



## 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





## A.1 20dB Emission Bandwidth

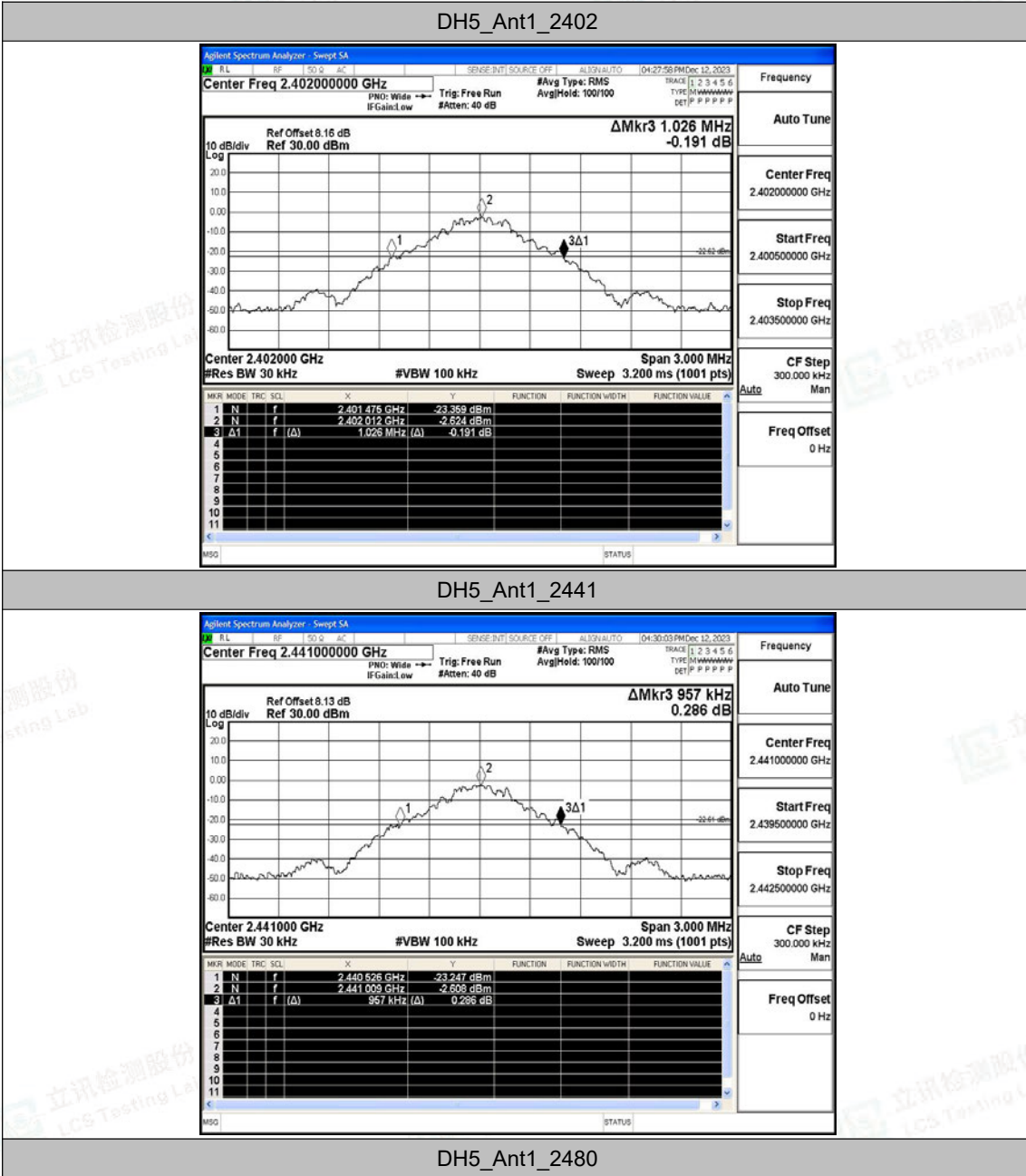
### Test Result

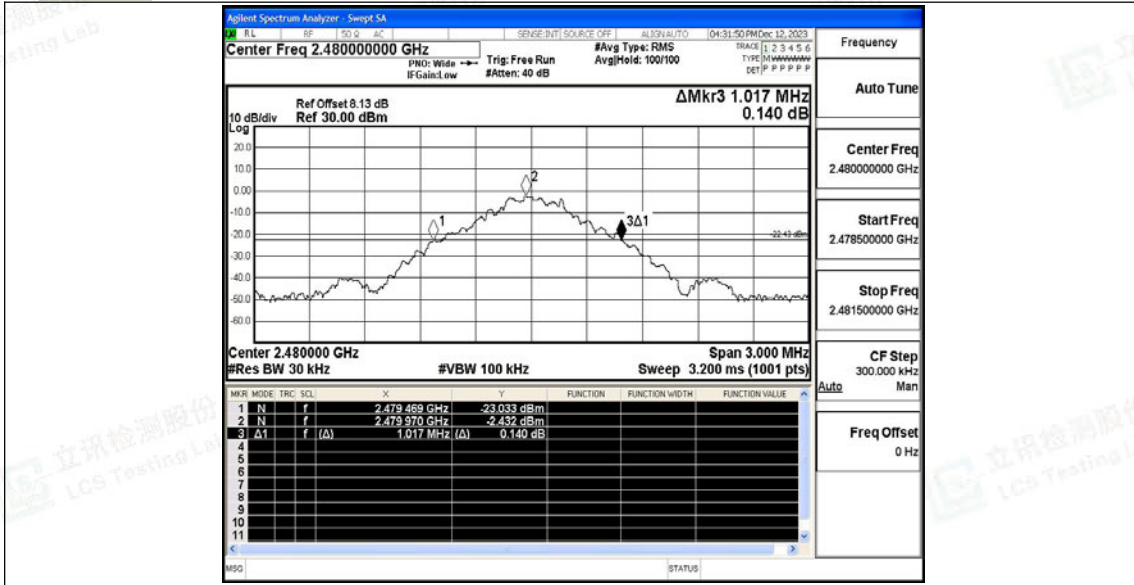
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	1.026	2401.475	2402.501	---
		2441	0.957	2440.526	2441.483	---
		2480	1.017	2479.469	2480.486	---
2DH5	Ant1	2402	1.275	2401.376	2402.651	---
		2441	1.284	2440.361	2441.645	---
		2480	1.317	2479.340	2480.657	---
3DH5	Ant1	2402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



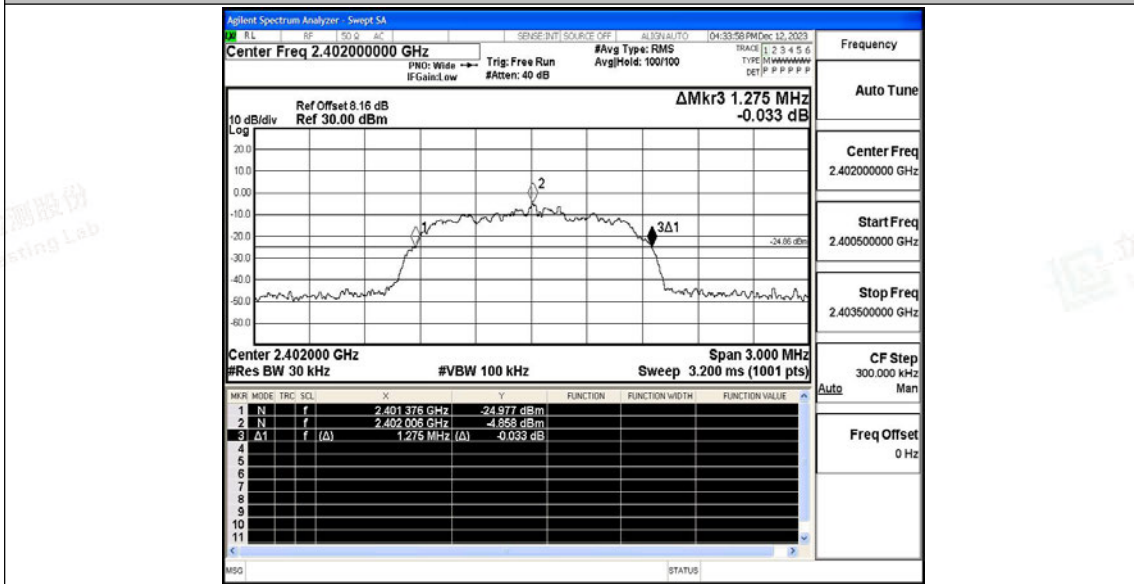


### Test Graphs



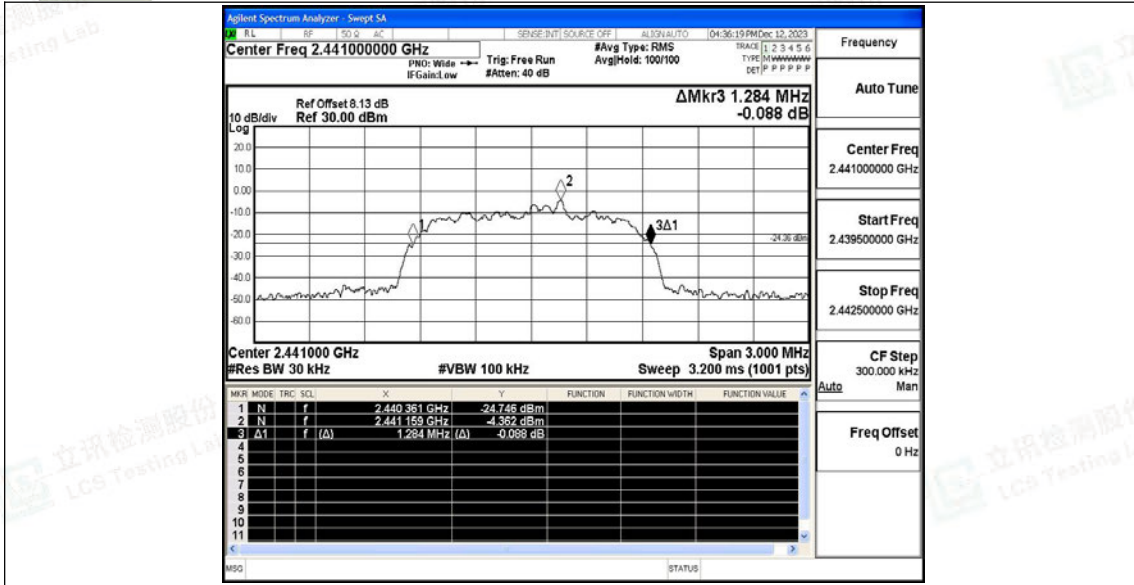


2DH5\_Ant1\_2402

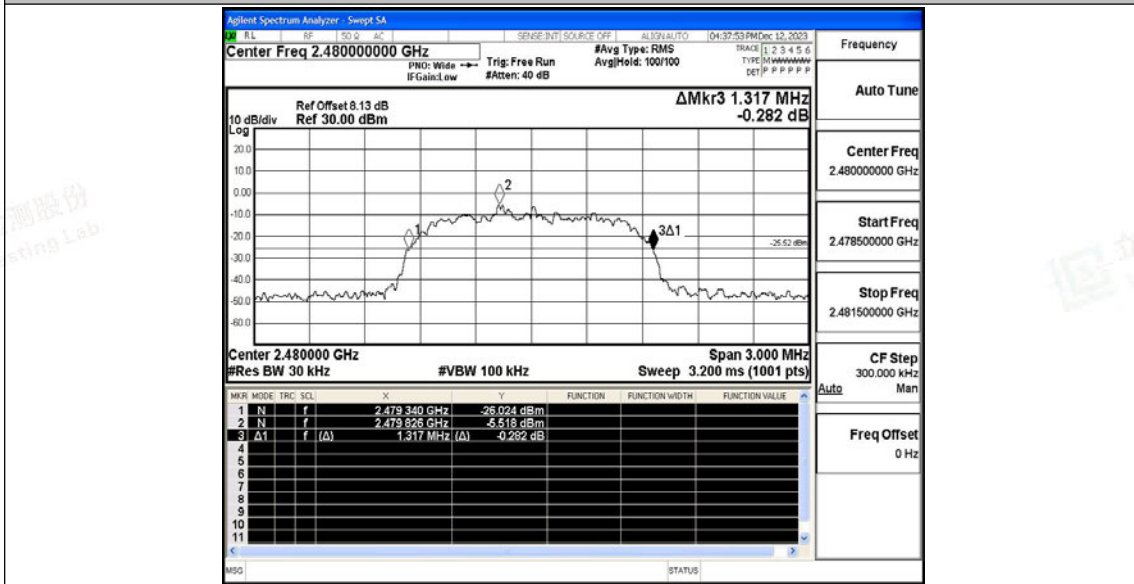


2DH5\_Ant1\_2441



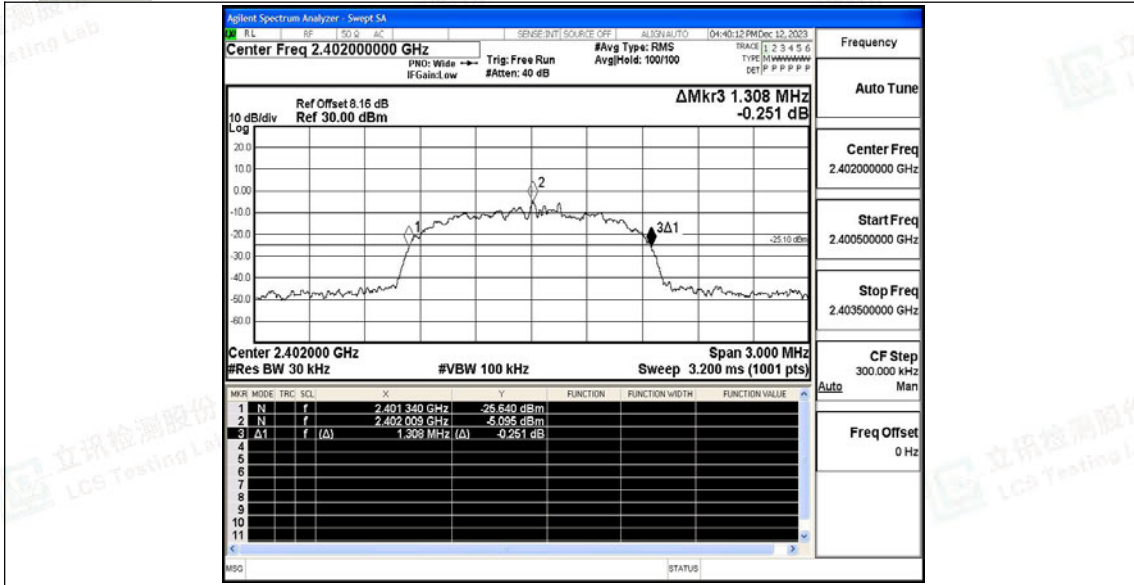


2DH5\_Ant1\_2480

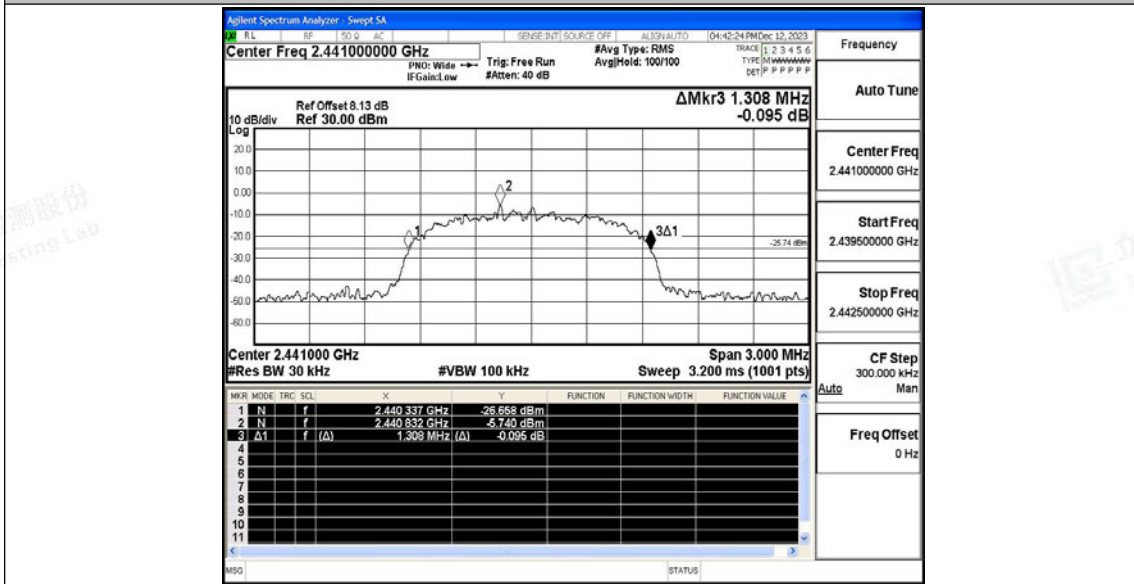


3DH5\_Ant1\_2402



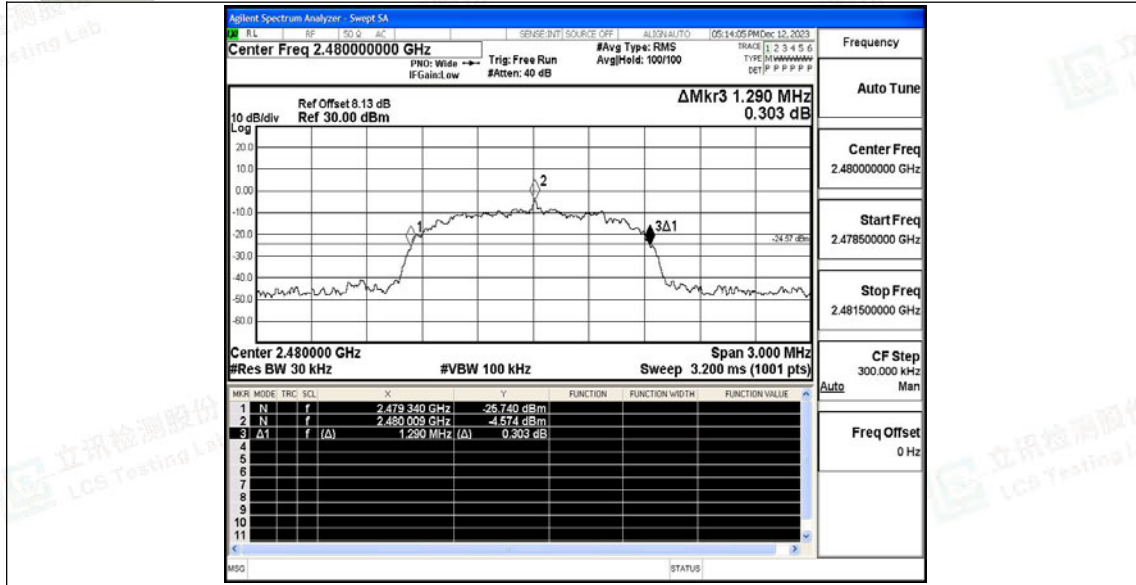


3DH5\_Ant1\_2441



3DH5\_Ant1\_2480







## A.2 Maximum conducted output power

### Test Result

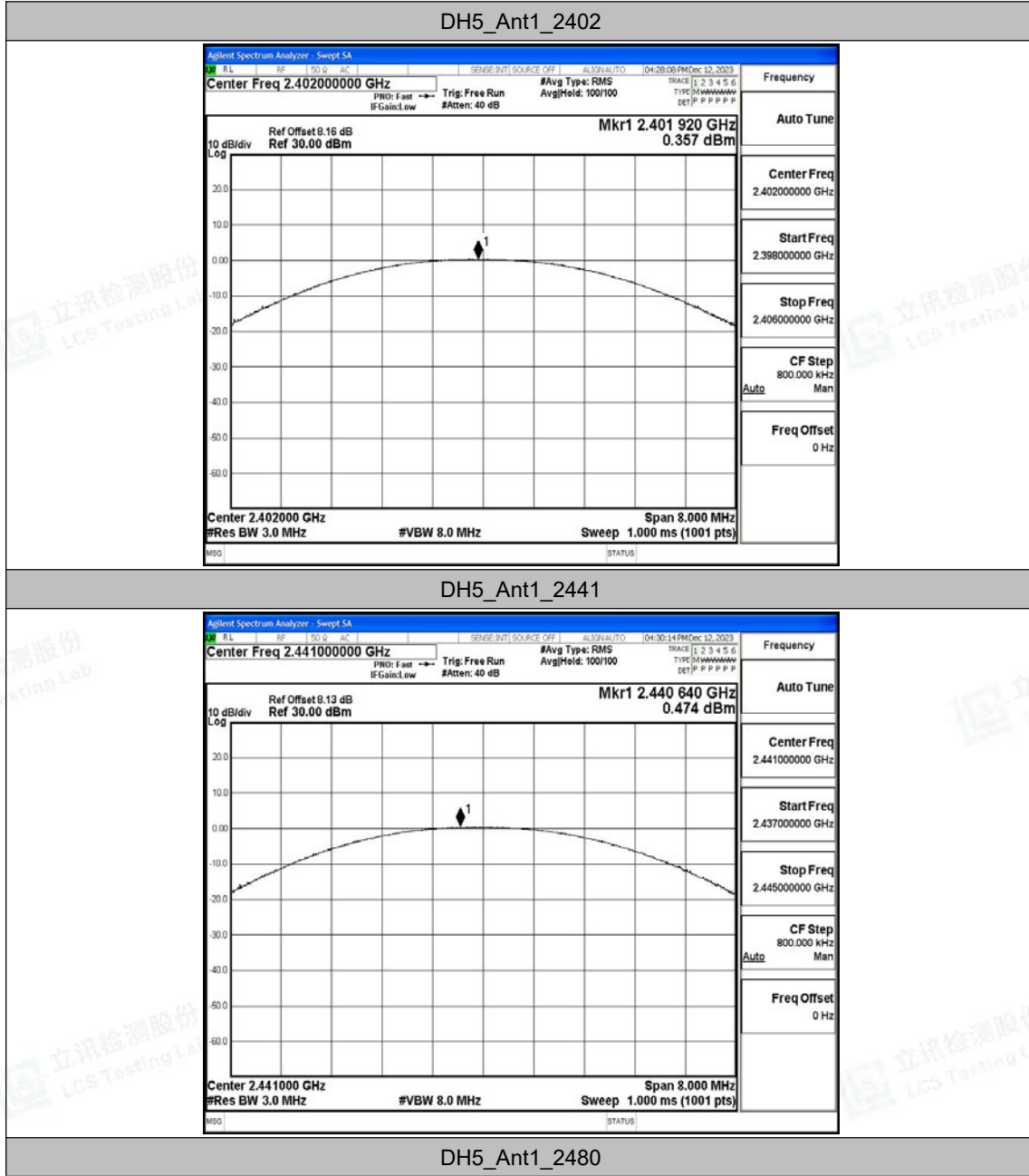
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.36	≤21	PASS
		2441	0.47	≤21	PASS
		2480	0.56	≤21	PASS
2DH5	Ant1	2402	-0.03	≤21	PASS
		2441	0.14	≤21	PASS
		2480	0.2	≤21	PASS
3DH5	Ant1	2402	0.02	≤21	PASS
		2441	0.16	≤21	PASS
		2480	0.41	≤21	PASS

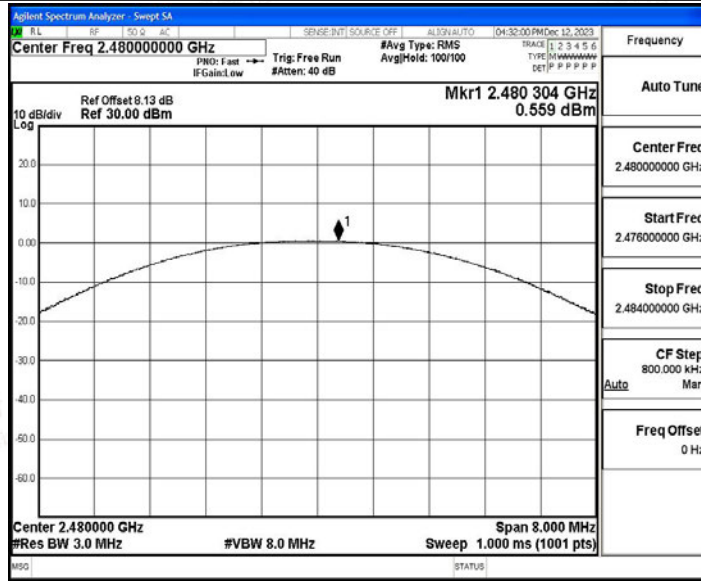




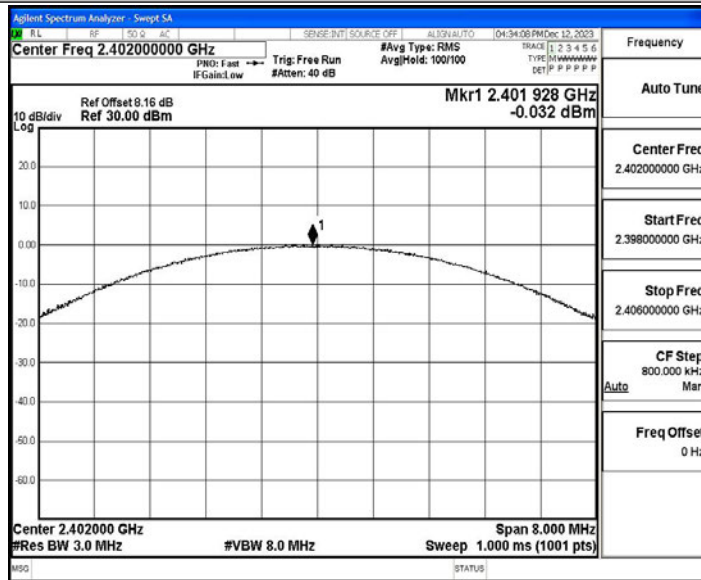


### Test Graphs



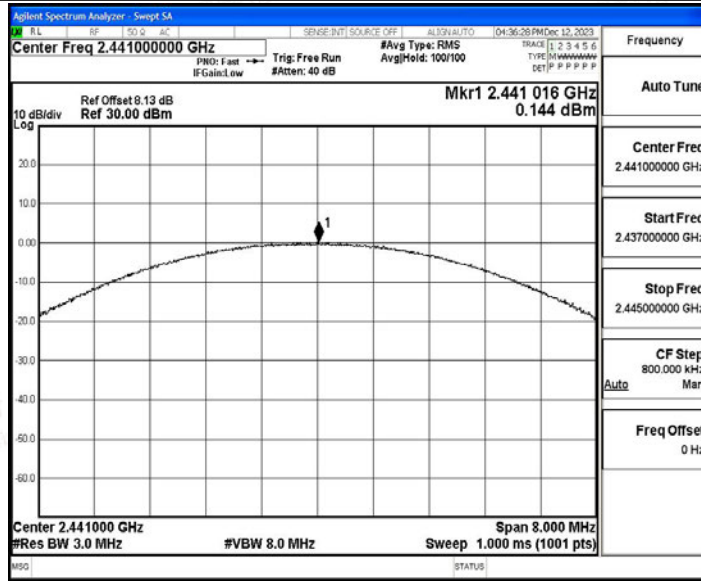


2DH5\_Ant1\_2402

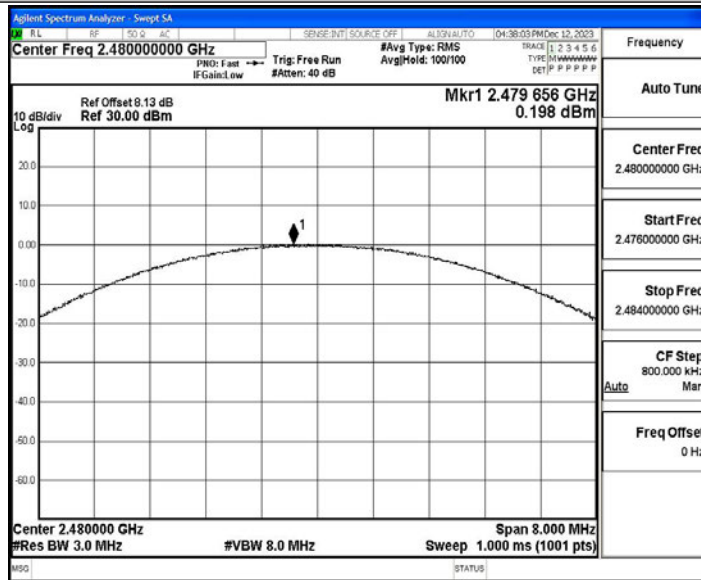


2DH5\_Ant1\_2441



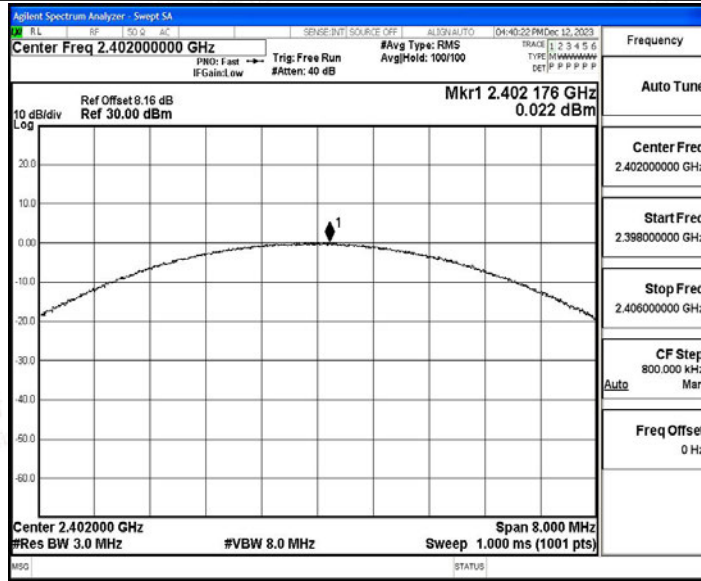


2DH5\_Ant1\_2480

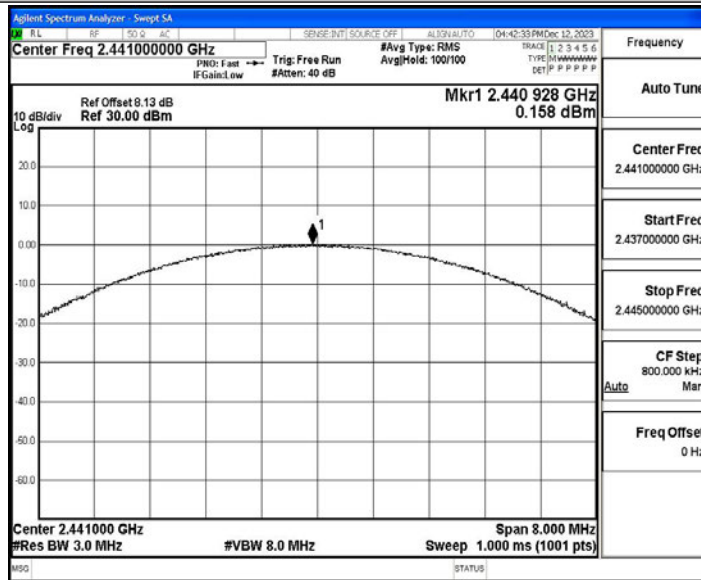


3DH5\_Ant1\_2402



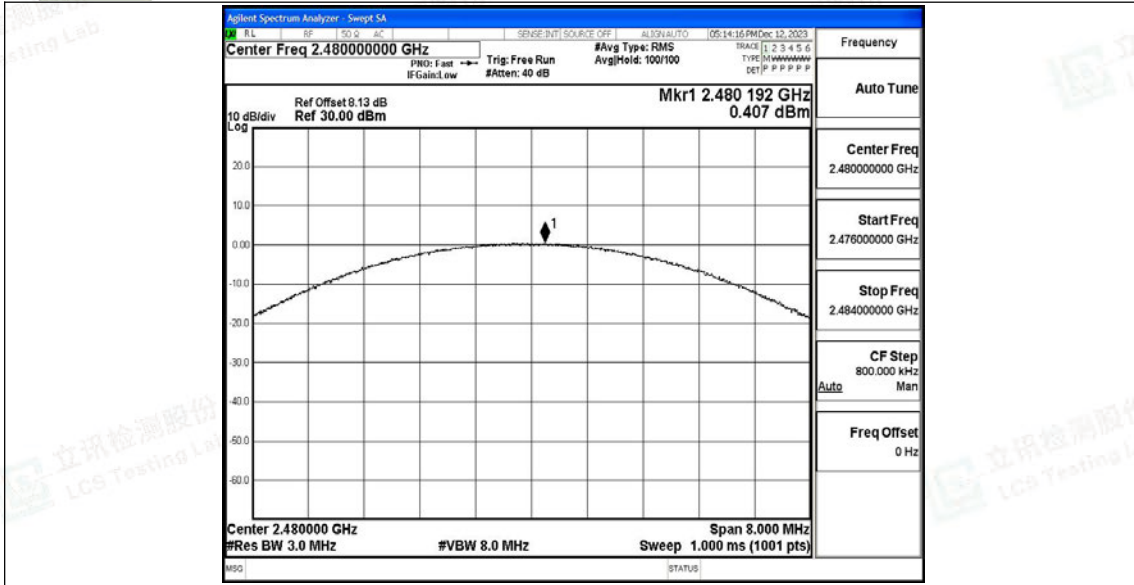


3DH5\_Ant1\_2441



3DH5\_Ant1\_2480







### A.3 Carrier frequency separation

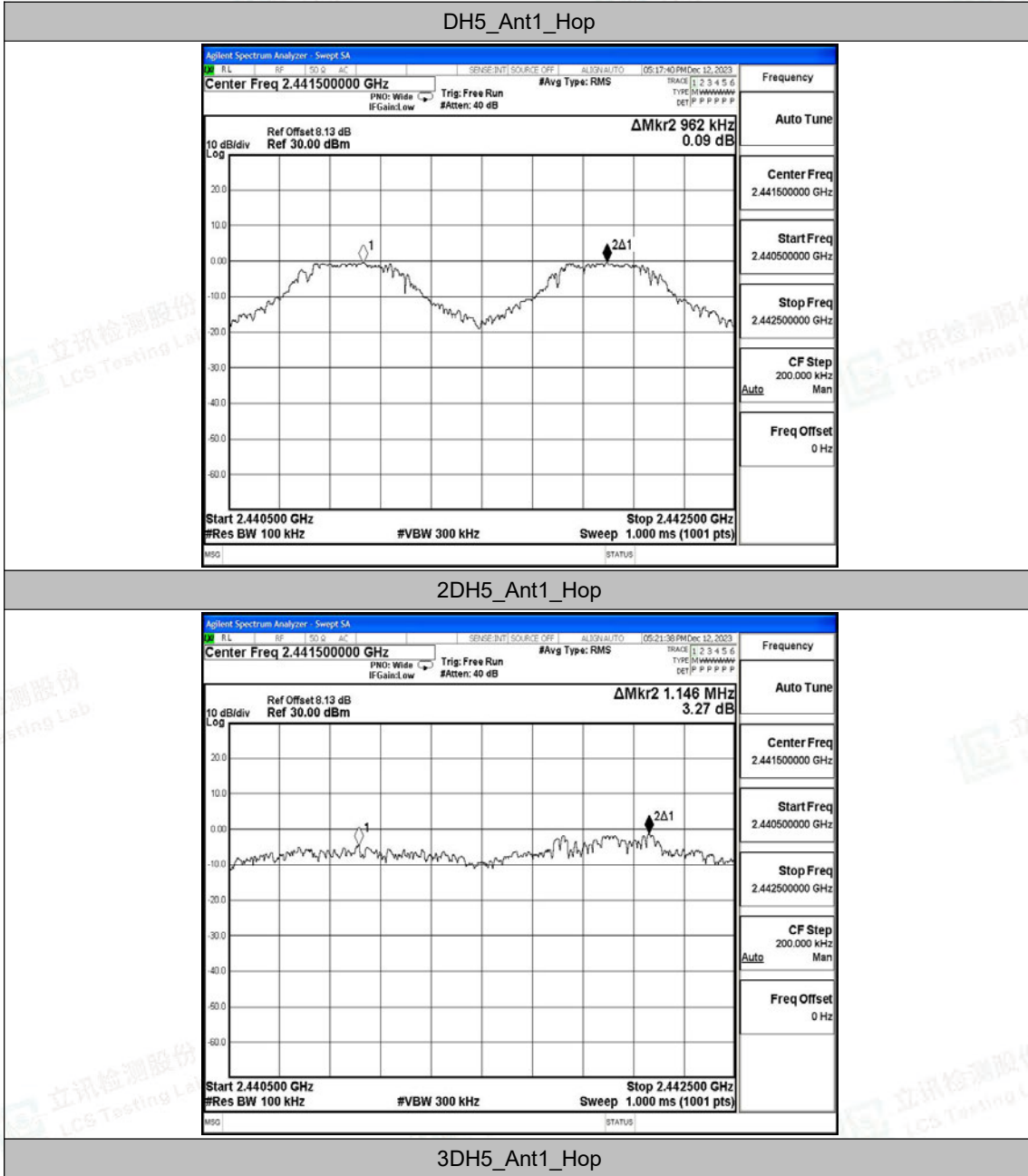
#### Test Result

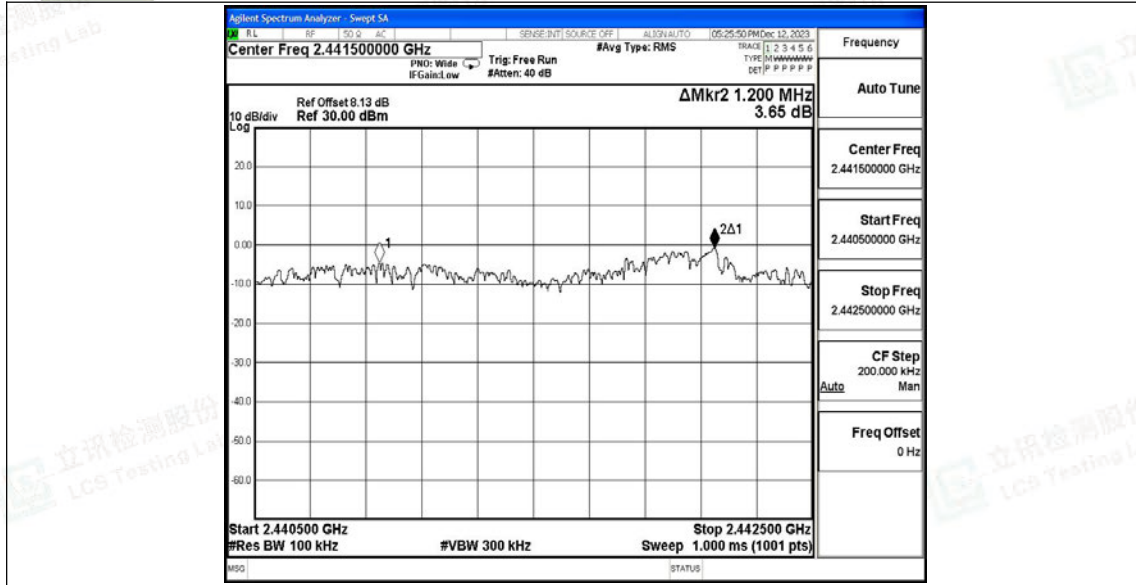
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.962	≥0.684	PASS
2DH5	Ant1	Hop	1.146	≥0.878	PASS
3DH5	Ant1	Hop	1.2	≥0.872	PASS





### Test Graphs









## A.4 Time of occupancy

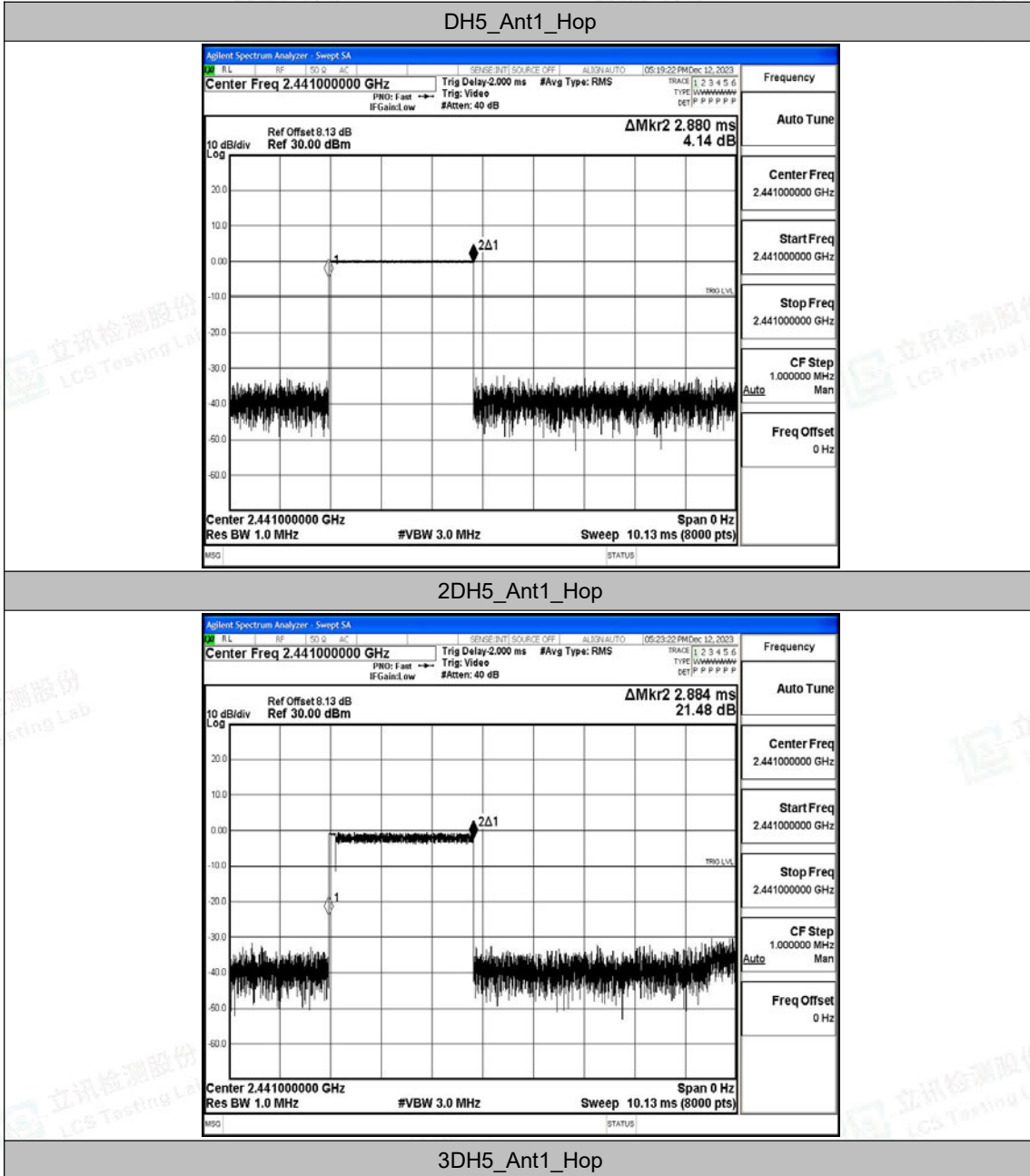
### Test Result

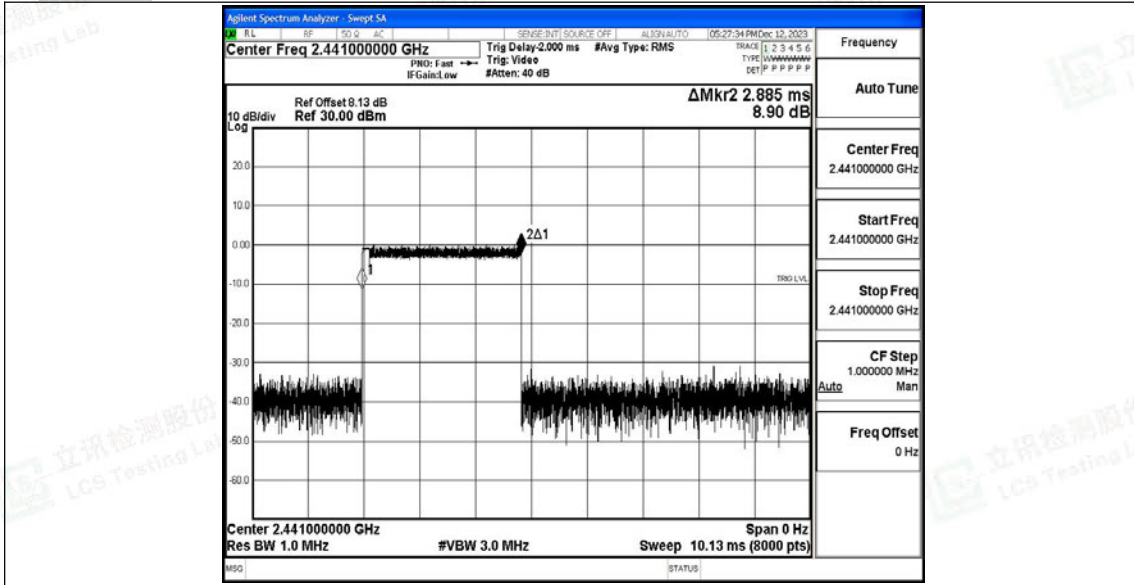
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS





### Test Graphs







## A.5 Number of hopping channels

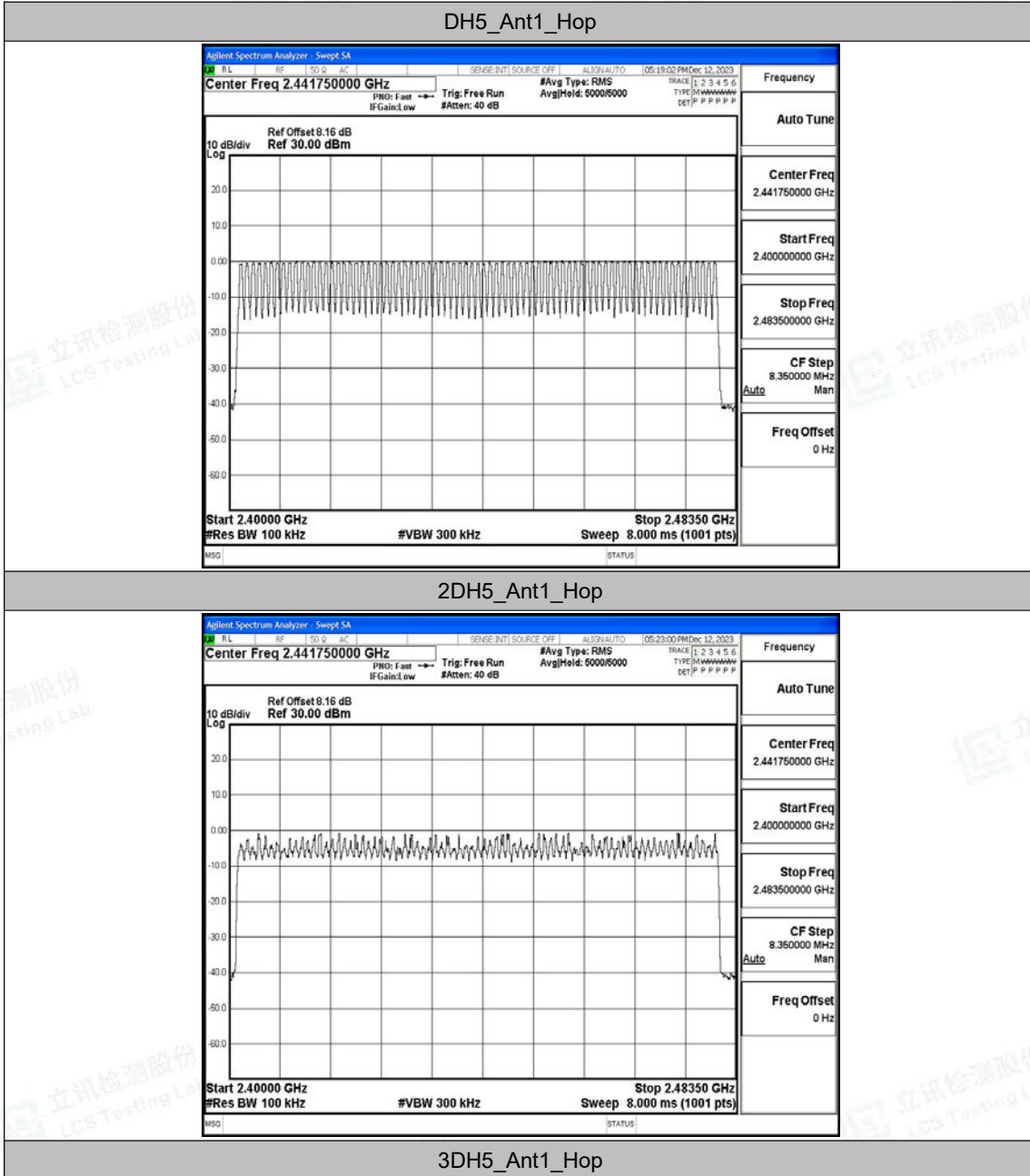
### Test Result

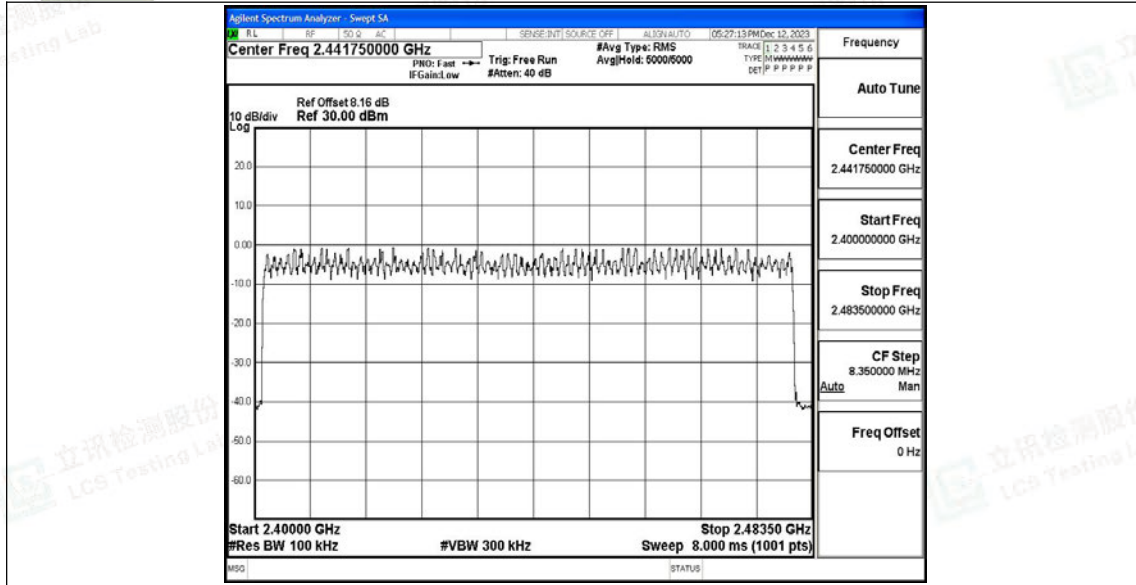
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





### Test Graphs







## A.6 Band edge measurements

### Test Result

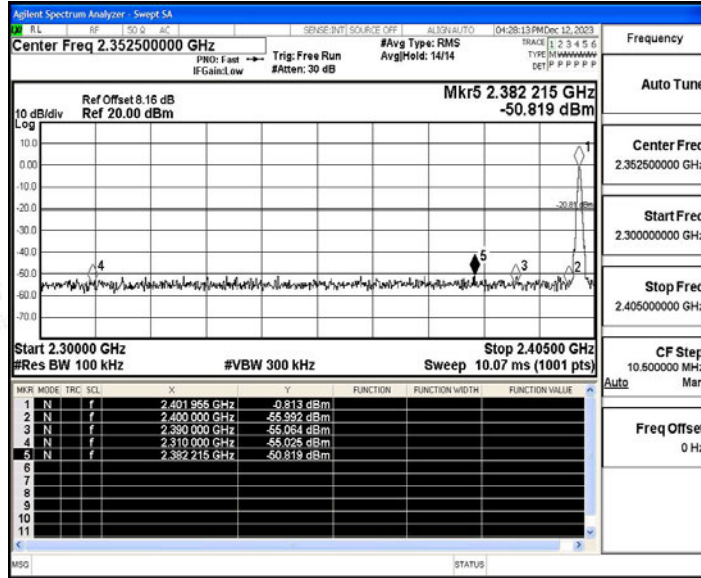
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.81	-50.82	≤-20.81	PASS
		High	2480	-0.17	-50.85	≤-20.17	PASS
		Low	Hop_2402	-0.87	-49.91	≤-20.87	PASS
		High	Hop_2480	0.13	-49.86	≤-19.87	PASS
2DH5	Ant1	Low	2402	-5.34	-50.56	≤-25.34	PASS
		High	2480	-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



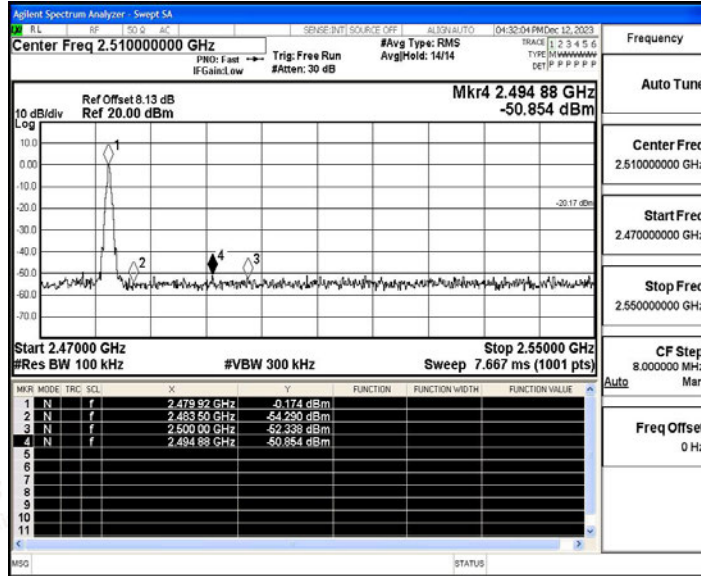


### Test Graphs

#### DH5\_Ant1\_Low\_2402



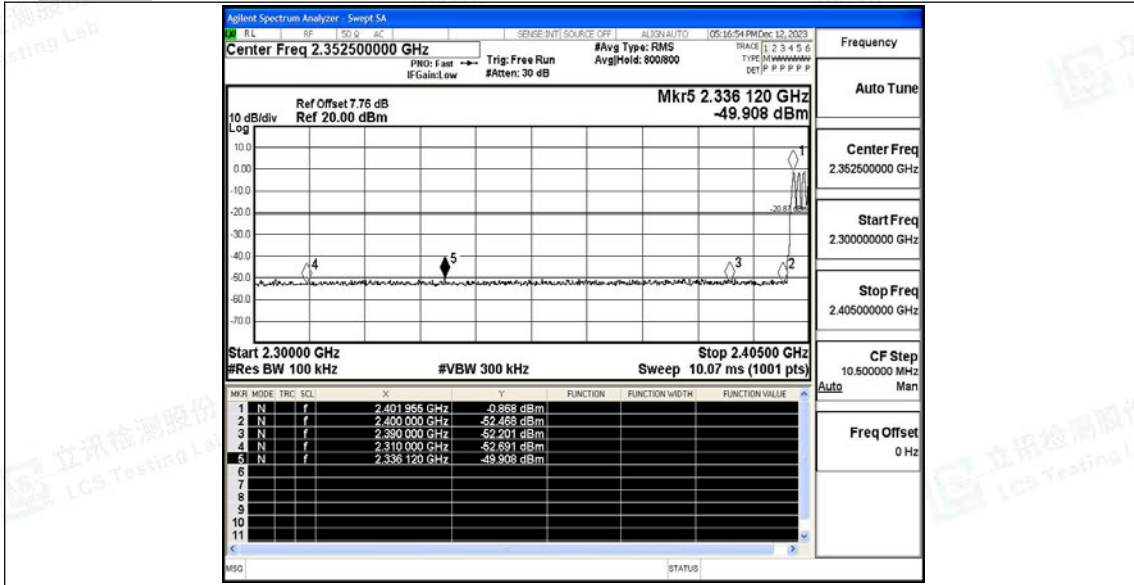
#### DH5\_Ant1\_High\_2480



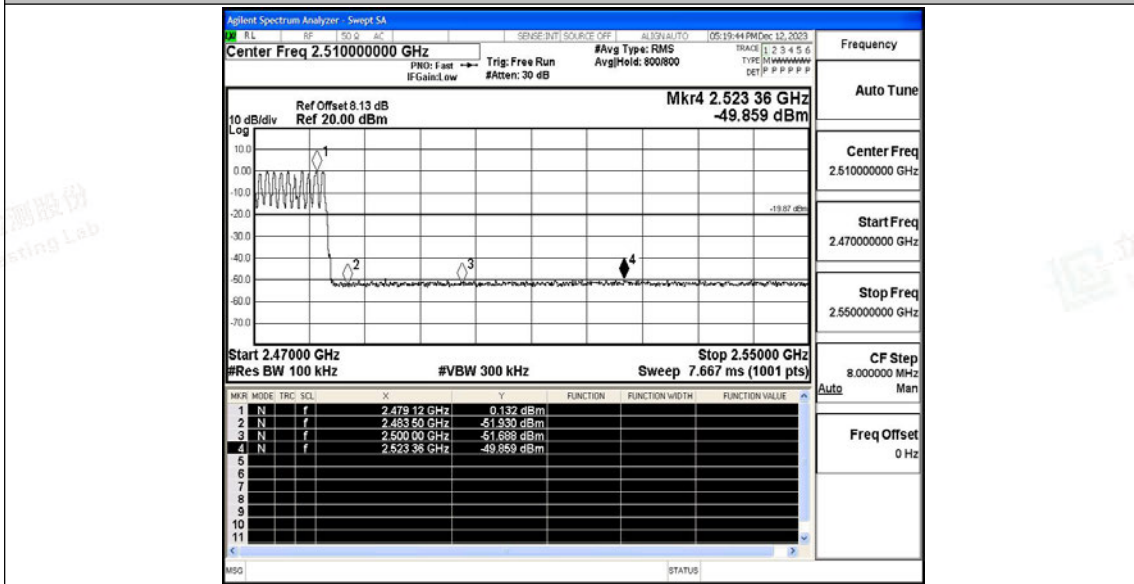
#### DH5\_Ant1\_Low\_Hop\_2402





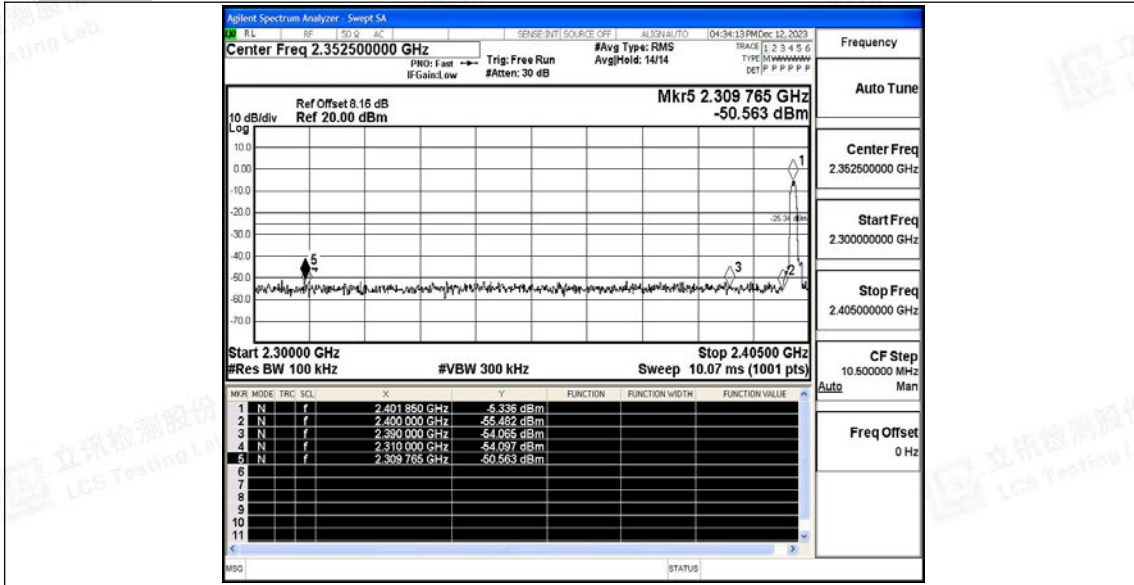


DH5\_Ant1\_High\_Hop\_2480

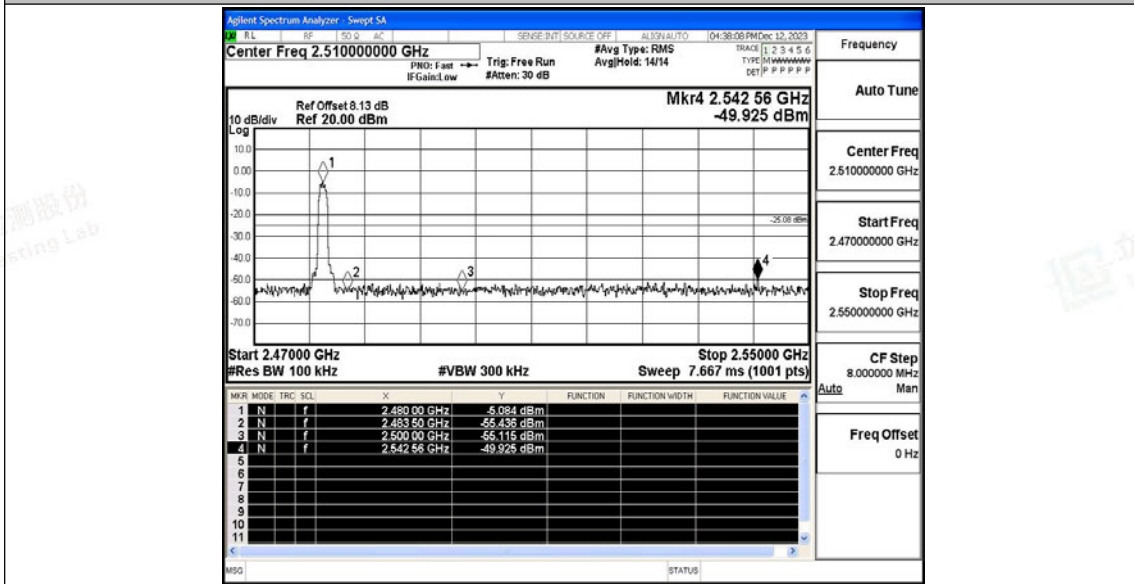


2DH5\_Ant1\_Low\_2402



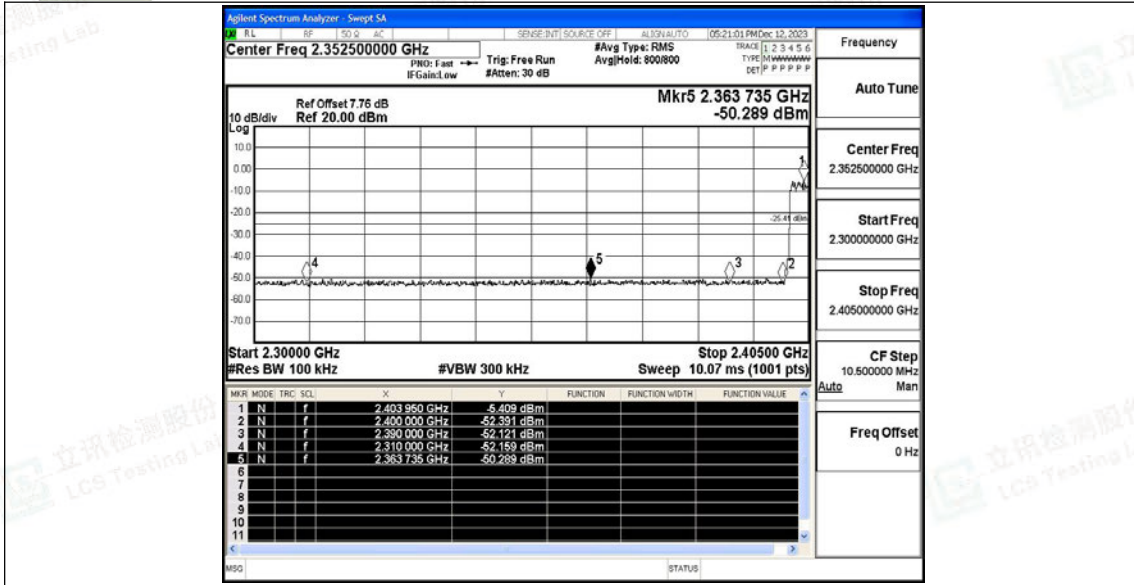


2DH5\_Ant1\_High\_2480

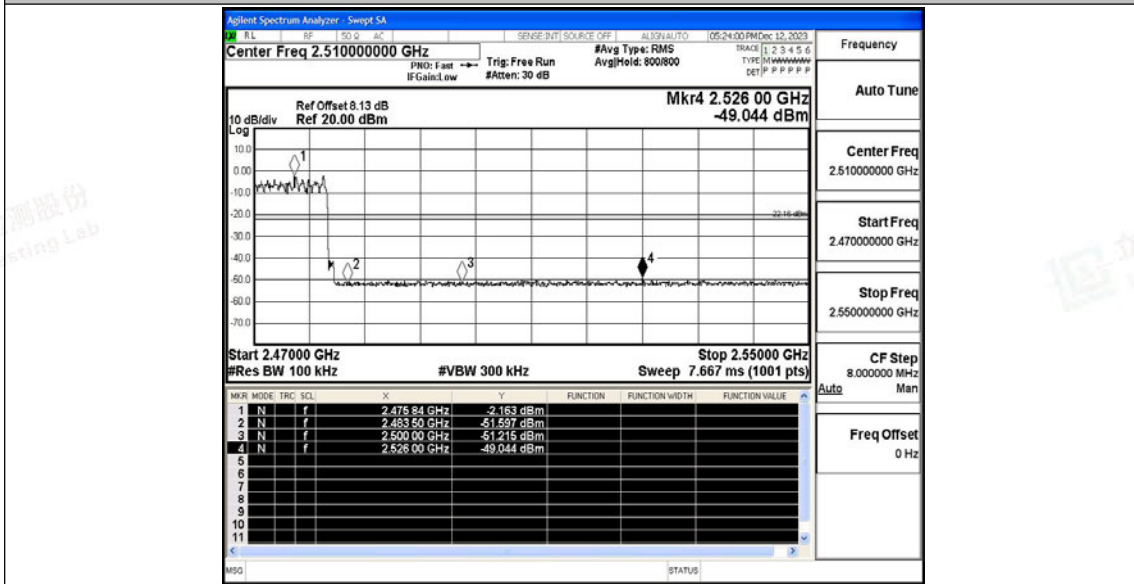


2DH5\_Ant1\_Low\_Hop\_2402



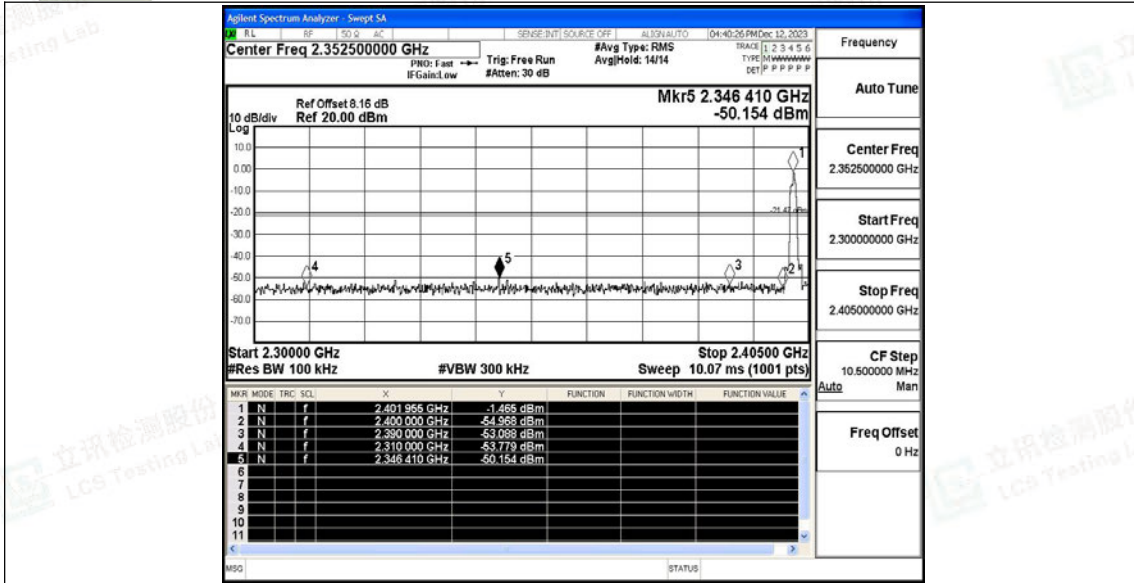


2DH5\_Ant1\_High\_Hop\_2480

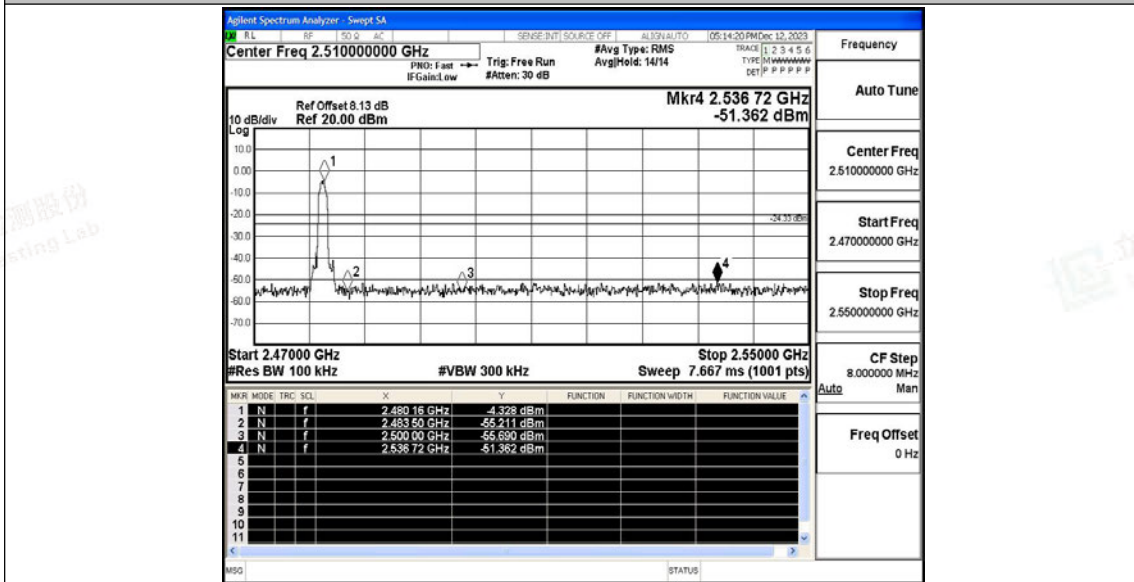


3DH5\_Ant1\_Low\_2402



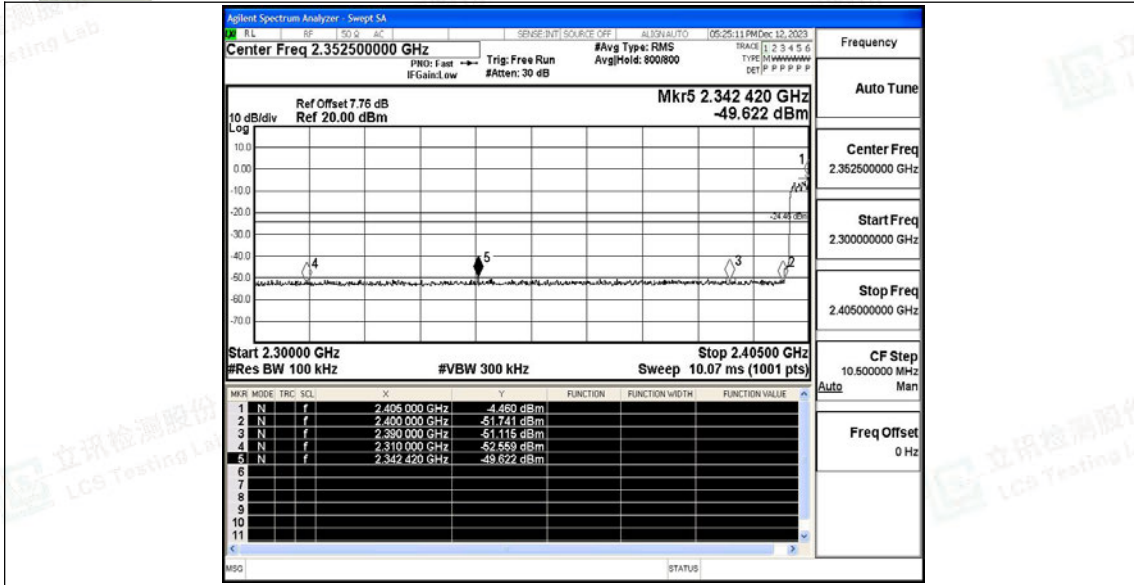


3DH5\_Ant1\_High\_2480

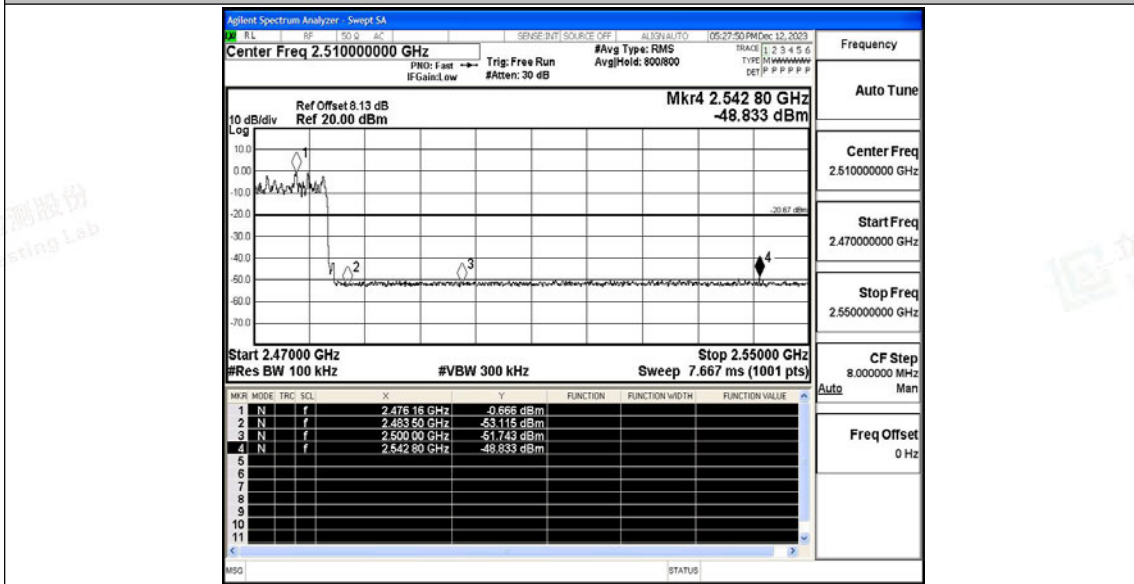


3DH5\_Ant1\_Low\_Hop\_2402





3DH5\_Ant1\_High\_Hop\_2480





## A.7 Conducted Spurious Emission

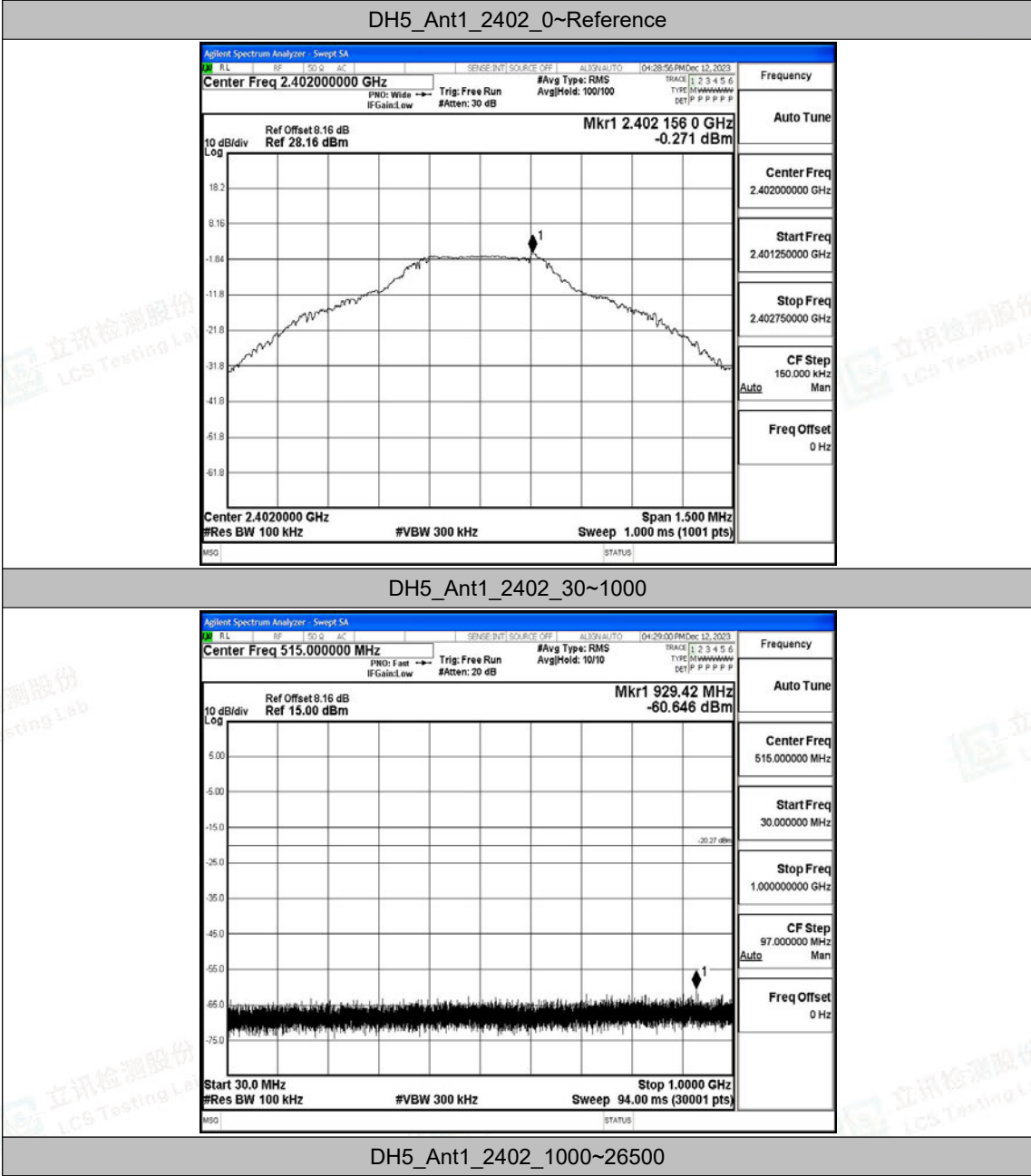
### Test Result

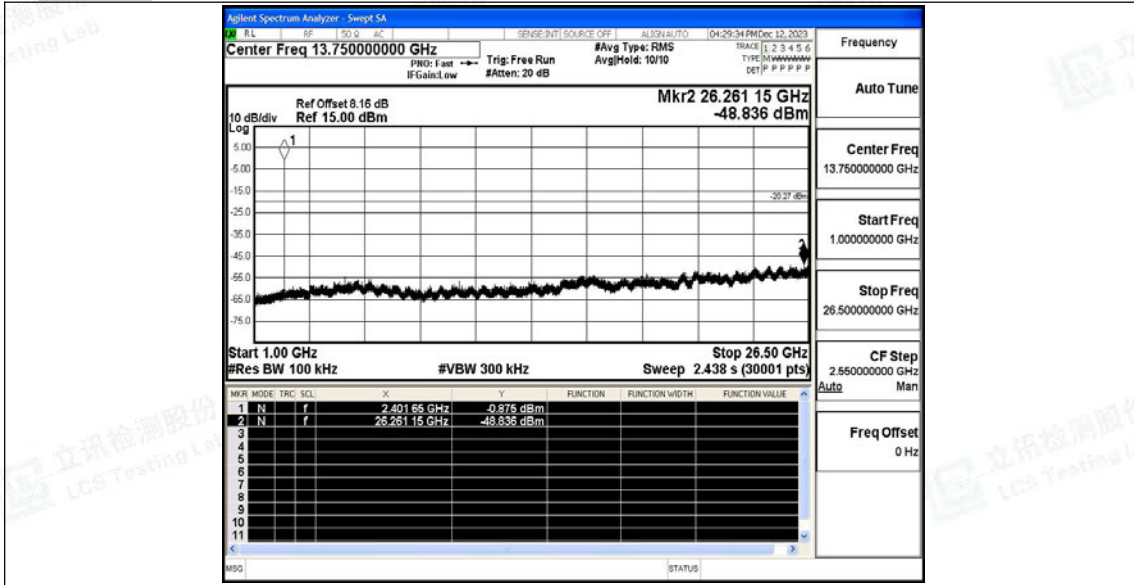
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.27	-0.27	---	PASS
			30~1000	-0.27	-60.65	≤-20.27	PASS
			1000~26500	-0.27	-48.84	≤-20.27	PASS
		2441	Reference	-0.43	-0.43	---	PASS
			30~1000	-0.43	-61.69	≤-20.43	PASS
			1000~26500	-0.43	-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



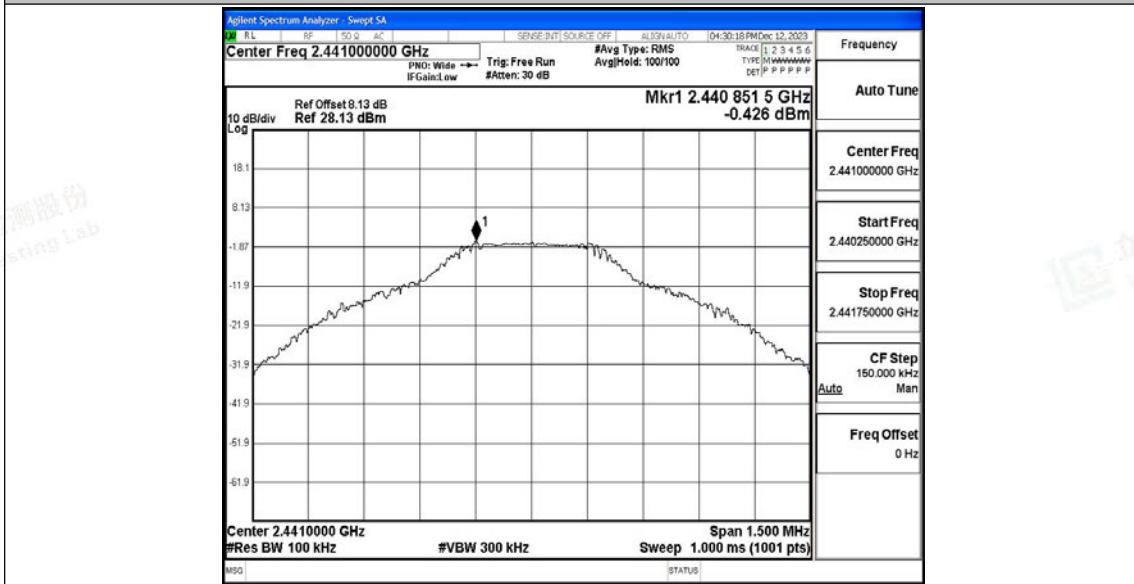


### Test Graphs





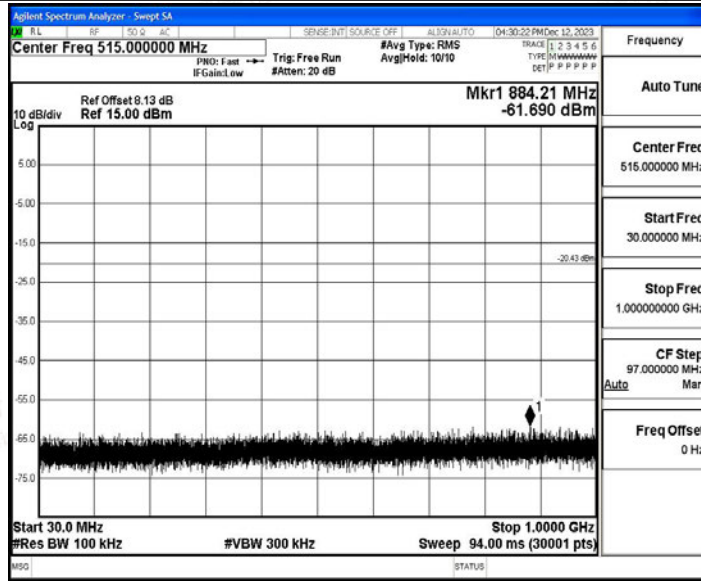
DH5\_Ant1\_2441\_0~Reference



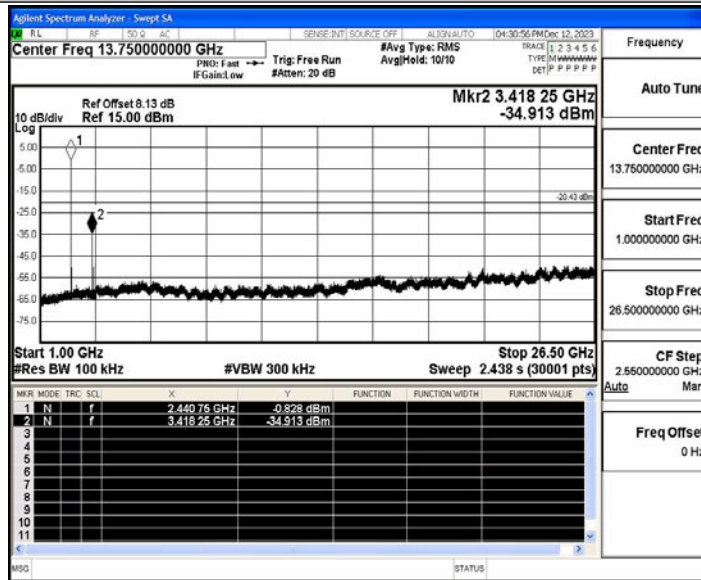
DH5\_Ant1\_2441\_30~1000





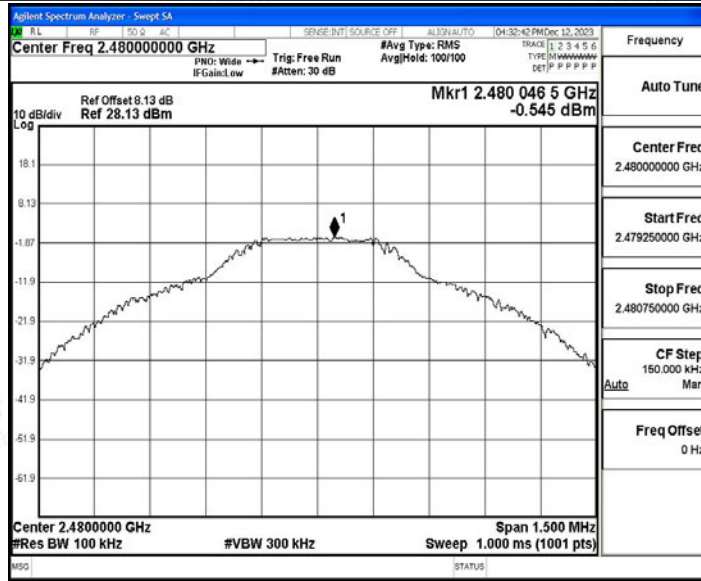


DH5\_Ant1\_2441\_1000~26500

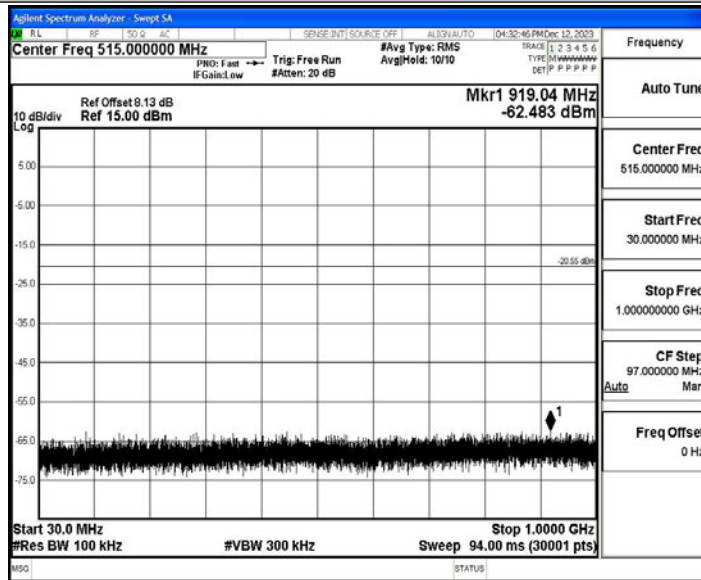


DH5\_Ant1\_2480\_0~Reference



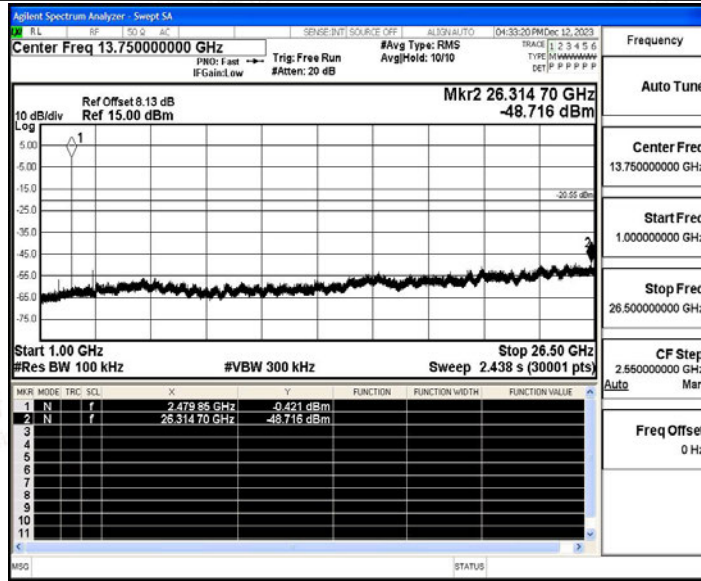


DH5\_Ant1\_2480\_30~1000

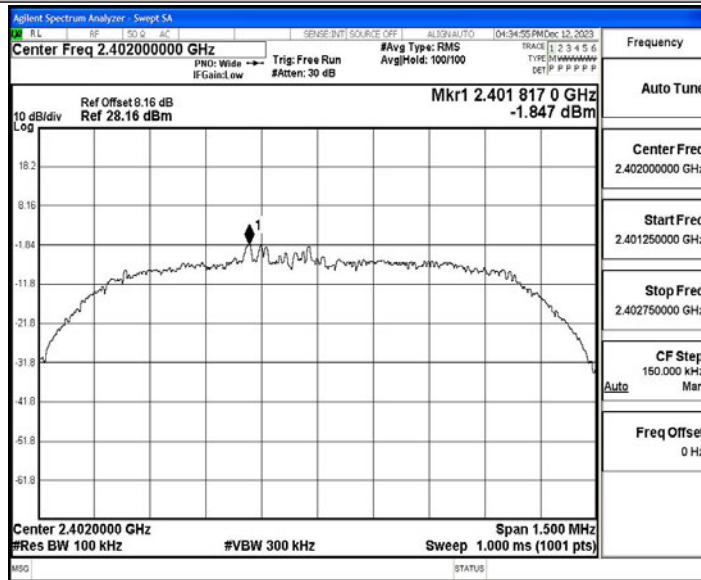


DH5\_Ant1\_2480\_1000~26500



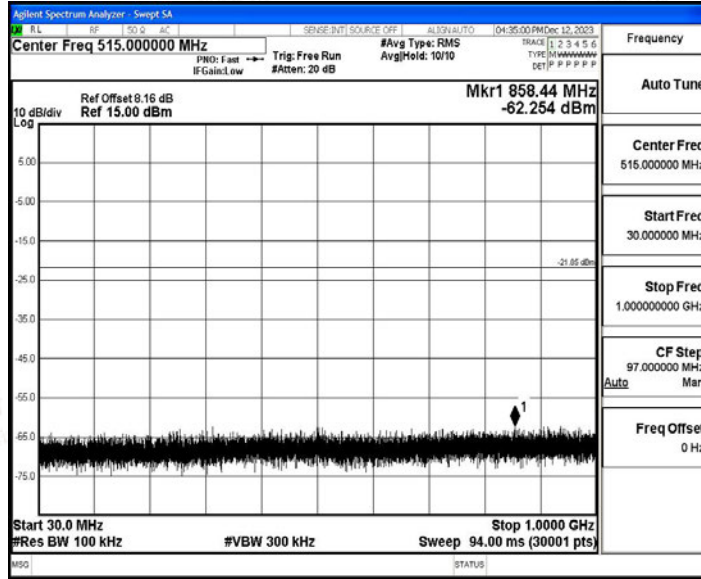


2DH5\_Ant1\_2402\_0~Reference

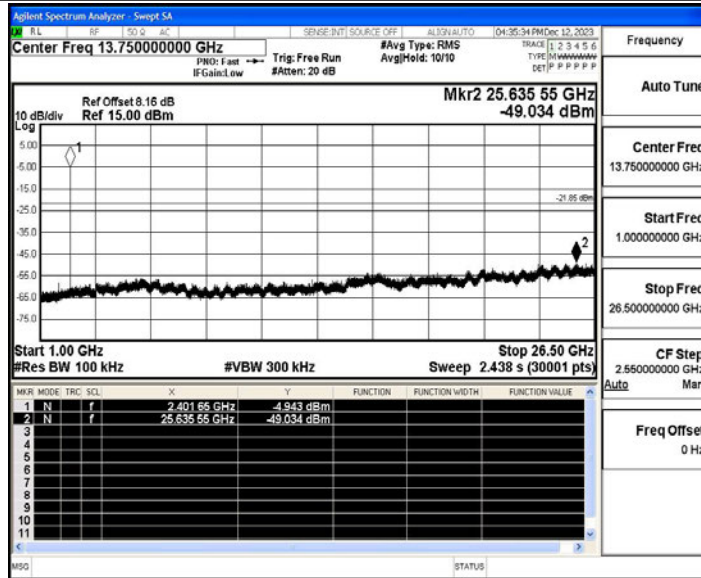


2DH5\_Ant1\_2402\_30~1000



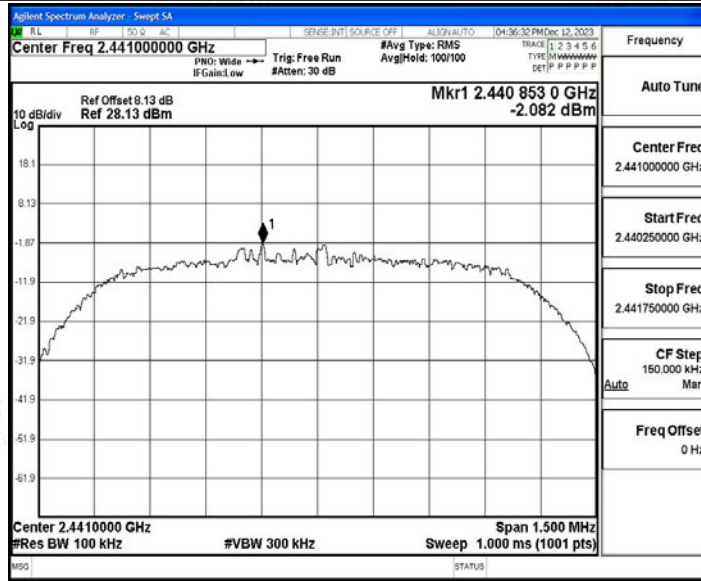


2DH5\_Ant1\_2402\_1000~26500

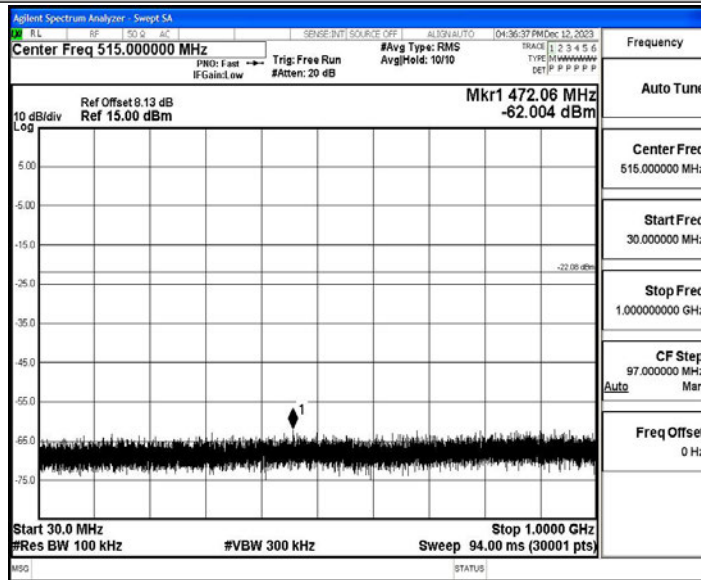


2DH5\_Ant1\_2441\_0~Reference



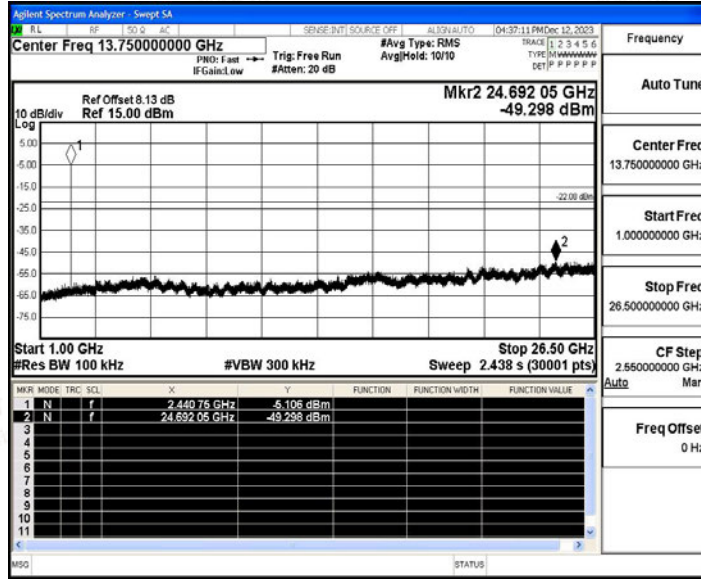


2DH5\_Ant1\_2441\_30~1000

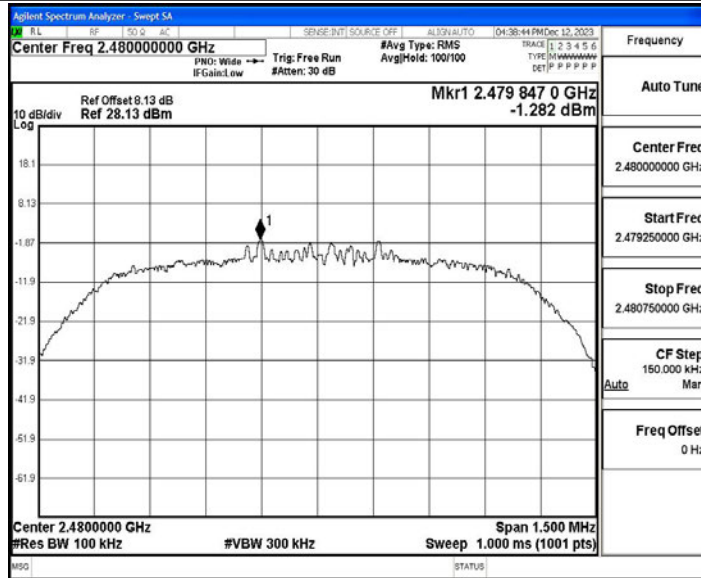


2DH5\_Ant1\_2441\_1000~26500



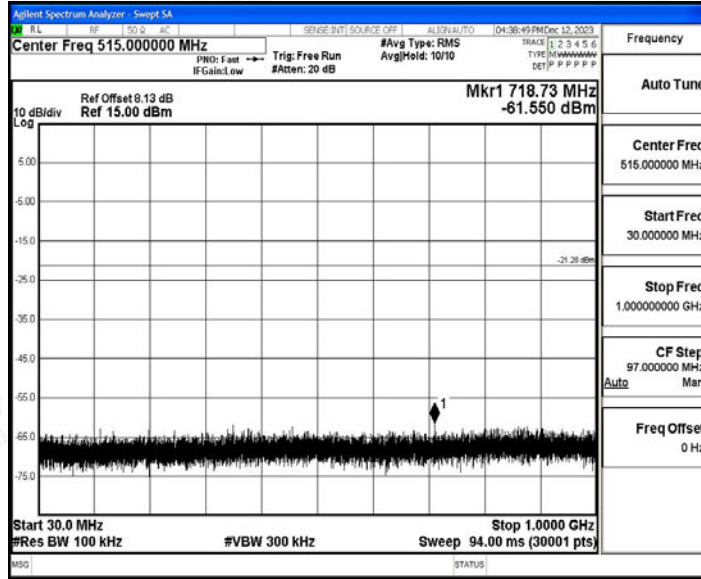


2DH5\_Ant1\_2480\_0~Reference

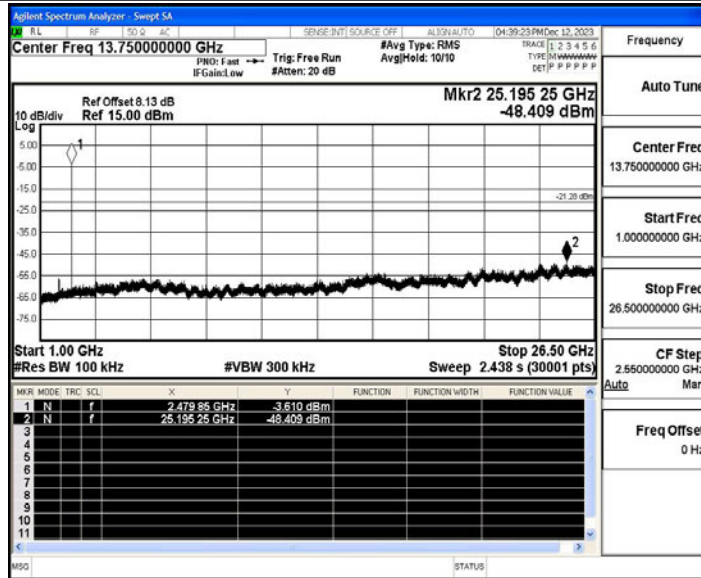


2DH5\_Ant1\_2480\_30~1000



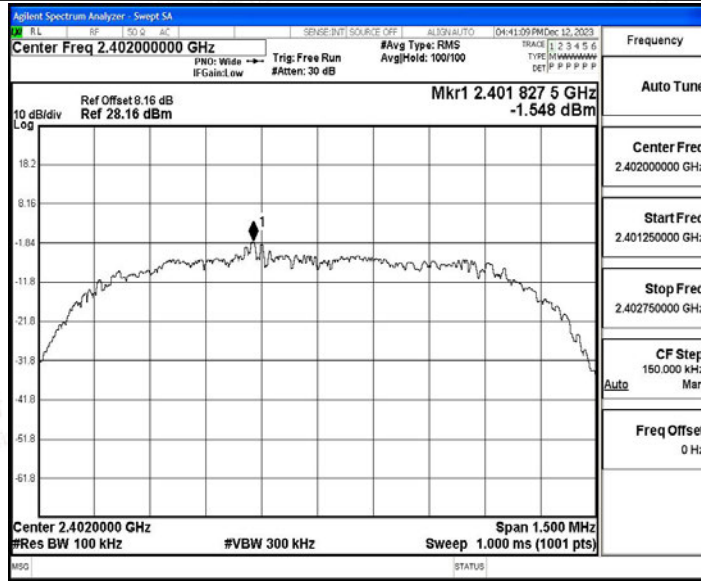


2DH5\_Ant1\_2480\_1000~26500

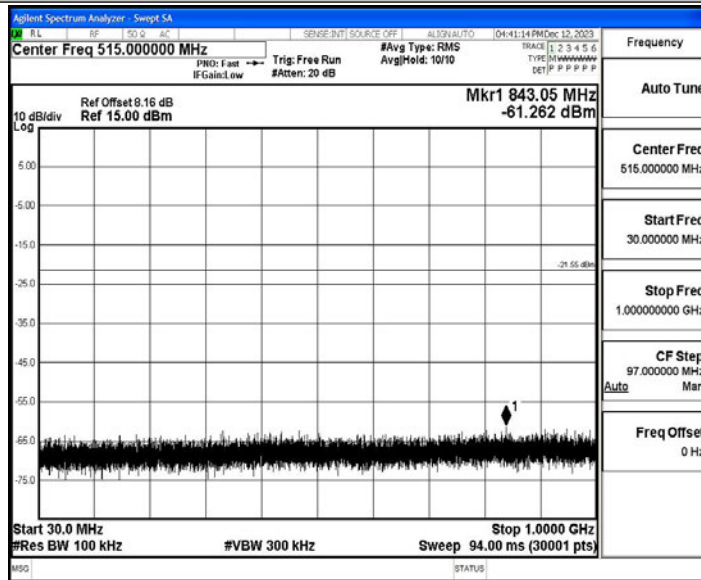


3DH5\_Ant1\_2402\_0~Reference





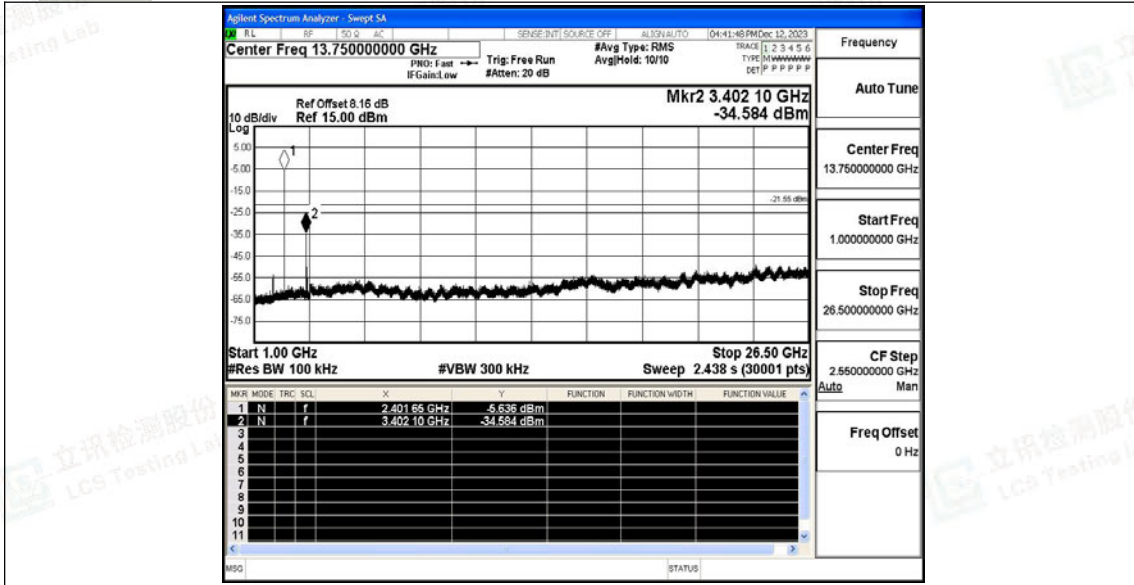
3DH5\_Ant1\_2402\_30~1000



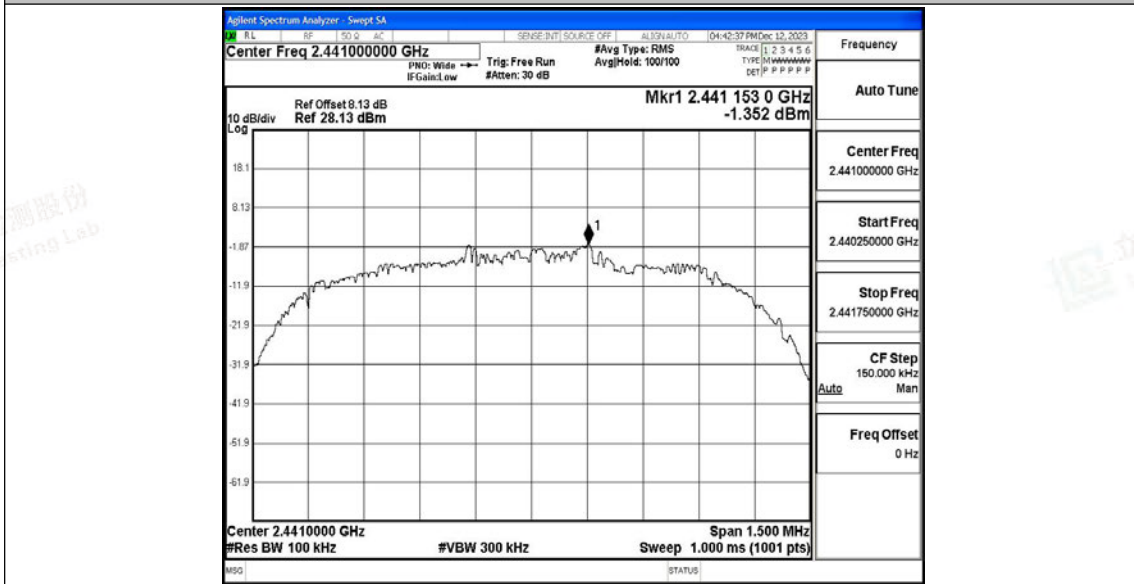
3DH5\_Ant1\_2402\_1000~26500





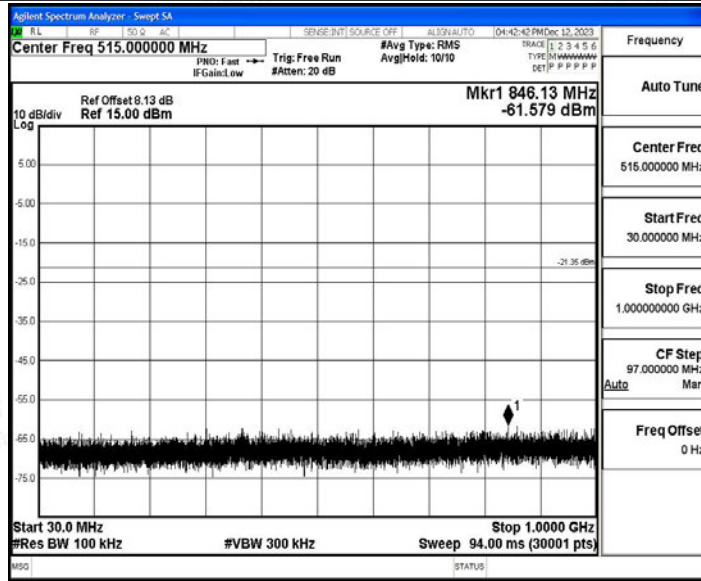


3DH5\_Ant1\_2441\_0~Reference

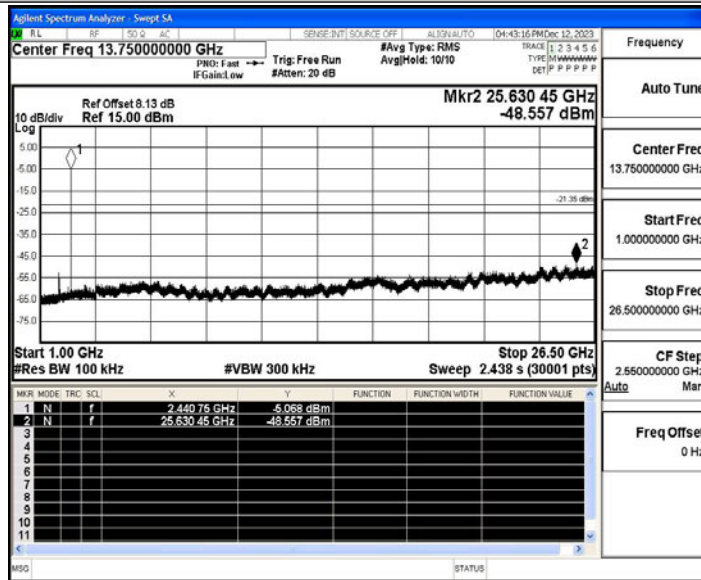


3DH5\_Ant1\_2441\_30~1000



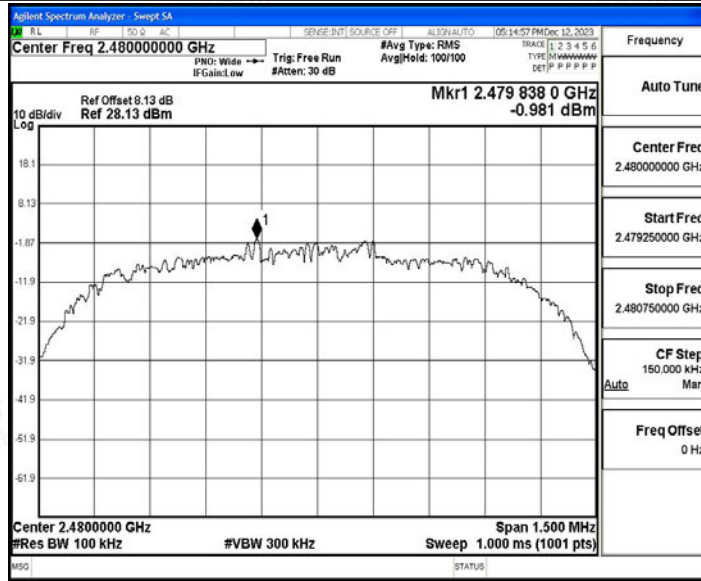


3DH5\_Ant1\_2441\_1000~26500

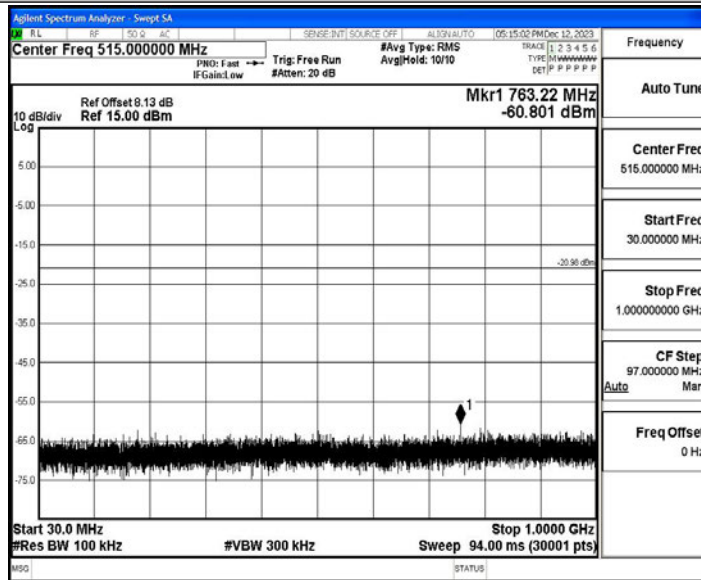


3DH5\_Ant1\_2480\_0~Reference



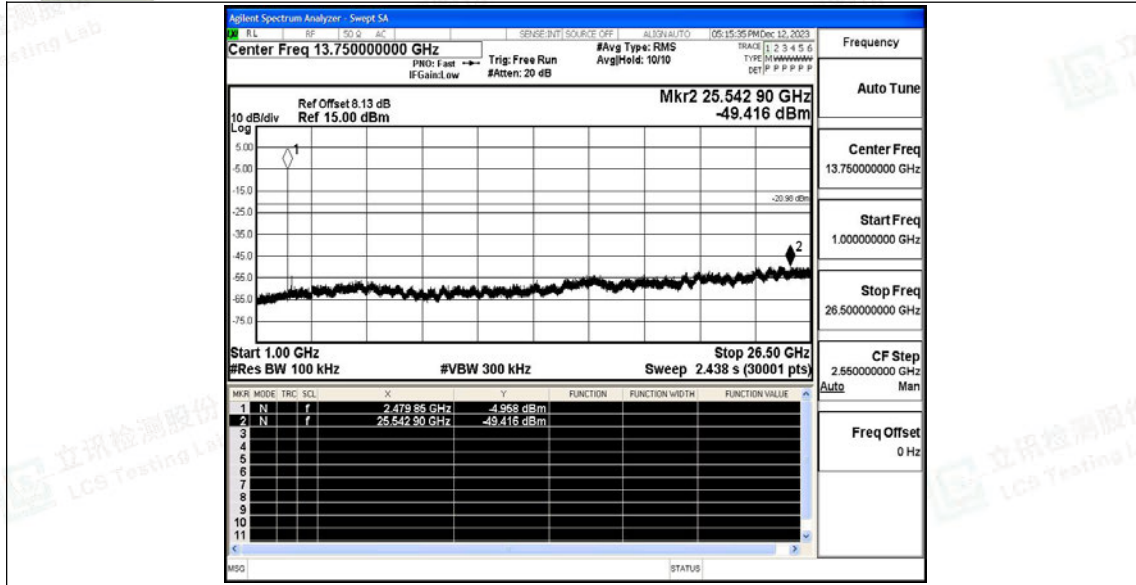


3DH5\_Ant1\_2480\_30~1000



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

