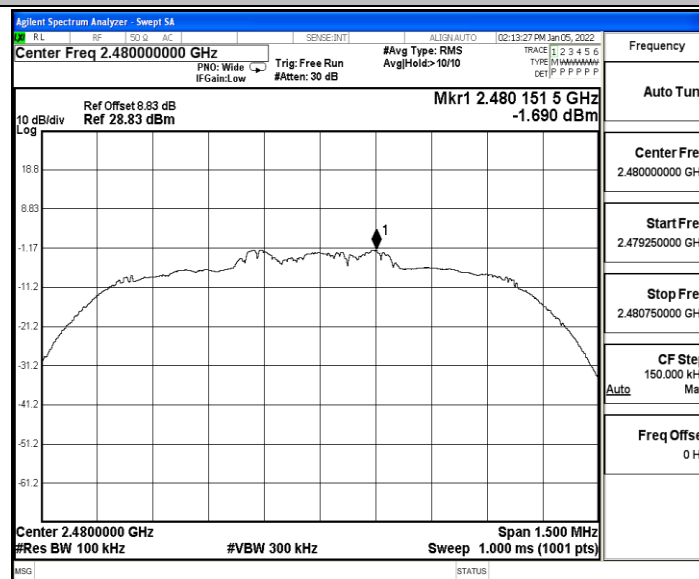


2DH5_Ant1_2441_1000~26500

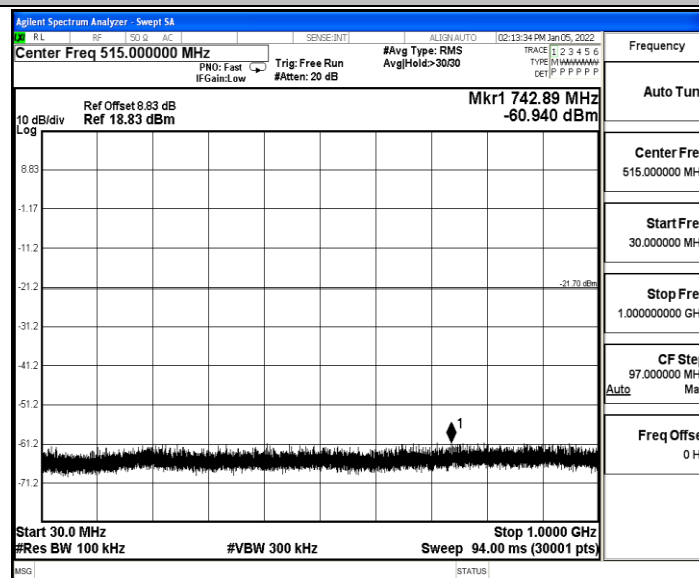




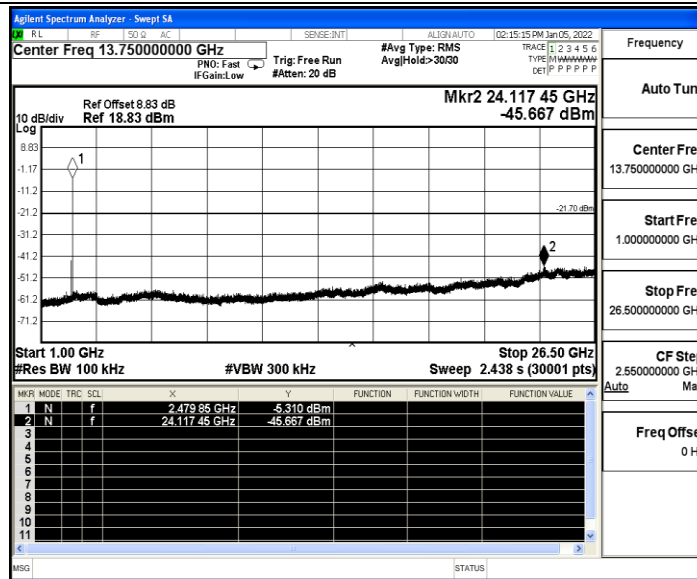
2DH5_Ant1_2480_0~Reference



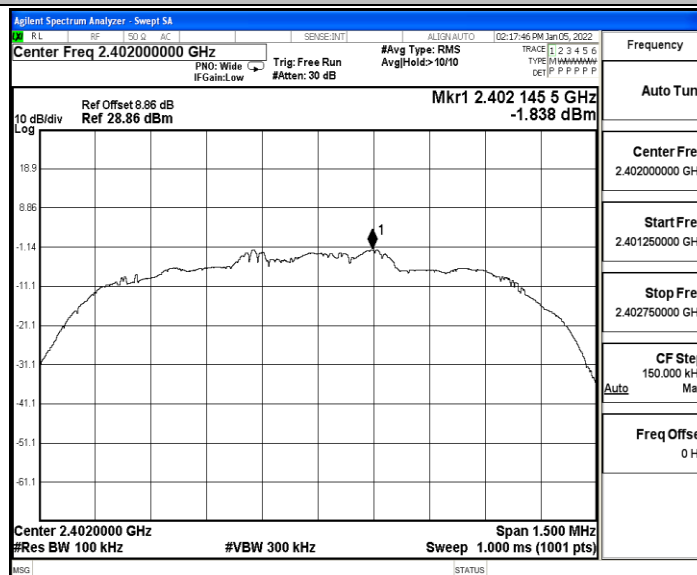
2DH5_Ant1_2480_30~1000



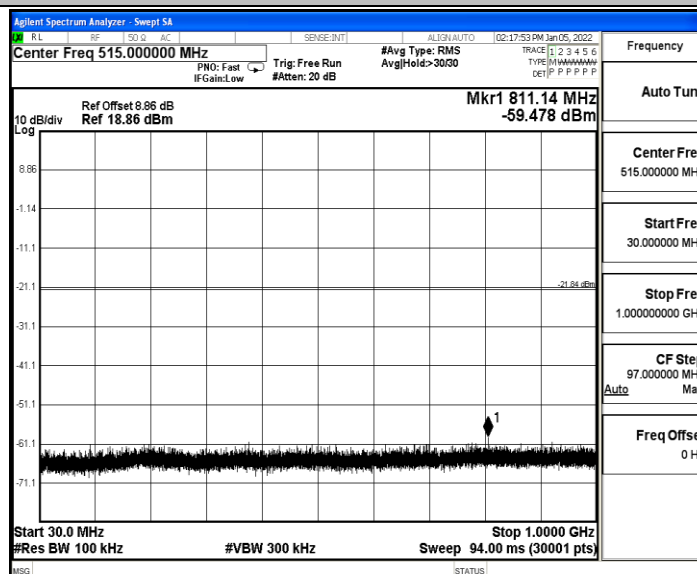
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

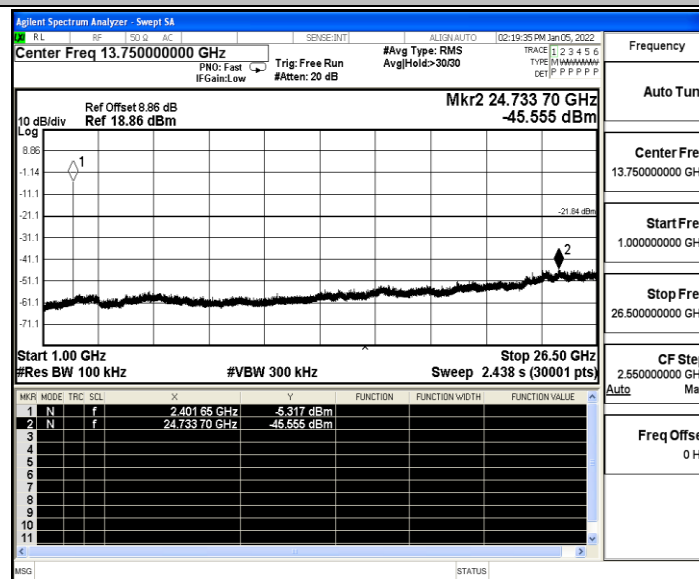


3DH5_Ant1_2402_30~1000

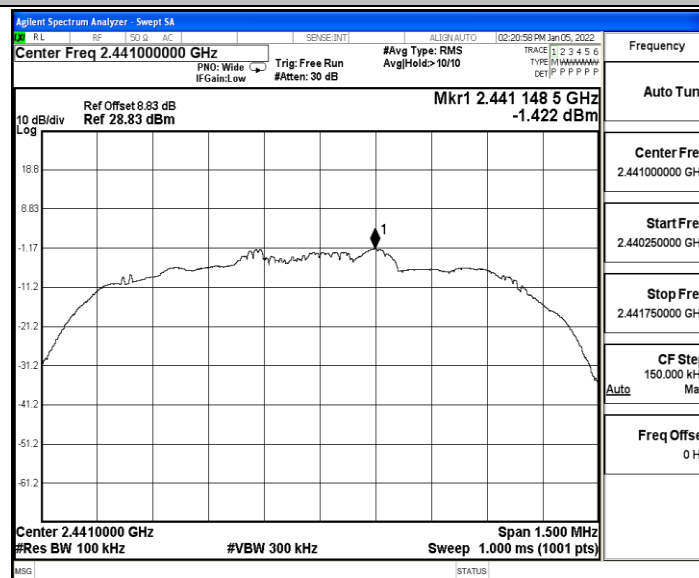




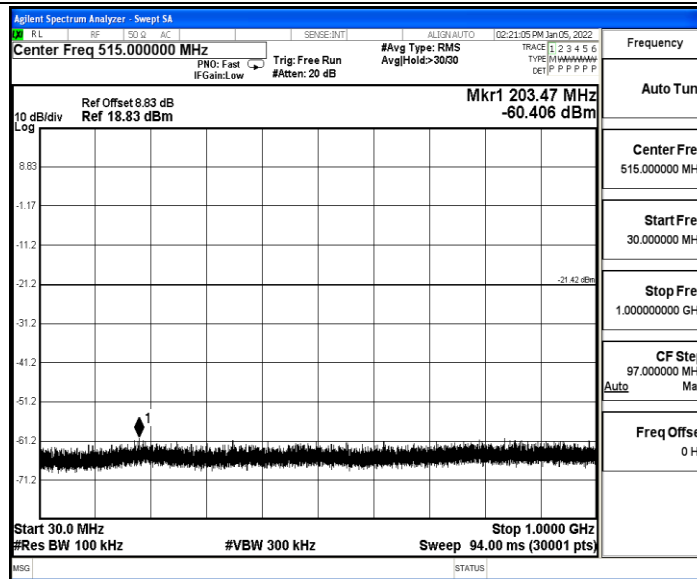
3DH5_Ant1_2402_1000~26500



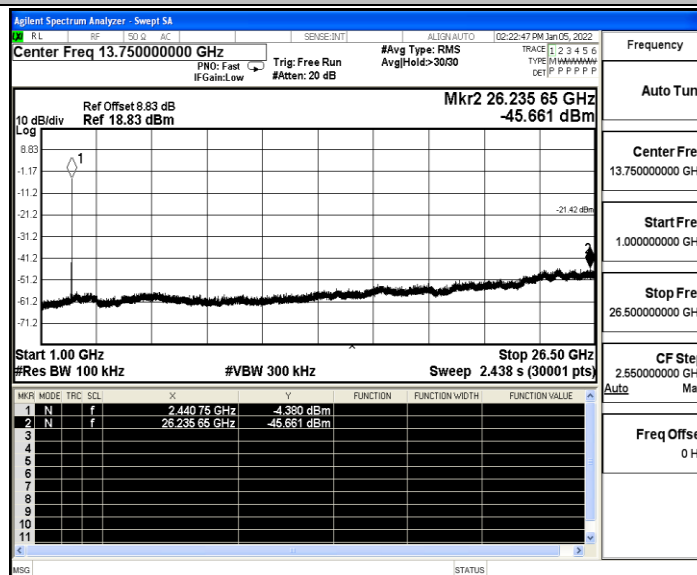
3DH5_Ant1_2441_0~Reference



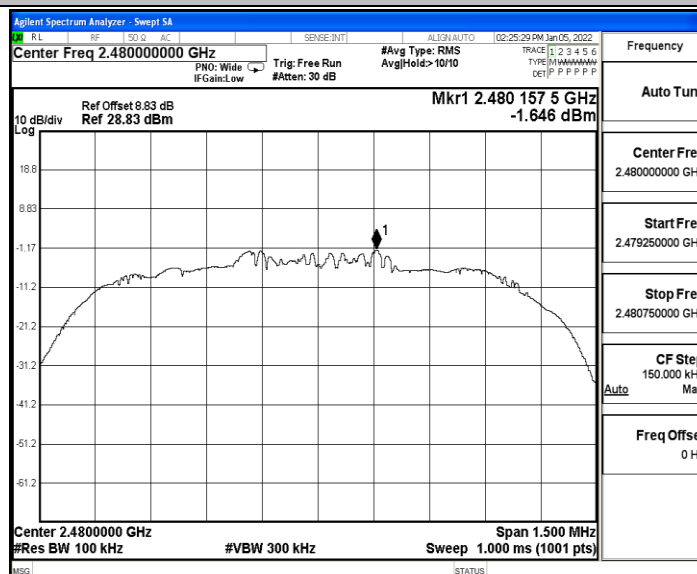
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

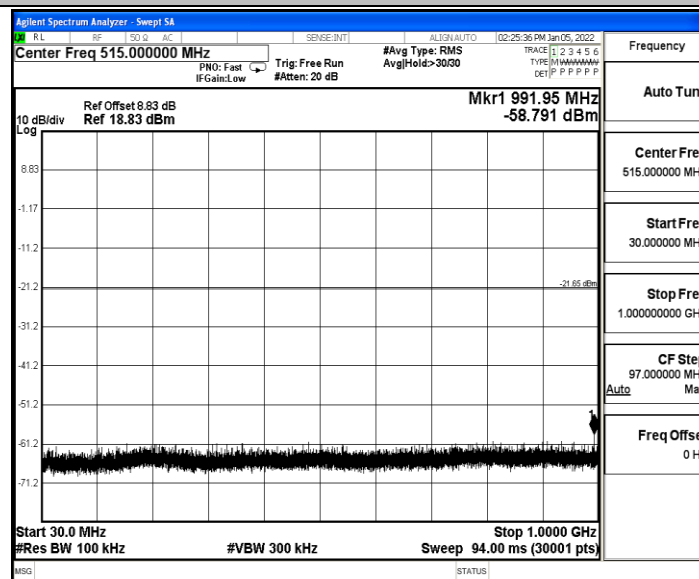


3DH5_Ant1_2480_0~Reference

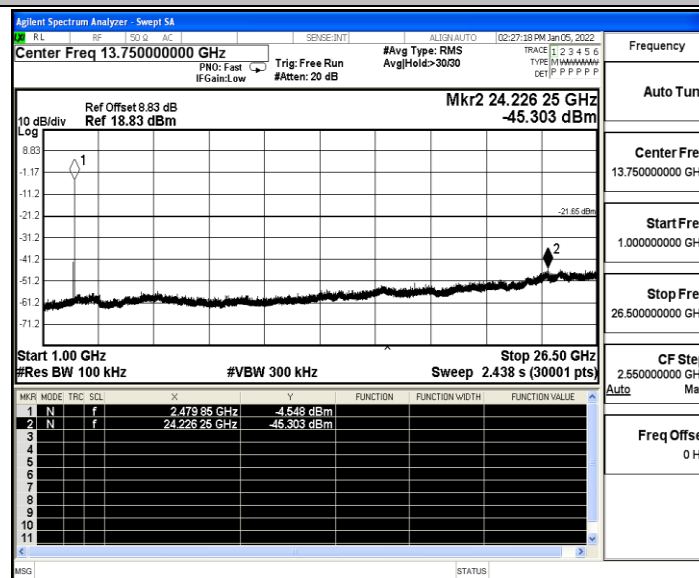




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.11	≤-41.20	47.09	≤54	PASS
				AV	2387.675	-47.55	≤-41.20	47.65	≤54	PASS
				AV	2390.000	-47.74	≤-41.20	47.46	≤54	PASS
				Peak	2310.000	-37.25	≤-21.20	57.95	≤74	PASS
				Peak	2350.715	-35.67	≤-21.20	59.53	≤74	PASS
				Peak	2390.000	-38.75	≤-21.20	56.45	≤74	PASS
		High	2480	AV	2483.500	-47.1	≤-41.20	48.10	≤54	PASS
				AV	2497.760	-46.98	≤-41.20	48.22	≤54	PASS
				AV	2500.000	-47.08	≤-41.20	48.12	≤54	PASS
				Peak	2483.500	-37.63	≤-21.20	57.57	≤74	PASS
				Peak	2485.600	-35.88	≤-21.20	59.32	≤74	PASS
				Peak	2500.000	-37.38	≤-21.20	57.82	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-39.39	≤-21.20	55.81	≤74	PASS
				Peak	2353.445	-36.95	≤-21.20	58.25	≤74	PASS
				Peak	2390.000	-39	≤-21.20	56.20	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-37.57	≤-21.20	57.63	≤74	PASS
				Peak	2484.800	-35.78	≤-21.20	59.42	≤74	PASS
				Peak	2500.000	-37.48	≤-21.20	57.72	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.02	≤-41.20	47.18	≤54	PASS
				AV	2386.310	-47.54	≤-41.20	47.66	≤54	PASS
				AV	2390.000	-47.7	≤-41.20	47.50	≤54	PASS
				Peak	2310.000	-39.01	≤-21.20	56.19	≤74	PASS
				Peak	2346.200	-35.65	≤-21.20	59.55	≤74	PASS
				Peak	2390.000	-38.37	≤-21.20	56.83	≤74	PASS
		High	2480	AV	2483.500	-47.09	≤-41.20	48.11	≤54	PASS
				AV	2491.680	-46.98	≤-41.20	48.22	≤54	PASS
				AV	2500.000	-47.09	≤-41.20	48.11	≤54	PASS
				Peak	2483.500	-37.51	≤-21.20	57.69	≤74	PASS
				Peak	2488.960	-35.56	≤-21.20	59.64	≤74	PASS
				Peak	2500.000	-37.49	≤-21.20	57.71	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-39.42	≤-21.20	55.78	≤74	PASS
				Peak	2318.585	-36.83	≤-21.20	58.37	≤74	PASS
				Peak	2390.000	-39.05	≤-21.20	56.15	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-38.19	≤-21.20	57.01	≤74	PASS
				Peak	2490.720	-35.79	≤-21.20	59.41	≤74	PASS
				Peak	2500.000	-37.07	≤-21.20	58.13	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.02	≤-41.20	47.18	≤54	PASS



				AV	2388.725	-47.5	≤-41.20	47.70	≤54	PASS
				AV	2390.000	-47.69	≤-41.20	47.51	≤54	PASS
				Peak	2310.000	-38.81	≤-21.20	56.39	≤74	PASS
				Peak	2337.170	-36.36	≤-21.20	58.84	≤74	PASS
				Peak	2390.000	-38.3	≤-21.20	56.90	≤74	PASS
		High	2480	AV	2483.500	-47.11	≤-41.20	48.09	≤54	PASS
				AV	2484.880	-46.9	≤-41.20	48.30	≤54	PASS
				AV	2500.000	-47.08	≤-41.20	48.12	≤54	PASS
				Peak	2483.500	-38.06	≤-21.20	57.14	≤74	PASS
				Peak	2492.720	-36.05	≤-21.20	59.15	≤74	PASS
				Peak	2500.000	-37.77	≤-21.20	57.43	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-38.7	≤-21.20	56.50	≤74	PASS
				Peak	2311.865	-36.52	≤-21.20	58.68	≤74	PASS
				Peak	2390.000	-38.6	≤-21.20	56.60	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-38.64	≤-21.20	56.56	≤74	PASS
				Peak	2488.720	-35.88	≤-21.20	59.32	≤74	PASS
				Peak	2500.000	-37.91	≤-21.20	57.29	≤74	PASS

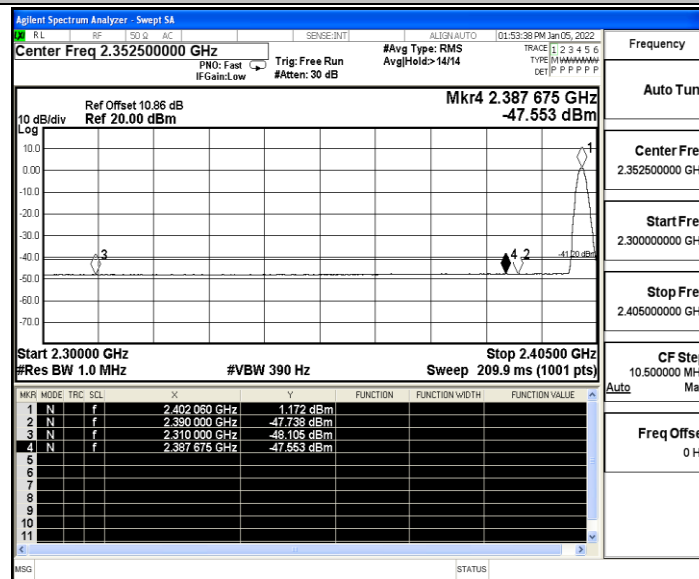
Note:

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.

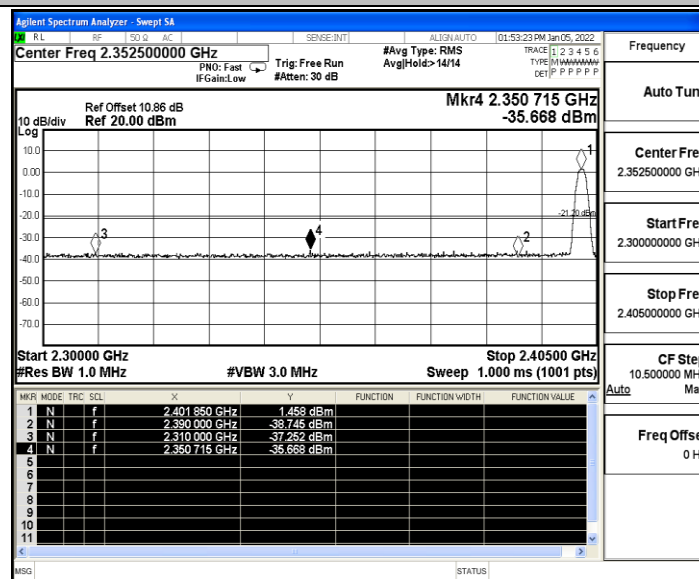


Test Graphs

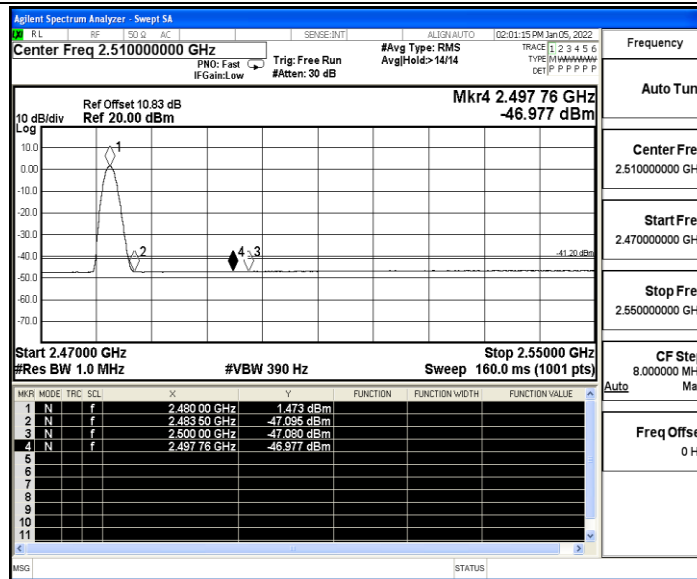
DH5_Ant1_Low_2402_AV



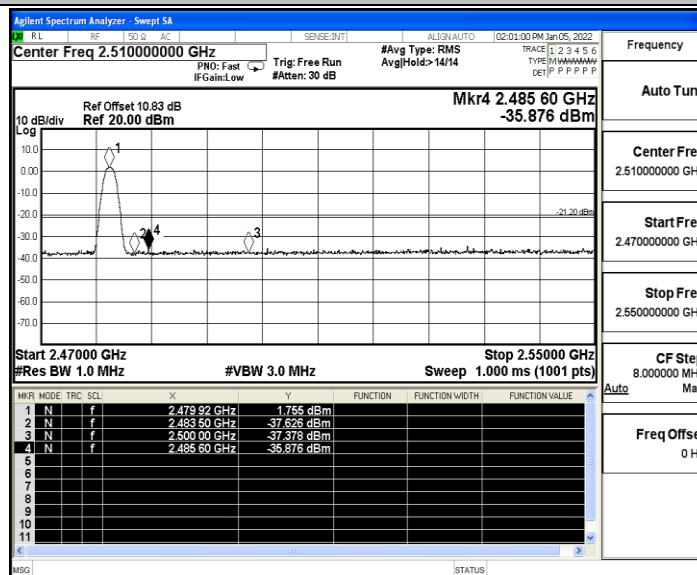
DH5_Ant1_Low_2402_Peak



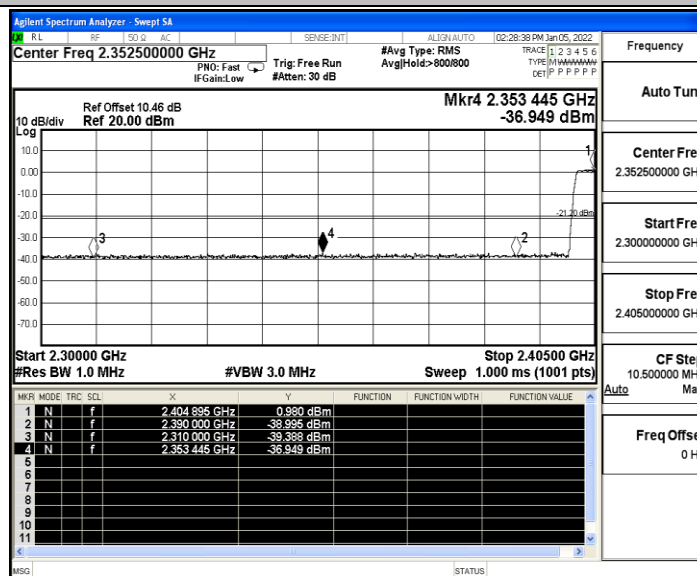
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

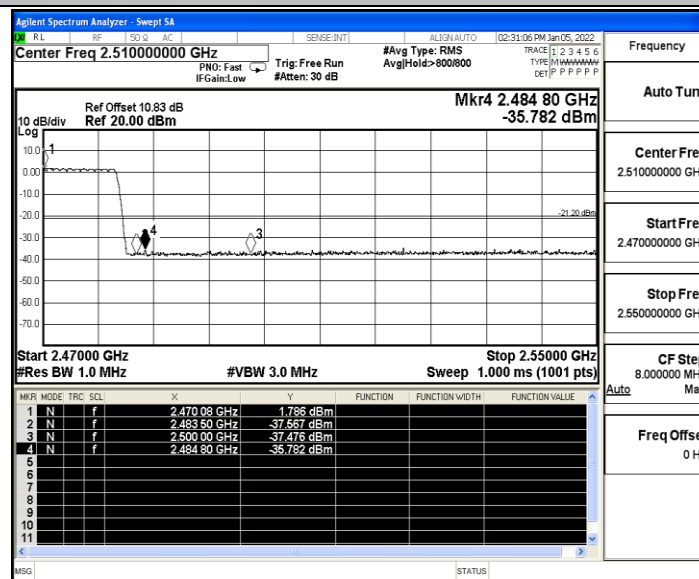


DH5_Ant1_Low_Hop_2402_Peak

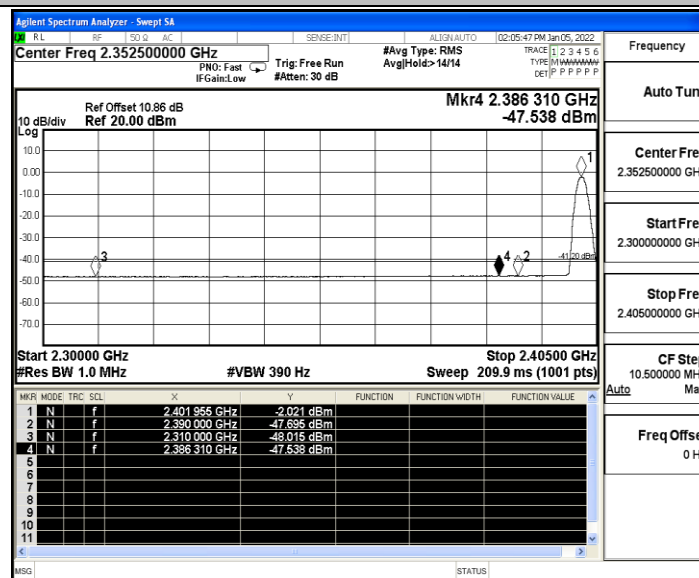




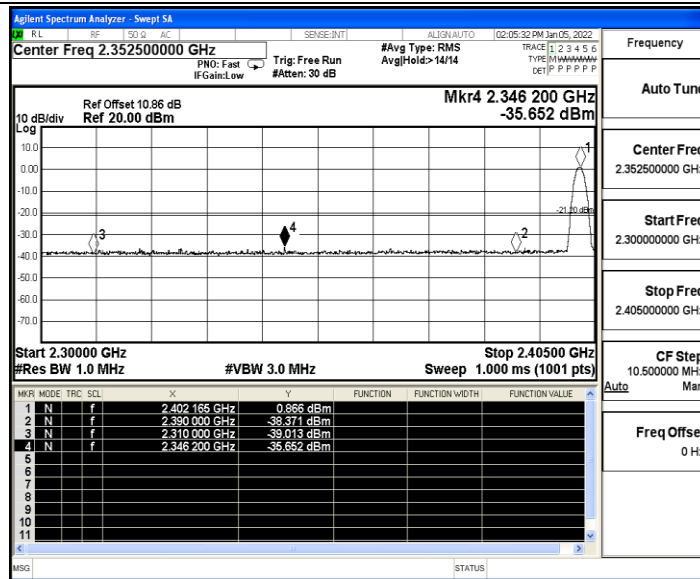
DH5_Ant1_High_Hop_2480_Peak



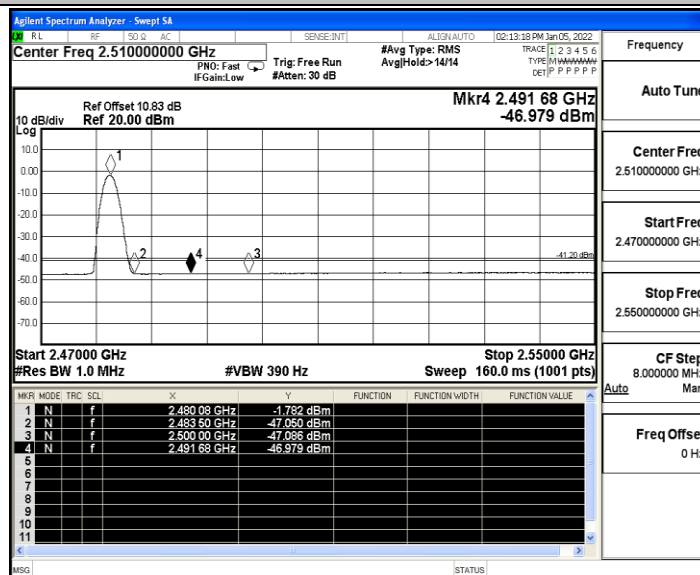
2DH5_Ant1_Low_2402_AV



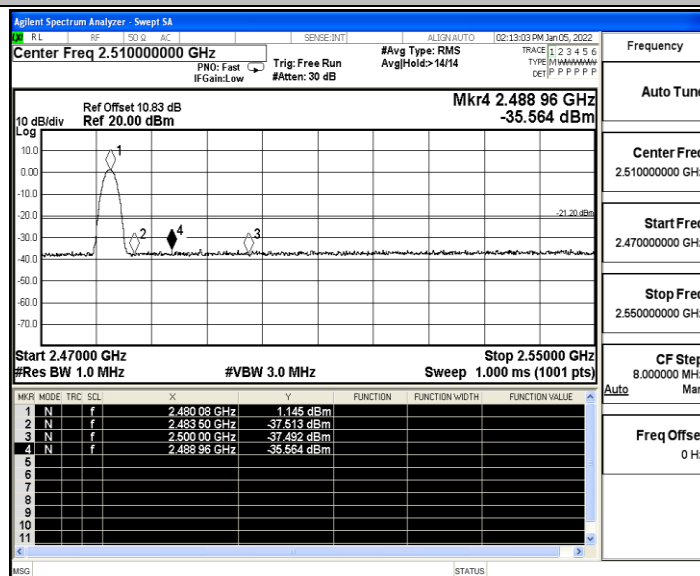
2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV

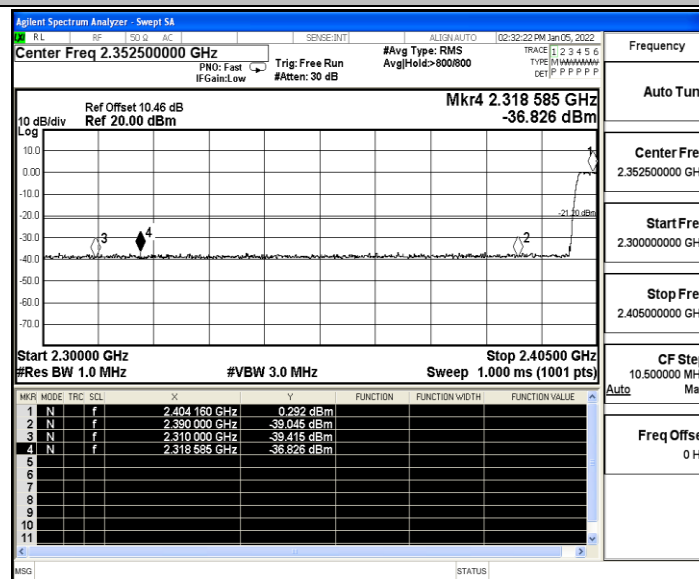


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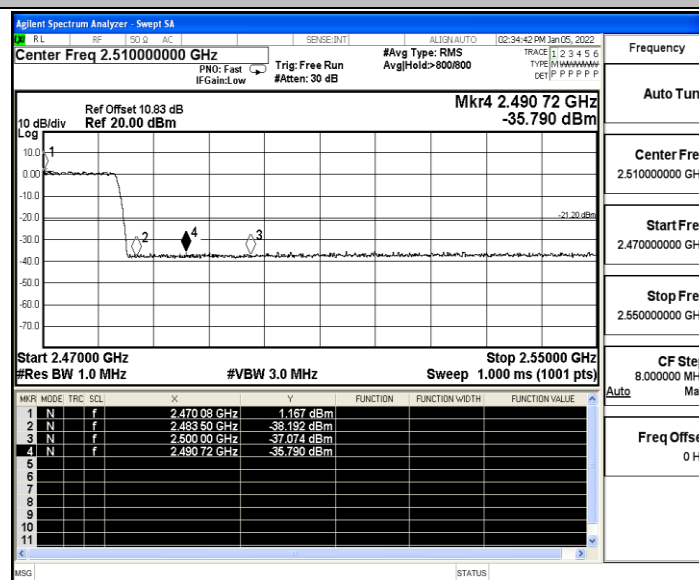




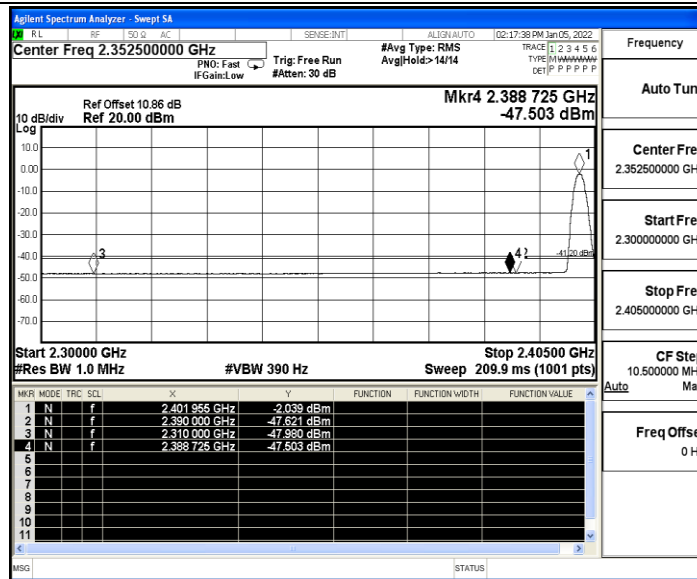
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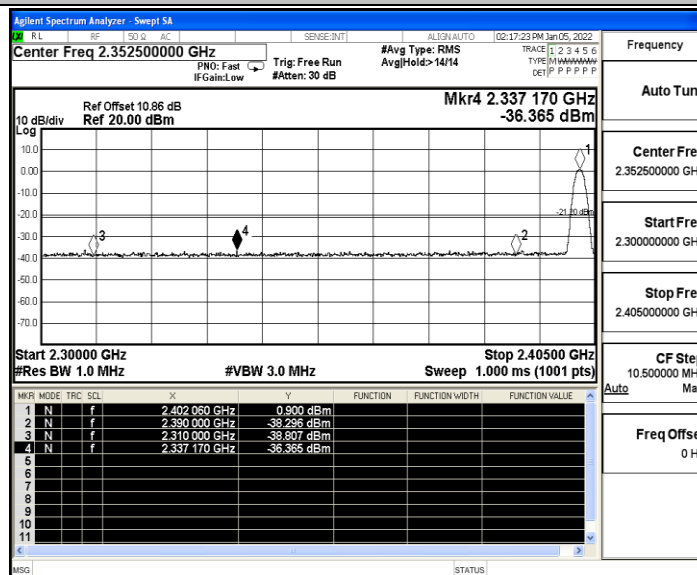
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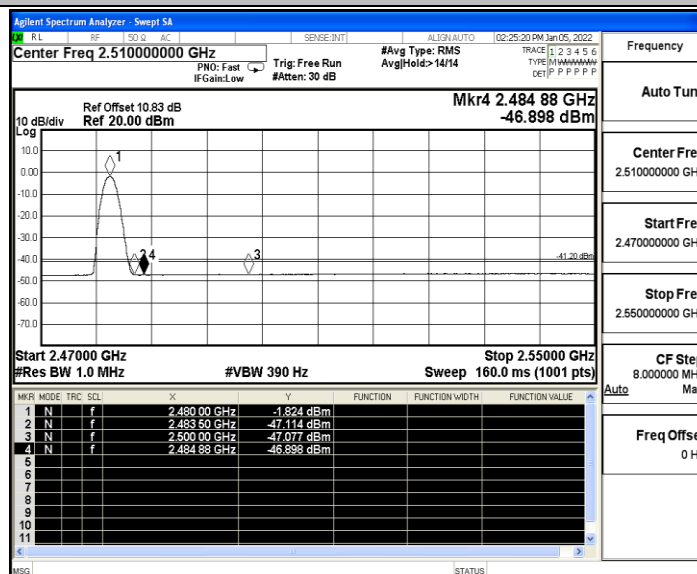
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak

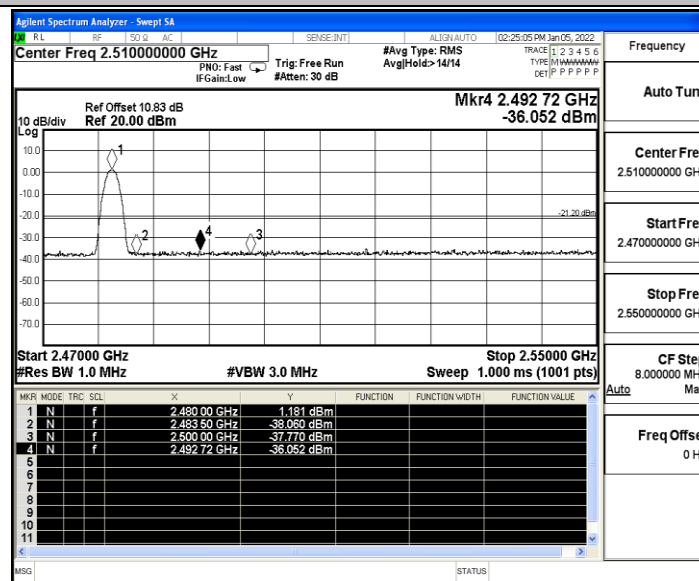


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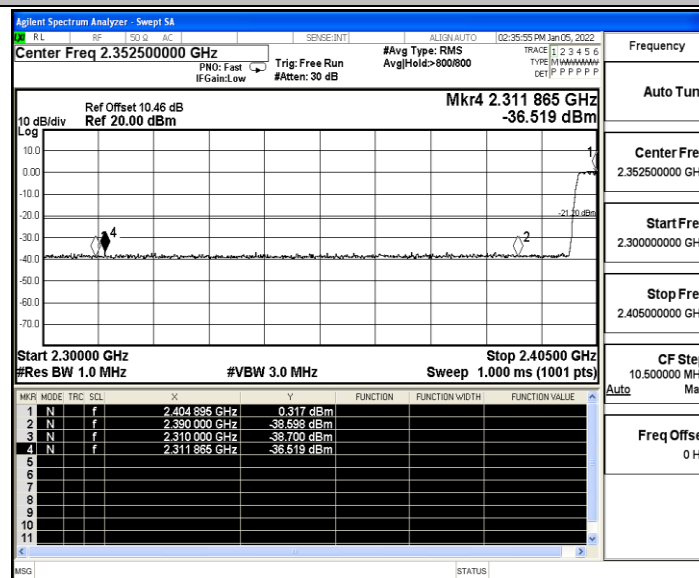




3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



3DH5_Ant1_High_Hop_2480_Peak

