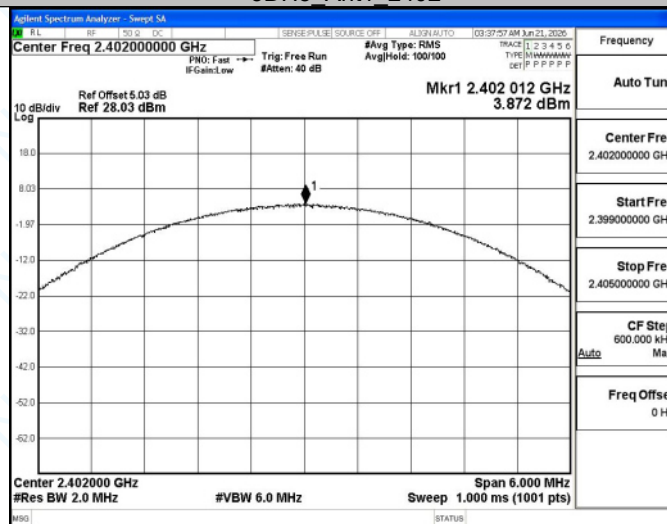
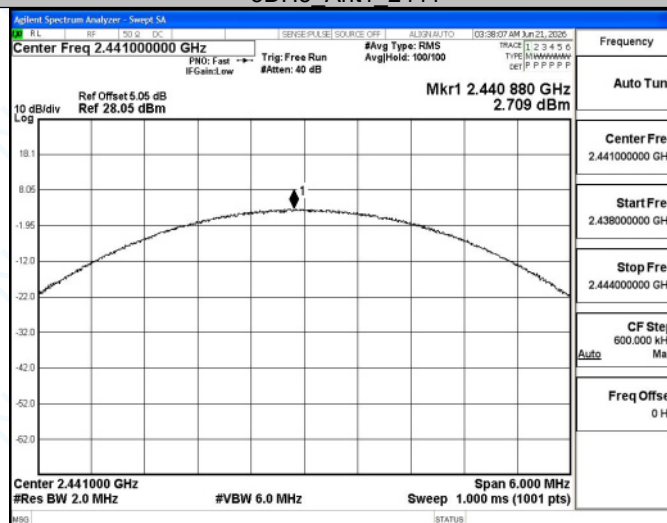




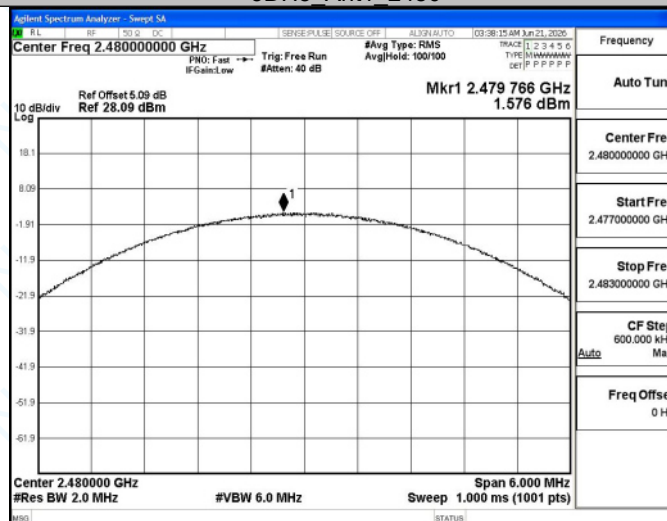
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





Appendix C: Carrier Frequencies Separation

Test Result

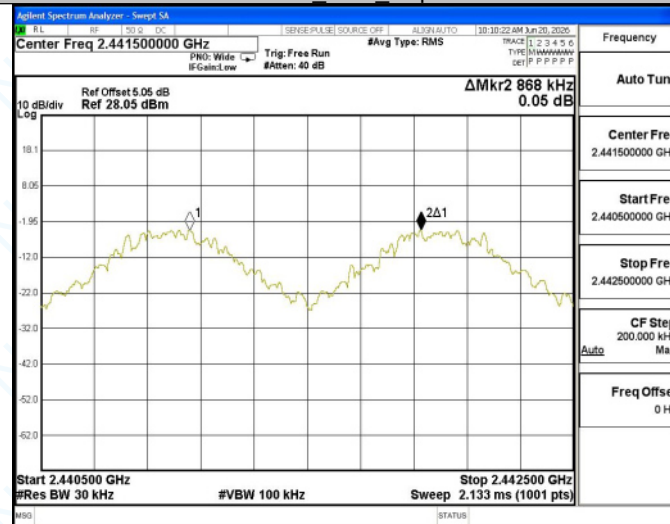
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.868	≥0.636	PASS
2DH5	Ant1	Hop	1	≥0.892	PASS
3DH5	Ant1	Hop	0.922	≥0.874	PASS

Note:
Both left and right earphone have tested, The Right earphone is the worst, only the worse case was reported.

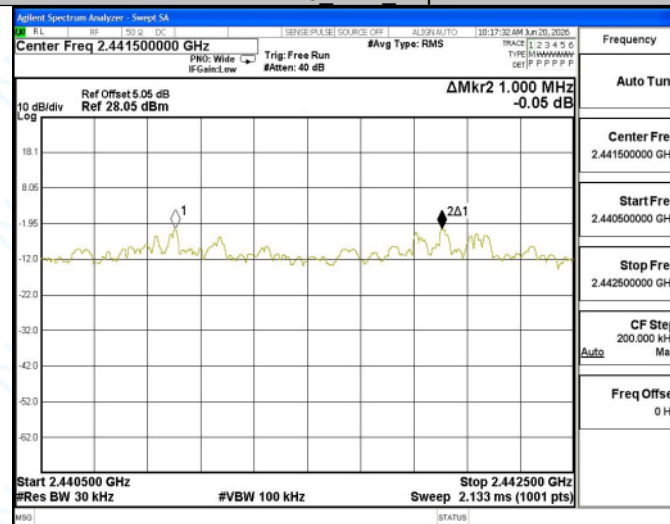


Test Graphs

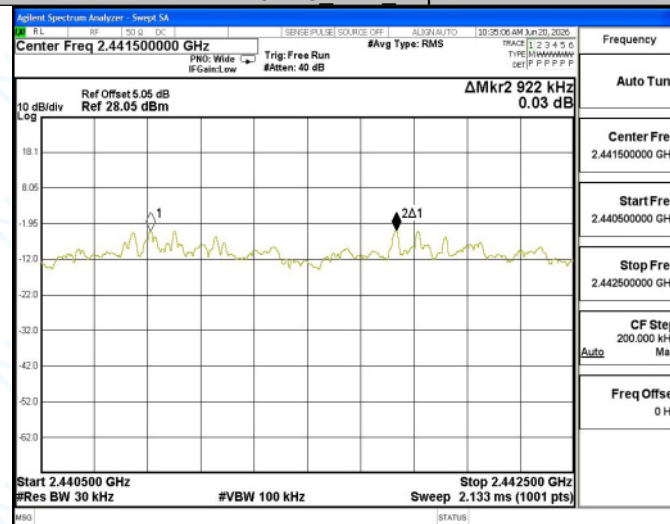
DH5_Ant1_Hop



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	1.662	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	1.661	160	0.266	≤0.4	PASS
3DH5	Ant1	Hop	2.911	106.67	0.311	≤0.4	PASS

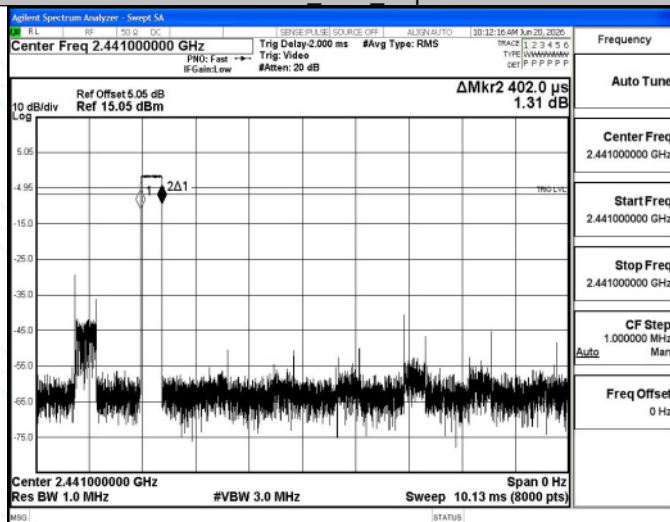
Note:

Both left and right earphone have tested, The Right earphone is the worst, only the worse case was reported.

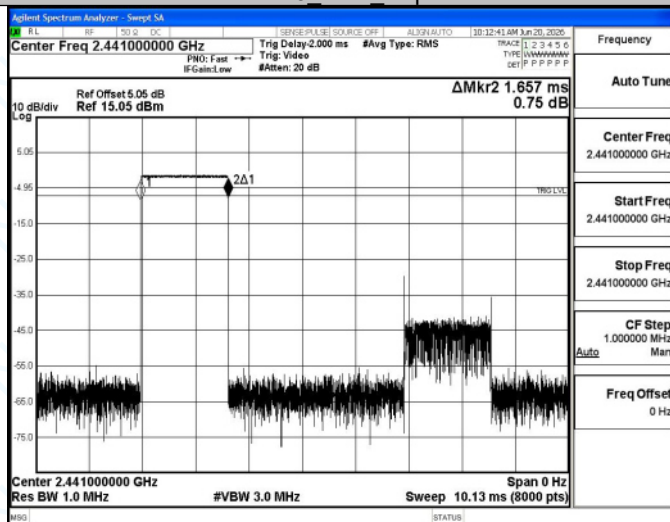


Test Graphs

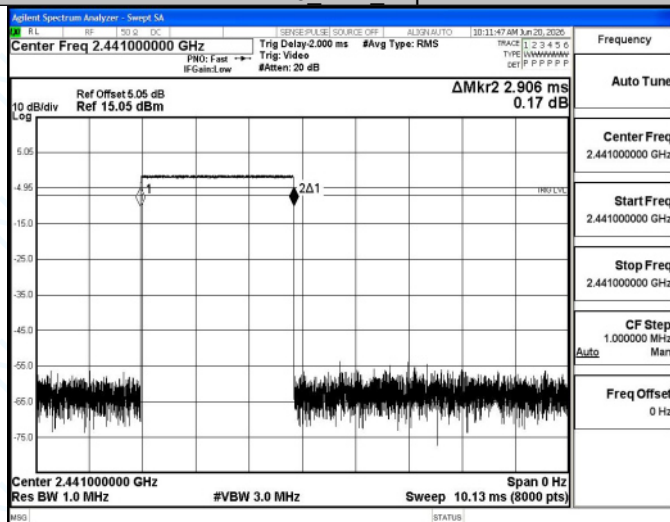
DH1_Ant1_Hop



DH3_Ant1_Hop

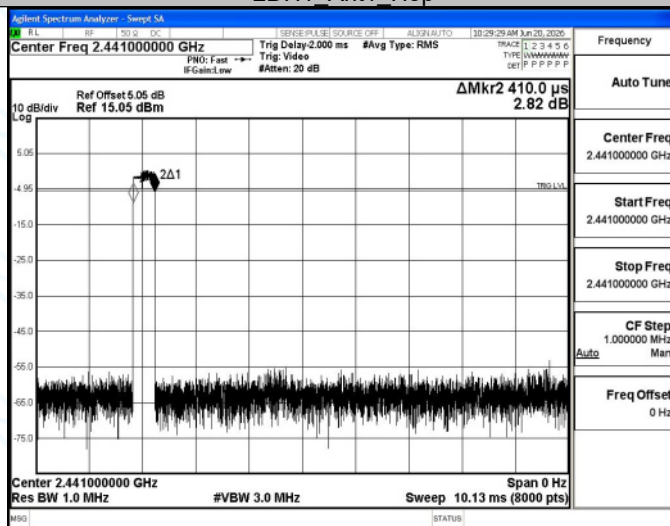


DH5_Ant1_Hop

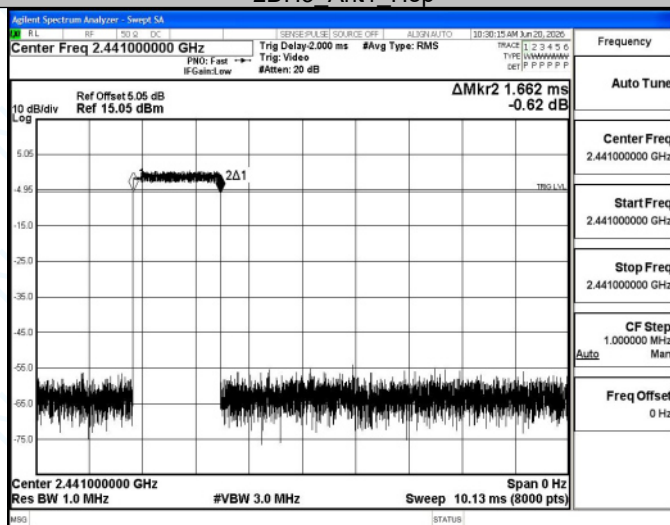




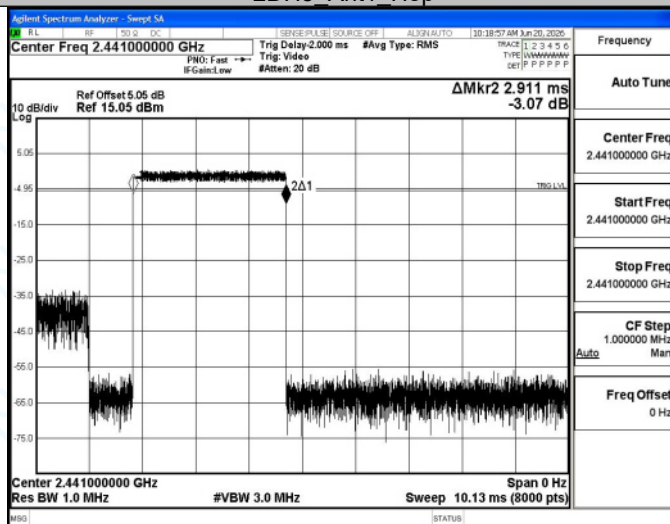
2DH1 Ant1 Hop



2DH3 Ant1 Hop



2DH5 Ant1 Hop





Page: 53 / 70

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Trig: Video

IF Gain: Low

#Atten: 20 dB

Frequency

Auto Tun

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Step 1.000000 MHz

Auto

Freq Offset 0 Hz

10 dB/div

Ref Offset 5.05 dB

Ref 15.05 dBm

Δ Mkr2 410.0 μ s

-3.22 dB

Log

5.05

4.95

15.0

-36.0

-45.0

-55.0

-65.0

-75.0

2.441

2.442

2.443

2.444

2.445

2.446

2.447

2.448

2.449

2.450

Center 2.441000000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 10.13 ms (8000 pts)

Span 0 Hz

MISO

STATUS

The screenshot displays an Agilent Spectrum Analyzer interface. The main display shows a spectrum plot with a center frequency of 2.441000000 GHz. The vertical axis represents power in dBm, ranging from -75.0 to 10.0. The horizontal axis represents frequency in GHz, with a span of 0 Hz. A signal is visible at 2.441 GHz, with a peak level of approximately -2.12 dBm. The reference level is set to 15.05 dBm. The sweep rate is 10.13 ms (8000 pts). The resolution bandwidth (RBW) is 1.0 MHz, and the video bandwidth (VBW) is 3.0 MHz. The display is in Auto mode.

Key parameters and settings visible on the screen:

- Center Freq:** 2.441000000 GHz
- Ref Offset:** 5.05 dB
- Ref:** 15.05 dBm
- Trig Delay:** 2.000 ms
- Avg Type:** RMS
- IF Gain:** Low
- Attenuation:** 20 dB
- Span:** 0 Hz
- Res BW:** 1.0 MHz
- #VBW:** 3.0 MHz
- Sweep:** 10.13 ms (8000 pts)
- Auto:** Enabled
- Frequency:** 2.441000000 GHz
- Auto Tuning:** Enabled
- Start Frequency:** 2.441000000 GHz
- Stop Frequency:** 2.441000000 GHz
- CF Stop:** 1.000000 MHz
- Freq Offset:** 0 Hz

The screenshot displays an Agilent Spectrum Analyzer interface. The main display shows a spectrum plot with a center frequency of 2.441000000 GHz. The vertical axis is labeled 'dBm' and ranges from -75.0 to 5.05. The horizontal axis is labeled 'MHz' and ranges from 2.4405 to 2.4415. A signal is visible at 2.441 GHz, with a peak level of approximately 5.05 dBm. The plot is titled 'Center Freq 2.441000000 GHz' and 'Ref 15.05 dBm'. The signal is identified as '2A1'. The plot is titled 'Center Freq 2.441000000 GHz' and 'Ref 15.05 dBm'. The signal is identified as '2A1'. The plot is titled 'Center Freq 2.441000000 GHz' and 'Ref 15.05 dBm'. The signal is identified as '2A1'.



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

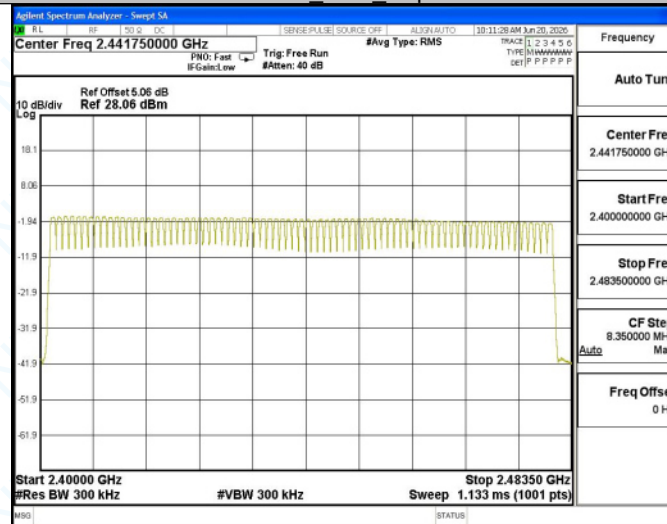
Note:

Both left and right earphone have tested, The Right earphone is the worst, only the worse case was reported.

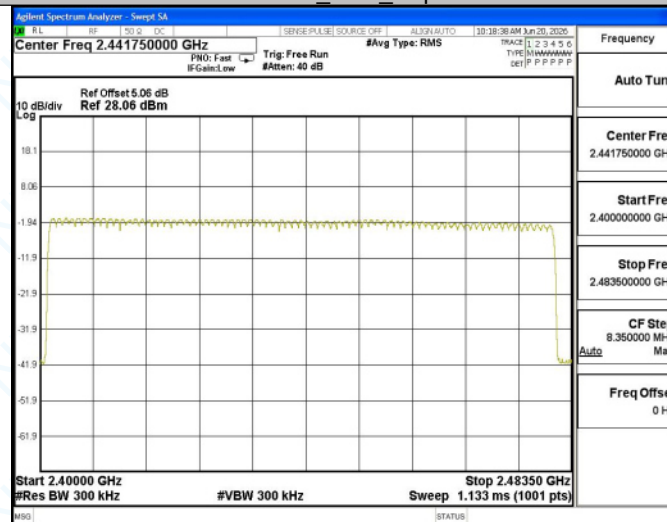


Test Graphs

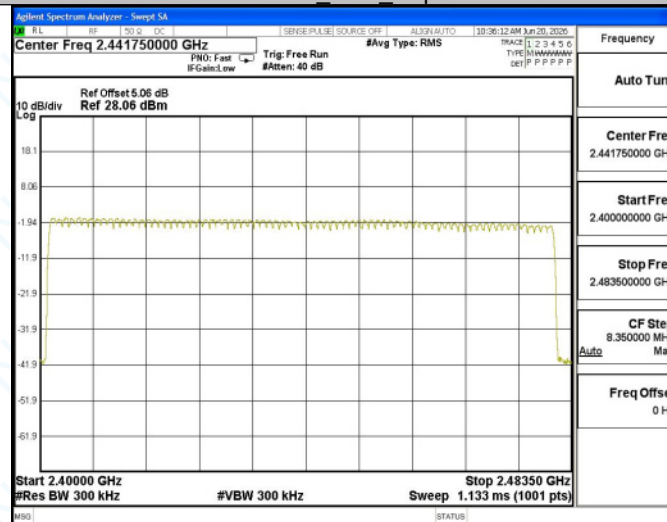
DH5_Ant1_Hop



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	-3.55	-56.54	≤ -23.55	PASS
		High	2480	-5.42	-58.5	≤ -25.42	PASS
		Low	Hop_2402	-3.50	-54.37	≤ -23.5	PASS
		High	Hop_2480	-4.45	-55.13	≤ -24.45	PASS
2DH5	Ant1	Low	2402	-7.61	-58.85	≤ -27.61	PASS
		High	2480	-4.50	-59.41	≤ -24.5	PASS
		Low	Hop_2402	-3.63	-58.58	≤ -23.63	PASS
		High	Hop_2480	-5.48	-55.96	≤ -25.48	PASS
3DH5	Ant1	Low	2402	-2.81	-57.33	≤ -22.81	PASS
		High	2480	-5.10	-58.67	≤ -25.1	PASS
		Low	Hop_2402	-2.76	-55.88	≤ -22.76	PASS
		High	Hop_2480	-4.18	-56.7	≤ -24.18	PASS

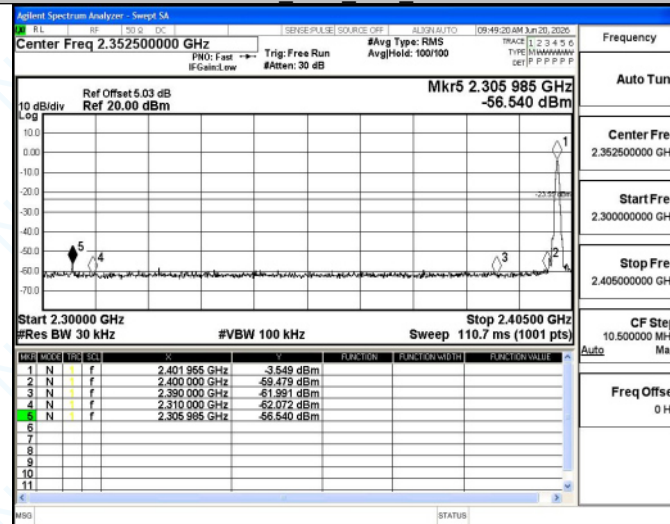
Note:

Both left and right earphone have tested, The Right earphone is the worst, only the worse case was reported.

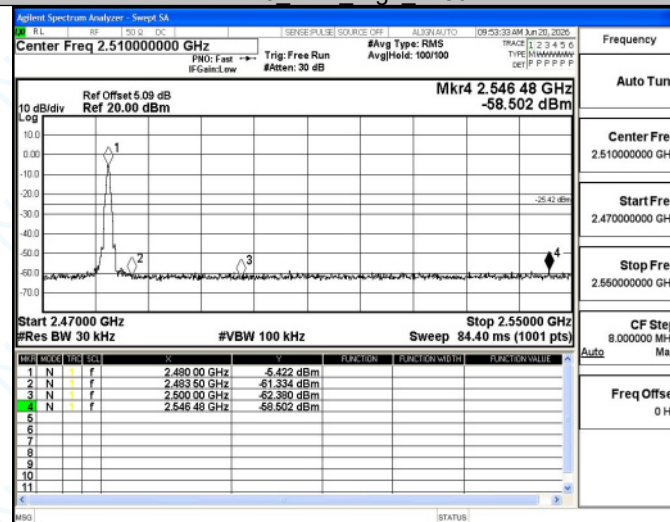


Test Graphs

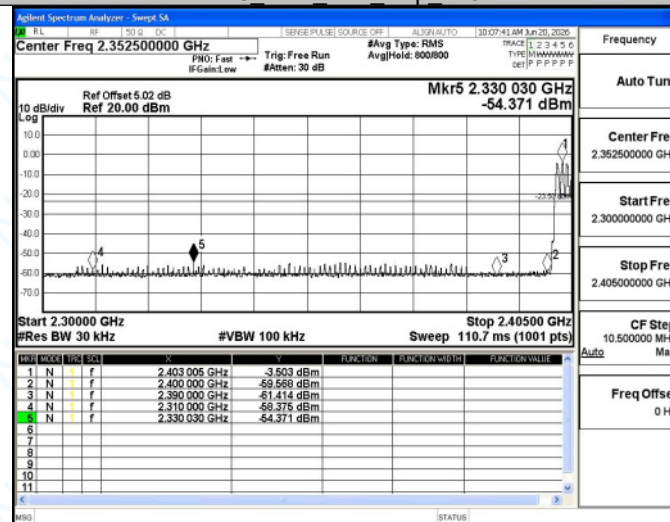
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

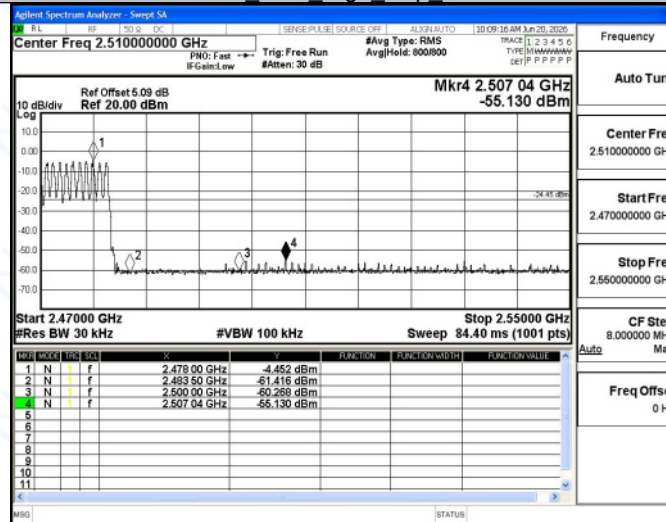


DH5_Ant1_Low_Hop_2402

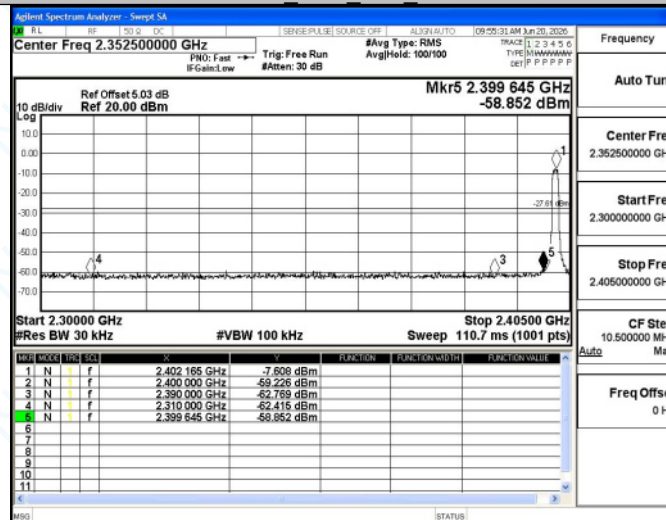




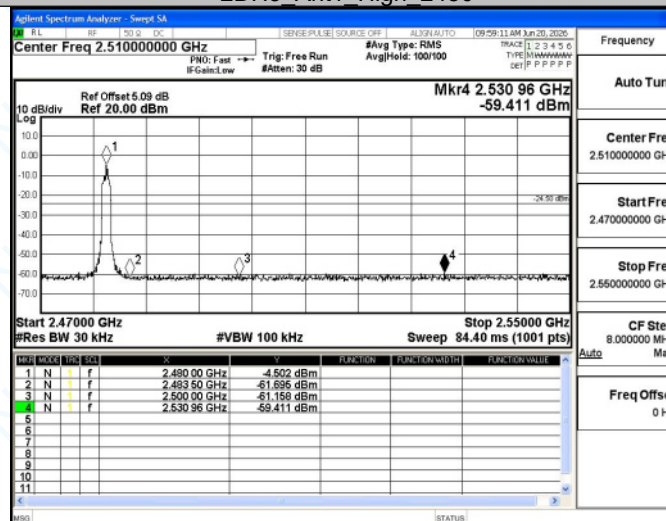
DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

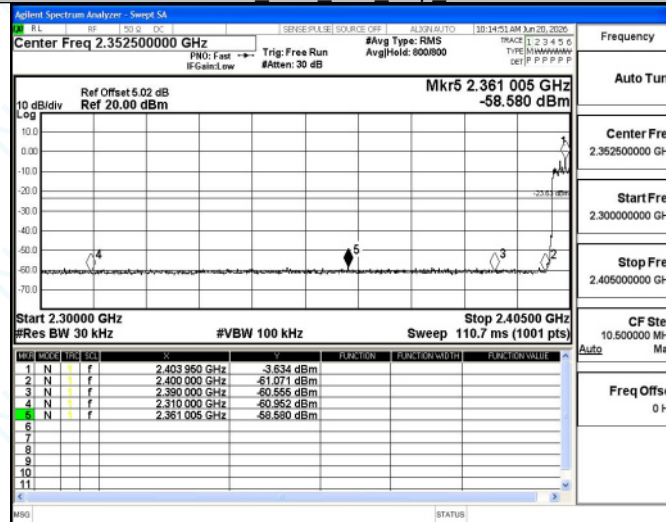


2DH5_Ant1_High_2480

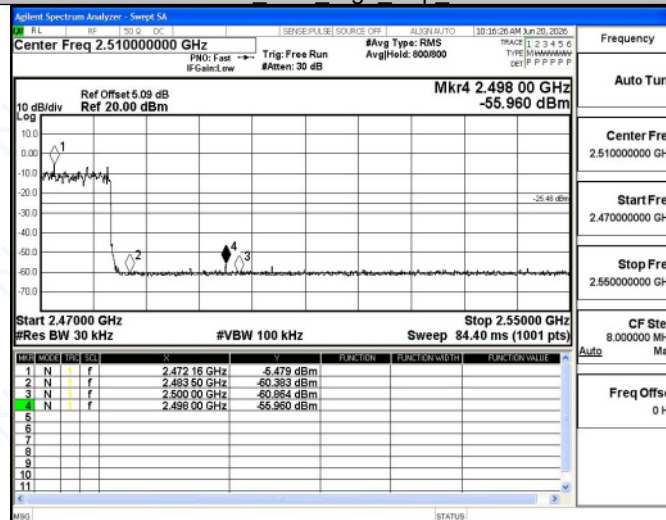




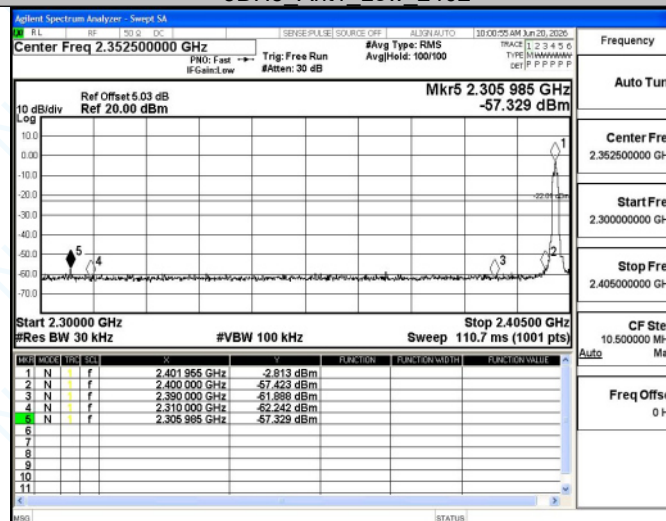
2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480

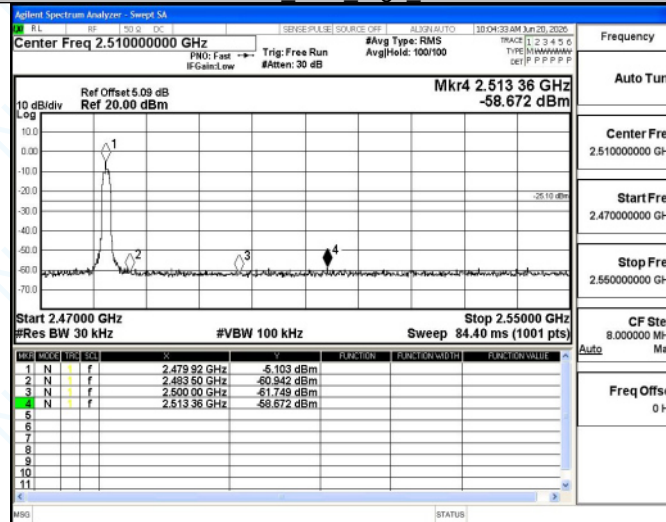


3DH5 Ant1 Low 2402

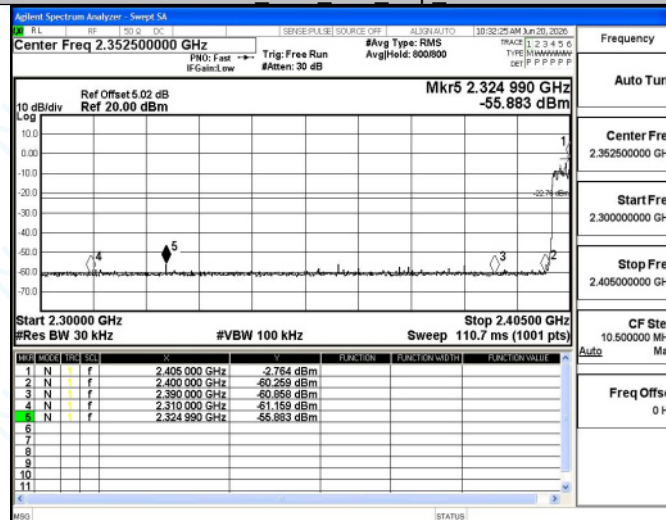




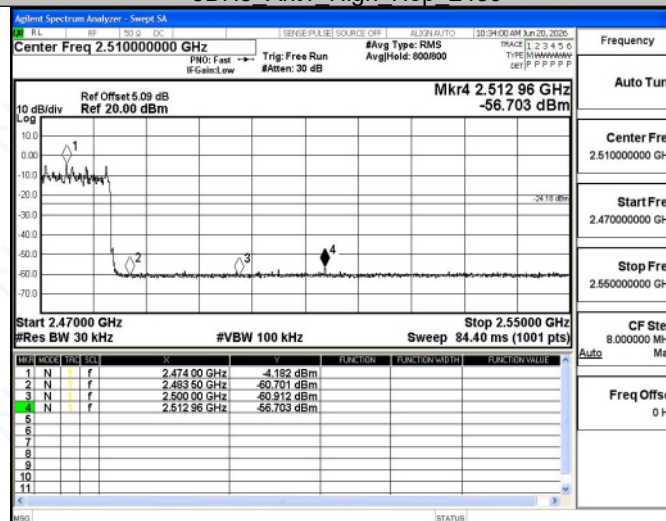
3DH5 Ant1 High 2480



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	-1.20	-1.20	---	PASS
			30~1000	-1.20	-62.46	≤ -21.2	PASS
			1000~26500	-1.20	-29.87	≤ -21.2	PASS
		2441	Reference	-1.86	-1.86	---	PASS
			30~1000	-1.86	-62.97	≤ -21.86	PASS
			1000~26500	-1.86	-31.67	≤ -21.86	PASS
		2480	Reference	-3.09	-3.09	---	PASS
			30~1000	-3.09	-63.01	≤ -23.09	PASS
			1000~26500	-3.09	-31.26	≤ -23.09	PASS
2DH5	Ant1	2402	Reference	-1.24	-1.24	---	PASS
			30~1000	-1.24	-62.64	≤ -21.24	PASS
			1000~26500	-1.24	-31.26	≤ -21.24	PASS
		2441	Reference	-1.88	-1.88	---	PASS
			30~1000	-1.88	-61.11	≤ -21.88	PASS
			1000~26500	-1.88	-31.88	≤ -21.88	PASS
		2480	Reference	-2.81	-2.81	---	PASS
			30~1000	-2.81	-62.98	≤ -22.81	PASS
			1000~26500	-2.81	-34.06	≤ -22.81	PASS
3DH5	Ant1	2402	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-62.36	≤ -21.08	PASS
			1000~26500	-1.08	-30.5	≤ -21.08	PASS
		2441	Reference	-1.54	-1.54	---	PASS
			30~1000	-1.54	-63.83	≤ -21.54	PASS
			1000~26500	-1.54	-31.78	≤ -21.54	PASS
		2480	Reference	-2.82	-2.82	---	PASS
			30~1000	-2.82	-62.67	≤ -22.82	PASS
			1000~26500	-2.82	-37.16	≤ -22.82	PASS

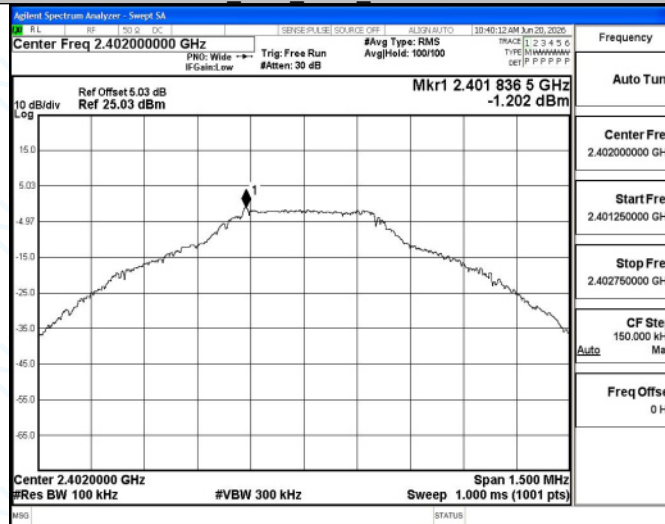
Note:

Both left and right earphone have tested, The Right earphone is the worst, only the worse case was reported.

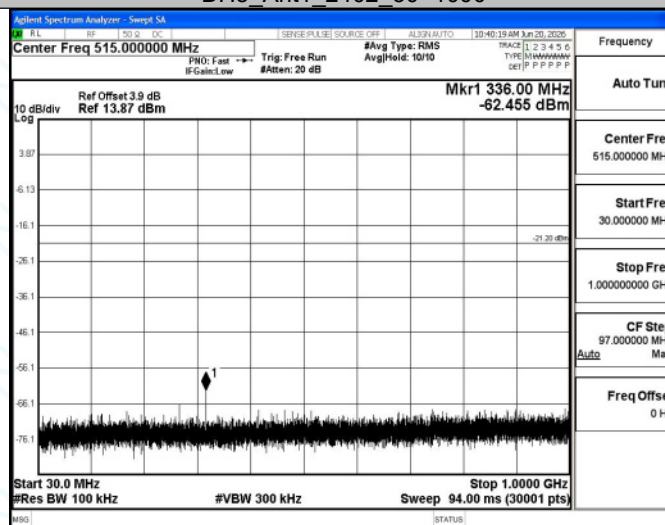


Test Graphs

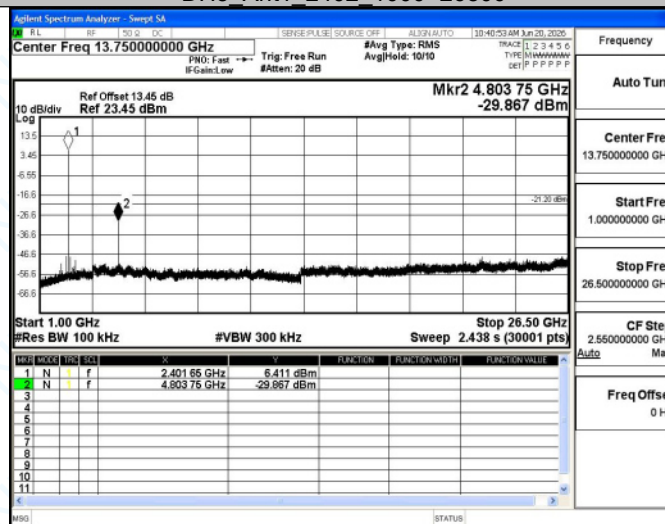
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000

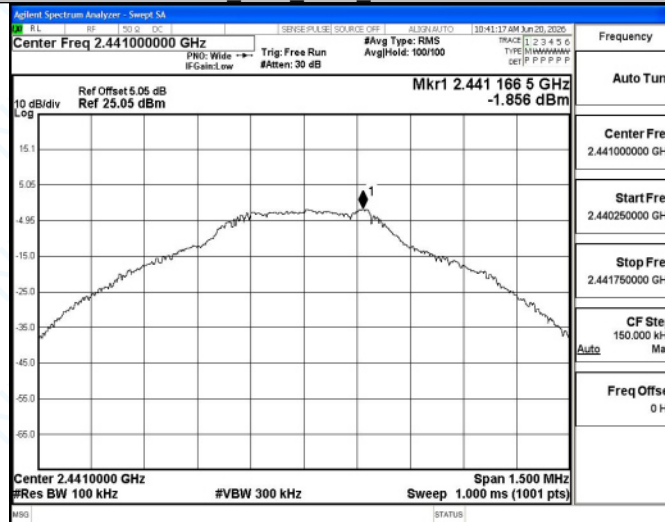


DH5_Ant1_2402_1000~26500

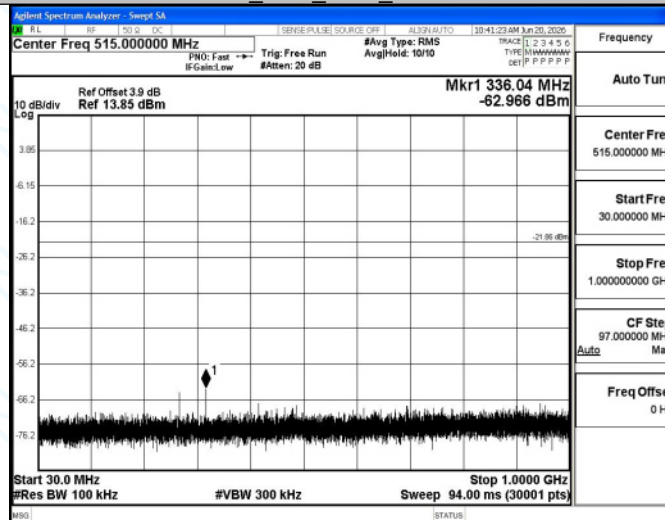




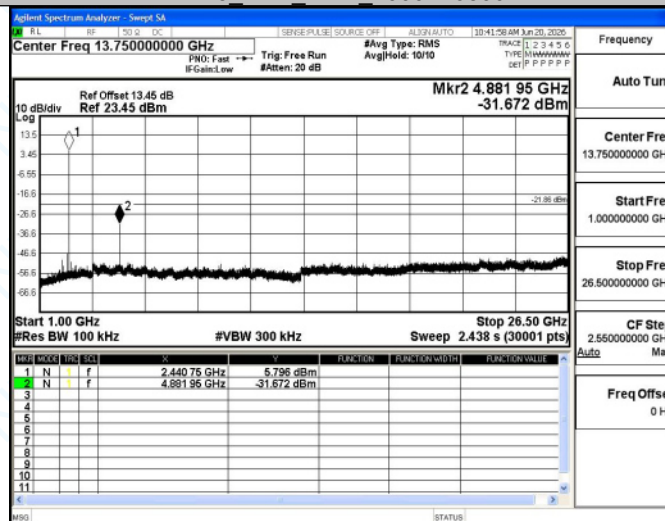
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

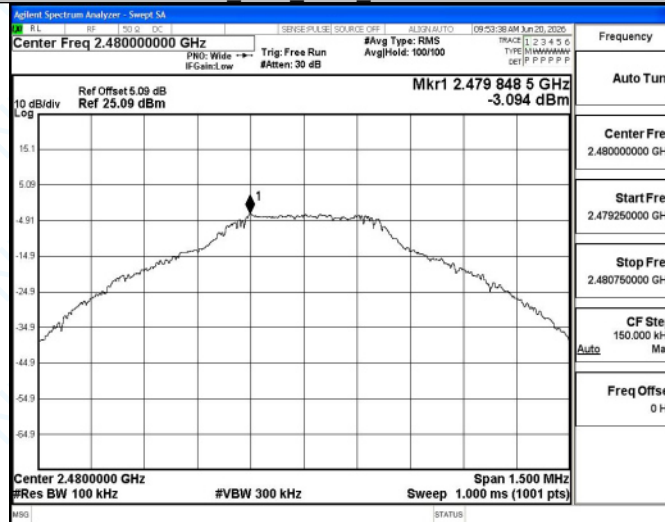


DH5_Ant1_2441_1000~26500

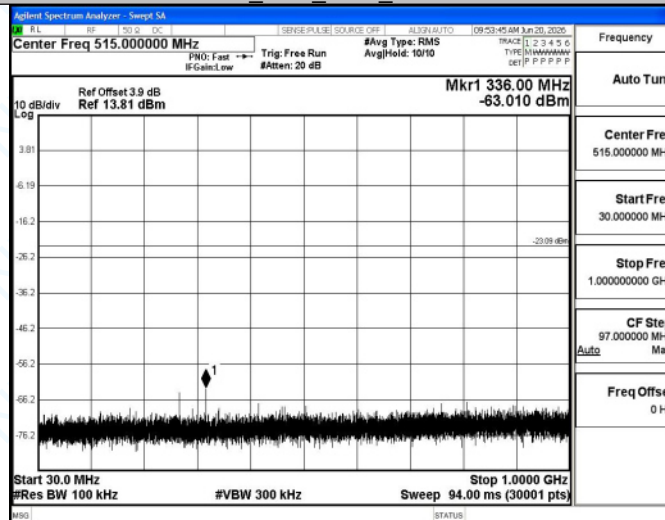




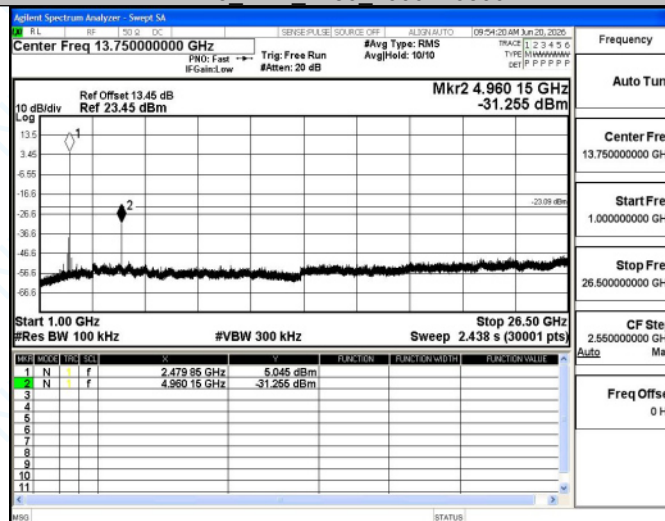
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000

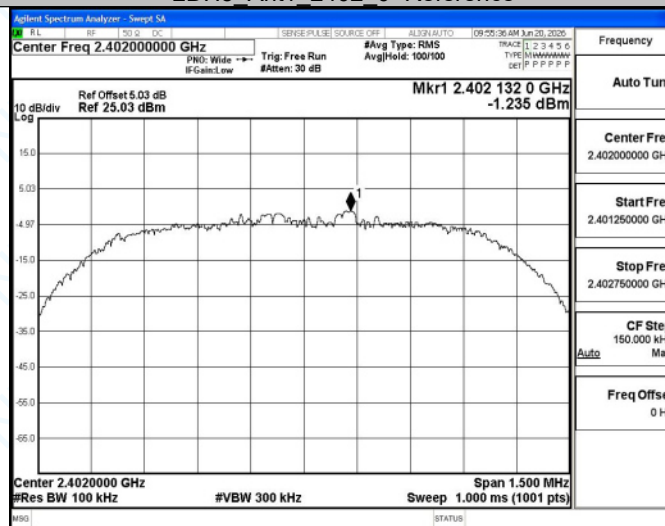


DH5_Ant1_2480_1000~26500

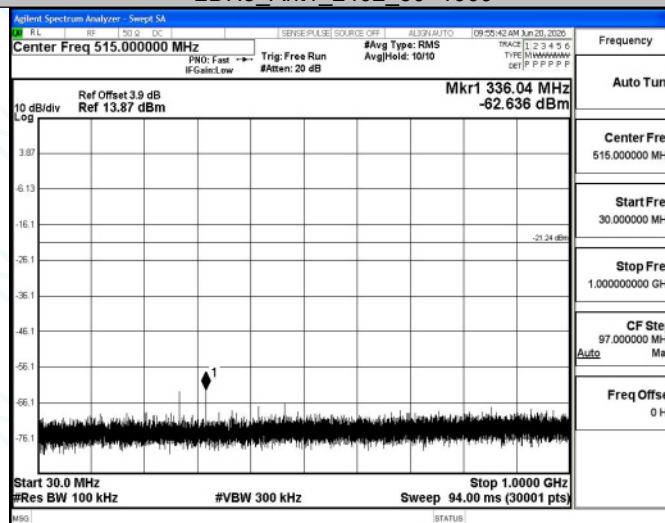




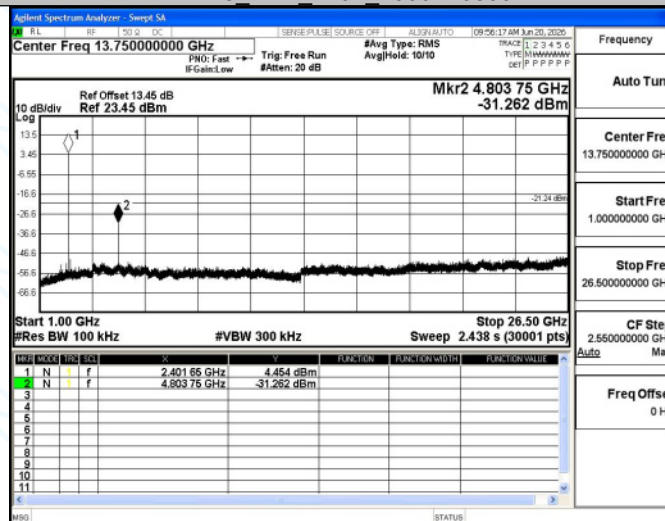
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

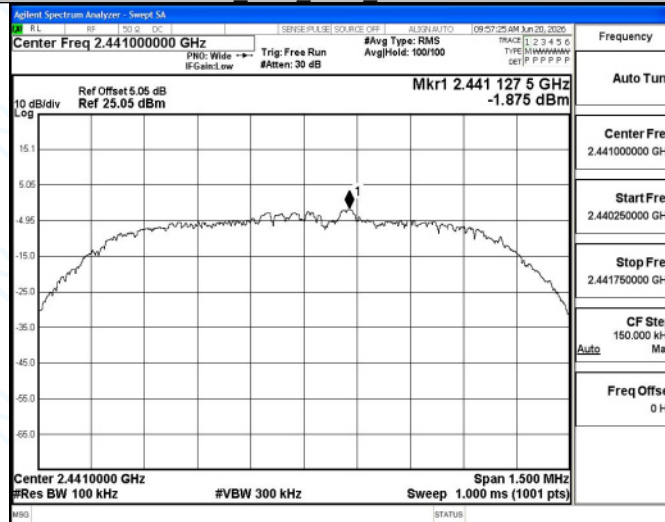


2DH5_Ant1_2402_1000~26500

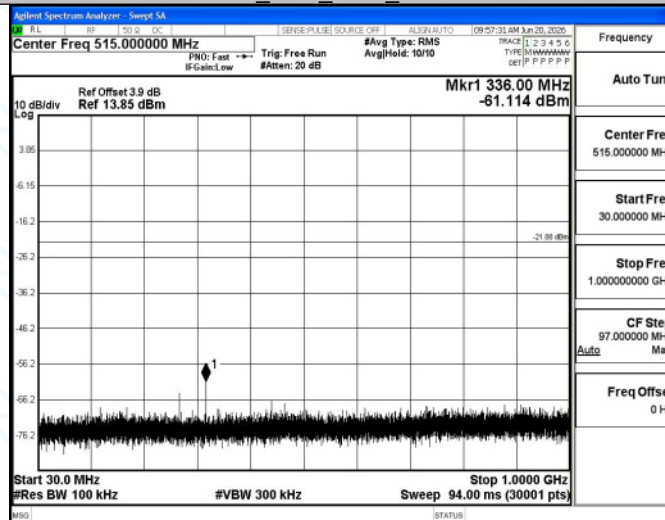




2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500

