



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet PC

Test Model: T10_Pro

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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Scan code to check authenticity



A.1 20dB Emission Bandwidth

Test Result

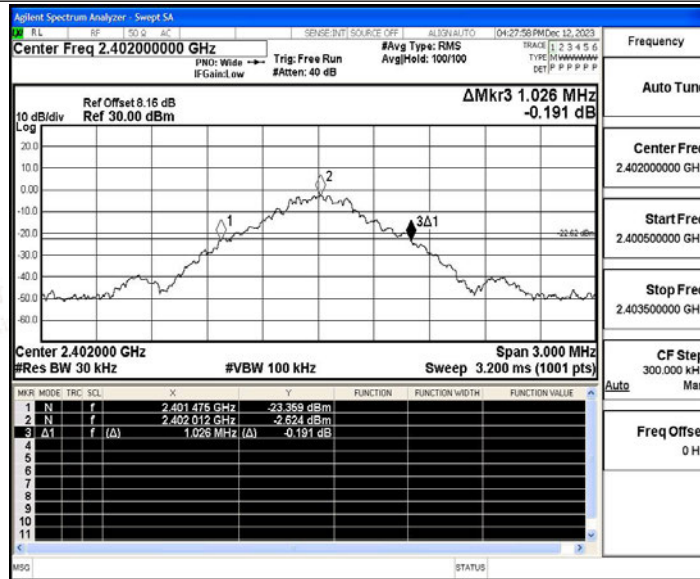
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	1.026	2401.475	2402.501	---
		2441	0.957	2440.526	2441.483	---
		2480	1.017	2479.469	2480.486	---
2DH5	Ant1	2402	1.275	2401.376	2402.651	---
		2441	1.284	2440.361	2441.645	---
		2480	1.317	2479.340	2480.657	---
3DH5	Ant1	2402	1.308	2401.340	2402.648	---
		2441	1.308	2440.337	2441.645	---
		2480	1.290	2479.340	2480.630	---



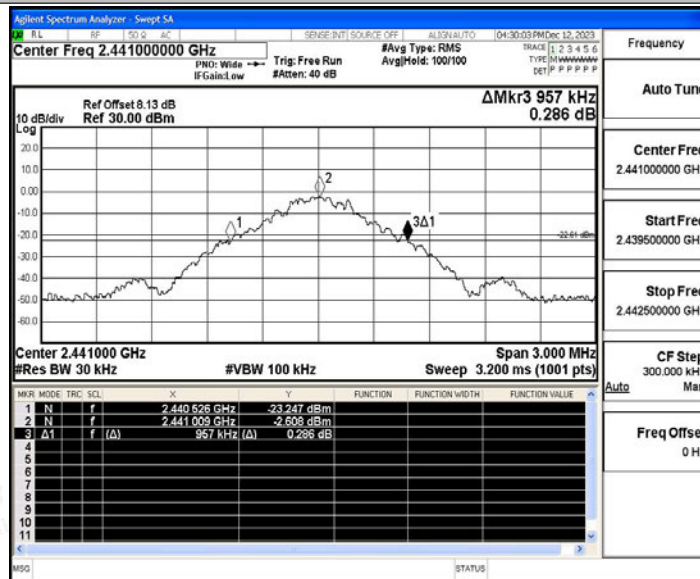


Test Graphs

DH5_Ant1_2402

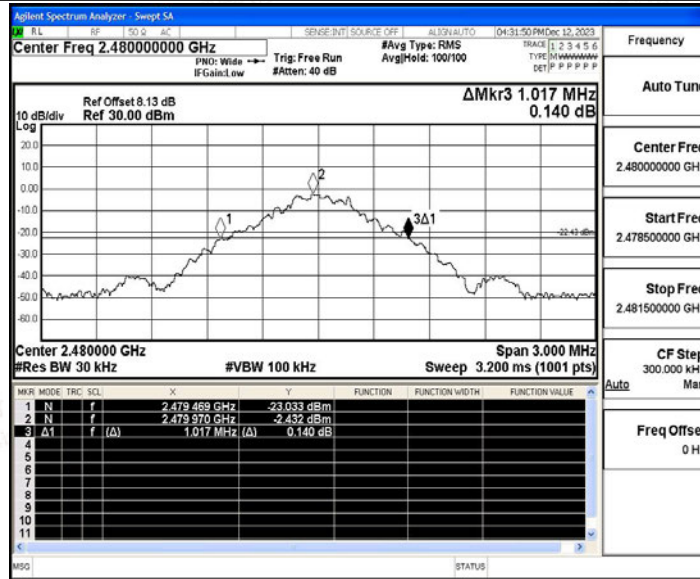


DH5_Ant1_2441

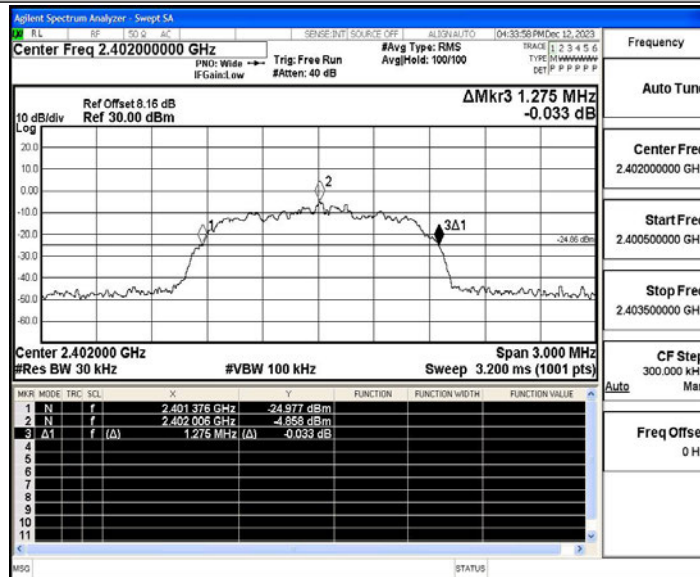


DH5_Ant1_2480



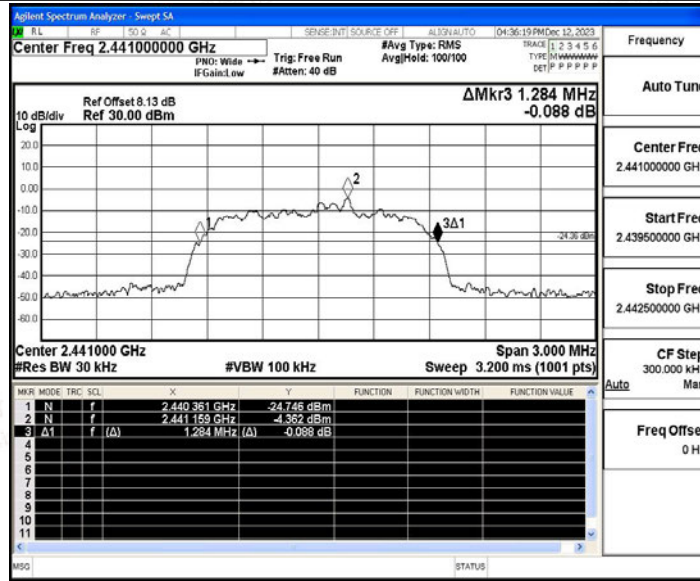


2DH5_Ant1_2402

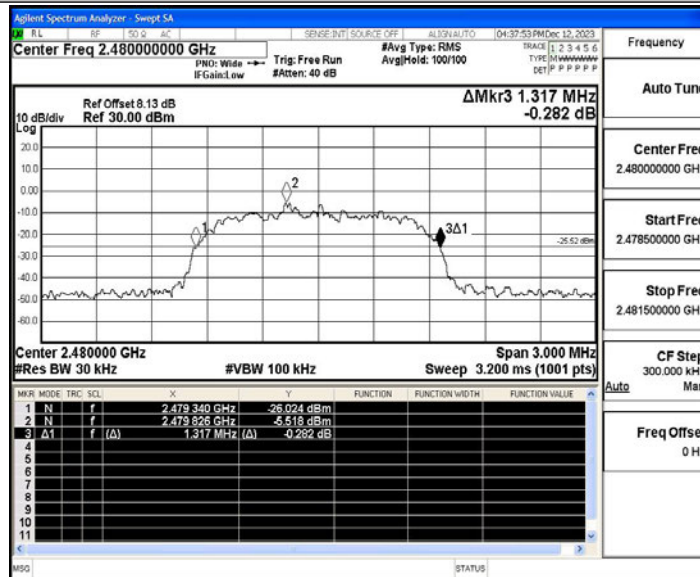


2DH5_Ant1_2441



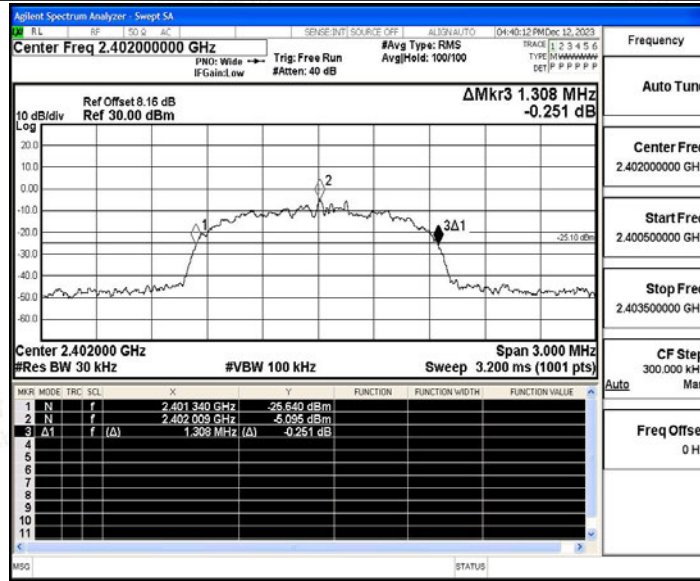


2DH5_Ant1_2480

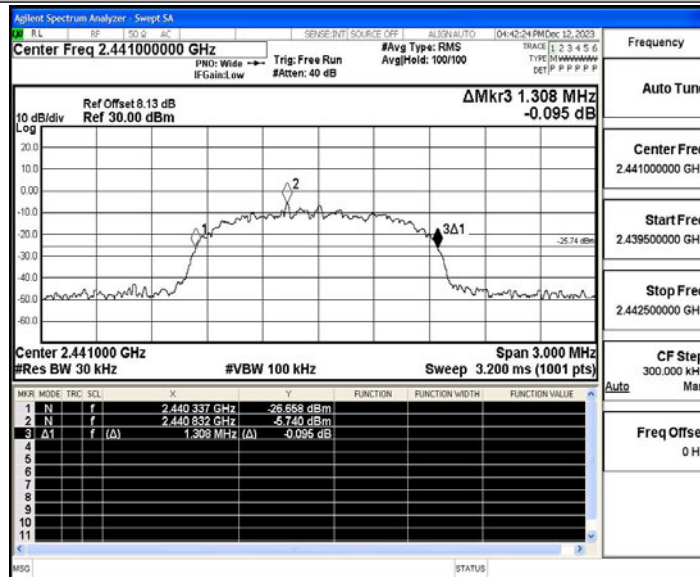


3DH5_Ant1_2402



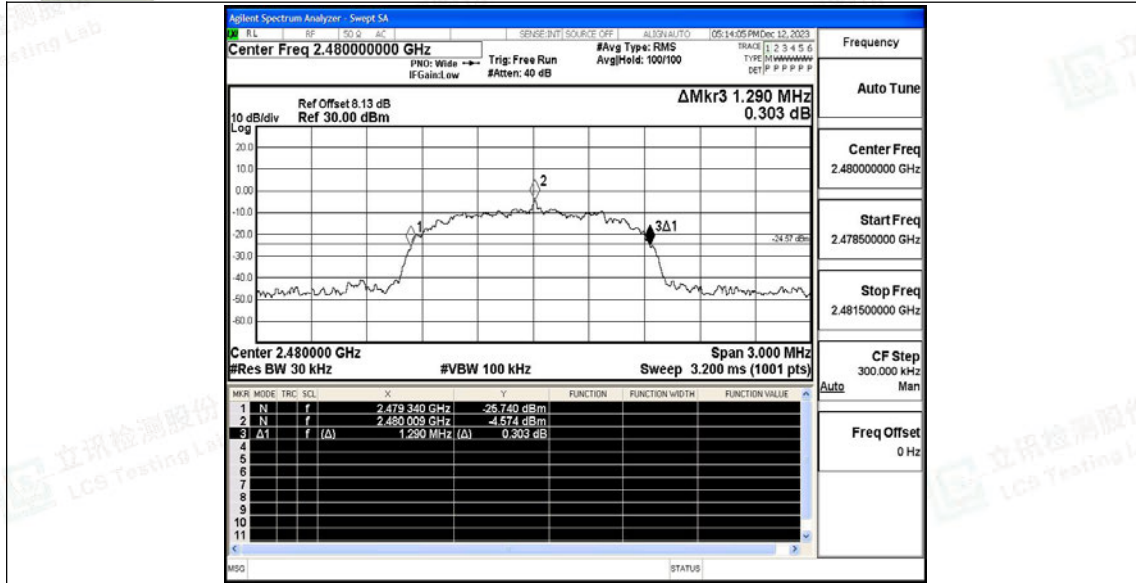


3DH5_Ant1_2441



3DH5_Ant1_2480







A.2 Maximum conducted output power

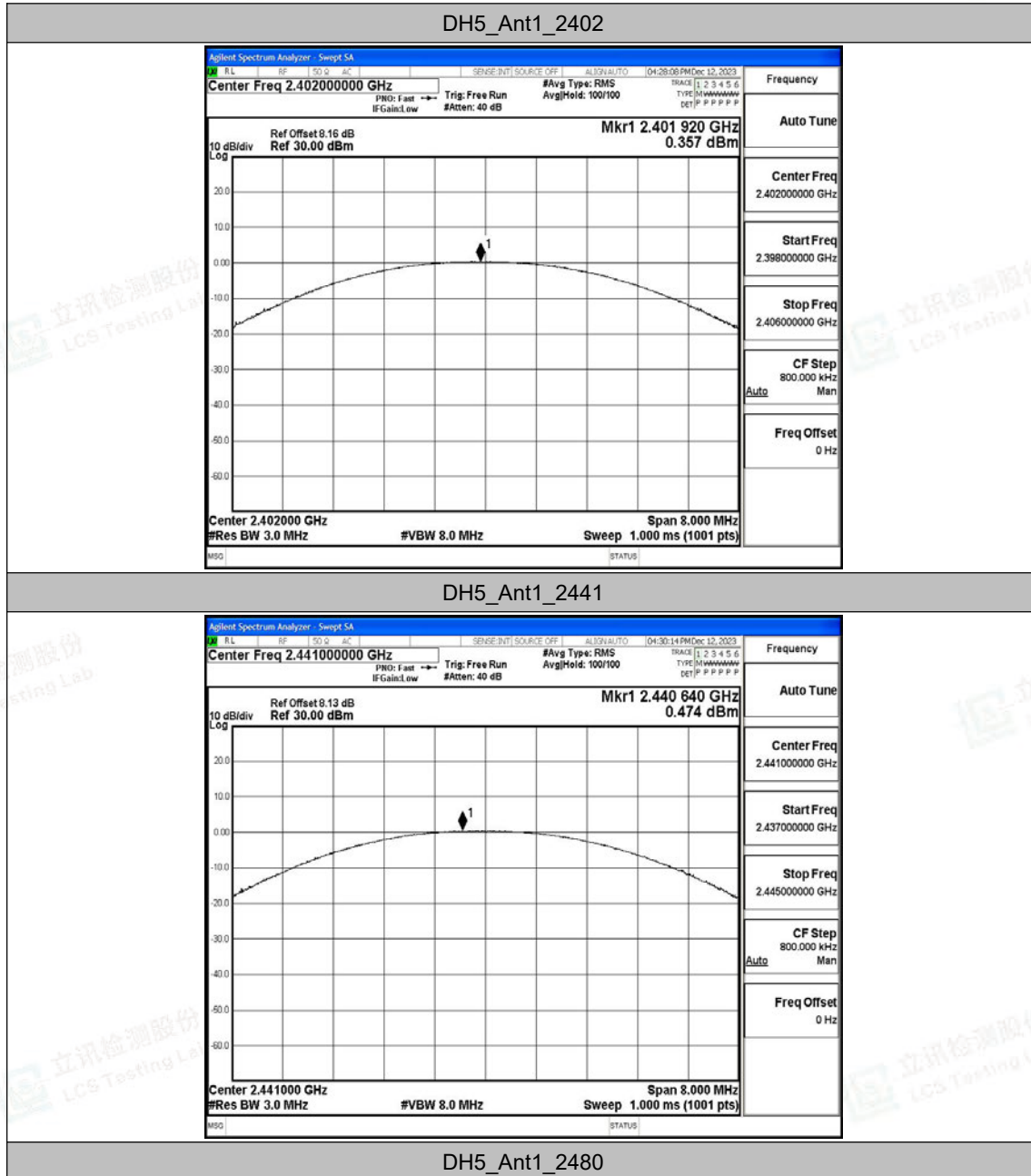
Test Result

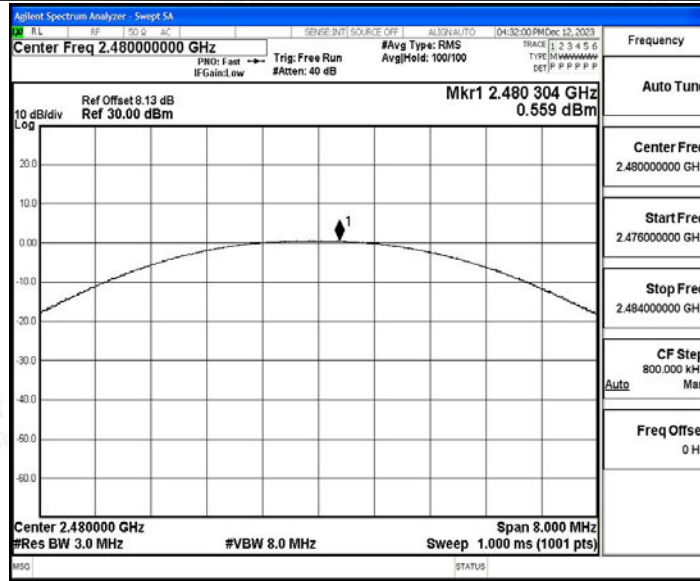
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.36	≤21	PASS
		2441	0.47	≤21	PASS
		2480	0.56	≤21	PASS
2DH5	Ant1	2402	-0.03	≤21	PASS
		2441	0.14	≤21	PASS
		2480	0.2	≤21	PASS
3DH5	Ant1	2402	0.02	≤21	PASS
		2441	0.16	≤21	PASS
		2480	0.41	≤21	PASS



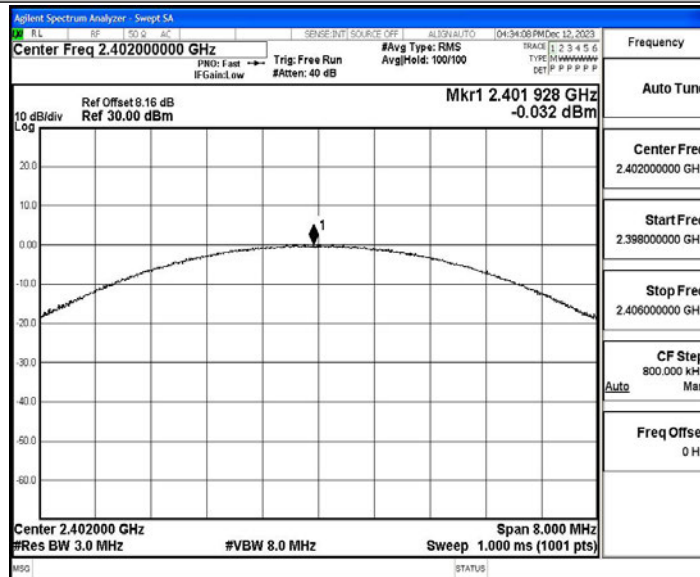


Test Graphs



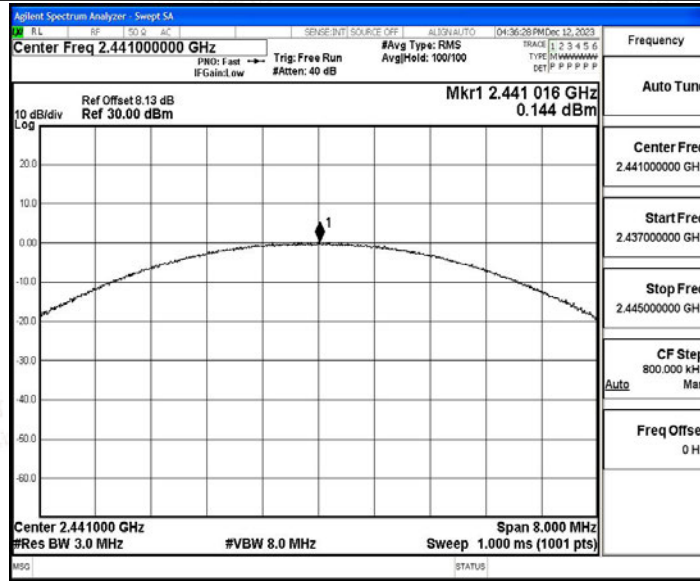


2DH5_Ant1_2402

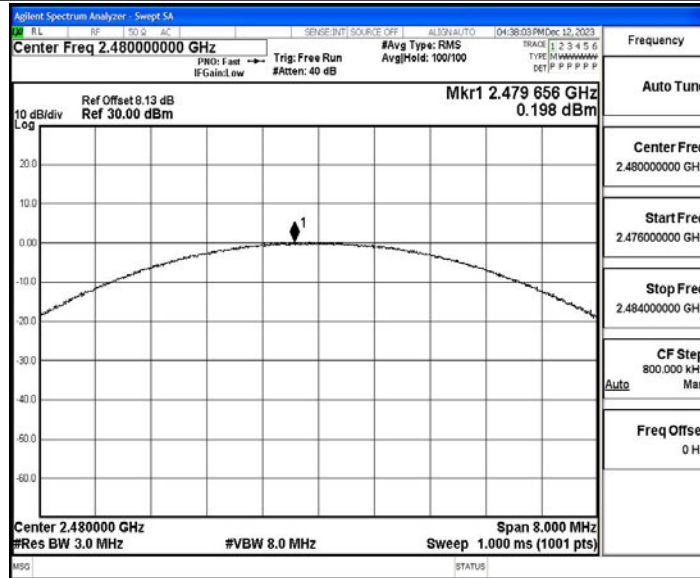


2DH5_Ant1_2441



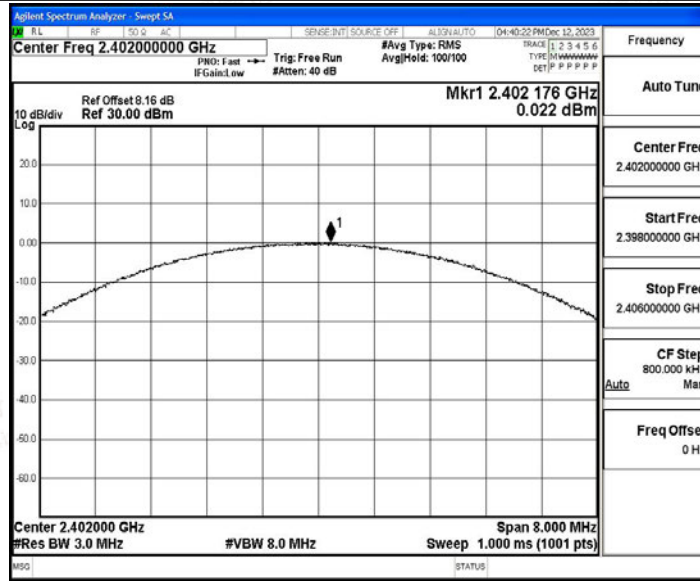


2DH5_Ant1_2480

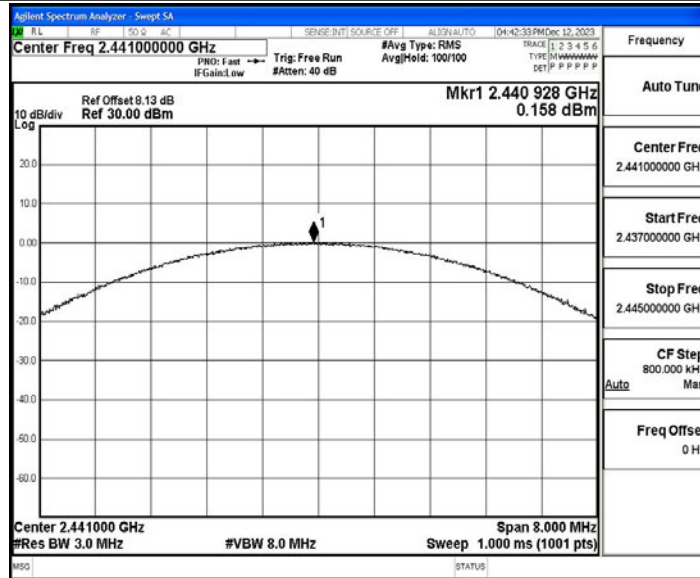


3DH5_Ant1_2402



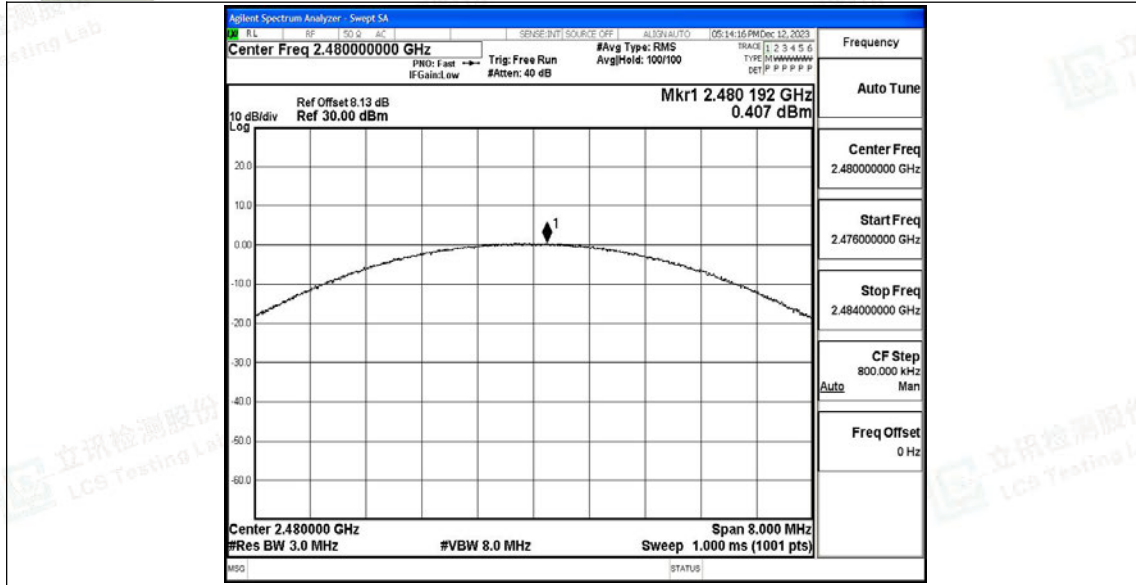


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

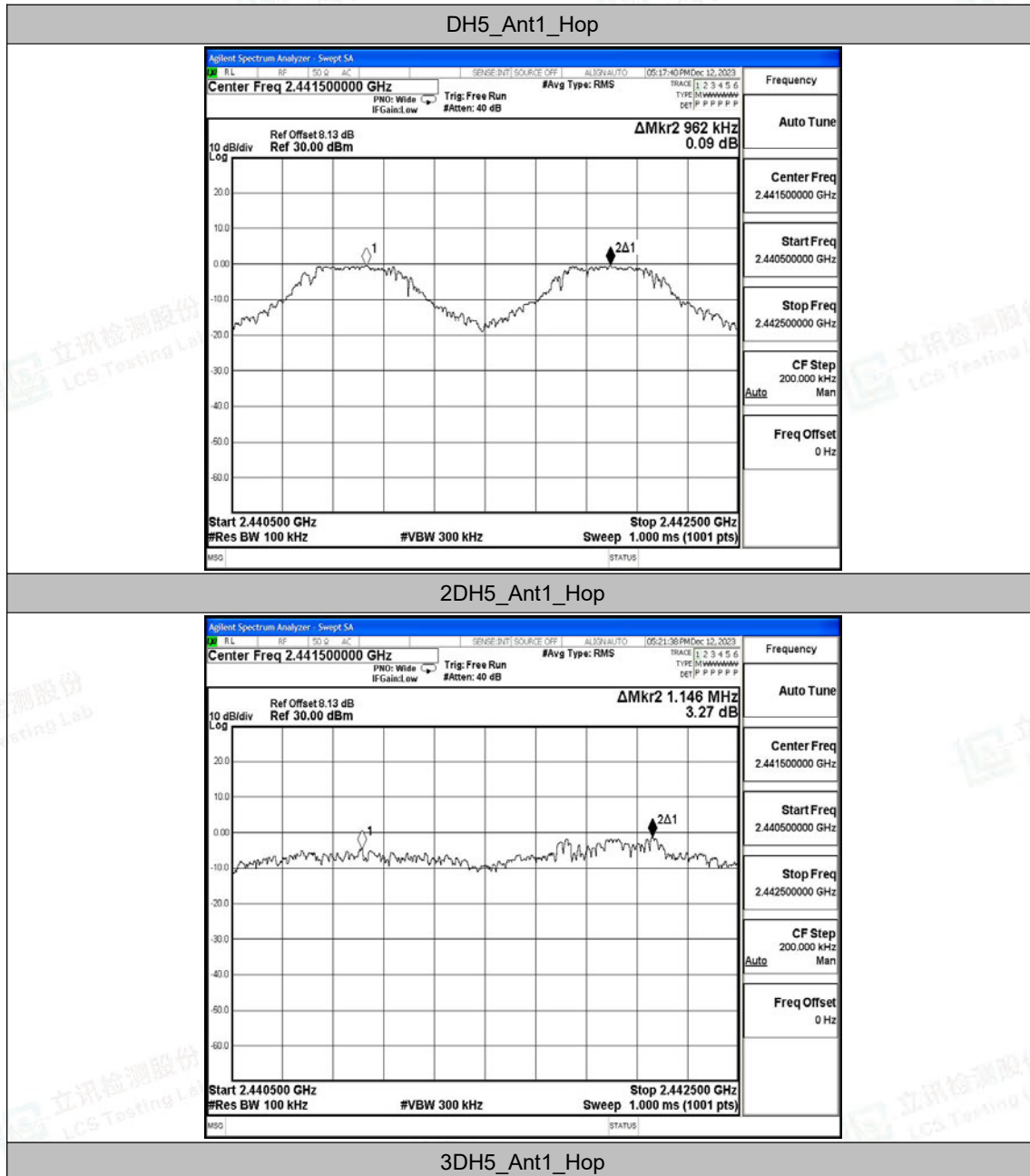
Test Result

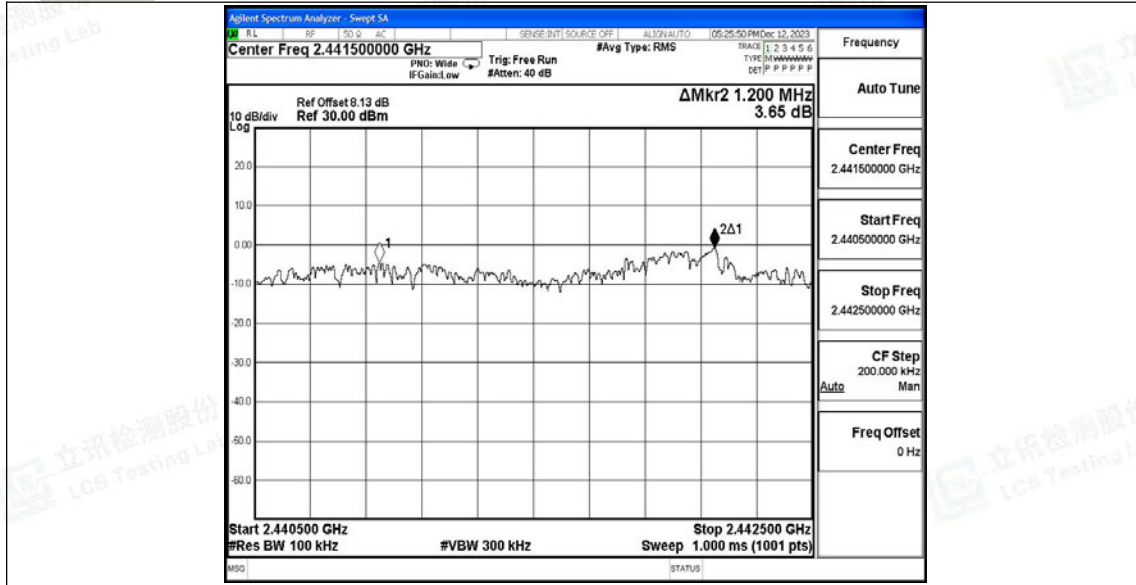
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.962	≥0.684	PASS
2DH5	Ant1	Hop	1.146	≥0.878	PASS
3DH5	Ant1	Hop	1.2	≥0.872	PASS





Test Graphs







A.4 Time of occupancy

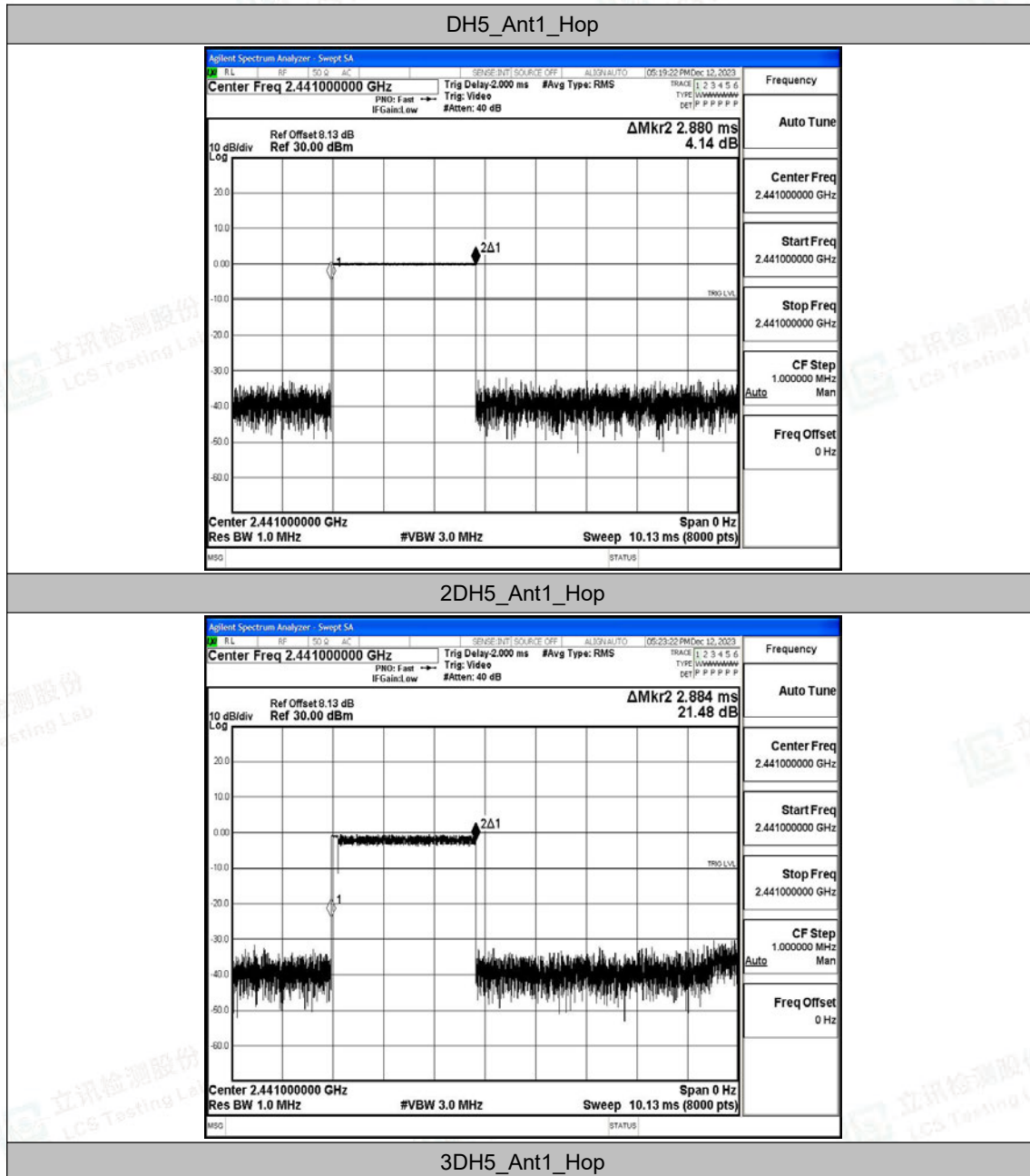
Test Result

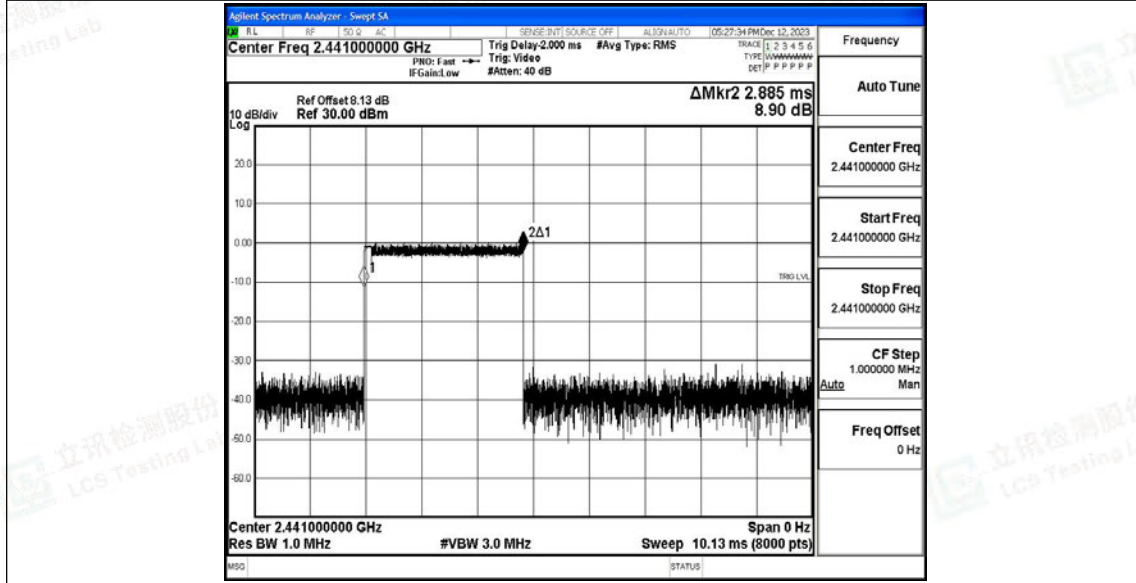
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

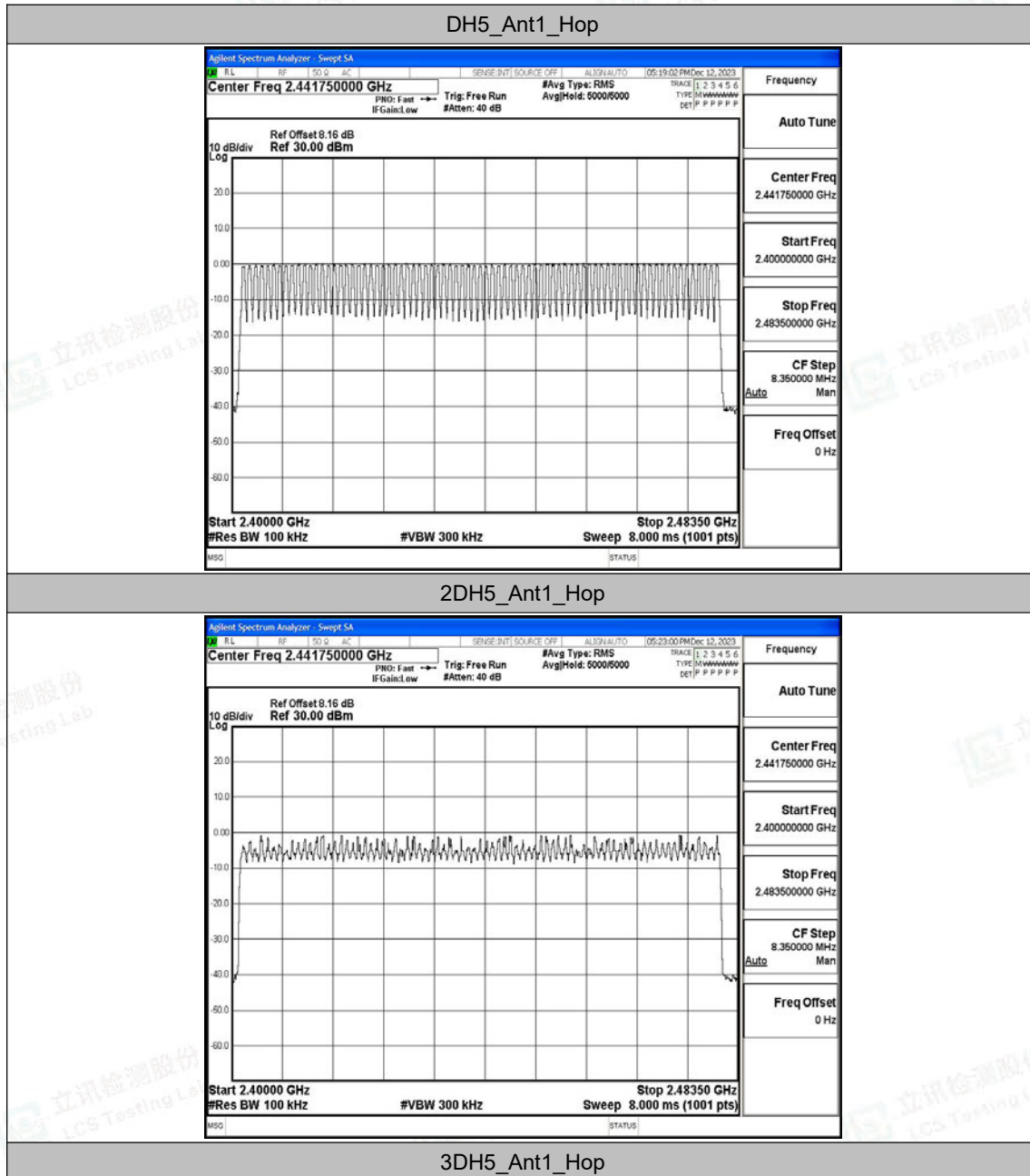
Test Result

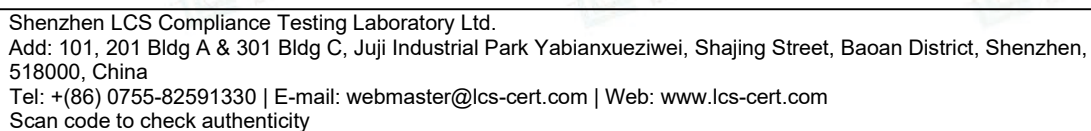
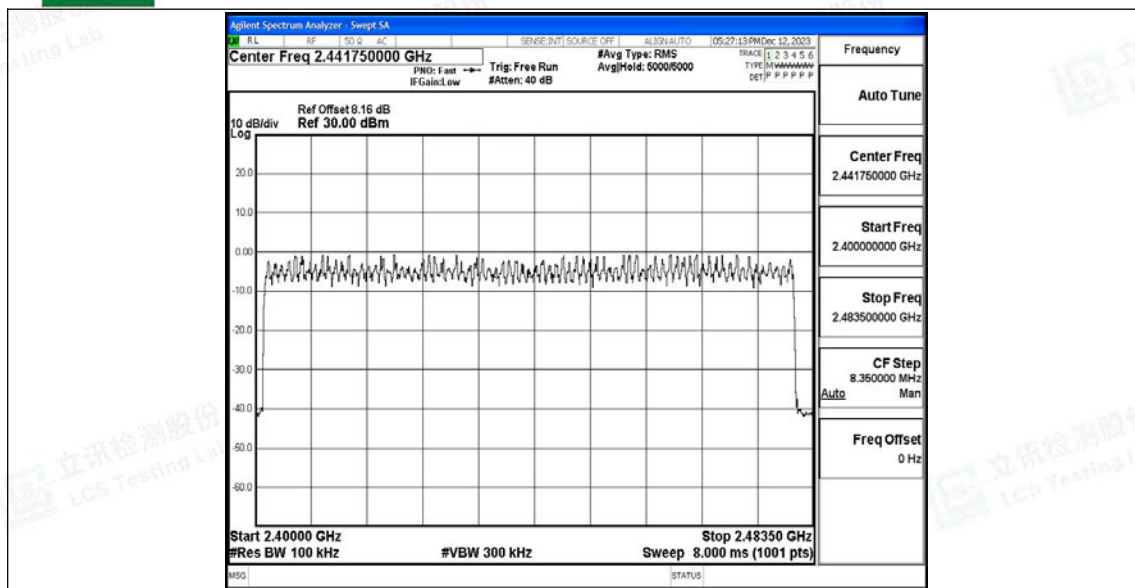
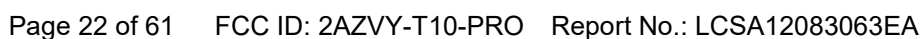
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

Test Result

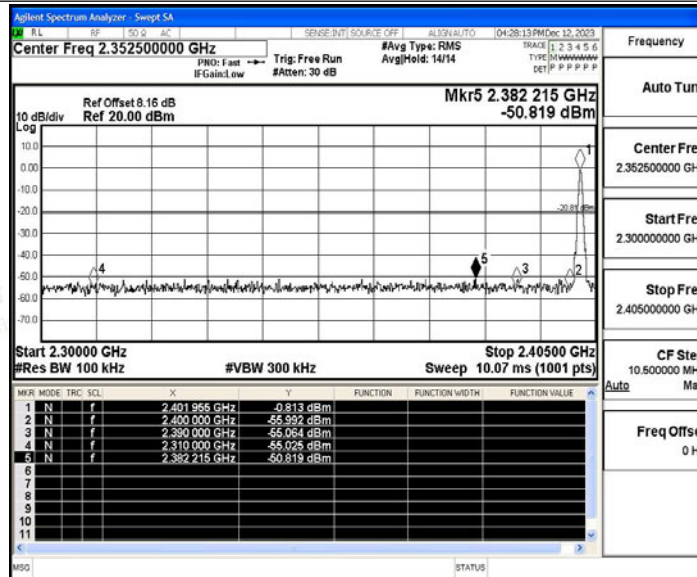
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.81	-50.82	≤-20.81	PASS
		High	2480	-0.17	-50.85	≤-20.17	PASS
		Low	Hop_2402	-0.87	-49.91	≤-20.87	PASS
		High	Hop_2480	0.13	-49.86	≤-19.87	PASS
2DH5	Ant1	Low	2402	-5.34	-50.56	≤-25.34	PASS
		High	2480	-5.08	-49.93	≤-25.08	PASS
		Low	Hop_2402	-5.41	-50.29	≤-25.41	PASS
		High	Hop_2480	-2.16	-49.04	≤-22.16	PASS
3DH5	Ant1	Low	2402	-1.47	-50.15	≤-21.47	PASS
		High	2480	-4.33	-51.36	≤-24.33	PASS
		Low	Hop_2402	-4.46	-49.62	≤-24.46	PASS
		High	Hop_2480	-0.67	-48.83	≤-20.67	PASS



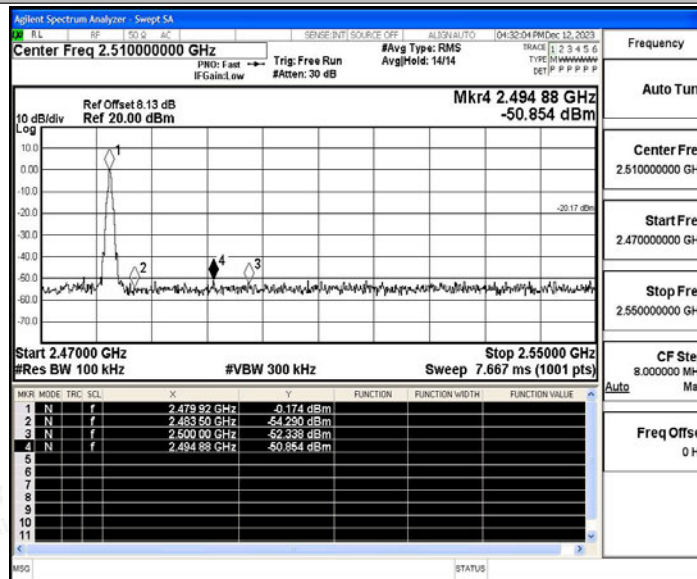


Test Graphs

DH5_Ant1_Low_2402

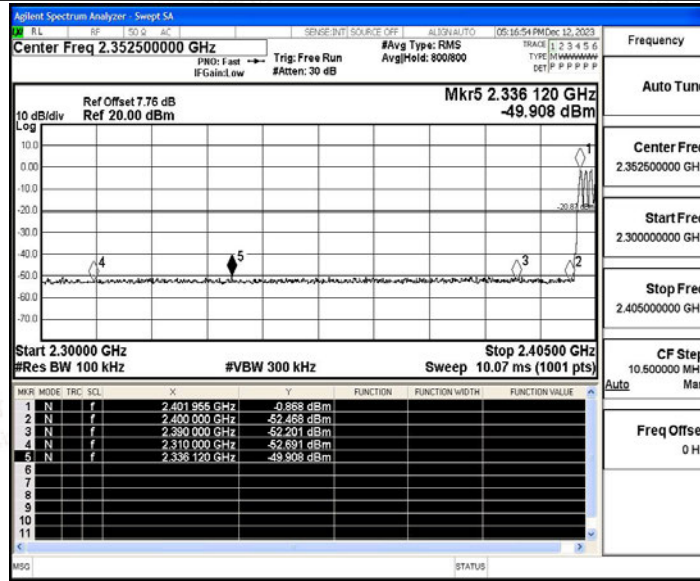


DH5_Ant1_High_2480

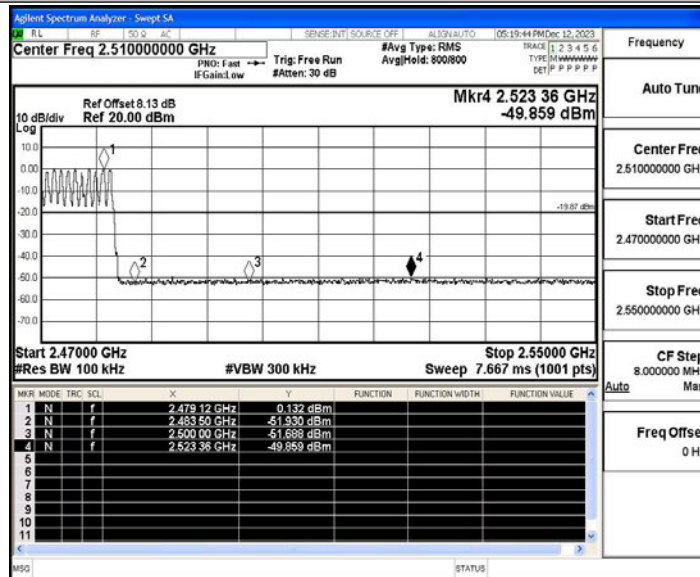


DH5_Ant1_Low_Hop_2402



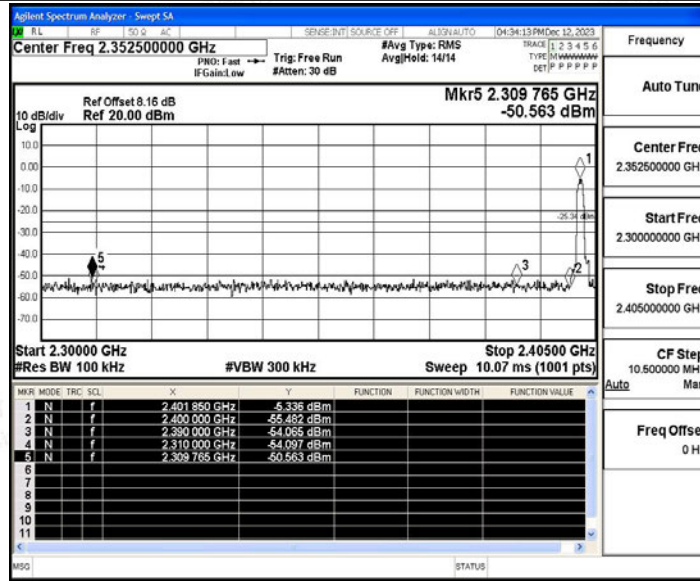


DH5_Ant1_High_Hop_2480

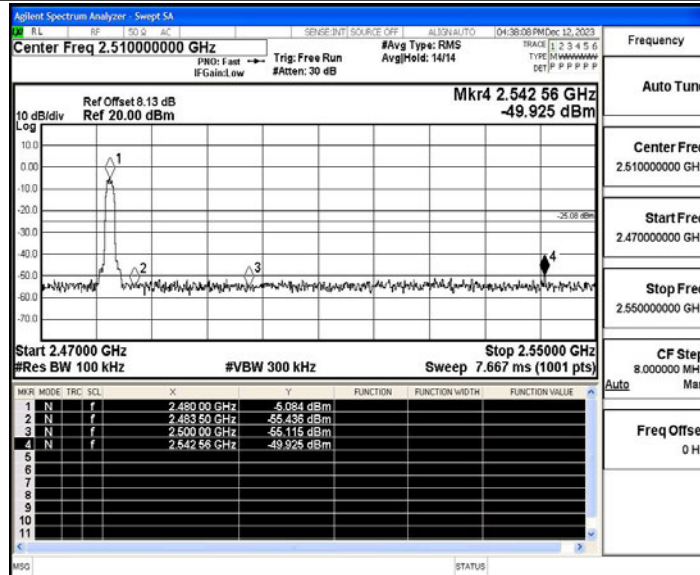


2DH5_Ant1_Low_2402



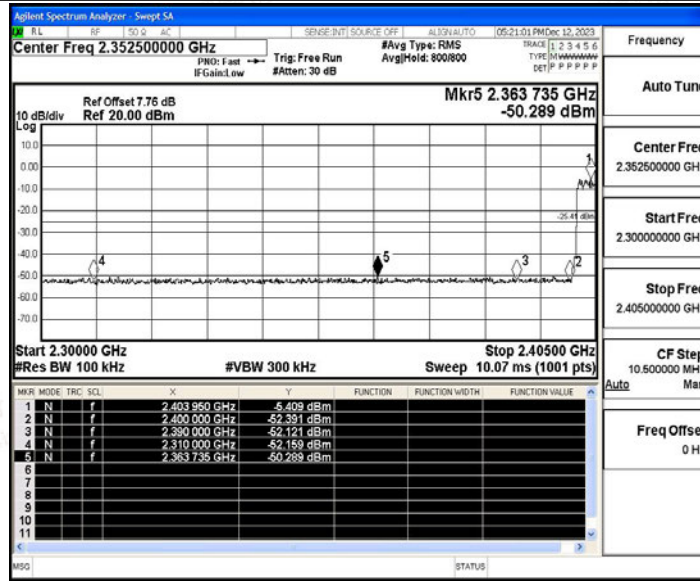


2DH5_Ant1_High_2480

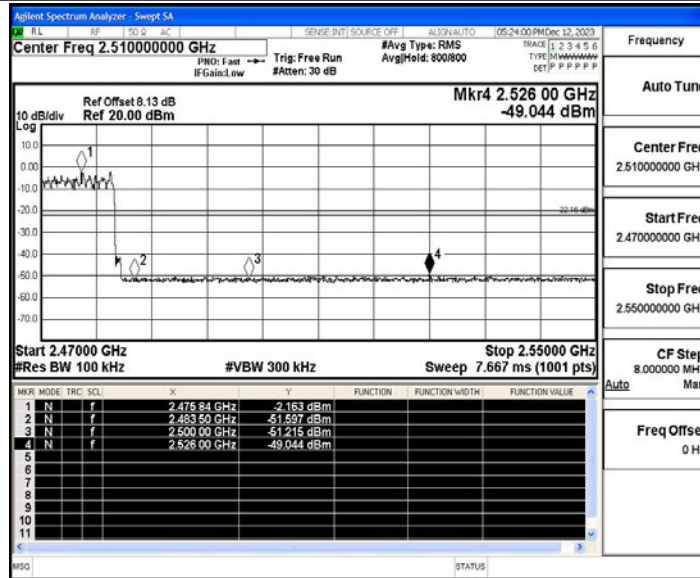


2DH5_Ant1_Low_Hop_2402



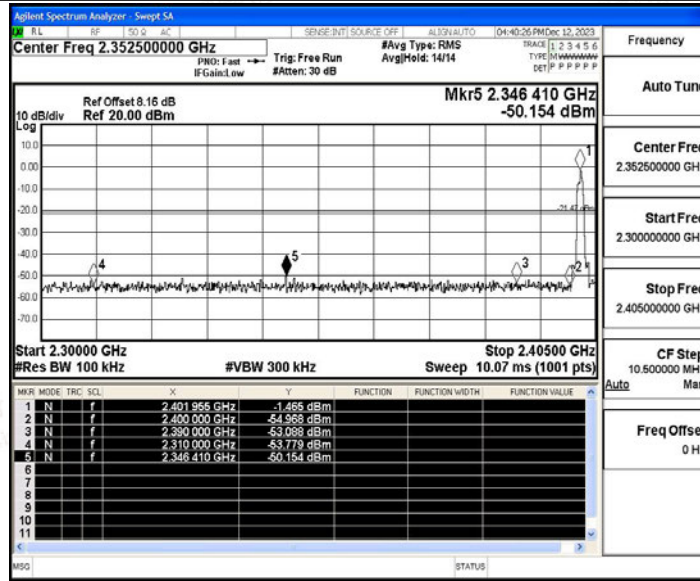


2DH5_Ant1_High_Hop_2480

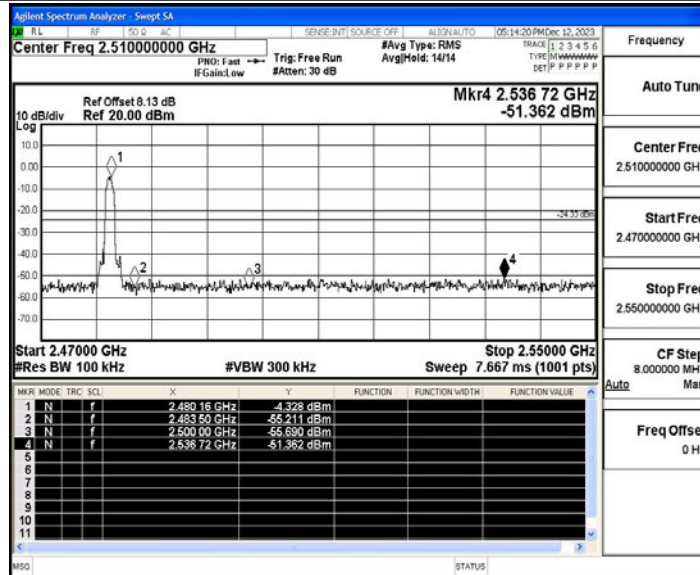


3DH5_Ant1_Low_2402



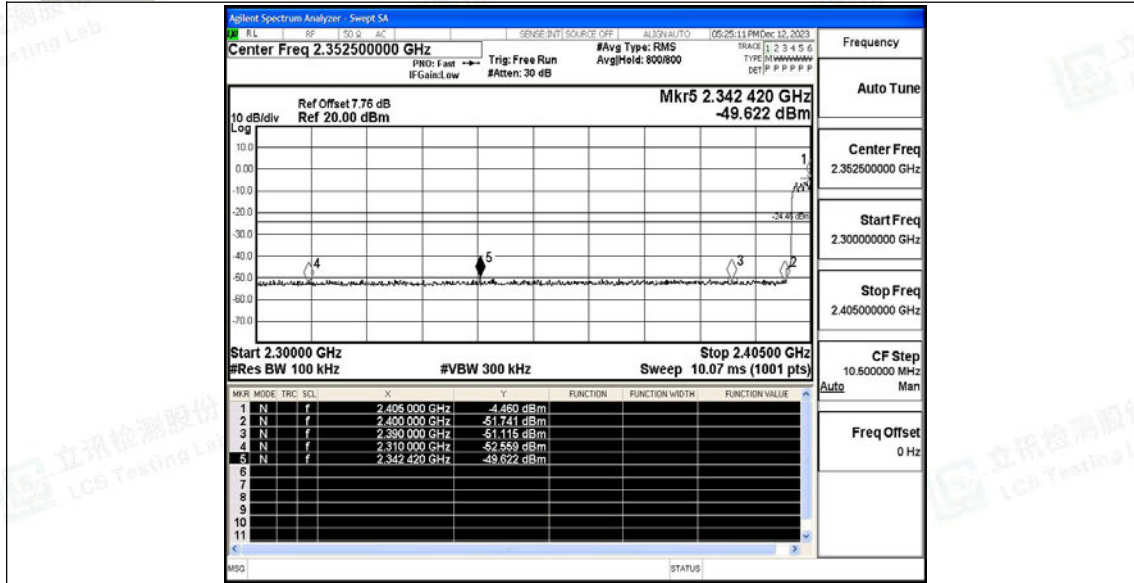


3DH5_Ant1_High_2480

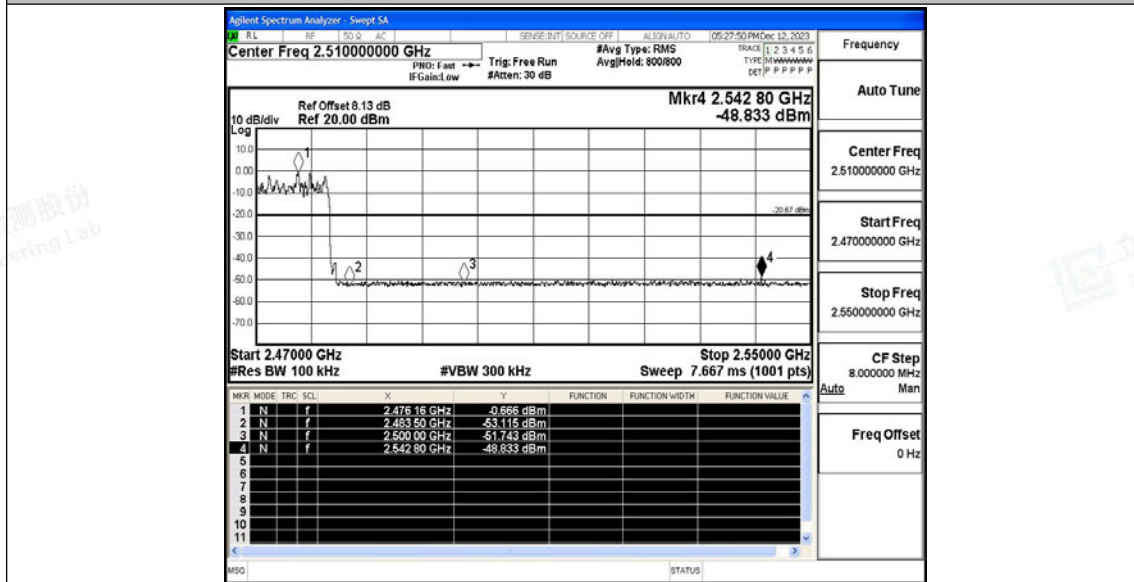


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

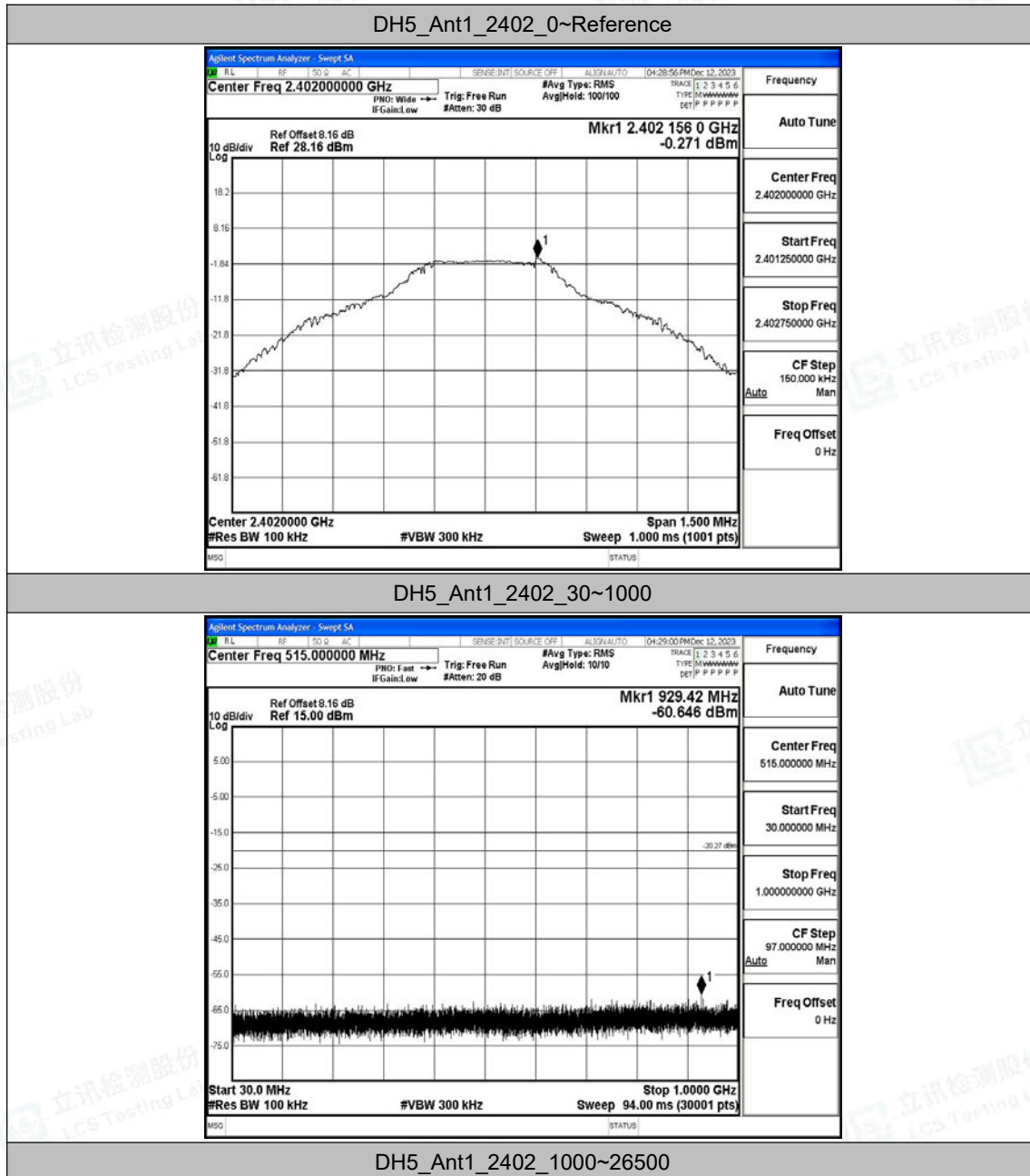
Test Result

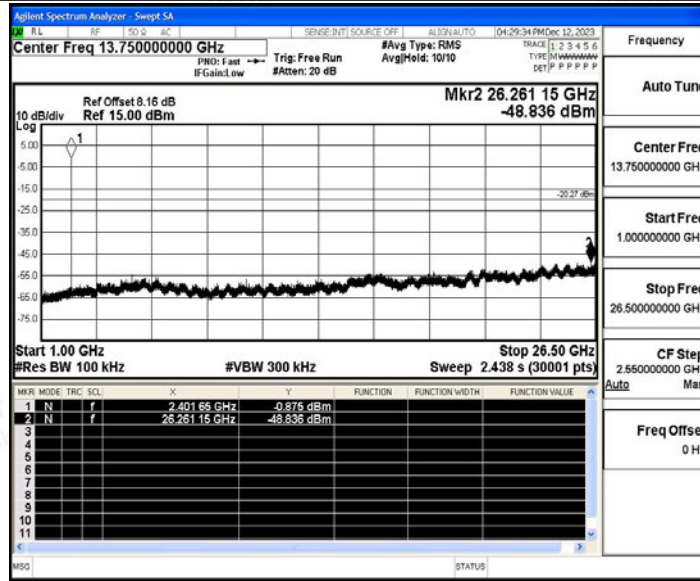
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.27	-0.27	---	PASS
			30~1000	-0.27	-60.65	≤-20.27	PASS
			1000~26500	-0.27	-48.84	≤-20.27	PASS
		2441	Reference	-0.43	-0.43	---	PASS
			30~1000	-0.43	-61.69	≤-20.43	PASS
			1000~26500	-0.43	-34.91	≤-20.43	PASS
		2480	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-62.48	≤-20.55	PASS
			1000~26500	-0.55	-48.72	≤-20.55	PASS
2DH5	Ant1	2402	Reference	-1.85	-1.85	---	PASS
			30~1000	-1.85	-62.25	≤-21.85	PASS
			1000~26500	-1.85	-49.03	≤-21.85	PASS
		2441	Reference	-2.08	-2.08	---	PASS
			30~1000	-2.08	-62	≤-22.08	PASS
			1000~26500	-2.08	-49.3	≤-22.08	PASS
		2480	Reference	-1.28	-1.28	---	PASS
			30~1000	-1.28	-61.55	≤-21.28	PASS
			1000~26500	-1.28	-48.41	≤-21.28	PASS
3DH5	Ant1	2402	Reference	-1.55	-1.55	---	PASS
			30~1000	-1.55	-61.26	≤-21.55	PASS
			1000~26500	-1.55	-34.58	≤-21.55	PASS
		2441	Reference	-1.35	-1.35	---	PASS
			30~1000	-1.35	-61.58	≤-21.35	PASS
			1000~26500	-1.35	-48.56	≤-21.35	PASS
		2480	Reference	-0.98	-0.98	---	PASS
			30~1000	-0.98	-60.8	≤-20.98	PASS
			1000~26500	-0.98	-49.42	≤-20.98	PASS



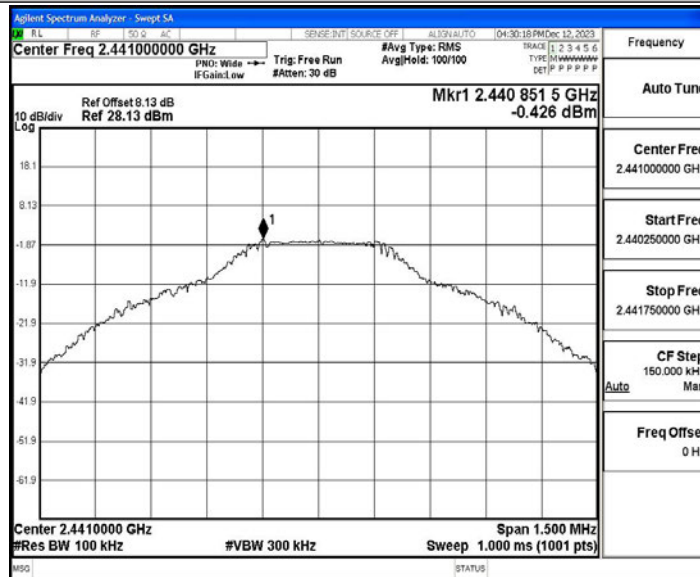


Test Graphs



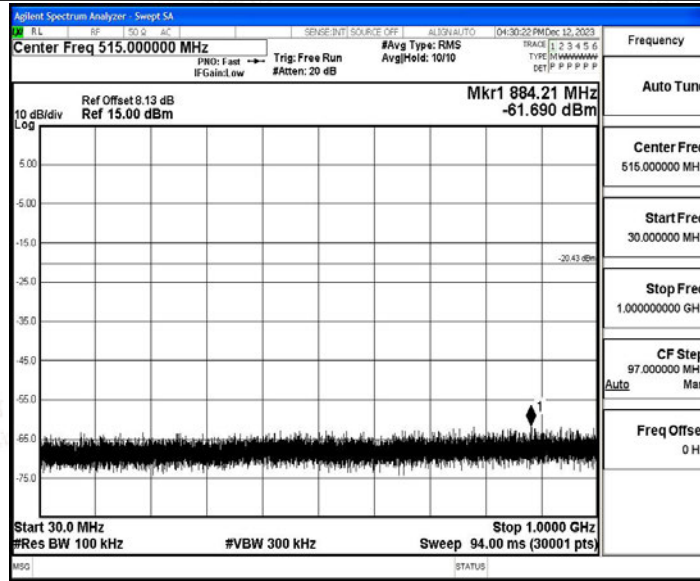


DH5_Ant1_2441_0~Reference

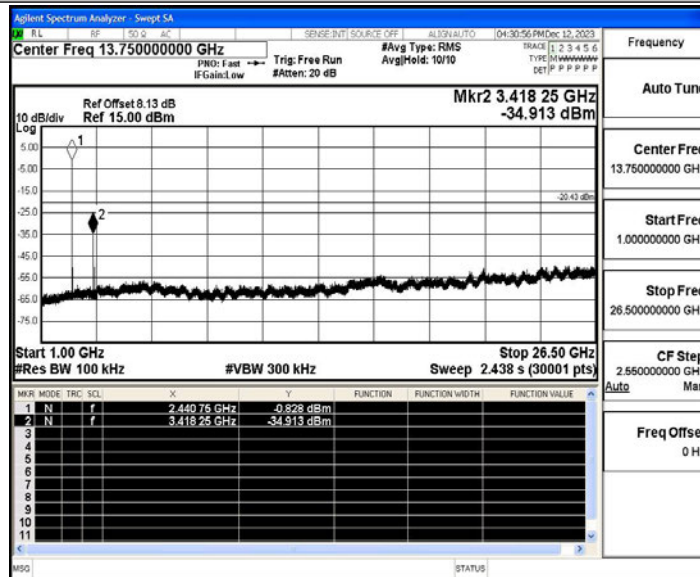


DH5_Ant1_2441_30~1000



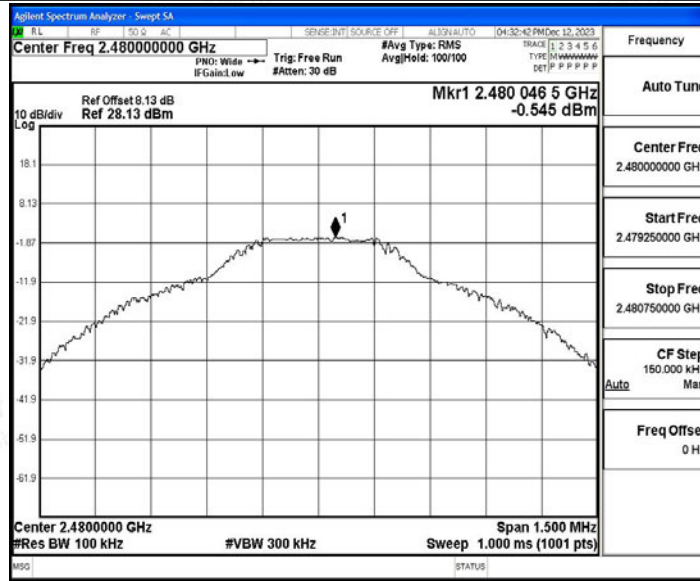


DH5_Ant1_2441_1000~26500

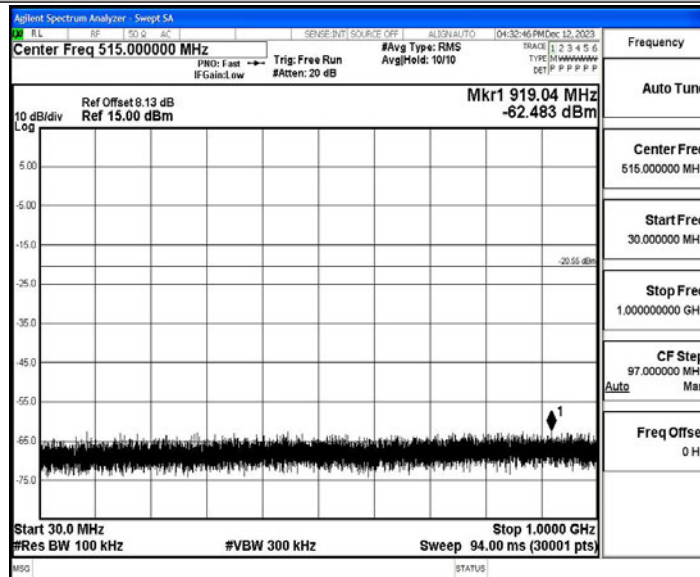


DH5_Ant1_2480_0~Reference



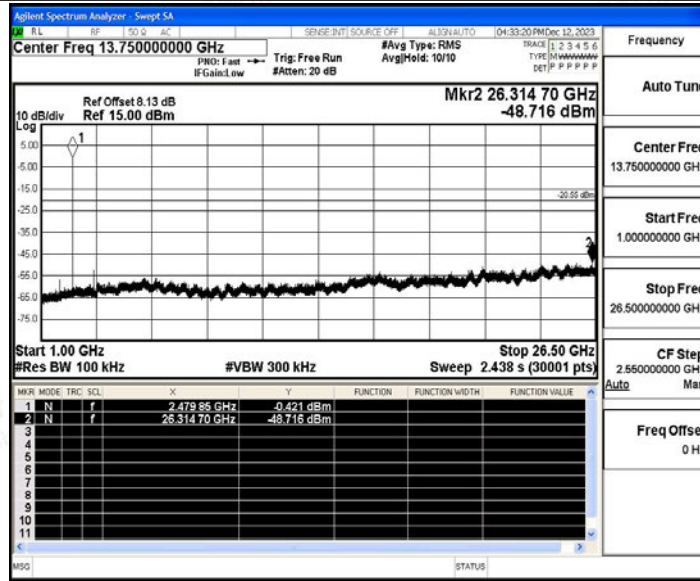


DH5_Ant1_2480_30~1000

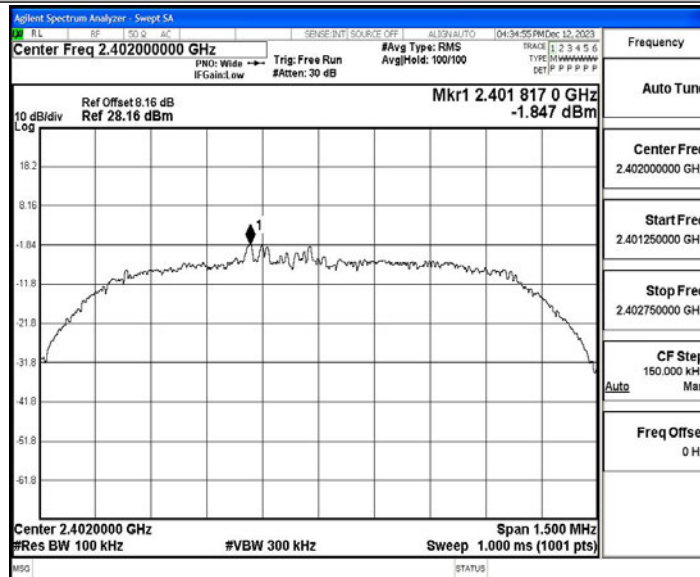


DH5_Ant1_2480_1000~26500



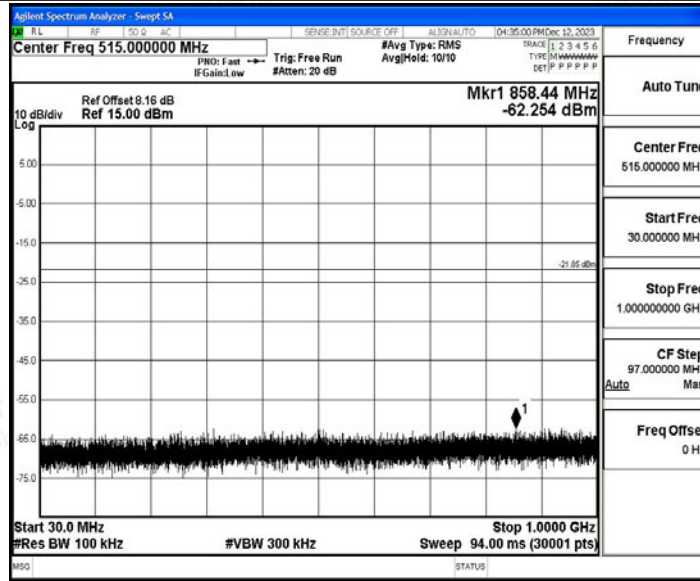


2DH5_Ant1_2402_0~Reference

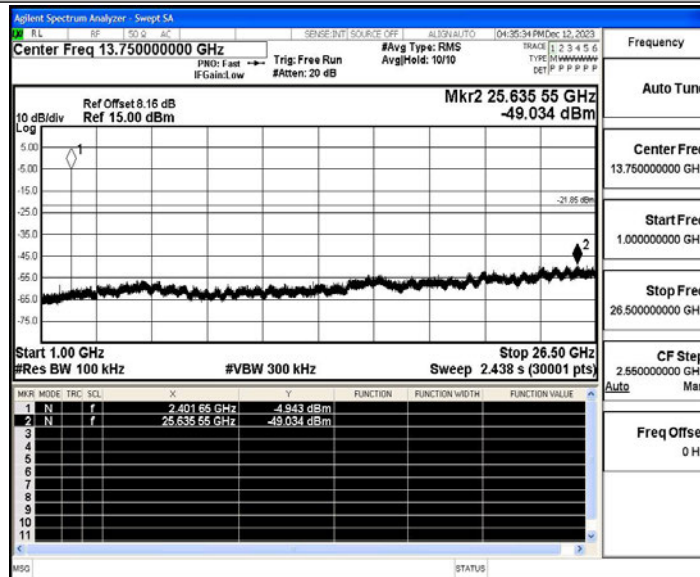


2DH5_Ant1_2402_30~1000



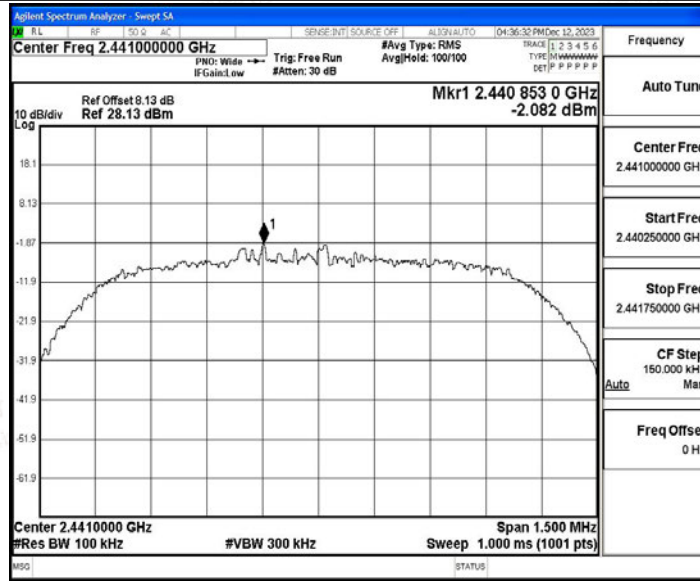


2DH5_Ant1_2402_1000~26500

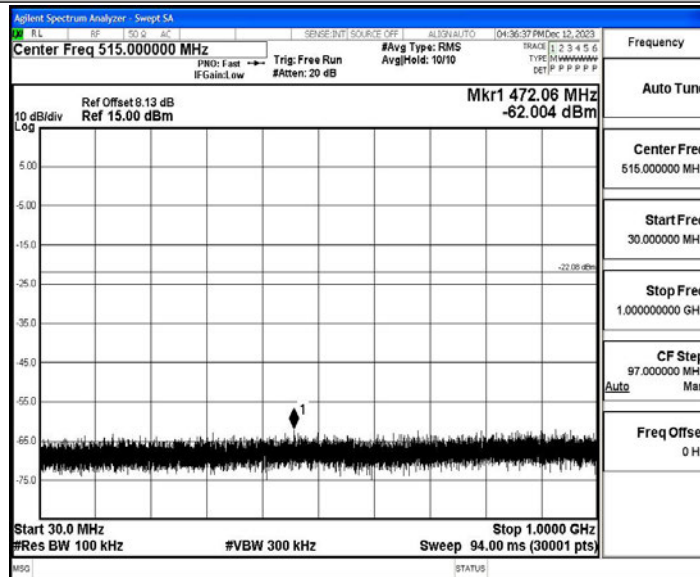


2DH5_Ant1_2441_0~Reference



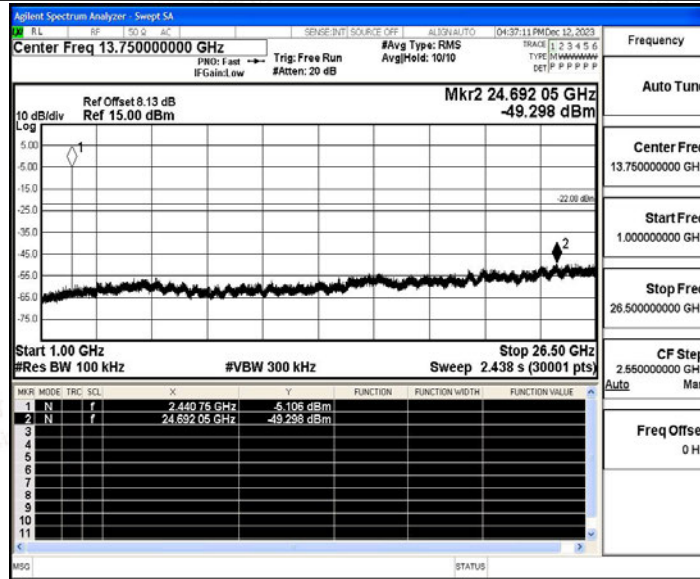


2DH5_Ant1_2441_30~1000

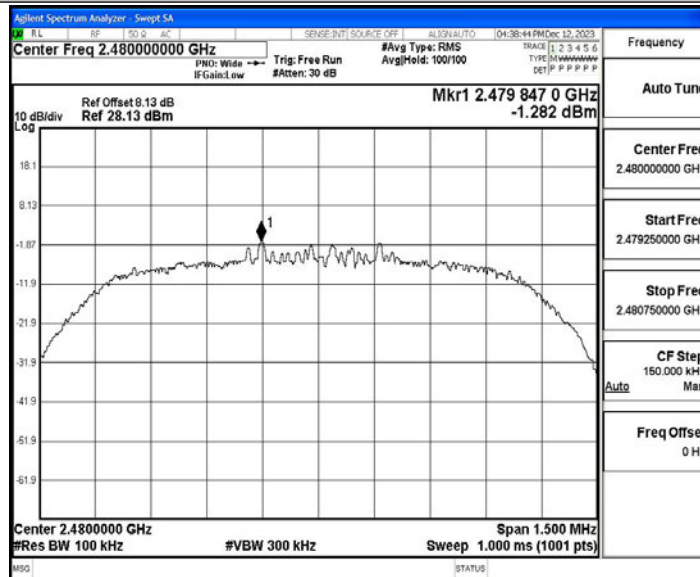


2DH5_Ant1_2441_1000~26500



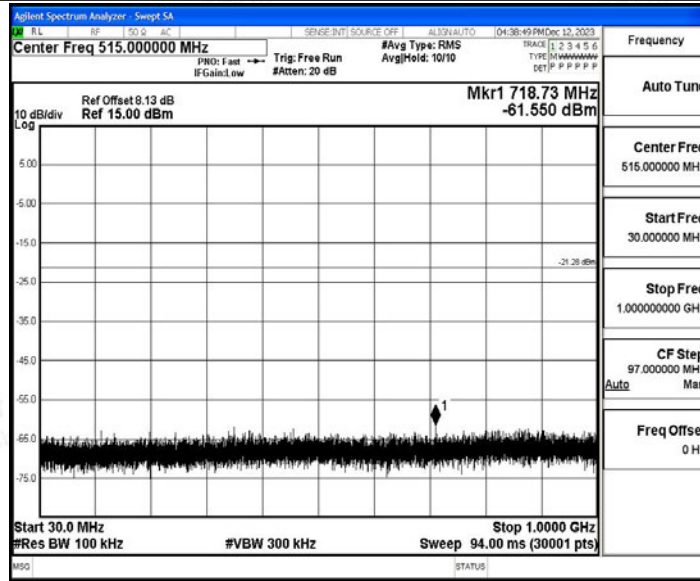


2DH5_Ant1_2480_0~Reference

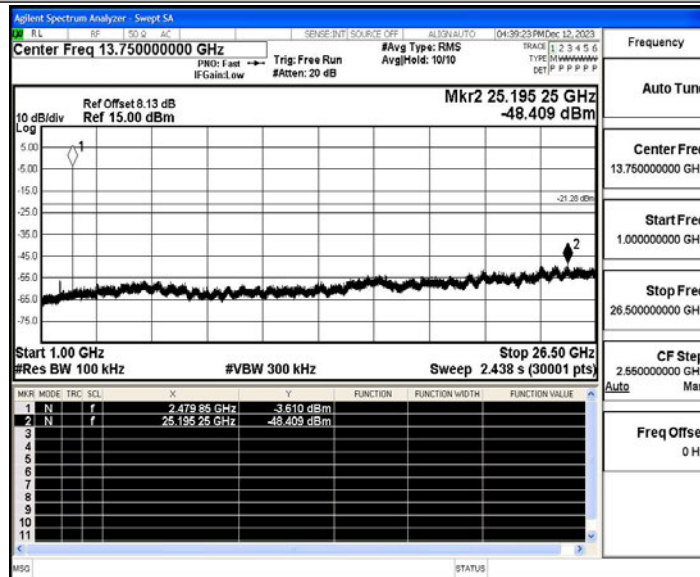


2DH5_Ant1_2480_30~1000



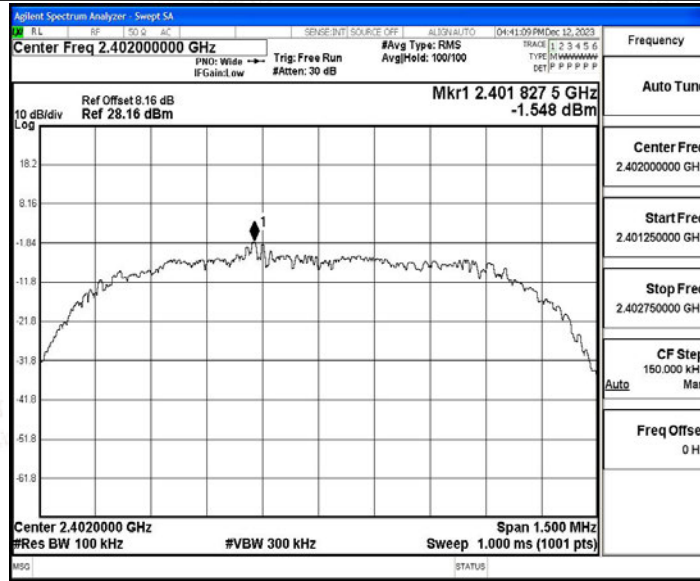


2DH5_Ant1_2480_1000~26500

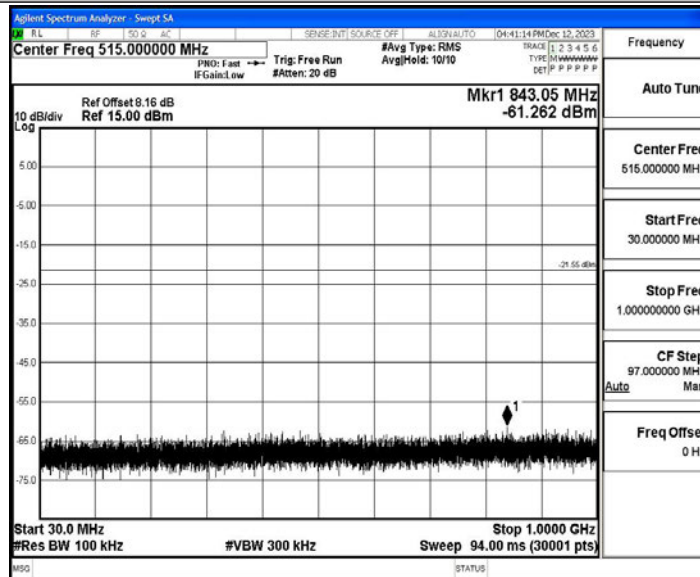


3DH5_Ant1_2402_0~Reference



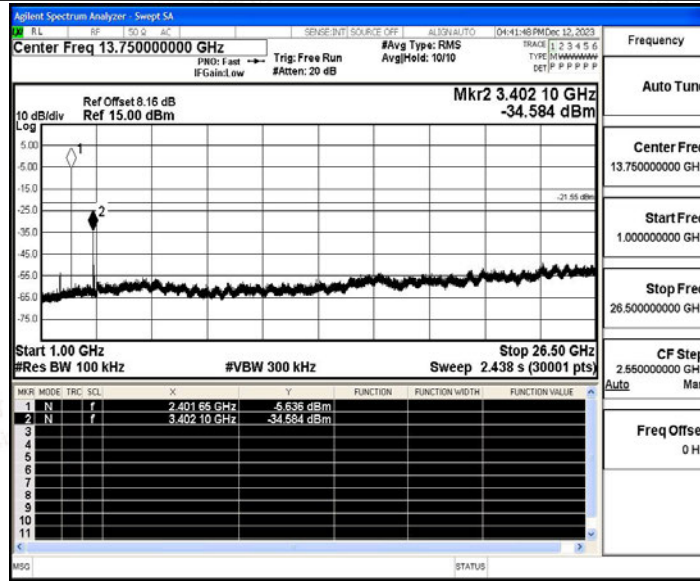


3DH5_Ant1_2402_30~1000

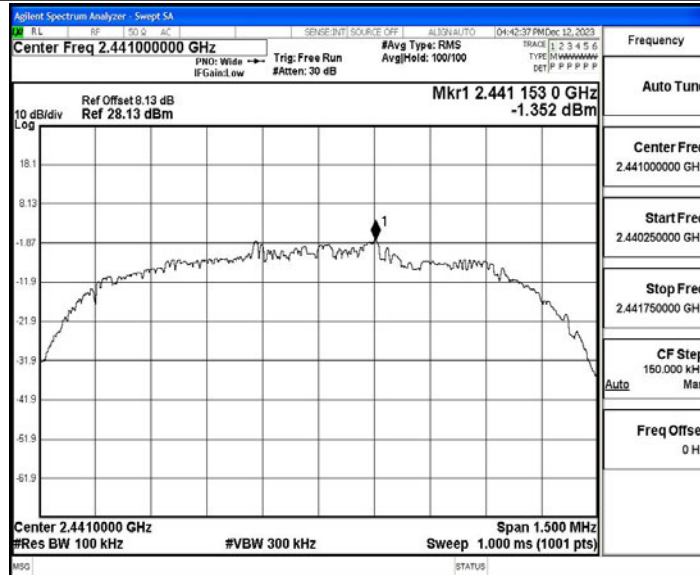


3DH5_Ant1_2402_1000~26500



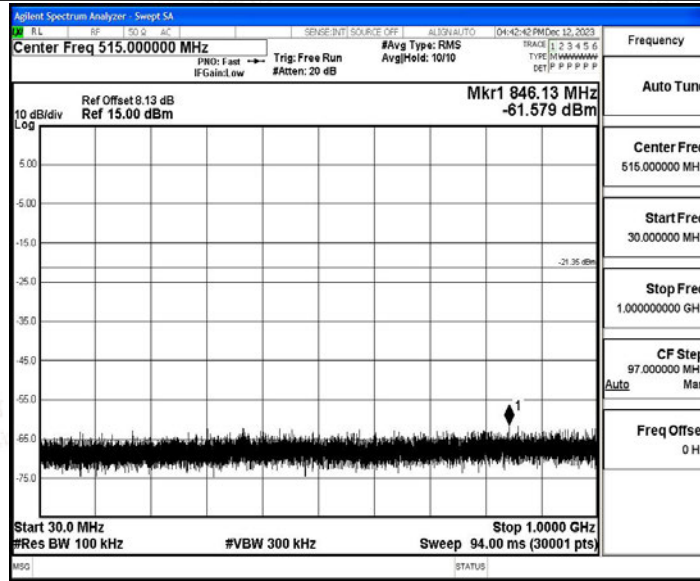


3DH5_Ant1_2441_0~Reference

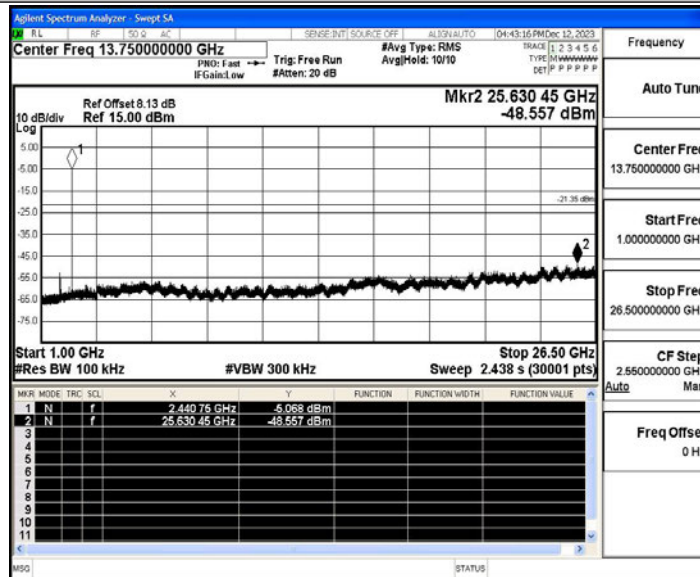


3DH5_Ant1_2441_30~1000



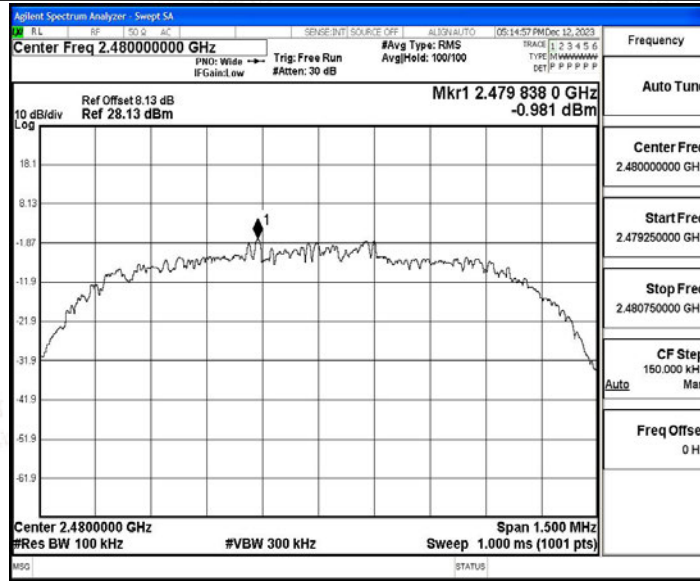


3DH5_Ant1_2441_1000~26500

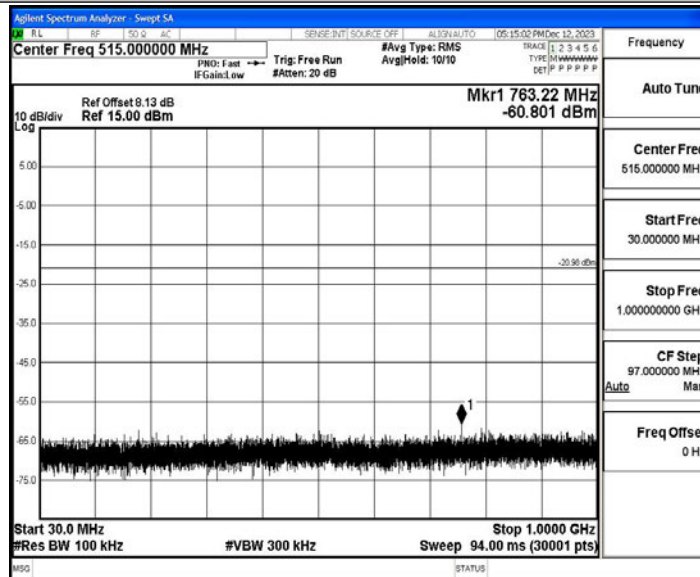


3DH5_Ant1_2480_0~Reference



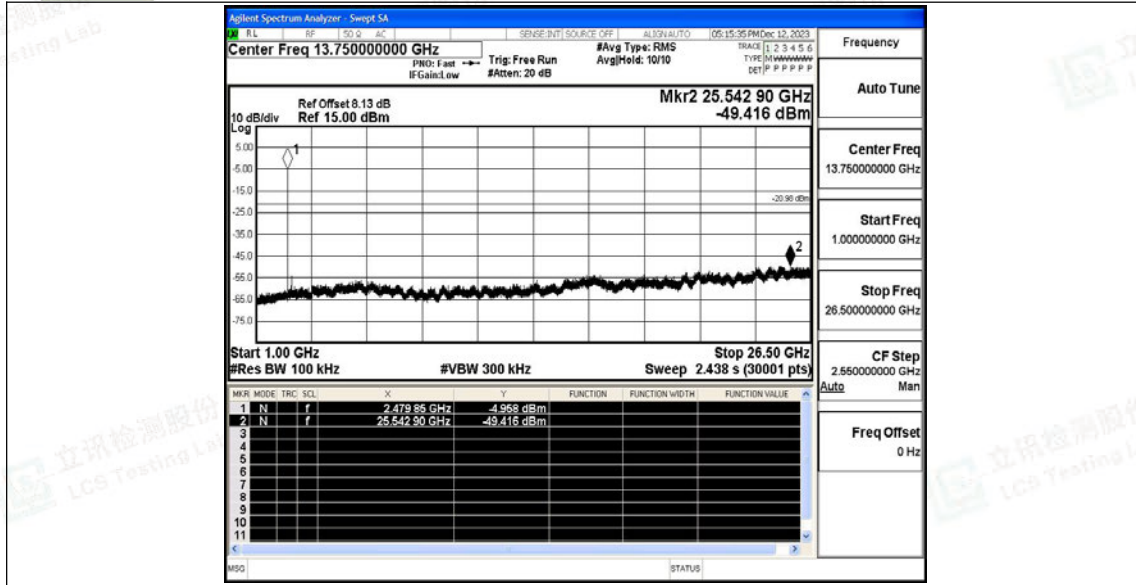


3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500







A.8 Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	1/T
DH5	Ant1	2402	2.88	3.75	0.7680	76.80	1.15	0.35
		2441	2.88	3.75	0.7680	76.80	1.15	0.35
		2480	2.89	3.75	0.7707	77.07	1.13	0.35
2DH5	Ant1	2402	2.88	3.75	0.7680	76.80	1.15	0.35
		2441	2.89	3.75	0.7707	77.07	1.13	0.35
		2480	2.89	3.75	0.7707	77.07	1.13	0.35
3DH5	Ant1	2402	2.89	3.75	0.7707	77.07	1.13	0.35
		2441	2.89	3.75	0.7707	77.07	1.13	0.35
		2480	2.88	3.75	0.7680	76.80	1.15	0.35

