

Mode2 / Polarization: Horizontal / CH: H

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	4960.000	63.02	-7.73	55.29	74.00	-18.71	peak
2 *	4960.000	57.55	-7.73	49.82	54.00	-4.18	AVG
3	7440.000	46.74	0.78	47.52	74.00	-26.48	peak
4	7440.000	40.58	0.78	41.36	54.00	-12.64	AVG
5	9920.000	51.59	2.47	54.06	74.00	-19.94	peak
6	9920.000	46.65	2.47	49.12	54.00	-4.88	AVG

Mode2 / Polarization: Vertical / CH: H

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	4960.000	54.97	-7.73	47.24	74.00	-26.76	peak
2	4960.000	49.09	-7.73	41.36	54.00	-12.64	AVG
3	7440.000	46.56	0.78	47.34	74.00	-26.66	peak
4	7440.000	40.60	0.78	41.38	54.00	-12.62	AVG
5	9920.000	48.97	2.47	51.44	74.00	-22.56	peak
6 *	9920.000	43.00	2.47	45.47	54.00	-8.53	AVG

Right:

Mode2 / Polarization: Horizontal / CH: L								
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
							Detector	
1		4804.000	59.05	-7.70	51.35	74.00	-22.65	peak
2	*	4804.000	54.06	-7.70	46.36	54.00	-7.64	AVG
3		7206.000	46.03	0.84	46.87	74.00	-27.13	peak
4		7206.000	40.52	0.84	41.36	54.00	-12.64	AVG
5		9608.000	49.25	1.81	51.06	74.00	-22.94	peak
6		9608.000	44.51	1.81	46.32	54.00	-7.68	AVG

Mode2 / Polarization: Vertical / CH: L								
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
							Detector	
1		4804.000	53.49	-7.70	45.79	74.00	-28.21	peak
2		4804.000	48.06	-7.70	40.36	54.00	-13.64	AVG
3		7206.000	46.44	0.84	47.28	74.00	-26.72	peak
4		7206.000	41.41	0.84	42.25	54.00	-11.75	AVG
5		9608.000	48.85	1.81	50.66	74.00	-23.34	peak
6	*	9608.000	43.86	1.81	45.67	54.00	-8.33	AVG

Mode2 / Polarization: Horizontal / CH: M

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	4882.000	52.14	-7.84	44.30	74.00	-29.70	peak
2	4882.000	47.38	-7.84	39.54	54.00	-14.46	AVG
3	7323.000	47.35	0.61	47.96	74.00	-26.04	peak
4	7323.000	45.06	0.61	45.67	54.00	-8.33	AVG
5	9764.000	48.67	2.61	51.28	74.00	-22.72	peak
6 *	9764.000	43.97	2.61	46.58	54.00	-7.42	AVG

Mode2 / Polarization: Vertical / CH: M

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	4882.000	58.72	-7.84	50.88	74.00	-23.12	peak
2	4882.000	53.68	-7.84	45.84	54.00	-8.16	AVG
3	7323.000	46.76	0.61	47.37	74.00	-26.63	peak
4	7323.000	41.71	0.61	42.32	54.00	-11.68	AVG
5	9764.000	48.89	2.61	51.50	74.00	-22.50	peak
6 *	9764.000	43.64	2.61	46.25	54.00	-7.75	AVG

Mode2 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	57.95	-7.73	50.22	74.00	-23.78	peak
2		4960.000	53.05	-7.73	45.32	54.00	-8.68	AVG
3		7440.000	46.30	0.78	47.08	74.00	-26.92	peak
4		7440.000	41.34	0.78	42.12	54.00	-11.88	AVG
5		9920.000	48.58	2.47	51.05	74.00	-22.95	peak
6	*	9920.000	43.77	2.47	46.24	54.00	-7.76	AVG

Mode2 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	53.76	-7.73	46.03	74.00	-27.97	peak
2		4960.000	48.85	-7.73	41.12	54.00	-12.88	AVG
3		7440.000	46.80	0.78	47.58	74.00	-26.42	peak
4		7440.000	41.58	0.78	42.36	54.00	-11.64	AVG
5		9920.000	48.16	2.47	50.63	74.00	-23.37	peak
6	*	9920.000	43.11	2.47	45.58	54.00	-8.42	AVG

## Photographs of the test setup

Refer to Appendix - test setup

## Photographs of the EUT

Refer to Appendix - EUT Photos

# Appendix

**Note: Both left and right earphones were tested, and the report only showed worst data on the right earphone.**

## Appendix A: 20dB Emission Bandwidth

### Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.957
		2441	1.023
		2480	0.957
2DH5	Ant1	2402	1.290
		2441	1.320
		2480	1.329

## Test Graphs





**2DH5\_Ant1\_2402**

**2DH5\_Ant1\_2441**

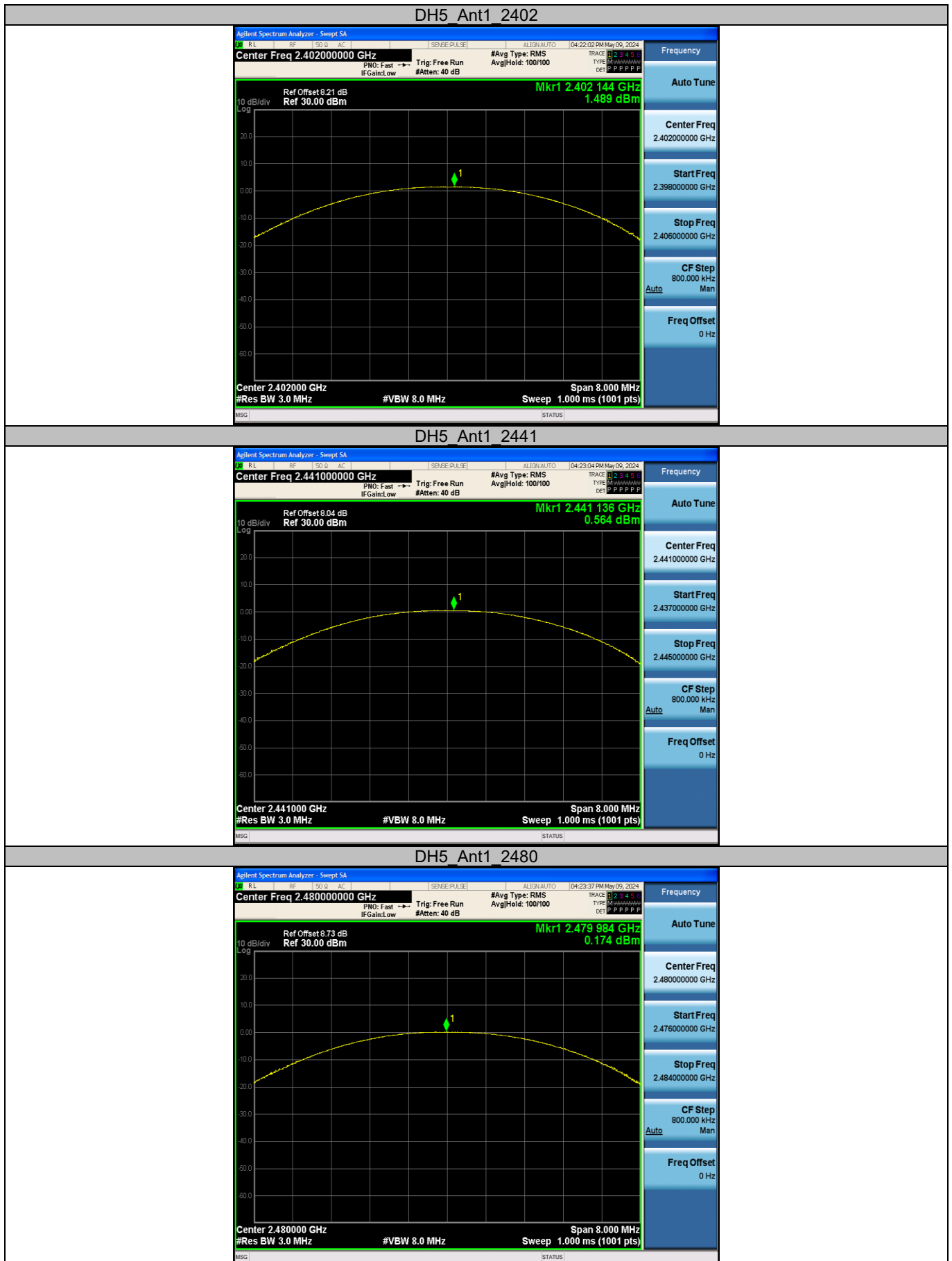
**2DH5\_Ant1\_2480**


## Appendix B: Maximum conducted output power

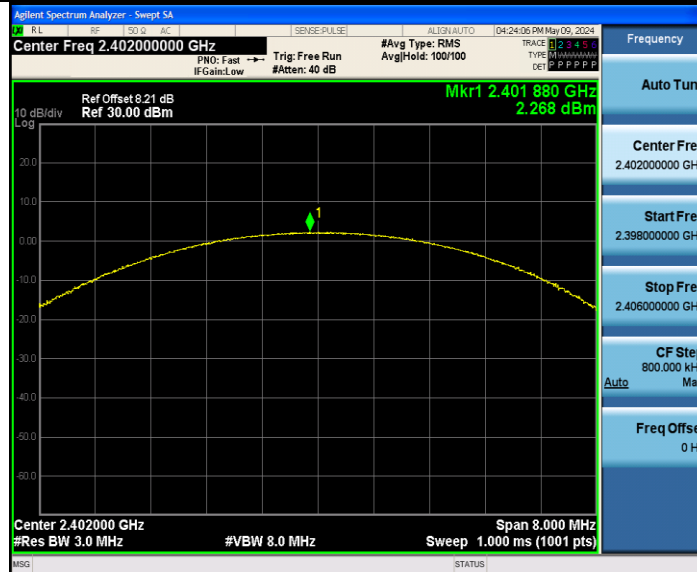
### Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	1.49	≤30	PASS
		2441	0.56	≤30	PASS
		2480	0.17	≤30	PASS
2DH5	Ant1	2402	2.27	≤20.97	PASS
		2441	1.32	≤20.97	PASS
		2480	0.94	≤20.97	PASS

## Test Graphs



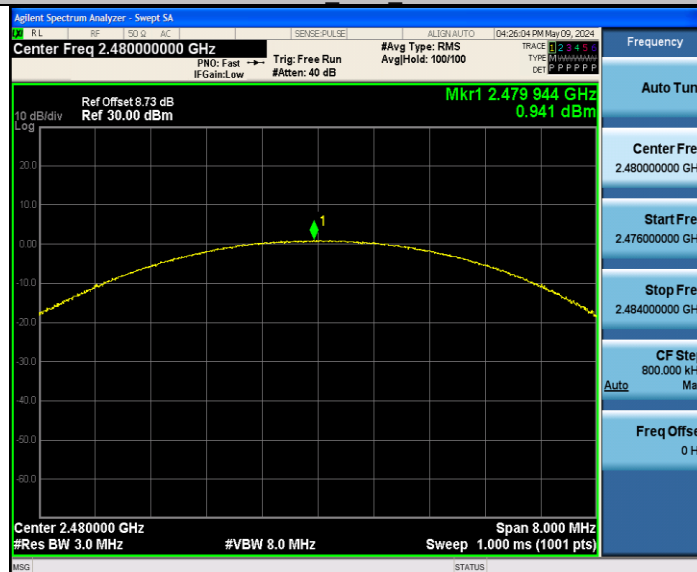
## 2DH5\_Ant1\_2402



## 2DH5\_Ant1\_2441



## 2DH5\_Ant1\_2480



## Appendix C: Carrier frequency separation

### Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1	$\geq 0.682$	PASS
2DH5	Ant1	Hop	1	$\geq 0.886$	PASS

## Test Graphs



## Appendix D: Time of occupancy

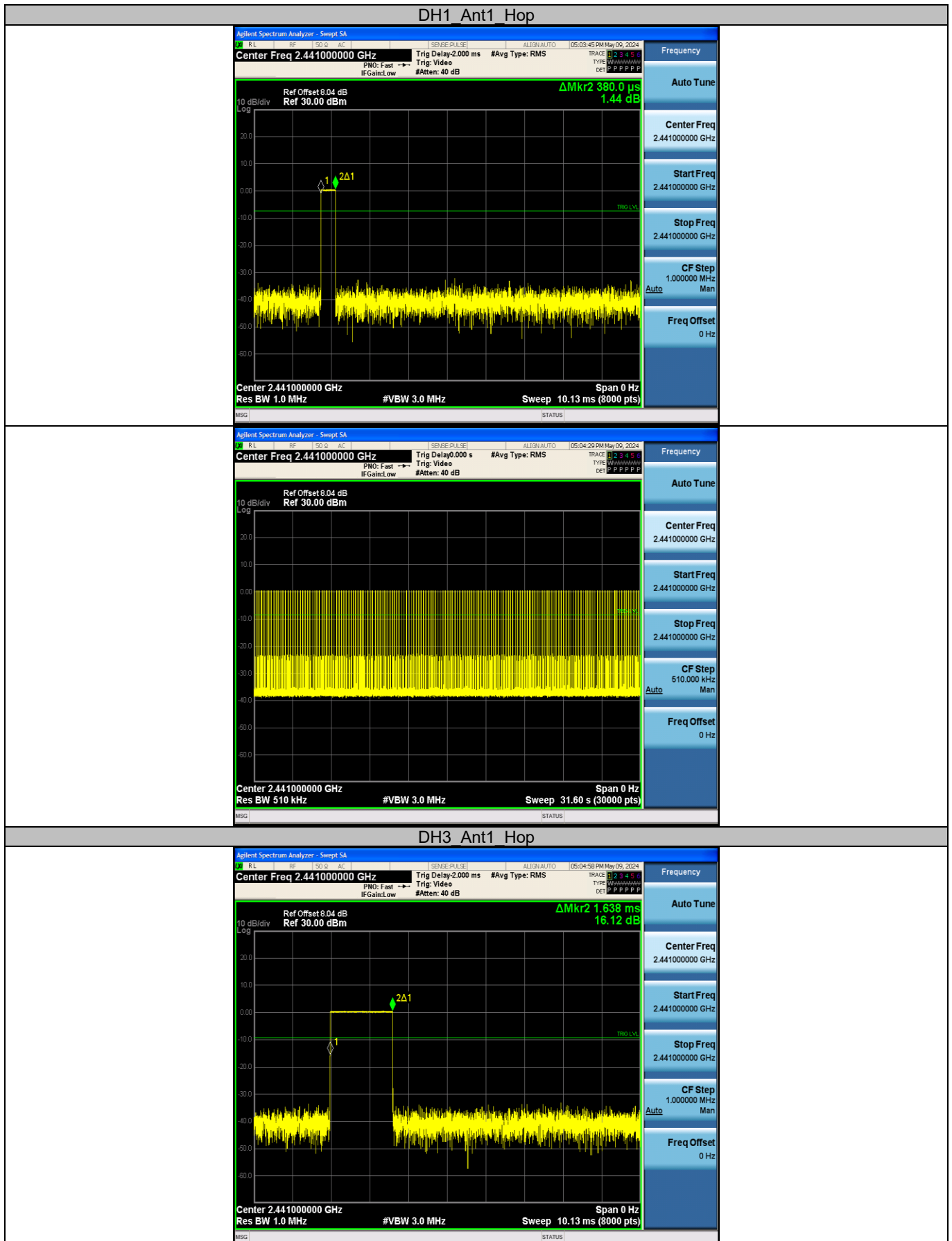
### Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.380	316	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.885	113	0.326	≤0.4	PASS
2DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.642	168	0.276	≤0.4	PASS
2DH5	Ant1	Hop	2.889	108	0.312	≤0.4	PASS

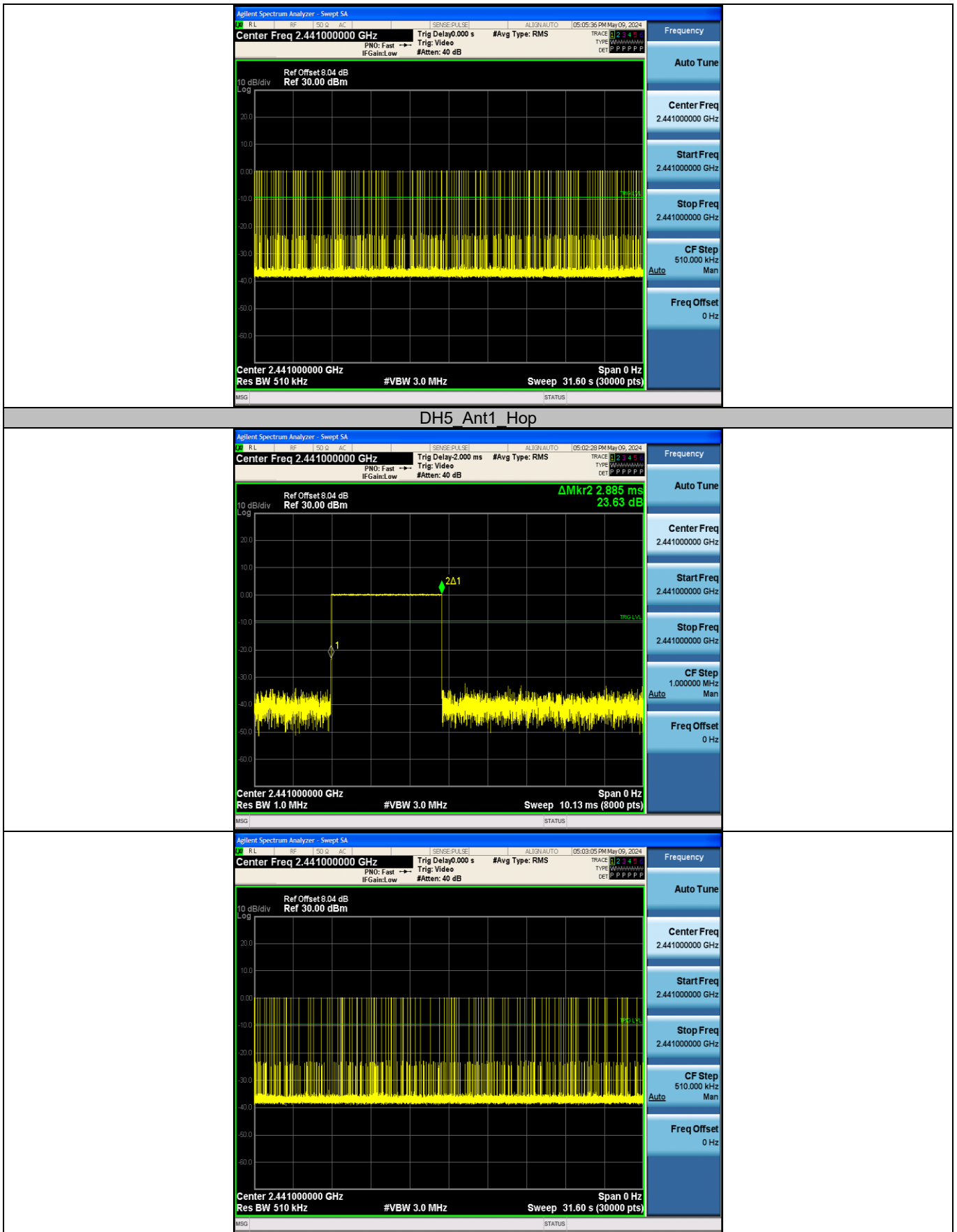
### Notes:

1. Period time = 0.4s \* 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] \* Hops in 31.6s [Num]

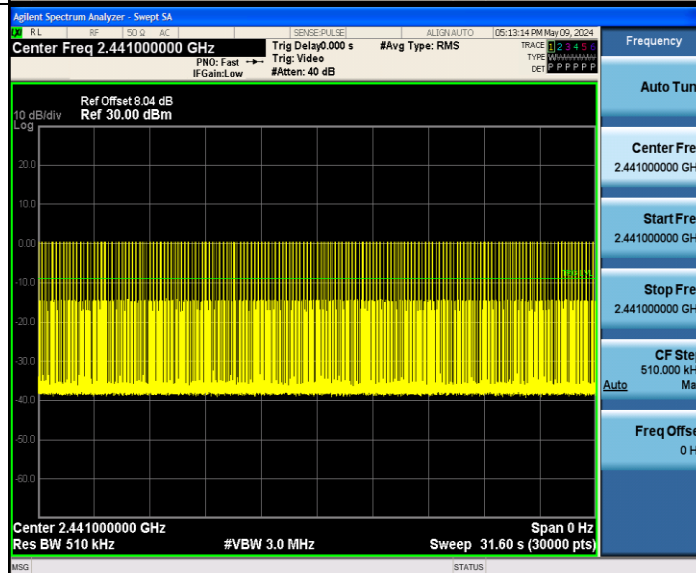
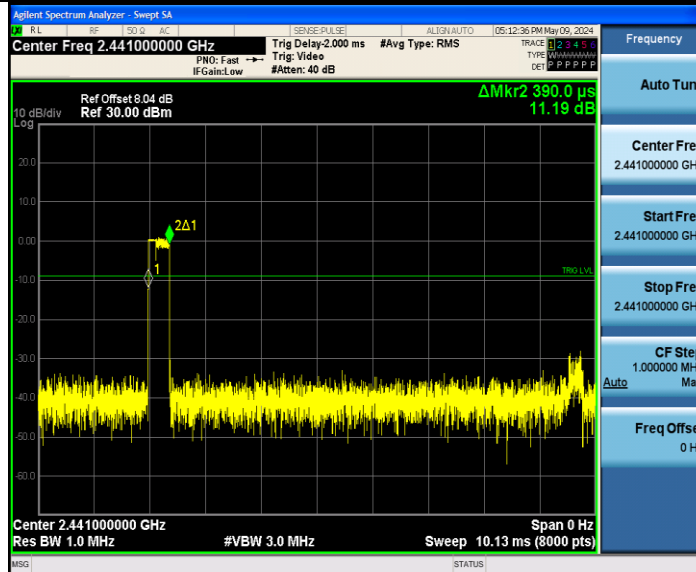
## Test Graphs



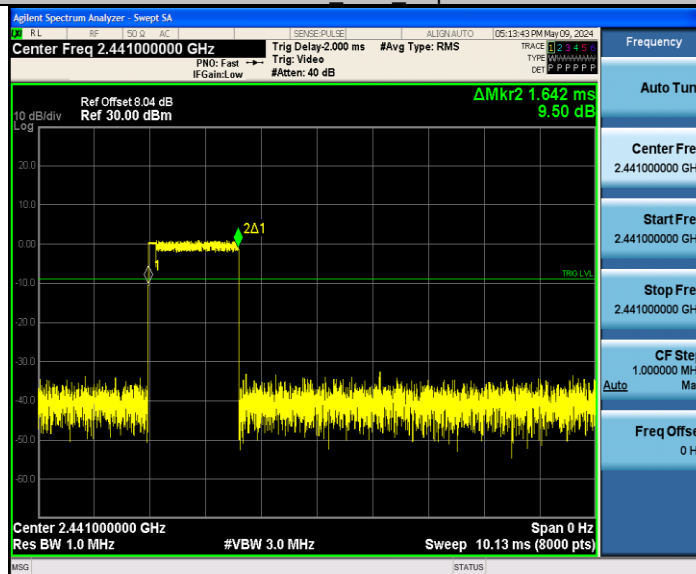


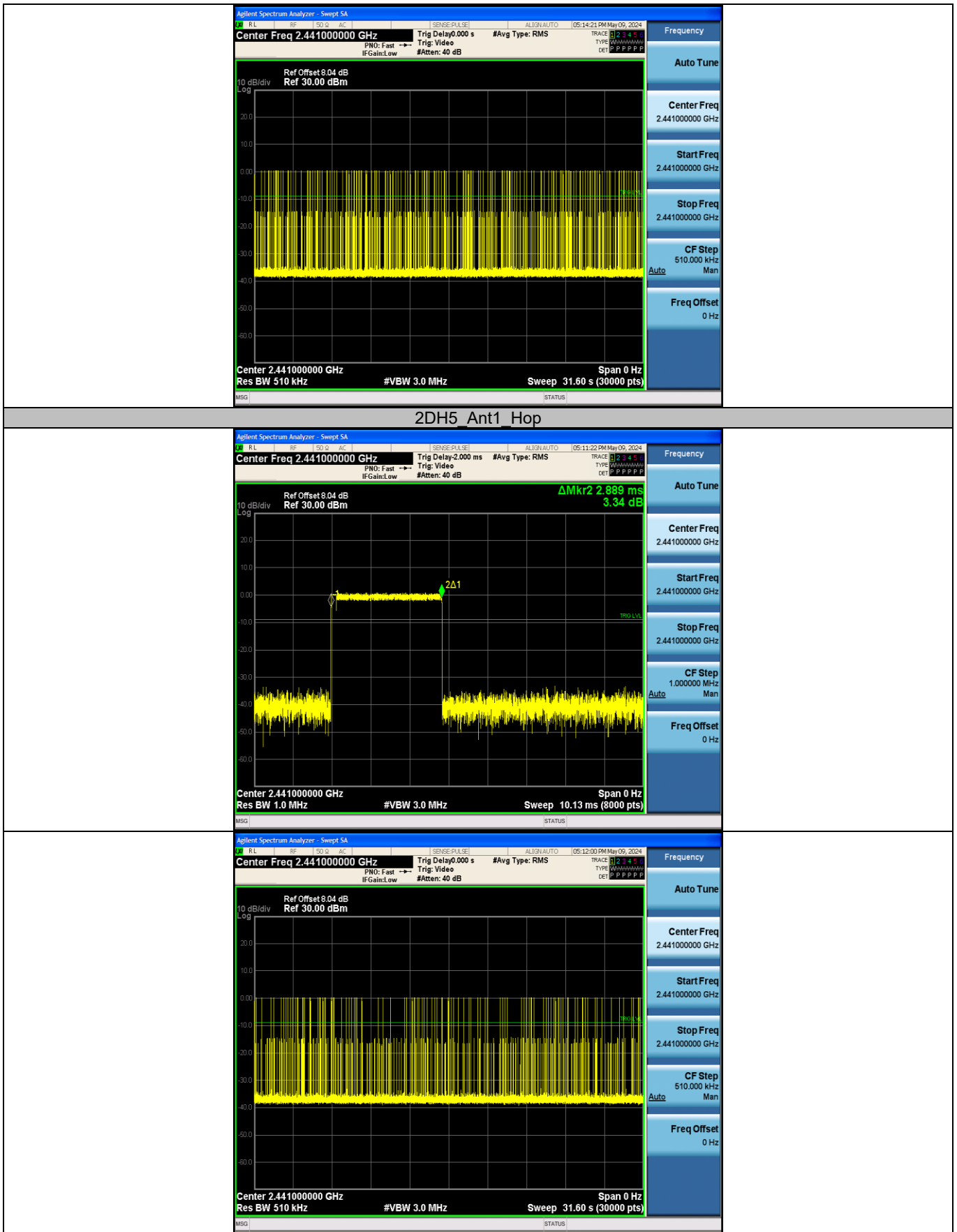


## 2DH1 Ant1 Hop



## 2DH3 Ant1 Hop





## Appendix E: Number of hopping channels

### Test Result

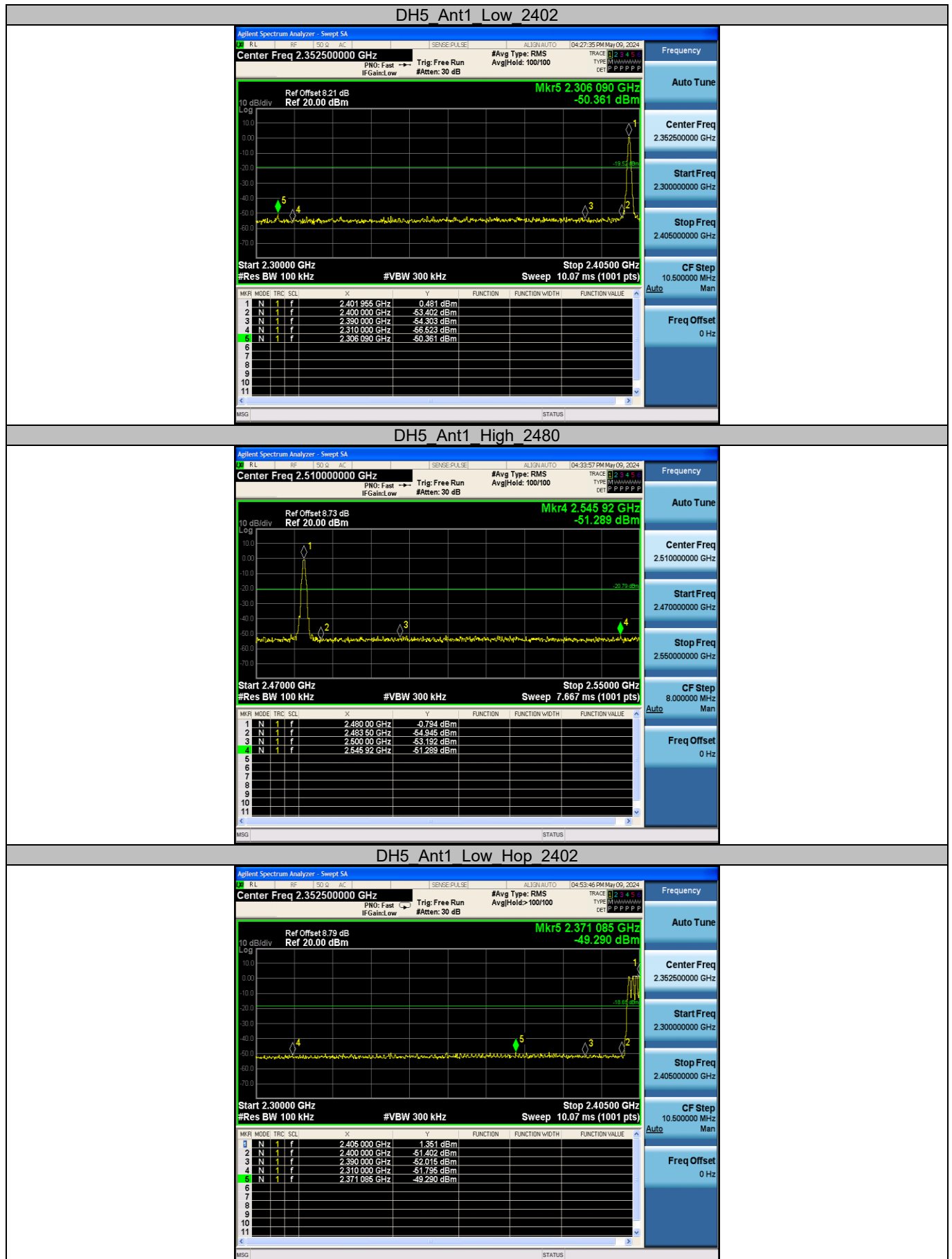
Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

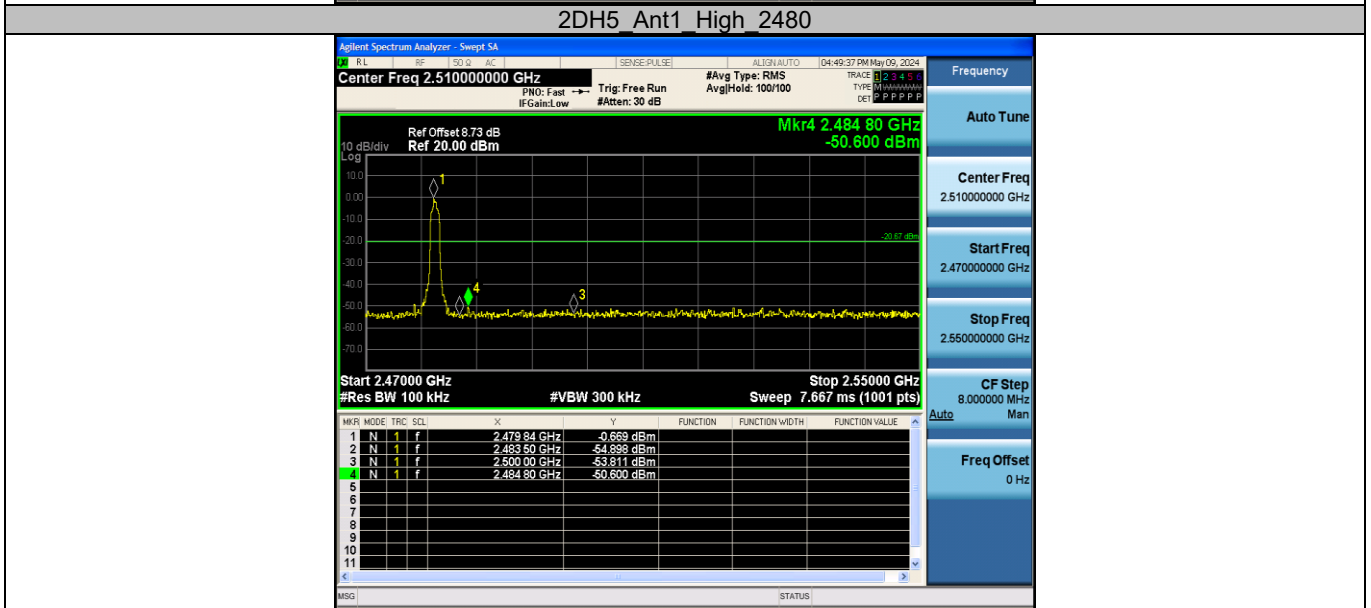
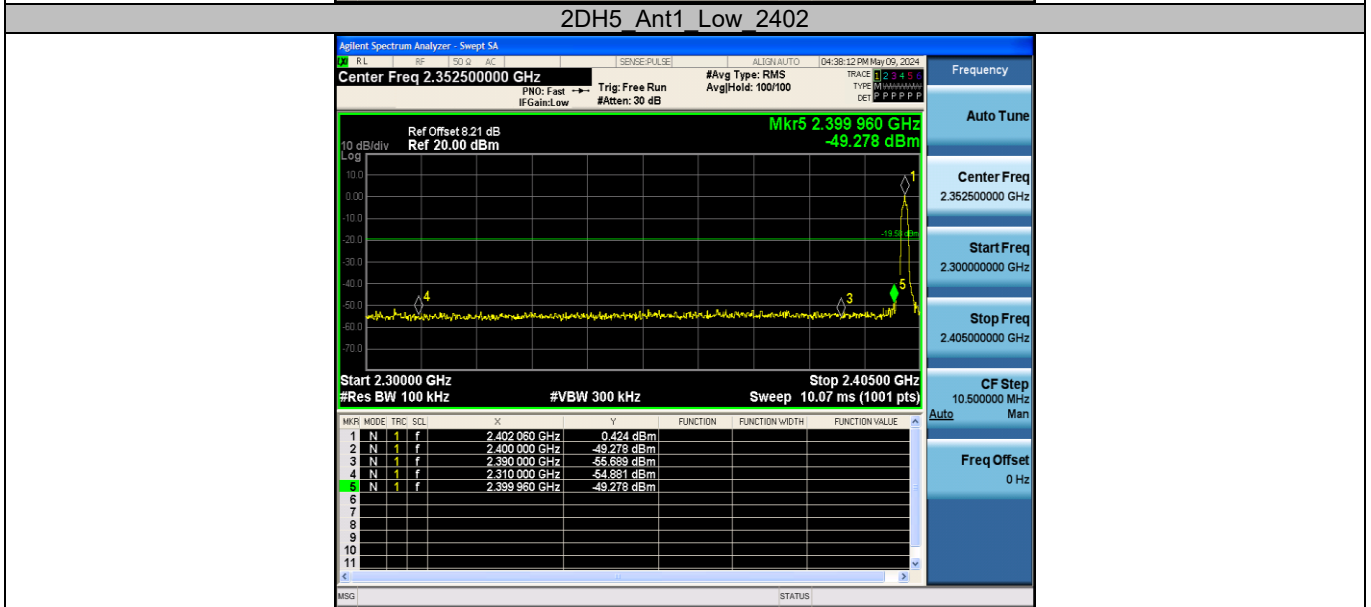
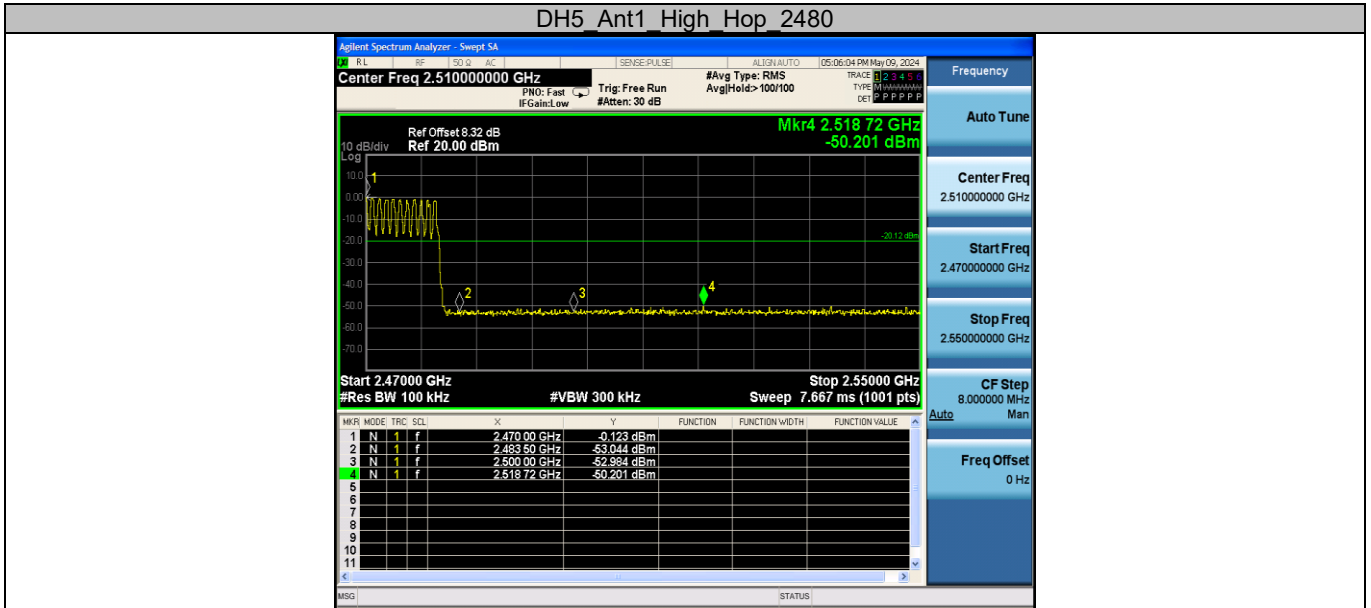
## Test Graphs



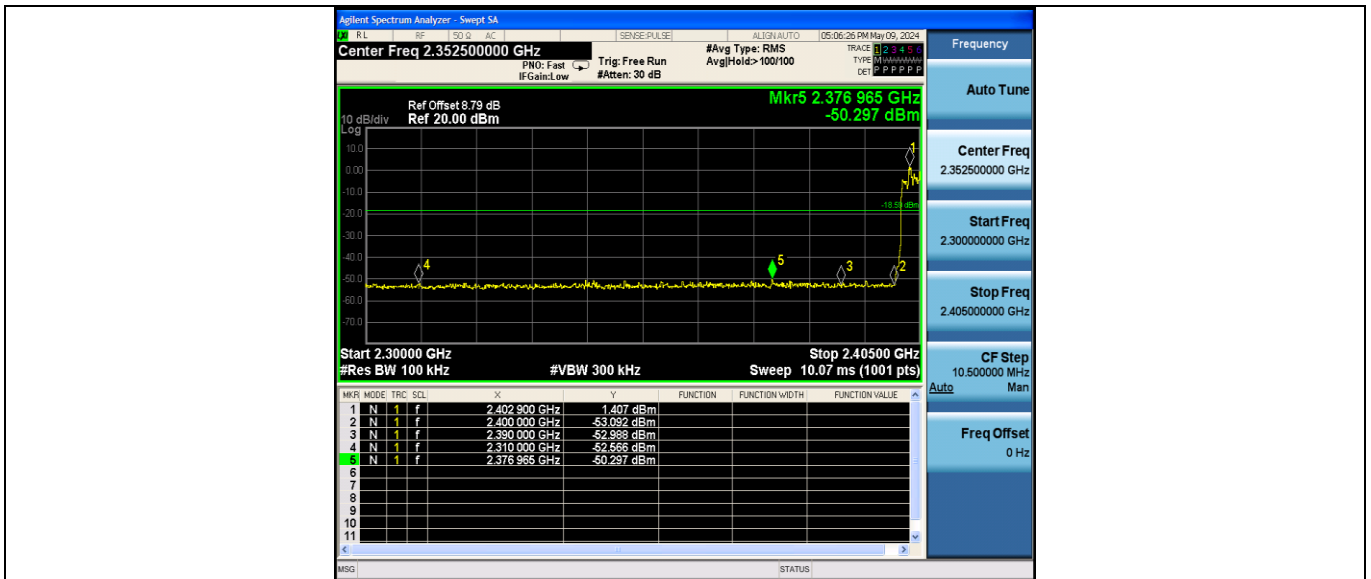
## Appendix F: Band edge measurements

### Test Graphs

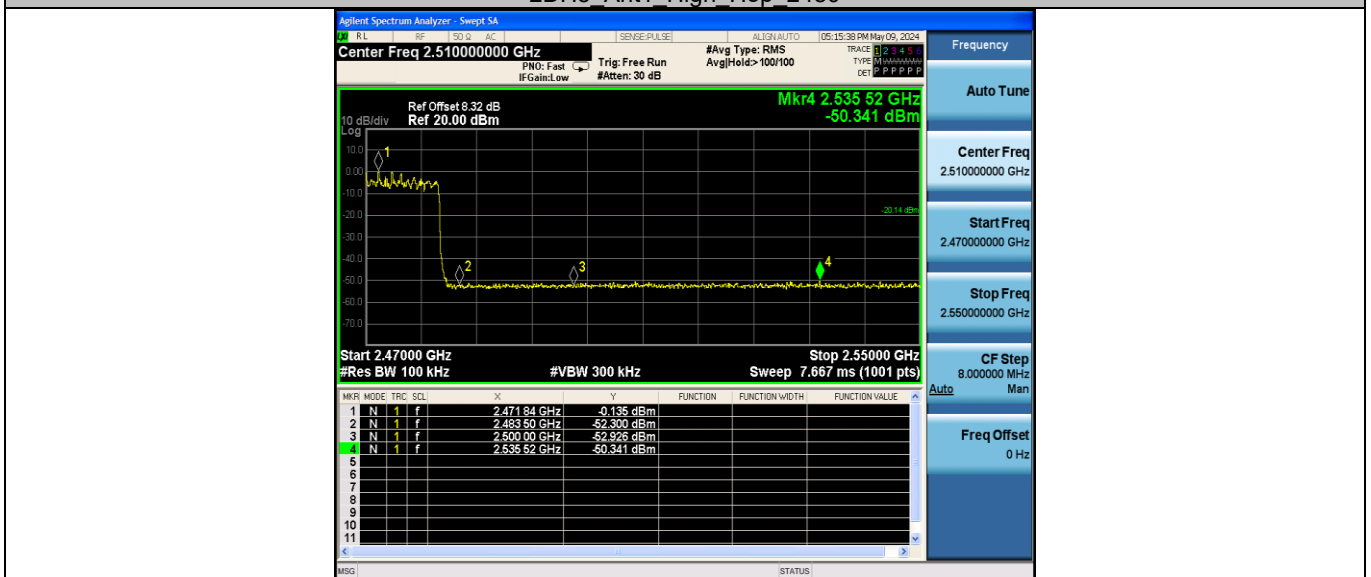




### 2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480

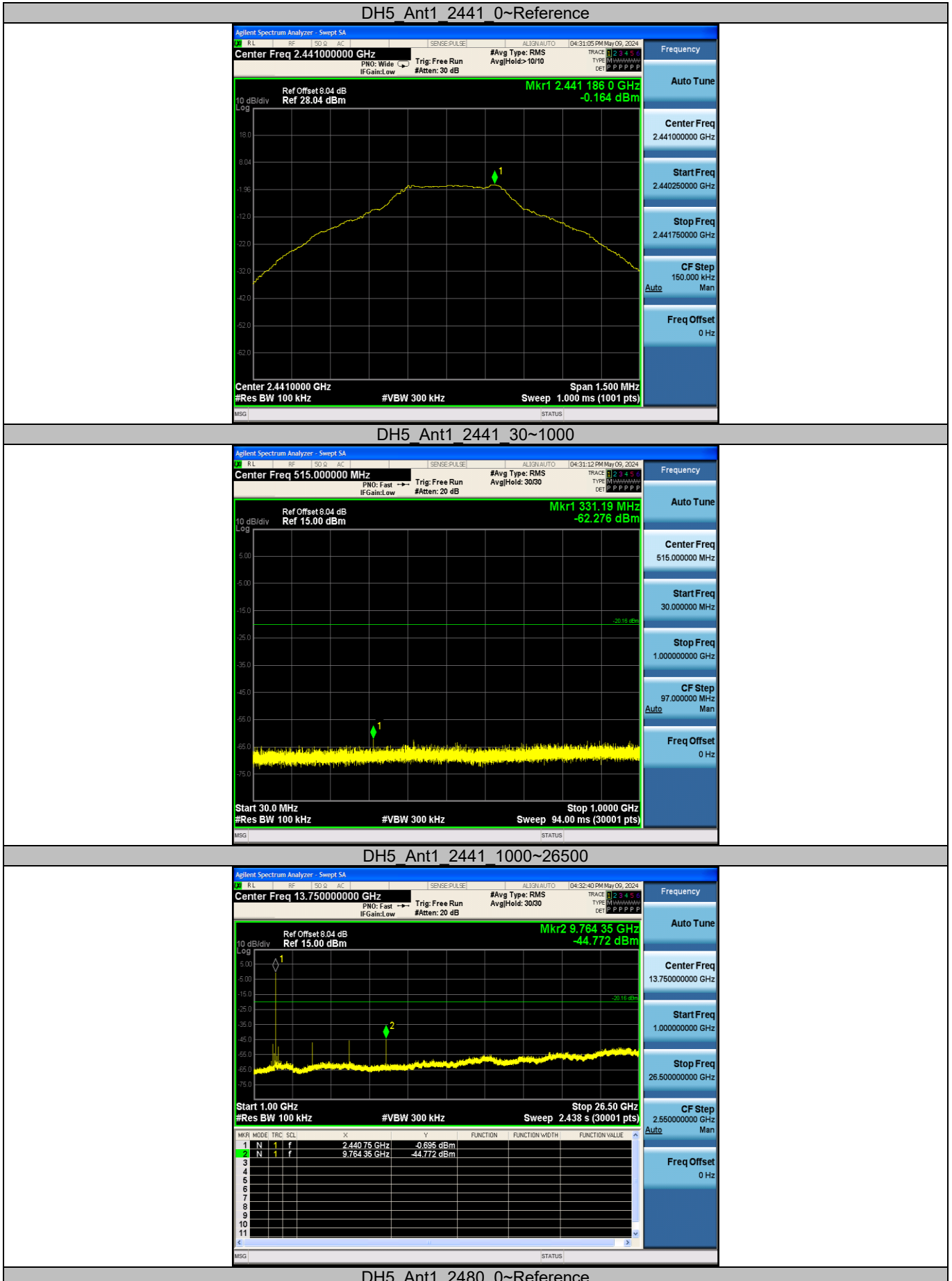


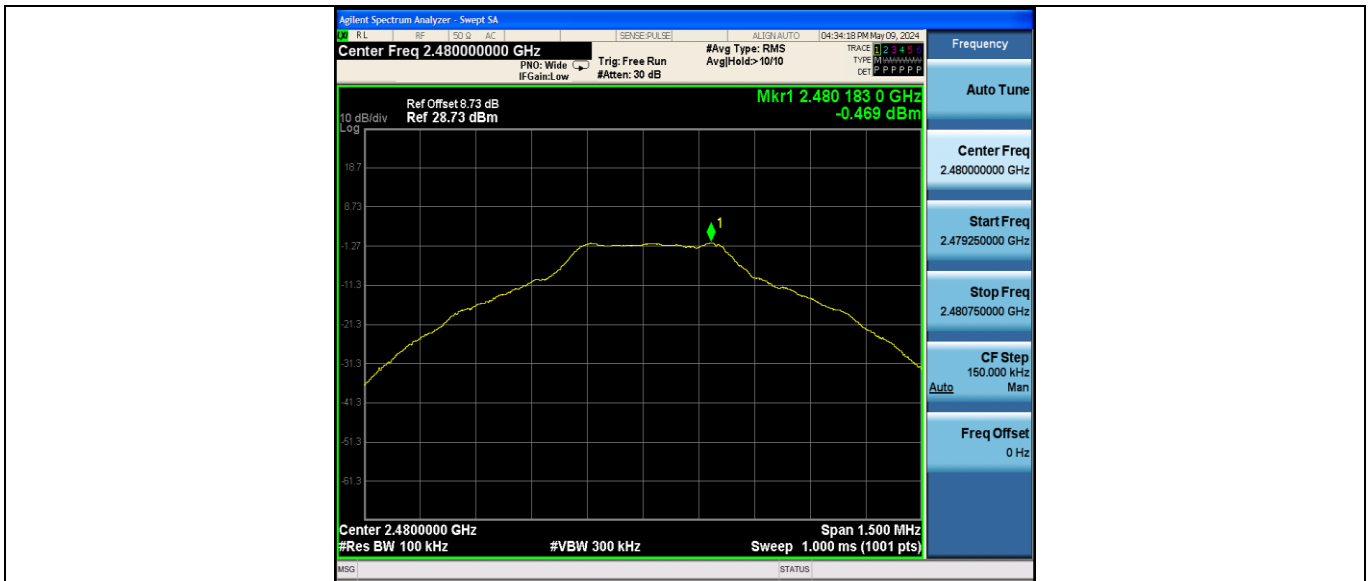


## Appendix G: Conducted Spurious Emission

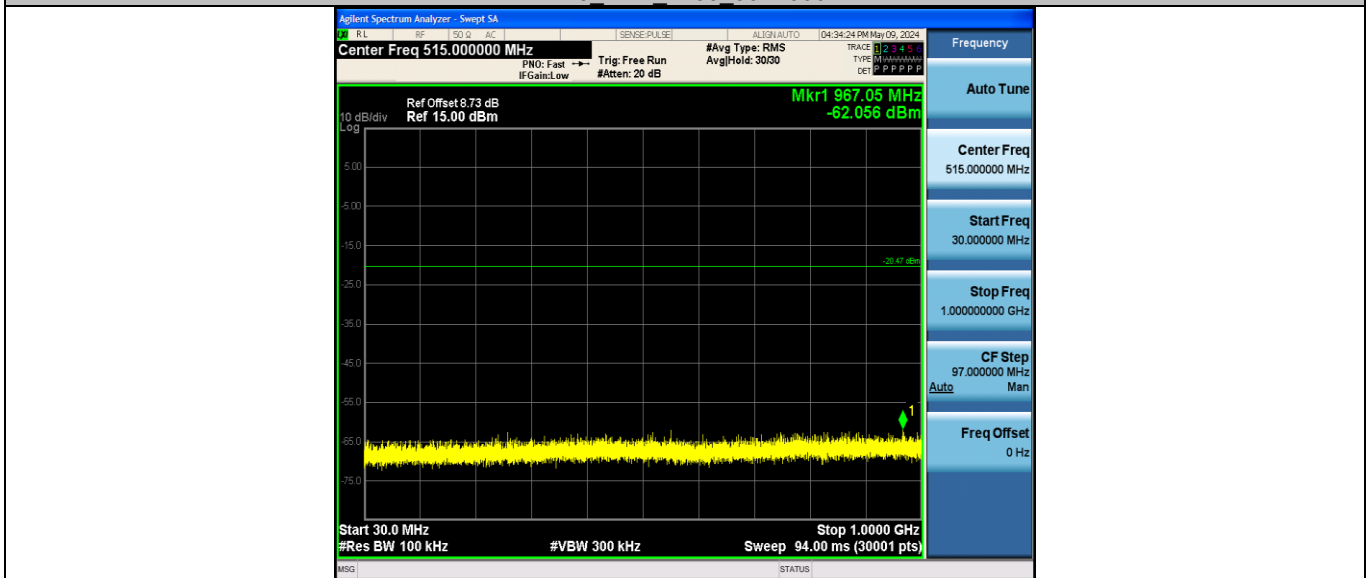
### Test Graphs



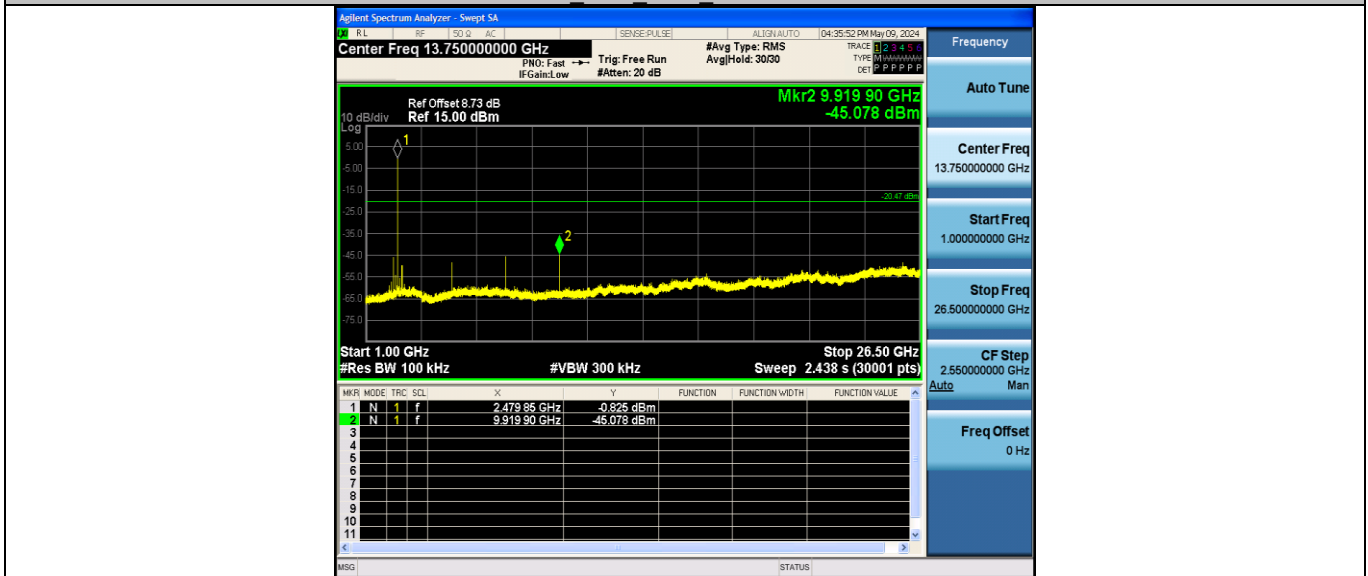




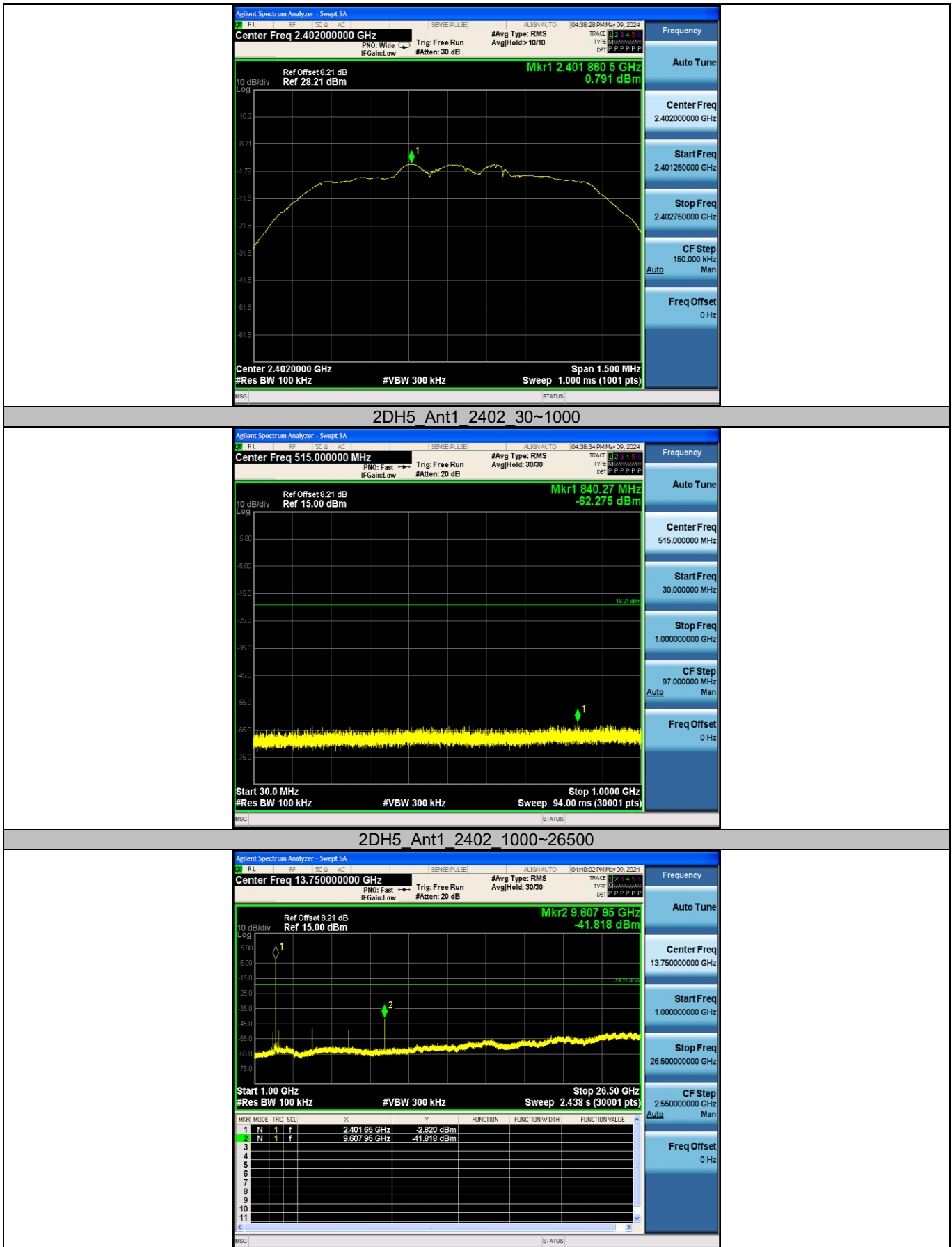
DH5\_Ant1\_2480\_30~1000

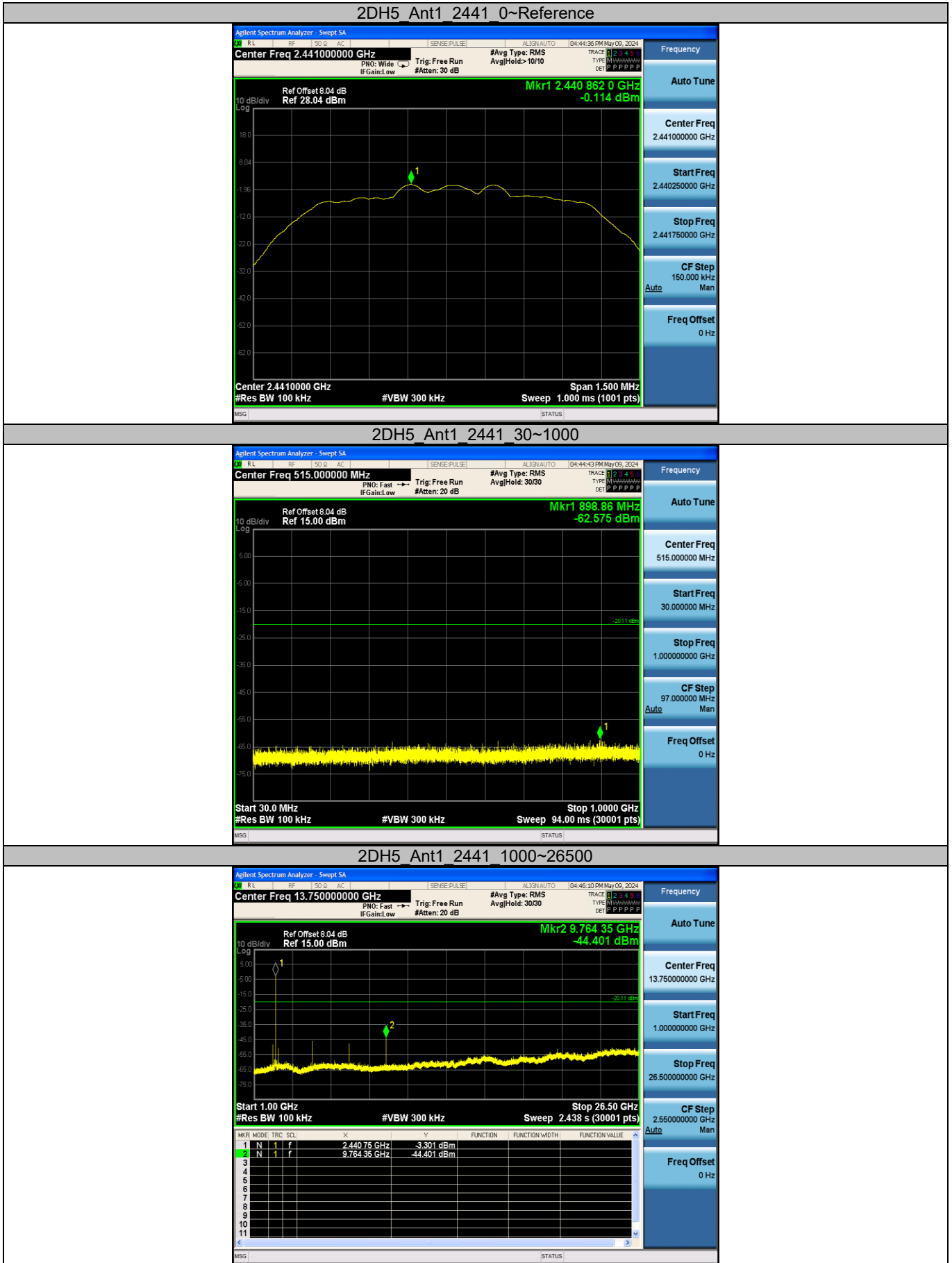


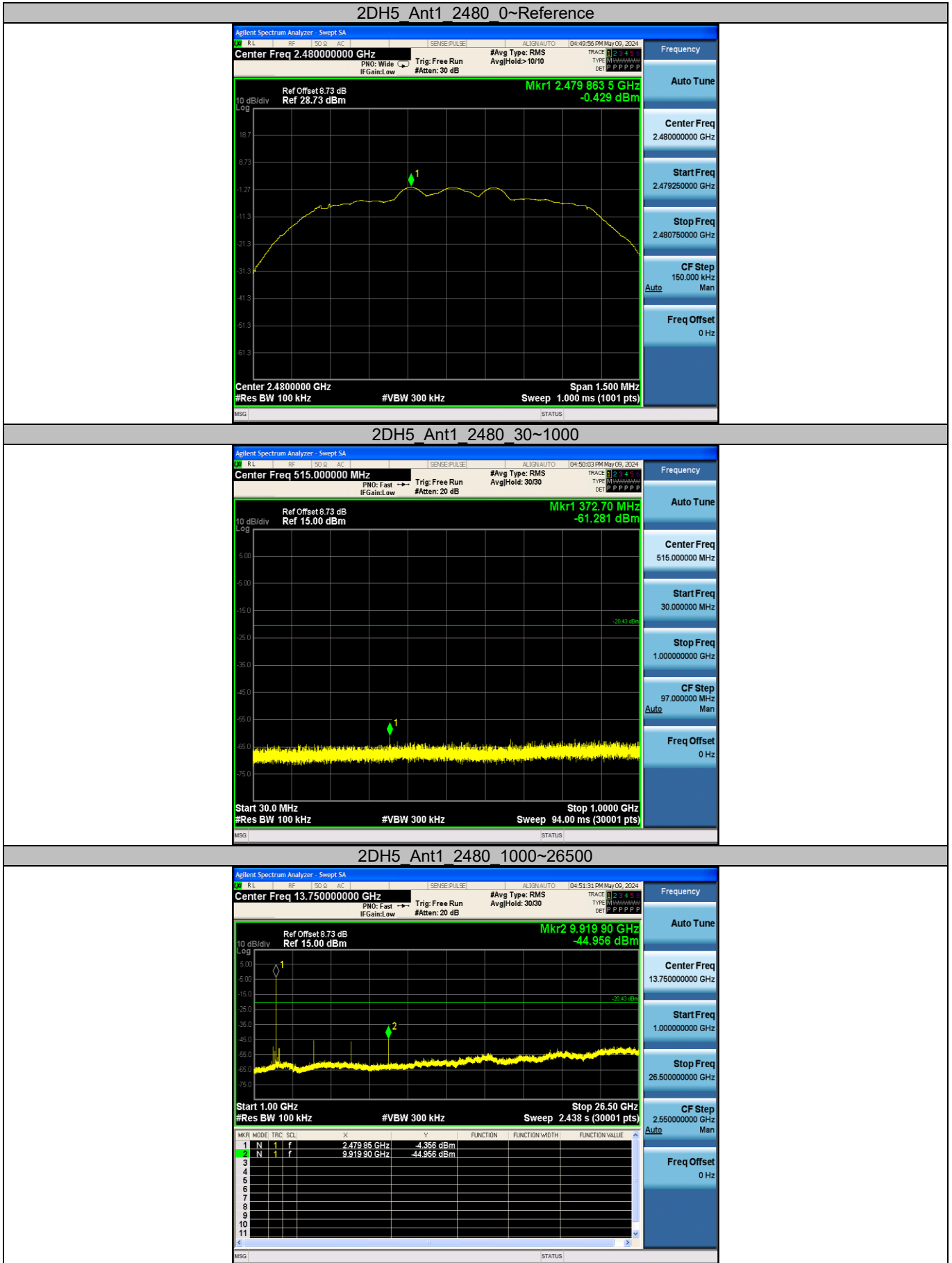
DH5\_Ant1\_2480\_1000~26500



2DH5\_Ant1\_2402\_0~Reference







----End of Report----