





## Appendix A

### RF Test Data for BT (Conducted Measurement)

Product Name: POCO X403

Test Model: POCO X403

#### Environmental Conditions

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



## A.1 20dB Emission Bandwidth

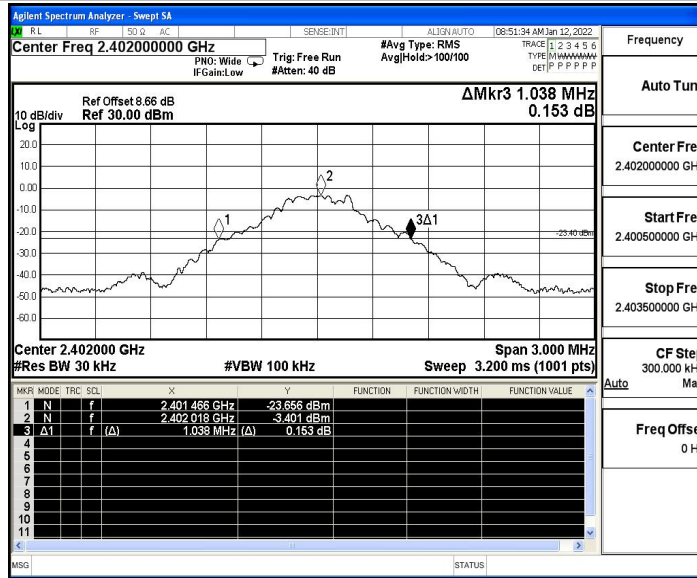
### Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.038	2401.466	2402.504	---	---
		2441	1.044	2440.463	2441.507	---	---
		2480	1.038	2479.466	2480.504	---	---
2DH5	Ant1	2402	1.320	2401.340	2402.660	---	---
		2441	1.323	2440.340	2441.663	---	---
		2480	1.293	2479.361	2480.654	---	---
3DH5	Ant1	2402	1.305	2401.349	2402.654	---	---
		2441	1.296	2440.352	2441.648	---	---
		2480	1.299	2479.349	2480.648	---	---

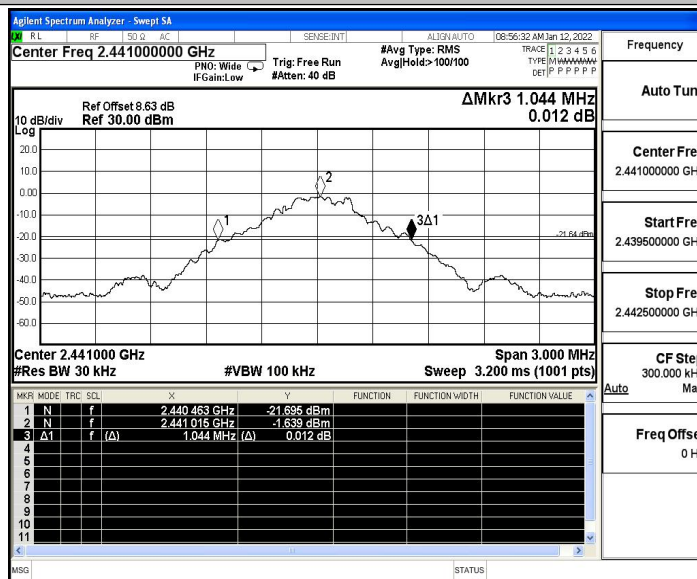


### Test Graphs

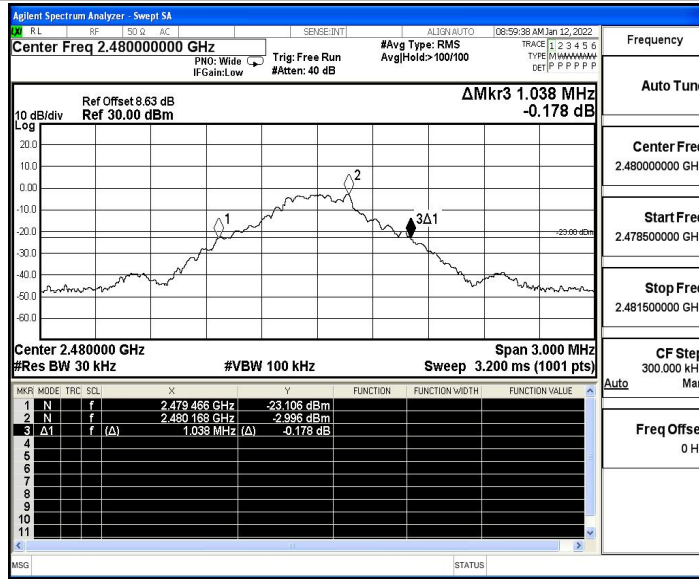
DH5\_Ant1\_2402



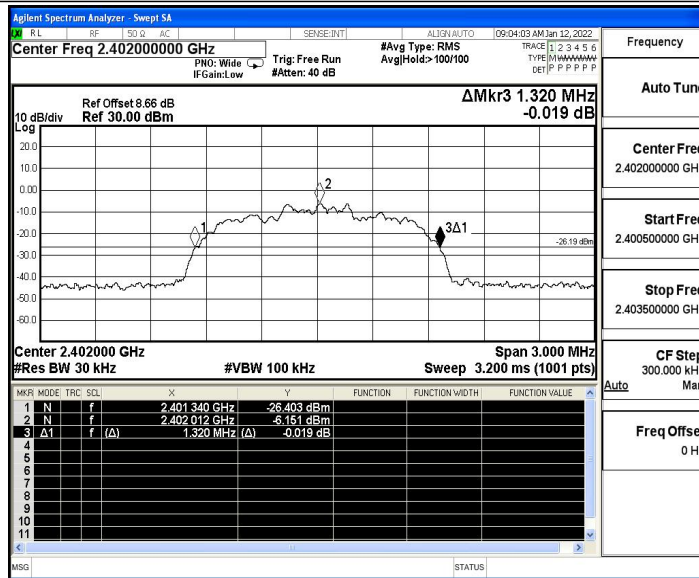
DH5\_Ant1\_2441



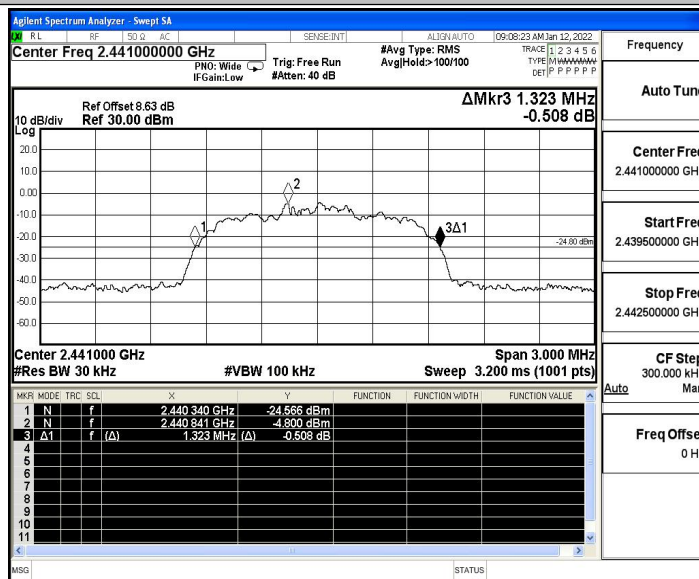
DH5\_Ant1\_2480



2DH5\_Ant1\_2402

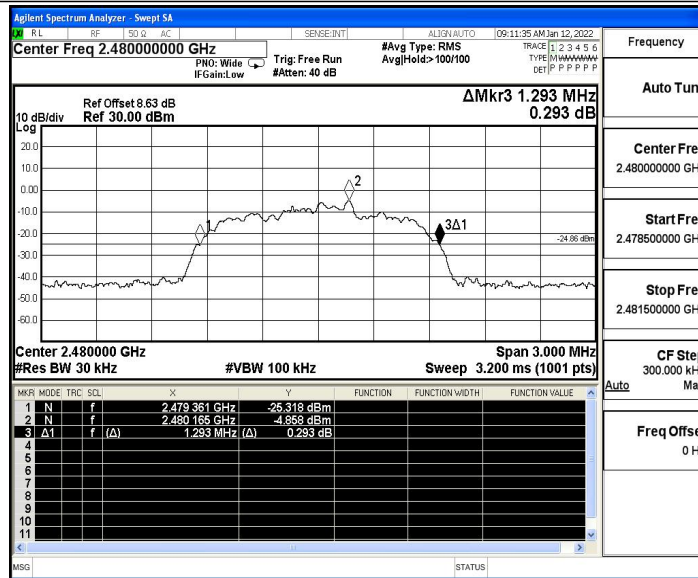


2DH5\_Ant1\_2441

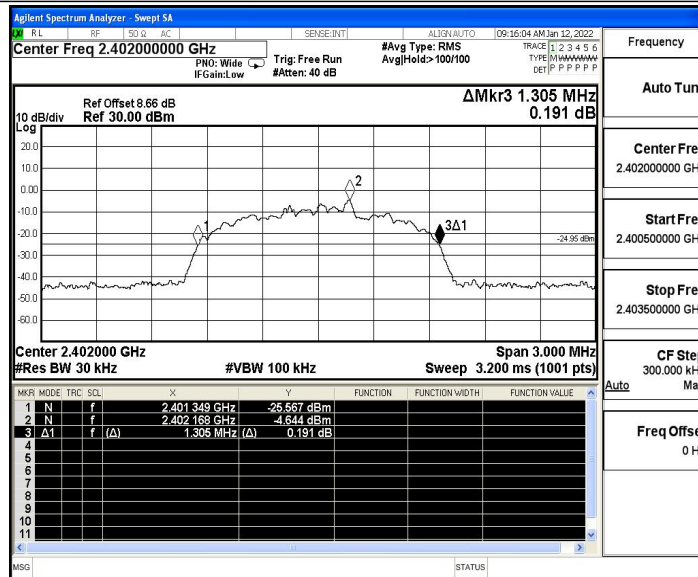




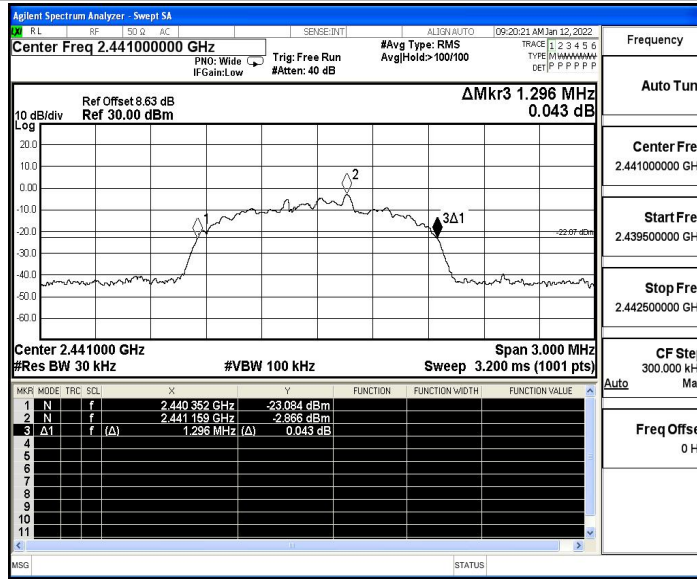
### 2DH5\_Ant1\_2480



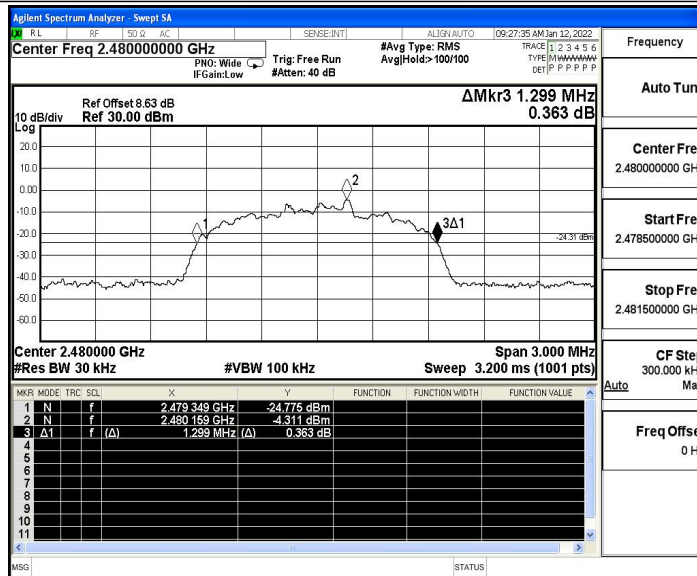
### 3DH5\_Ant1\_2402



### 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480





## A.2 Maximum peak conducted output power

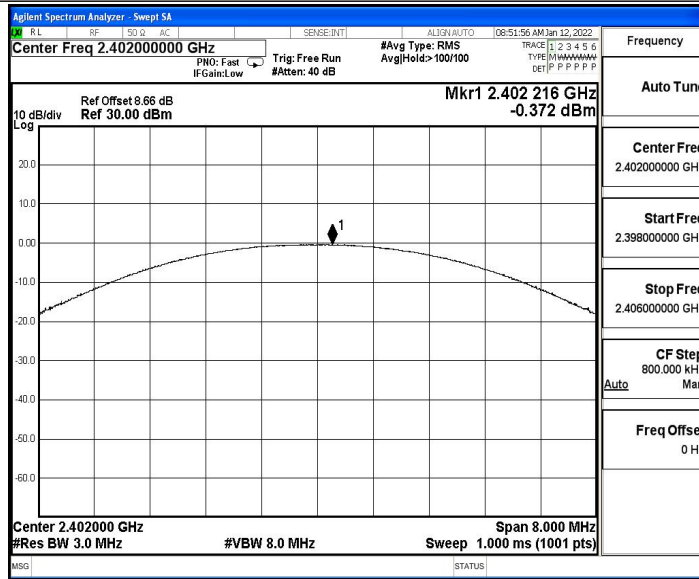
### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.37	$\leq 20.97$	PASS
		2441	1.34	$\leq 20.97$	PASS
		2480	-0.02	$\leq 20.97$	PASS
2DH5	Ant1	2402	-1.33	$\leq 20.97$	PASS
		2441	0.37	$\leq 20.97$	PASS
		2480	-0.93	$\leq 20.97$	PASS
3DH5	Ant1	2402	-1.09	$\leq 20.97$	PASS
		2441	0.61	$\leq 20.97$	PASS
		2480	-0.72	$\leq 20.97$	PASS

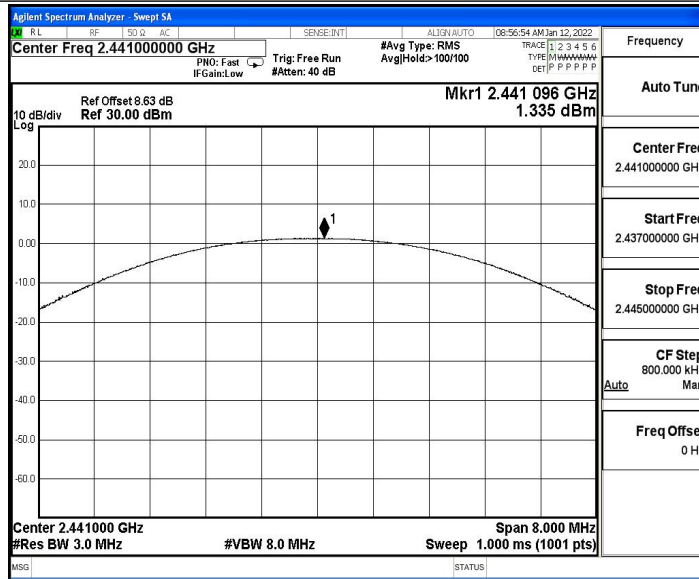


### Test Graphs

DH5\_Ant1\_2402

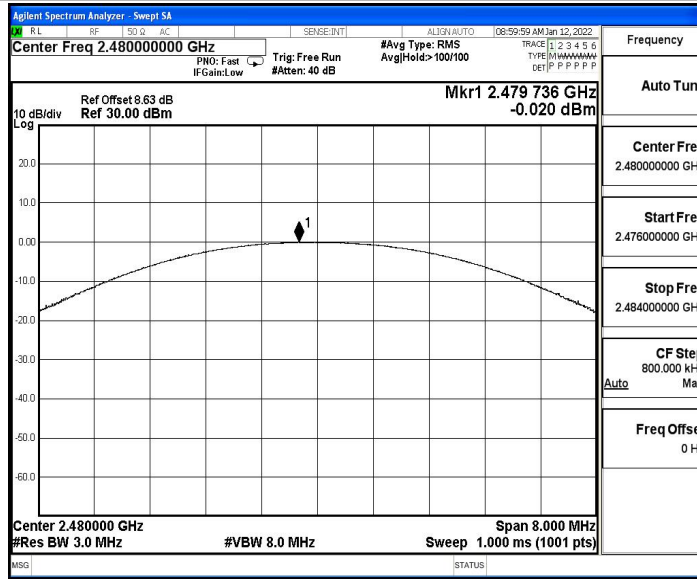


DH5\_Ant1\_2441

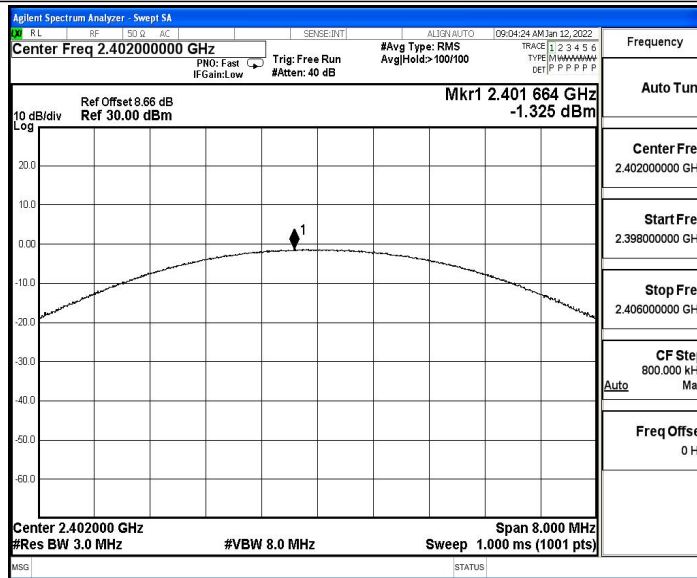


DH5\_Ant1\_2480

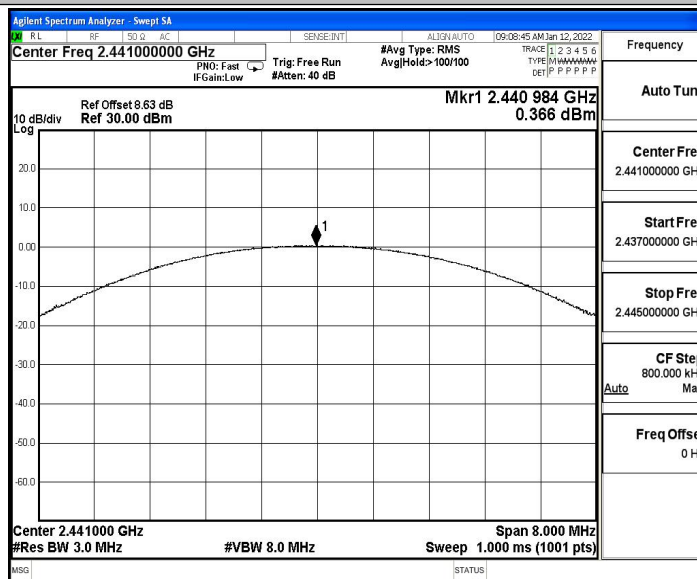




2DH5\_Ant1\_2402

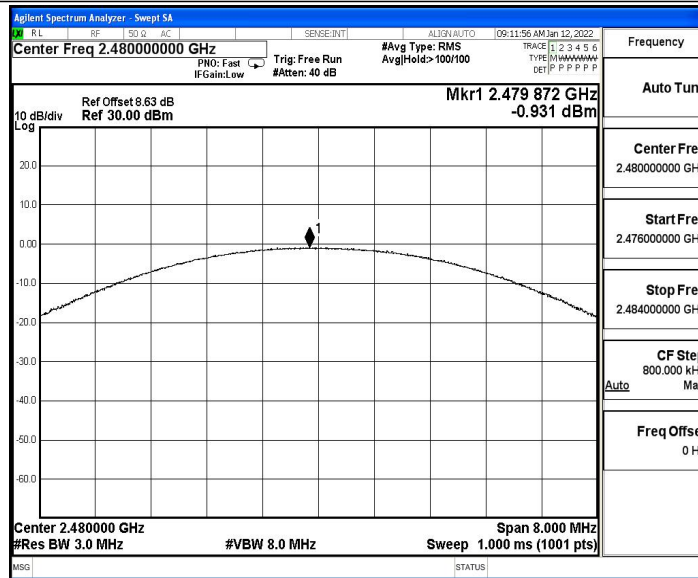


2DH5\_Ant1\_2441

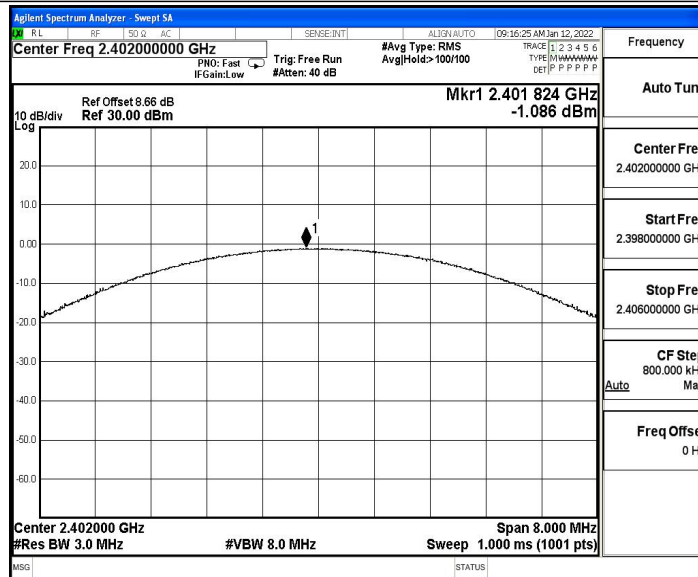




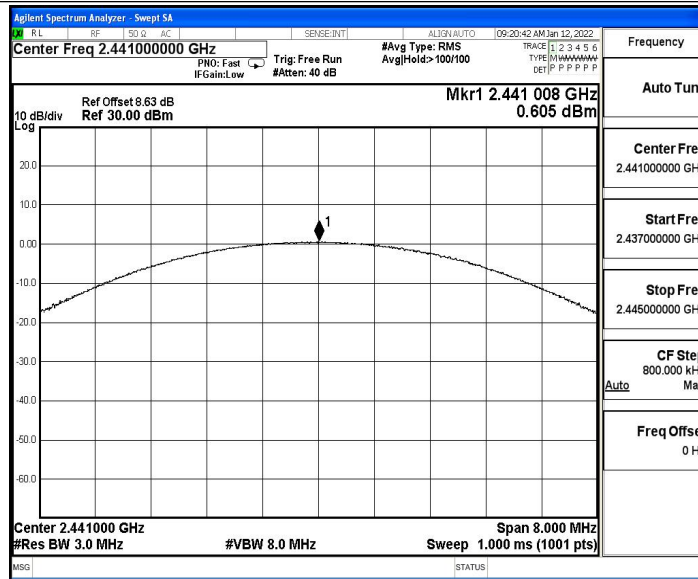
### 2DH5\_Ant1\_2480



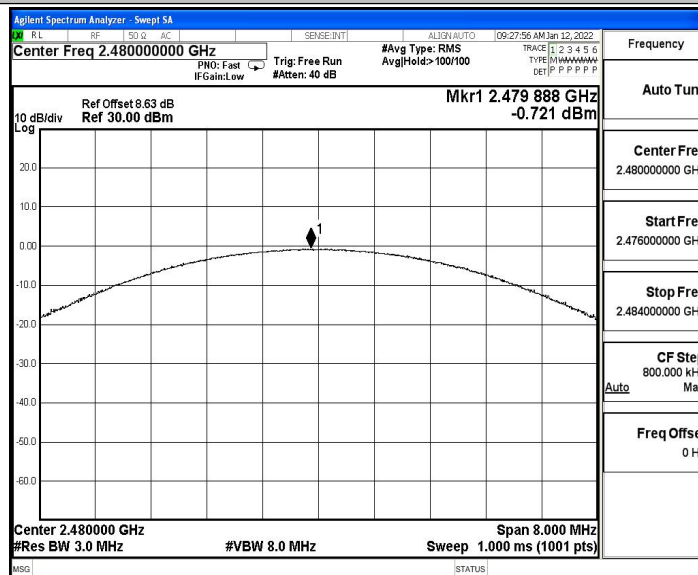
### 3DH5\_Ant1\_2402



### 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480





## A.3 Carrier frequency separation

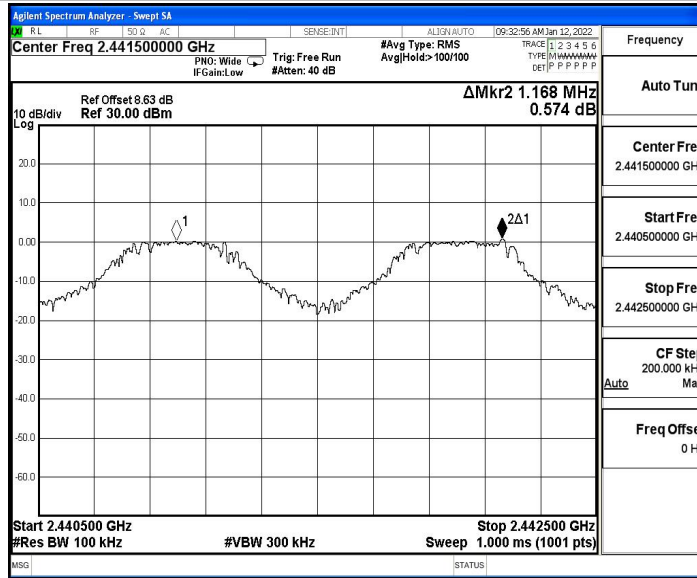
### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.168	$\geq 0.696$	PASS
2DH5	Ant1	Hop	1.132	$\geq 0.882$	PASS
3DH5	Ant1	Hop	1.006	$\geq 0.870$	PASS

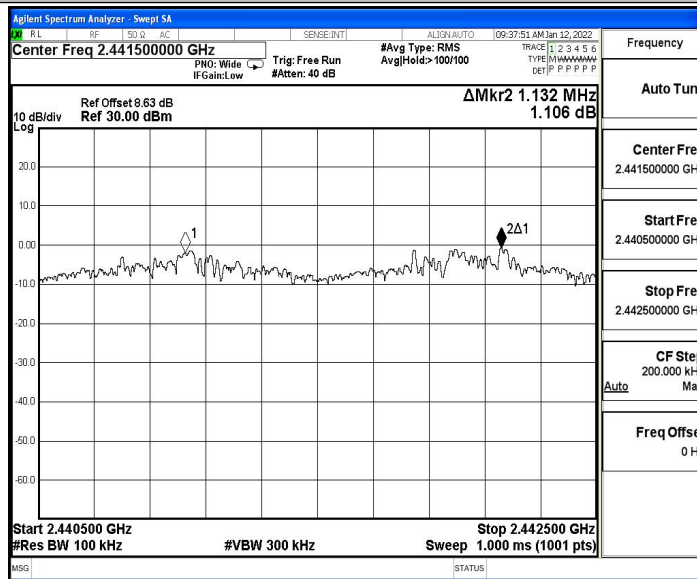


### Test Graphs

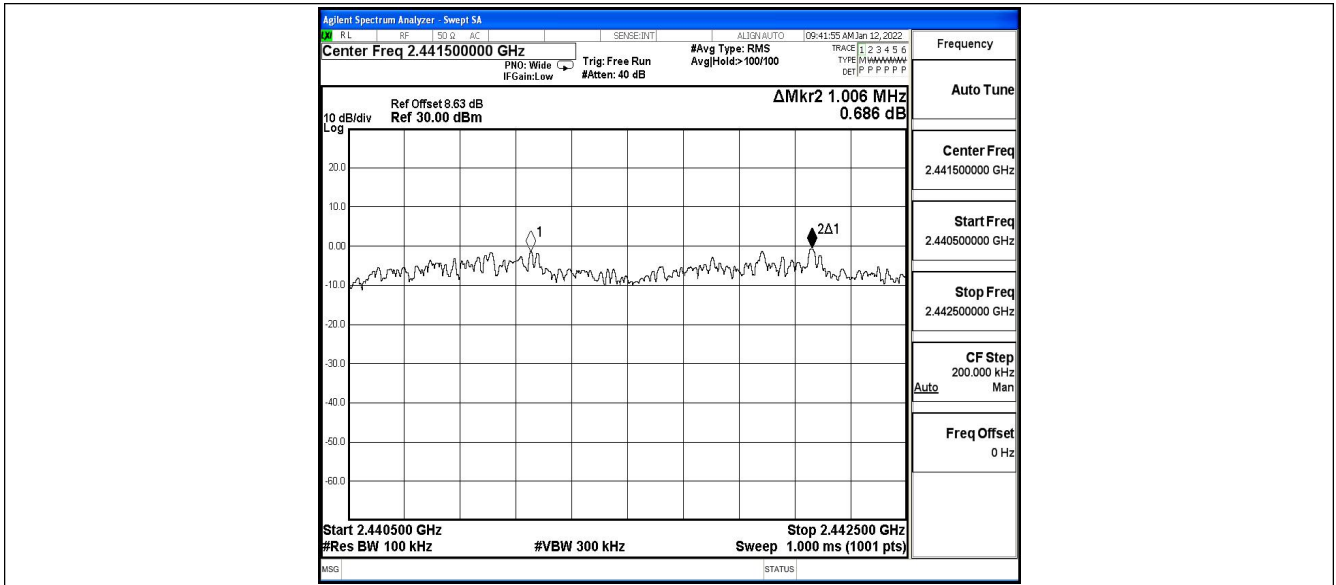
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop





## A.4 Time of occupancy

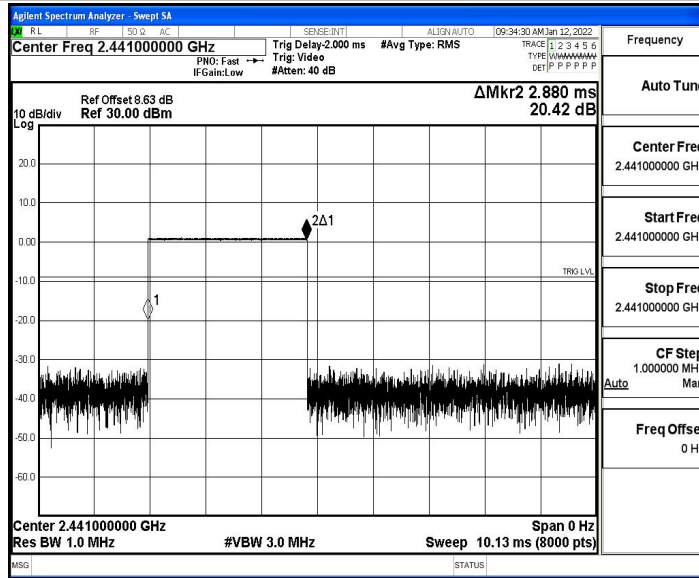
### Test Result

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

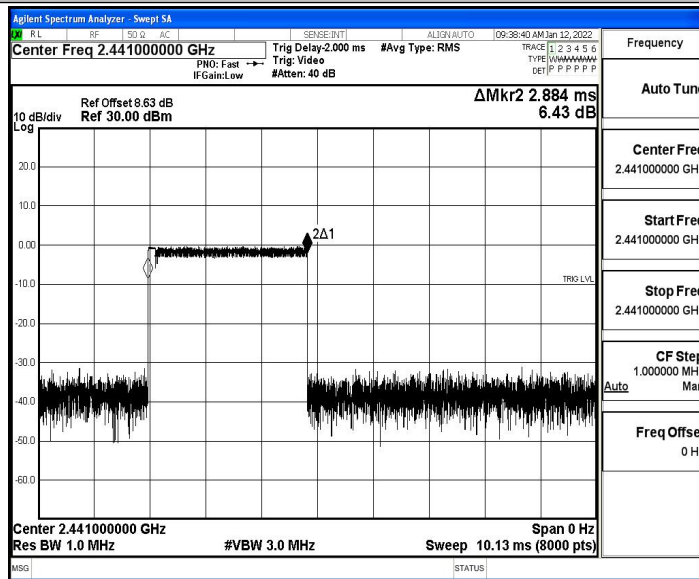


### Test Graphs

DH5\_Ant1\_Hop

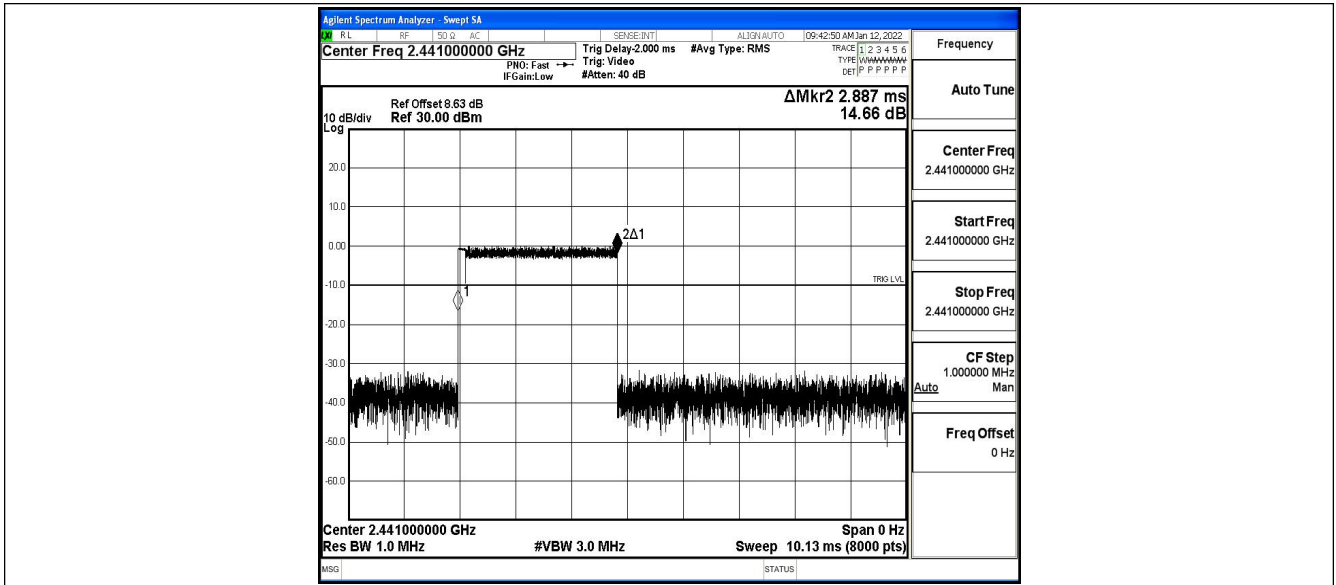


2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop







## A.5 Number of hopping channels

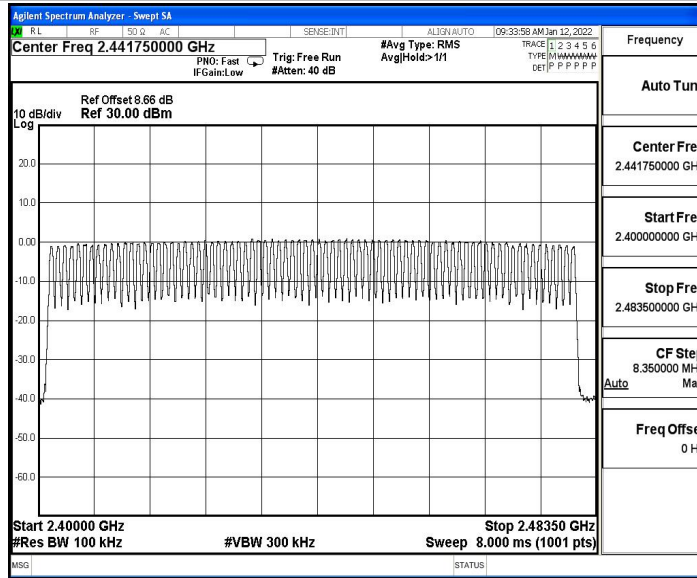
### Test Result

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

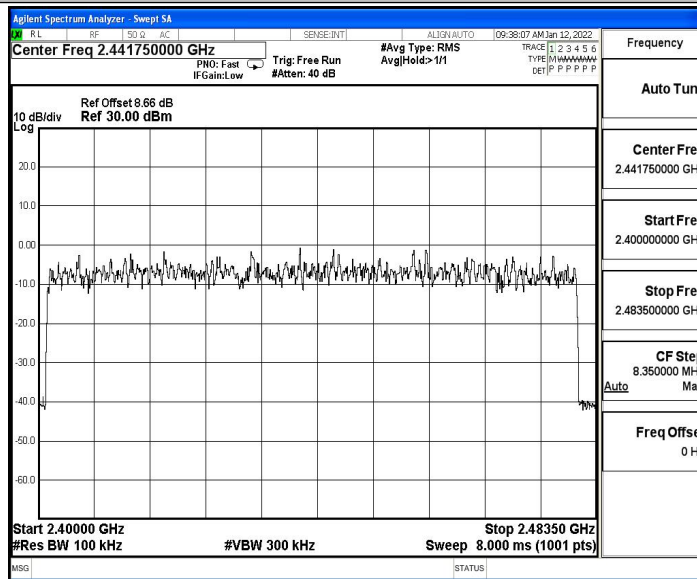


### Test Graphs

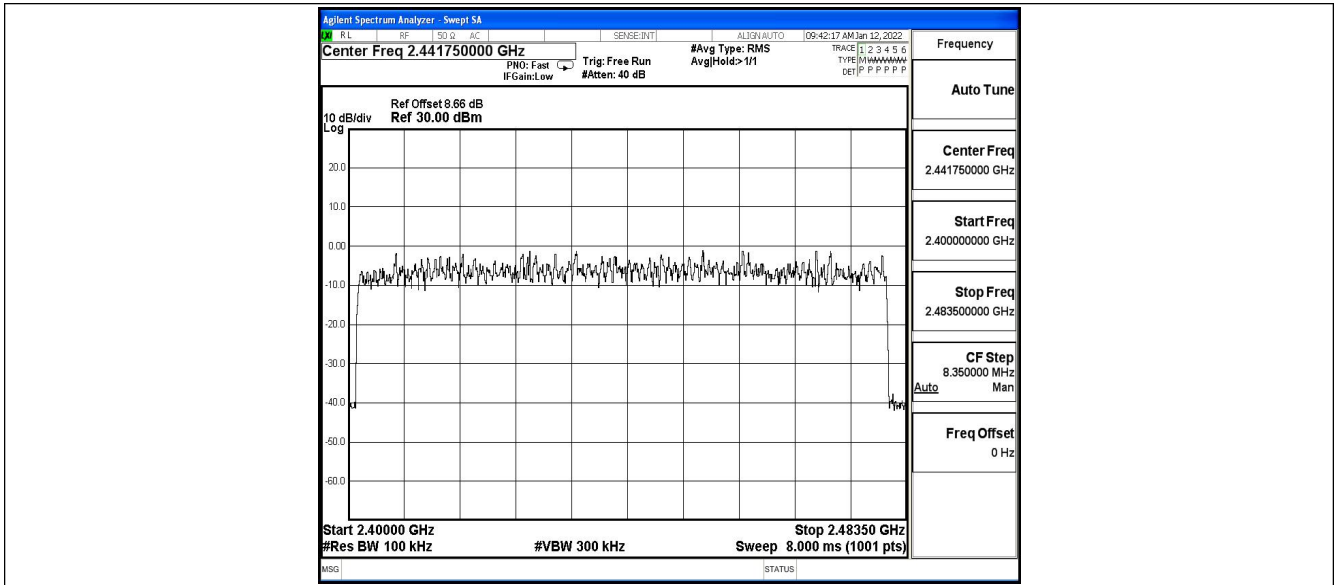
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop





## A.6 Band edge measurements

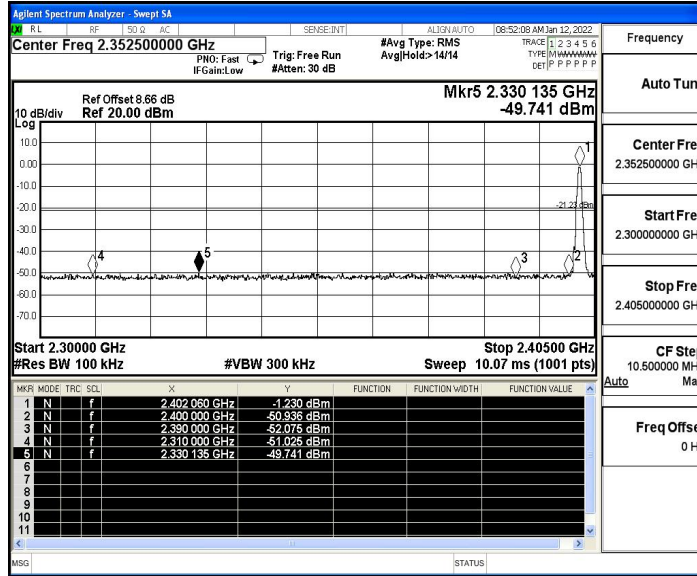
### Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.23	-49.74	$\leq -21.23$	PASS
		High	2480	-0.64	-48.22	$\leq -20.64$	PASS
		Low	Hop_2402	-1.60	-48.96	$\leq -21.6$	PASS
		High	Hop_2480	-0.53	-48.35	$\leq -20.53$	PASS
2DH5	Ant1	Low	2402	-2.94	-49.05	$\leq -22.94$	PASS
		High	2480	-2.16	-47.86	$\leq -22.16$	PASS
		Low	Hop_2402	-2.29	-49.32	$\leq -22.29$	PASS
		High	Hop_2480	-3.25	-48.53	$\leq -23.25$	PASS
3DH5	Ant1	Low	2402	-2.67	-48.26	$\leq -22.67$	PASS
		High	2480	-2.22	-48.59	$\leq -22.22$	PASS
		Low	Hop_2402	-5.93	-49.75	$\leq -25.93$	PASS
		High	Hop_2480	-4.63	-47.68	$\leq -24.63$	PASS

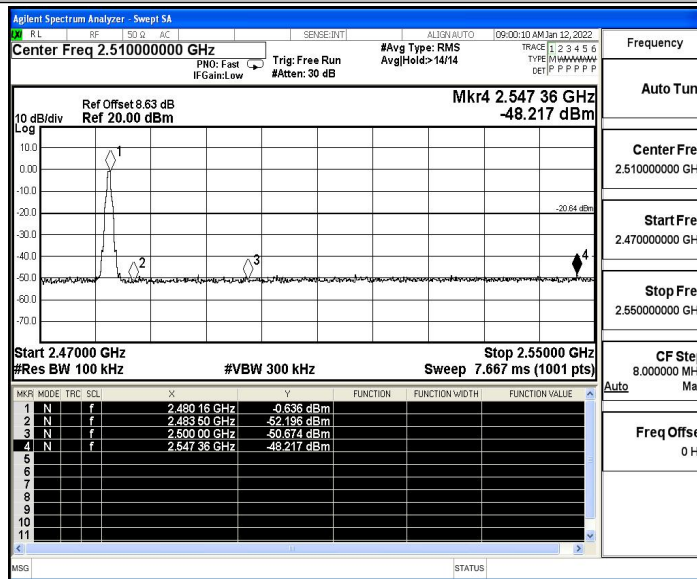


### Test Graphs

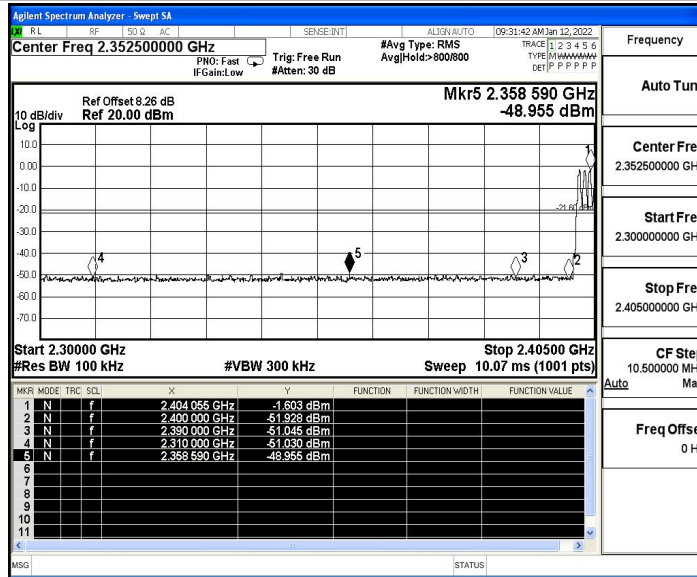
DH5\_Ant1\_Low\_2402



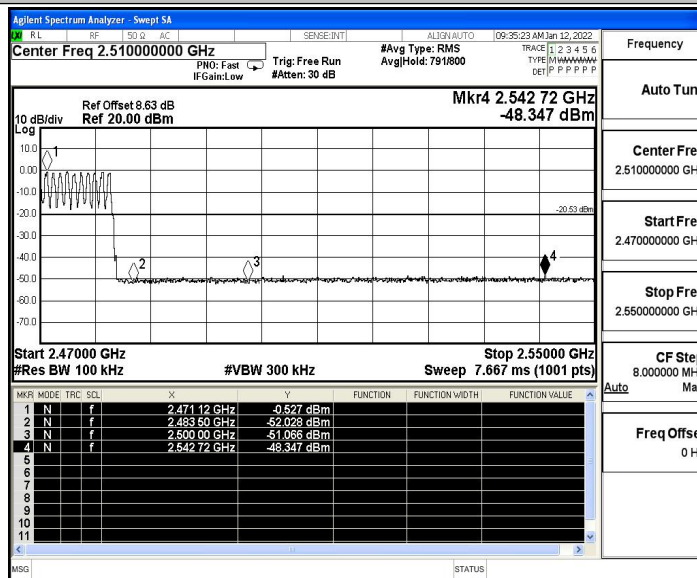
DH5\_Ant1\_High\_2480



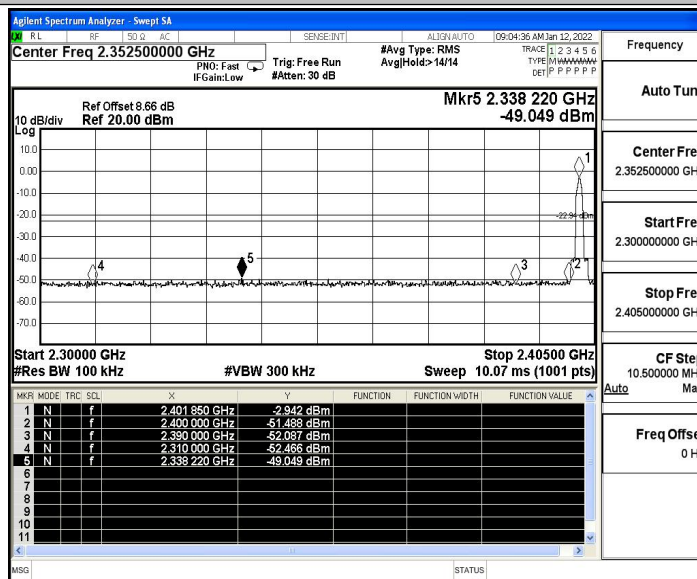
DH5\_Ant1\_Low\_Hop\_2402



DH5\_Ant1\_High\_Hop\_2480

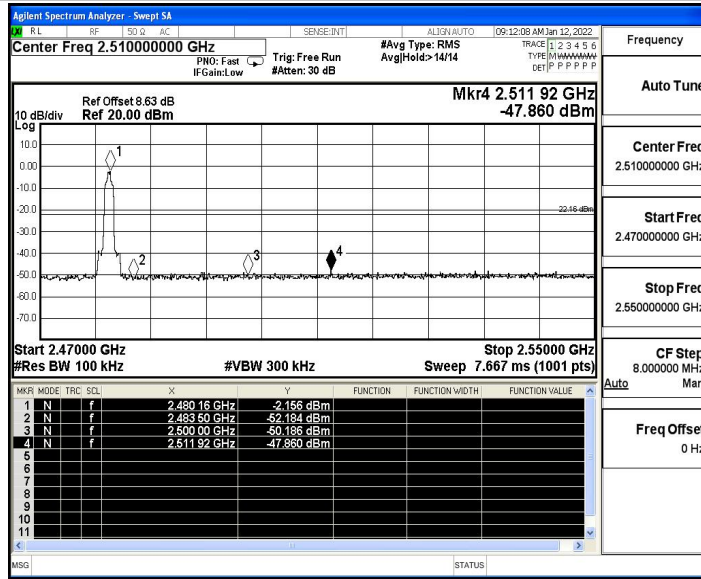


2DH5\_Ant1\_Low\_2402

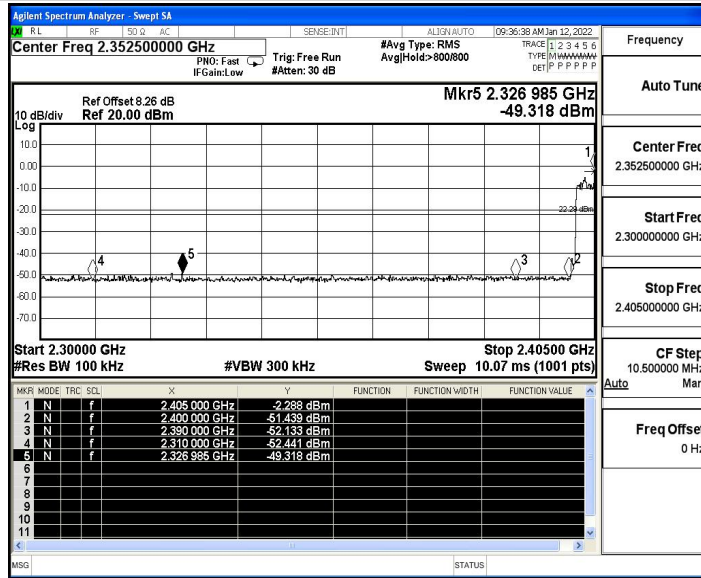




2DH5\_Ant1\_High\_2480



2DH5\_Ant1\_Low\_Hop\_2402



2DH5\_Ant1\_High\_Hop\_2480