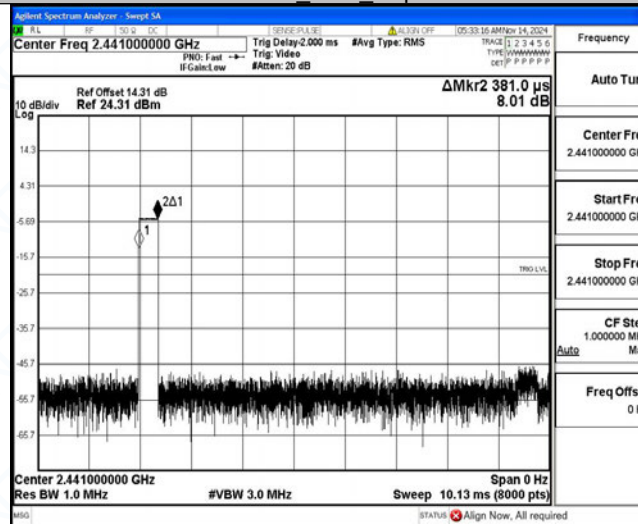


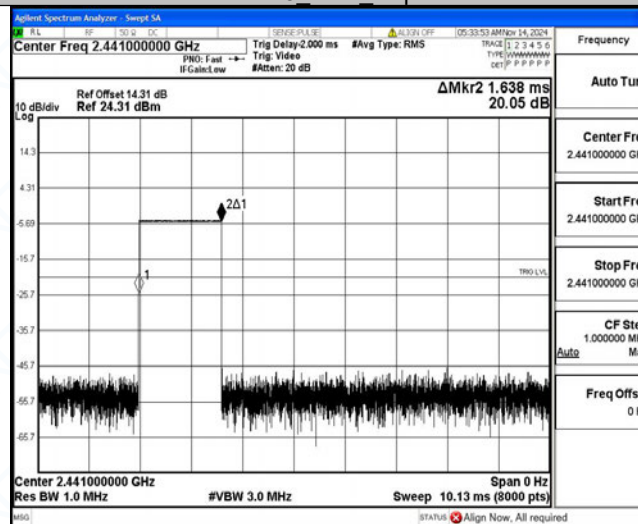


Test Graphs

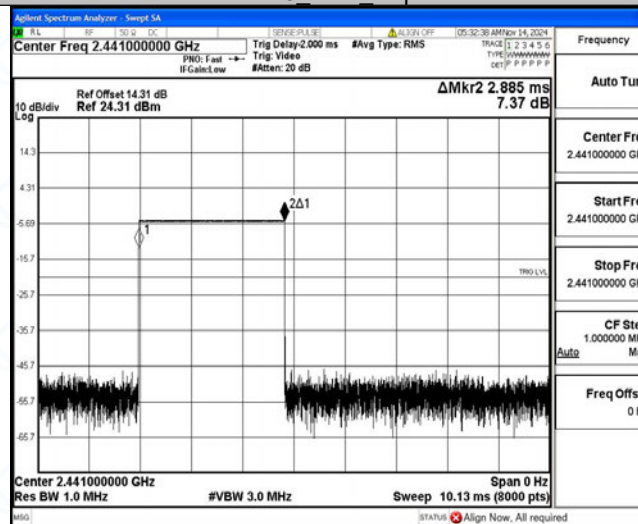
DH1_Ant1_Hop



DH3_Ant1_Hop

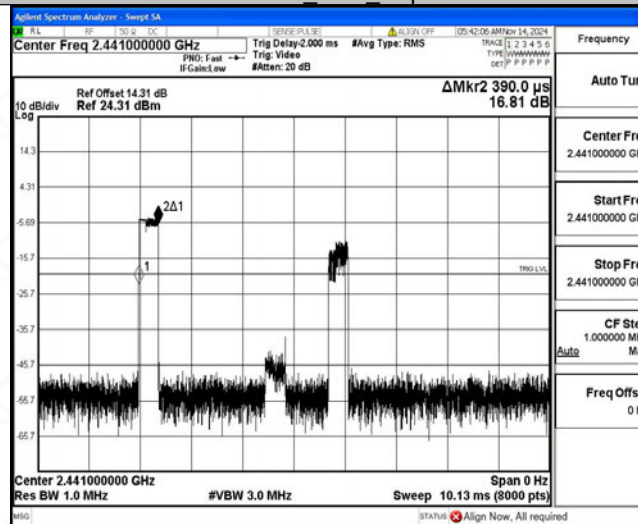


DH5_Ant1_Hop

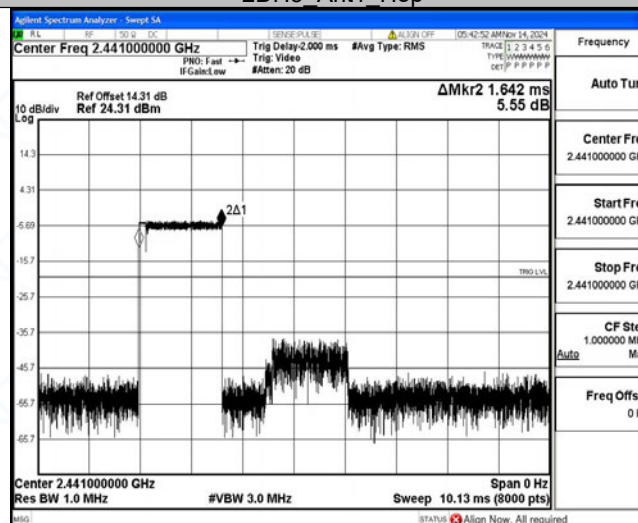




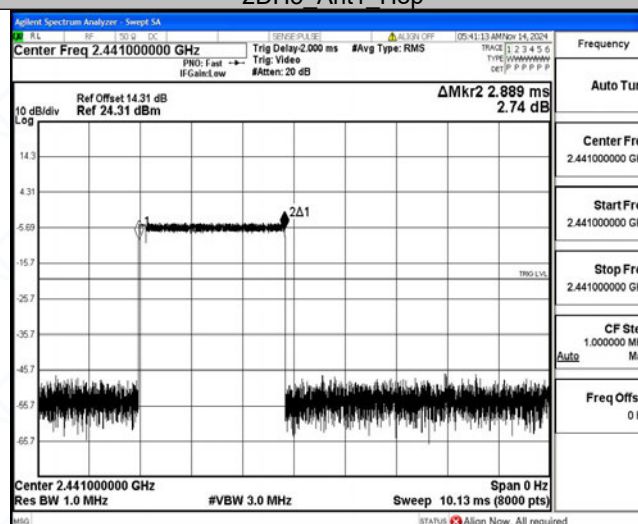
2DH1 Ant1 Hop



2DH3 Ant1 Hop



2DH5 Ant1 Hop





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[illegible]

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

IF Gain: 1.000 dB #Atten: 20 dB

Ref Offset: 14.31 dB

Ref 24.31 dBm

ΔMkr2 1.640 ms

4.61 dB

10 dB/Div

Log

14.3

4.31

-5.69

-15.7

-25.7

-35.7

-45.7

-55.7

-65.7

2.41

2.41

THRO LVL

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Str 1.000000 MHz

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

STATUS: All on Now. All required

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.441000000 GHz

Ref Offset 14.31 dB
Ref 24.31 dBm

Trig Delay: 2.000 ms
Trig. Video
#Avg Type: RMS
PWS: Fast →
IF Gain: Low
#Att: 20 dB

DMkr2 2.892 ms
1.74 dB

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Stop 1.000000 MHz

Auto

Freq Offset 0

Center 2.441000000 GHz
Res BW 1.0 MHz
#VBW 3.0 MHz
Sweep 10.13 ms (8000 pts)
Span 0 Hz

MSO STATUS: All on Now. All required



Appendix F: Number of hopping channels

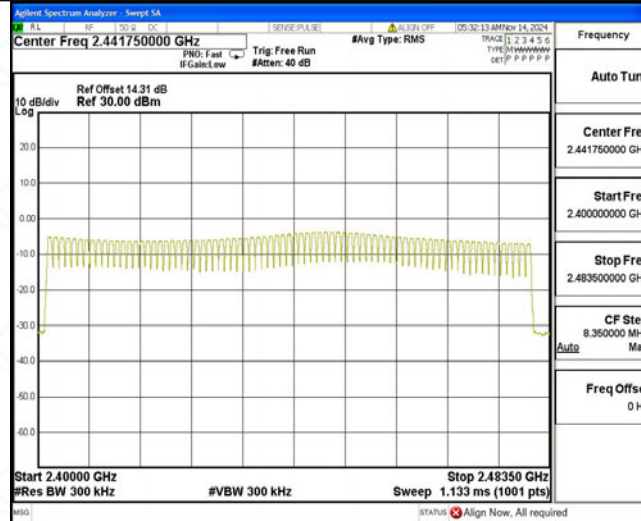
Test Result

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

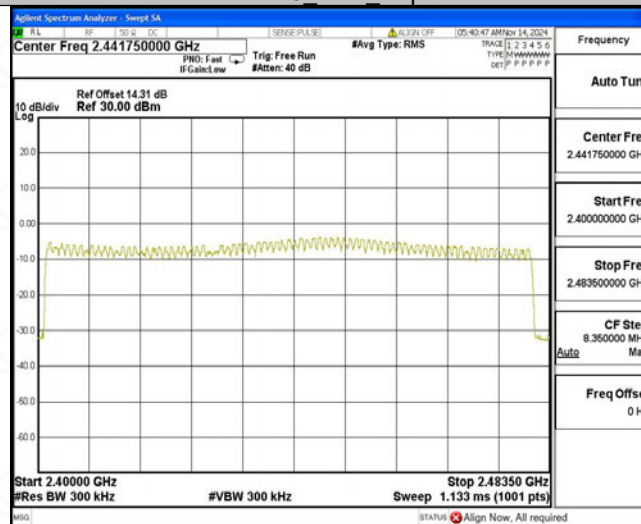


Test Graphs

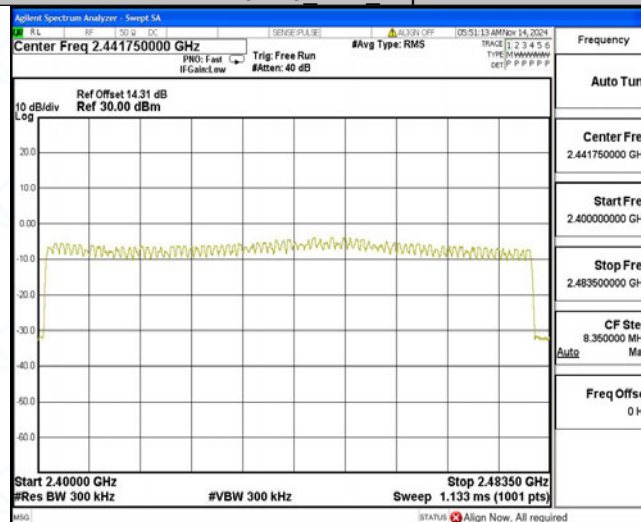
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





Appendix F: Band edge measurements

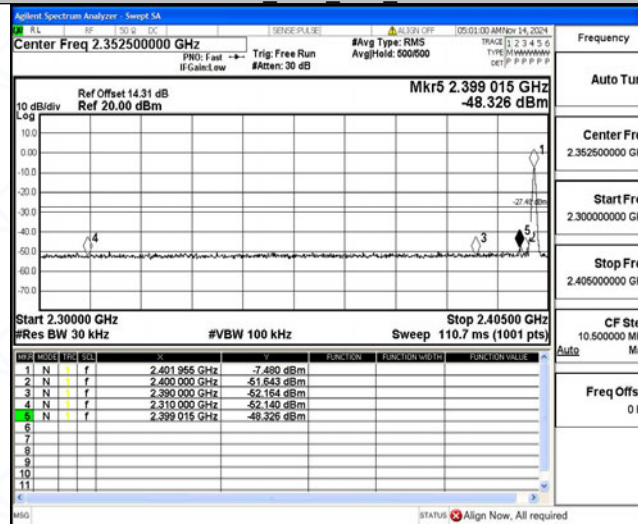
Test Result

Test Mode	Antenna	Ch Name	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-7.48	-48.33	≤-27.48	PASS
		High	2480	-9.77	-49.17	≤-29.77	PASS
		Low Hop_2402		-8.89	-50.24	≤-28.89	PASS
		High Hop_2480		-9.32	-49.24	≤-29.32	PASS
2DH5	Ant1	Low	2402	-7.63	-49.18	≤-27.63	PASS
		High	2480	-9.59	-49.68	≤-29.59	PASS
		Low Hop_2402		-8.87	-49.48	≤-28.87	PASS
		High Hop_2480		-9.44	-48.98	≤-29.44	PASS
3DH5	Ant1	Low	2402	-7.31	-48.95	≤-27.31	PASS
		High	2480	-9.57	-49.12	≤-29.57	PASS
		Low Hop_2402		-10.52	-50.49	≤-30.52	PASS
		High Hop_2480		-11.44	-49.15	≤-31.44	PASS

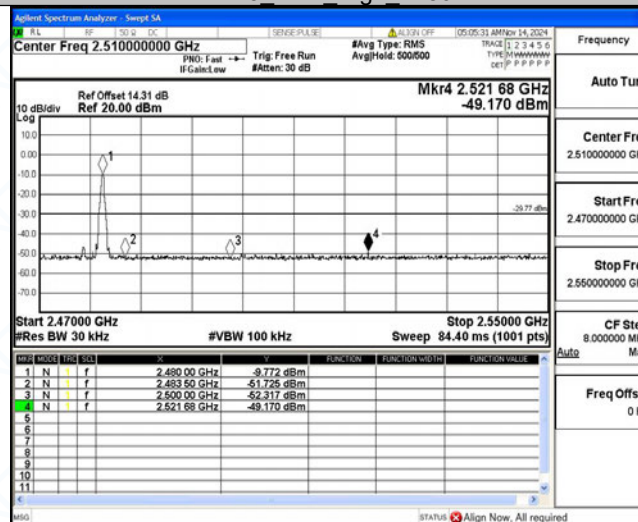


Test Graphs

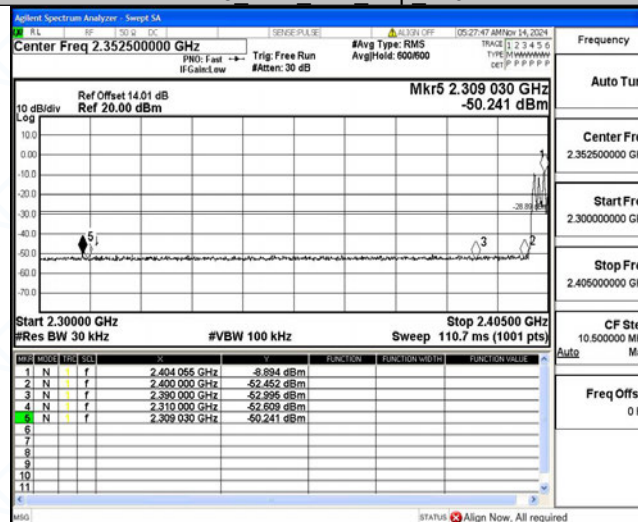
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

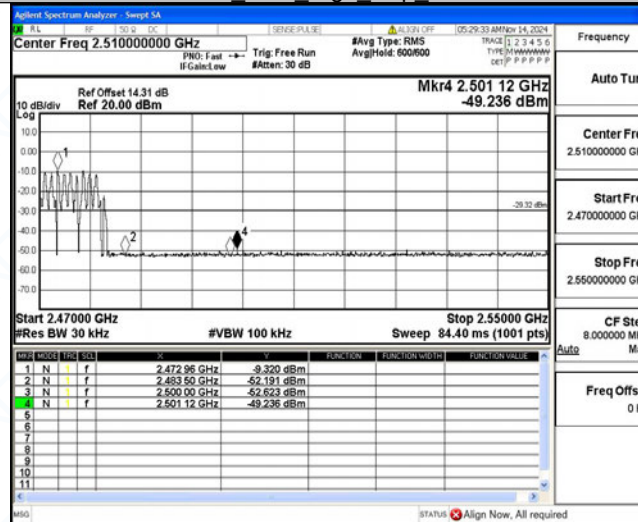


DH5_Ant1_Low_Hop_2402

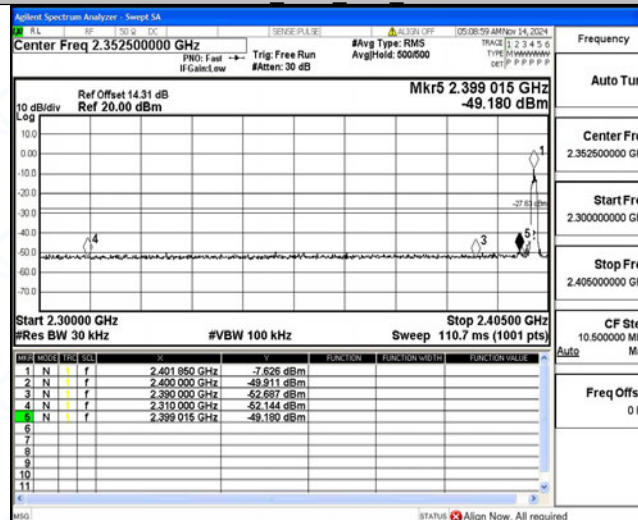




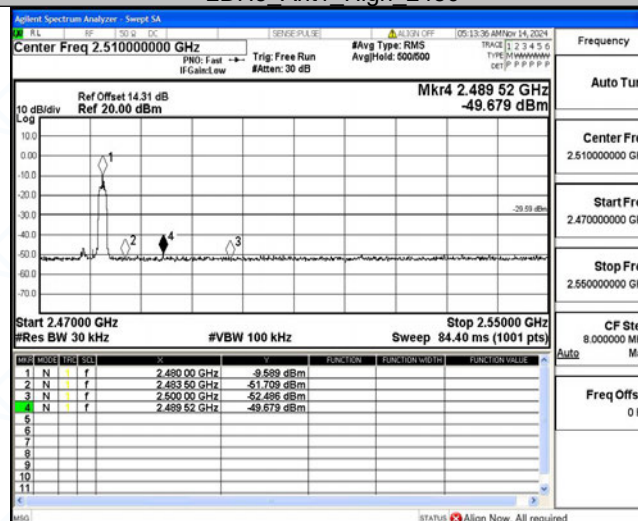
DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

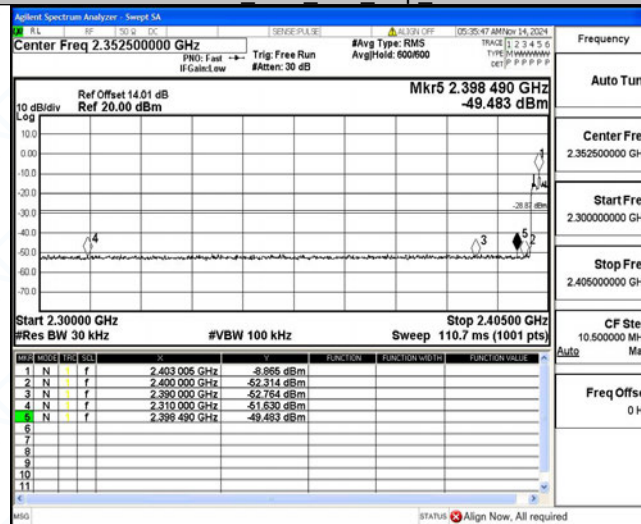


2DH5_Ant1_High_2480

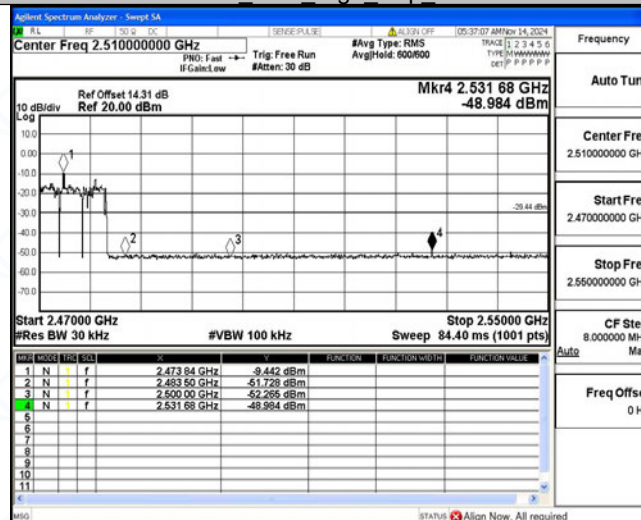




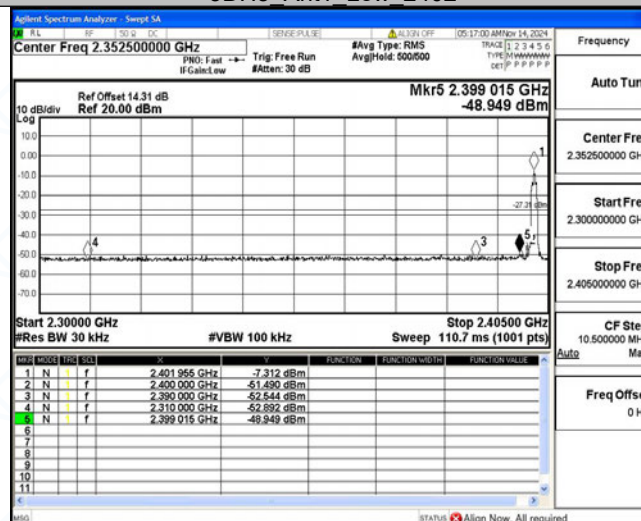
2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480

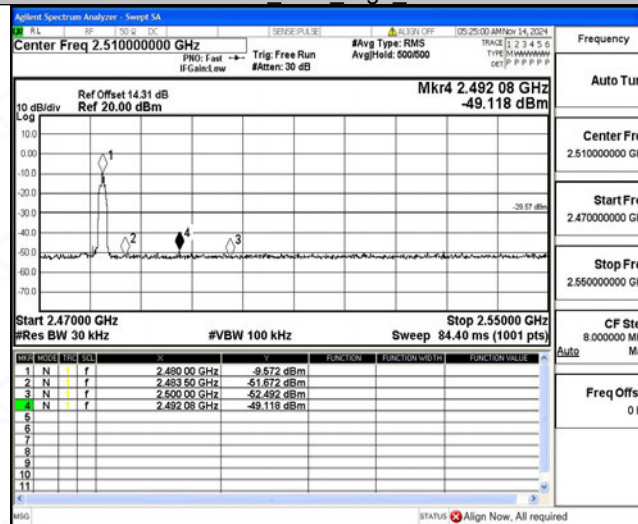


3DH5 Ant1 Low 2402

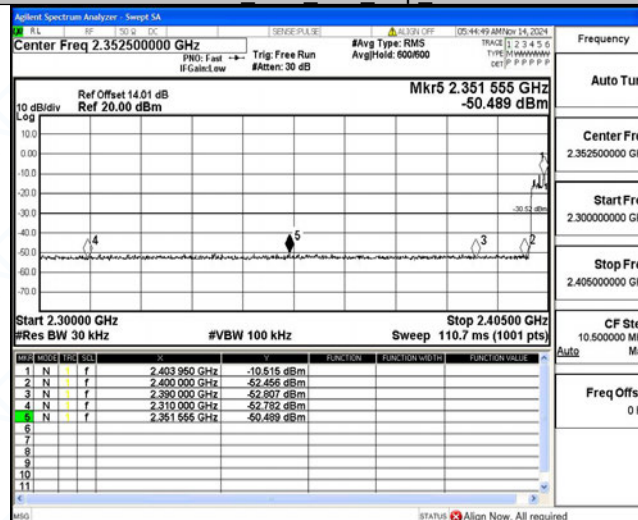




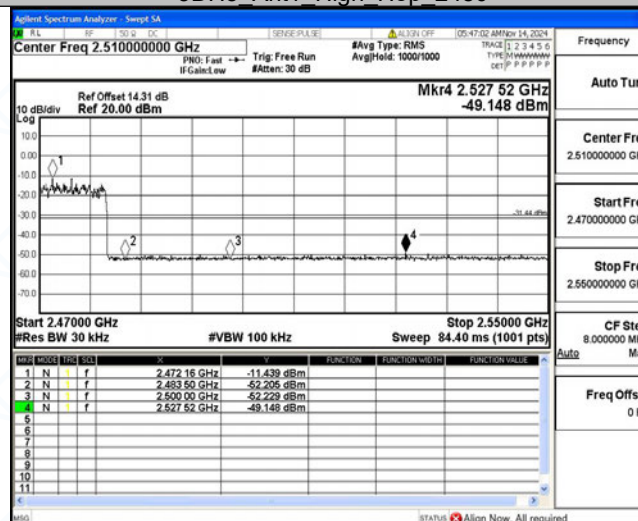
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480





Appendix F: Conducted Spurious Emission

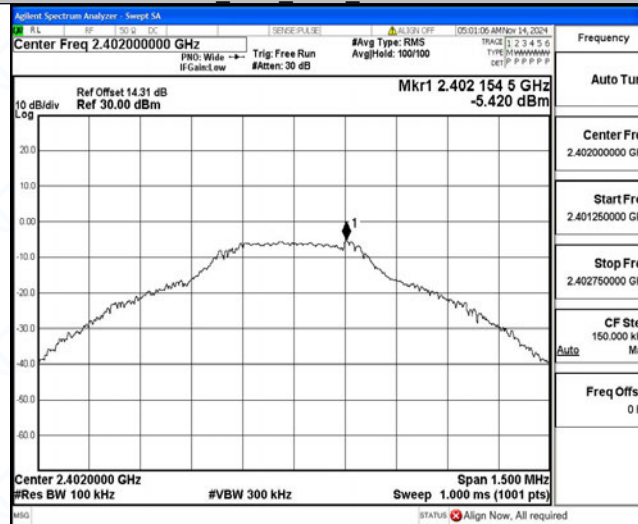
Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-5.42	-5.42	---	PASS
			30~1000	-5.42	-56.5	≤ -25.42	PASS
			1000~26500	-5.42	-40.49	≤ -25.42	PASS
		2441	Reference	-5.04	-5.04	---	PASS
			30~1000	-5.04	-56.73	≤ -25.04	PASS
			1000~26500	-5.04	-38.37	≤ -25.04	PASS
		2480	Reference	-7.72	-7.72	---	PASS
			30~1000	-7.72	-57.7	≤ -27.72	PASS
			1000~26500	-7.72	-37.3	≤ -27.72	PASS
2DH5	Ant1	2402	Reference	-5.30	-5.30	---	PASS
			30~1000	-5.30	-57.02	≤ -25.3	PASS
			1000~26500	-5.30	-39.98	≤ -25.3	PASS
		2441	Reference	-4.53	-4.53	---	PASS
			30~1000	-4.53	-57.85	≤ -24.53	PASS
			1000~26500	-4.53	-38.27	≤ -24.53	PASS
		2480	Reference	-7.28	-7.28	---	PASS
			30~1000	-7.28	-57.23	≤ -27.28	PASS
			1000~26500	-7.28	-37.14	≤ -27.28	PASS
3DH5	Ant1	2402	Reference	-5.47	-5.47	---	PASS
			30~1000	-5.47	-57.4	≤ -25.47	PASS
			1000~26500	-5.47	-39.77	≤ -25.47	PASS
		2441	Reference	-4.66	-4.66	---	PASS
			30~1000	-4.66	-56.86	≤ -24.66	PASS
			1000~26500	-4.66	-37.84	≤ -24.66	PASS
		2480	Reference	-7.49	-7.49	---	PASS
			30~1000	-7.49	-57.62	≤ -27.49	PASS
			1000~26500	-7.49	-36.91	≤ -27.49	PASS

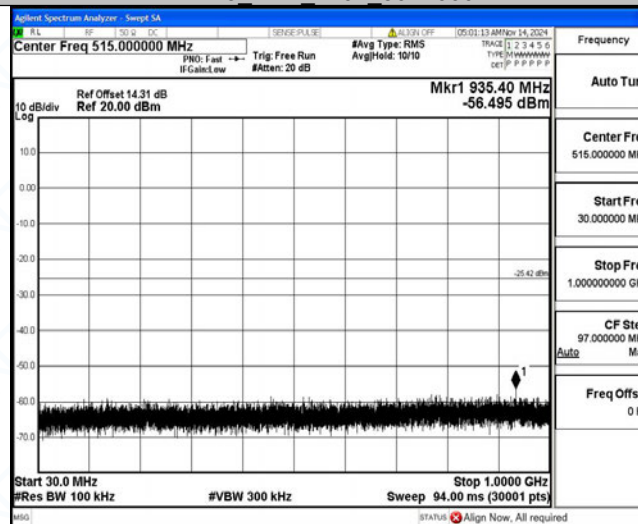


Test Graphs

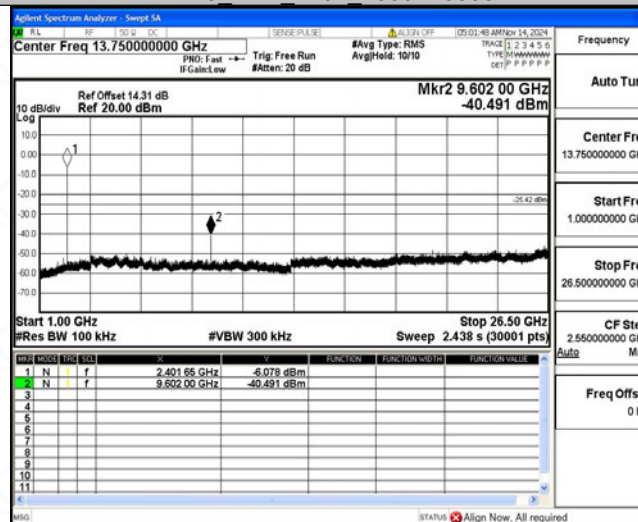
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000

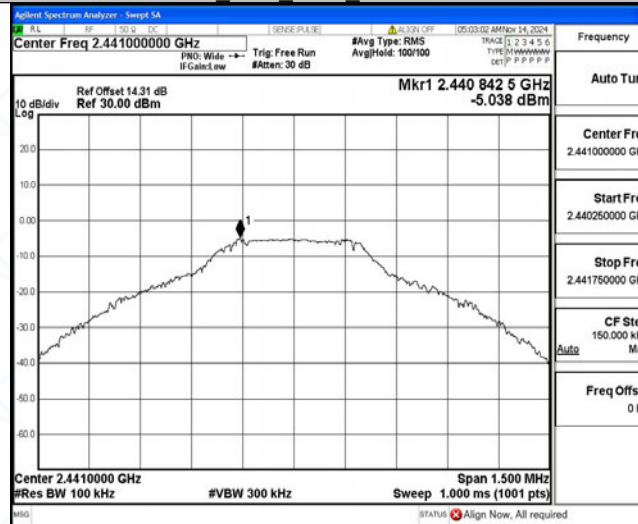


DH5_Ant1_2402_1000~26500

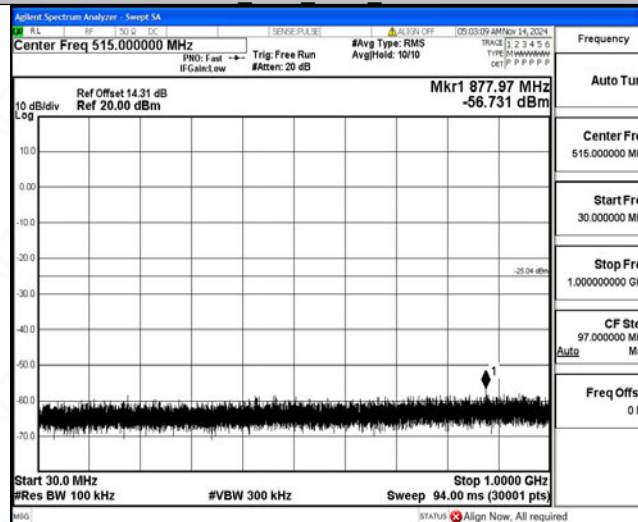




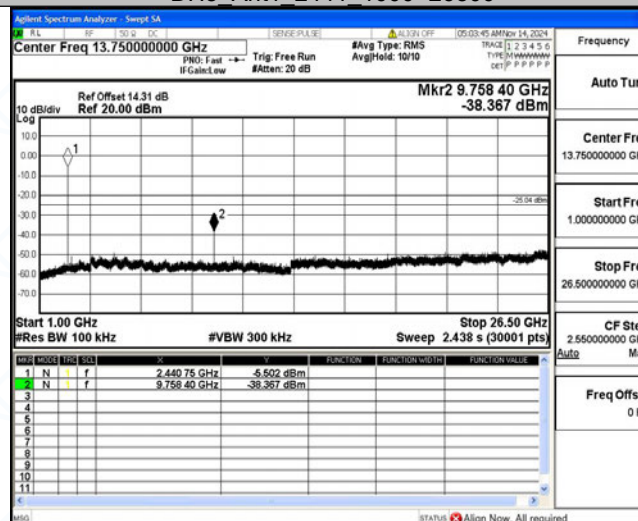
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

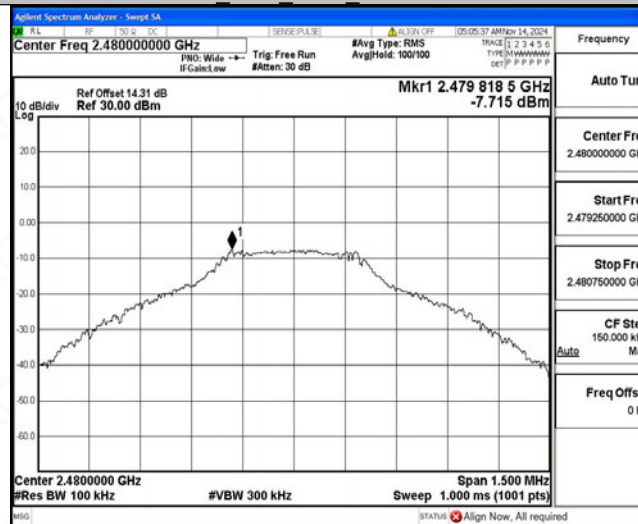


DH5_Ant1_2441_1000~26500

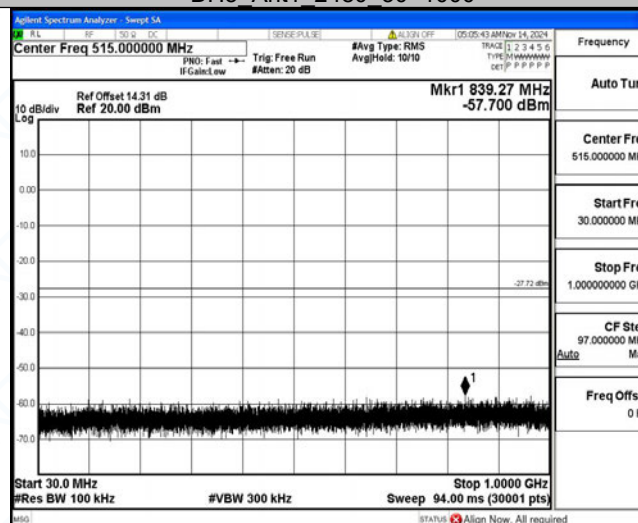




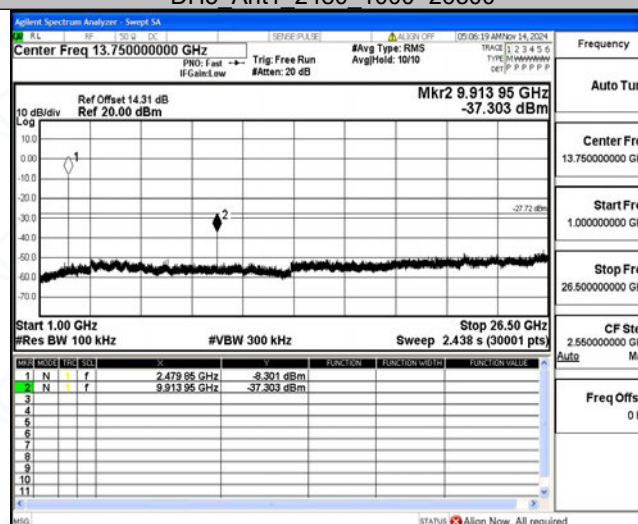
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000

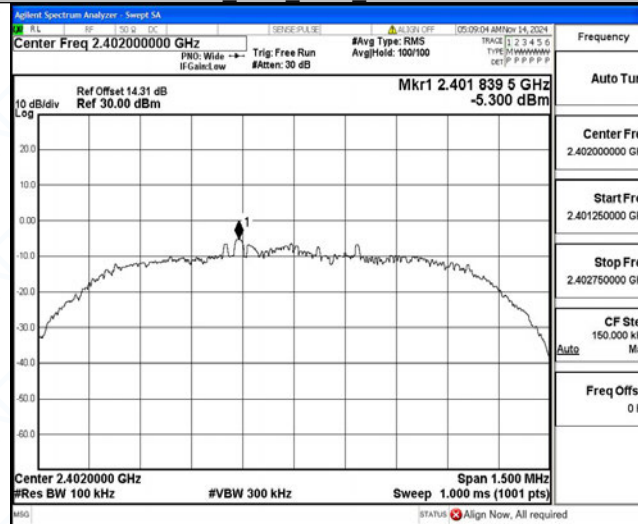


DH5_Ant1_2480_1000~26500

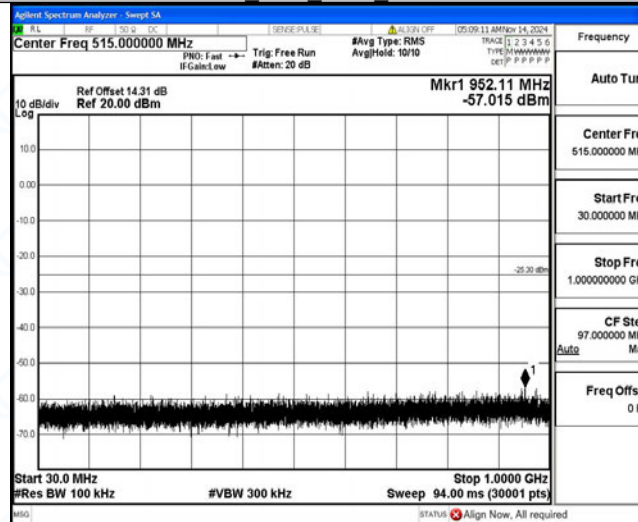




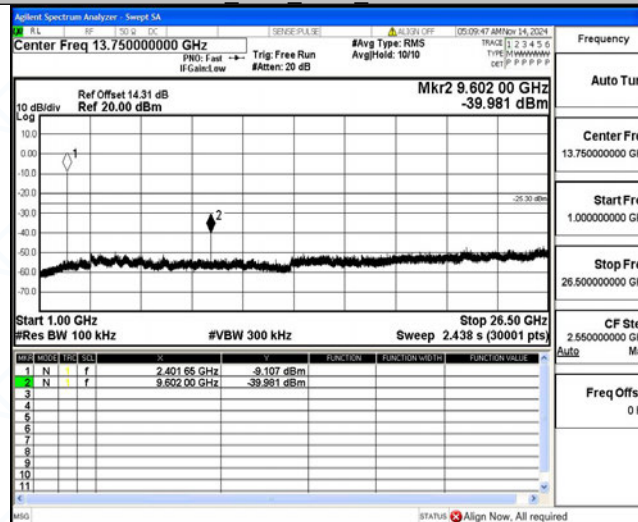
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

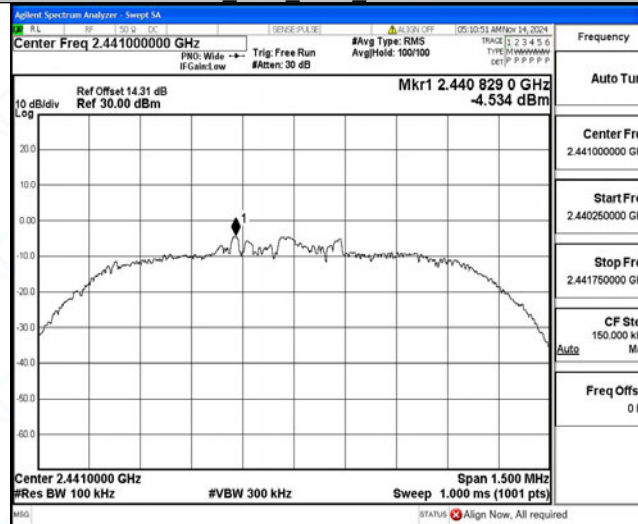


2DH5_Ant1_2402_1000~26500

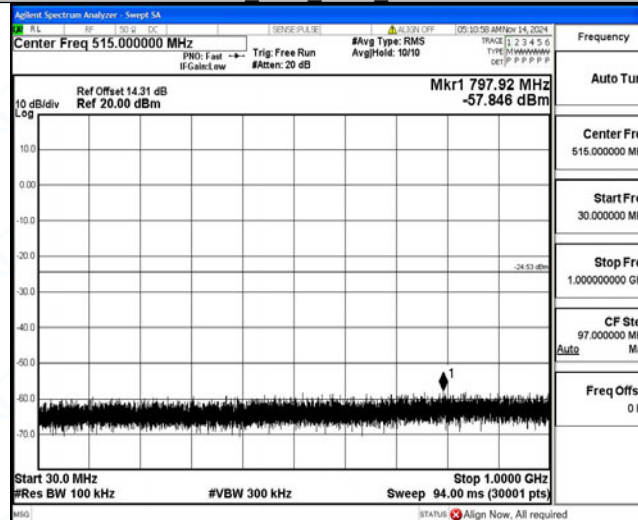




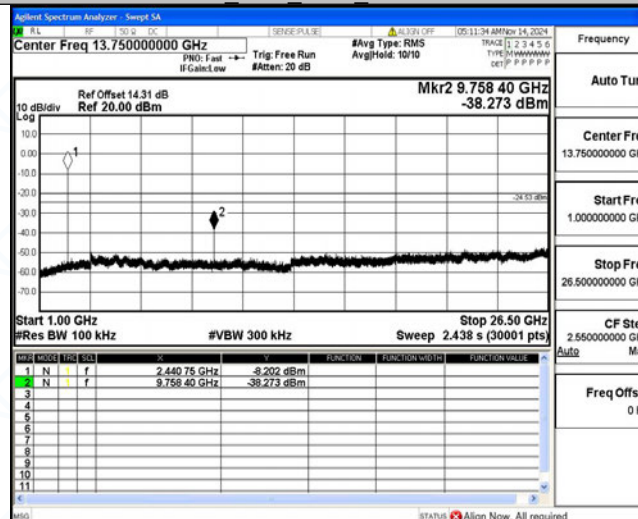
2DH5 Ant1 2441 0~Reference



2DH5 Ant1 2441 30~1000



2DH5 Ant1 2441 1000~26500





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Ref Offset 14.31 dB
 Ref 30.00 dBm
 Mkr1 2.479 836 5 GHz
 -7.277 dBm
 Center Freq 2.48000000 GHz
 Span 1.500 MHz
 Res BW 100 kHz
 #VBW 300 kHz
 Sweep 1.000 ms (1001 pts)

Agilent Spectrum Analyzer - Sweep SA

Center Freq 515.000000 MHz

Ref Offset 14.31 dB
Ref 20.00 dBm

PRO: Fast
IF Gain: Low

Trig: Free Run
#Atten: 20 dB

#Avg Type: RMS
Avg Hold: 10/10

05:13:49 AM Nov 14, 2024

TRAC [] 2 3 4 5 6
TYPE [M] wwwWave
SET [] P P P P P

Frequency

Auto Tun

Center Freq
515.000000 MHz

Start Freq
30.000000 MHz

Stop Freq
1.00000000 GHz

CF Stop
97.000000 MHz
Auto M

Freq Offset
0

10 dBdiv
Log

Mkr1 859.80 MHz
-57.234 dBm

-27.28 dBm

Start 30.0 MHz
#Res BW 100 kHz

#VBW 300 kHz

Stop 1.0000 GHz
Sweep 94.00 ms (30001 pts)

MSO: [] STATUS [X] Align Now. All required

Agilent Spectrum Analyzer - Swept SA

Center Freq 13.75000000 GHz
 Prod: f and IF Calc: ew
 Trig: Free Run
 #Attain: 20 dB

#Avg Type: RMS
 Avg/Ref: 10/10

(OS) 14:24 AM Nov 14, 2004
 Trace ID: 2_3_4_6
 Type: WWWWWW
 Oct: P P P P P

Frequency

Auto Tuning

Center Frequency
 13.75000000 GHz

Start Frequency
 1.00000000 GHz

Stop Frequency
 26.50000000 GHz

CF Stop
 2.55000000 GHz

Log

Ref Offset 14.31 dB
 Ref 20.00 dBm

Mkr2 9.913 95 GHz
 -37.138 dBm

-27.20 dBm

Start 1.00 GHz
 #Res BW 100 kHz
 #VBW 300 kHz

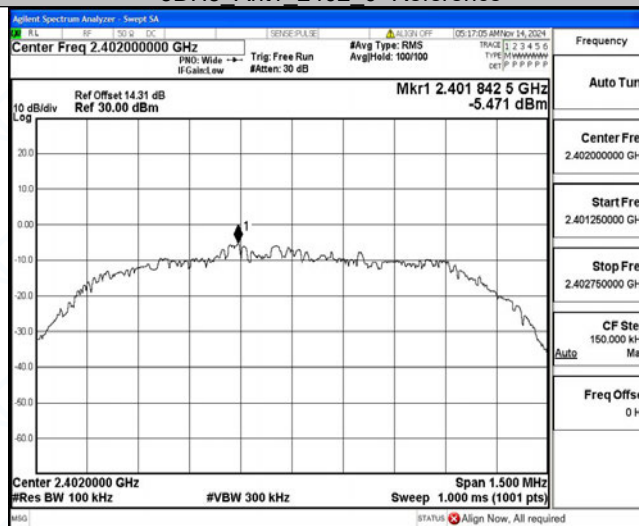
Stop 26.50 GHz
 Sweep 2.438 s (30001 pts)

MKR MODE	FREQ	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	2.479 85 GHz	-10.928 dBm			
2	N	f	9.913 95 GHz	-37.138 dBm			
3							
4							
5							
6							
7							
8							
9							
10							
11							

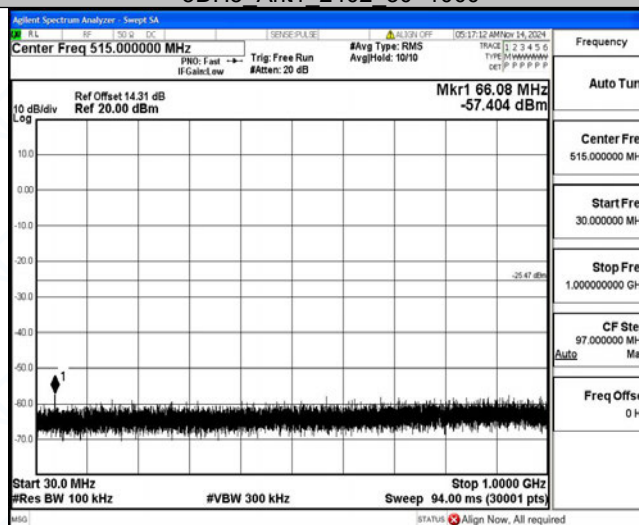
Frequency Offset
 0 Hz



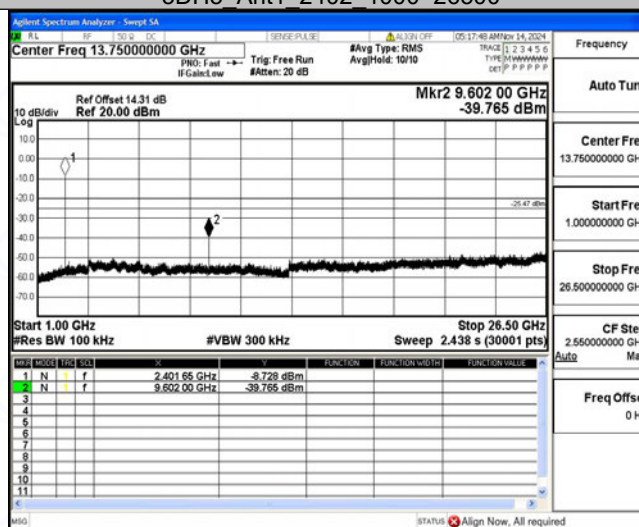
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000

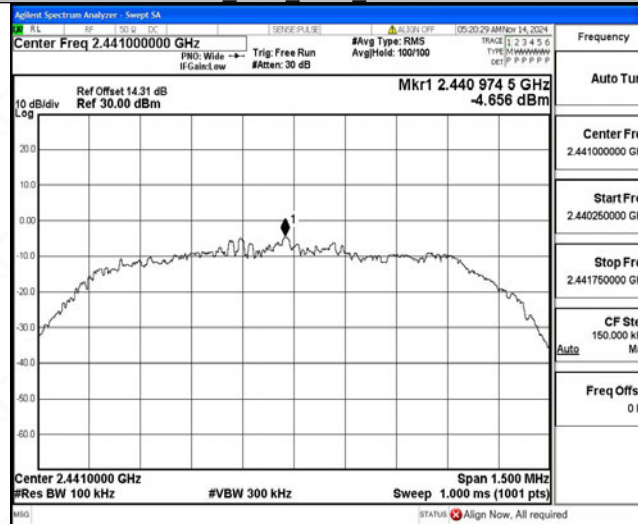


3DH5_Ant1_2402_1000~26500

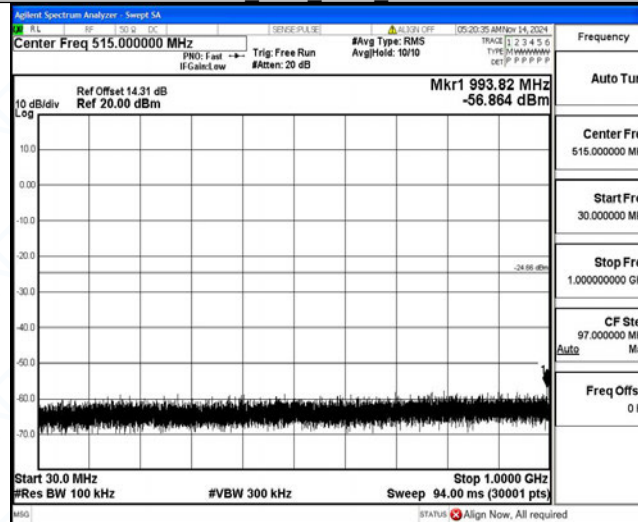




3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

