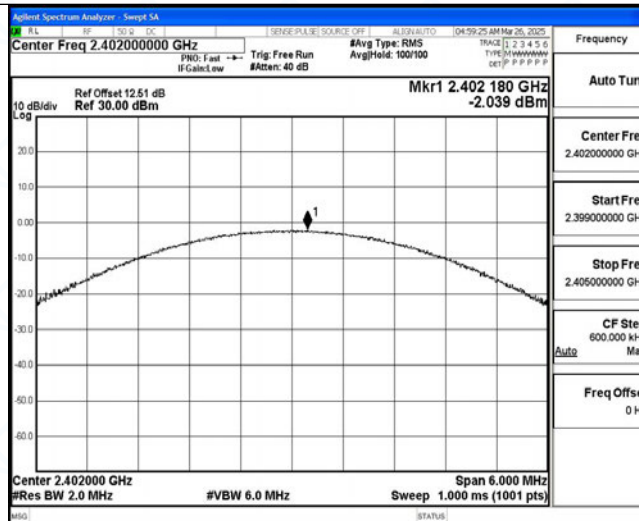
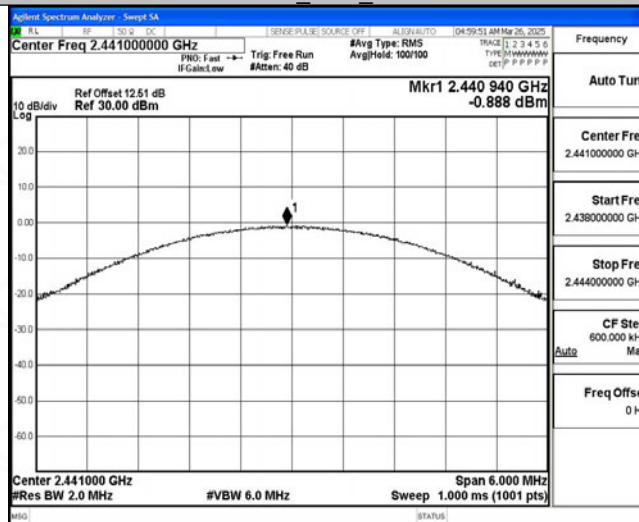
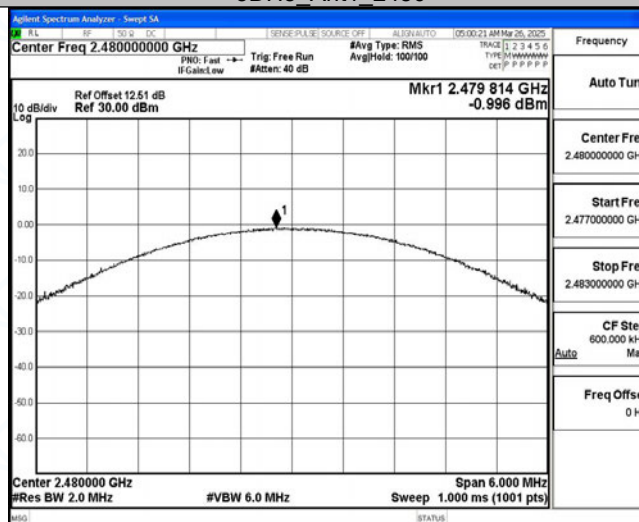




3DH5_Ant1_2441



3DH5_Ant1_2480





Appendix C: Carrier frequency separation

Test Result

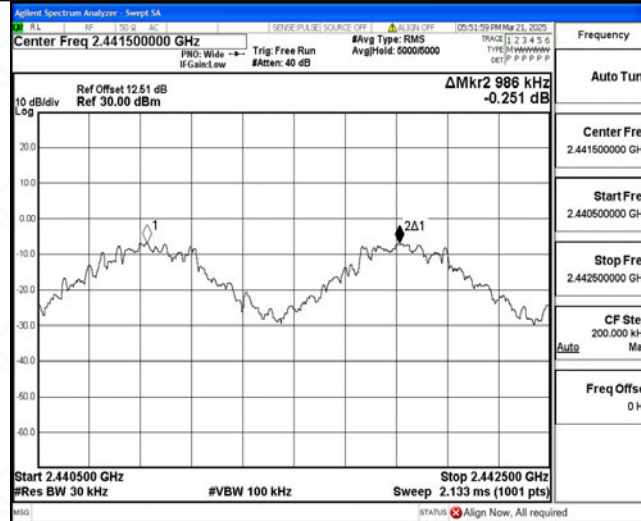
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.986	≥0.960	PASS
2DH5	Ant1	Hop	1.004	≥0.884	PASS
3DH5	Ant1	Hop	0.902	≥0.892	PASS

Note:The left earphone is the worst case. Only the worst case is reported.

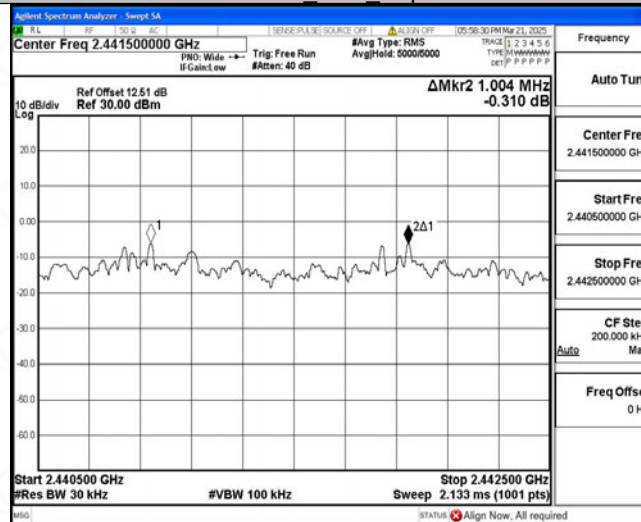


Test Graphs

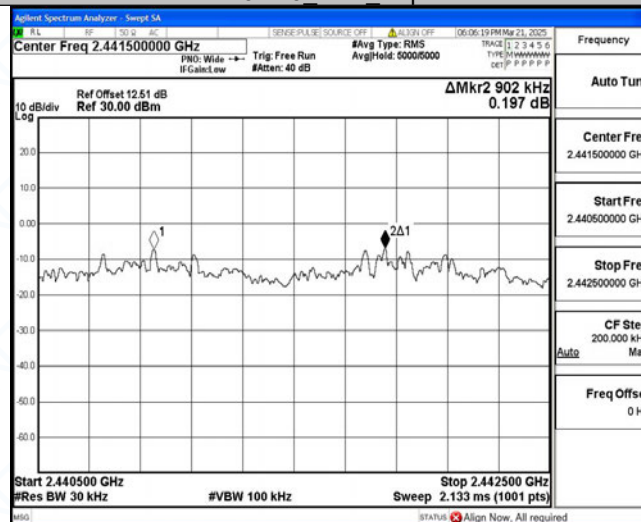
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





Appendix D: Dwell Time

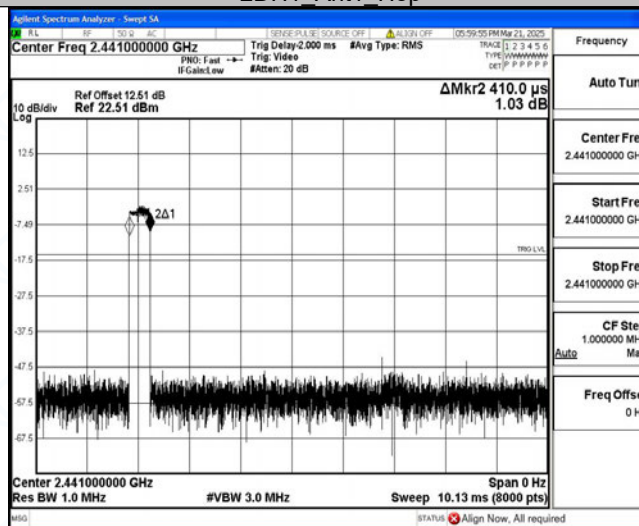
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.402	320	0.129	≤0.4	PASS
DH3	Ant1	Hop	1.657	160	0.265	≤0.4	PASS
DH5	Ant1	Hop	2.906	106.67	0.31	≤0.4	PASS
2DH1	Ant1	Hop	0.410	320	0.131	≤0.4	PASS
2DH3	Ant1	Hop	1.663	160	0.266	≤0.4	PASS
2DH5	Ant1	Hop	2.911	106.67	0.311	≤0.4	PASS
3DH1	Ant1	Hop	0.410	320	0.131	≤0.4	PASS
3DH3	Ant1	Hop	1.662	160	0.266	≤0.4	PASS
3DH5	Ant1	Hop	2.912	106.67	0.311	≤0.4	PASS

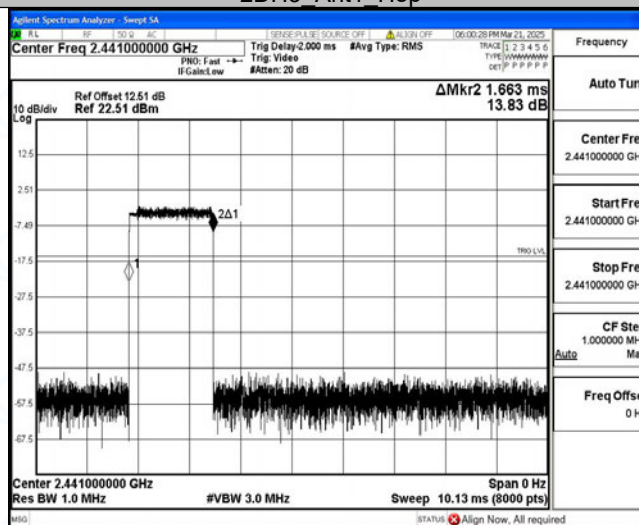
Note:The left earphone is the worst case. Only the worst case is reported.



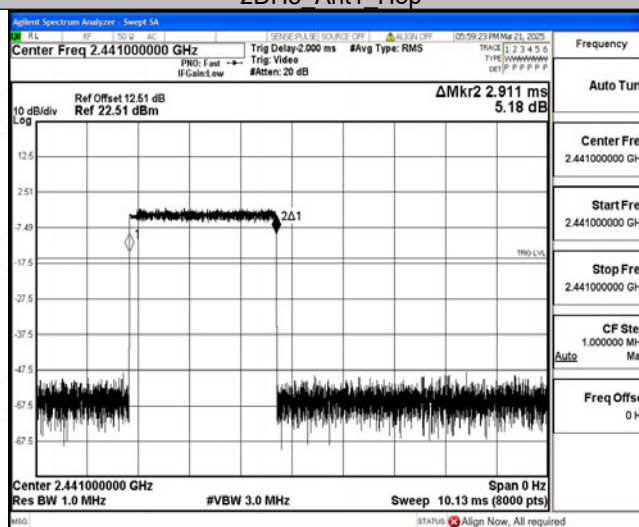
2DH1 Ant1 Hop

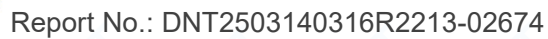


2DH3 Ant1 Hop



2DH5 Ant1 Hop





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Ref Offset 12.61 dB
 Ref 22.51 dBm
 Center Freq 2.441000000 GHz
 Trig Delay 2.000 ms
 #Avg Type: RMS
 PHO: Fast
 IF Gain: Low
 #Atten: 20 dB
 ΔMkr2 410.0 μs
 0.78 dB
 20 dBm
 Δ1
 Span 0 Hz
 Res BW 1.0 MHz
 #VBW 3.0 MHz
 Sweep 10.13 ms (8000 pts)

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

IF Gain: 1.000 #Atten: 20 dB

Ref Offset: 12.51 dB Ref: 22.51 dBm

ΔMkr2 1.662 ms

10 dB/div Log

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Span 1.000000 MHz

Freq Offset 0.000000 MHz

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

Agilent Spectrum Analyzer - Sweet SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms

Trig Type: RMS

Ref Offset: 12.51 dB

Ref: 22.51 dBm

DMkr2: 2.912 ms

-1.06 dB

20 dB

12.5

2.51

-7.40

-17.5

-27.5

-47.5

-57.5

-67.5

Center 2.441000000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 10.13 ms (8000 pts)

Span 0 Hz

CF Stop 1.000000 MHz

Auto

Freq Offset 0

STATUS: All on Now. All received



Appendix E: Number of hopping channels

Test Result

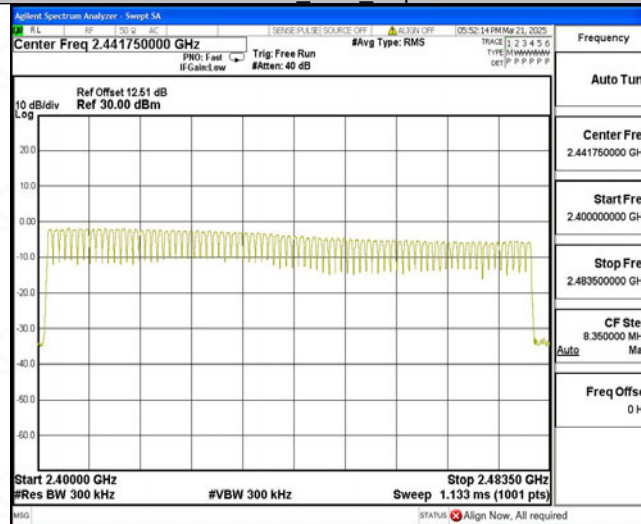
TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Note:The left earphone is the worst case. Only the worst case is reported.

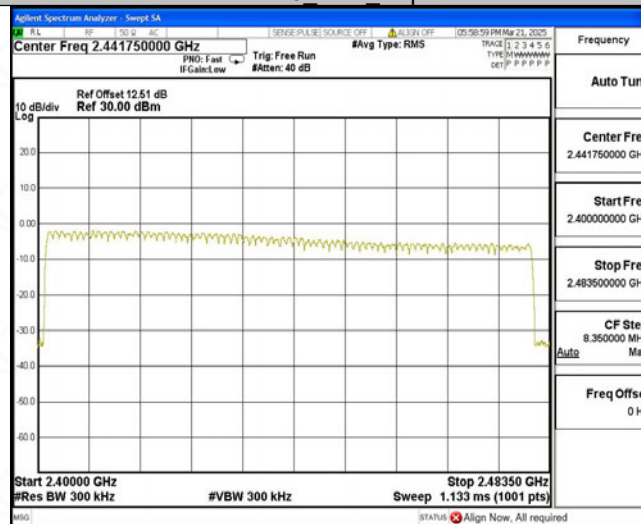


Test Graphs

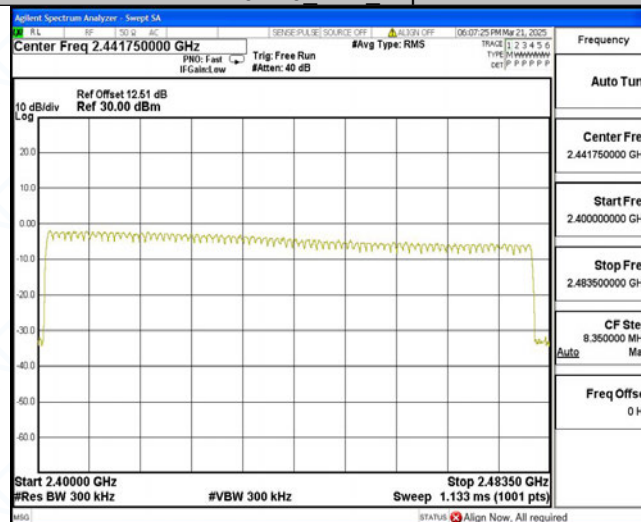
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





Appendix F: Band edge measurements

Test Result

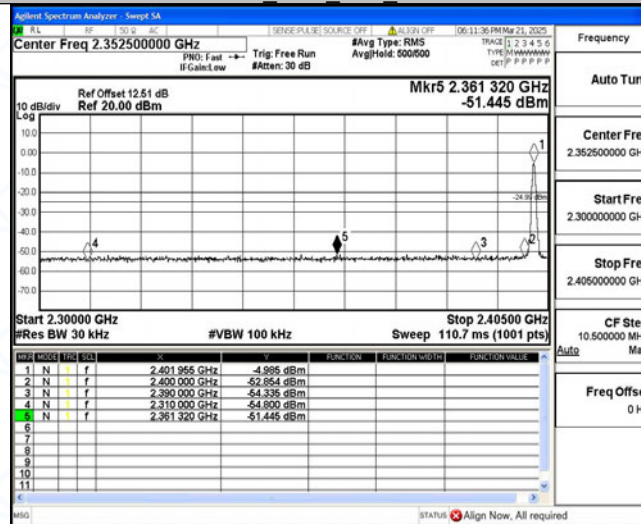
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.99	-51.45	≤-24.99	PASS
		High	2480	-8.80	-41.55	≤-28.8	PASS
		Low	Hop_2402	-5.39	-51.09	≤-25.39	PASS
		High	Hop_2480	-8.60	-41.79	≤-28.6	PASS
2DH5	Ant1	Low	2402	-5.86	-51.34	≤-25.86	PASS
		High	2480	-11.35	-44.66	≤-31.35	PASS
		Low	Hop_2402	-5.82	-51.01	≤-25.82	PASS
		High	Hop_2480	-9.20	-50.15	≤-29.2	PASS
3DH5	Ant1	Low	2402	-4.06	-51.28	≤-24.06	PASS
		High	2480	-8.50	-37.59	≤-28.5	PASS
		Low	Hop_2402	-4.18	-51.52	≤-24.18	PASS
		High	Hop_2480	-8.49	-38.88	≤-28.49	PASS

Note:The left earphone is the worst case. Only the worst case is reported.

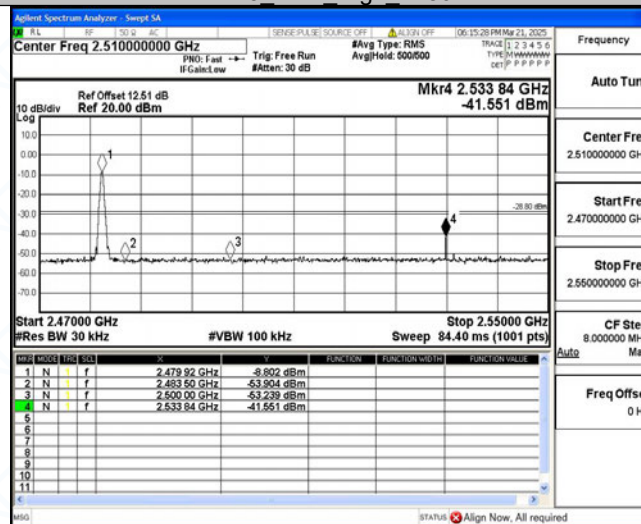


Test Graphs

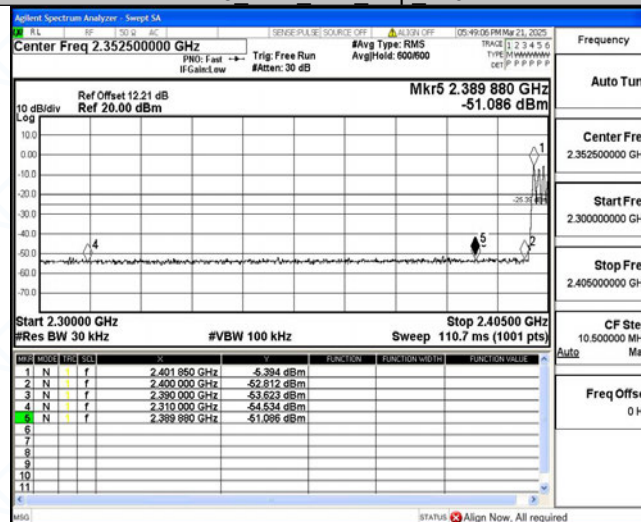
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

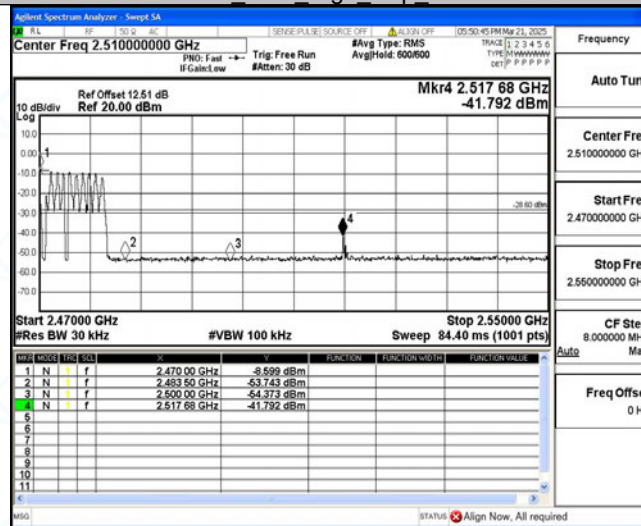


DH5_Ant1_Low_Hop_2402

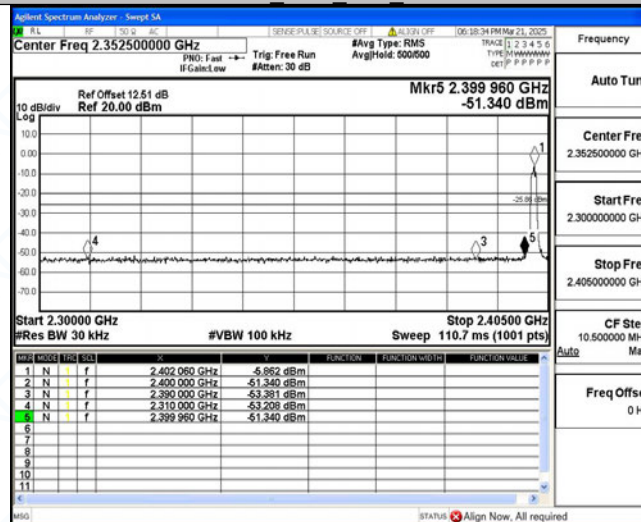




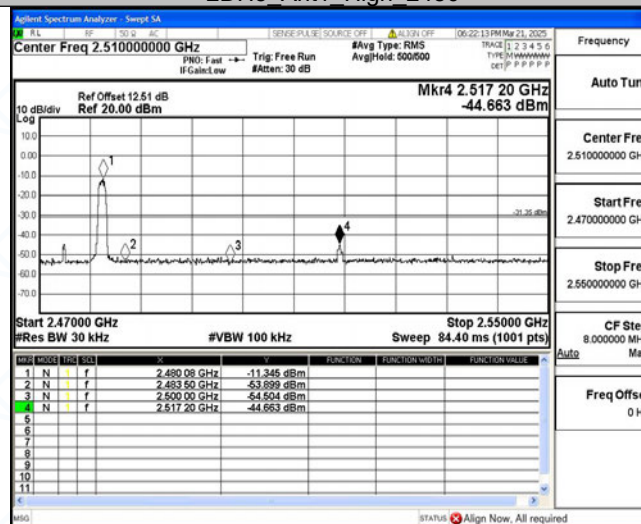
DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

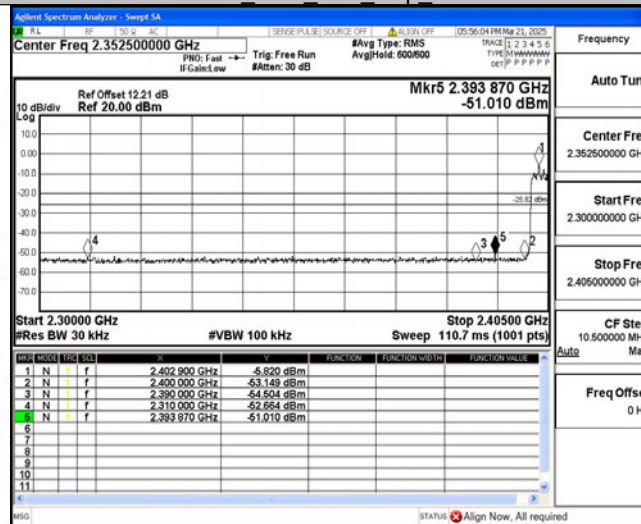


2DH5_Ant1_High_2480

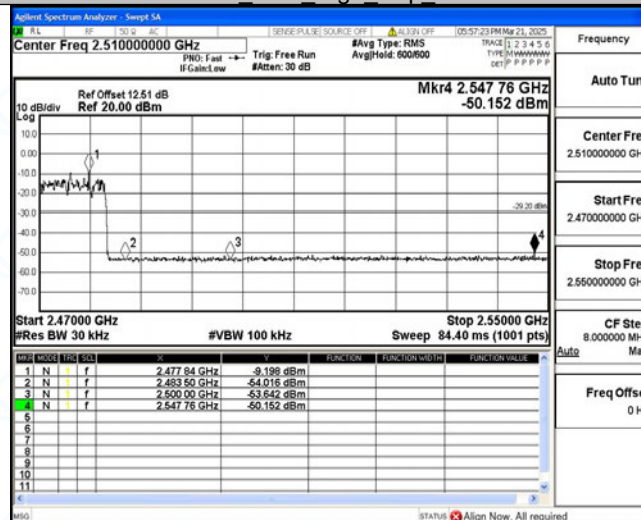




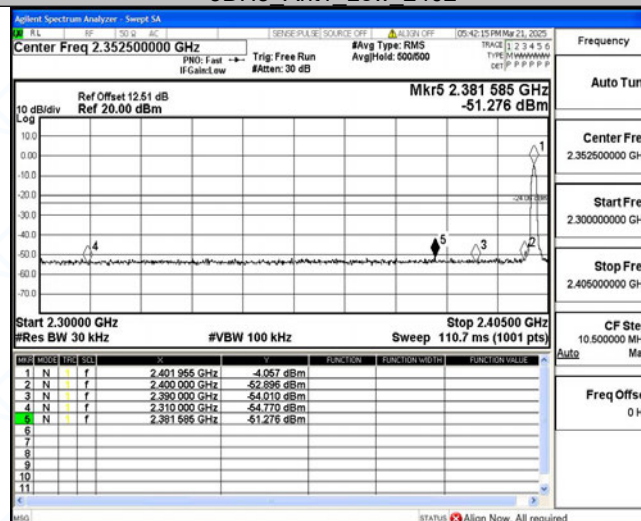
2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480

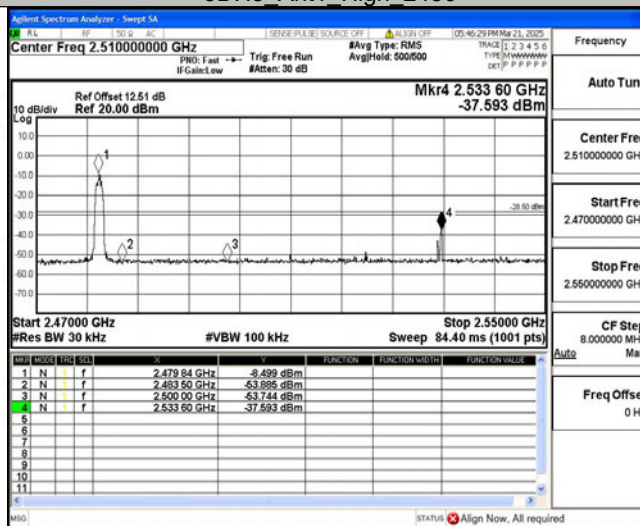


3DH5 Ant1 Low 2402

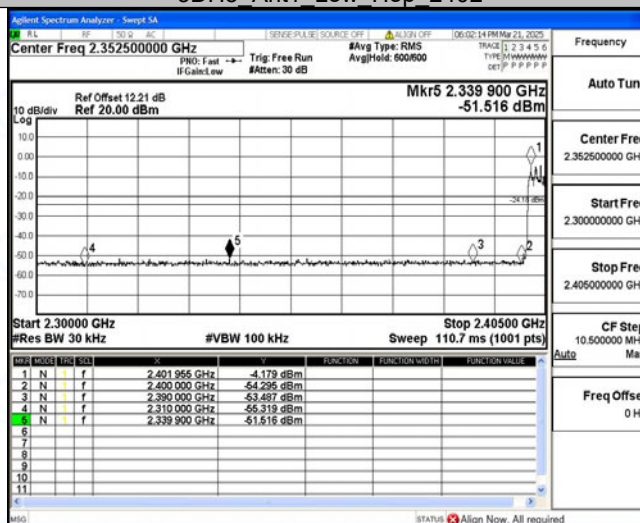




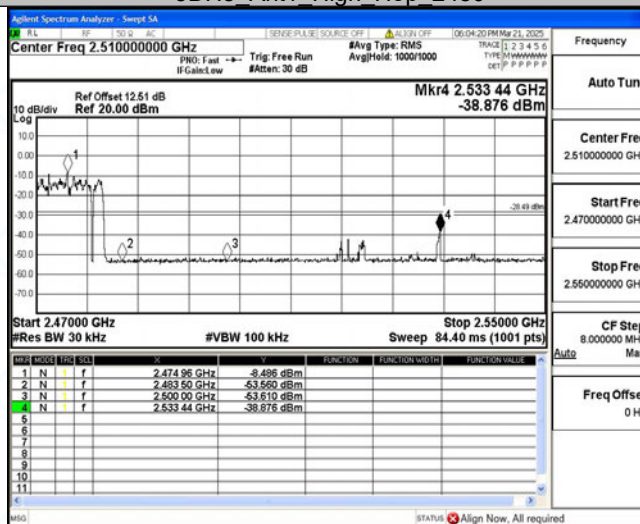
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480





Appendix G: Conducted Spurious Emission

Test Result

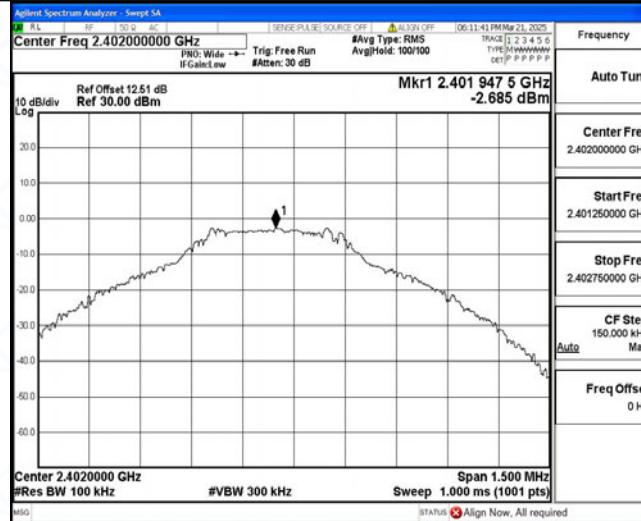
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.69	-2.69	---	PASS
			30~1000	-2.69	-57.32	≤ -22.69	PASS
			1000~26500	-2.69	-29.46	≤ -22.69	PASS
		2441	Reference	-5.04	-5.04	---	PASS
			30~1000	-5.04	-56.41	≤ -25.04	PASS
			1000~26500	-5.04	-30.71	≤ -25.04	PASS
		2480	Reference	-6.37	-6.37	---	PASS
			30~1000	-6.37	-55.77	≤ -26.37	PASS
			1000~26500	-6.37	-33.41	≤ -26.37	PASS
2DH5	Ant1	2402	Reference	-2.89	-2.89	---	PASS
			30~1000	-2.89	-55.97	≤ -22.89	PASS
			1000~26500	-2.89	-26.76	≤ -22.89	PASS
		2441	Reference	-4.40	-4.40	---	PASS
			30~1000	-4.40	-56.59	≤ -24.4	PASS
			1000~26500	-4.40	-32.46	≤ -24.4	PASS
		2480	Reference	-6.24	-6.24	---	PASS
			30~1000	-6.24	-57.16	≤ -26.24	PASS
			1000~26500	-6.24	-36.88	≤ -26.24	PASS
3DH5	Ant1	2402	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-57.11	≤ -22.22	PASS
			1000~26500	-2.22	-33.41	≤ -22.22	PASS
		2441	Reference	-4.19	-4.19	---	PASS
			30~1000	-4.19	-55.41	≤ -24.19	PASS
			1000~26500	-4.19	-35.96	≤ -24.19	PASS
		2480	Reference	-6.10	-6.10	---	PASS
			30~1000	-6.10	-56.2	≤ -26.1	PASS
			1000~26500	-6.10	-38.27	≤ -26.1	PASS

Note:The left earphone is the worst case. Only the worst case is reported.

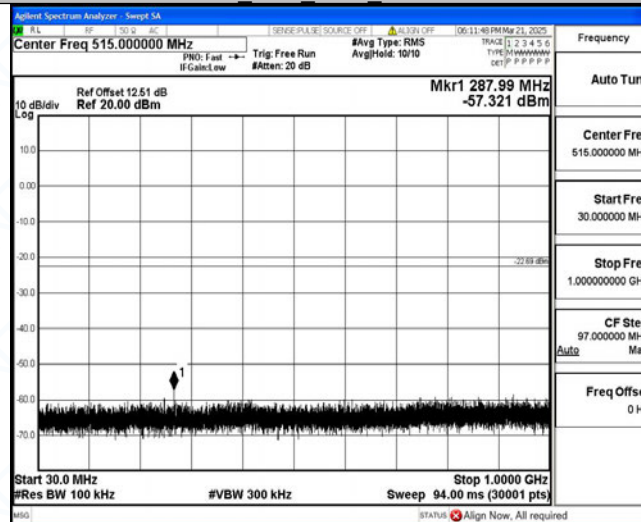


Test Graphs

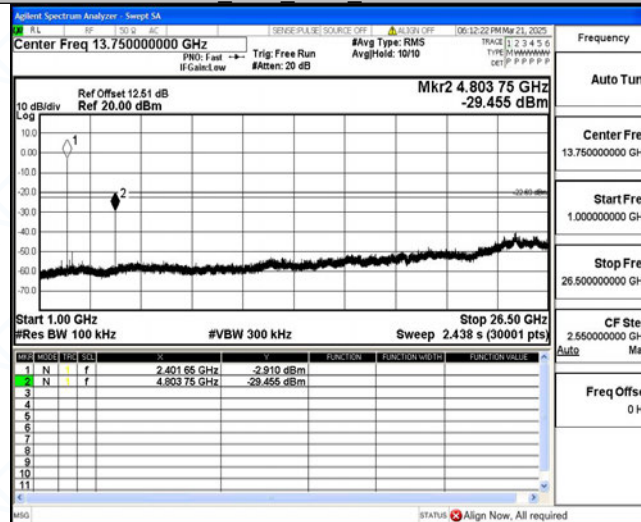
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000

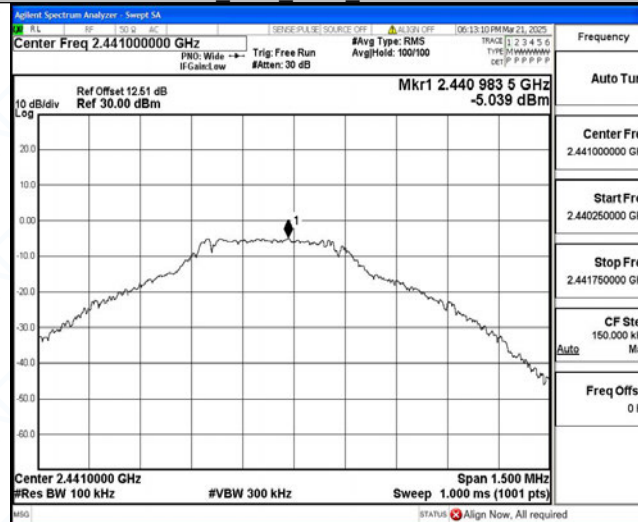


DH5_Ant1_2402_1000~26500

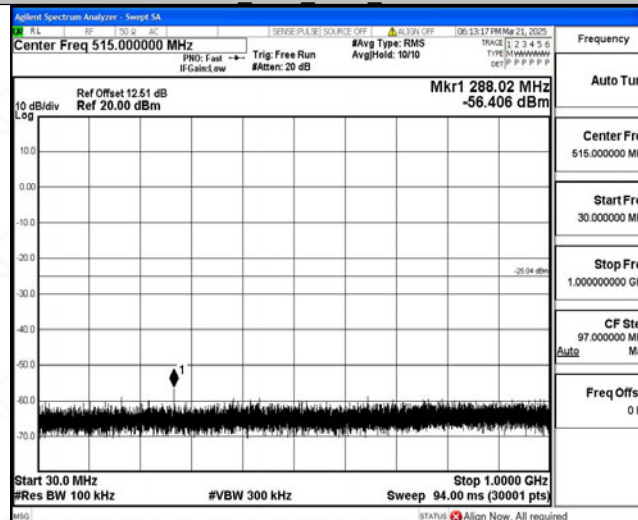




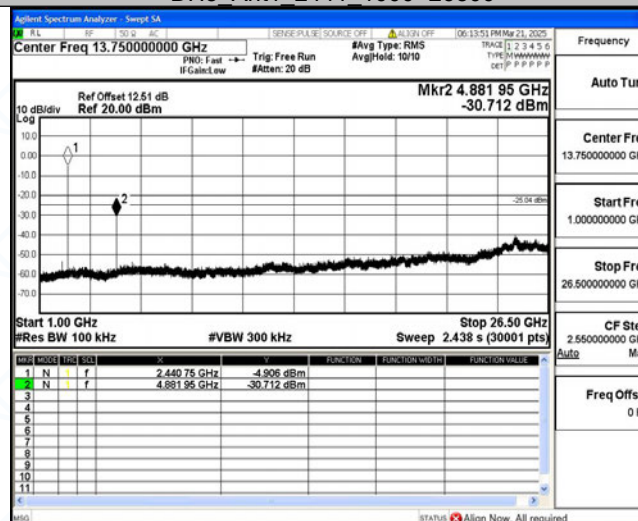
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

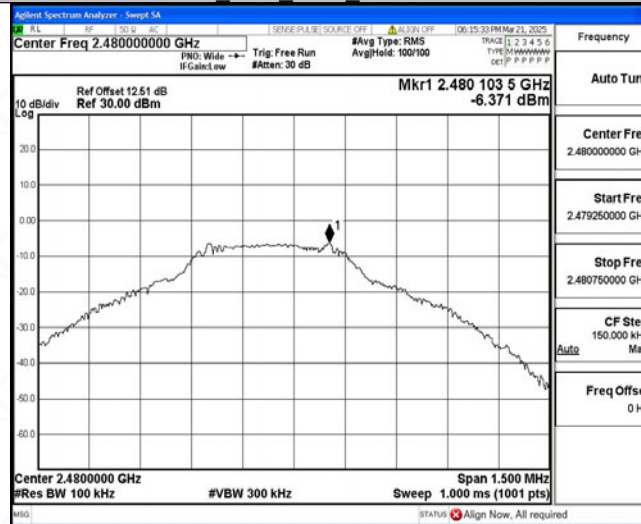


DH5_Ant1_2441_1000~26500

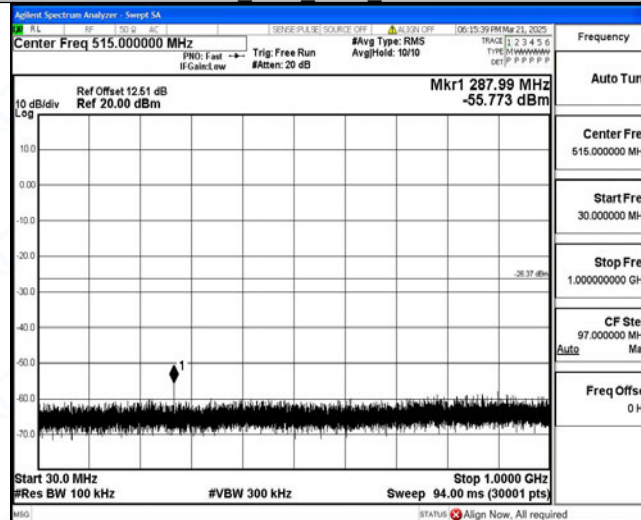




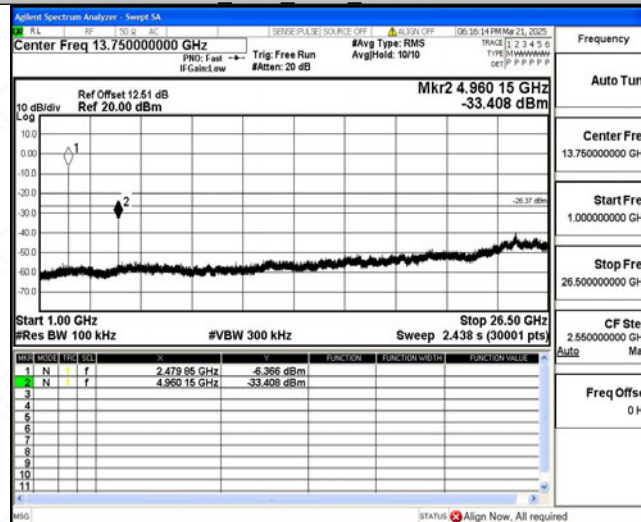
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000

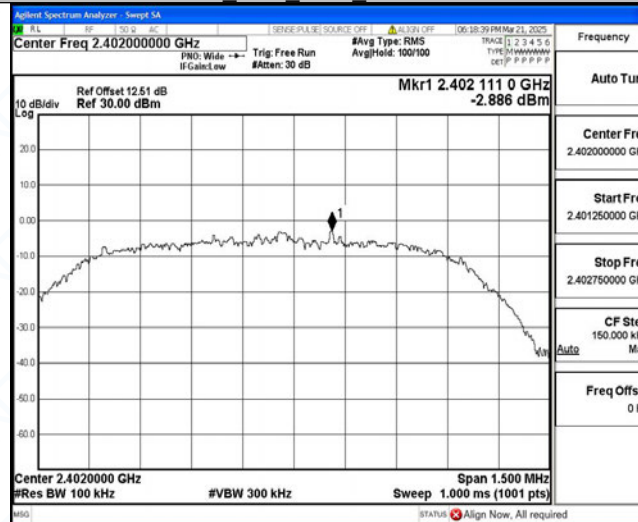


DH5_Ant1_2480_1000~26500

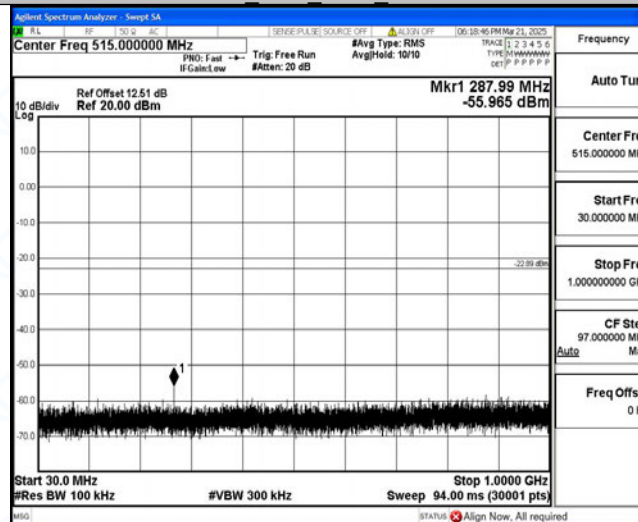




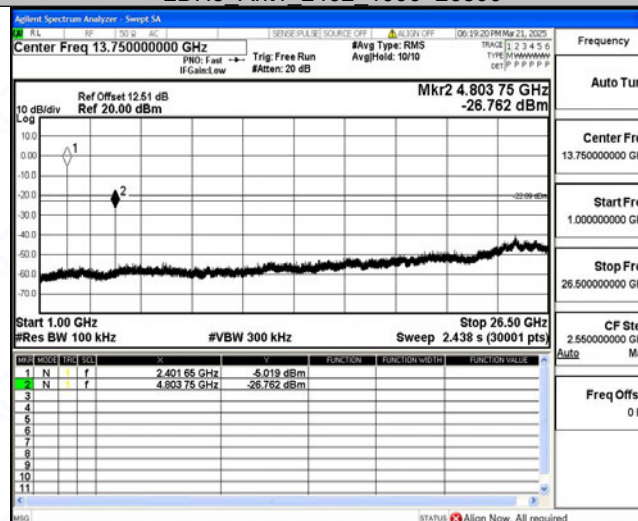
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

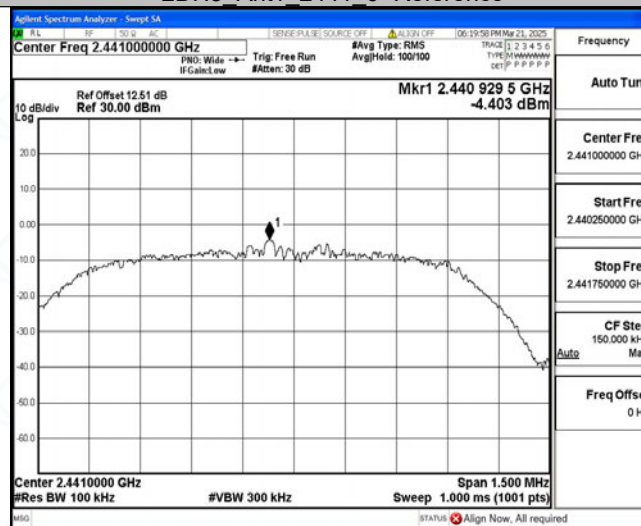


2DH5_Ant1_2402_1000~26500

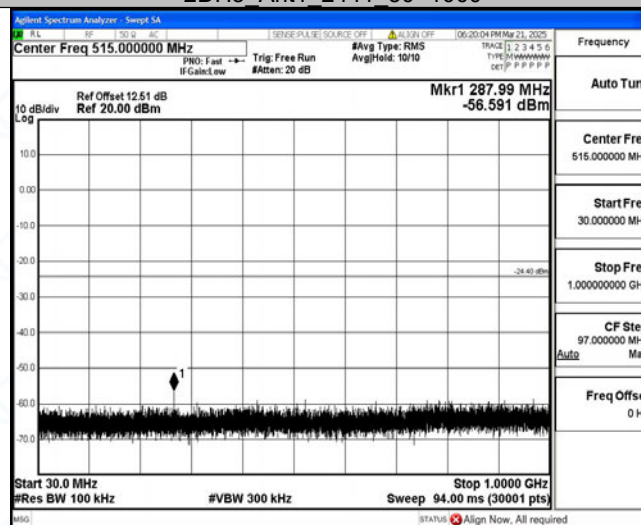




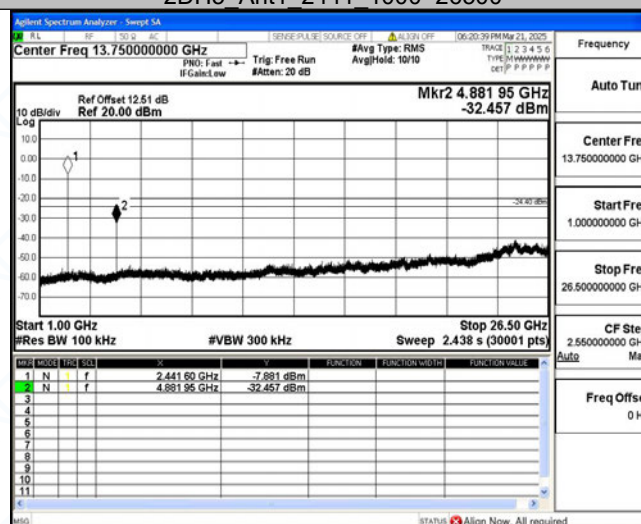
2DH5 Ant1 2441 0~Reference



2DH5 Ant1 2441 30~1000

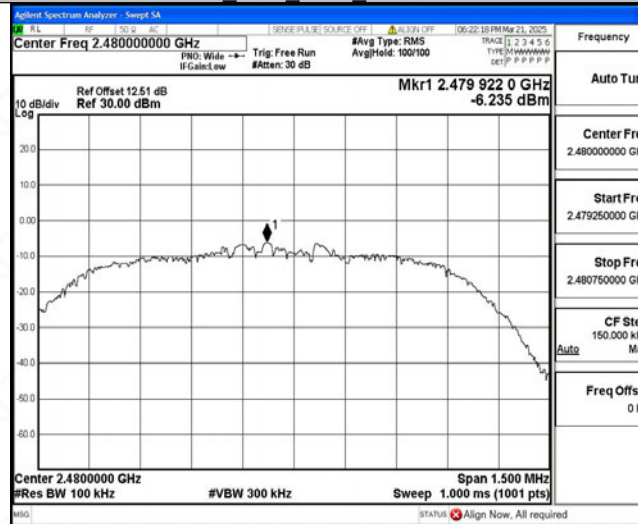


2DH5 Ant1 2441 1000~26500

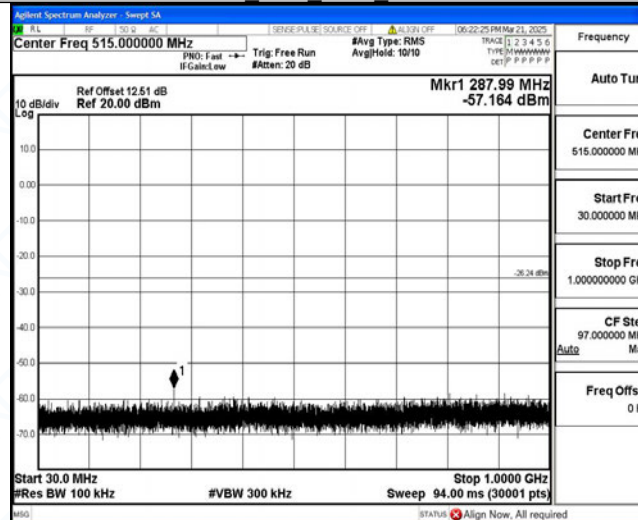




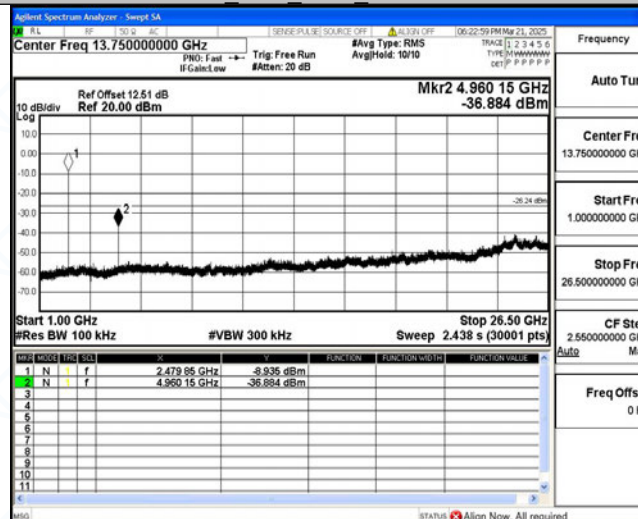
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000

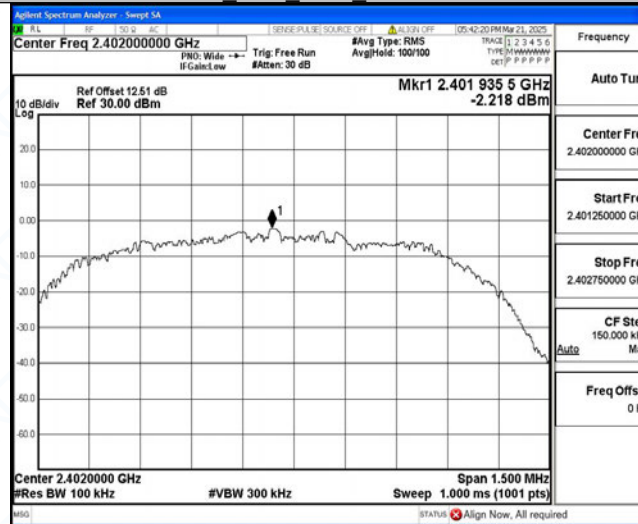


2DH5_Ant1_2480_1000~26500

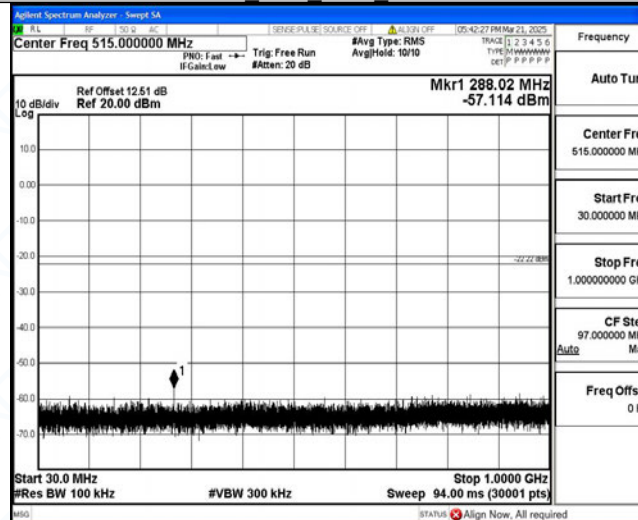




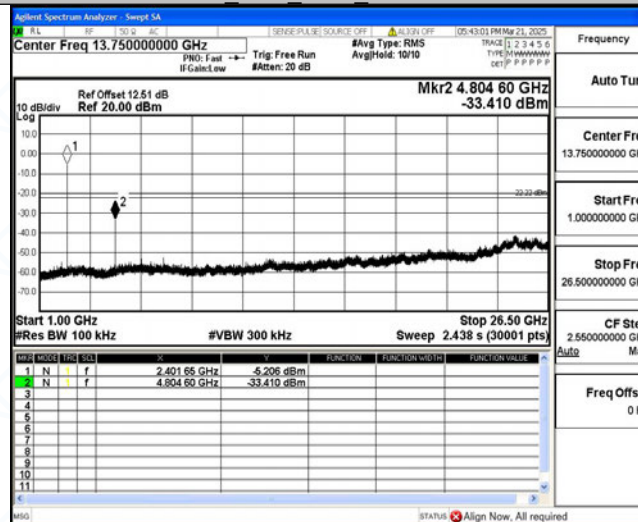
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000

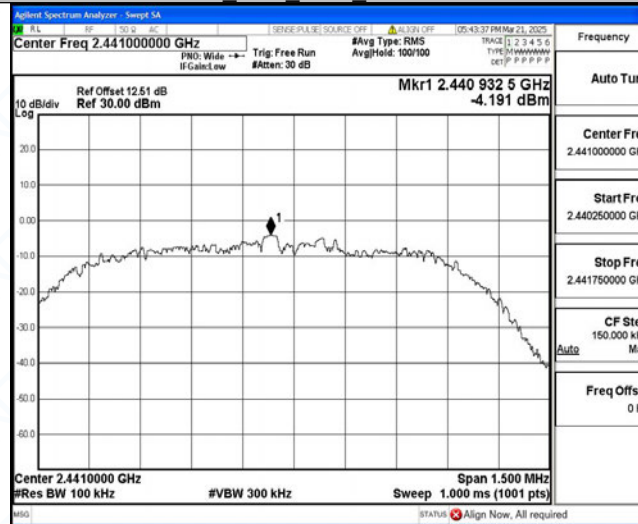


3DH5_Ant1_2402_1000~26500

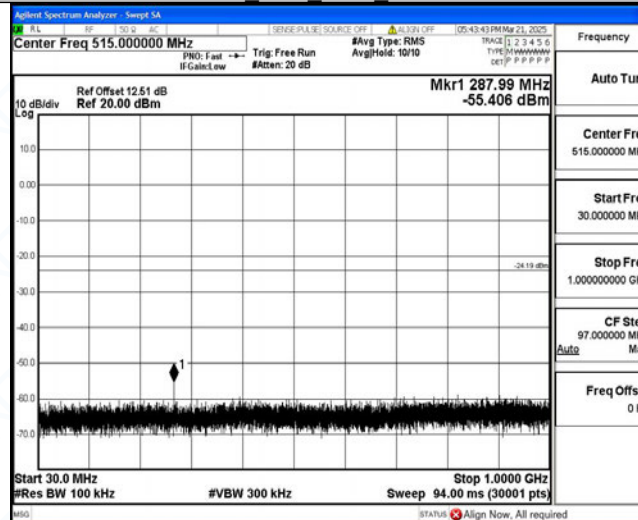




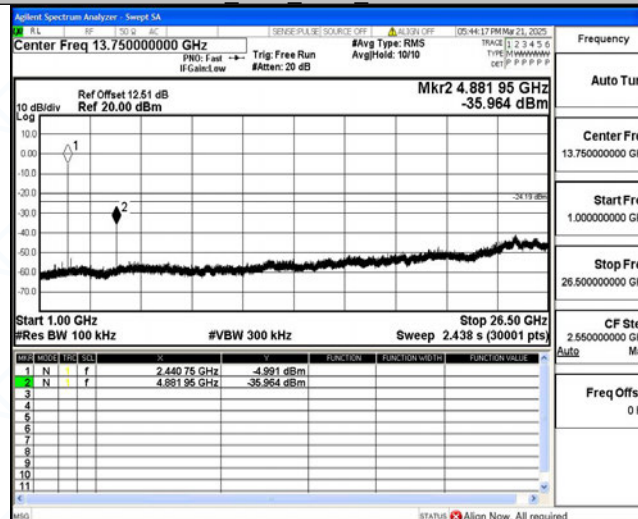
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000

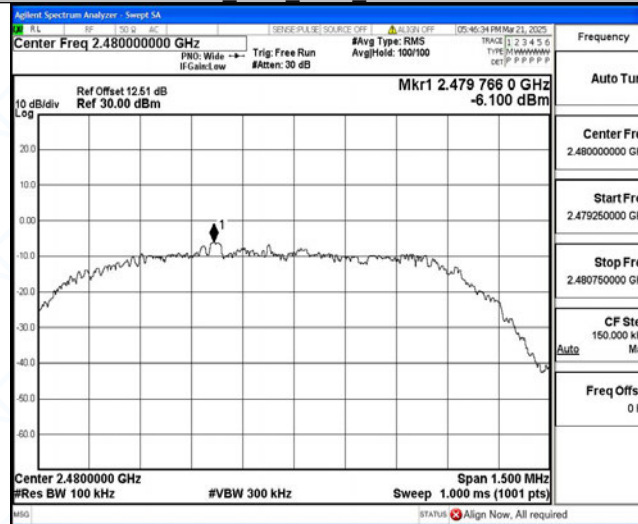


3DH5_Ant1_2441_1000~26500

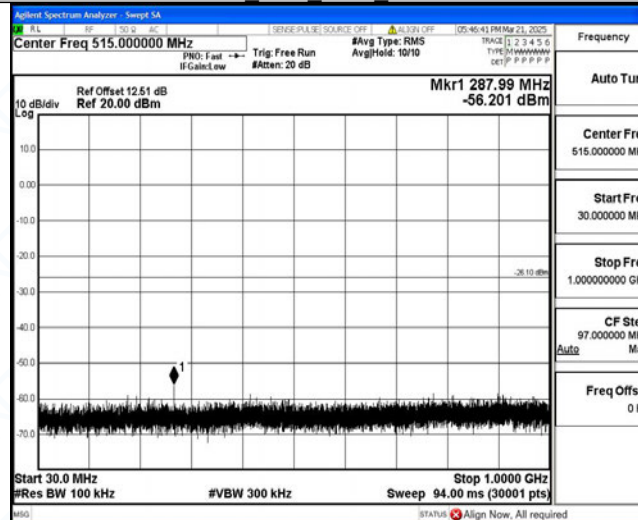




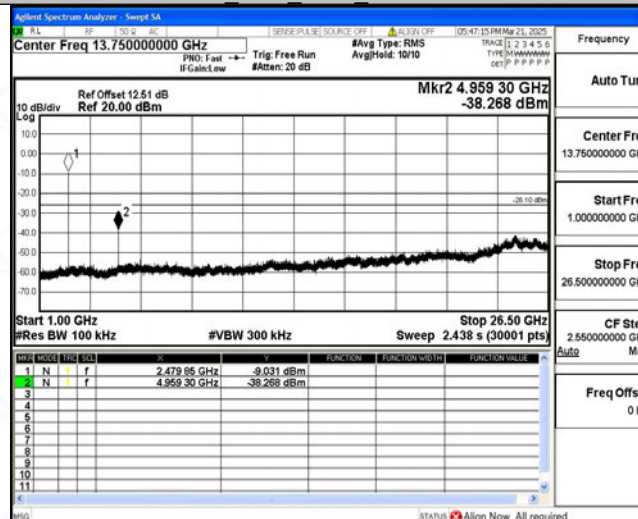
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



The End Report

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