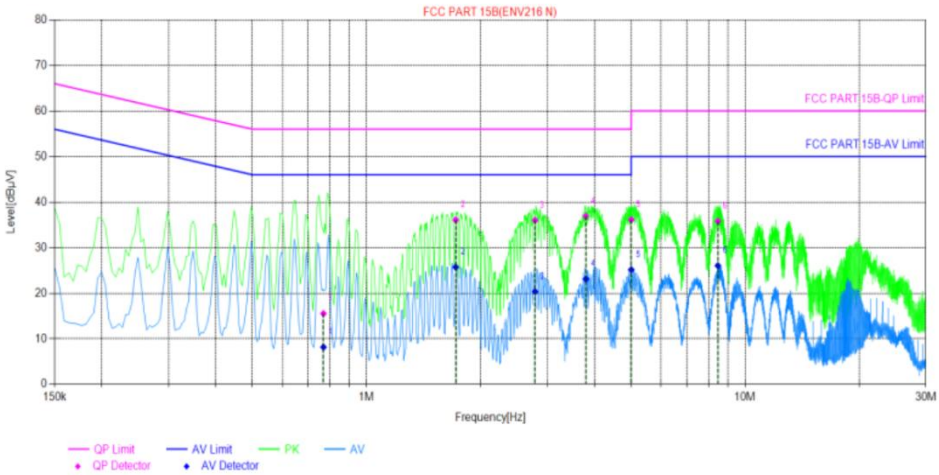
Final Test Mode:	Through Pre-scan, find the the worst case.
Instruments Used:	Refer to section 2.9 for details
Test Results:	PASS

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

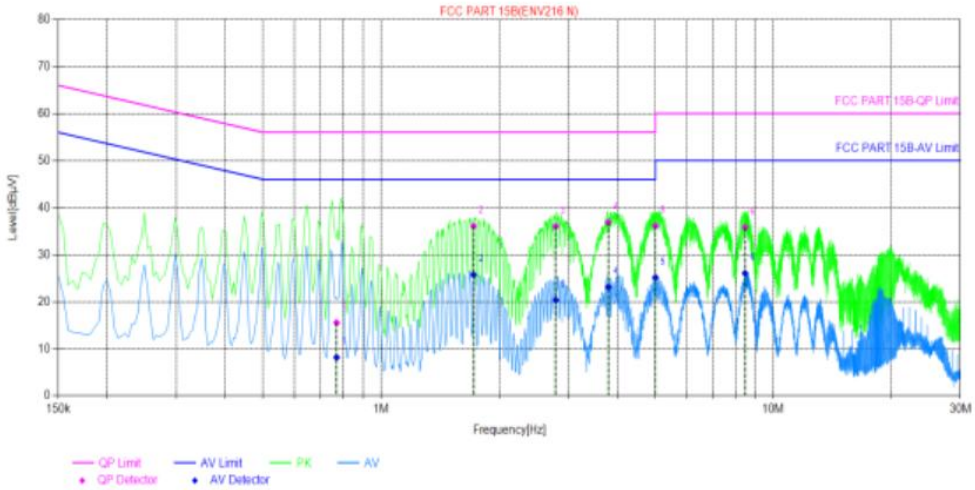
Live Line:



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.7693	9.82	15.53	56.00	40.47	8.17	46.00	37.83	PASS
2	1.7199	9.75	36.08	56.00	19.92	25.73	46.00	20.27	PASS
3	2.7872	9.85	35.99	56.00	20.01	20.35	46.00	25.65	PASS
4	3.7952	9.94	36.87	56.00	19.13	23.12	46.00	22.88	PASS
5	5.0038	9.97	36.12	60.00	23.88	25.16	50.00	24.84	PASS
6	8.4723	9.90	35.81	60.00	24.19	26.05	50.00	23.95	PASS

Neutral Line:



Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.7693	9.82	15.53	56.00	40.47	8.17	46.00	37.83	PASS
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4	3.7952	9.94	36.87	56.00	19.13	23.12	46.00	22.88	PASS
5	5.0038	9.97	36.12	60.00	23.88	25.16	50.00	24.84	PASS
6	8.4723	9.90	35.81	60.00	24.19	26.05	50.00	23.95	PASS

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including LISN Factor and the Cable Factor etc.), The basic equation is as follows:

Result Level= Reading Level + Correct Factor(including LISN Factor, Cable Factor etc

4 Appendix

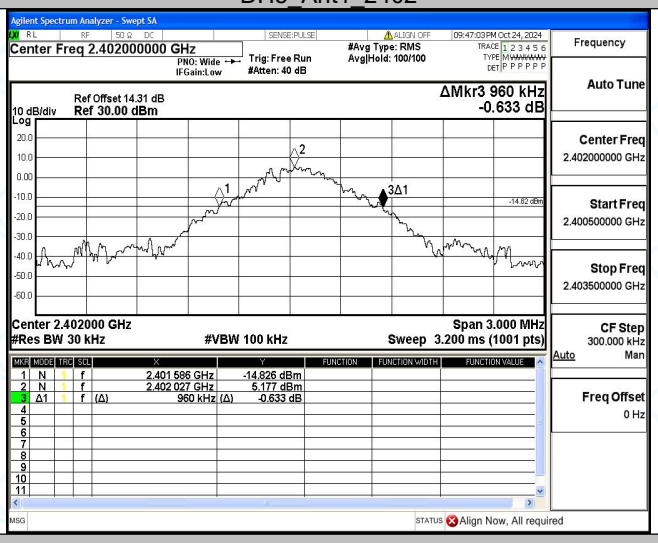
Appendix A: 20dB Emission Bandwidth

Test Result

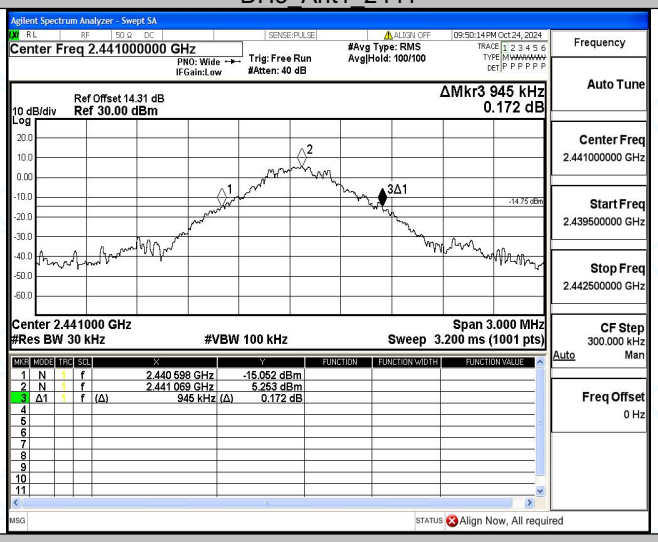
Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.586	2402.546	---	---
		2441	0.945	2440.598	2441.543	---	---
		2480	0.948	2479.598	2480.546	---	---
2DH5	Ant1	2402	1.344	2401.382	2402.726	---	---
		2441	1.323	2440.388	2441.711	---	---
		2480	1.299	2479.415	2480.714	---	---
3DH5	Ant1	2402	1.302	2401.397	2402.699	---	---
		2441	1.317	2440.403	2441.720	---	---
		2480	1.323	2479.394	2480.717	---	---

Test Graphs

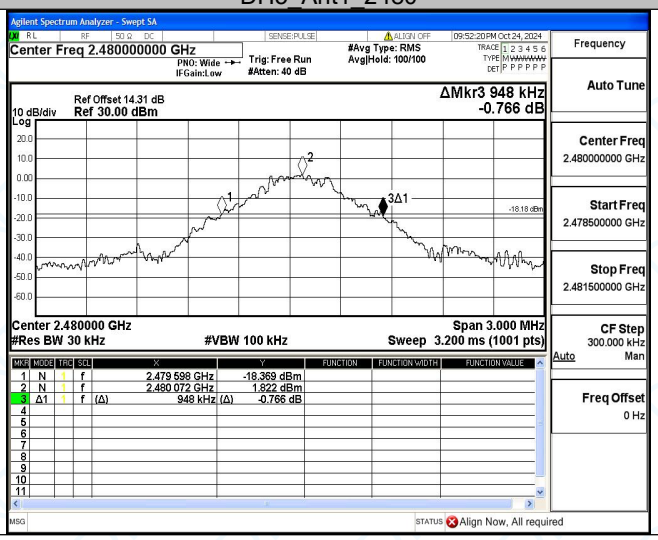
DH5_Ant1_2402



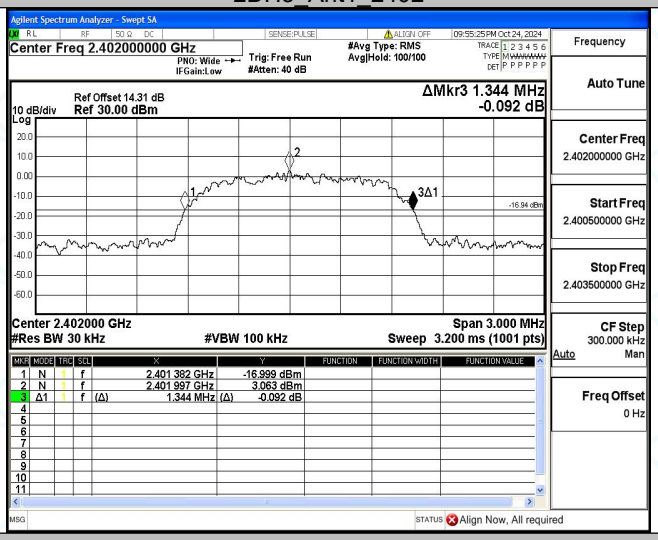
DH5_Ant1_2441



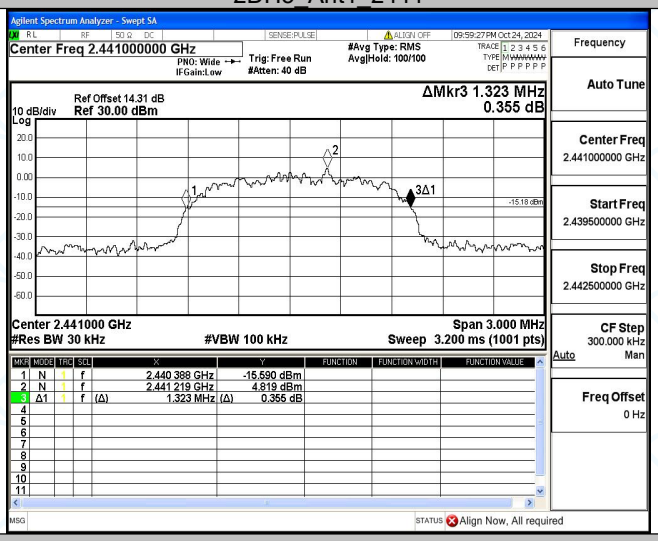
DH5_Ant1_2480



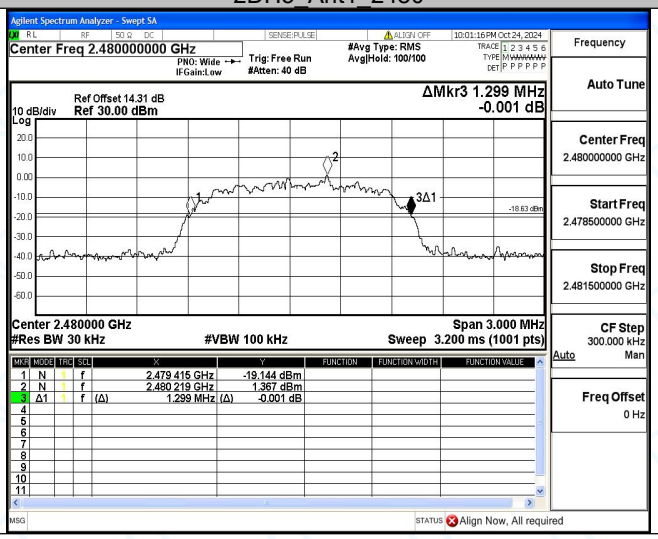
2DH5_Ant1_2402



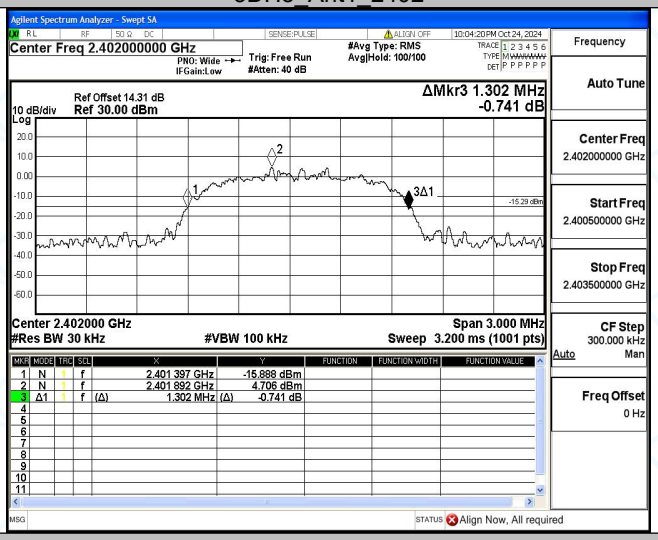
2DH5_Ant1_2441



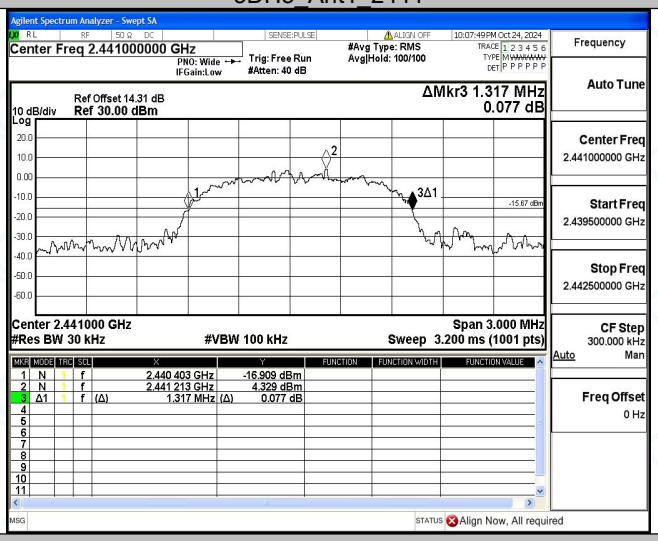
2DH5_Ant1_2480



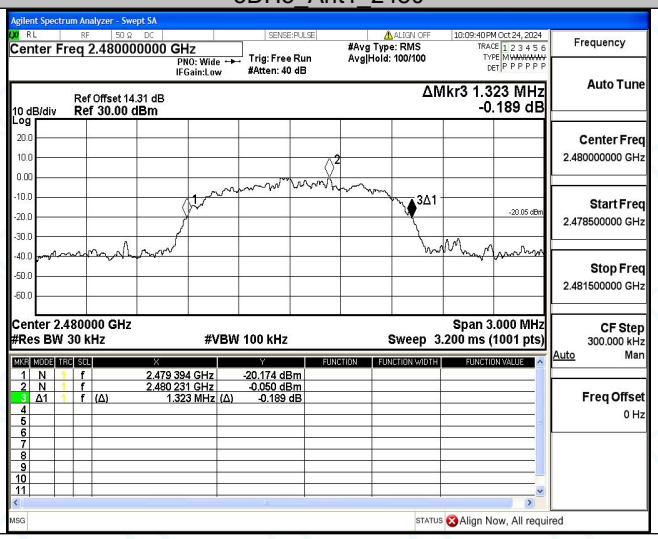
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



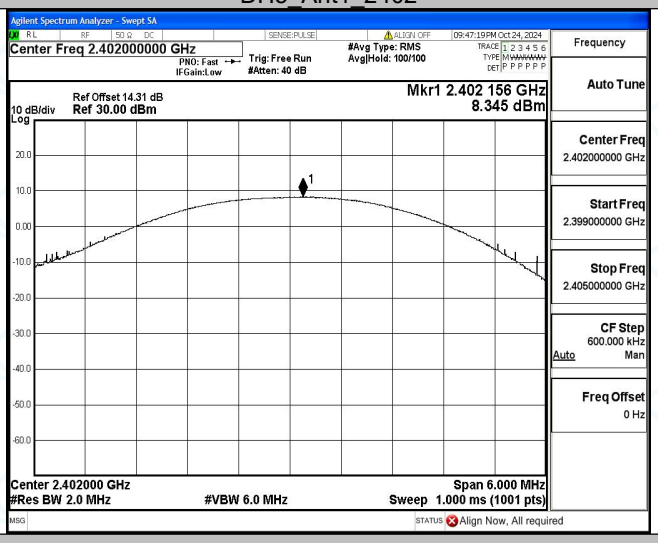
Appendix B: Maximum conducted output power

Test Result

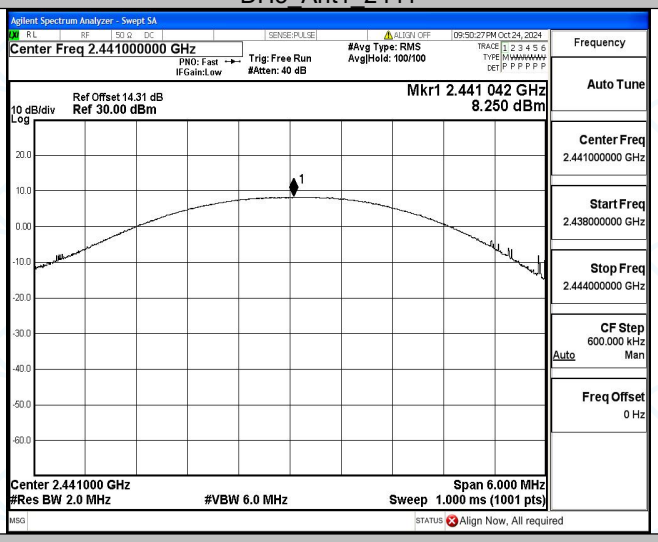
Test Mode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	8.35	≤20.97	PASS
		2441	8.25	≤20.97	PASS
		2480	5.01	≤20.97	PASS
2DH5	Ant1	2402	10.15	≤20.97	PASS
		2441	10.05	≤20.97	PASS
		2480	6.76	≤20.97	PASS
3DH5	Ant1	2402	10.50	≤20.97	PASS
		2441	10.41	≤20.97	PASS
		2480	7.04	≤20.97	PASS

Test Graphs

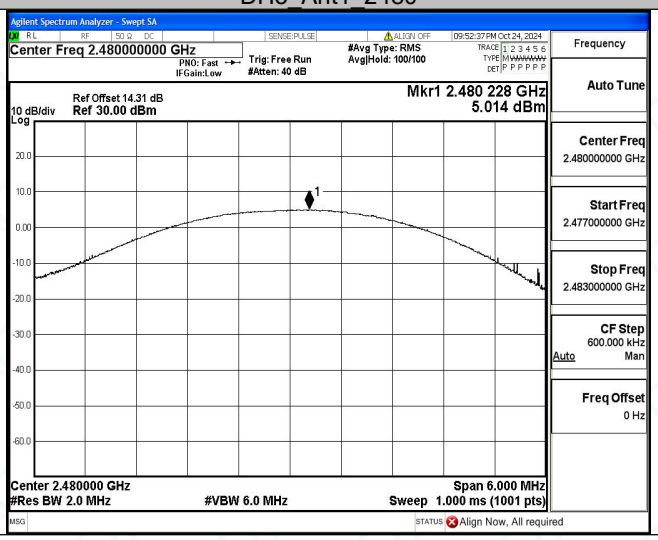
DH5_Ant1_2402



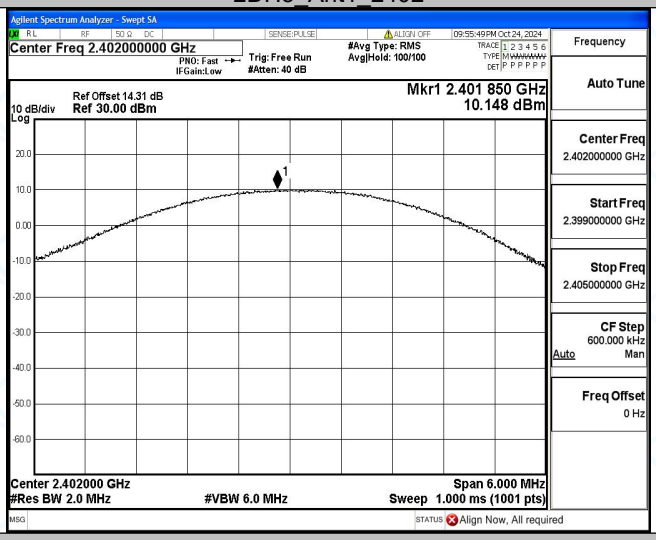
DH5_Ant1_2441



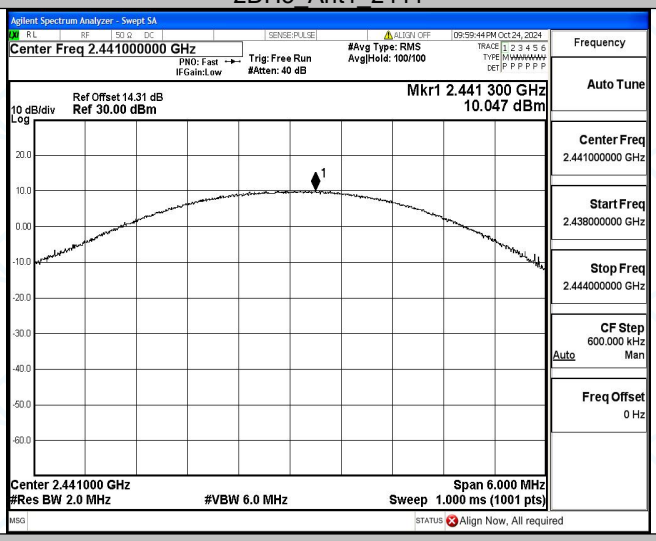
DH5_Ant1_2480



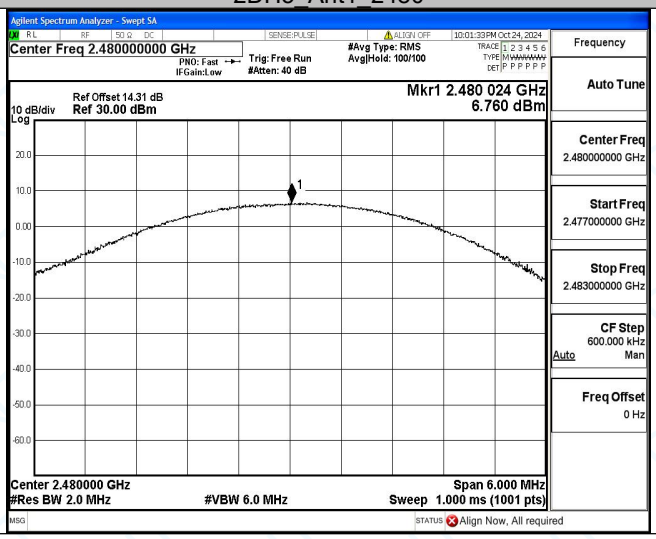
2DH5_Ant1_2402



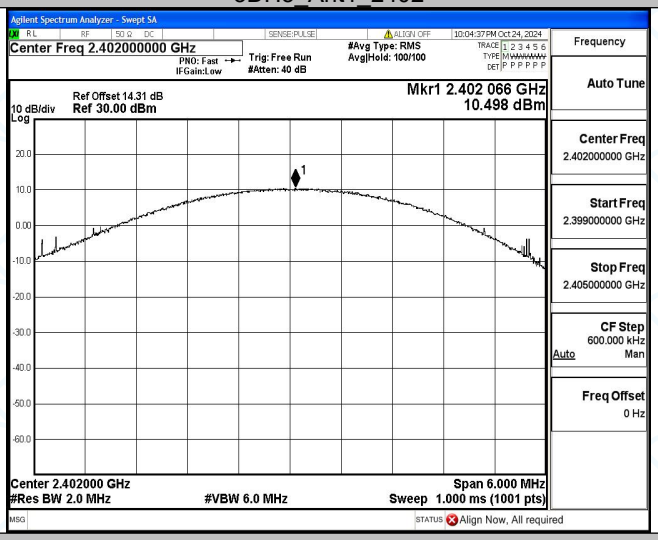
2DH5_Ant1_2441



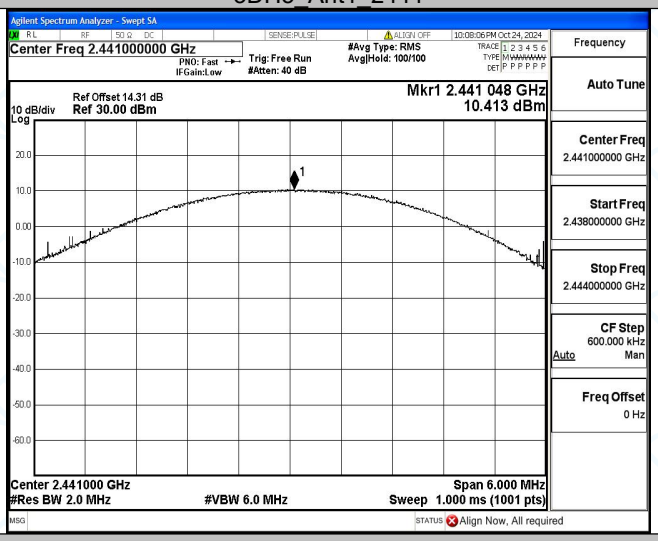
2DH5_Ant1_2480



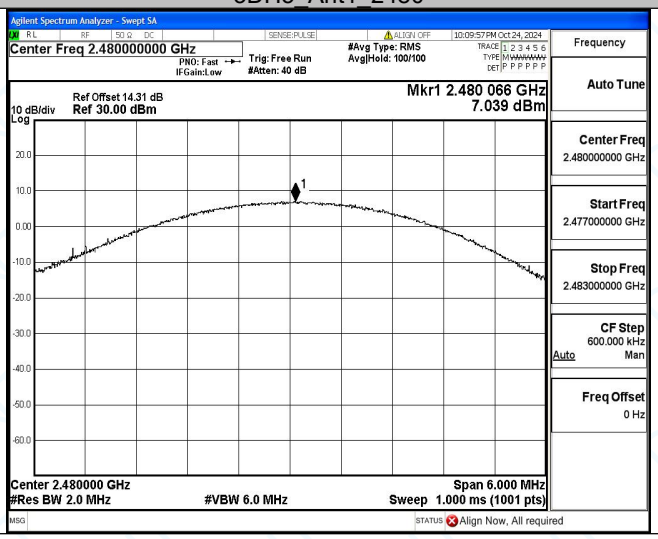
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



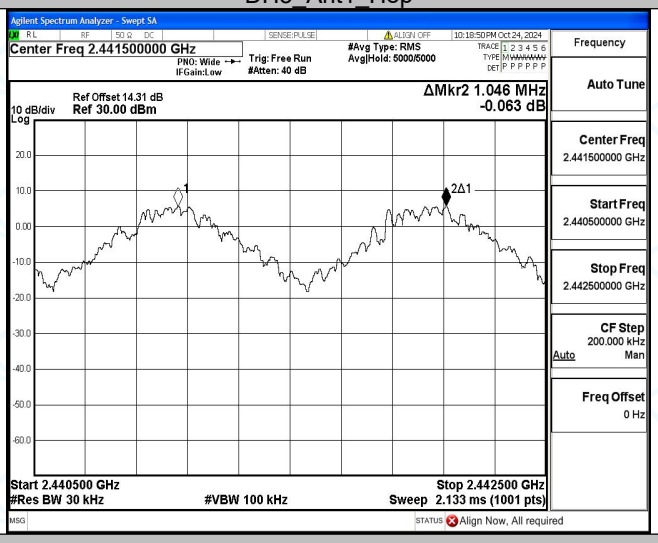
Appendix C: Carrier frequency separation

Test Result

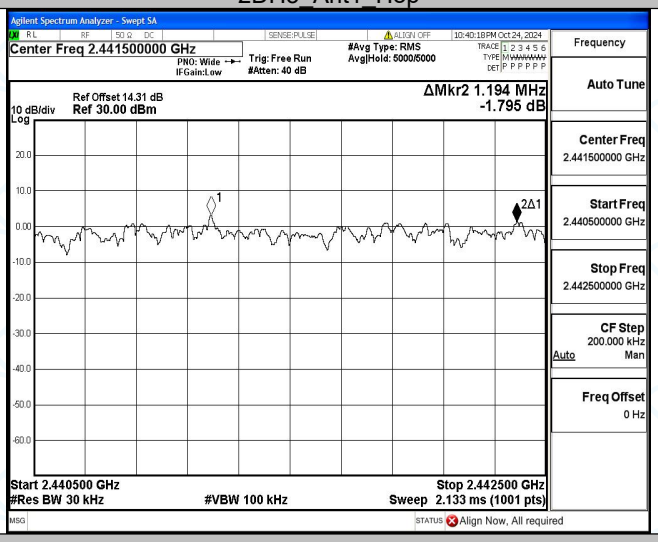
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.046	≥0.960	PASS
2DH5	Ant1	Hop	1.194	≥0.896	PASS
3DH5	Ant1	Hop	1.296	≥0.882	PASS

Test Graphs

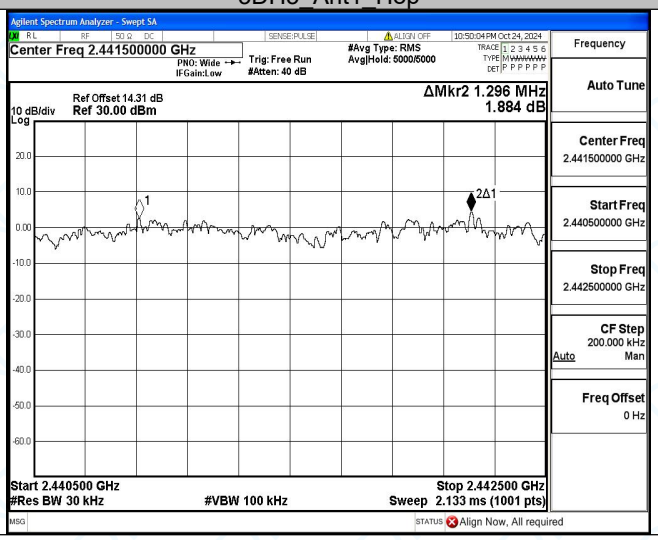
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



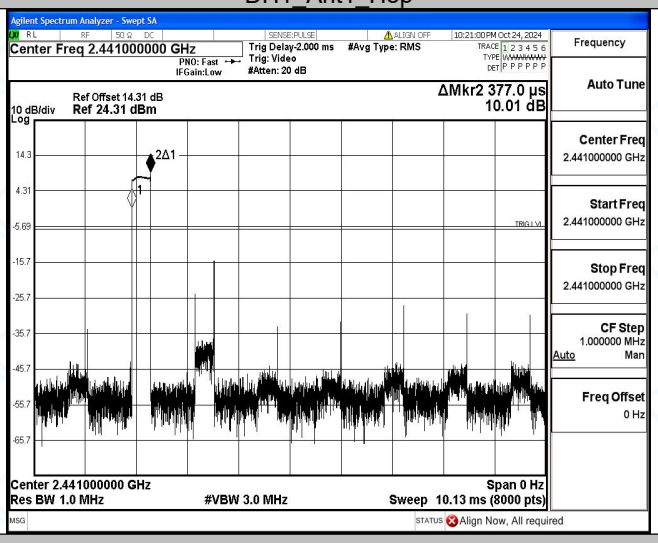
Appendix D: Dwell Time

Test Result

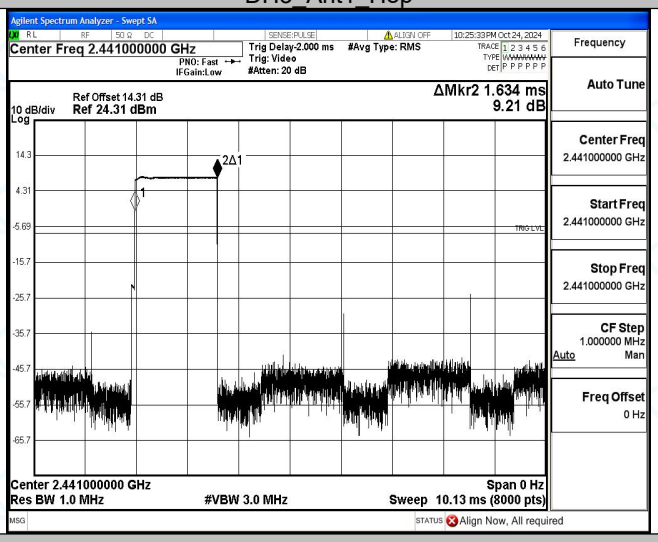
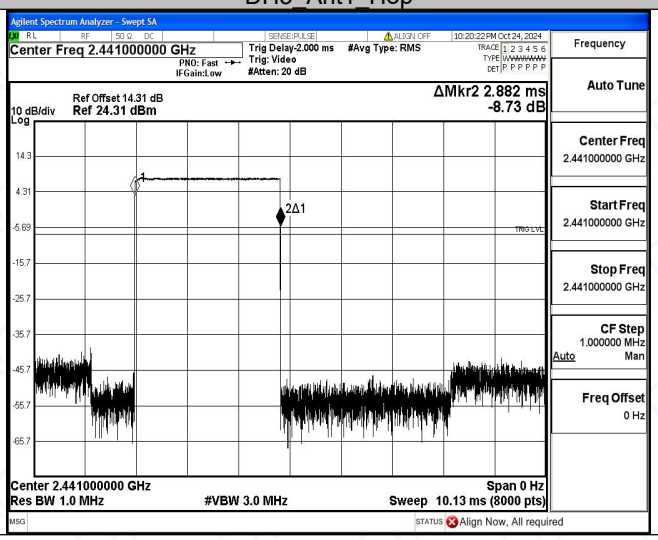
Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.377	320	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.634	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.882	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	-0.046	320	-0.015	≤0.4	PASS
2DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	-1.251	320	-0.4	≤0.4	PASS
3DH3	Ant1	Hop	1.640	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.891	106.67	0.308	≤0.4	PASS

Test Graphs

DH1_Ant1_Hop



DH3_Ant1_Hop



DH5_Ant1_Hop