

## Appendix A

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

Product Name: TABLET PC

Trade Mark: KRONO

Test Model: NET K1032

FCC ID: 2AFD9NETK1032

### Environmental Conditions

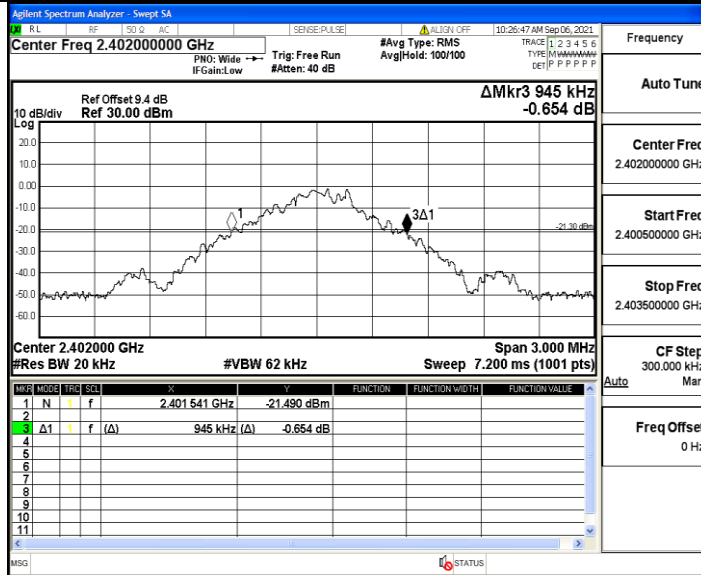
Temperature:	23.8℃
Relative Humidity:	51%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

#### A.1 20 dB Bandwidth

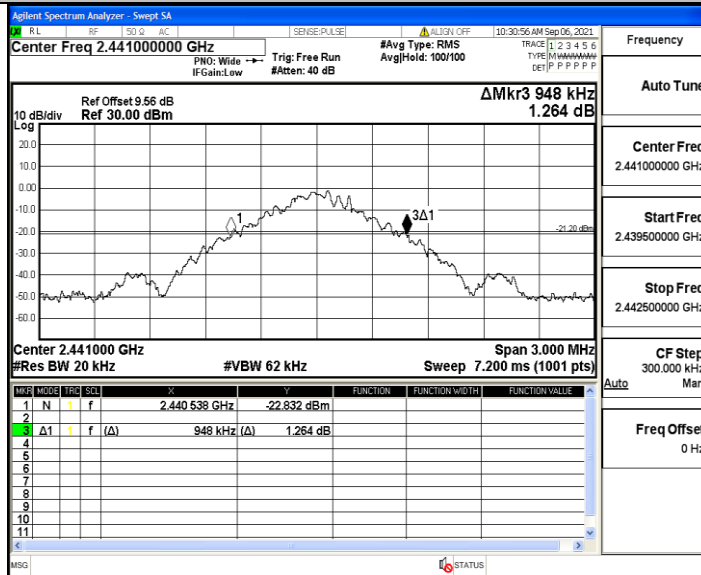
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.541	2402.486	---	PASS
		2441	0.948	2440.538	2441.486	---	PASS
		2480	0.945	2479.541	2480.486	---	PASS
2DH5	Ant1	2402	1.329	2401.337	2402.666	---	PASS
		2441	1.269	2440.367	2441.636	---	PASS
		2480	1.317	2479.340	2480.657	---	PASS
3DH5	Ant1	2402	1.299	2401.349	2402.648	---	PASS
		2441	1.269	2440.355	2441.624	---	PASS
		2480	1.269	2479.355	2480.624	---	PASS

Test Graph

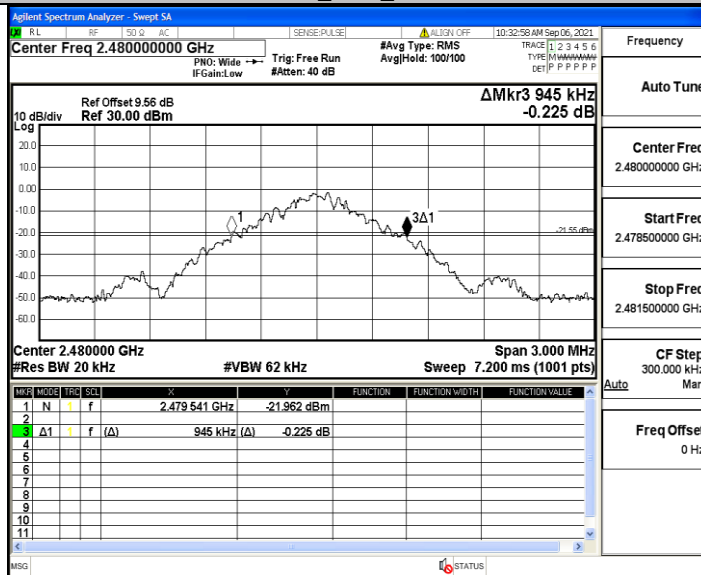
DH5\_Ant1\_2402



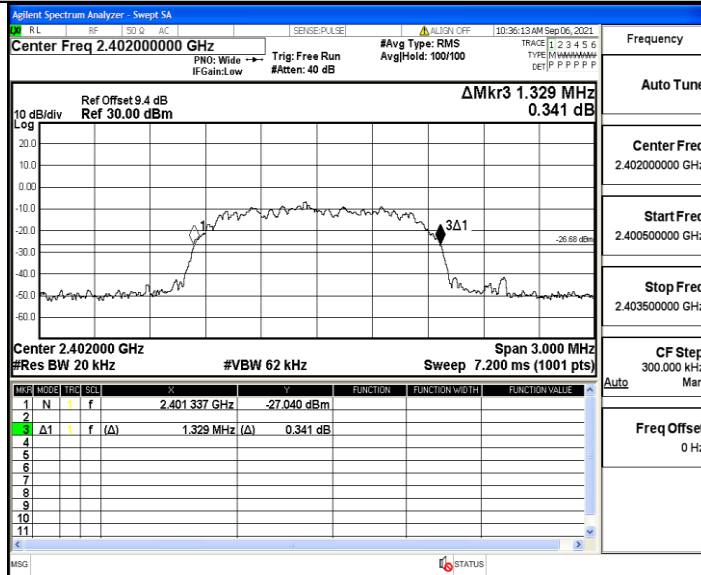
DH5\_Ant1\_2441



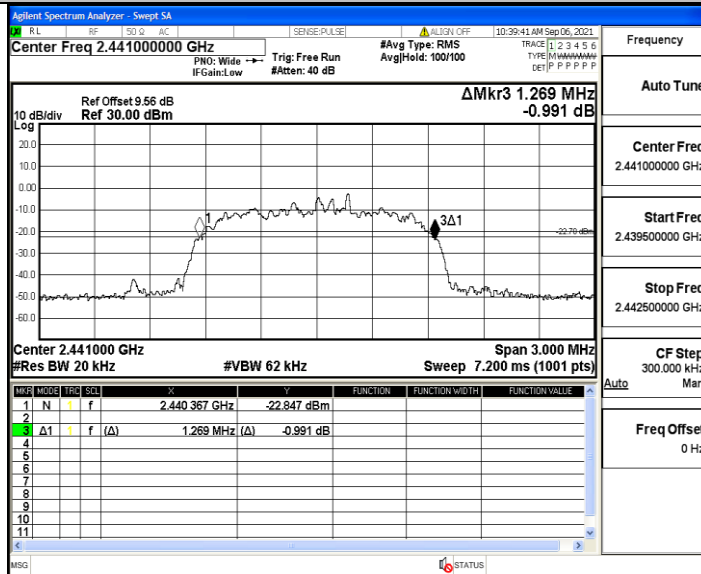
DH5\_Ant1\_2480



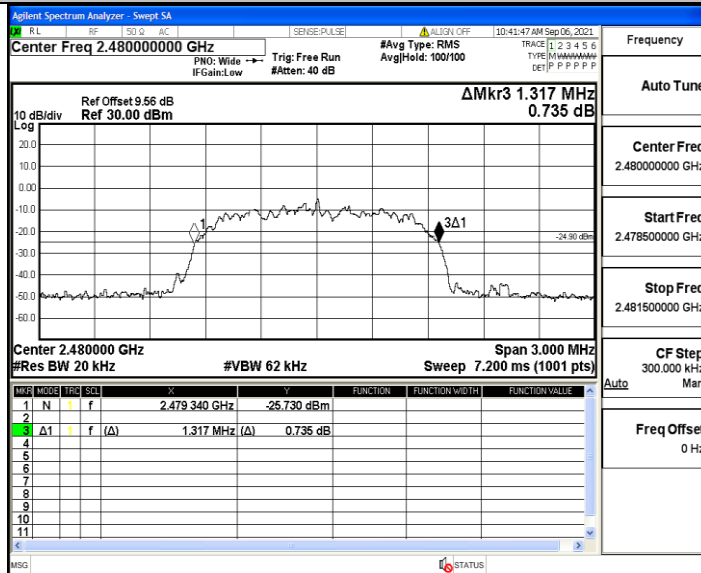
2DH5\_Ant1\_2402



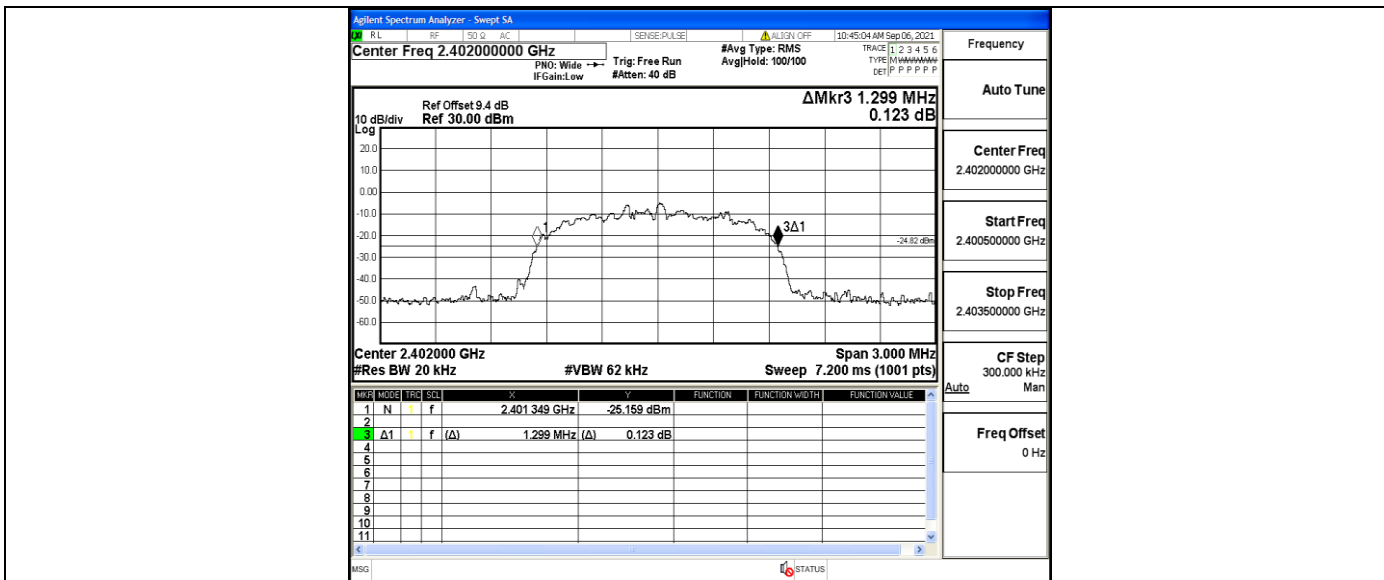
2DH5\_Ant1\_2441



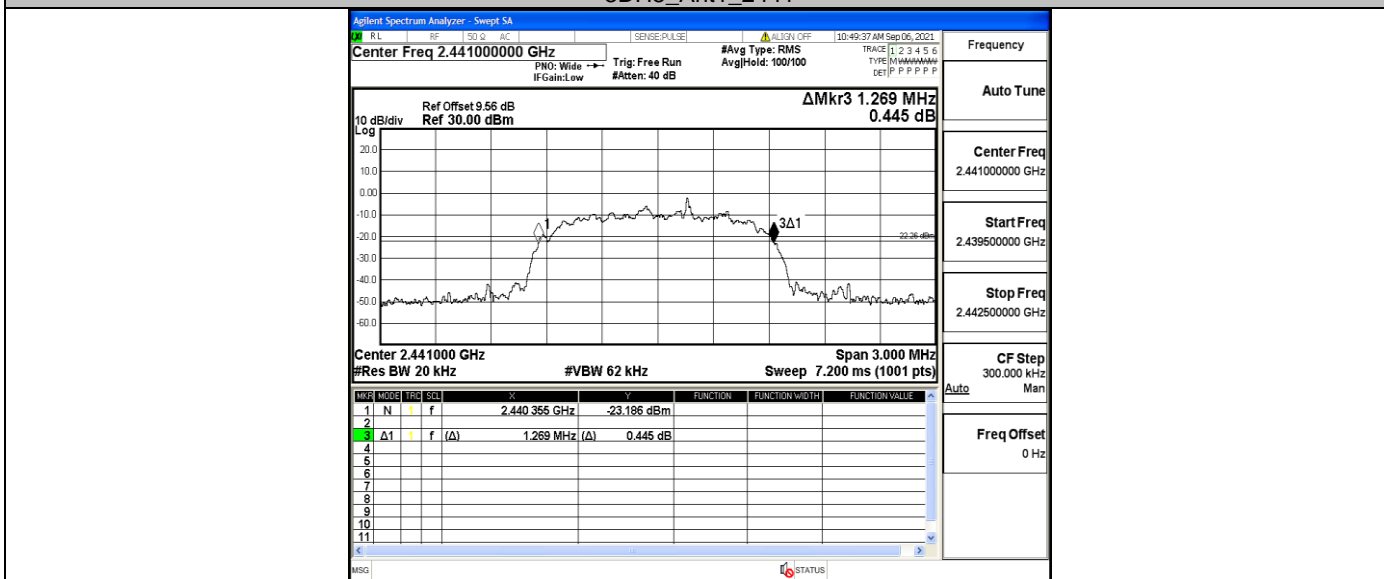
2DH5\_Ant1\_2480



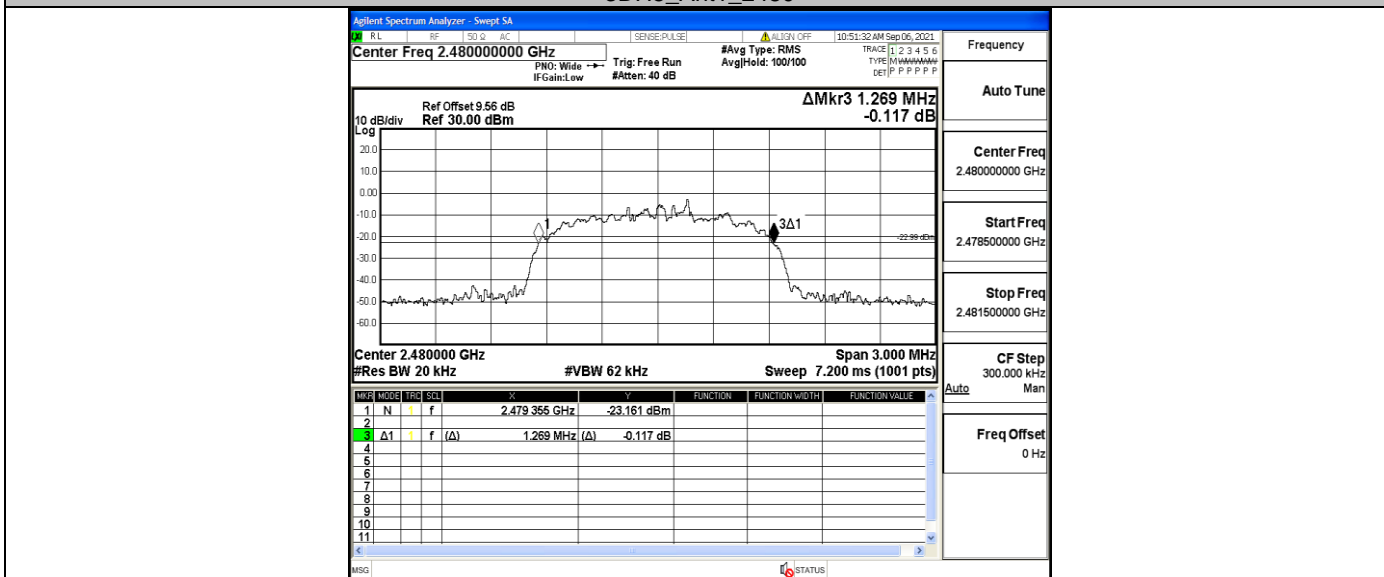
3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



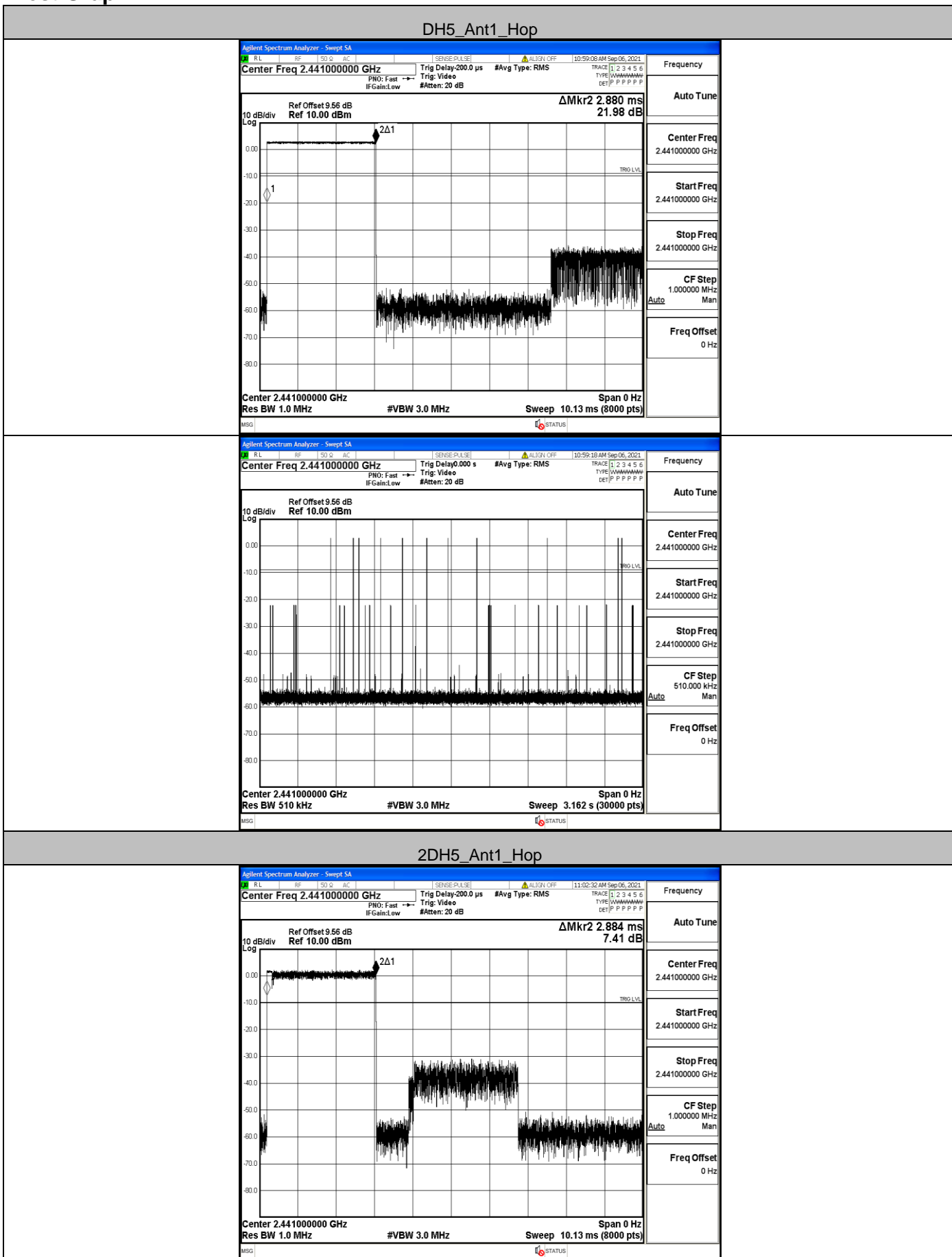
3DH5\_Ant1\_2480

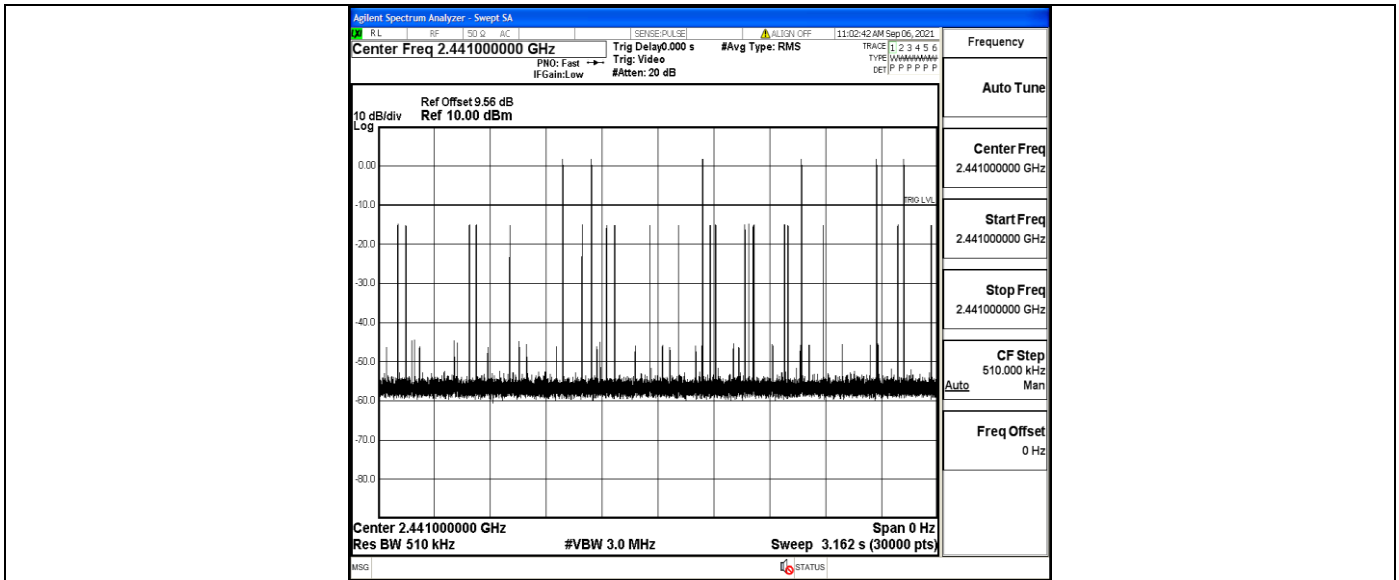


**A.2 Dwell Time**

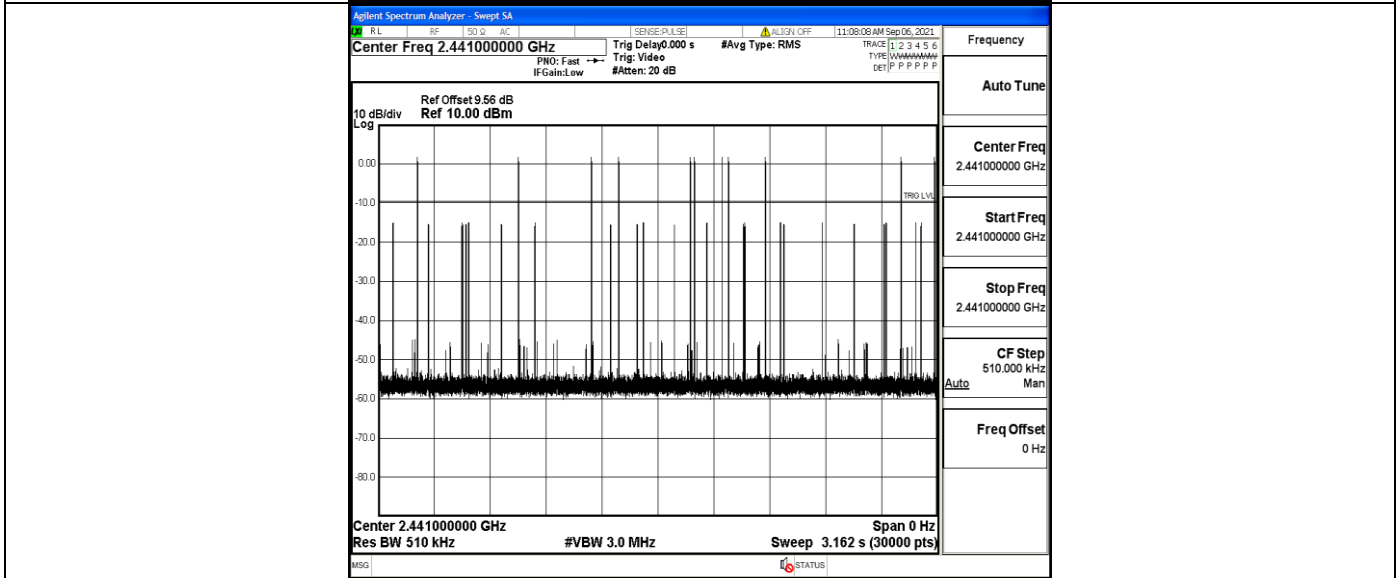
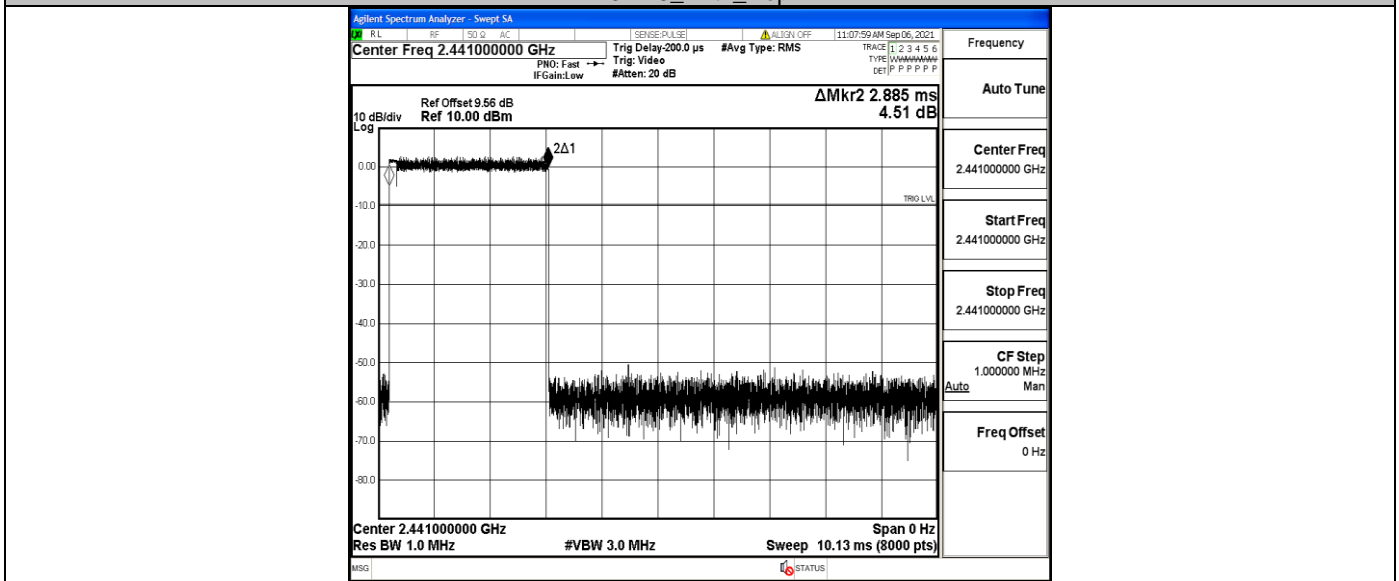
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	2.88	80	0.231	≤0.4	PASS
3DH5	Ant1	Hop	2.89	120	0.346	≤0.4	PASS

Test Graph





3DH5\_Ant1\_Hop



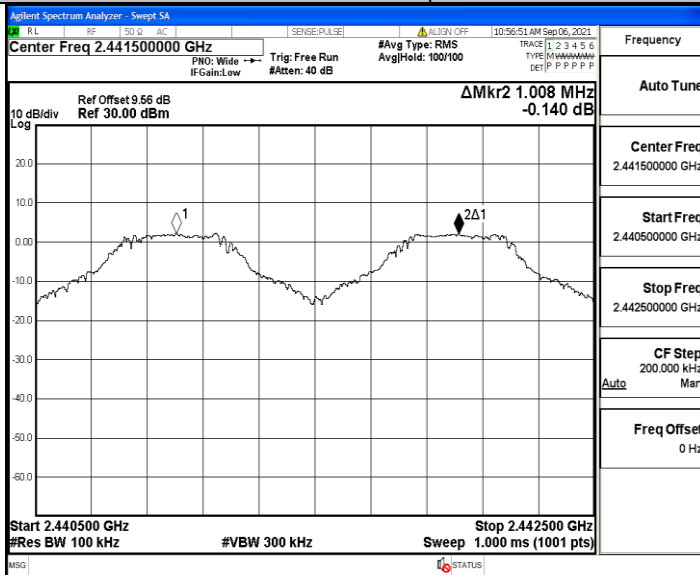
### A.3 Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	$\geq 0.948$	PASS
2DH5	Ant1	Hop	1.032	$\geq 0.886$	PASS
3DH5	Ant1	Hop	1.002	$\geq 0.866$	PASS

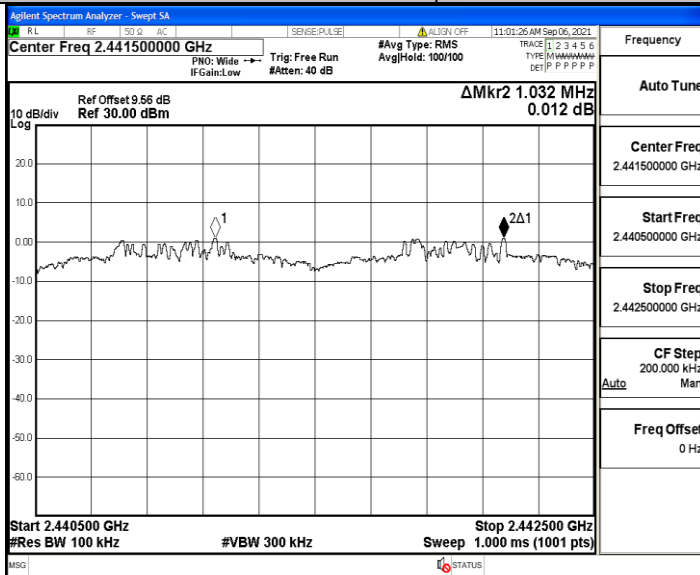


### Test Graph

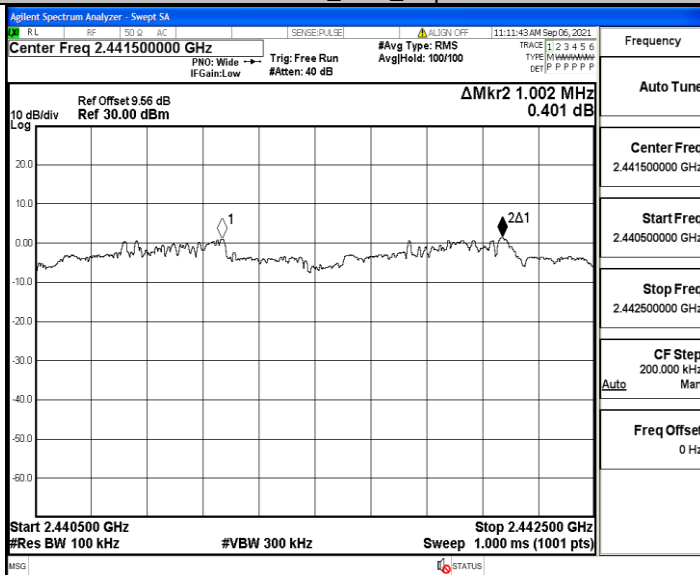
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



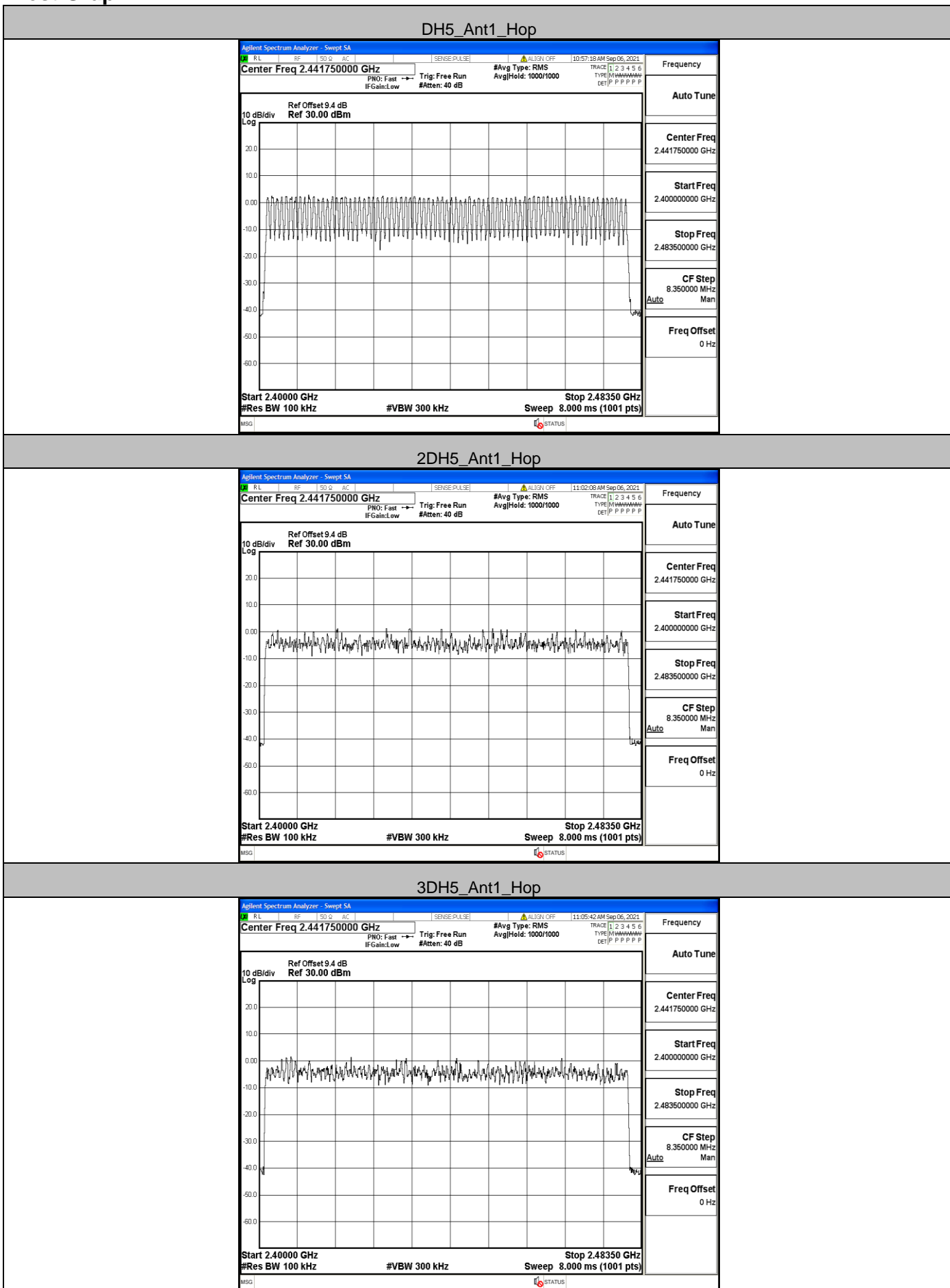
3DH5\_Ant1\_Hop



**A.4 Hopping Channel Number**

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 Graph

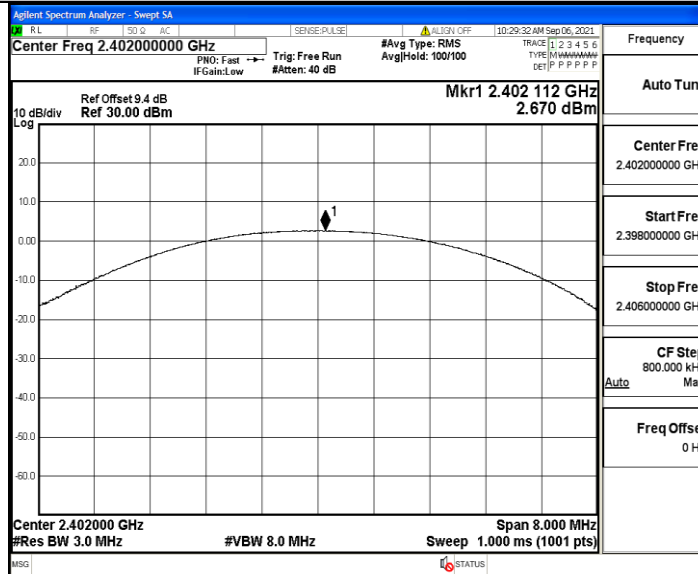


**A.5 Conducted Peak Output Power**

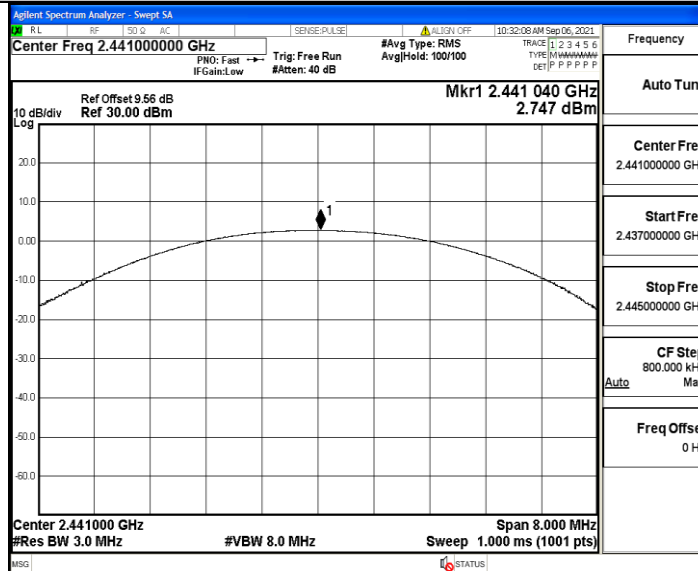
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.67	≤30	PASS
		2441	2.75	≤30	PASS
		2480	2.78	≤30	PASS
2DH5	Ant1	2402	2.32	≤20.97	PASS
		2441	2.53	≤20.97	PASS
		2480	2.1	≤20.97	PASS
3DH5	Ant1	2402	2.84	≤20.97	PASS
		2441	2.94	≤20.97	PASS
		2480	2.8	≤20.97	PASS

### Test Graph

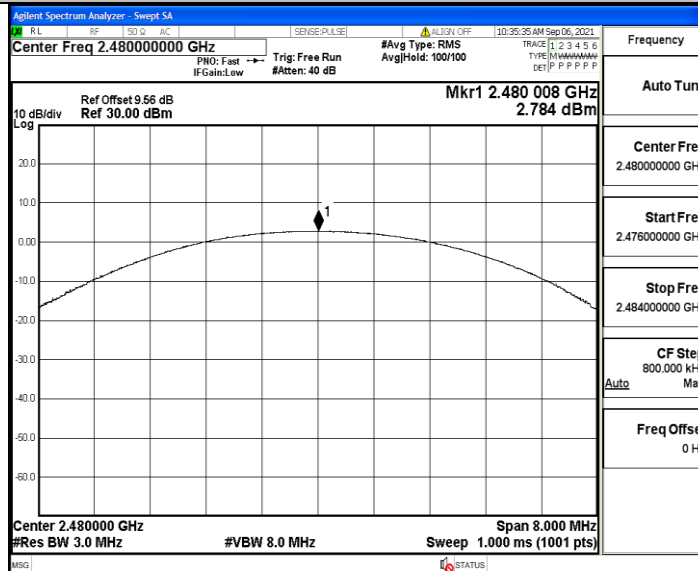
DH5\_Ant1\_2402



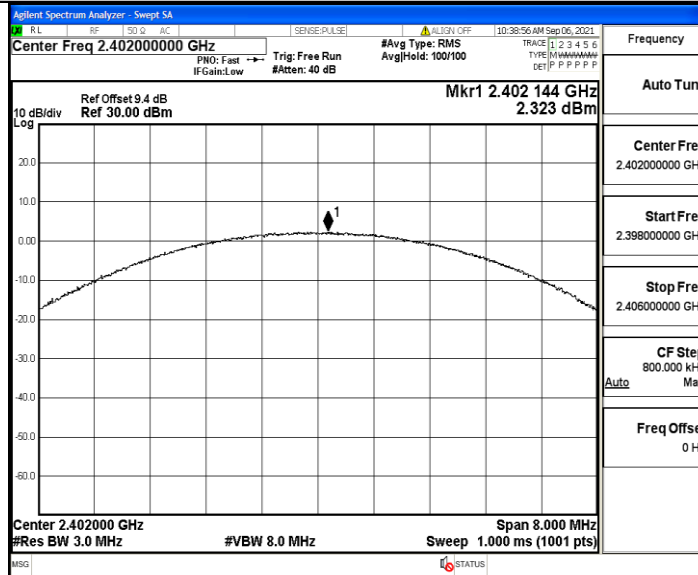
DH5\_Ant1\_2441



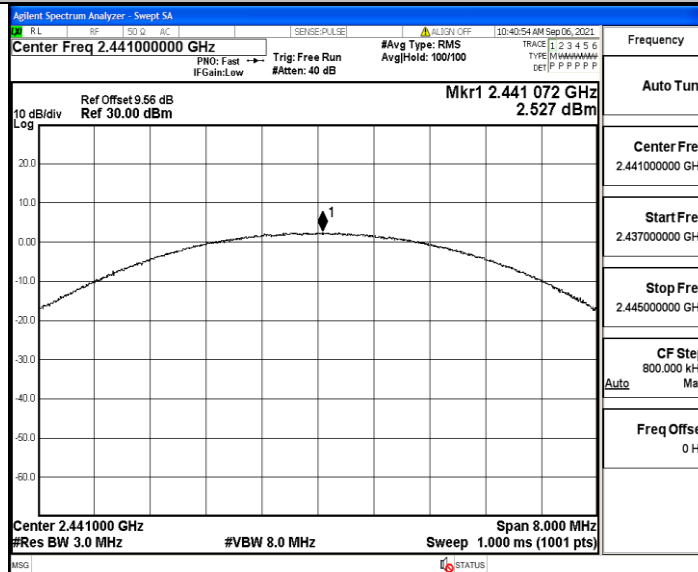
DH5\_Ant1\_2480



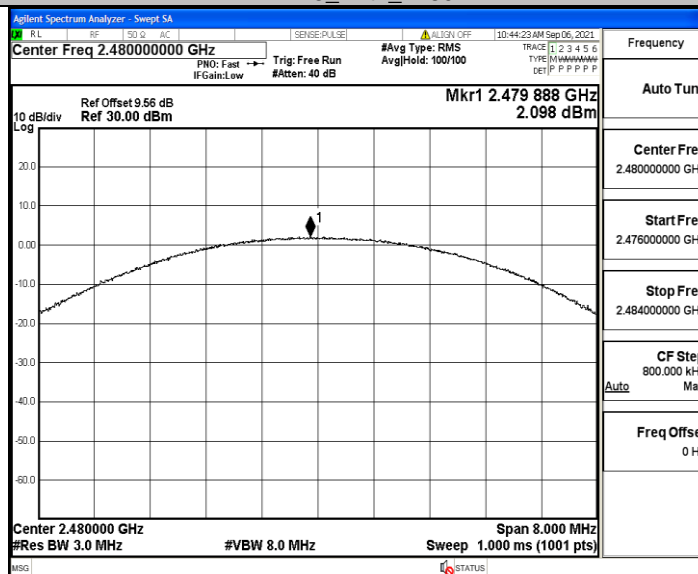
2DH5\_Ant1\_2402



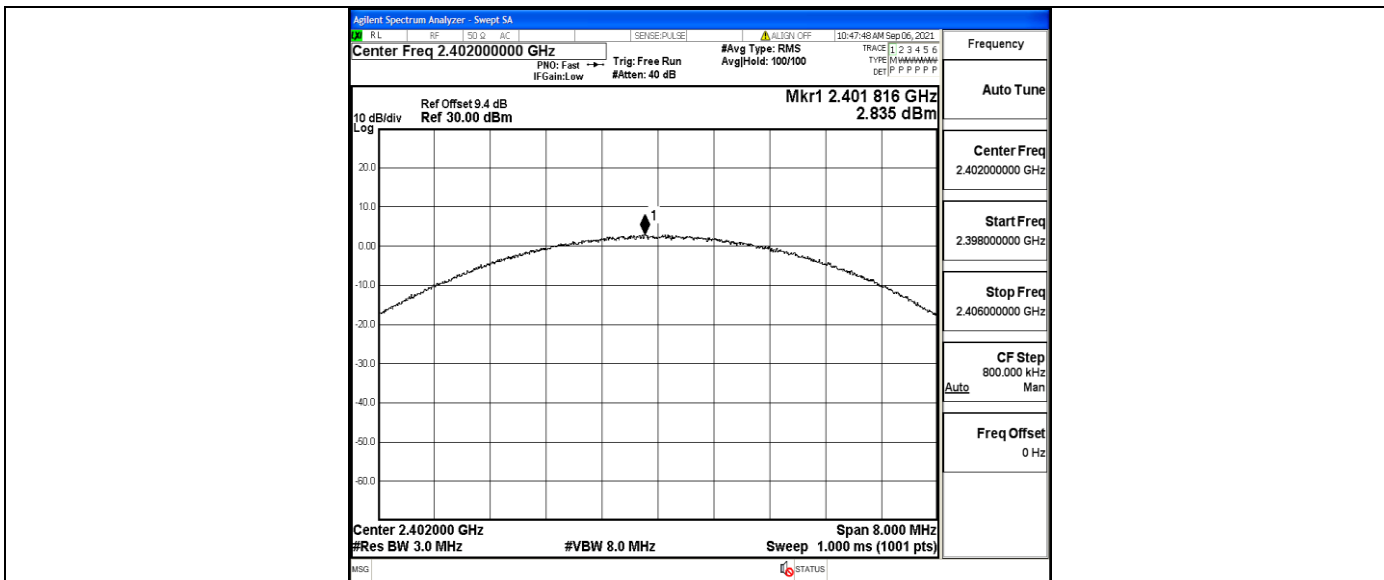
2DH5\_Ant1\_2441



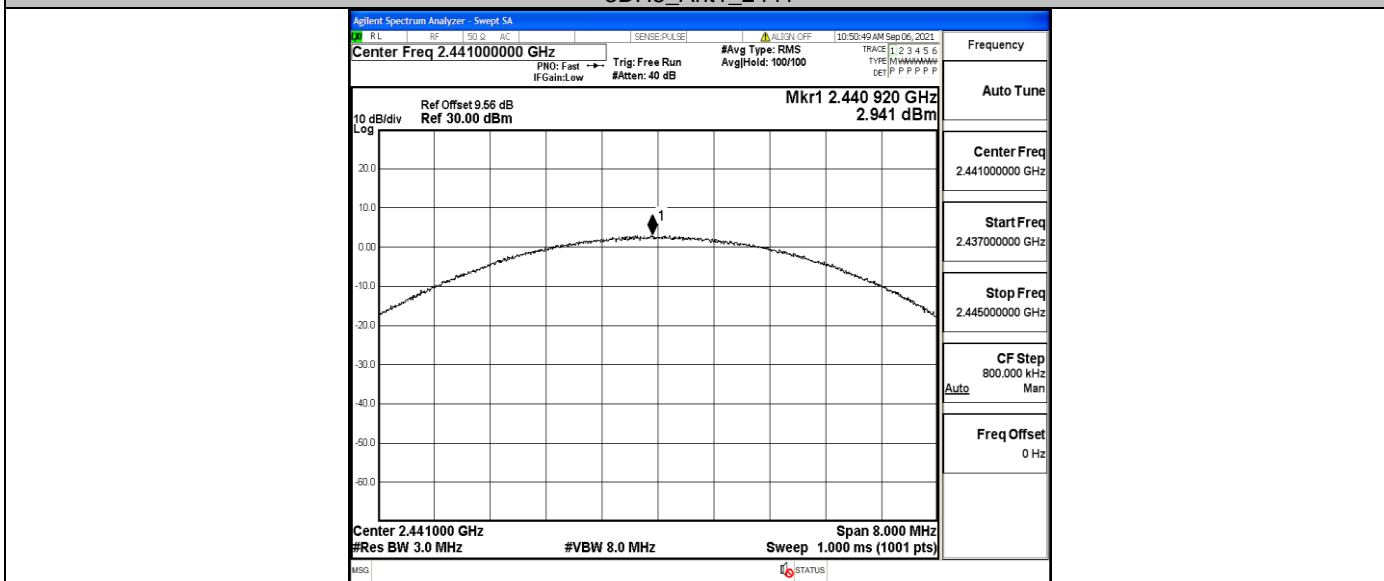
2DH5\_Ant1\_2480



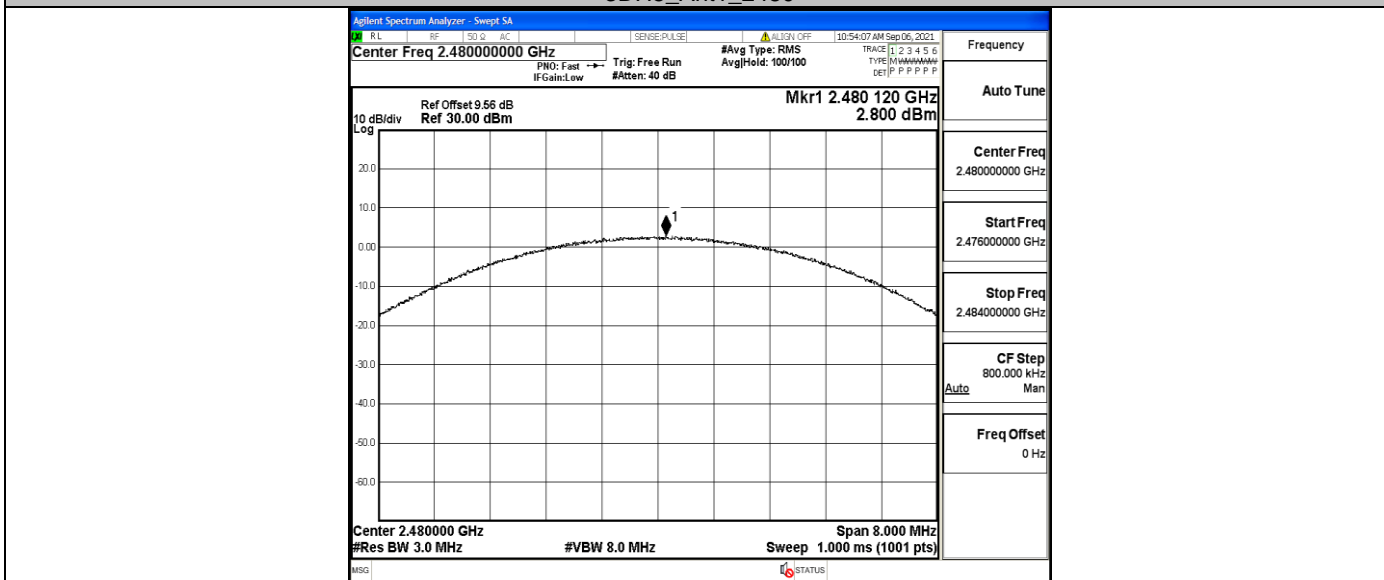
3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



3DH5\_Ant1\_2480



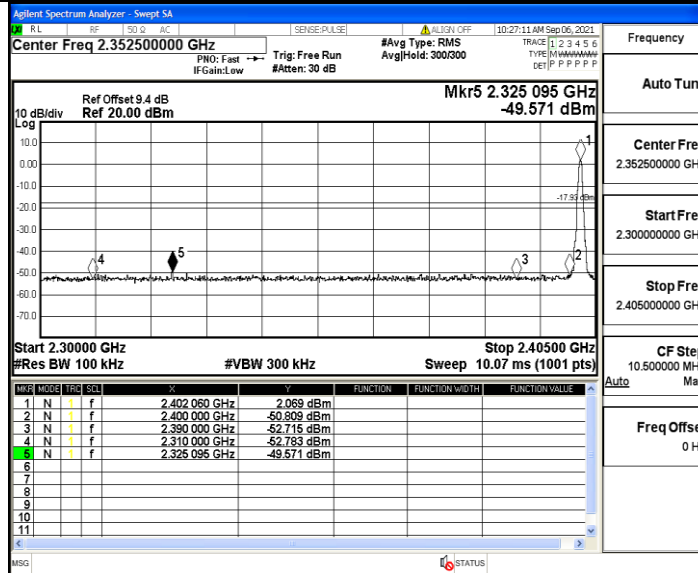
**A.6 Band-edge for RF Conducted Emissions**

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.07	-49.57	≤-17.93	PASS
		High	2480	1.92	-48.64	≤-18.08	PASS
		Low	Hop_2402	1.74	-49.64	≤-18.26	PASS
		High	Hop_2480	1.78	-48.31	≤-18.22	PASS
2DH5	Ant1	Low	2402	0.99	-50.09	≤-19.01	PASS
		High	2480	0.19	-49.29	≤-19.81	PASS
		Low	Hop_2402	-3.17	-49.66	≤-23.17	PASS
		High	Hop_2480	0.96	-48.25	≤-19.04	PASS
3DH5	Ant1	Low	2402	0.59	-49.65	≤-19.41	PASS
		High	2480	0.46	-47.85	≤-19.54	PASS
		Low	Hop_2402	-3.05	-50.12	≤-23.05	PASS
		High	Hop_2480	1.10	-49.17	≤-18.9	PASS

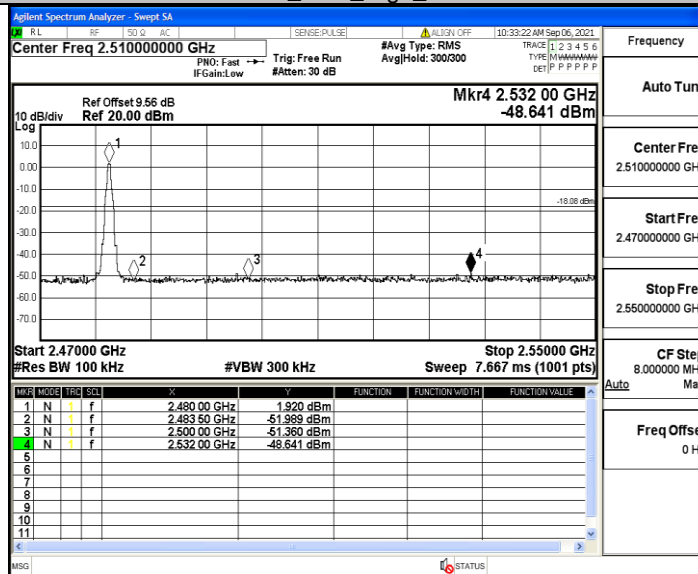


Test Graph

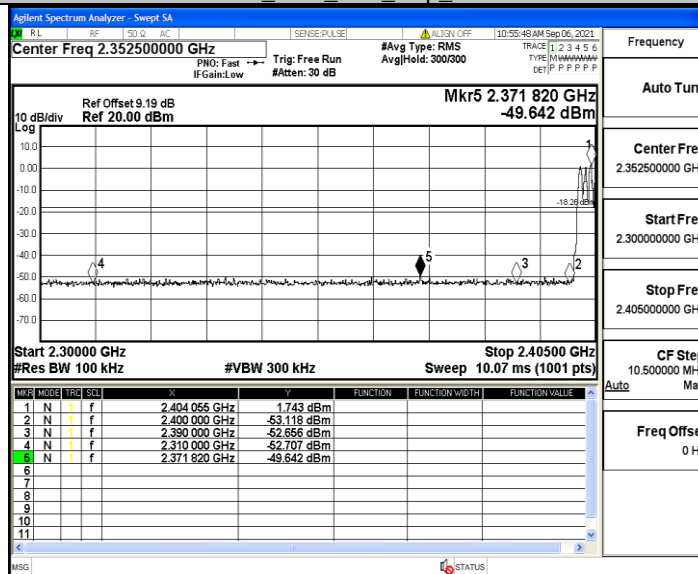
DH5\_Ant1\_Low\_2402



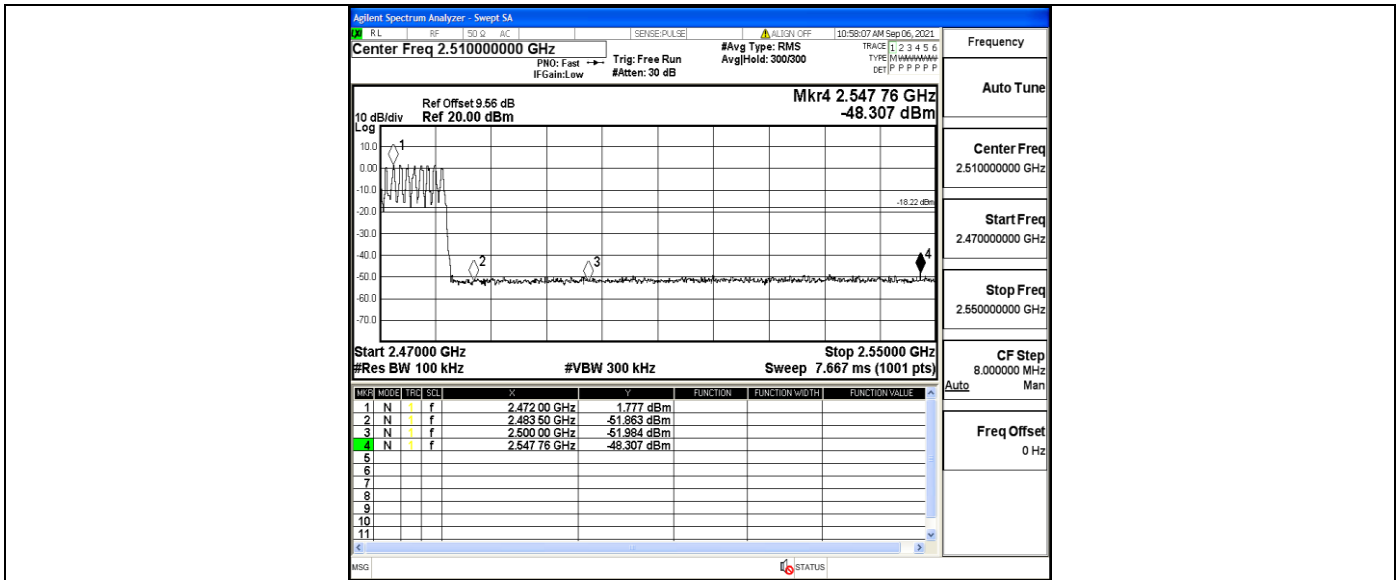
DH5\_Ant1\_High\_2480



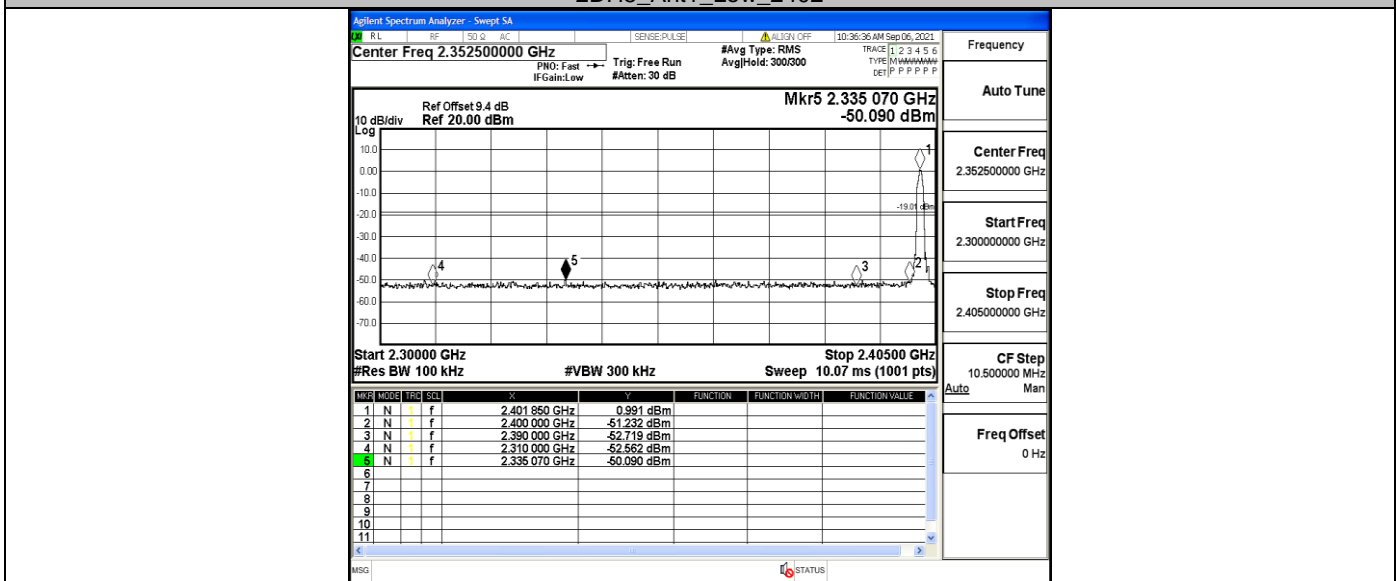
DH5\_Ant1\_Low\_Hop\_2402



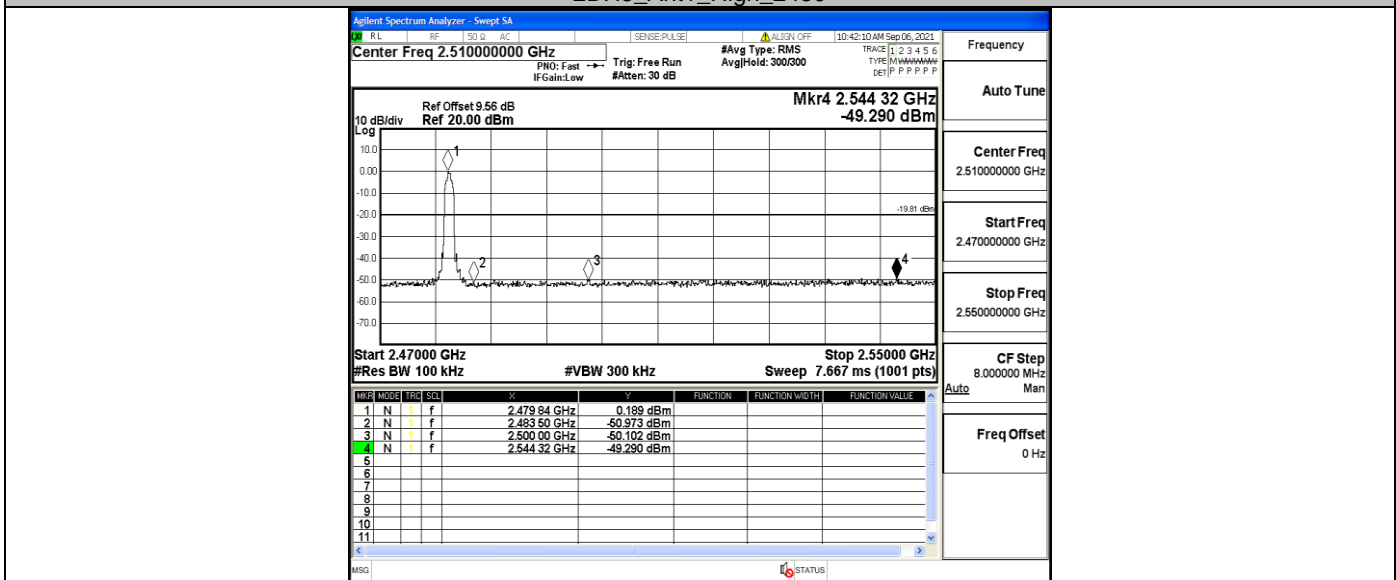
DH5\_Ant1\_High\_Hop\_2480



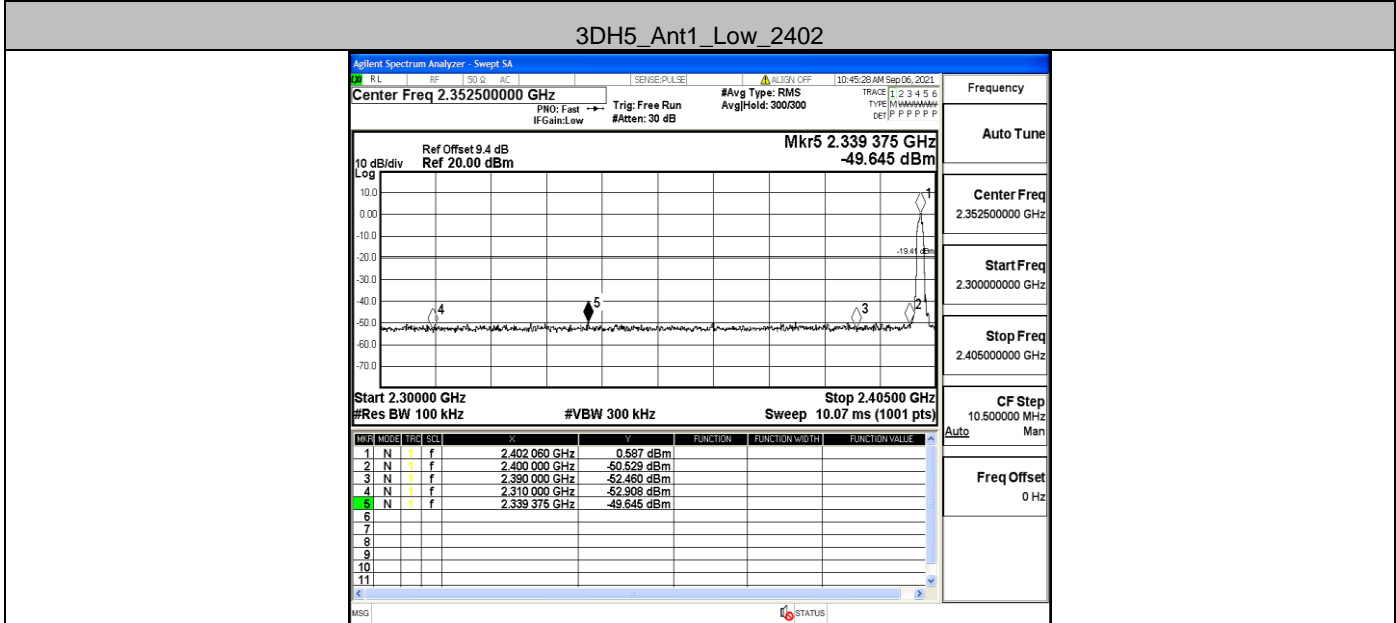
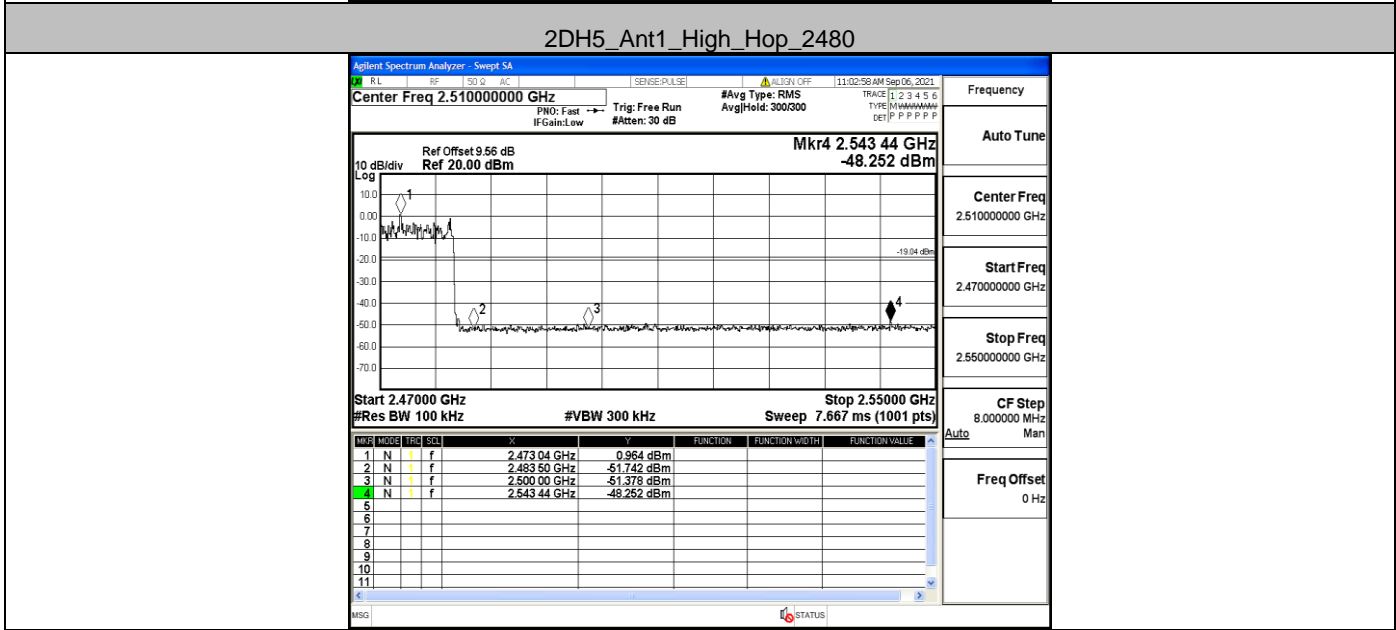
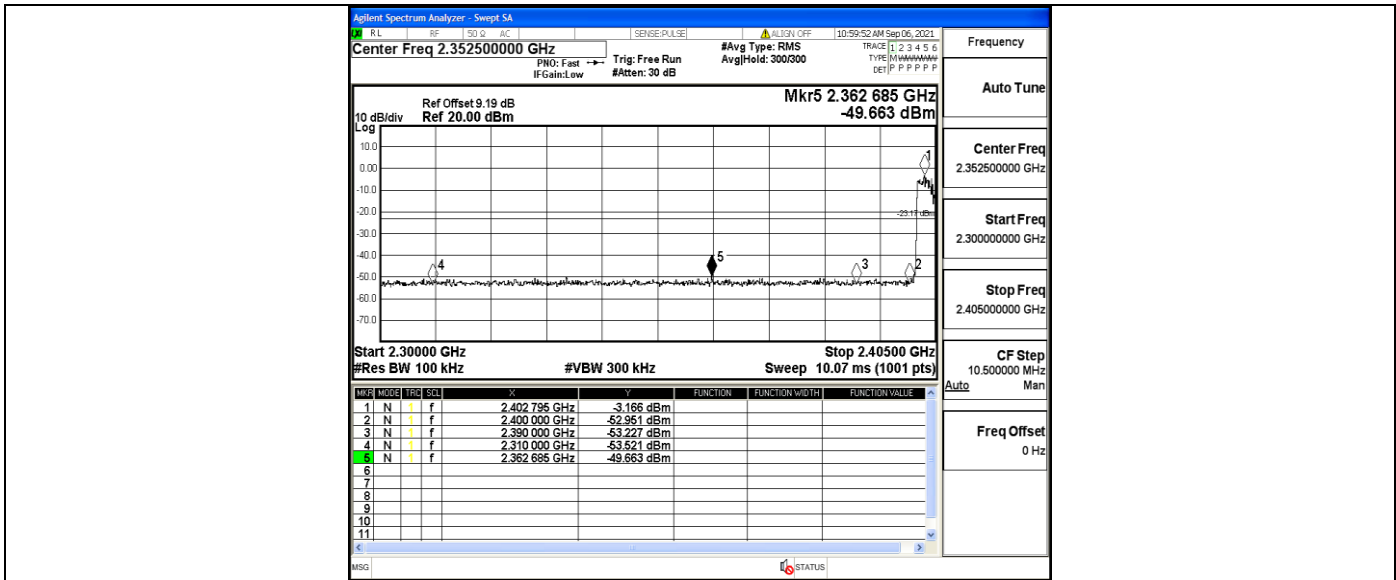
2D5\_Ant1\_Low\_2402

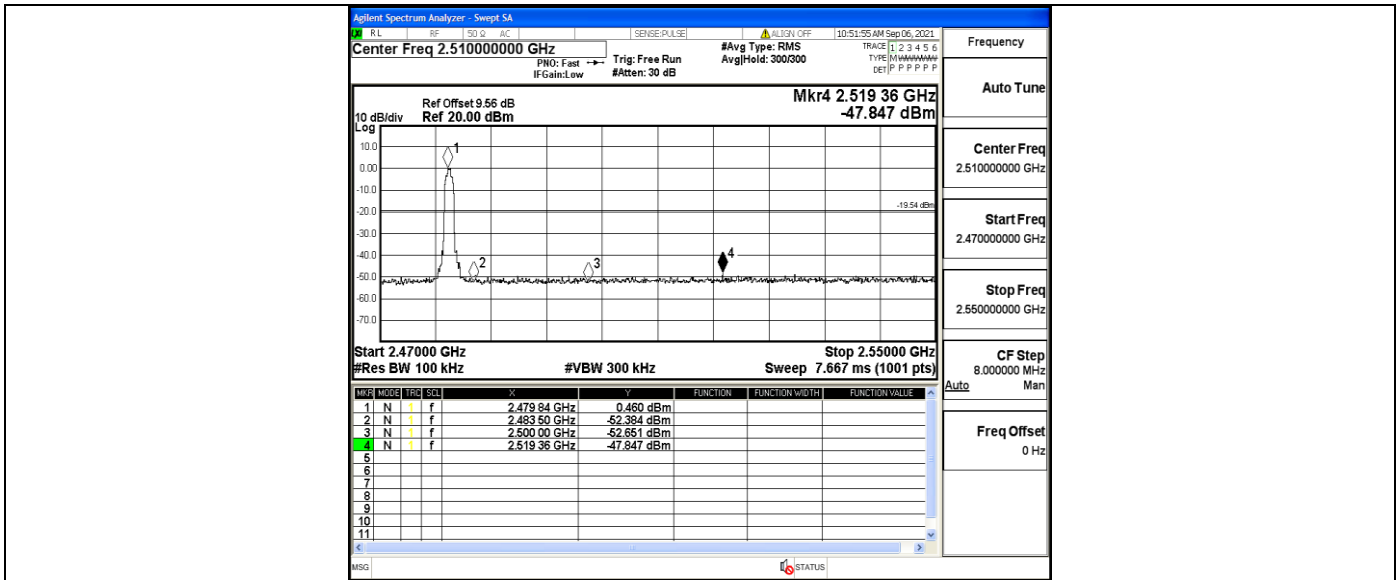


2D5\_Ant1\_High\_2480

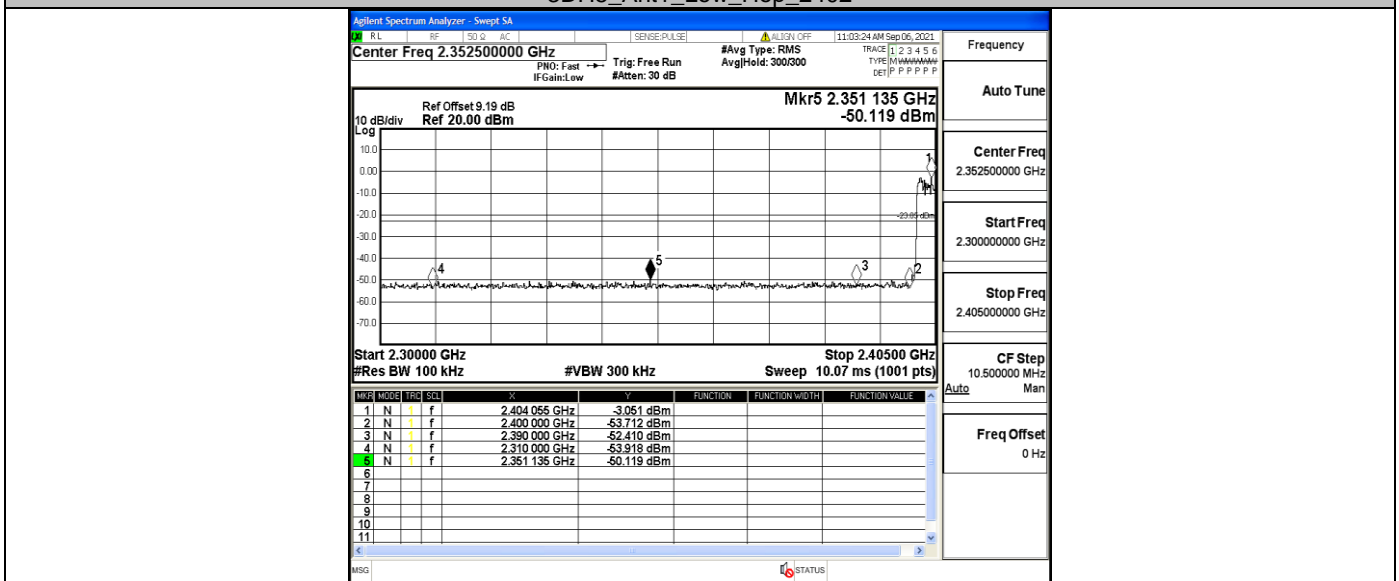


2D5\_Ant1\_Low\_Hop\_2402

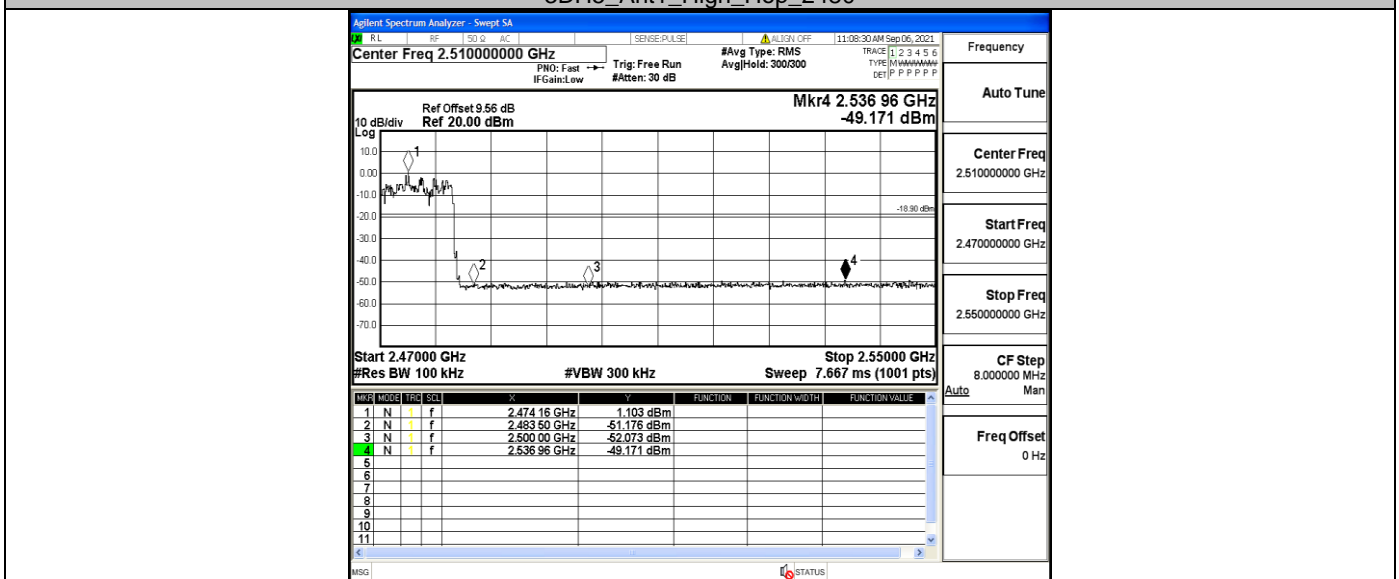




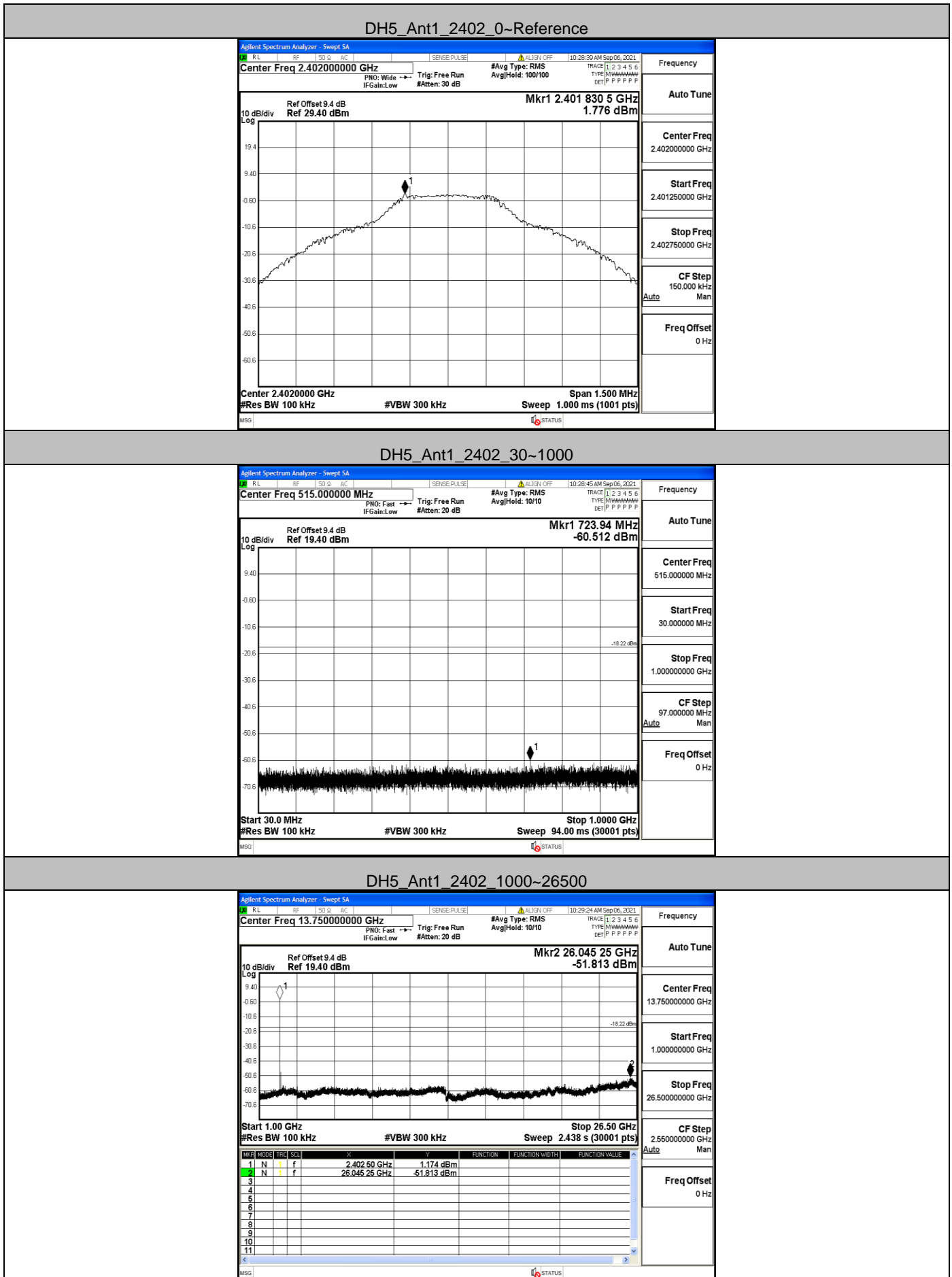
3DH5\_Ant1\_Low\_Hop\_2402



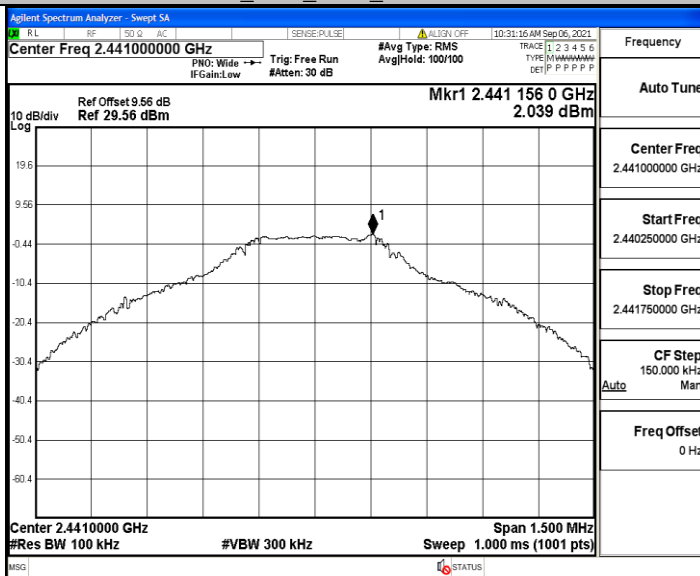
3DH5\_Ant1\_High\_Hop\_2480



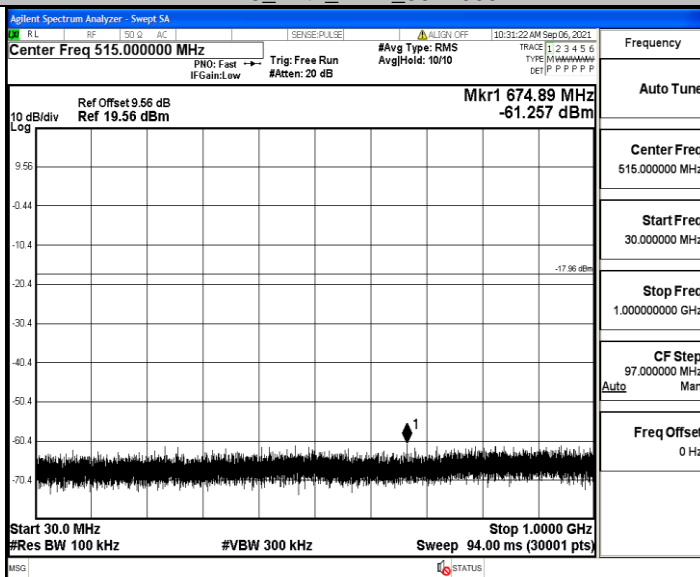
### A.7 RF Conducted Spurious Emissions



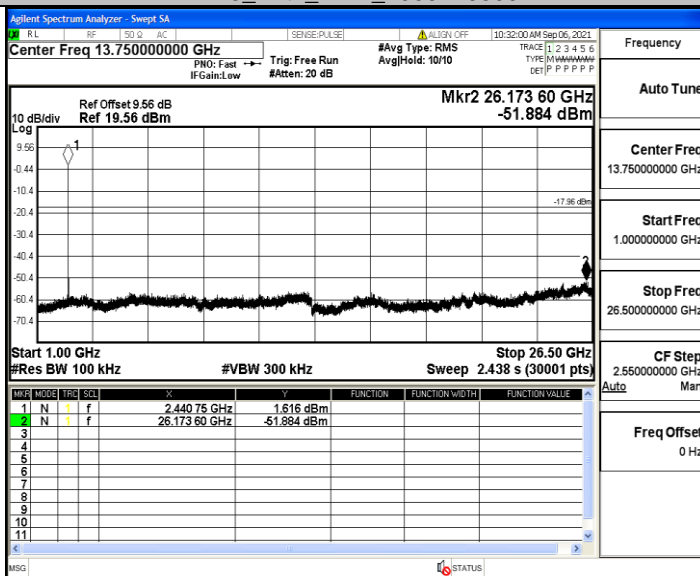
DH5\_Ant1\_2441\_0~Reference



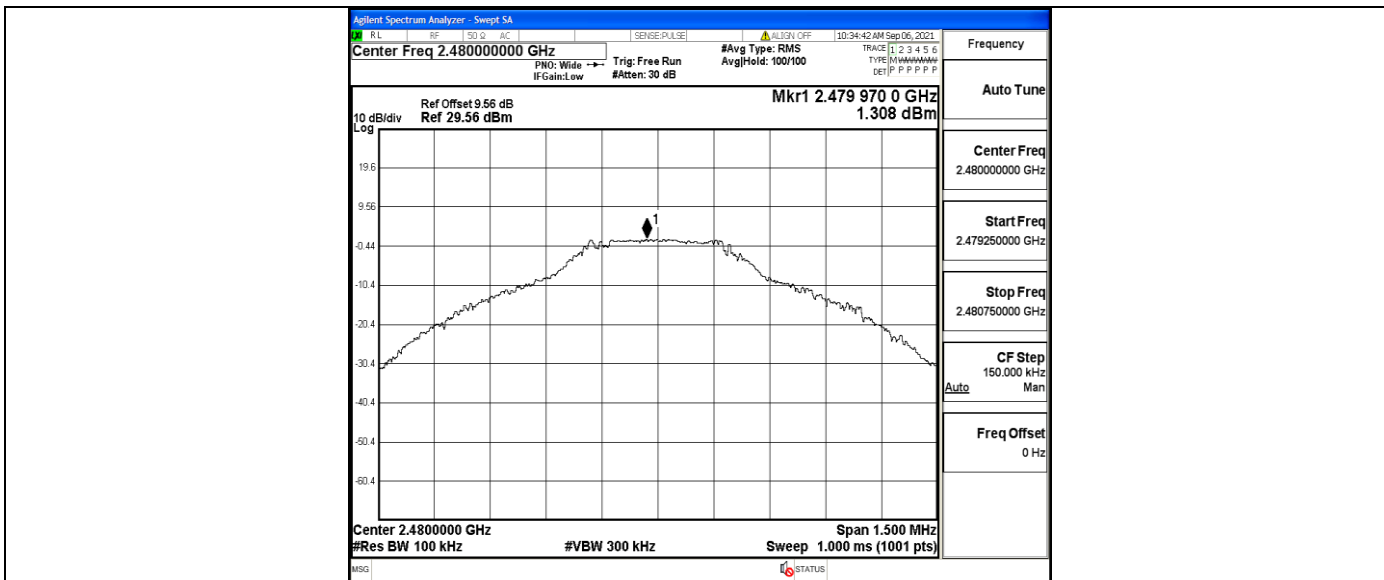
DH5\_Ant1\_2441\_30~1000



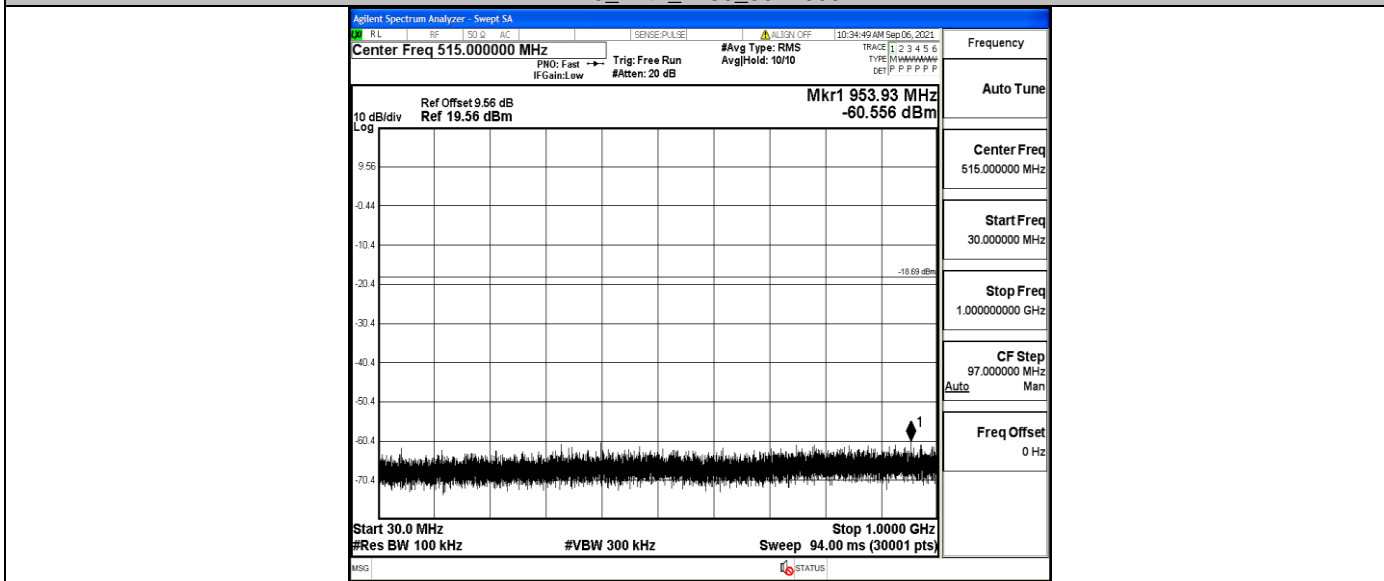
DH5\_Ant1\_2441\_1000~26500



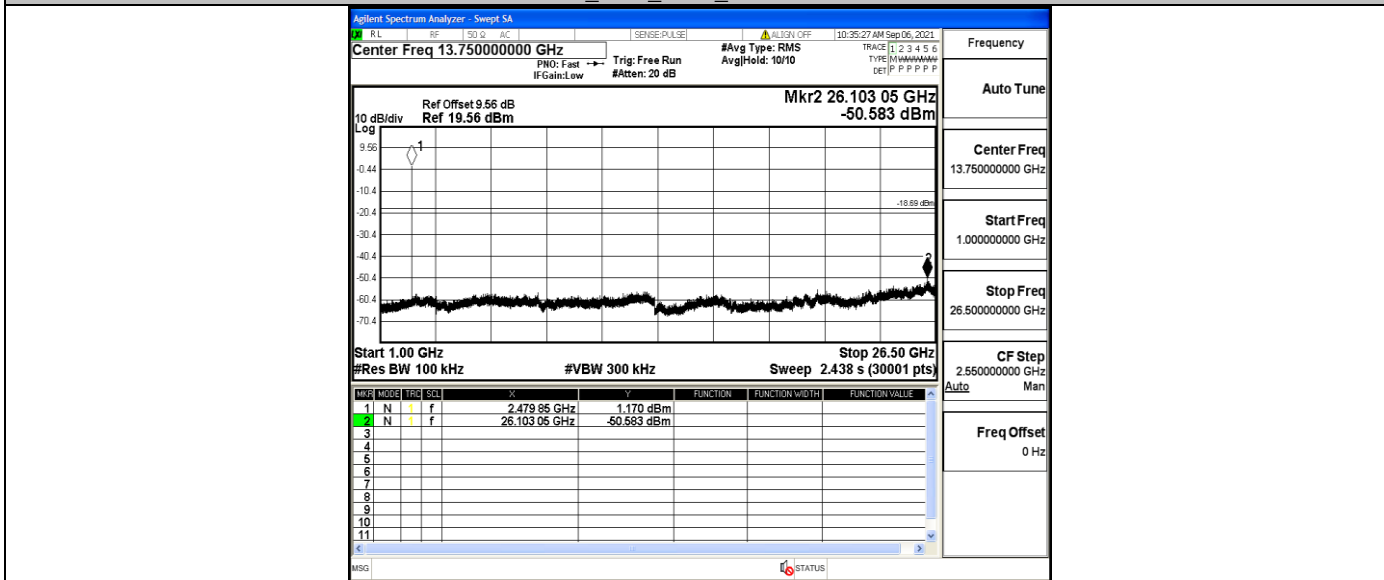
DH5\_Ant1\_2480\_0~Reference



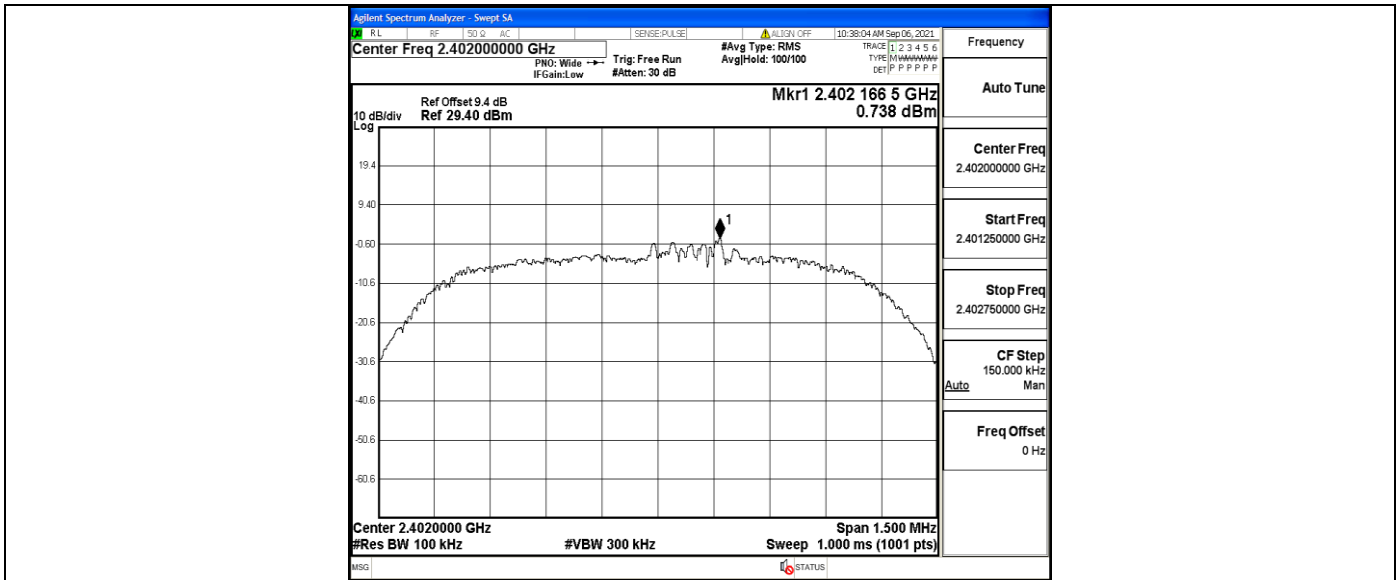
DH5\_Ant1\_2480\_30~1000



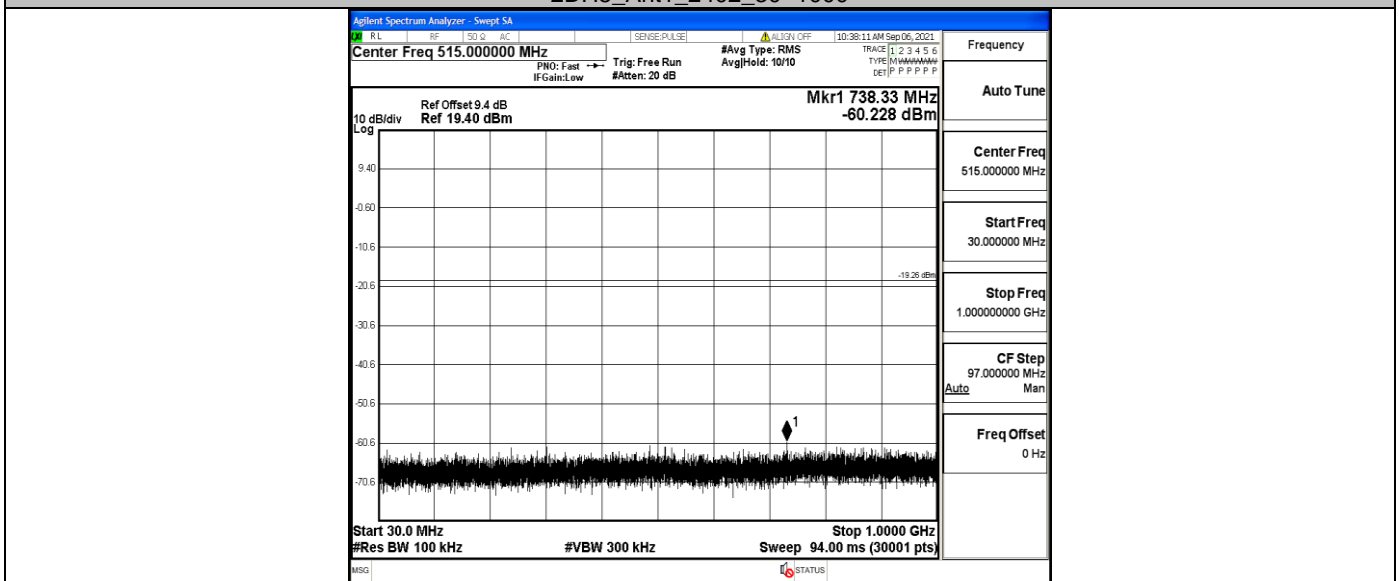
DH5\_Ant1\_2480\_1000~26500



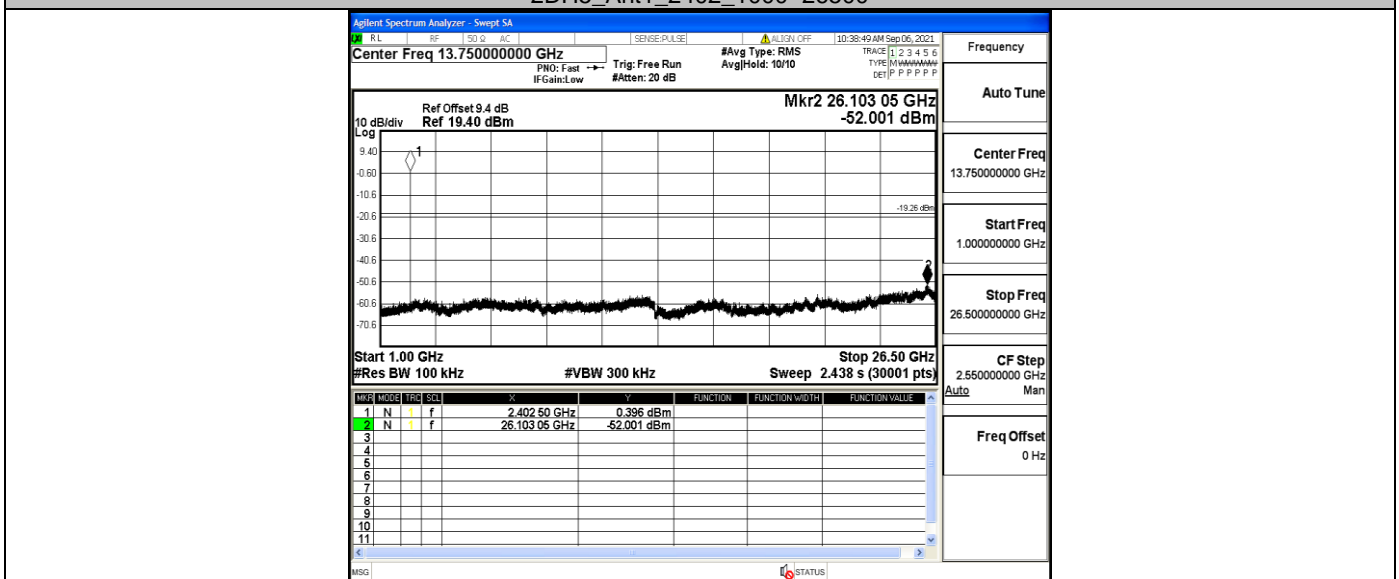
2DH5\_Ant1\_2402\_0~Reference



2DH5\_Ant1\_2402\_30~1000

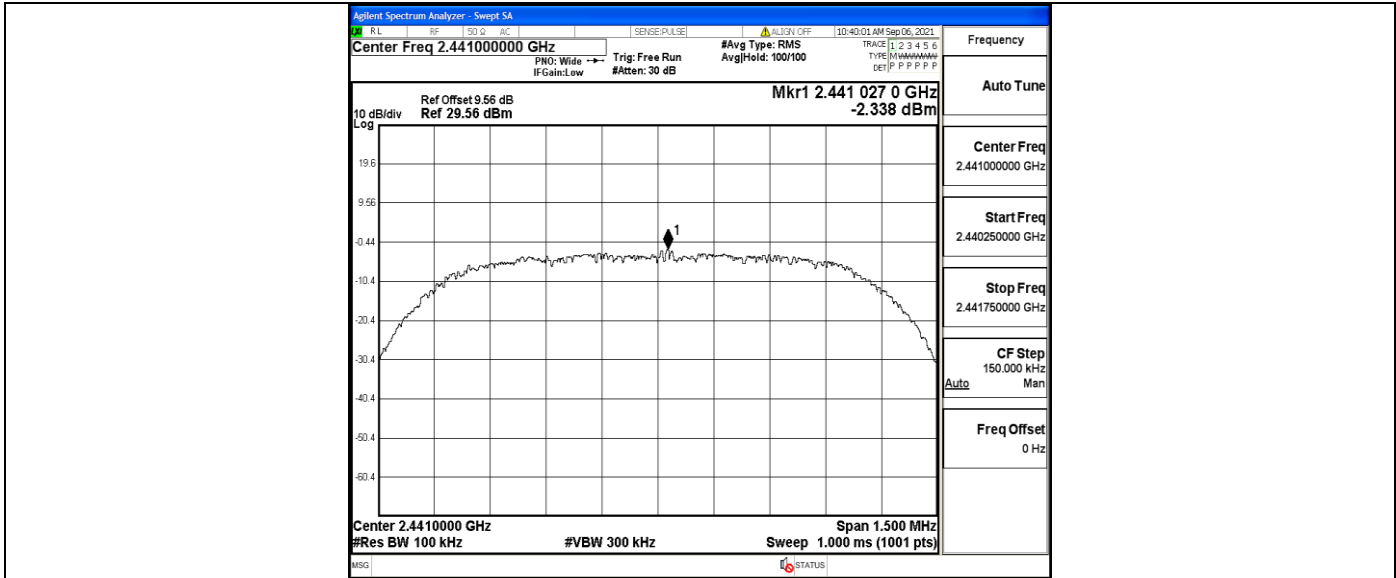


2DH5\_Ant1\_2402\_1000~26500

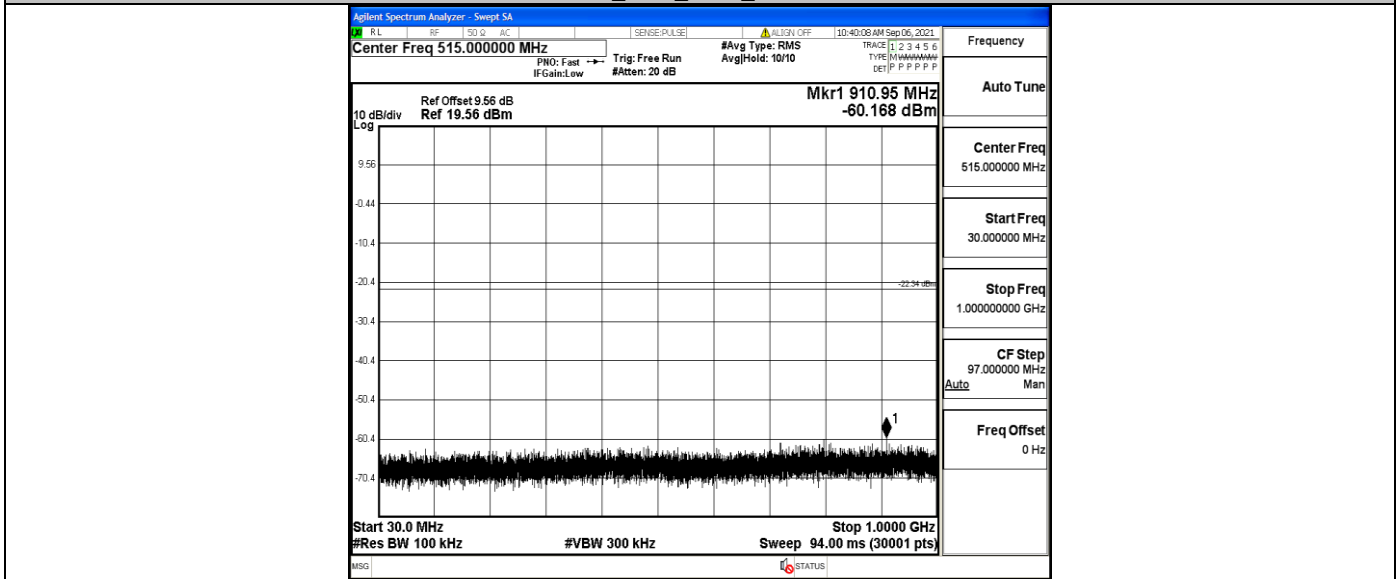


2DH5\_Ant1\_2441\_0~Reference

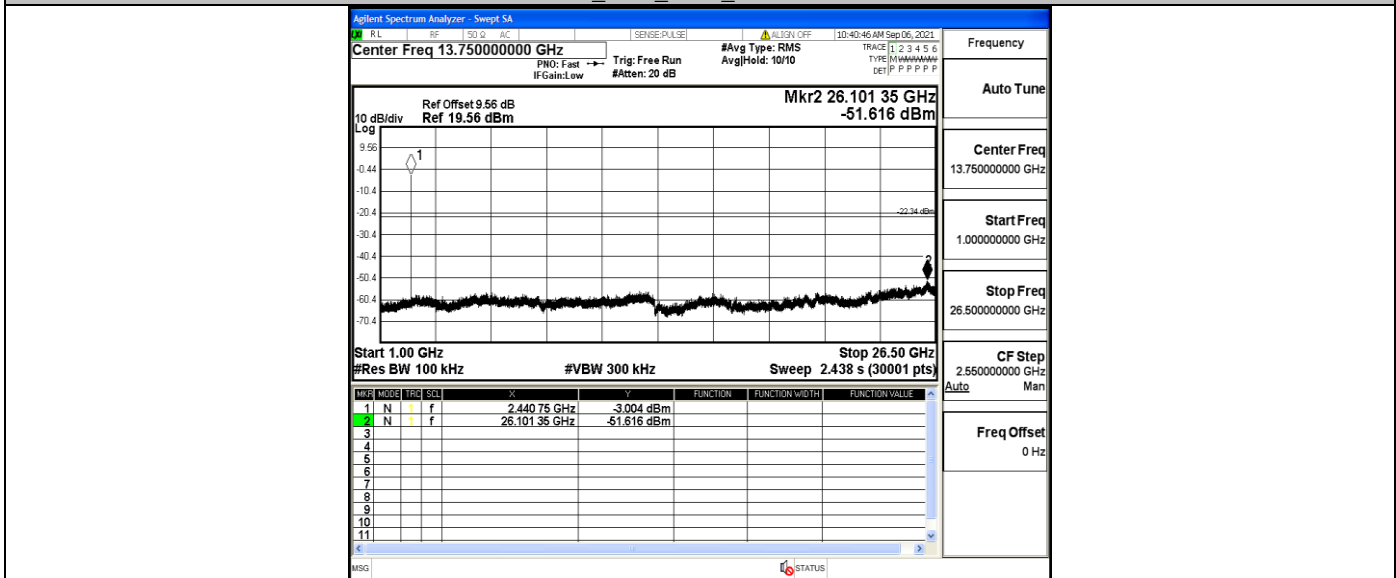




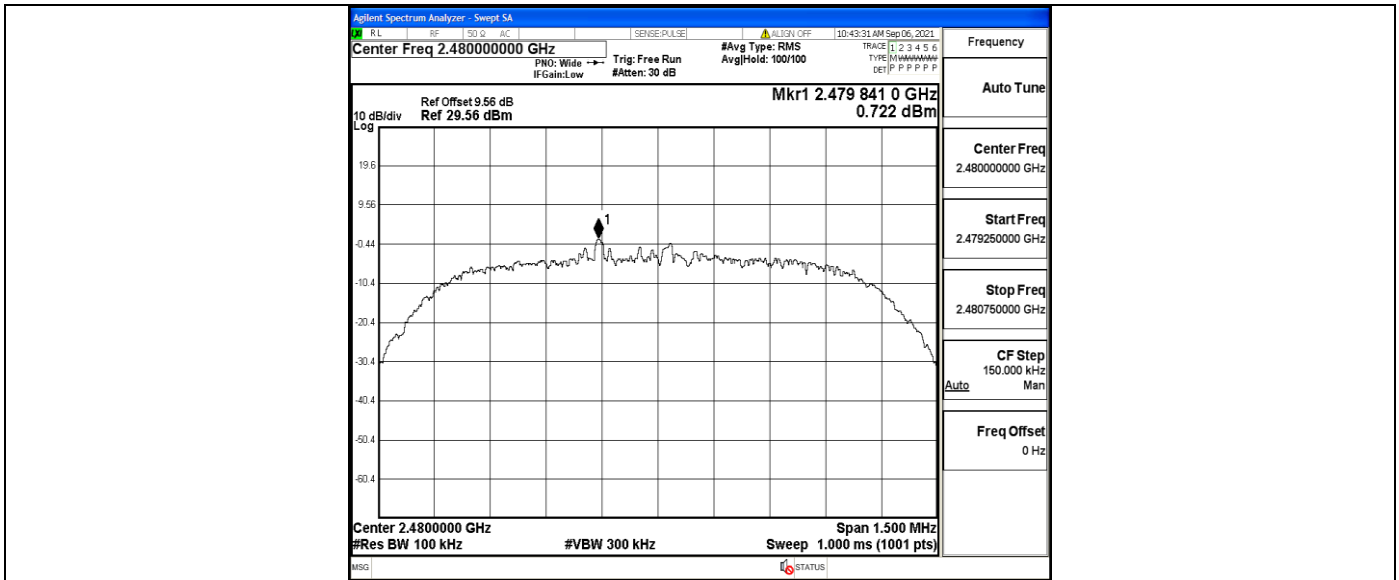
2DH5\_Ant1\_2441\_30~1000



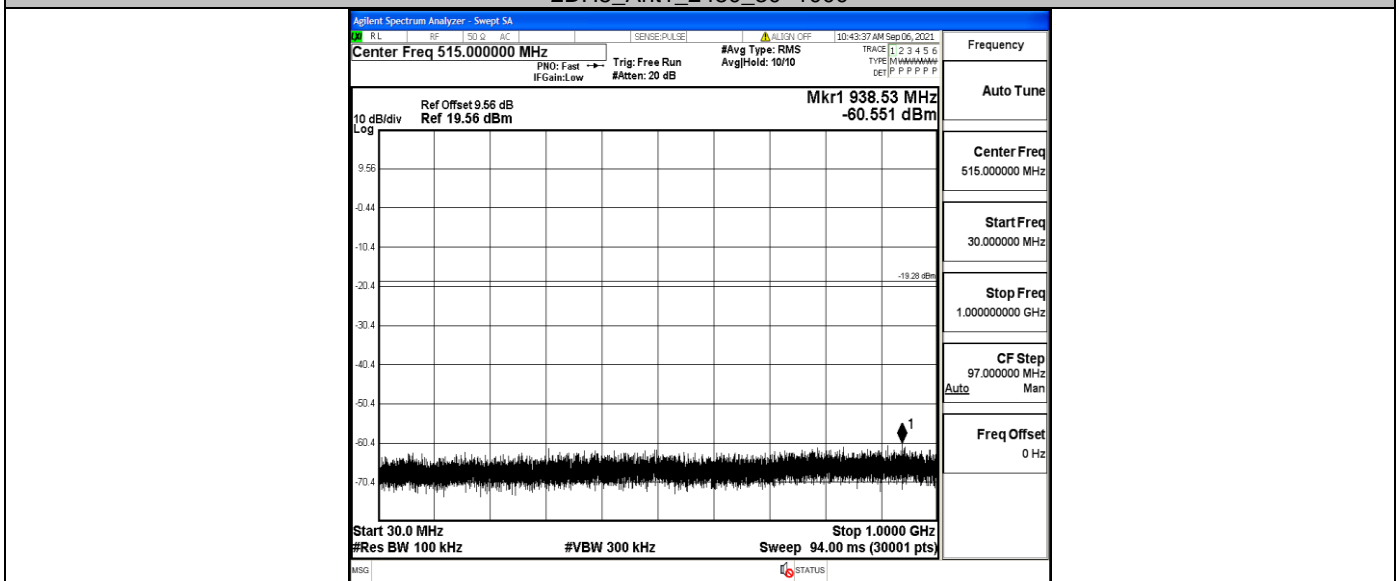
2DH5\_Ant1\_2441\_1000~26500



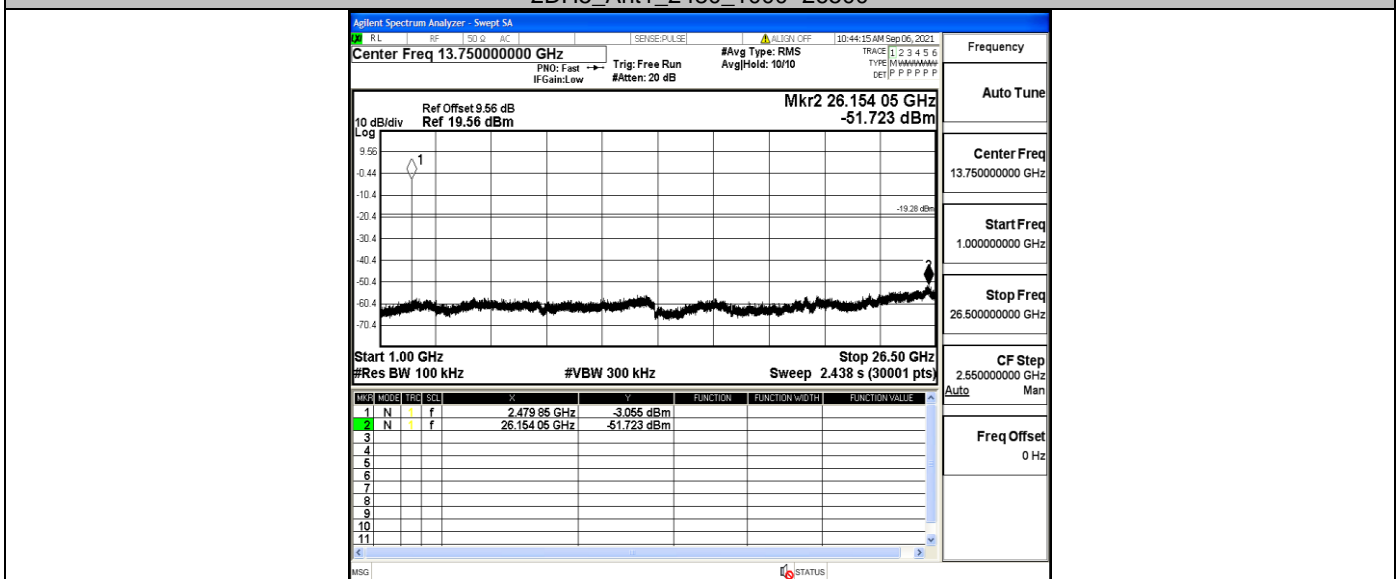
2DH5\_Ant1\_2480\_0~Reference



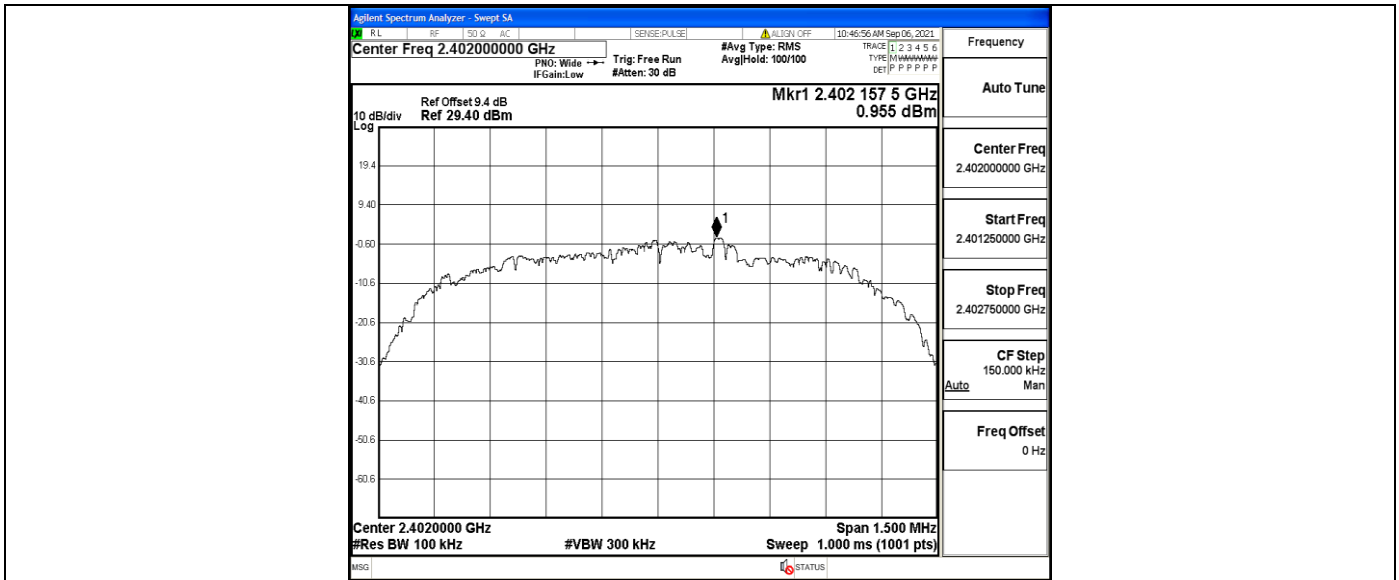
2DH5\_Ant1\_2480\_30~1000



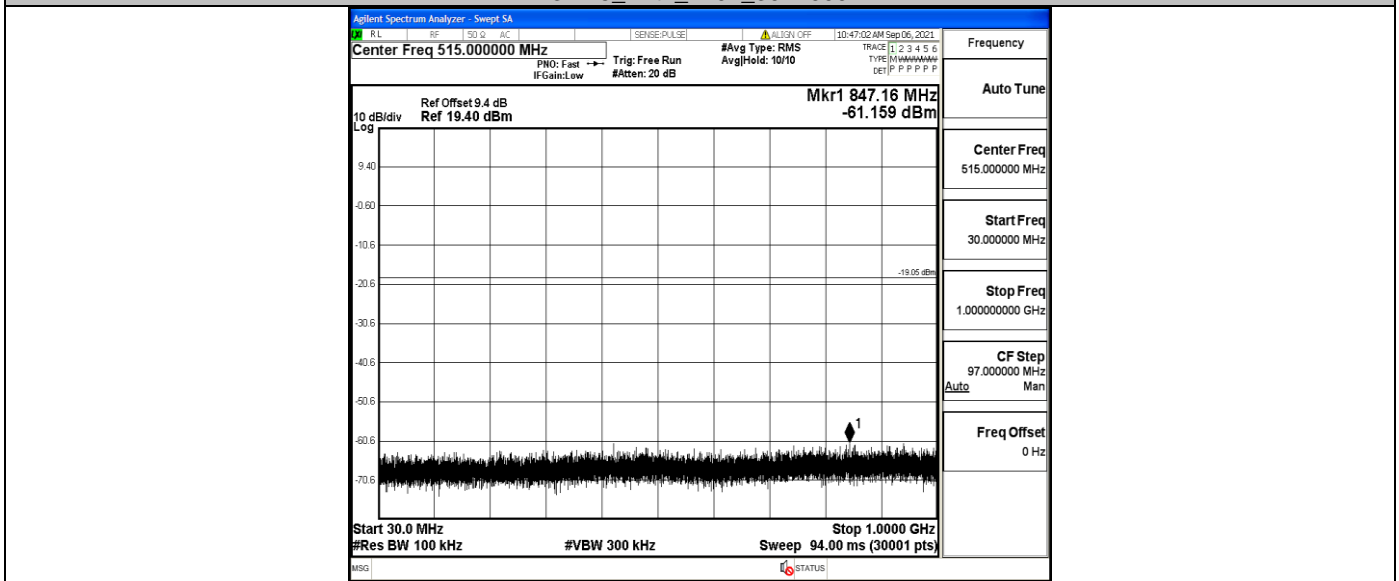
2DH5\_Ant1\_2480\_1000~26500



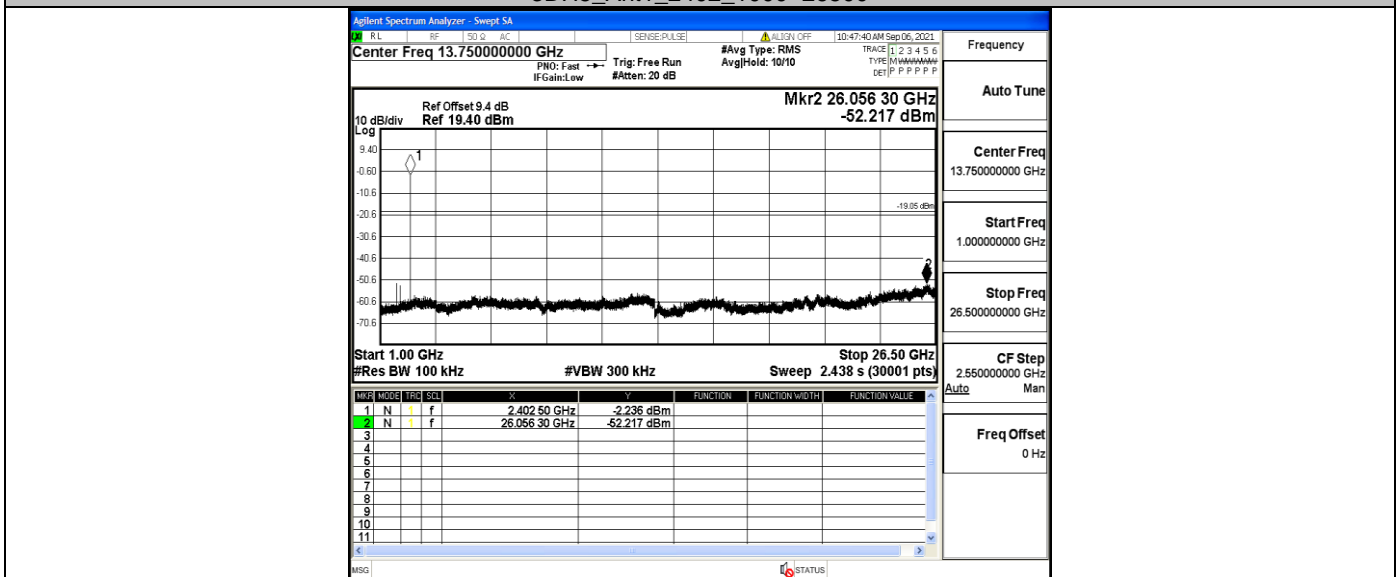
3DH5\_Ant1\_2402\_0~Reference



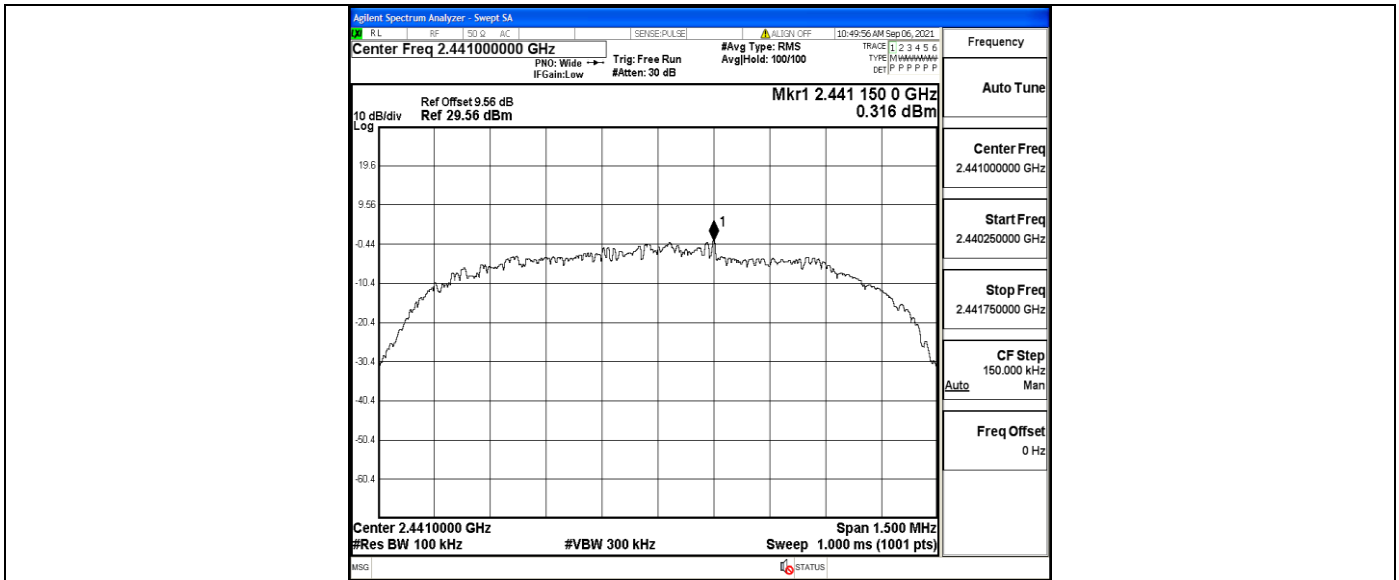
3DH5\_Ant1\_2402\_30~1000



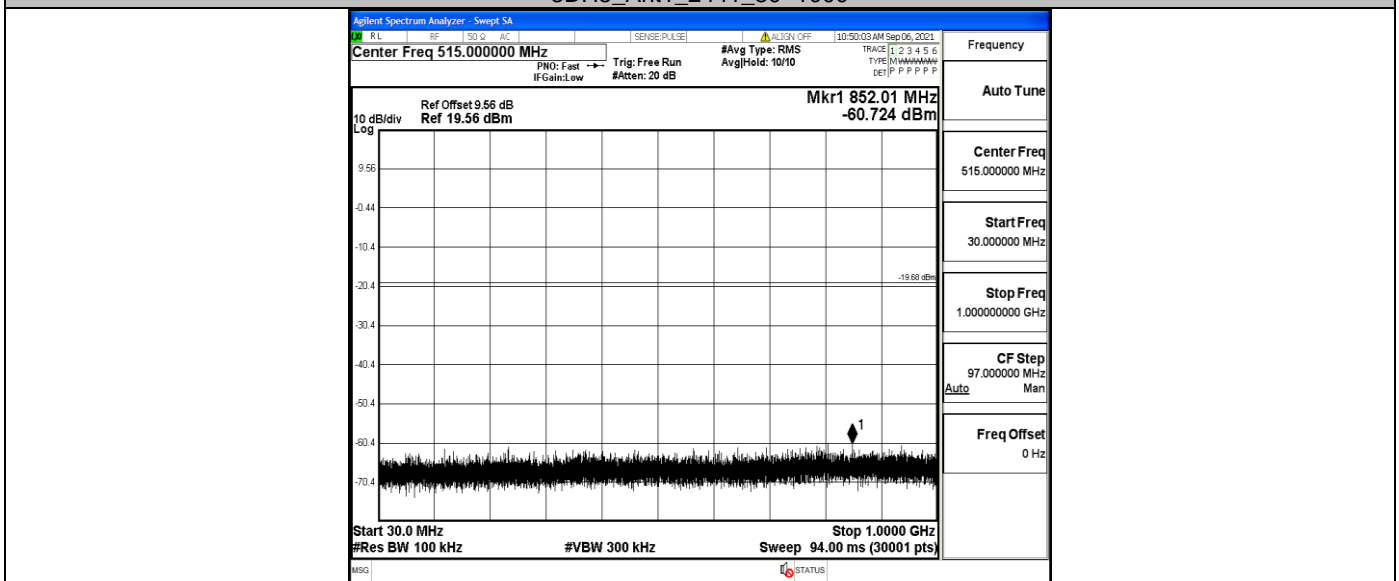
3DH5\_Ant1\_2402\_1000~26500



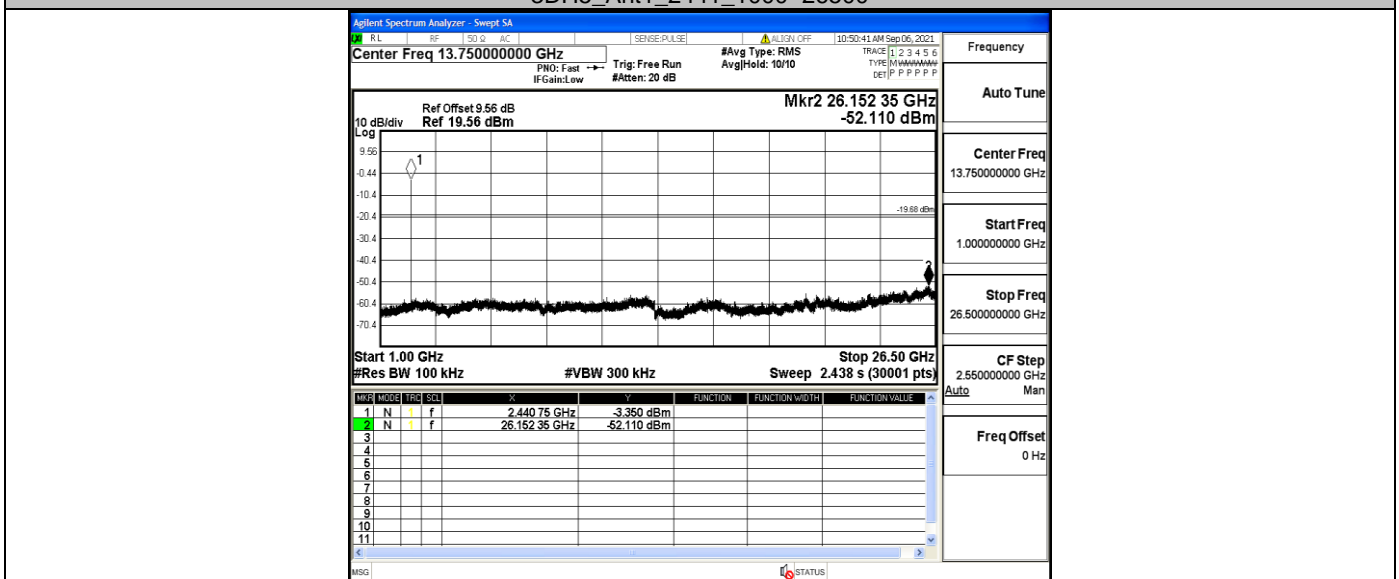
3DH5\_Ant1\_2441\_0~Reference



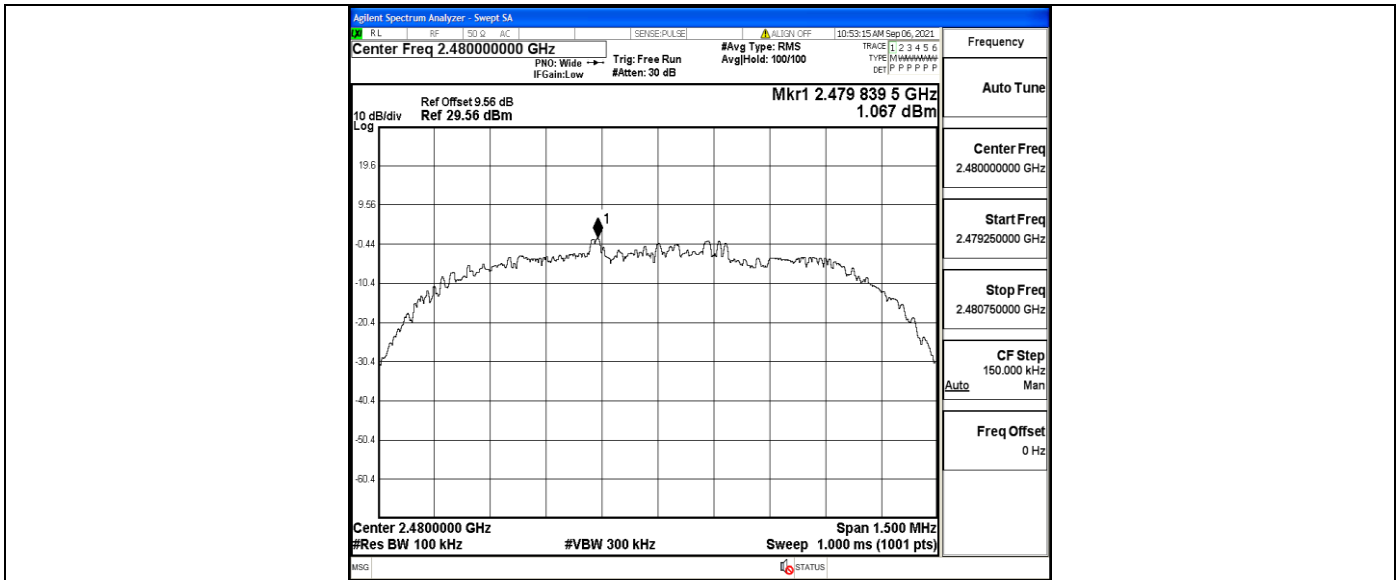
3DH5\_Ant1\_2441\_30~1000



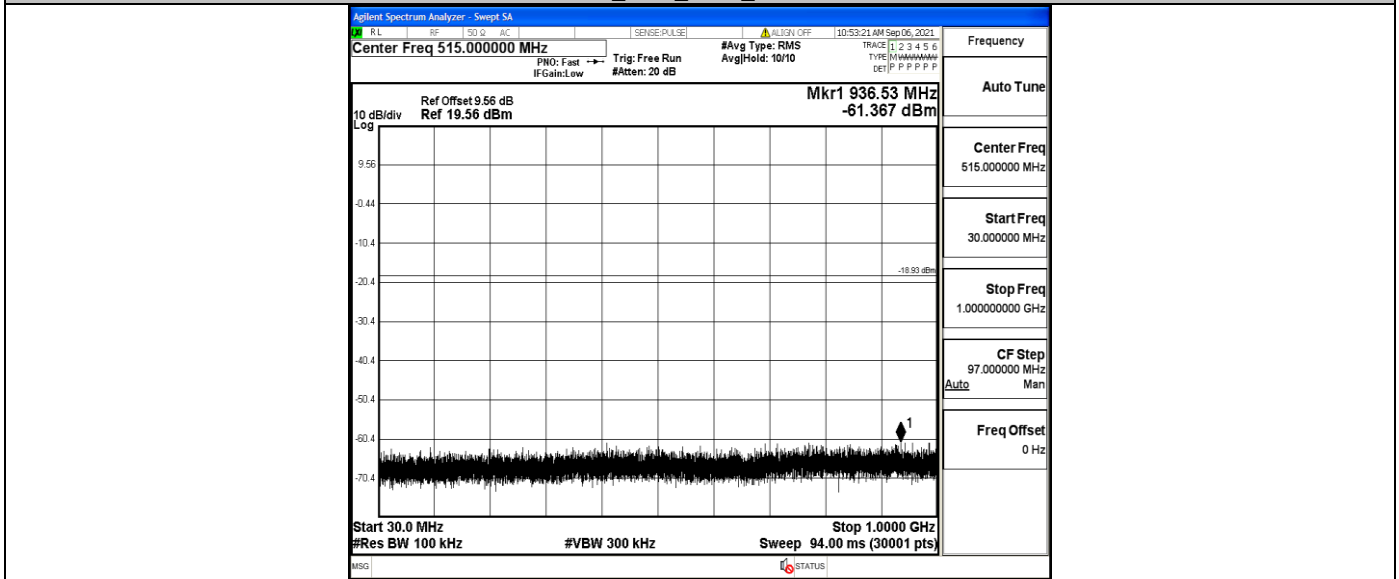
3DH5\_Ant1\_2441\_1000~26500



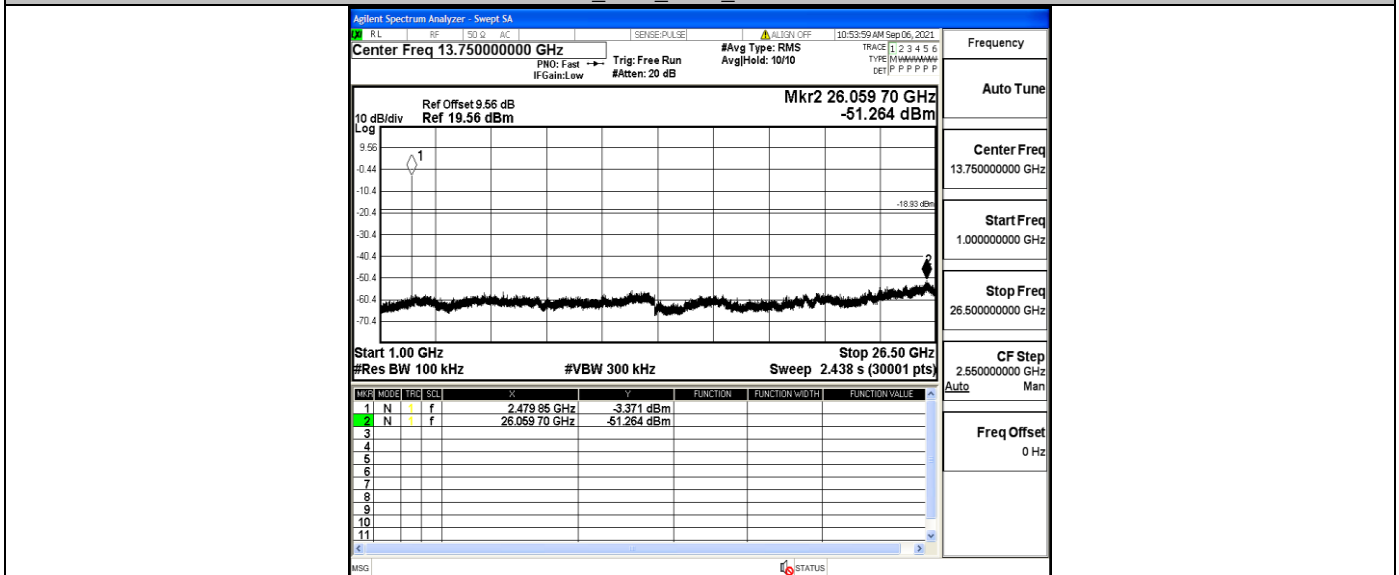
3DH5\_Ant1\_2480\_0~Reference



3DH5\_Ant1\_2480\_30~1000



3DH5\_Ant1\_2480\_1000~26500



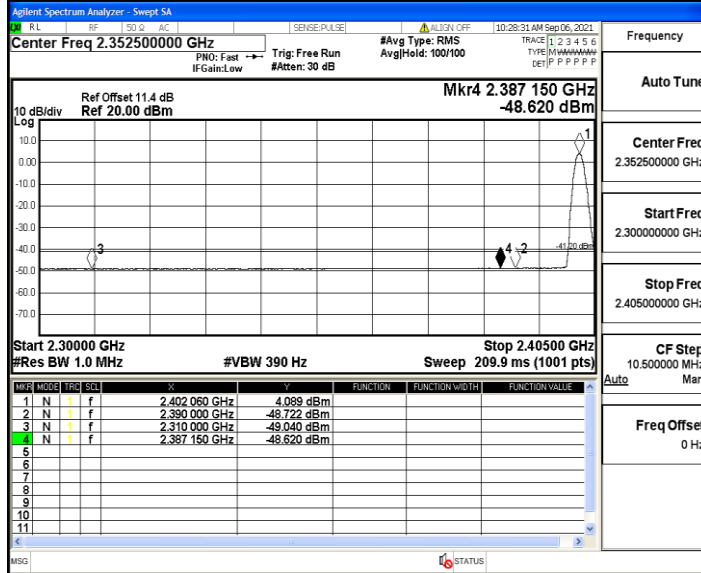
## A.8 Restrict-band band-edge measurements

TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-49.04	≤-41.20	PASS
				AV	2387.150	-48.62	≤-41.20	PASS
				AV	2390.000	-48.72	≤-41.20	PASS
				Peak	2310.000	-40.74	≤-21.20	PASS
				Peak	2369.510	-38.95	≤-21.20	PASS
				Peak	2390.000	-41.82	≤-21.20	PASS
		High	2480	AV	2483.500	-47.71	≤-41.20	PASS
				AV	2483.520	-47.71	≤-41.20	PASS
				AV	2500.000	-48.08	≤-41.20	PASS
				Peak	2483.500	-41.32	≤-21.20	PASS
				Peak	2496.160	-38.75	≤-21.20	PASS
				Peak	2500.000	-42.17	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.02	≤-41.20	PASS
				AV	2387.990	-48.6	≤-41.20	PASS
				AV	2390.000	-48.69	≤-41.20	PASS
				Peak	2310.000	-41.98	≤-21.20	PASS
				Peak	2362.370	-39.41	≤-21.20	PASS
				Peak	2390.000	-40.86	≤-21.20	PASS
		High	2480	AV	2483.500	-47.77	≤-41.20	PASS
				AV	2483.520	-47.77	≤-41.20	PASS
				AV	2500.000	-48.07	≤-41.20	PASS
				Peak	2483.500	-39.62	≤-21.20	PASS
				Peak	2487.600	-38.99	≤-21.20	PASS
				Peak	2500.000	-41.9	≤-21.20	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.99	≤-41.20	PASS
				AV	2389.670	-48.55	≤-41.20	PASS
				AV	2390.000	-48.73	≤-41.20	PASS
				Peak	2310.000	-40.4	≤-21.20	PASS
				Peak	2337.275	-38.13	≤-21.20	PASS
				Peak	2390.000	-42.58	≤-21.20	PASS
		High	2480	AV	2483.500	-47.77	≤-41.20	PASS
				AV	2483.520	-47.77	≤-41.20	PASS
				AV	2500.000	-47.98	≤-41.20	PASS
				Peak	2483.500	-41.5	≤-21.20	PASS
				Peak	2485.600	-37.9	≤-21.20	PASS
				Peak	2500.000	-41.5	≤-21.20	PASS

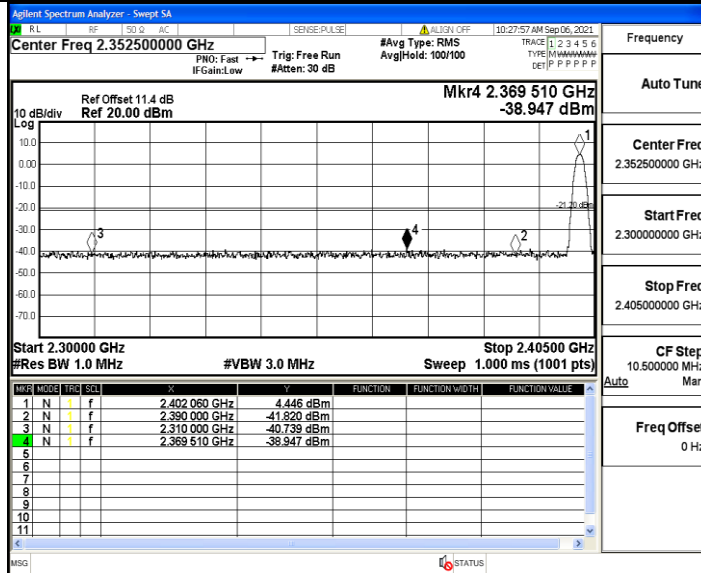
1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

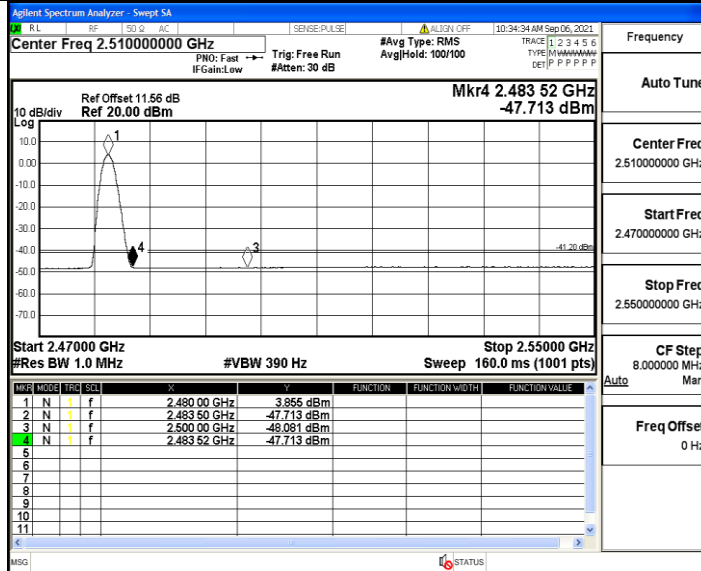
DH5\_Ant1\_Low\_2402\_AV



DH5\_Ant1\_Low\_2402\_Peak

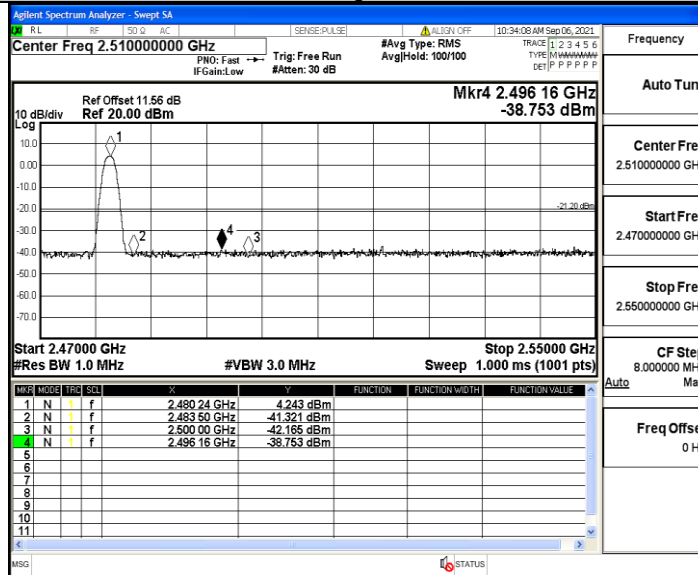


DH5\_Ant1\_High\_2480\_AV

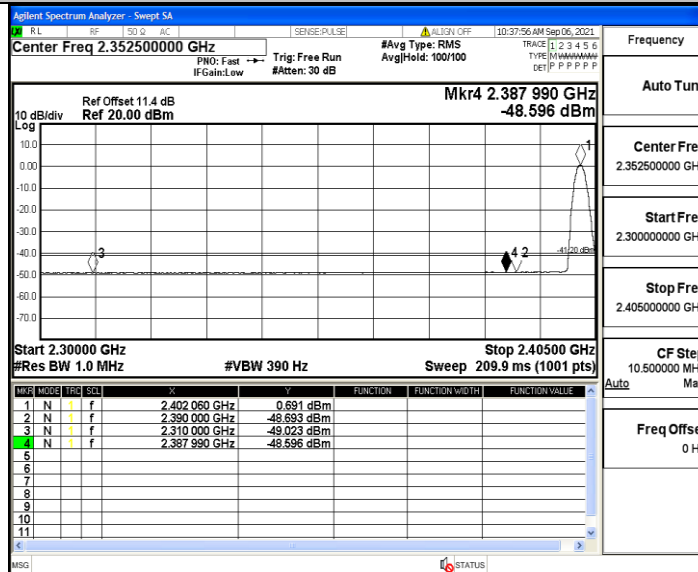




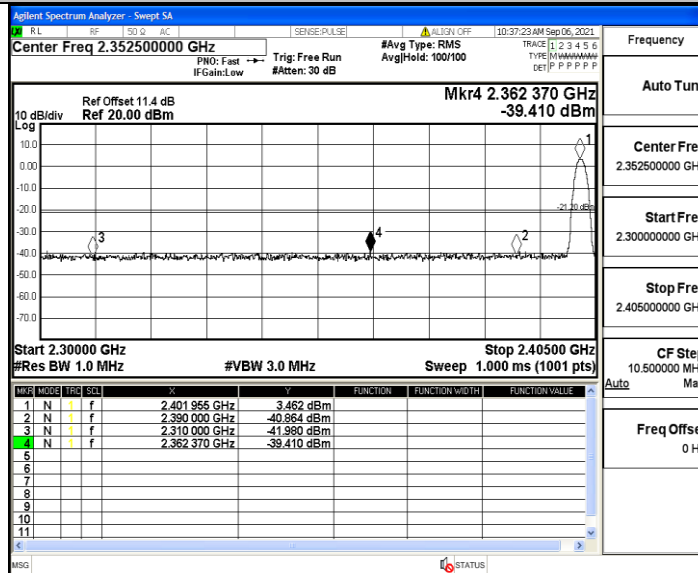
DH5\_Ant1\_High\_2480\_Peak



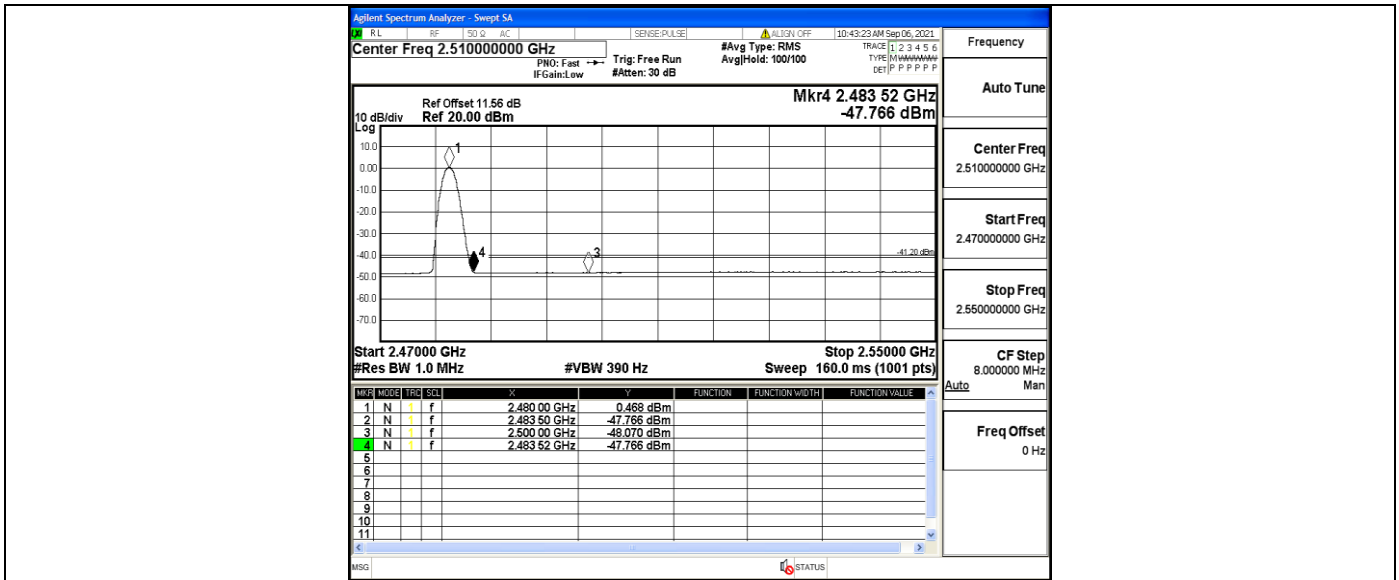
2DH5\_Ant1\_Low\_2402\_AV



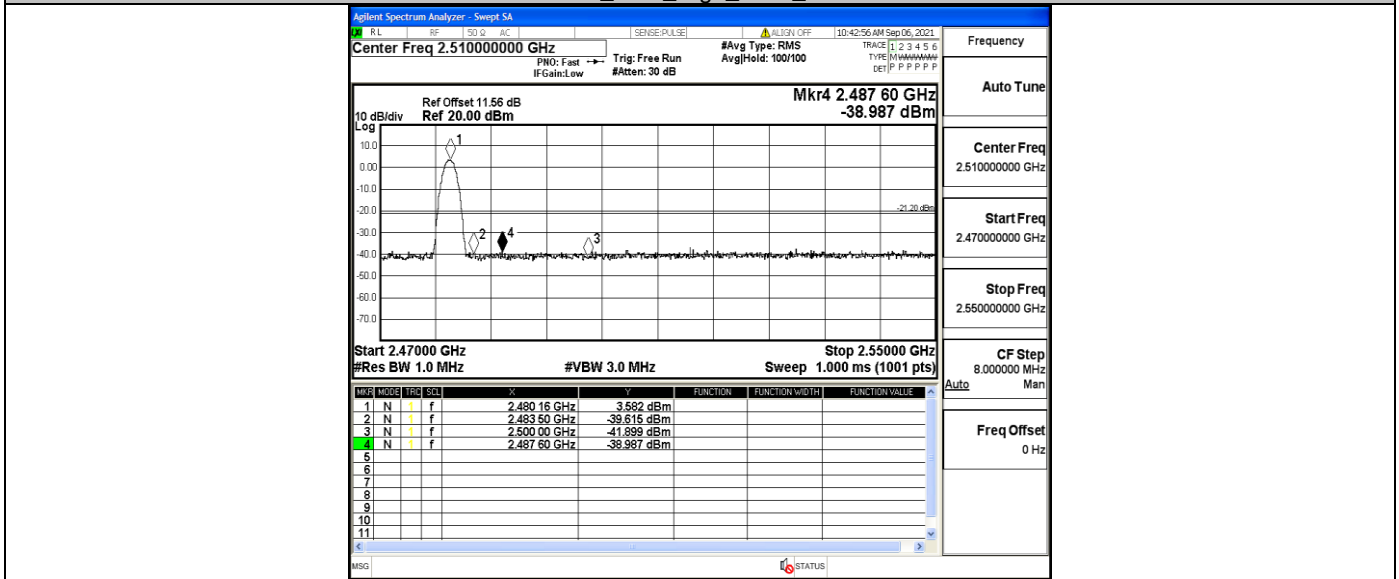
2DH5\_Ant1\_Low\_2402\_Peak



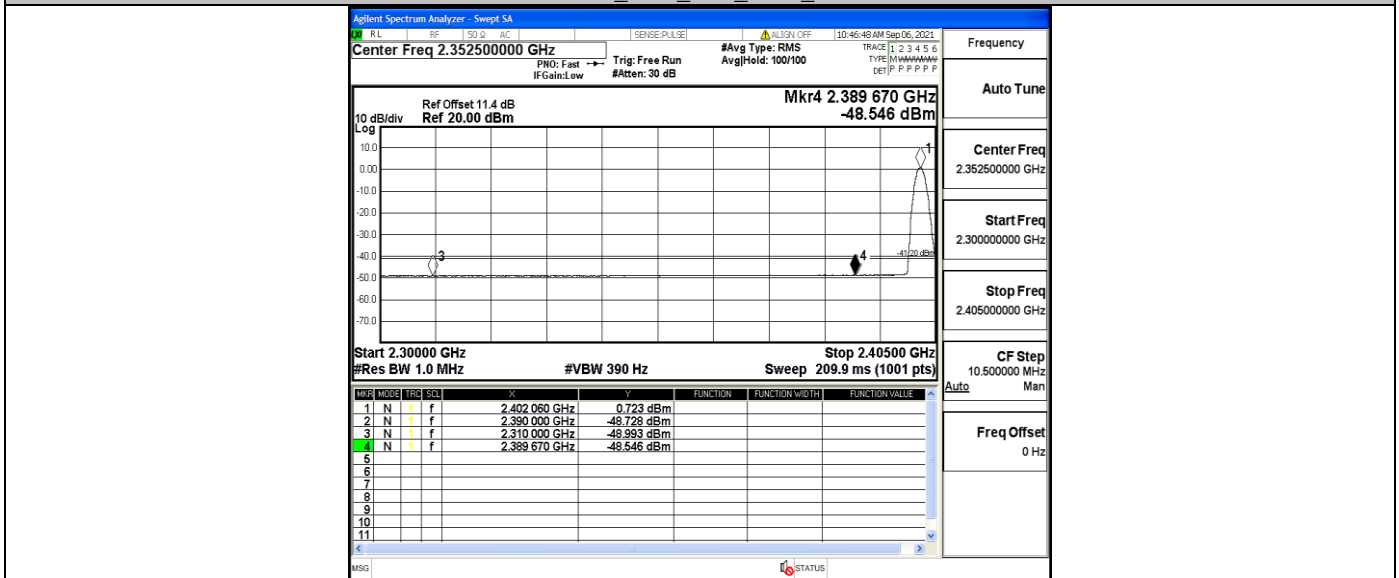
2DH5\_Ant1\_High\_2480\_AV



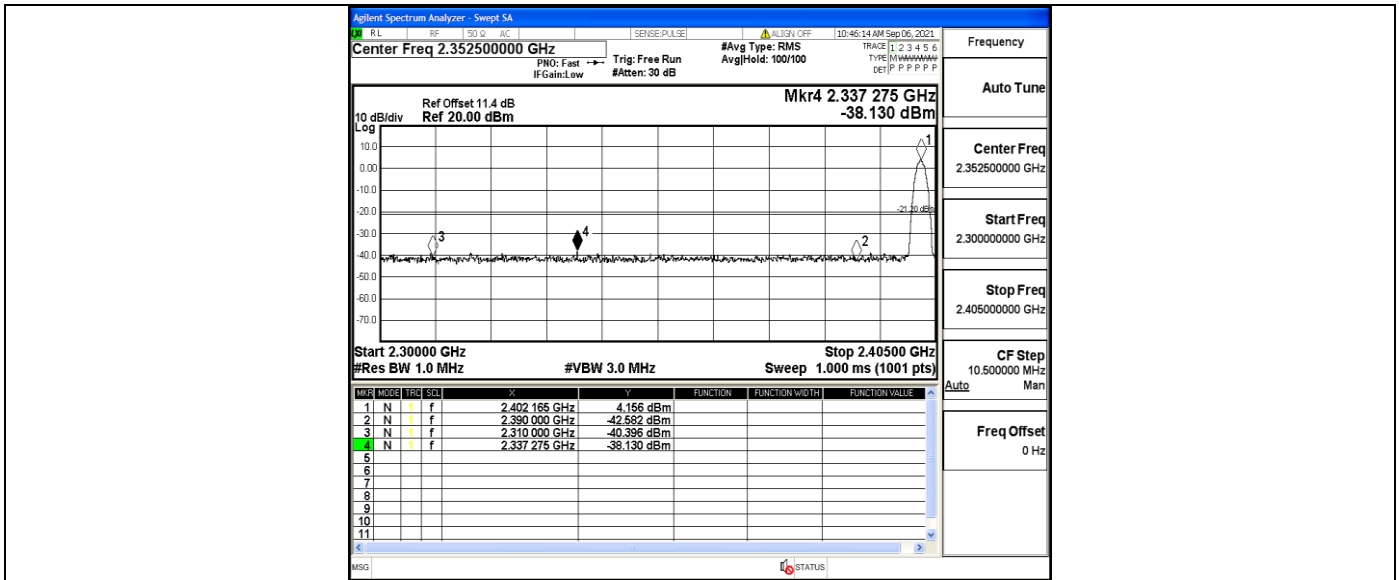
2DH5\_Ant1\_High\_2480\_Peak



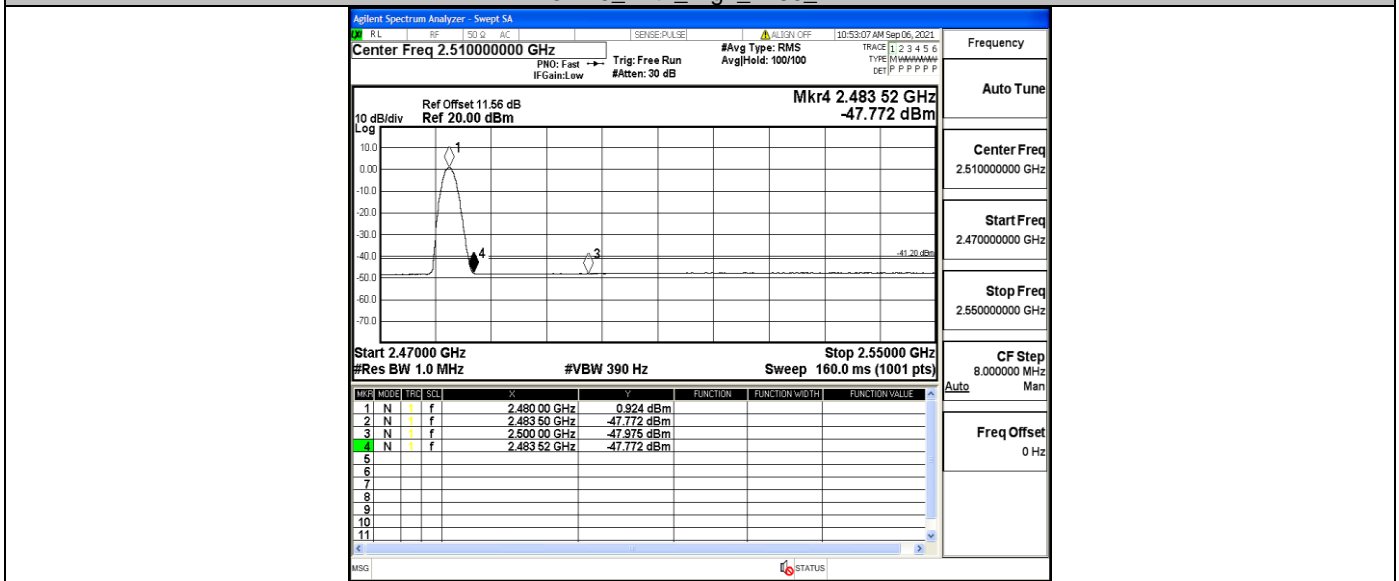
3DH5\_Ant1\_Low\_2402\_AV



3DH5\_Ant1\_Low\_2402\_Peak



3DH5\_Ant1\_High\_2480\_AV



3DH5\_Ant1\_High\_2480\_Peak

