



Appendix D: Dwell Time

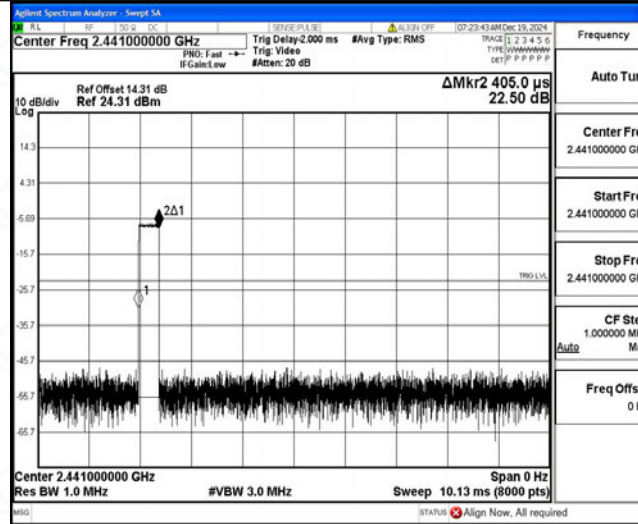
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.661	160	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.908	106.67	0.31	≤0.4	PASS
2DH1	Ant1	Hop	0.414	320	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.667	160	0.267	≤0.4	PASS
2DH5	Ant1	Hop	2.915	106.67	0.311	≤0.4	PASS
3DH1	Ant1	Hop	0.417	320	0.133	≤0.4	PASS
3DH3	Ant1	Hop	1.667	160	0.267	≤0.4	PASS
3DH5	Ant1	Hop	2.918	106.67	0.311	≤0.4	PASS

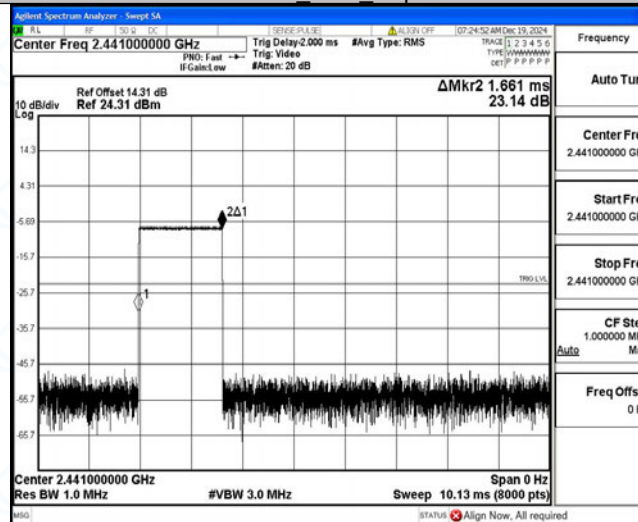


Test Graphs

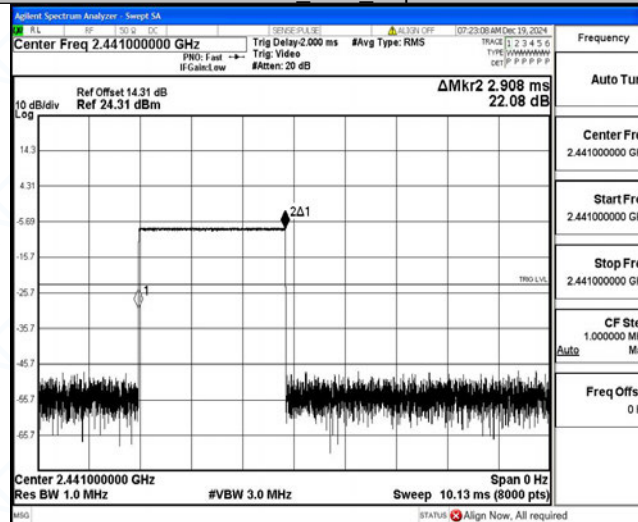
DH1_Ant1_Hop

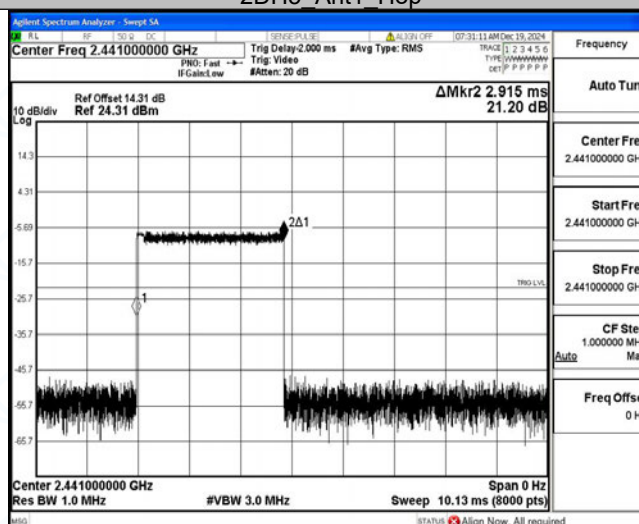
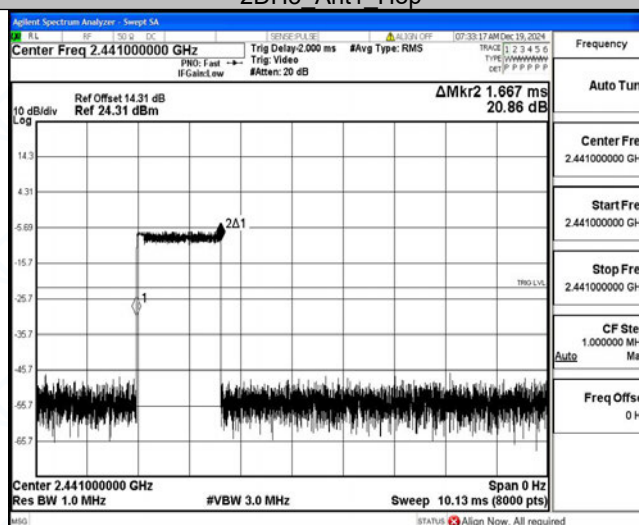
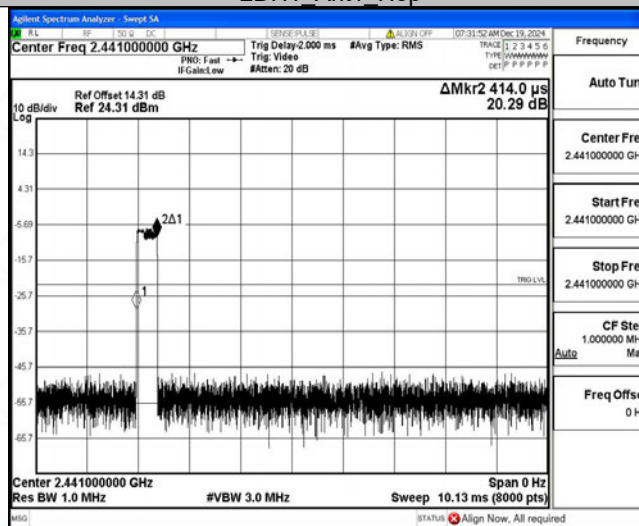


DH3_Ant1_Hop



DH5_Ant1_Hop







Page: 48 / 65

Agilent Spectrum Analyzer - SureFit SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

PRF: 1 and IF Gain: low #Atten: 20 dB

ΔMkr2 417.0 μs 19.42 dB

10 dBdV Log

Ref Offset: 14.31 dB Ref 24.31 dBm

2A1

1

THRO LLS

Center 2.441000000 GHz Span 0 Hz

Res BW 1.0 MHz #VBW 3.0 MHz Sweep 10.13 ms (8000 pts)

STATUS Align Now: All required

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 0.000 ms

#Avg Type: RMS

Q7:41.26 AM Dec 19, 2024

Trig: 1 and IF Gain: 20 dB

#Atten: 20 dB

Ref Offset: 14.31 dB

Ref 24.31 dBm

ΔMkr2 1.667 ms

21.47 dB

10 dB/div

Log

14.3

4.31

-15.7

-25.7

-35.7

-45.7

-55.7

-65.7

2.41

THRU LVS

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Str 1.000000 M

Auto M

Freq Offs 0

Center 2.441000000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 10.13 ms (8000 pts)

Span 0 Hz

MSG: STATUS: Align Now. All required

[illegible]



Appendix F: Number of hopping channels

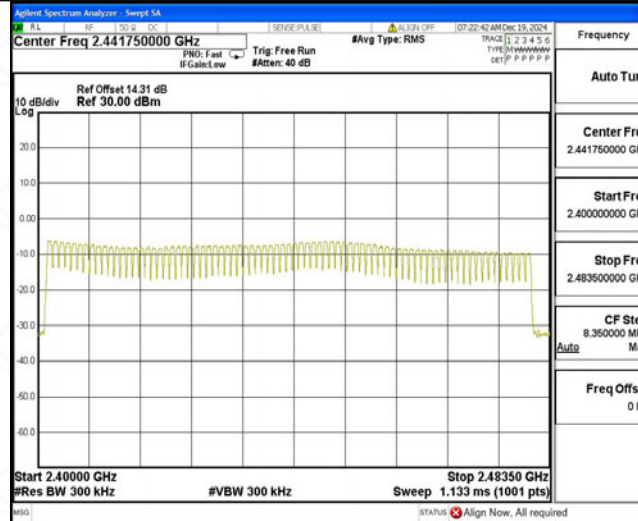
Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

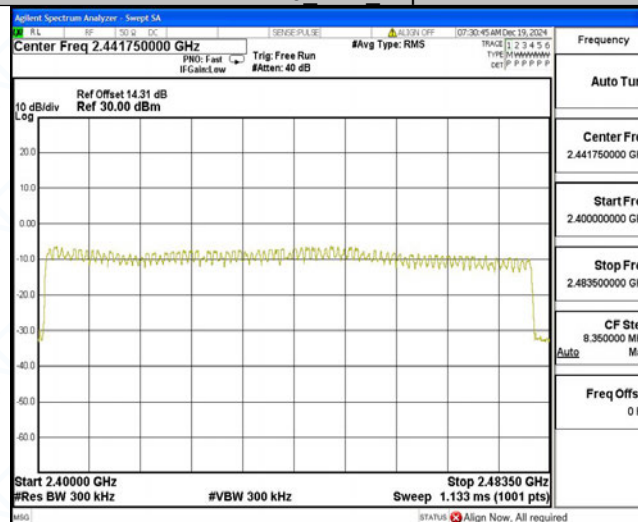


Test Graphs

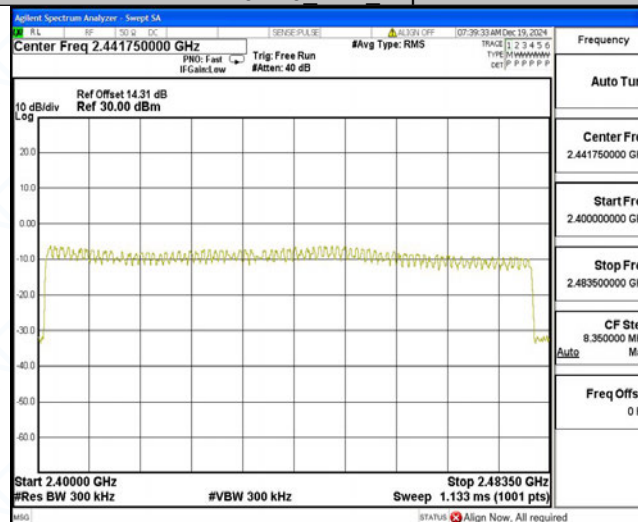
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





Appendix F: Band edge measurements

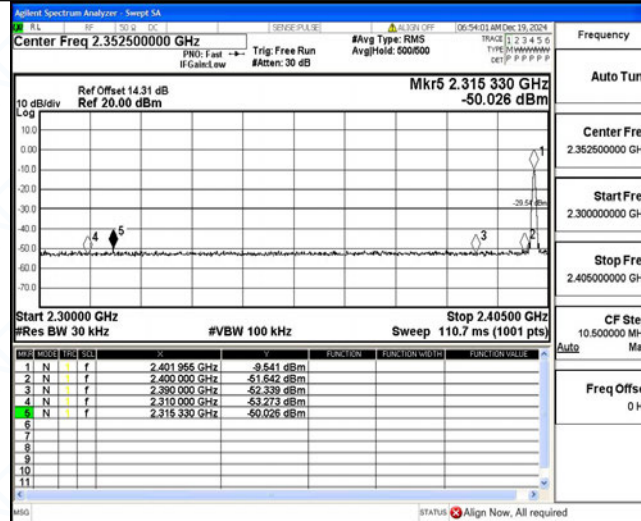
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-9.54	-50.03	≤-29.54	PASS
		High	2480	-13.71	-50.04	≤-33.71	PASS
		Low Hop_2402		-9.83	-50.38	≤-29.83	PASS
		High Hop_2480		-11.92	-49.47	≤-31.92	PASS
2DH5	Ant1	Low	2402	-9.06	-50.22	≤-29.06	PASS
		High	2480	-14.80	-50.08	≤-34.8	PASS
		Low Hop_2402		-11.81	-50.35	≤-31.81	PASS
		High Hop_2480		-13.47	-49.86	≤-33.47	PASS
3DH5	Ant1	Low	2402	-8.74	-50.56	≤-28.74	PASS
		High	2480	-12.25	-49.4	≤-32.25	PASS
		Low Hop_2402		-14.11	-50.79	≤-34.11	PASS
		High Hop_2480		-11.03	-49.43	≤-31.03	PASS

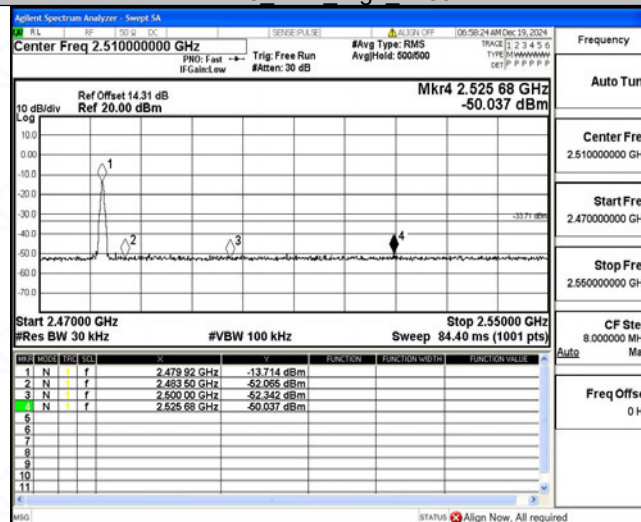


Test Graphs

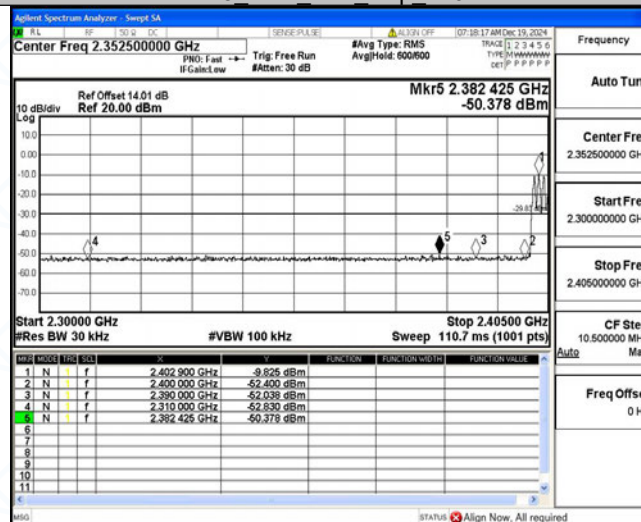
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

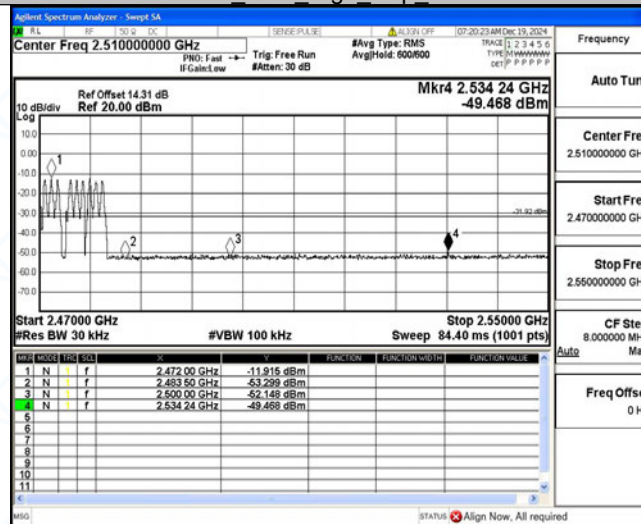


DH5_Ant1_Low_Hop_2402

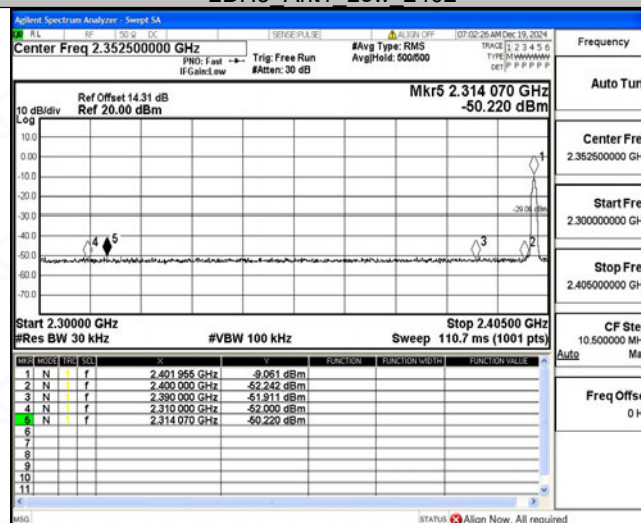




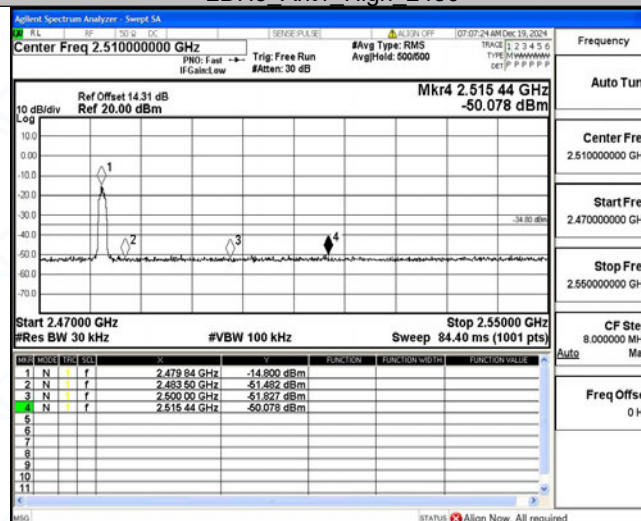
DH5 Ant1_High_Hop_2480



2DH5 Ant1_Low_2402

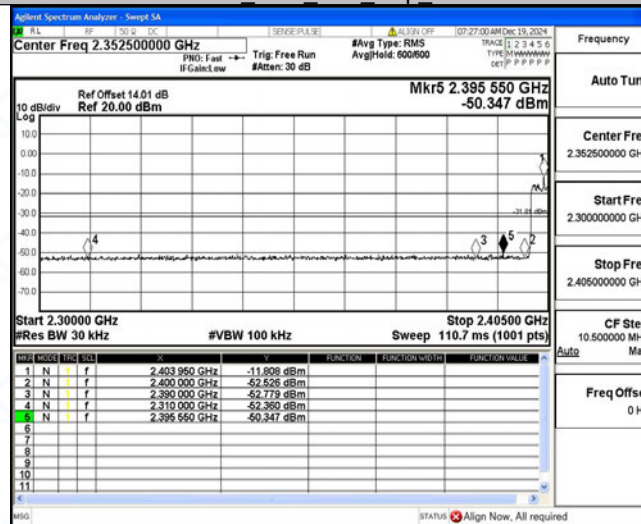


2DH5 Ant1_High_2480

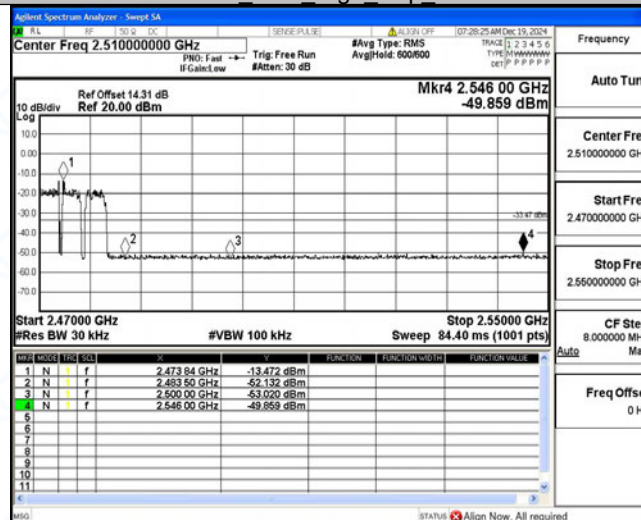




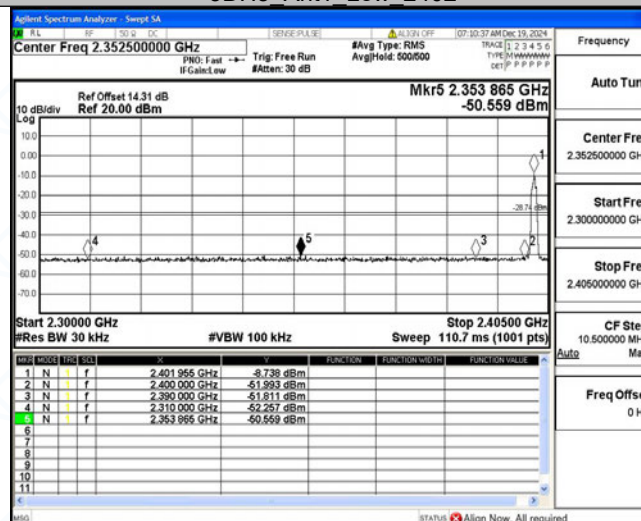
2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480

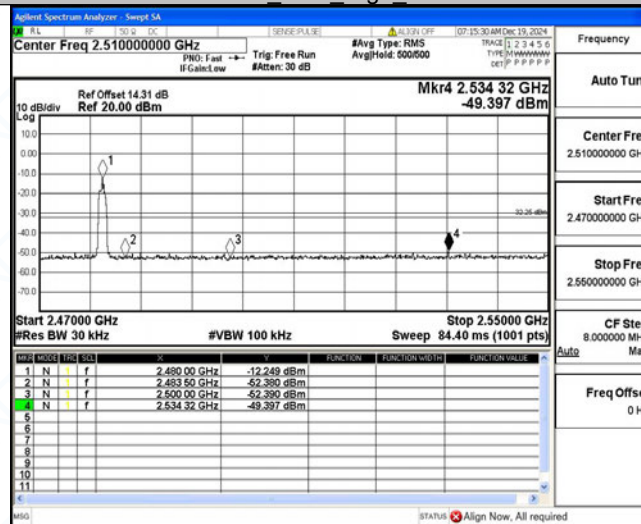


3DH5 Ant1 Low 2402

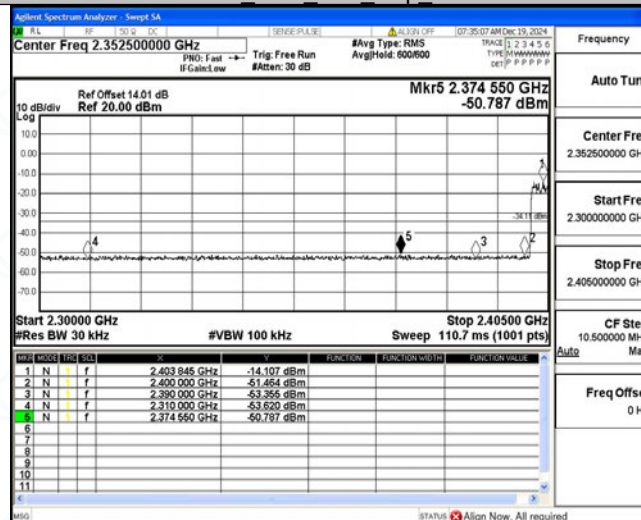




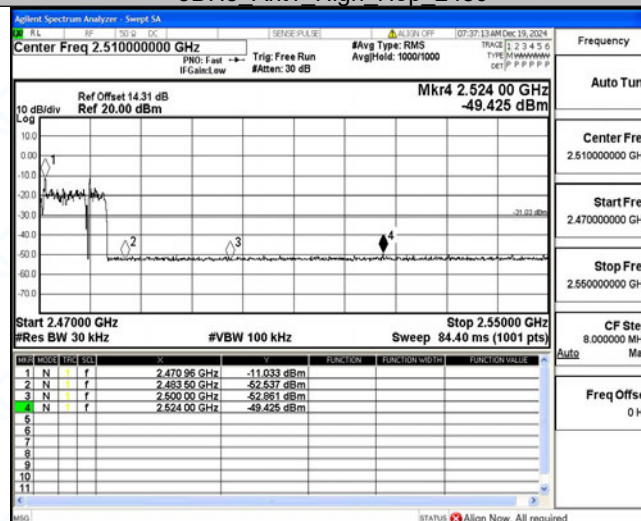
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480





Appendix F: Conducted Spurious Emission

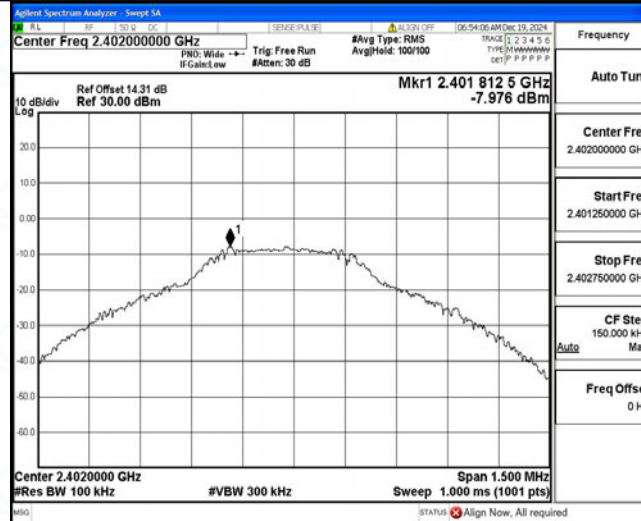
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-7.98	-7.98	---	PASS
			30~1000	-7.98	-57.48	≤-27.98	PASS
			1000~26500	-7.98	-28.43	≤-27.98	PASS
		2441	Reference	-8.69	-8.69	---	PASS
			30~1000	-8.69	-57.38	≤-28.69	PASS
			1000~26500	-8.69	-31.46	≤-28.69	PASS
		2480	Reference	-11.33	-11.33	---	PASS
			30~1000	-11.33	-57.63	≤-31.33	PASS
			1000~26500	-11.33	-32.8	≤-31.33	PASS
2DH5	Ant1	2402	Reference	-7.48	-7.48	---	PASS
			30~1000	-7.48	-57.07	≤-27.48	PASS
			1000~26500	-7.48	-32.52	≤-27.48	PASS
		2441	Reference	-8.83	-8.83	---	PASS
			30~1000	-8.83	-57.51	≤-28.83	PASS
			1000~26500	-8.83	-29.62	≤-28.83	PASS
		2480	Reference	-12.24	-12.24	---	PASS
			30~1000	-12.24	-57.22	≤-32.24	PASS
			1000~26500	-12.24	-35.58	≤-32.24	PASS
3DH5	Ant1	2402	Reference	-8.17	-8.17	---	PASS
			30~1000	-8.17	-57.3	≤-28.17	PASS
			1000~26500	-8.17	-31.06	≤-28.17	PASS
		2441	Reference	-7.82	-7.82	---	PASS
			30~1000	-7.82	-56.94	≤-27.82	PASS
			1000~26500	-7.82	-33.71	≤-27.82	PASS
		2480	Reference	-10.99	-10.99	---	PASS
			30~1000	-10.99	-57.8	≤-30.99	PASS
			1000~26500	-10.99	-34.66	≤-30.99	PASS

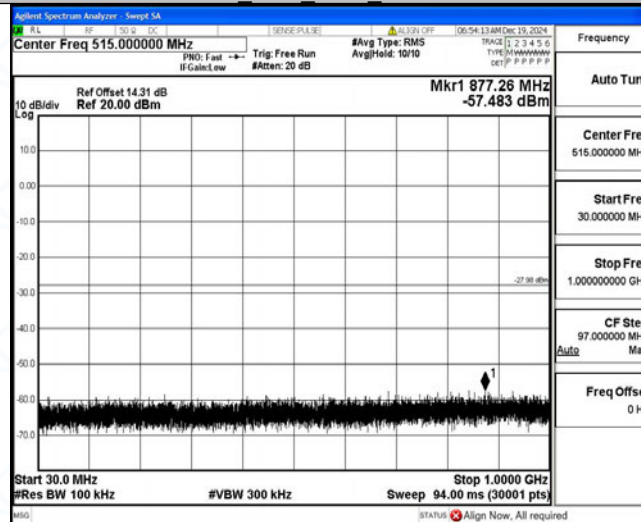


Test Graphs

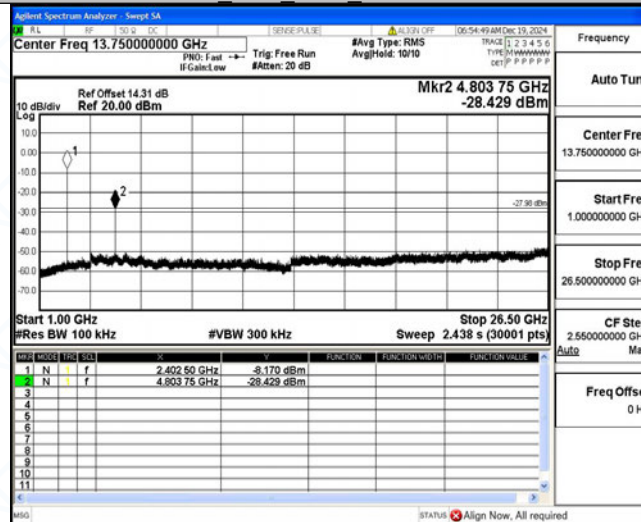
DH5_Ant1_2402_0~Reference



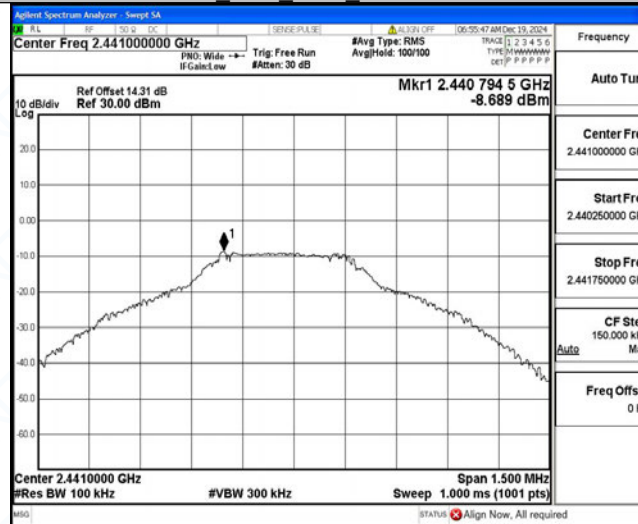
DH5_Ant1_2402_30~1000



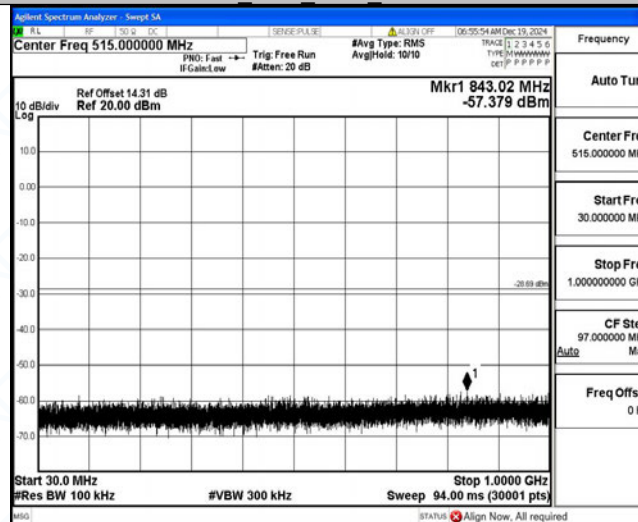
DH5_Ant1_2402_1000~26500



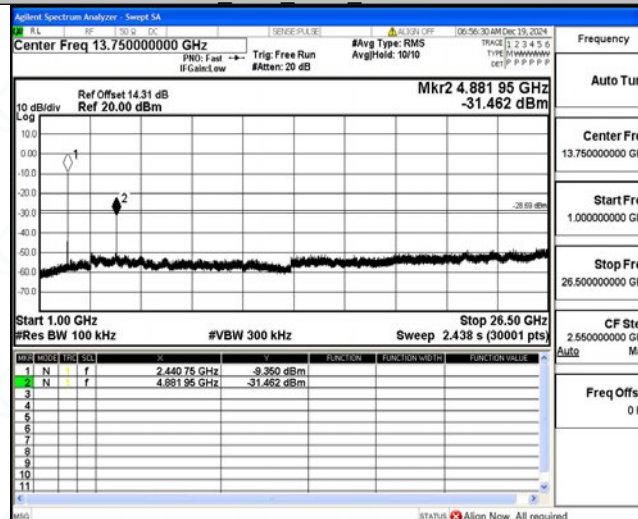
DH5 Ant1 2441 0~Reference



DH5_Ant1_2441_30~1000

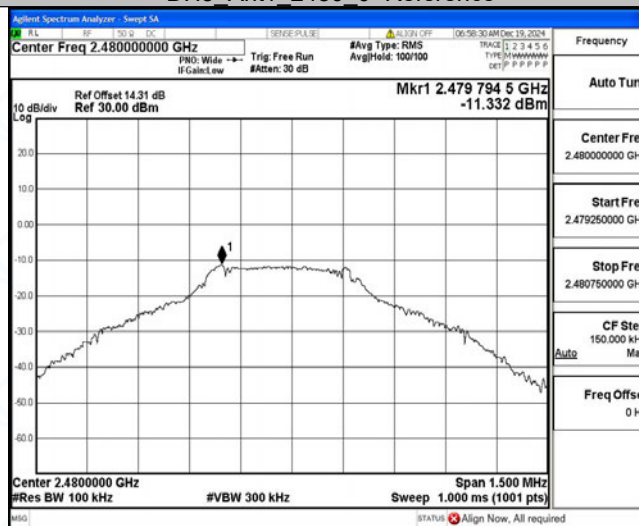


DH5 Ant1 2441 1000~26500

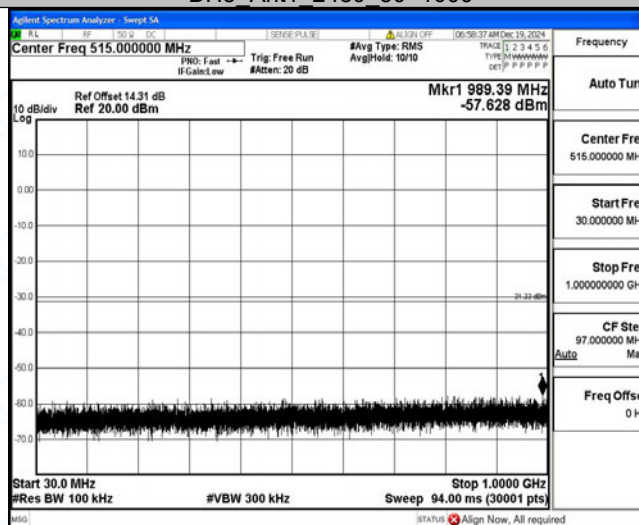




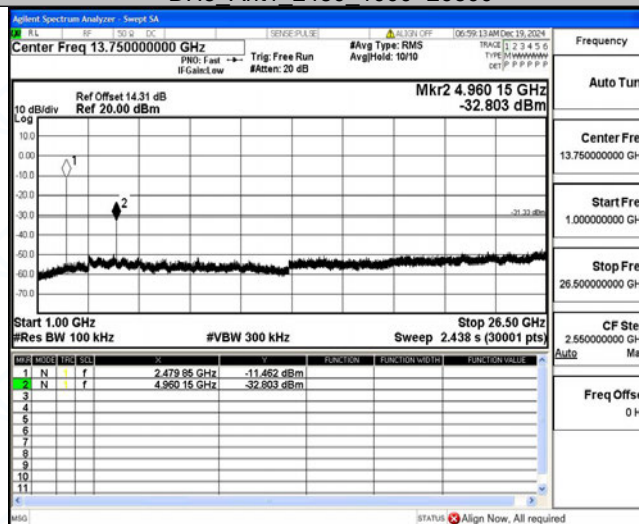
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000

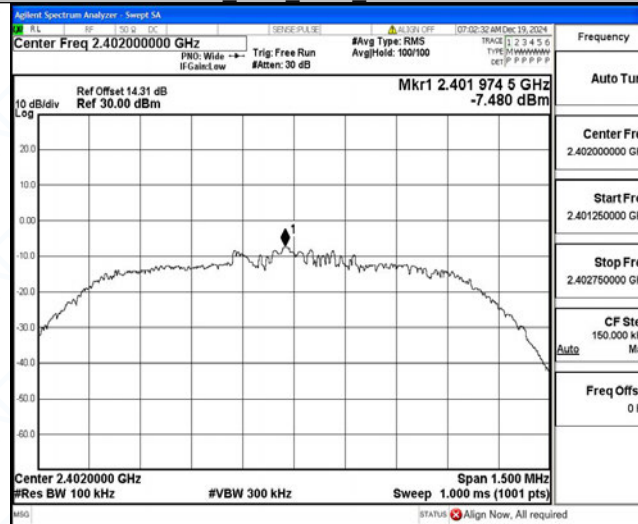


DH5_Ant1_2480_1000~26500

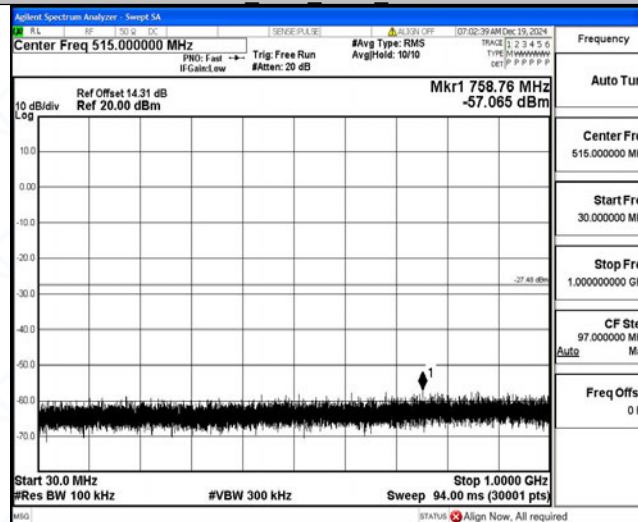




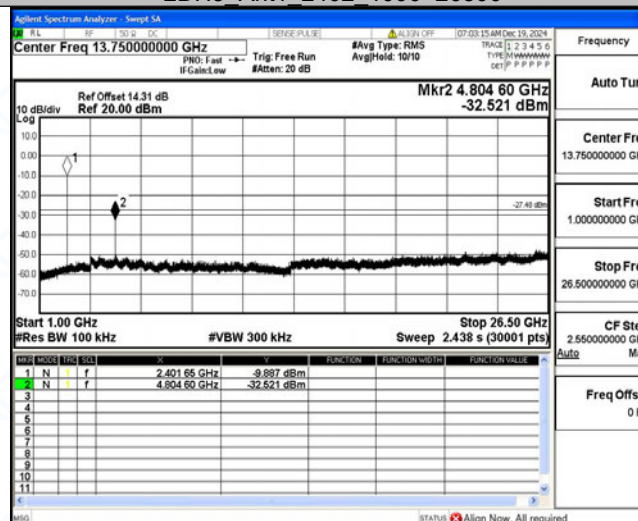
2DH5 Ant1 2402 0~Reference



2DH5 Ant1 2402 30~1000

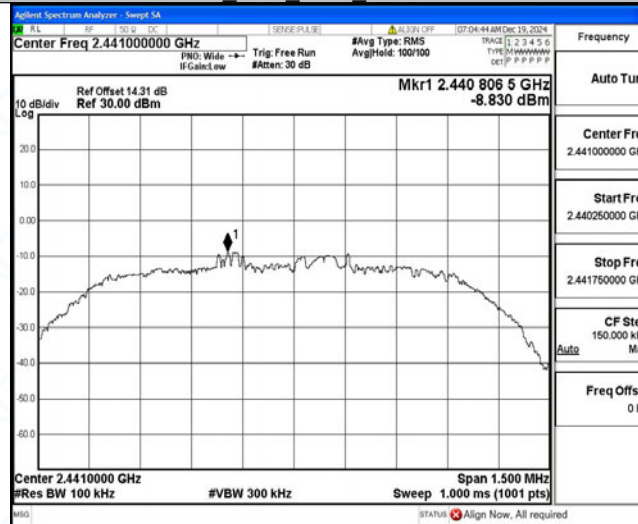


2DH5 Ant1 2402 1000~26500

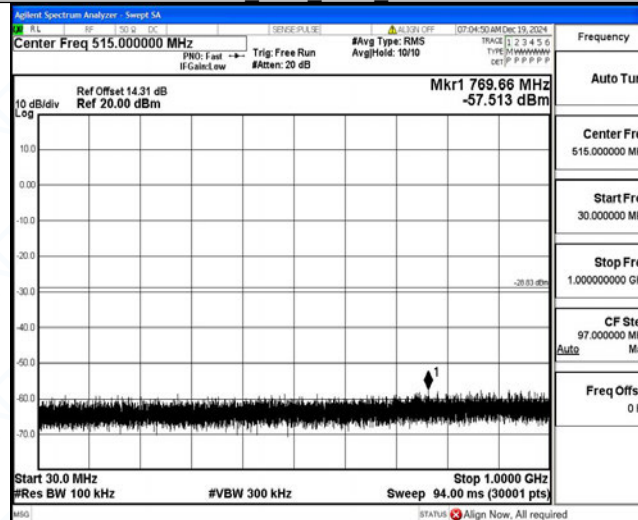




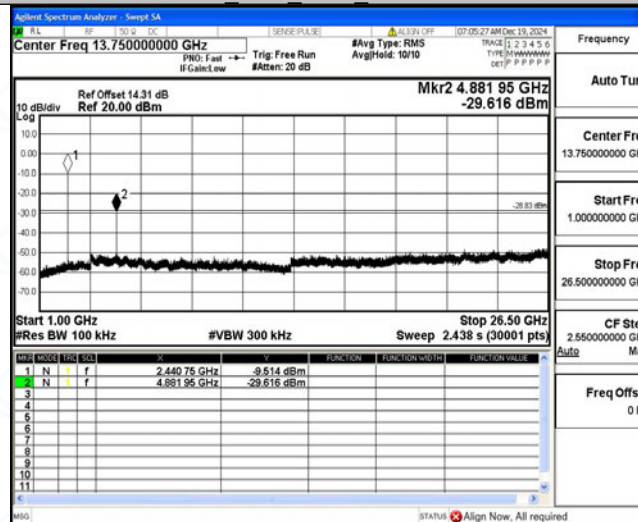
2DH5 Ant1 2441 0~Reference



2DH5 Ant1 2441 30~1000

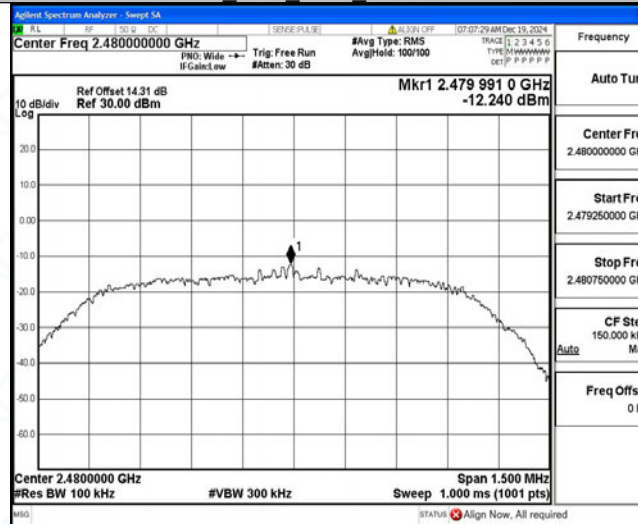


2DH5 Ant1 2441 1000~26500

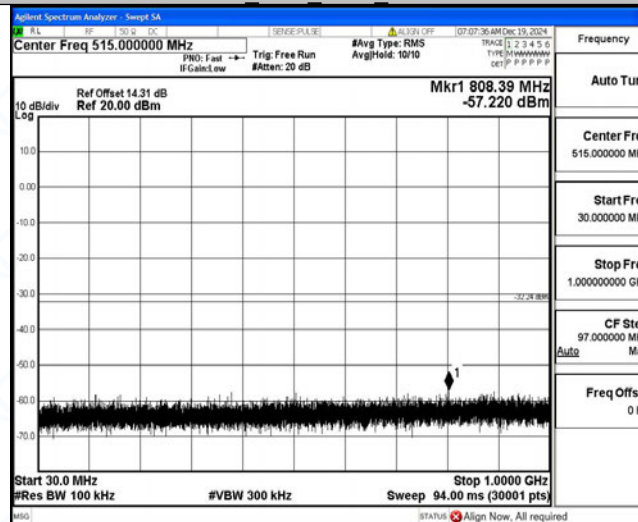




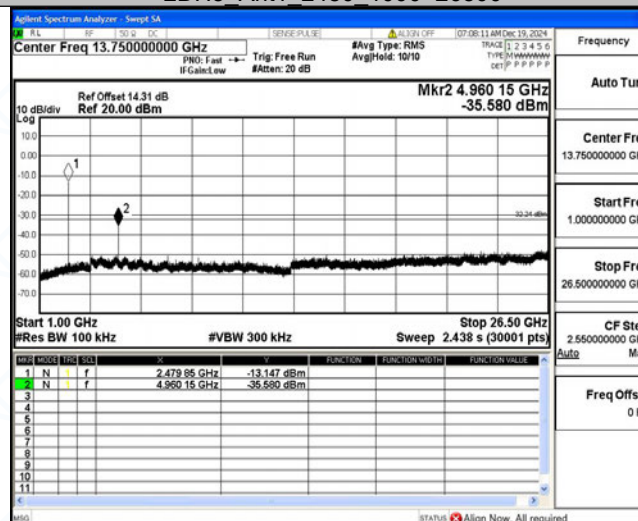
2DH5 Ant1 2480 0~Reference

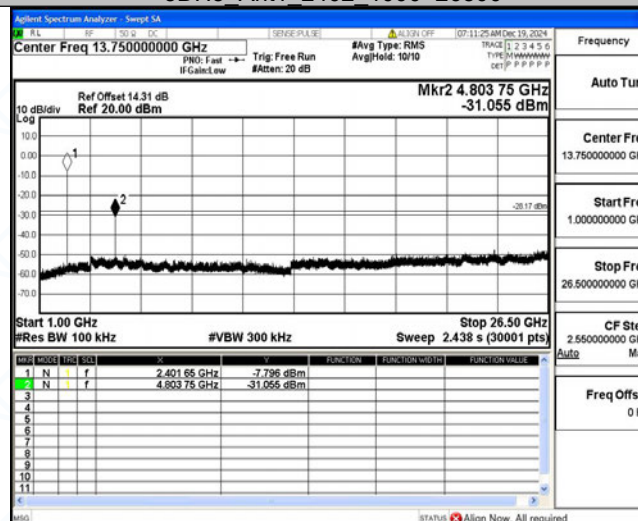
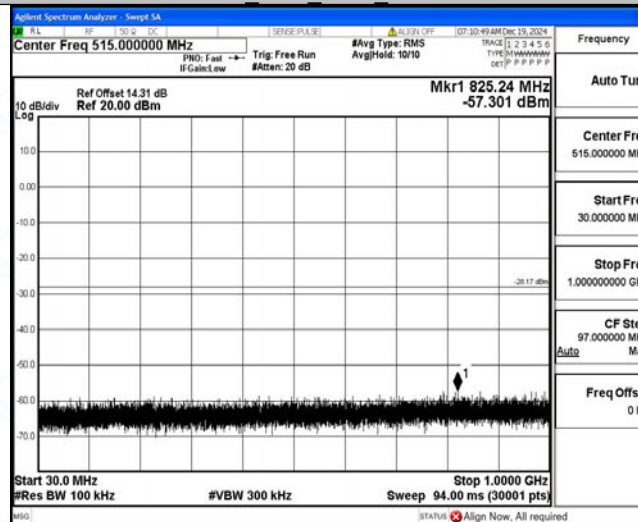
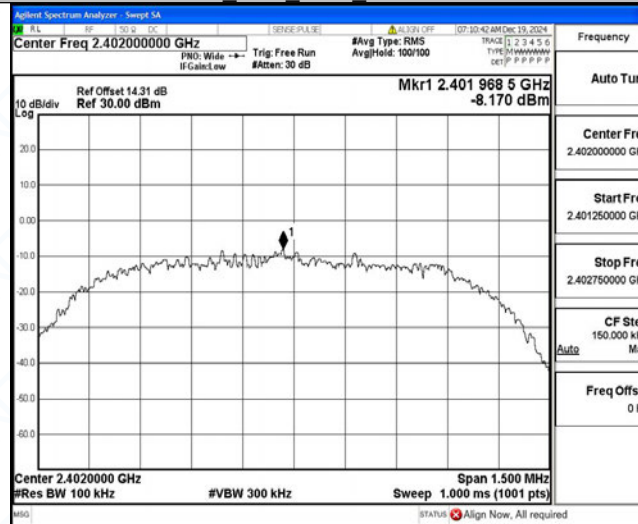


2DH5 Ant1 2480 30~1000



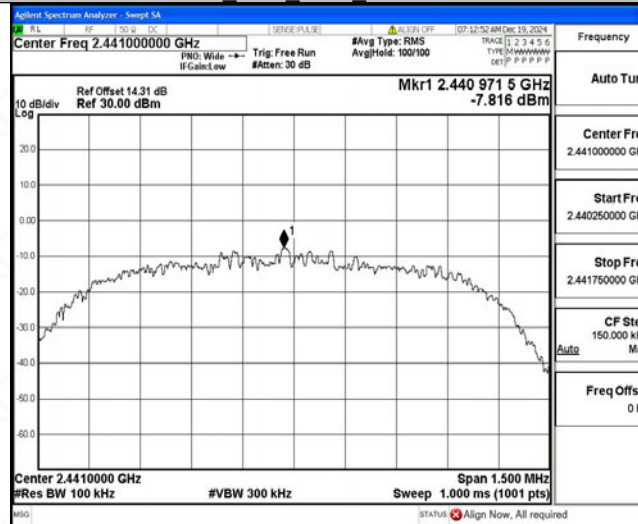
2DH5 Ant1 2480 1000~26500



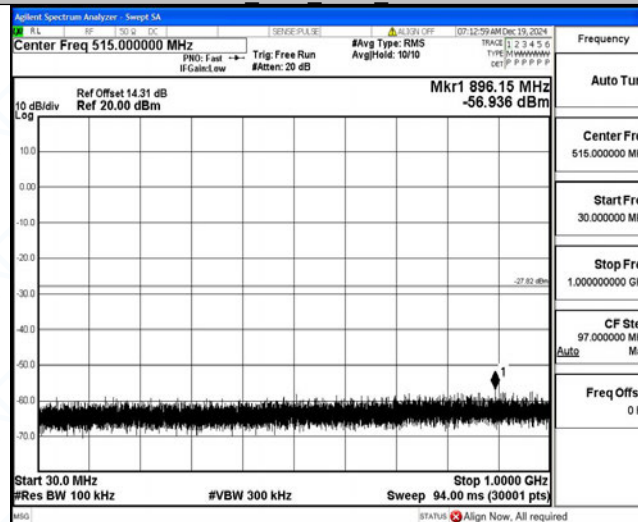




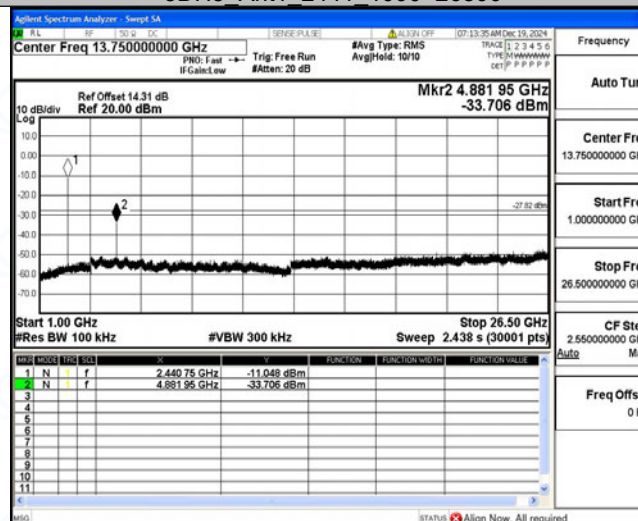
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000

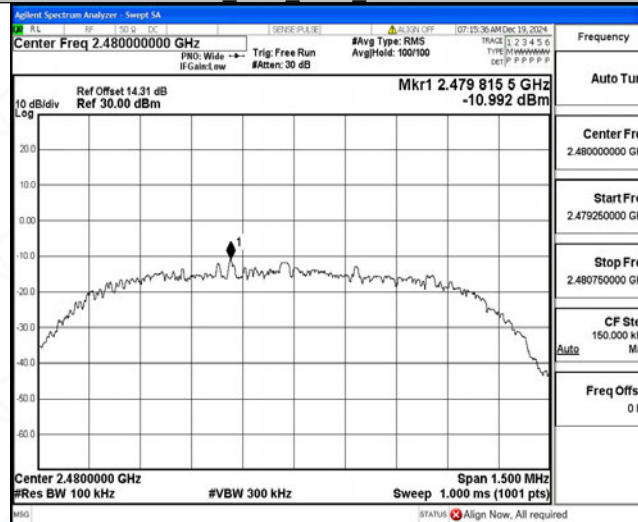


3DH5_Ant1_2441_1000~26500

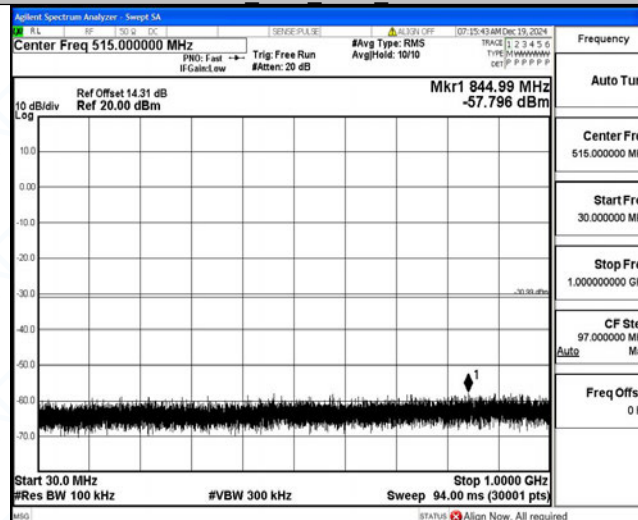




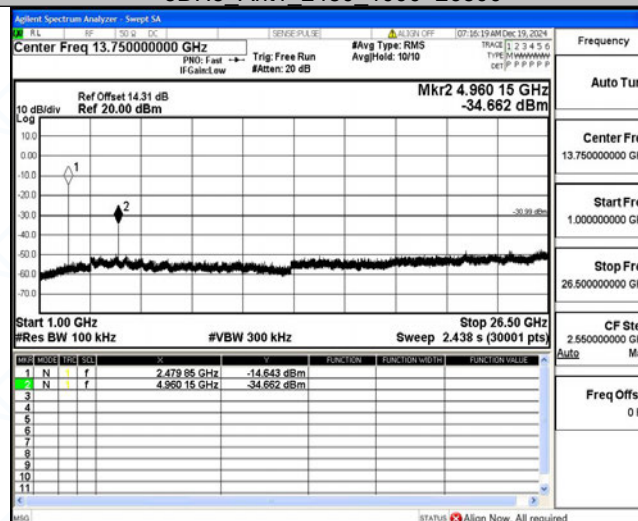
3DH5 Ant1 2480 0~Reference



3DH5 Ant1 2480 30~1000



3DH5 Ant1 2480 1000~26500



The End Report

Dongguan DN Testing Co., Ltd.

Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China

Web: www.dn-testing.com

Tel: +86-769-88087383

E-mail: service@dn-testing.com