6.9.3 Test Data:

Mode3 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4804.000	52.63	-7.70	44.93	74.00	-29.07	peak
2		4804.000	47.85	-7.70	40.15	54.00	-13.85	AVG
3		7206.000	49.81	0.84	50.65	74.00	-23.35	peak
4	*	7206.000	45.53	0.84	46.37	54.00	-7.63	AVG
5		9608.000	47.84	1.81	49.65	74.00	-24.35	peak
6		9608.000	41.58	1.81	43.39	54.00	-10.61	AVG

Mode3 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4804.000	49.73	-7.70	42.03	74.00	-31.97	peak
2		4804.000	45.84	-7.70	38.14	54.00	-15.86	AVG
3		7206.000	47.08	0.84	47.92	74.00	-26.08	peak
4		7206.000	41.35	0.84	42.19	54.00	-11.81	AVG
5		9608.000	47.57	1.81	49.38	74.00	-24.62	peak
6	*	9608.000	41.56	1.81	43.37	54.00	-10.63	AVG

Mode3 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4882.000	49.57	-7.84	41.73	74.00	-32.27	peak
2		4882.000	46.01	-7.84	38.17	54.00	-15.83	AVG
3		7323.000	49.96	0.61	50.57	74.00	-23.43	peak
4	*	7323.000	45.60	0.61	46.21	54.00	-7.79	AVG
5		9764.000	47.03	2.61	49.64	74.00	-24.36	peak
6		9764.000	40.66	2.61	43.27	54.00	-10.73	AVG

Mode3 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4882.000	49.83	-7.84	41.99	74.00	-32.01	peak
2		4882.000	44.99	-7.84	37.15	54.00	-16.85	AVG
3		7323.000	47.58	0.61	48.19	74.00	-25.81	peak
4		7323.000	41.58	0.61	42.19	54.00	-11.81	AVG
5		9764.000	47.66	2.61	50.27	74.00	-23.73	peak
6	*	9764.000	43.67	2.61	46.28	54.00	-7.72	AVG

Mode3 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	50.06	-7.73	42.33	74.00	-31.67	peak
2		4960.000	45.87	-7.73	38.14	54.00	-15.86	AVG
3		7440.000	49.17	0.78	49.95	74.00	-24.05	peak
4		7440.000	42.47	0.78	43.25	54.00	-10.75	AVG
5		9920.000	48.63	2.47	51.10	74.00	-22.90	peak
6	*	9920.000	44.69	2.47	47.16	54.00	-6.84	AVG

Mode3 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	49.24	-7.73	41.51	74.00	-32.49	peak
2		4960.000	44.89	-7.73	37.16	54.00	-16.84	AVG
3		7440.000	47.51	0.78	48.29	74.00	-25.71	peak
4		7440.000	43.50	0.78	44.28	54.00	-9.72	AVG
5		9920.000	48.01	2.47	50.48	74.00	-23.52	peak
6	*	9920.000	43.74	2.47	46.21	54.00	-7.79	AVG

Photographs of the test setup

Refer to Appendix - Test Setup Photos

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.960
		2441	0.939
		2480	0.957
2DH5	Ant1	2402	1.356
		2441	1.341
		2480	1.359
3DH5	Ant1	2402	1.356
		2441	1.290
		2480	1.305

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

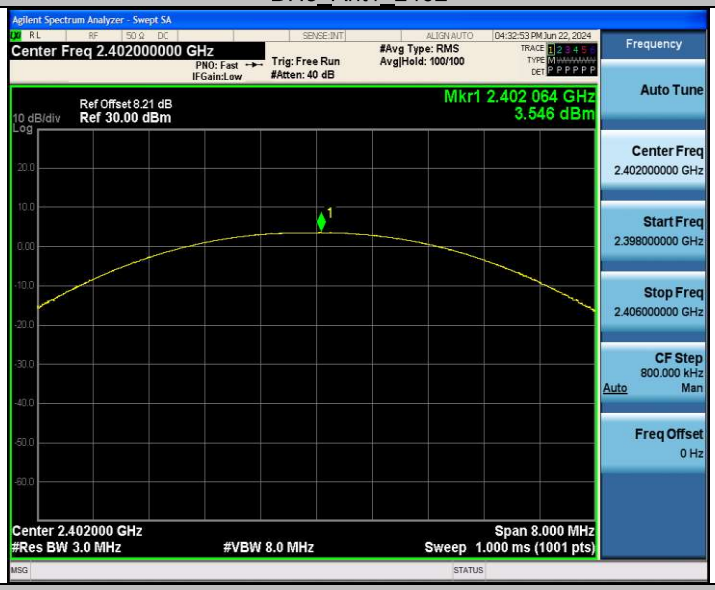
Appendix B: Maximum conducted output power

Test Result Peak

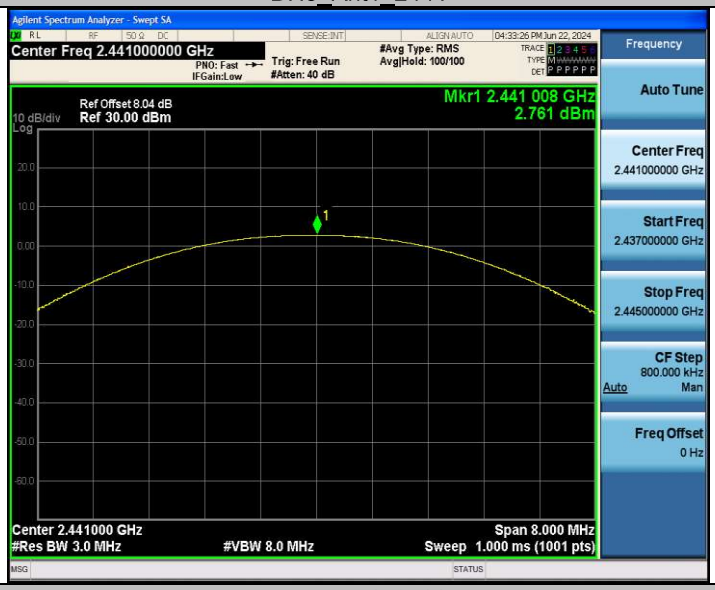
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	3.55	≤30	PASS
		2441	2.76	≤30	PASS
		2480	3.69	≤30	PASS
2DH5	Ant1	2402	5.82	≤20.97	PASS
		2441	5.04	≤20.97	PASS
		2480	5.94	≤20.97	PASS
3DH5	Ant1	2402	6.37	≤20.97	PASS
		2441	5.64	≤20.97	PASS
		2480	6.52	≤20.97	PASS

Test Graphs

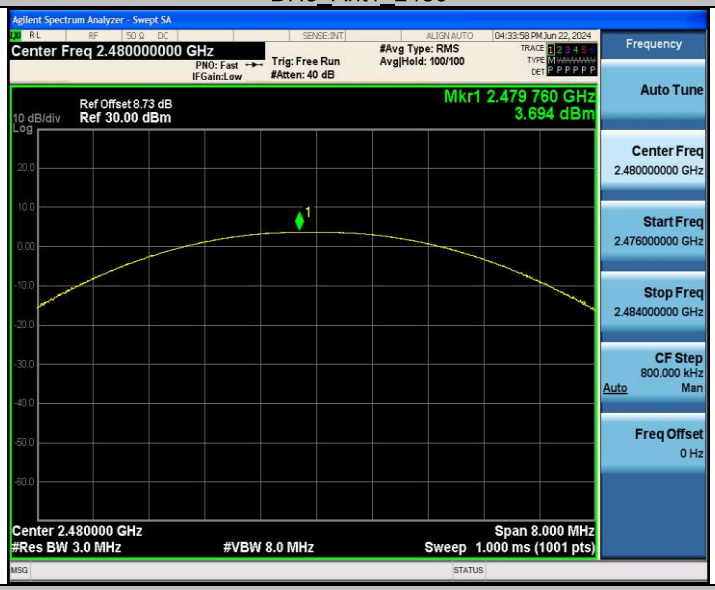
DH5_Ant1_2402



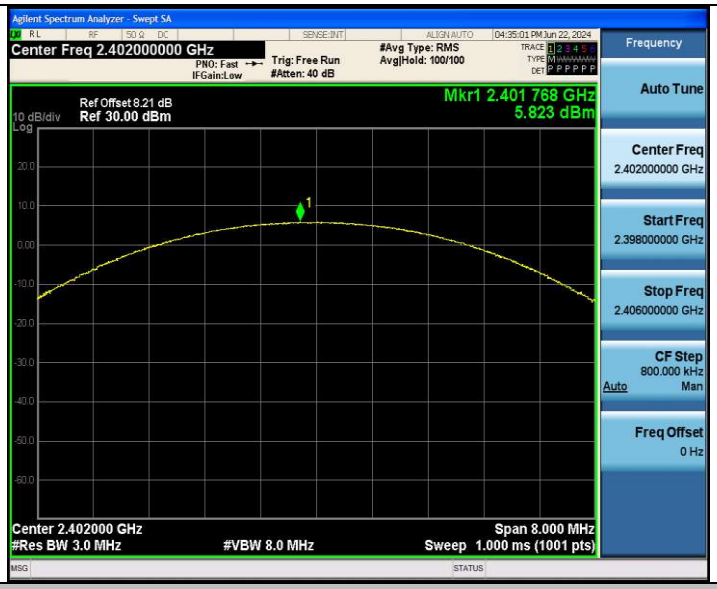
DH5_Ant1_2441



DH5_Ant1_2480

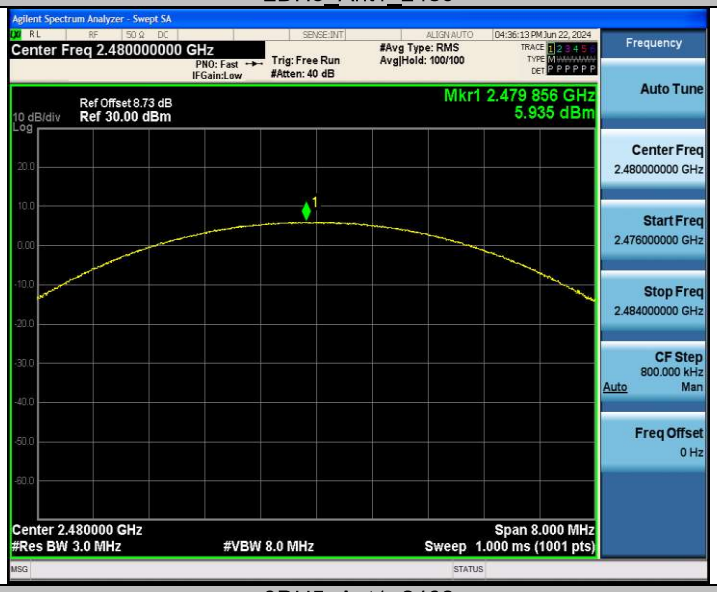


2DH5_Ant1_2402

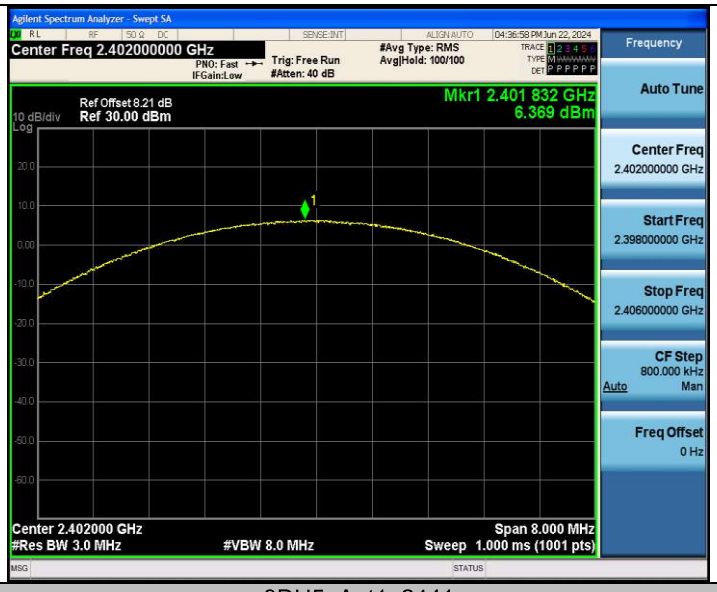


2DH5_Ant1_2441

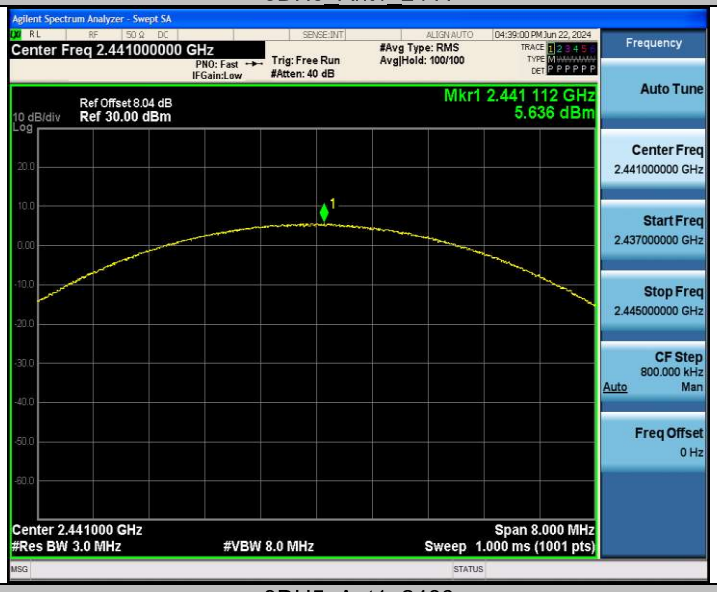
2DH5_Ant1_2480



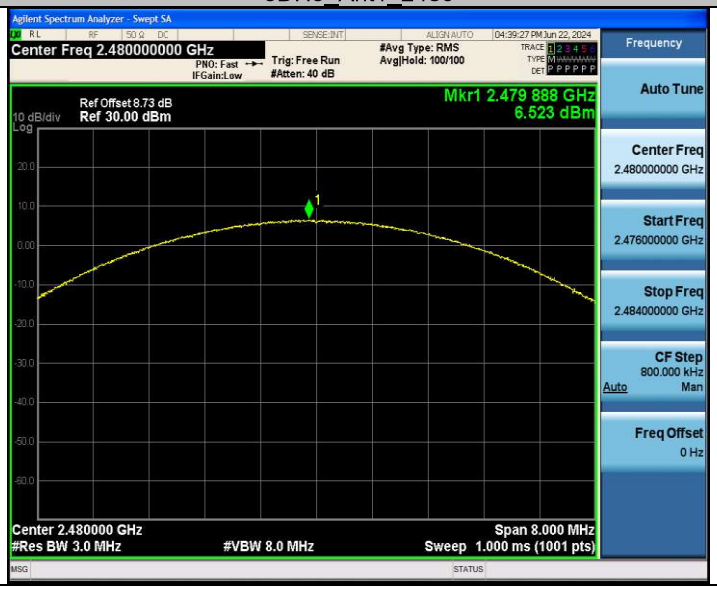
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Carrier frequency separation

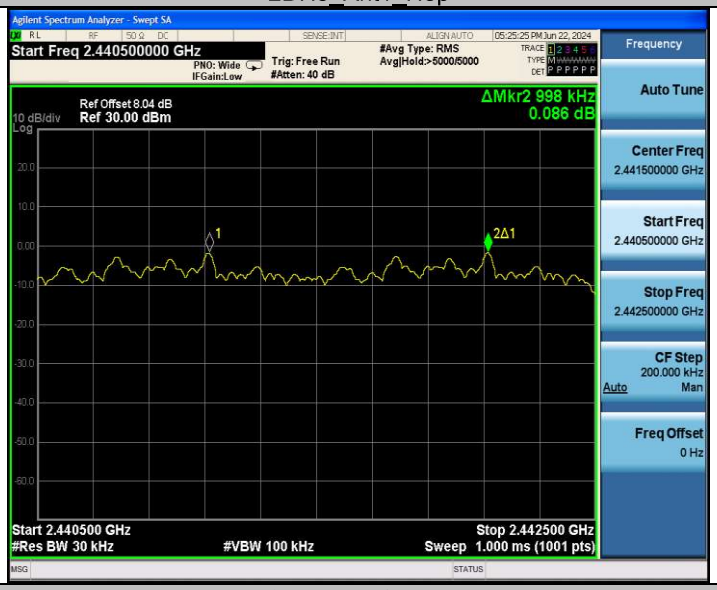
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.998	≥0.640	PASS
2DH5	Ant1	Hop	0.998	≥0.906	PASS
3DH5	Ant1	Hop	1.001	≥0.904	PASS

Test Graphs

DH5_Ant1_Hop

2DH5_Ant1_Hop



3DH5_Ant1_Hop

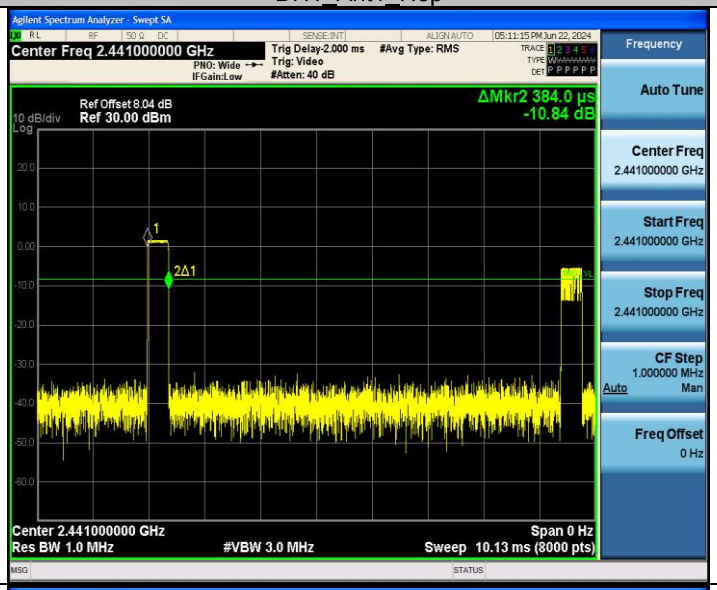
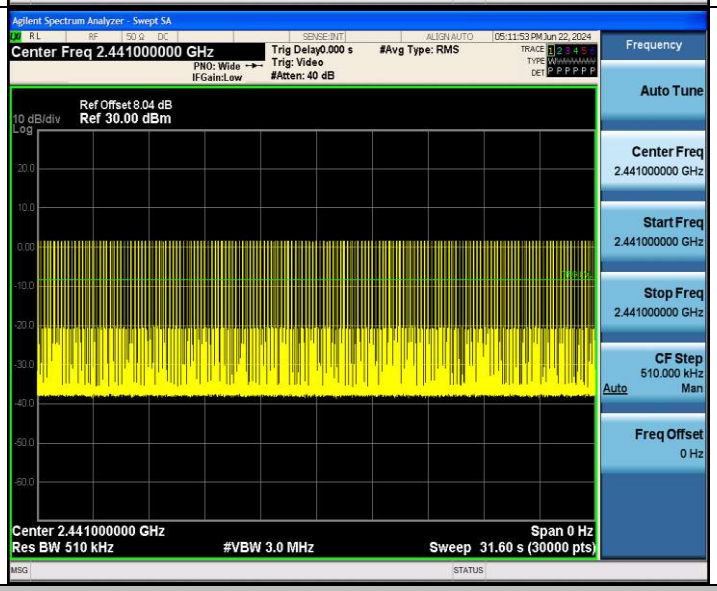
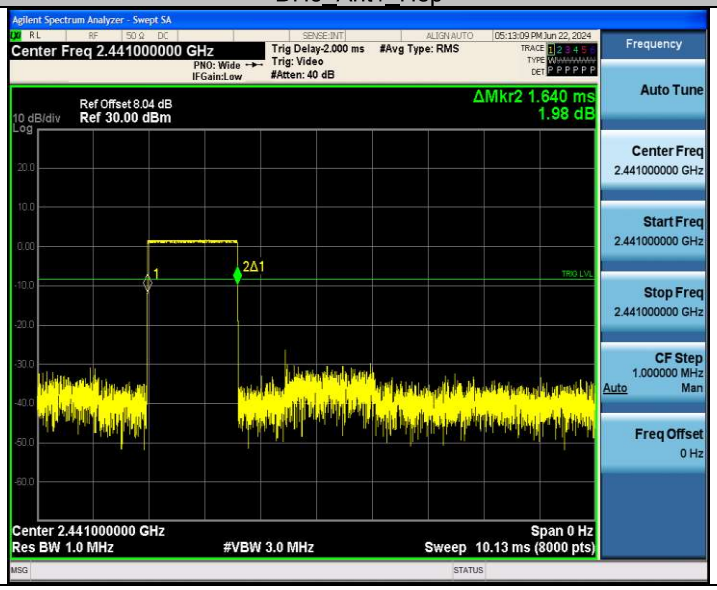
Appendix D: Time of occupancy

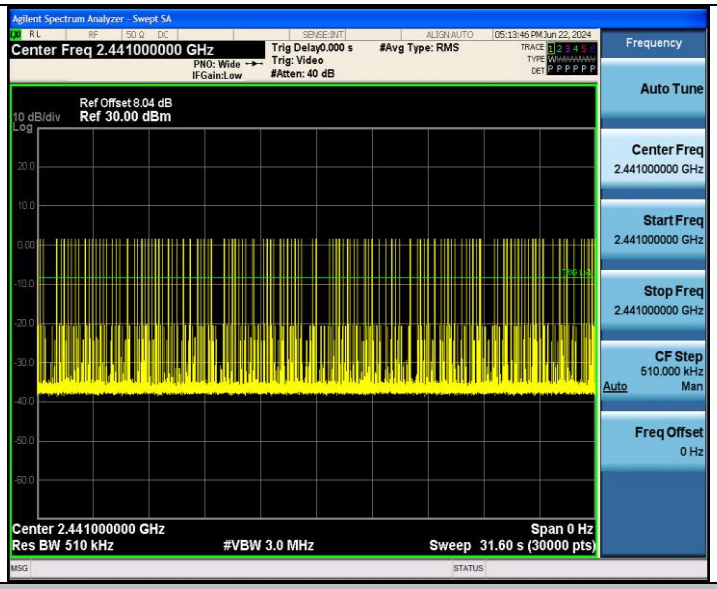
Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.640	162	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.888	112	0.323	≤0.4	PASS
2DH1	Ant1	Hop	0.388	318	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.639	176	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.887	110	0.318	≤0.4	PASS
3DH1	Ant1	Hop	0.388	317	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.638	158	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.889	123	0.355	≤0.4	PASS

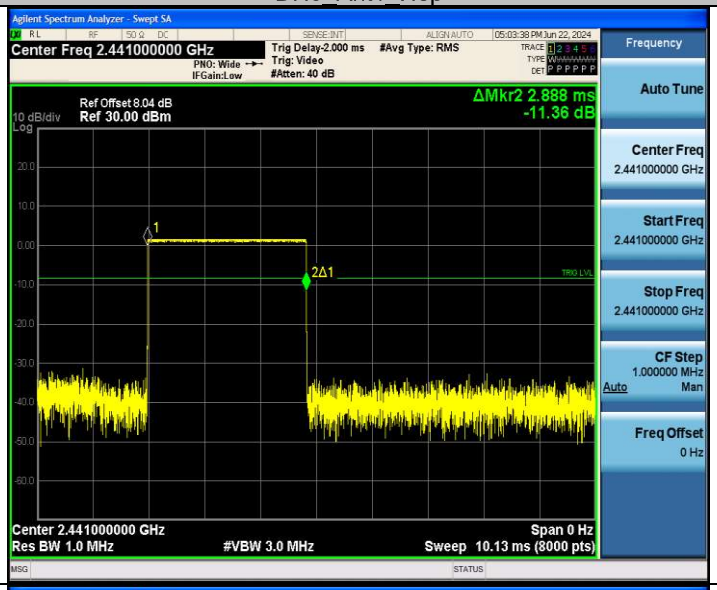
Notes:
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

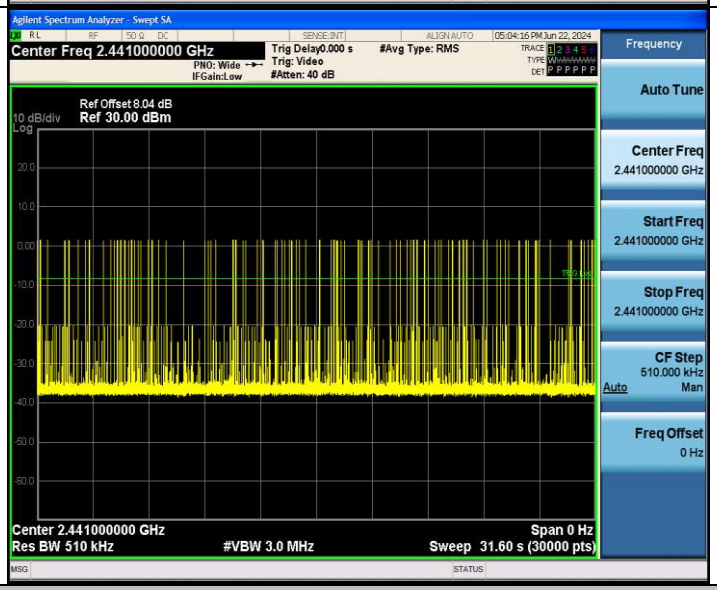
Test Graphs

DH1_Ant1_Hop


DH3_Ant1_Hop


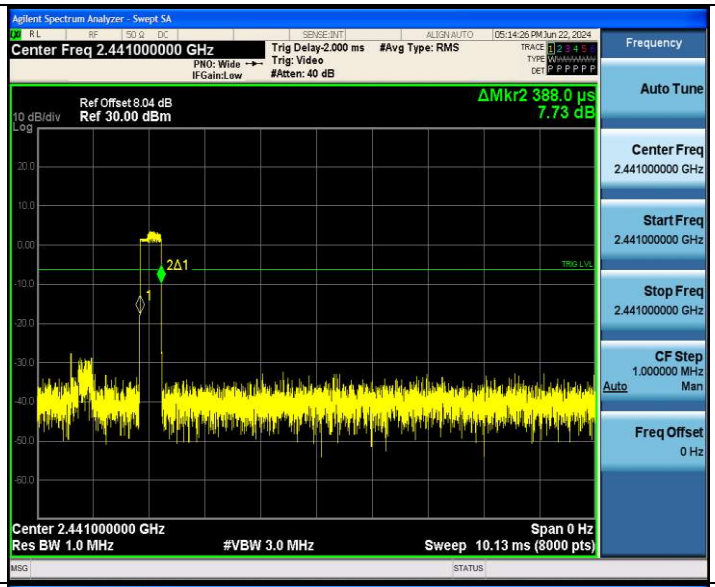


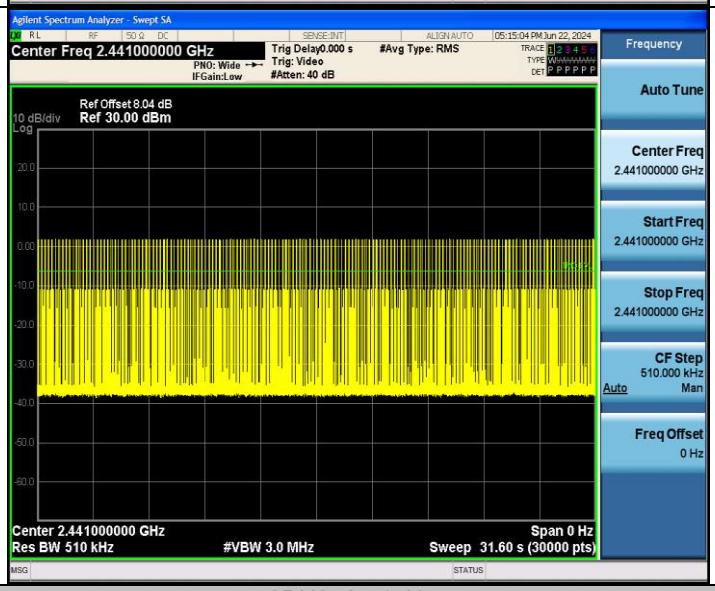
DH5_Ant1_Hop



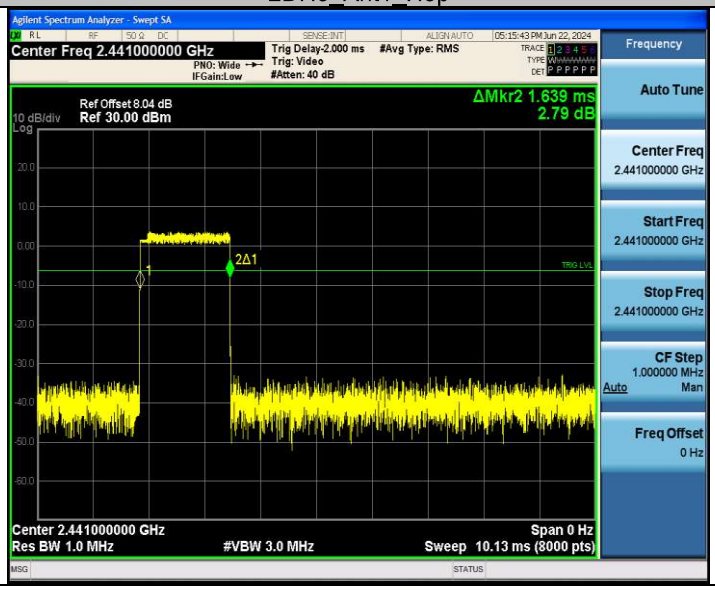


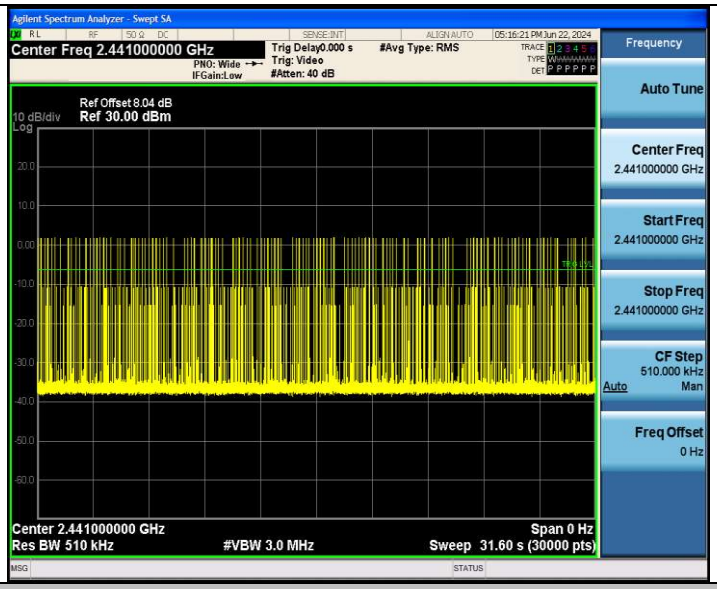
2DH1_Ant1_Hop





2DH3_Ant1_Hop





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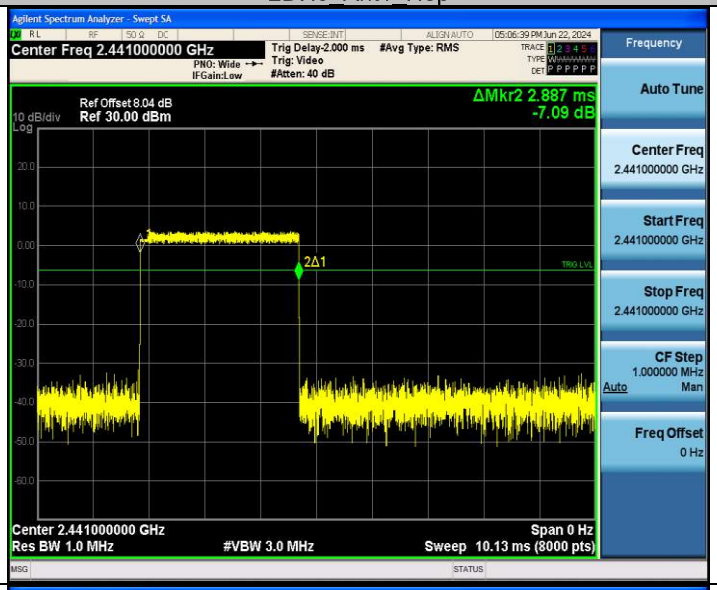

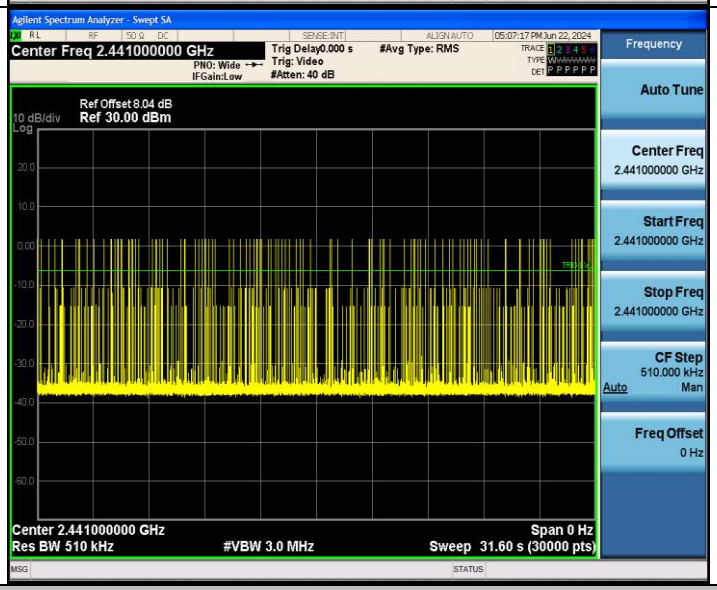

3DH1_Ant1_Hop