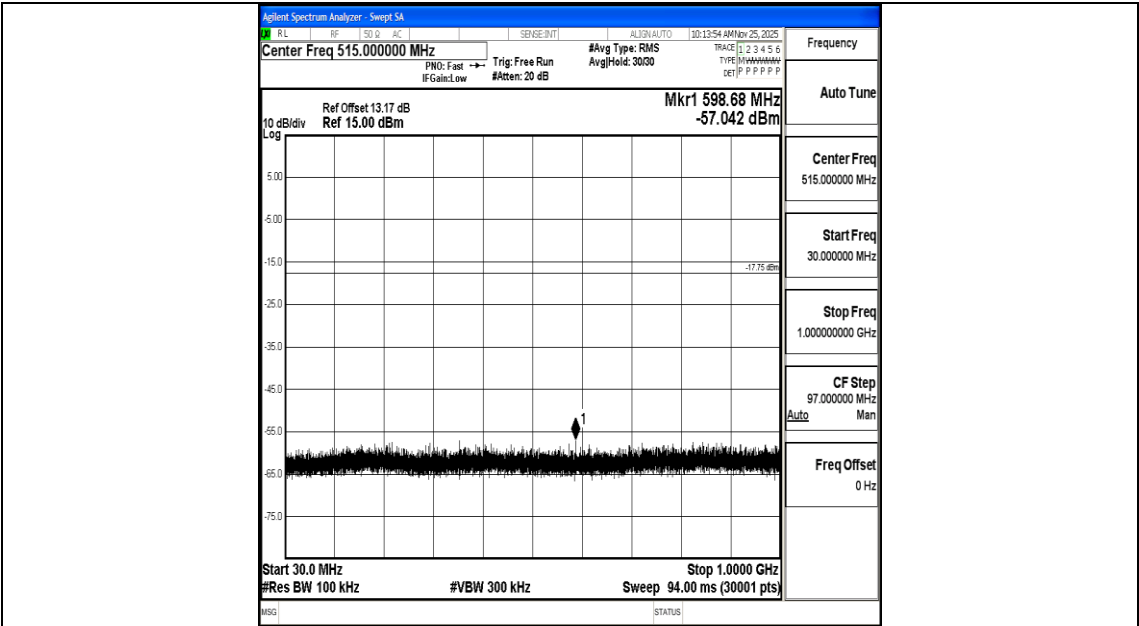
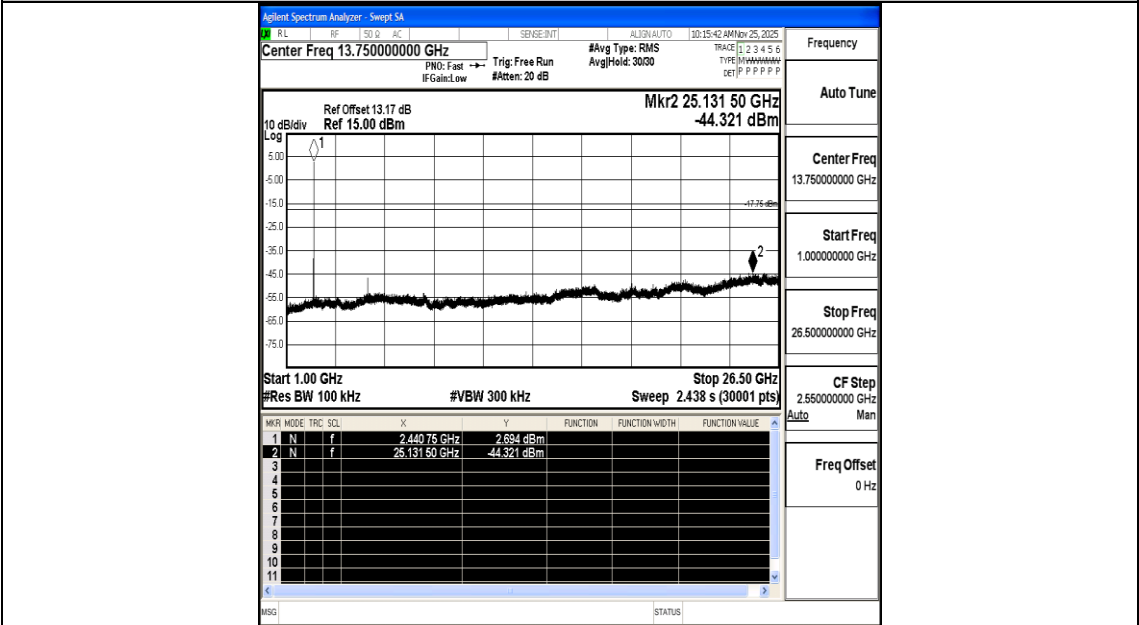
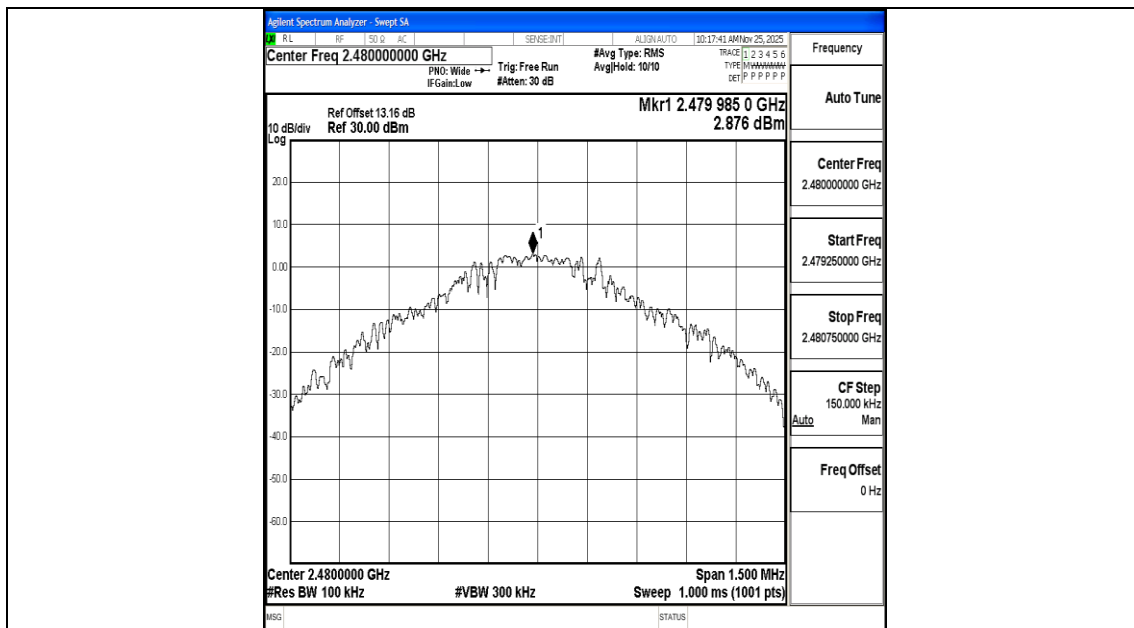




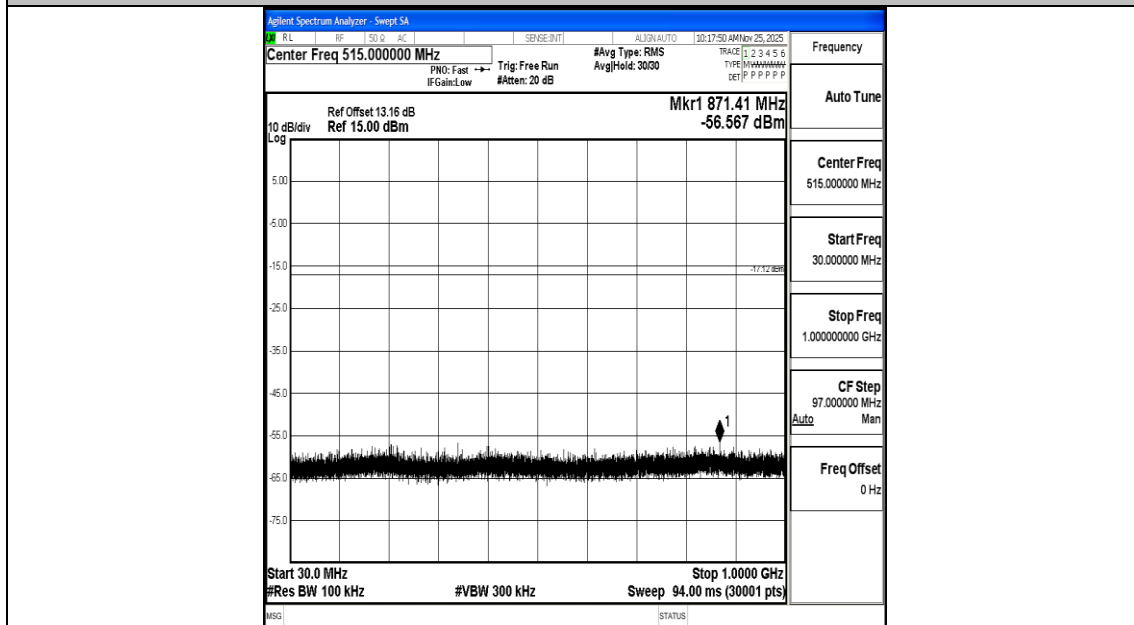
DH5-Ant1-2441-30~1000-PASS



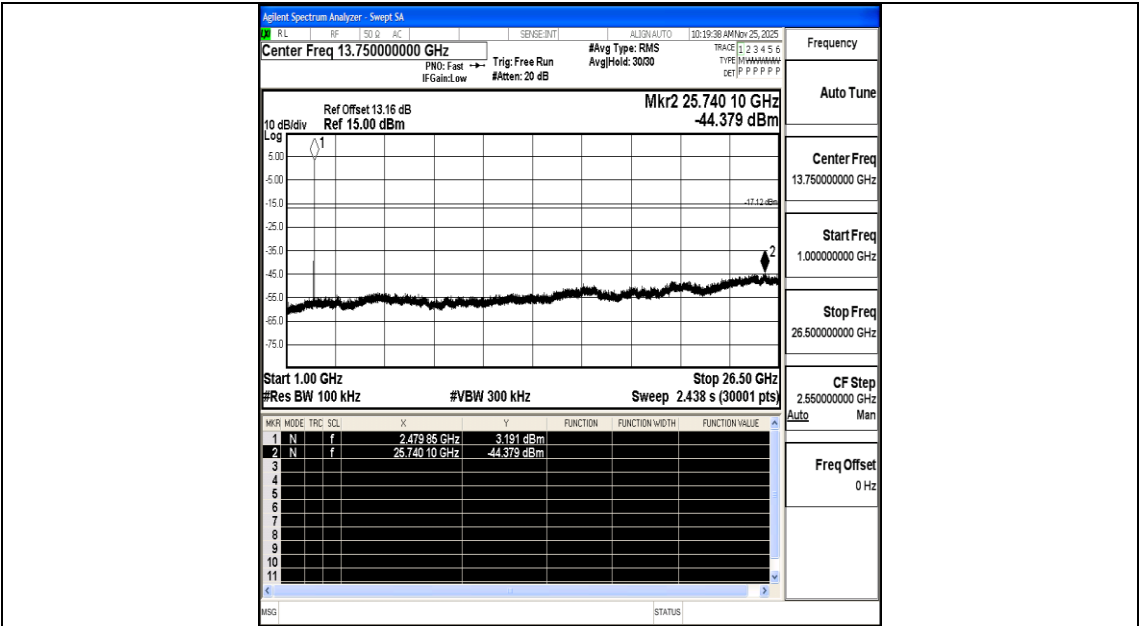
DH5-Ant1-2441-1000~26500-PASS



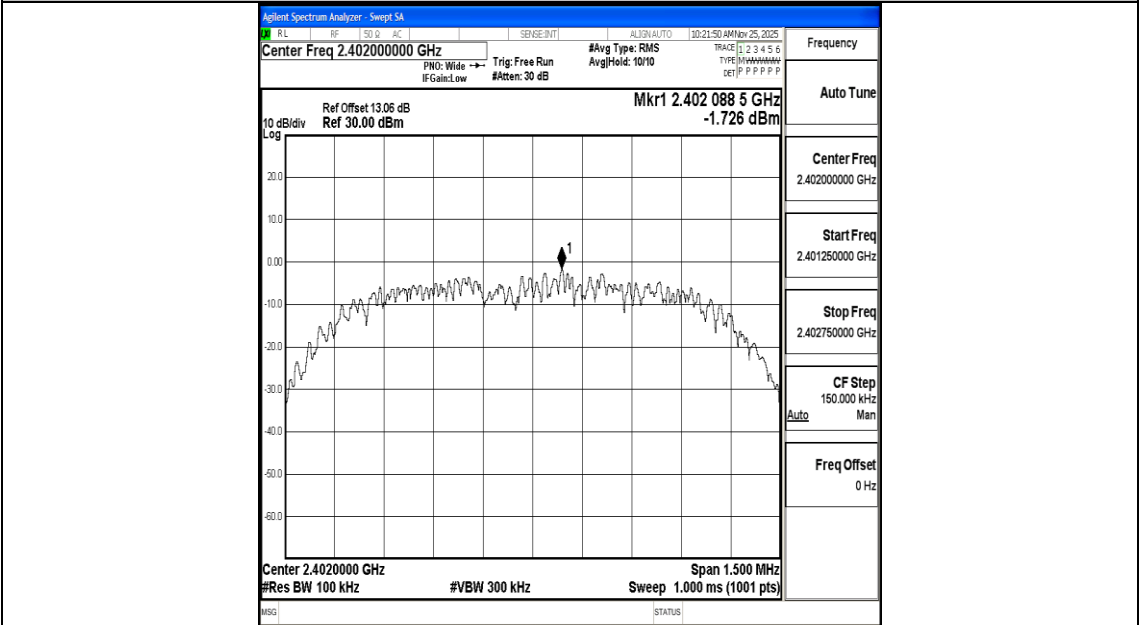
DH5-Ant1-2480-0~Reference-PASS



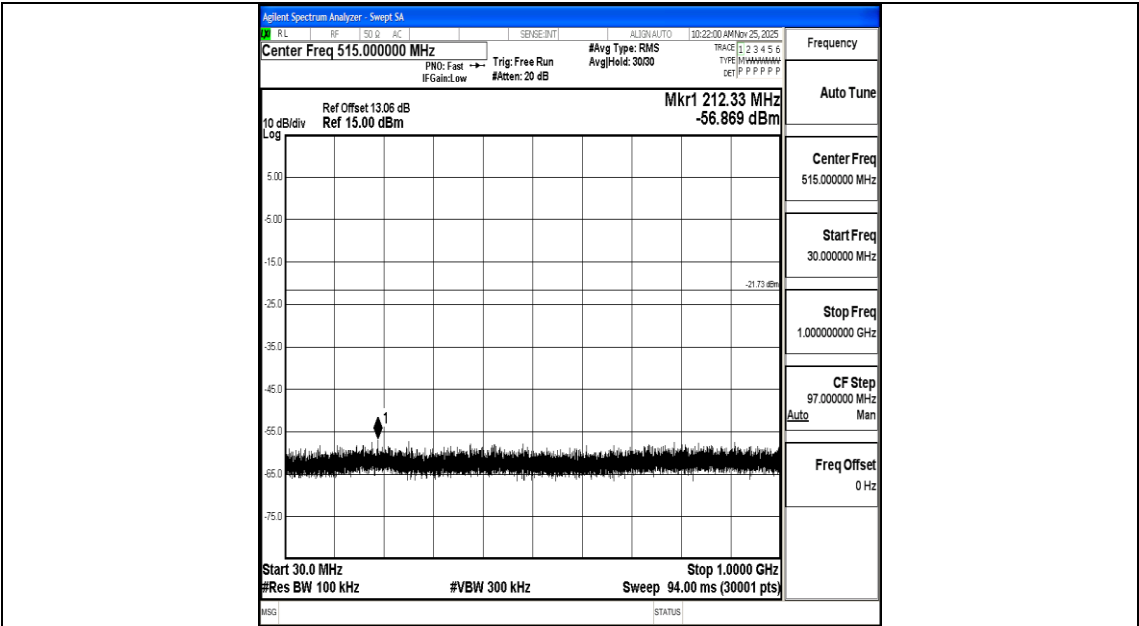
DH5-Ant1-2480-30~1000-PASS



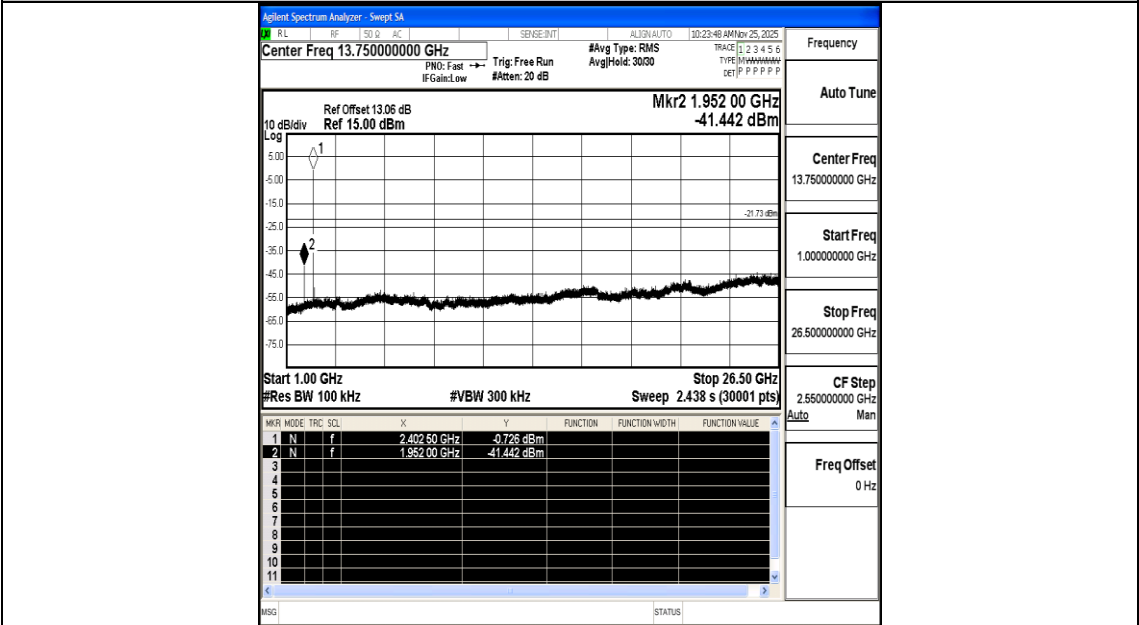
DH5-Ant1-2480-1000~26500-PASS



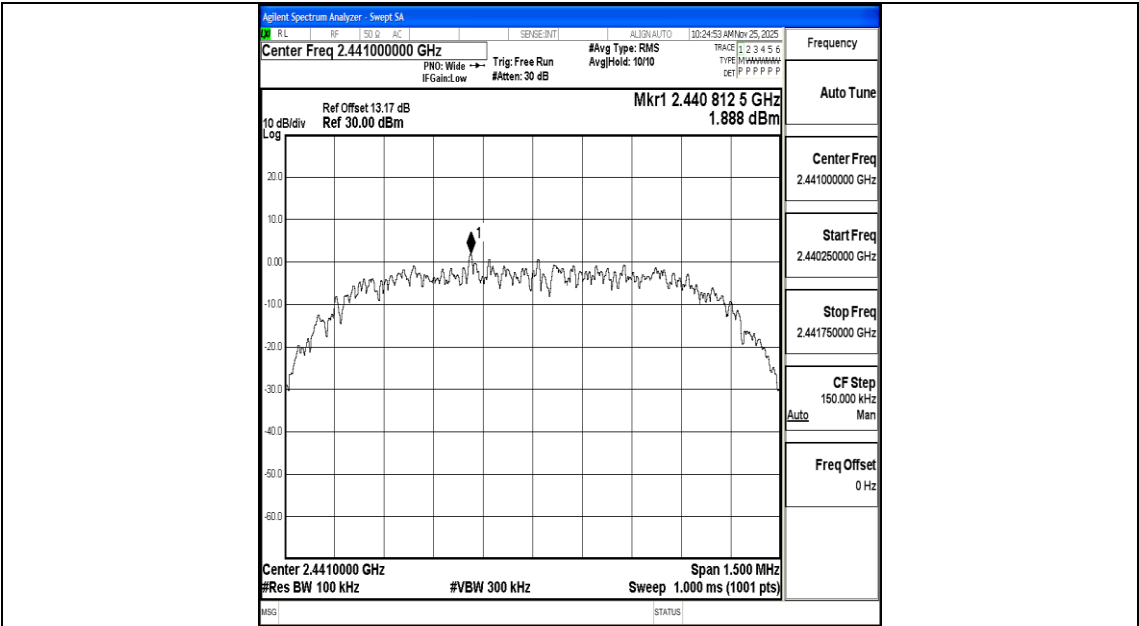
2DH5-Ant1-2402-0~Reference-PASS



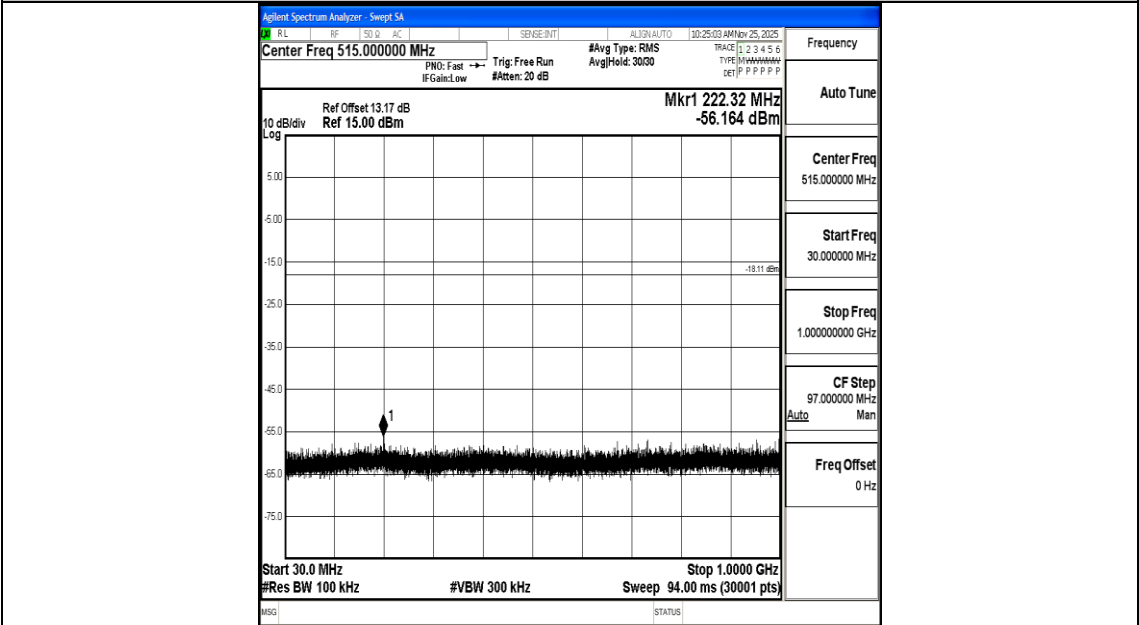
2DH5-Ant1-2402-30~1000-PASS



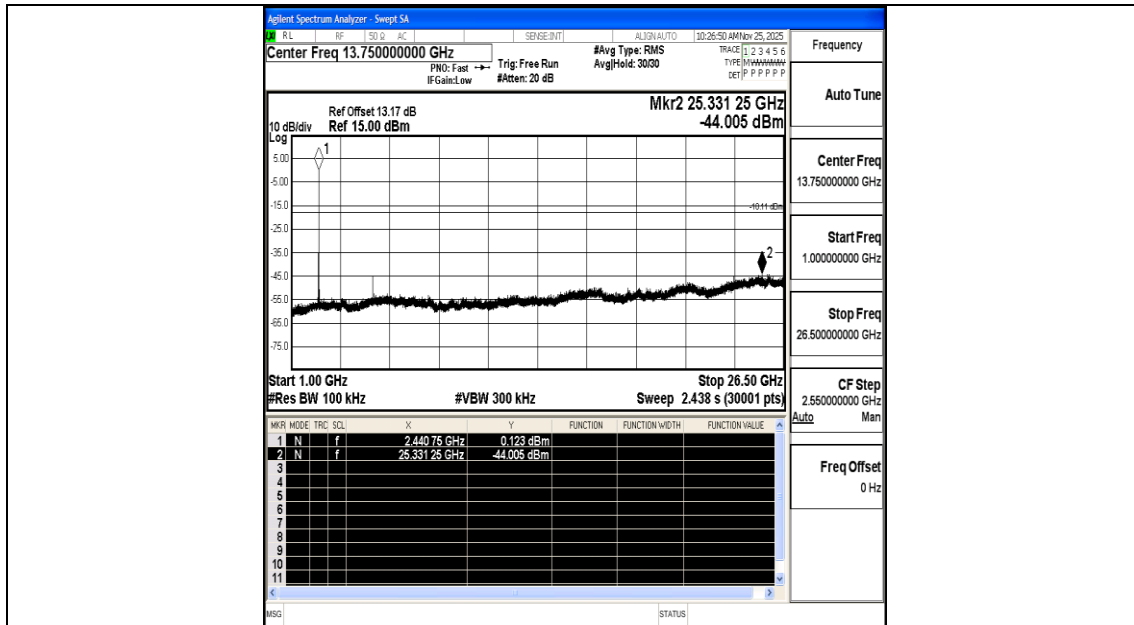
2DH5-Ant1-2402-1000~26500-PASS



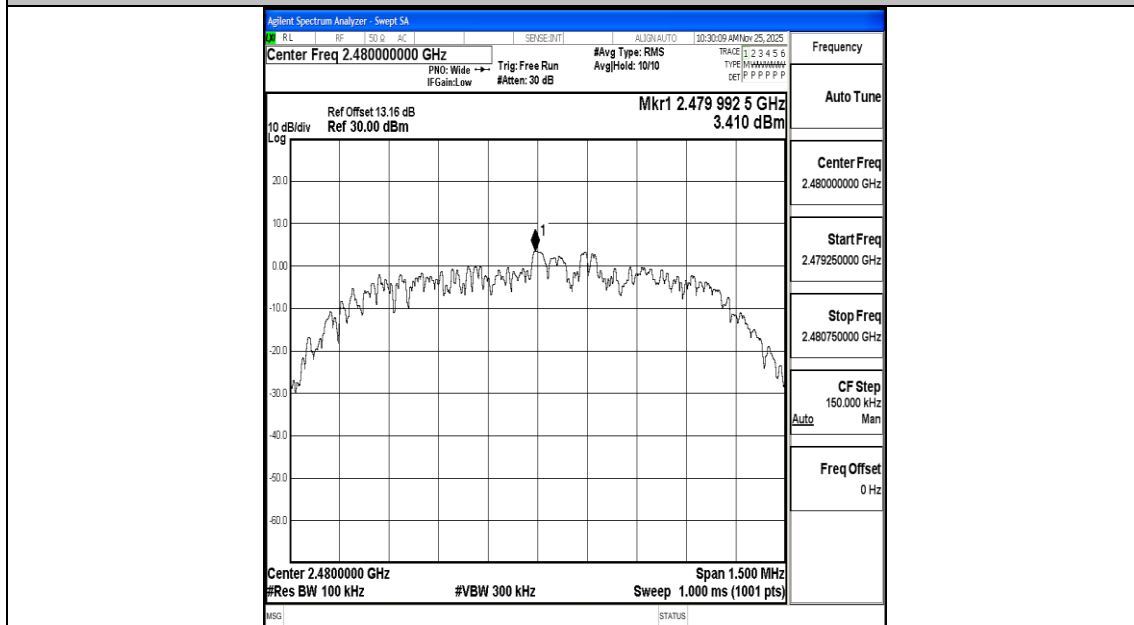
2DH5-Ant1-2441-0~Reference-PASS



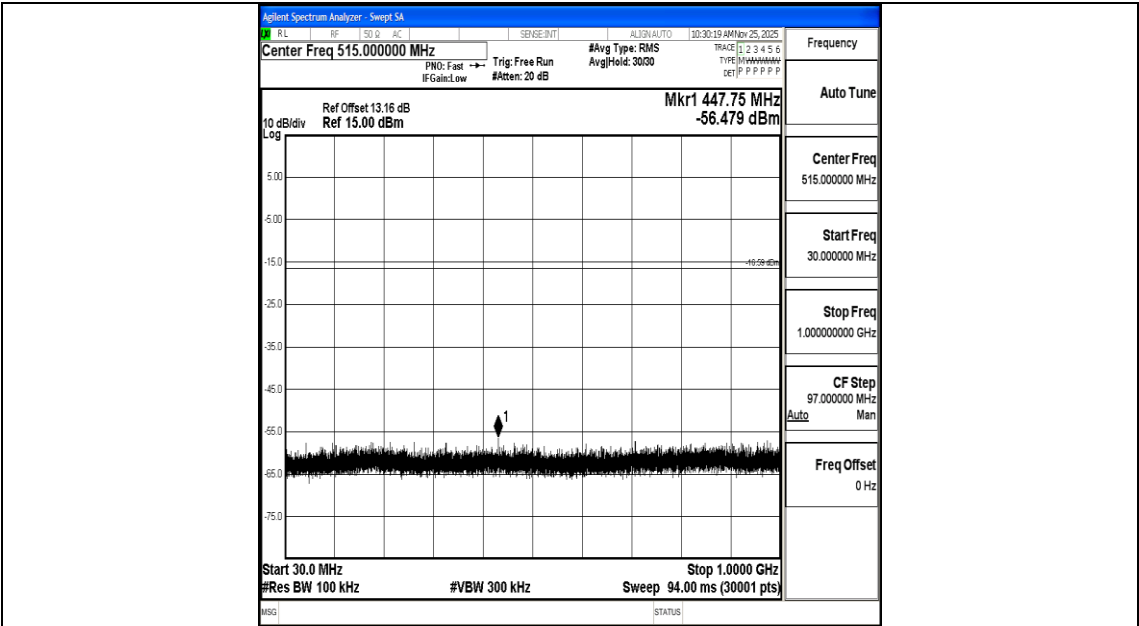
2DH5-Ant1-2441-30~1000-PASS



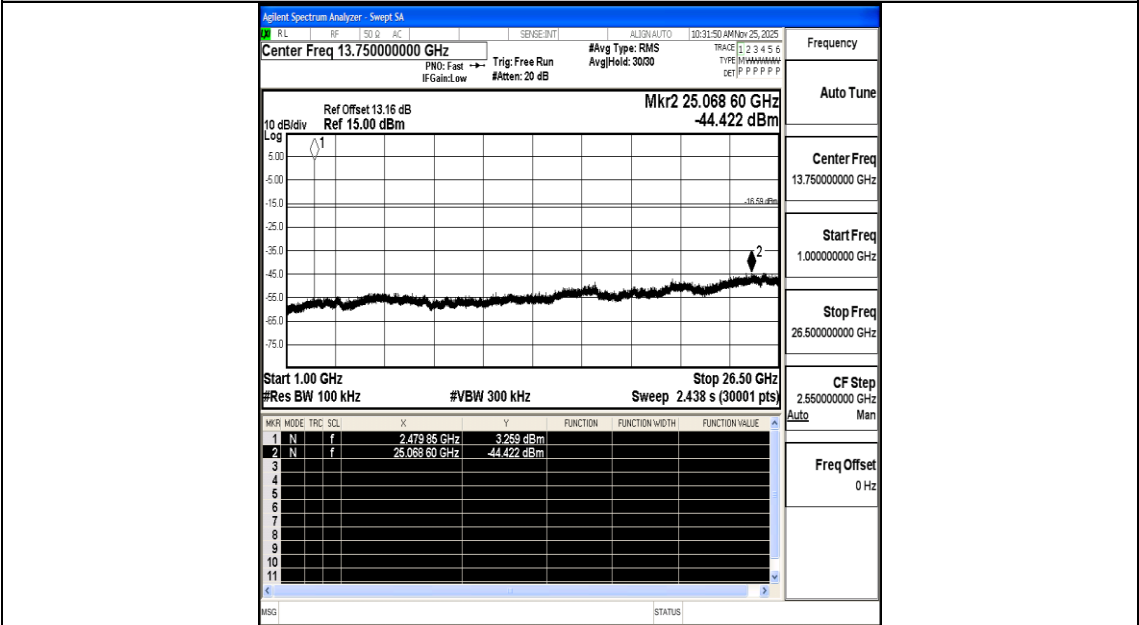
2DH5-Ant1-2441-1000~26500-PASS



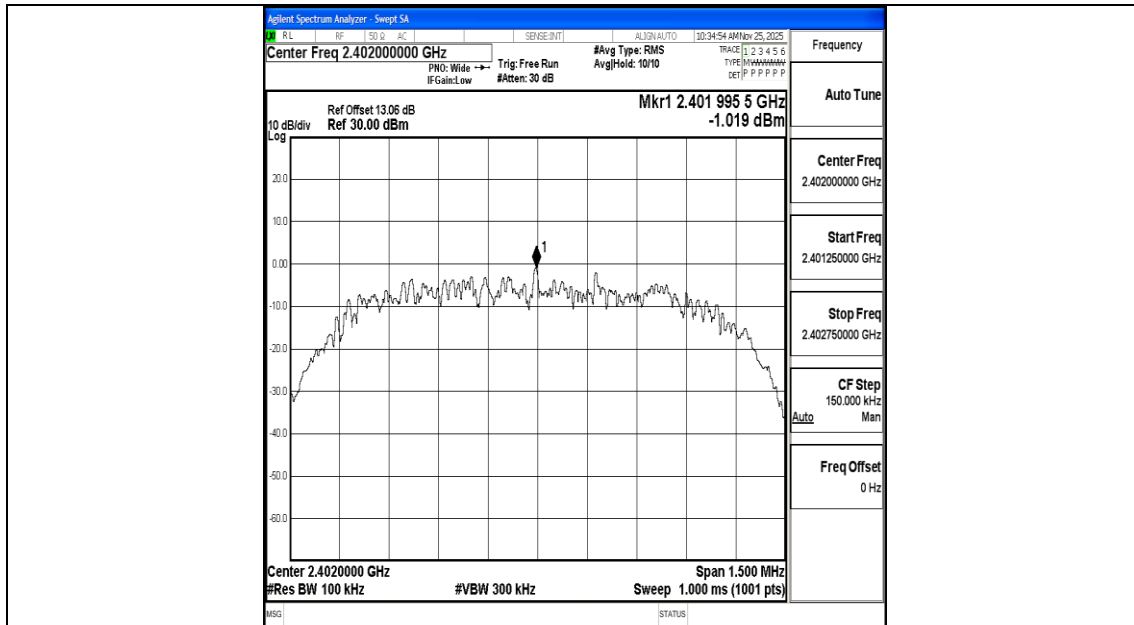
2DH5-Ant1-2480-0~Reference-PASS



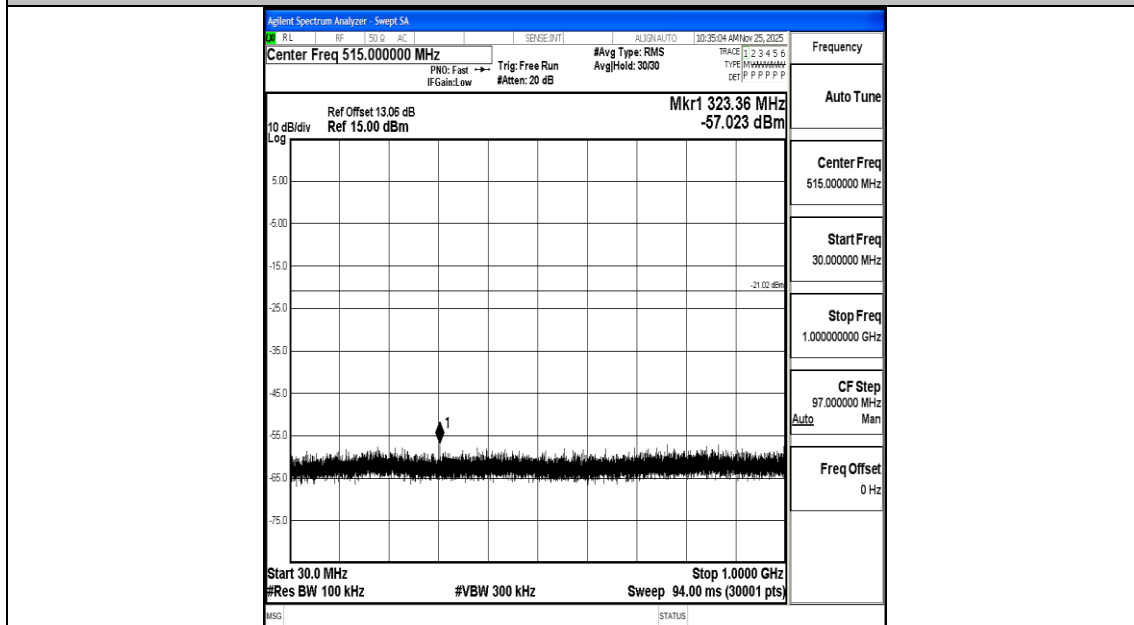
2DH5-Ant1-2480-30~1000-PASS



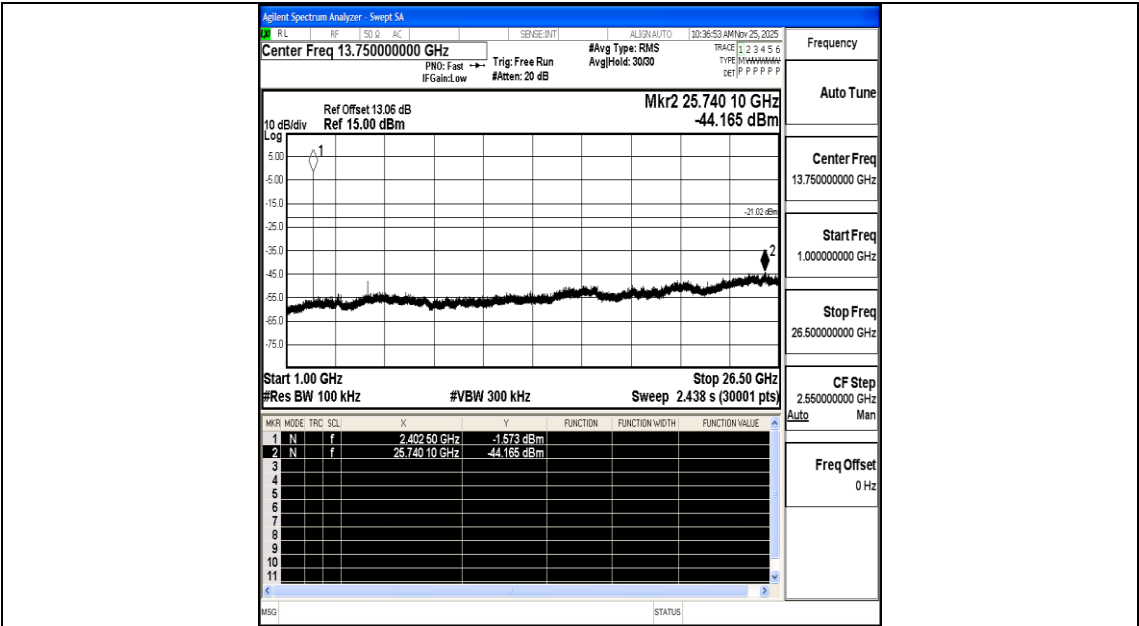
2DH5-Ant1-2480-1000~26500-PASS



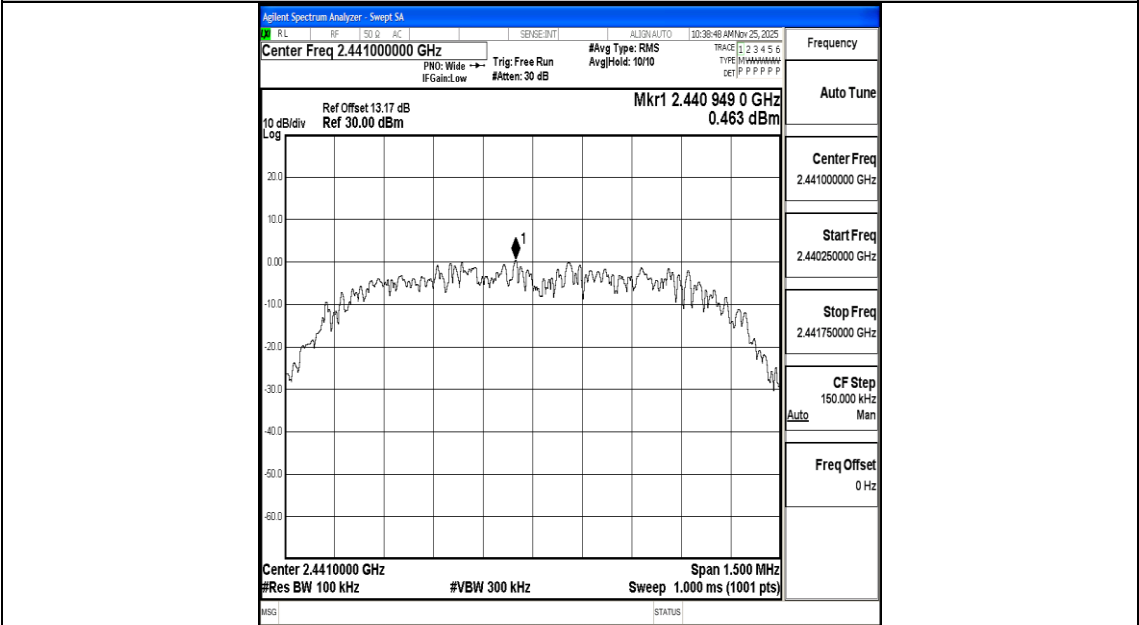
3DH5-Ant1-2402-0~Reference-PASS



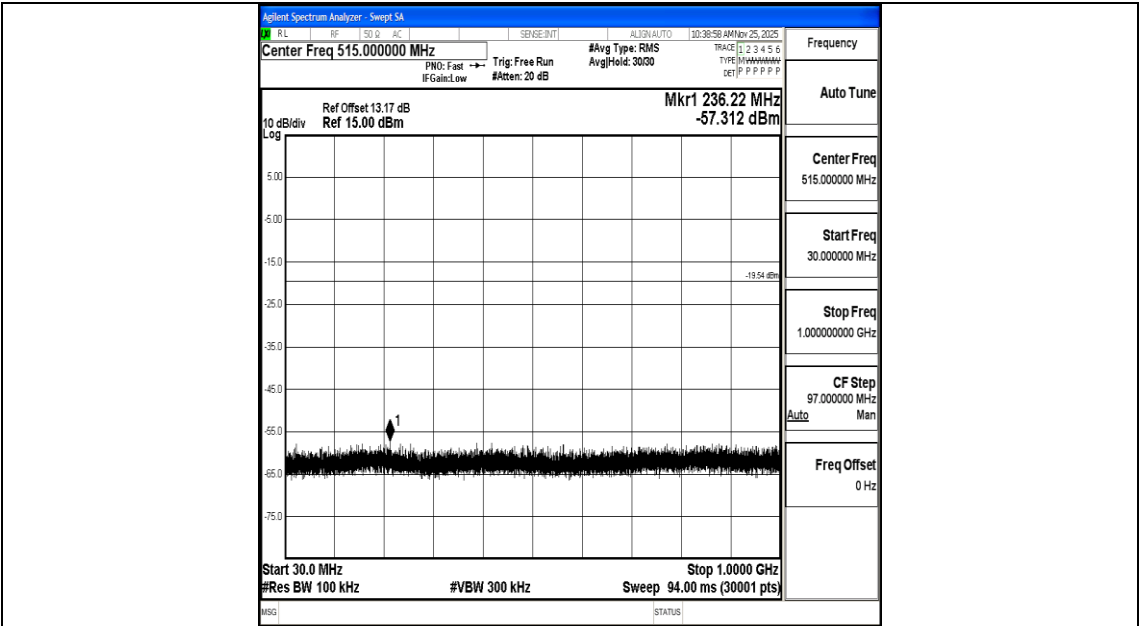
3DH5-Ant1-2402-30~1000-PASS



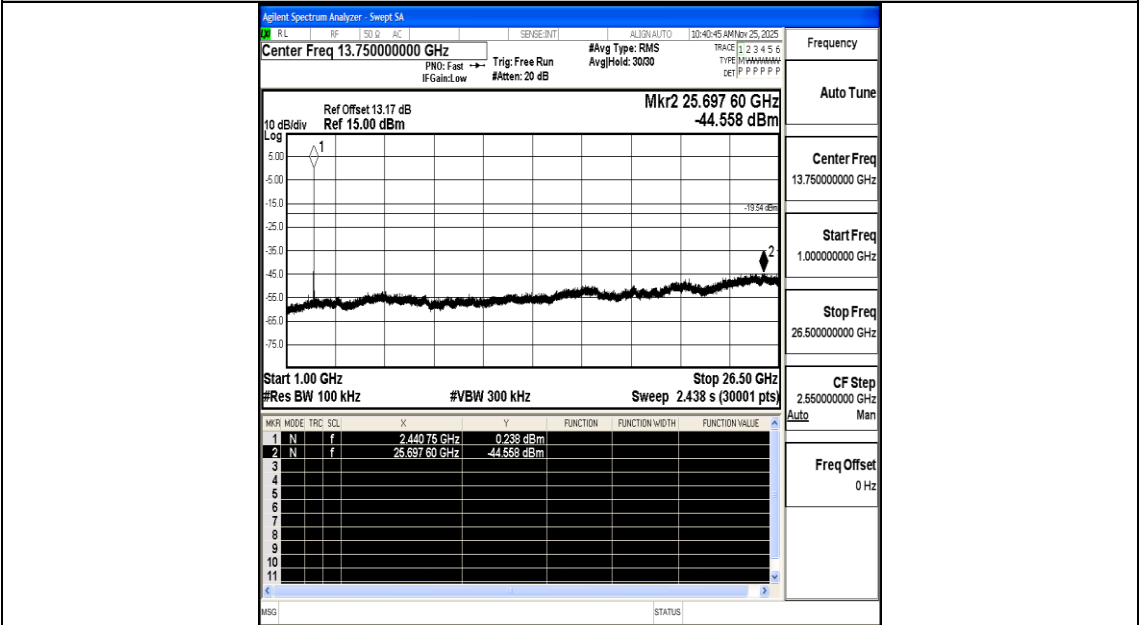
3DH5-Ant1-2402-1000~26500-PASS



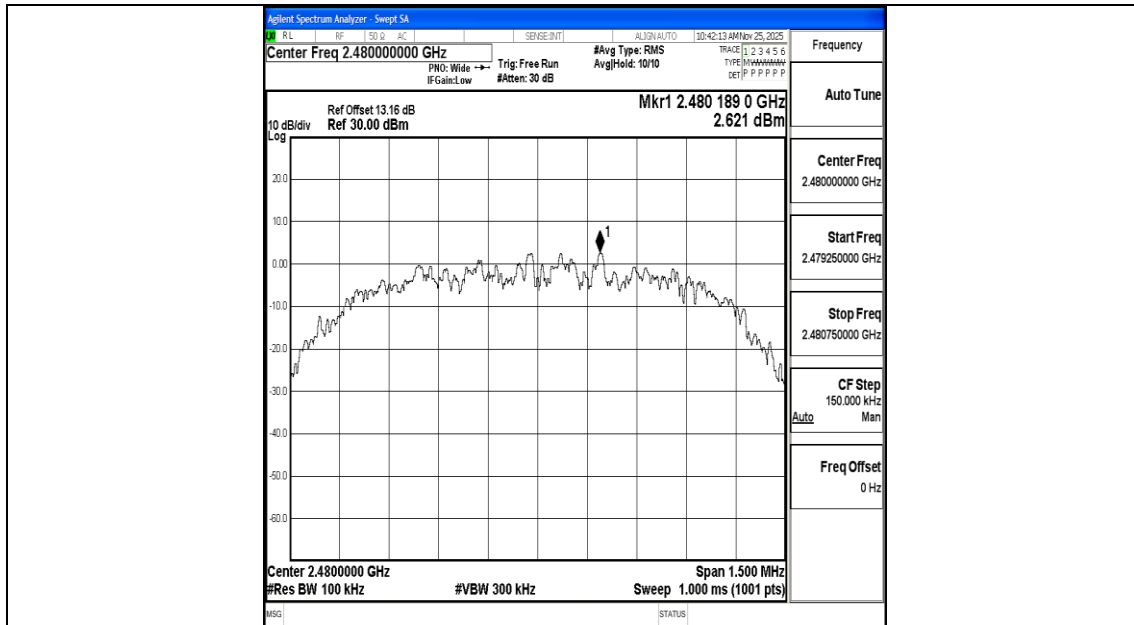
3DH5-Ant1-2441-0~Reference-PASS



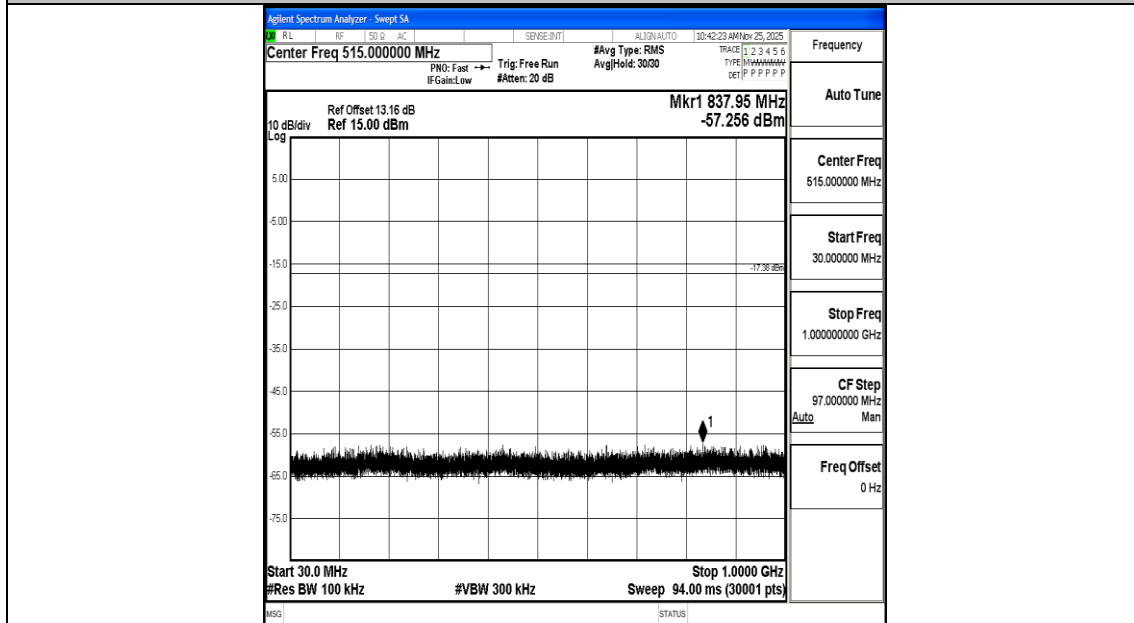
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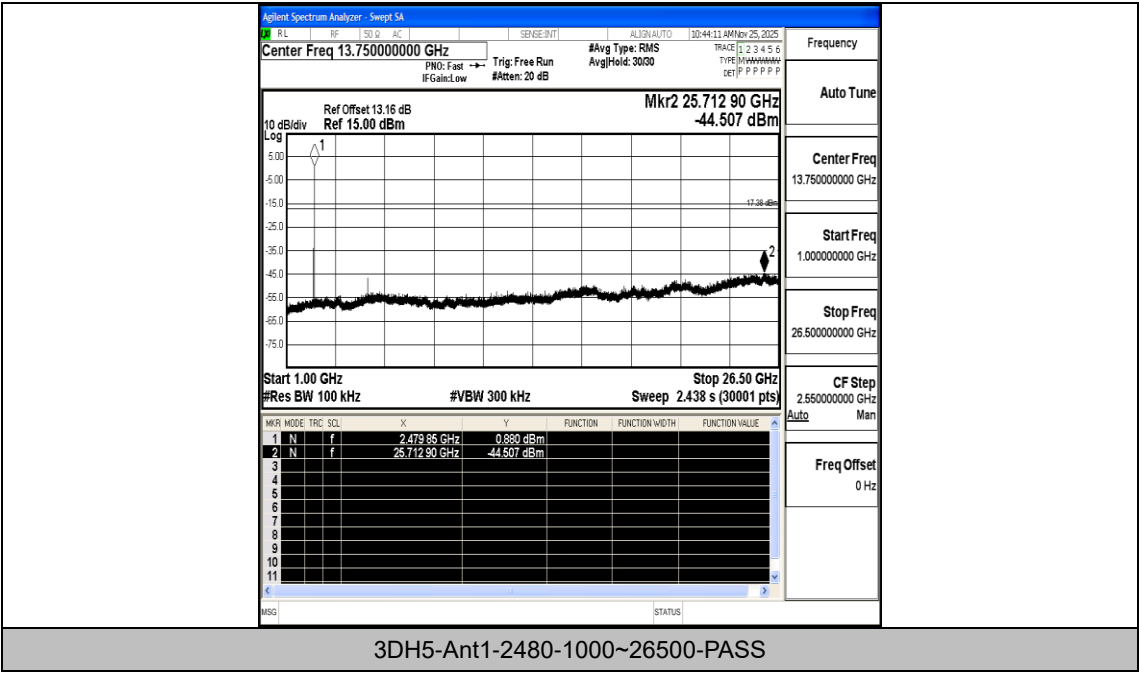
3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS

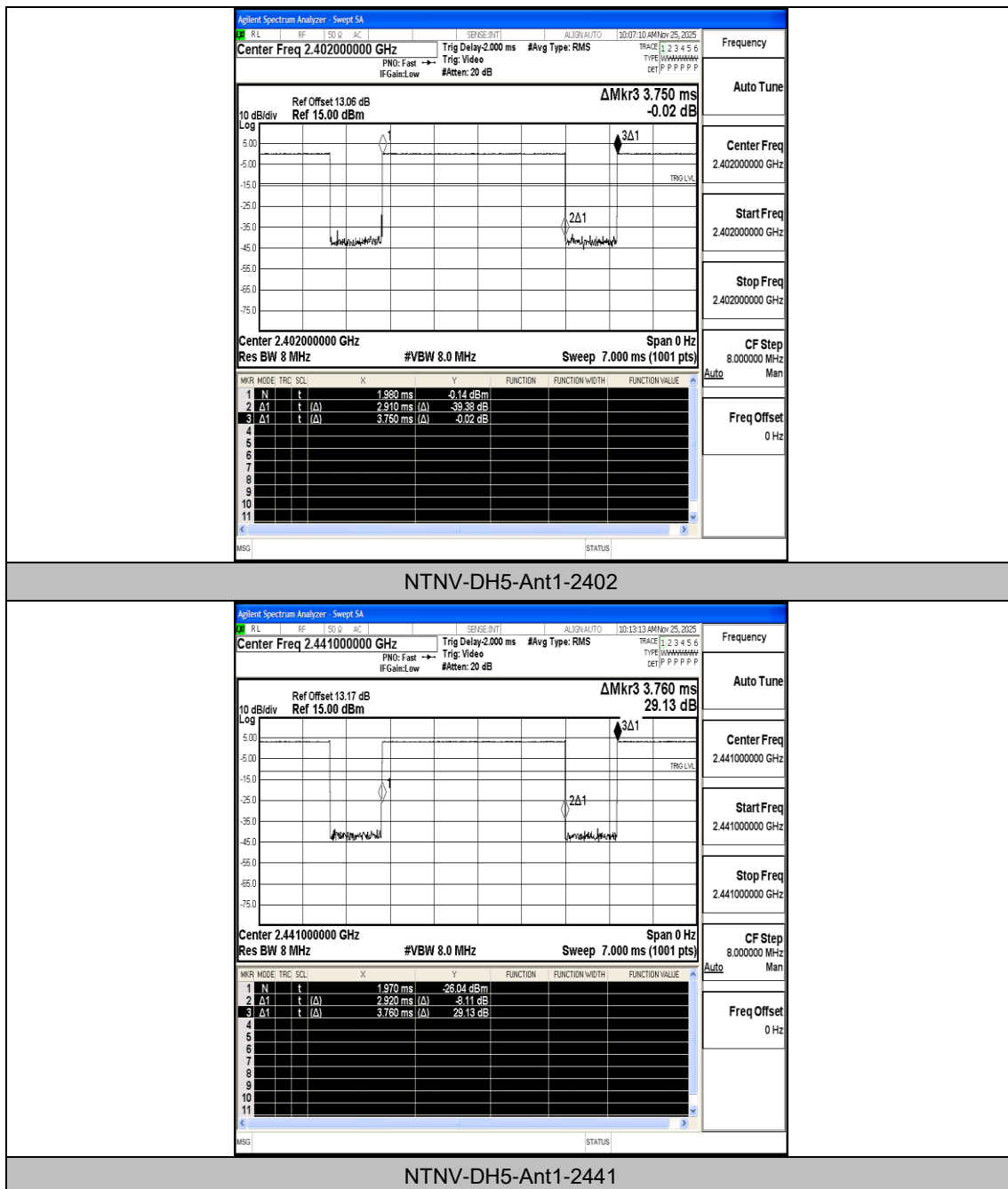


Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.92	3.76	77.66	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.89	3.74	77.27	1.12
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.90	3.74	77.54	1.10
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	0.14	0.15	93.33	0.30

Test Graphs



NTNV-DH5-Ant1-2402

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 13.17 dB Ref 15.00 dBm

ΔMkr3 3.760 ms 29.13 dB

10 dB/div

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

TRIG LVL

Center 2.441000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Span 0 Hz

Sweep 7.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	t		1.970 ms	-26.04 dBm			
2	Δ1	t	(Δ)	2.920 ms (Δ)	-8.11 dB			
3	Δ1	t	(Δ)	3.760 ms (Δ)	29.13 dB			

MSG STATUS

Frequency

Auto Tune

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

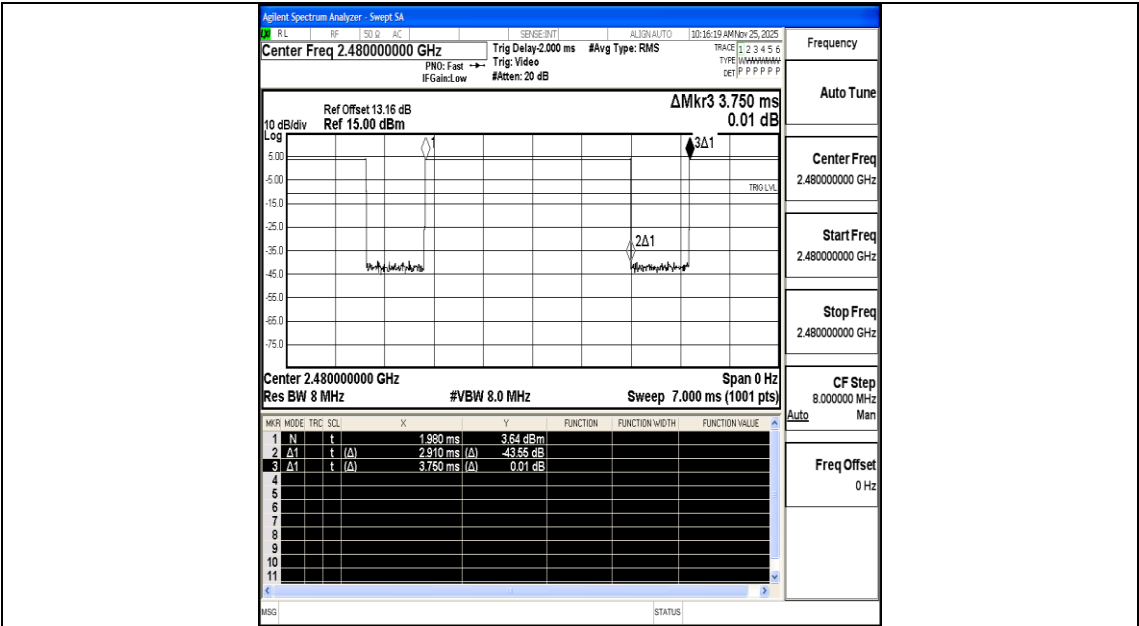
Stop Freq 2.441000000 GHz

CF Step 8.000000 MHz

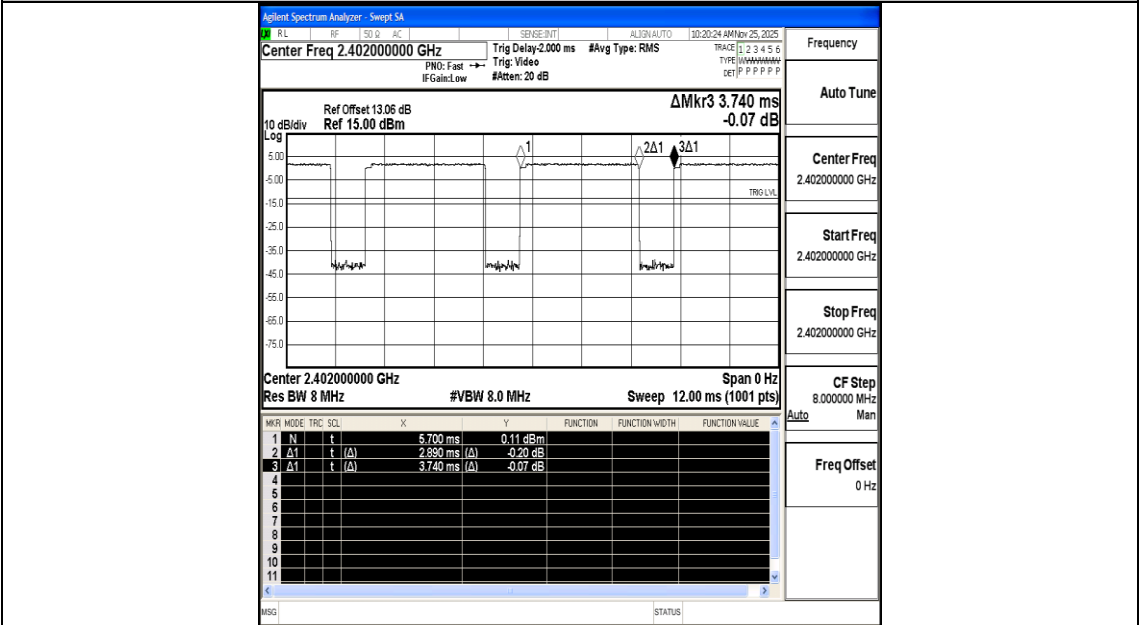
Auto Man

Freq Offset 0 Hz

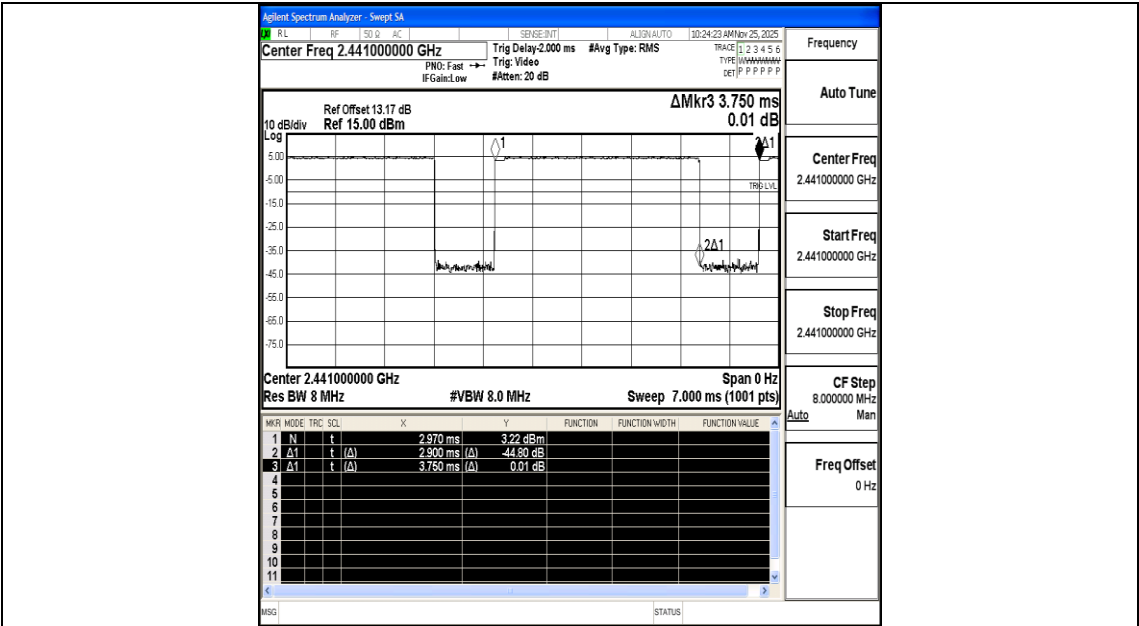
NTNV-DH5-Ant1-2441



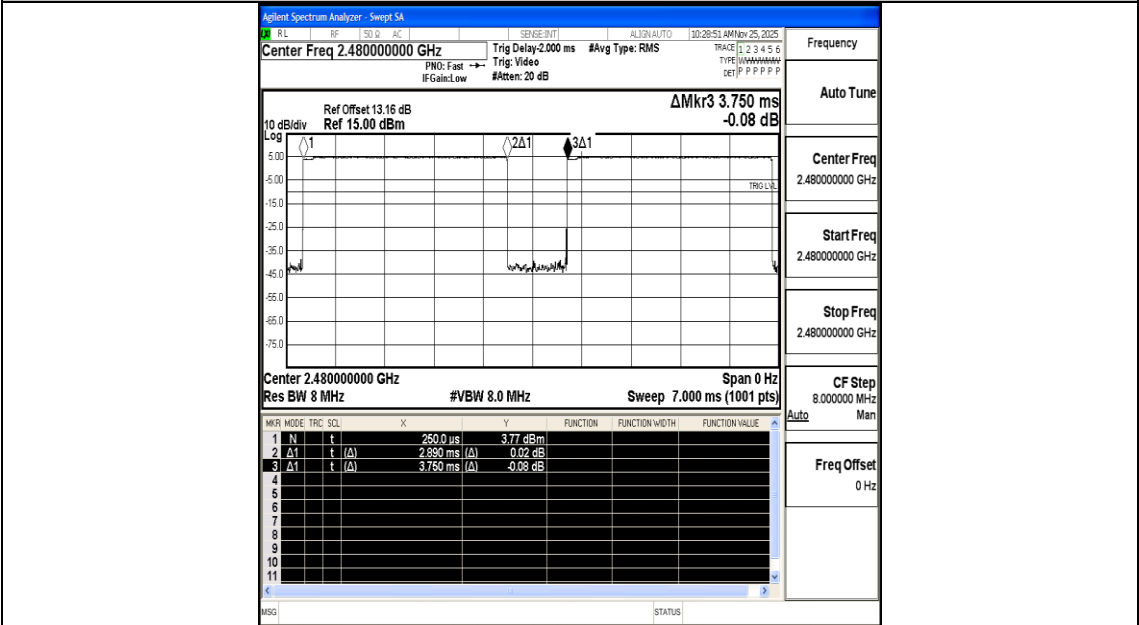
NTNV-DH5-Ant1-2480



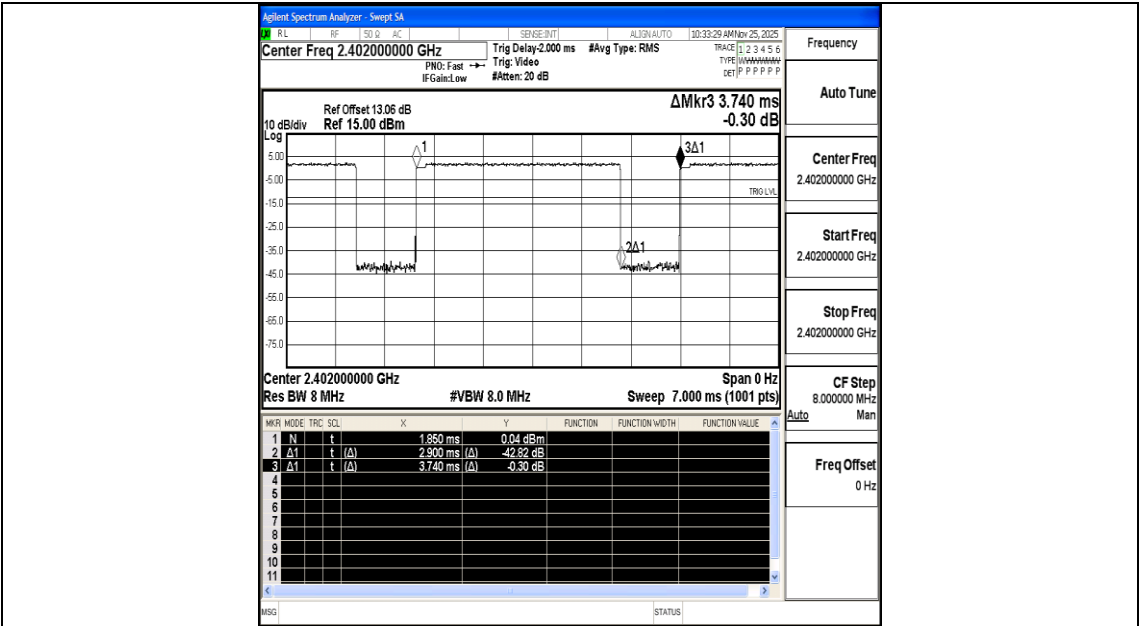
NTNV-2DH5-Ant1-2402



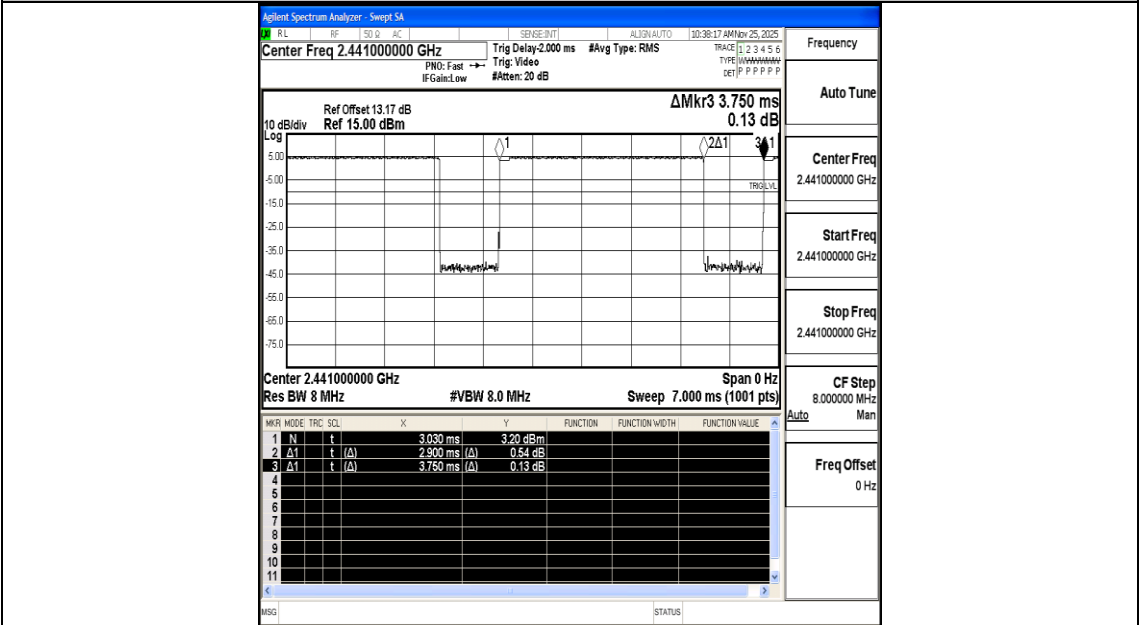
NTNV-2DH5-Ant1-2441



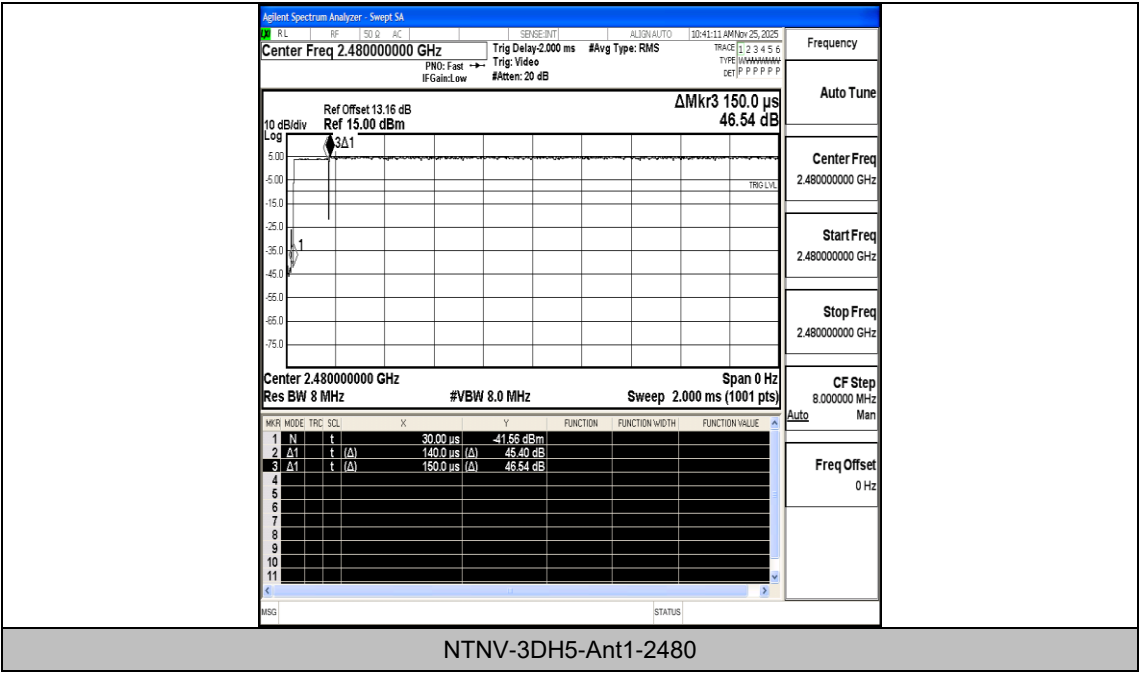
NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441



Appendix J: Emissions in Restricted Bands

Test Result

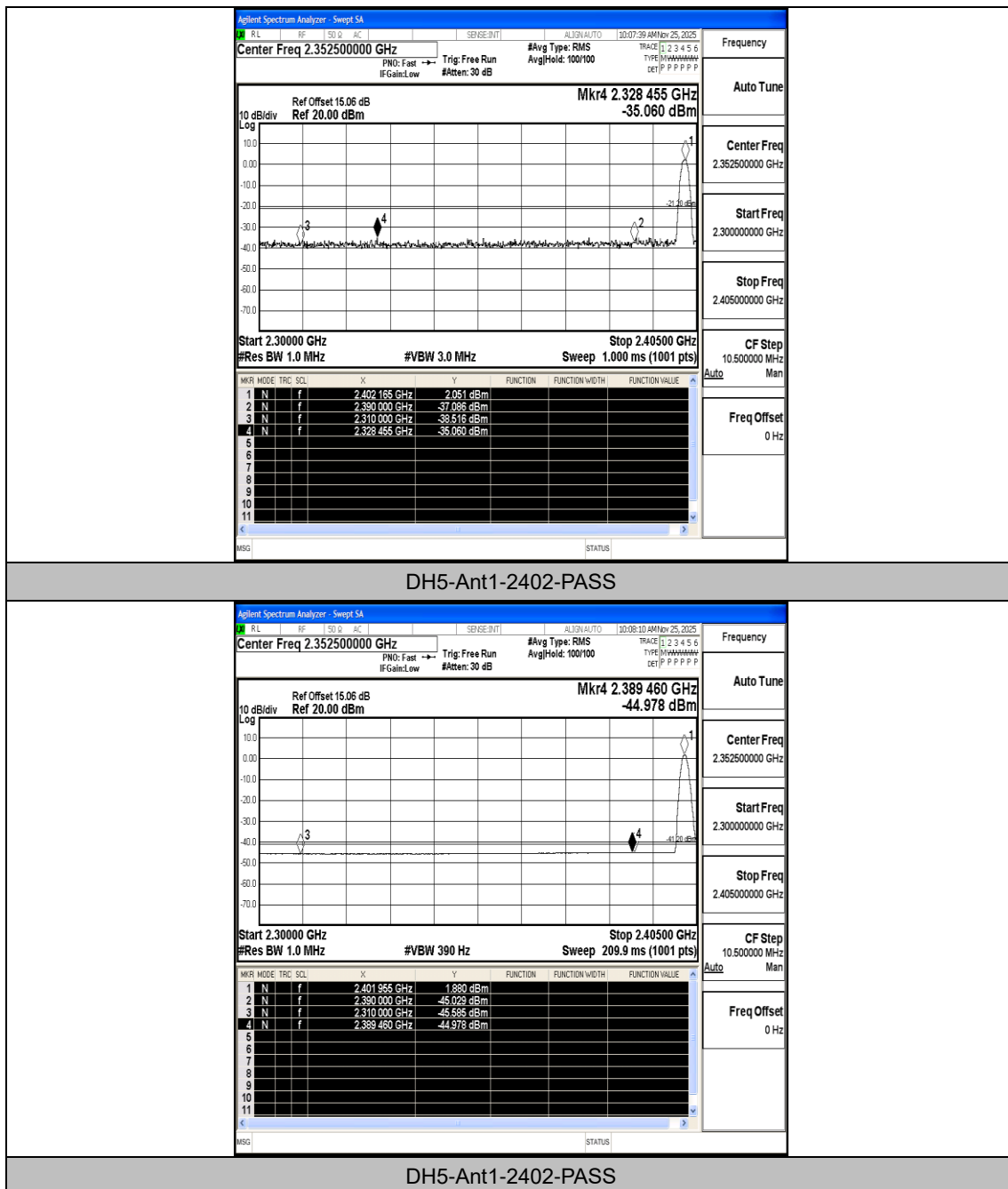
TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	Peak	2390.000	-37.09	≤-21.20	58.11	≤74	PASS
DH5	Ant1	Low	2402	Peak	2310.000	-38.52	≤-21.20	56.68	≤74	PASS
DH5	Ant1	Low	2402	Peak	2328.455	-35.06	≤-21.20	60.14	≤74	PASS
DH5	Ant1	Low	2402	AV	2390.000	-45.03	≤-41.20	50.17	≤54	PASS
DH5	Ant1	Low	2402	AV	2310.000	-45.59	≤-41.20	49.61	≤54	PASS
DH5	Ant1	Low	2402	AV	2389.460	-44.98	≤-41.20	50.22	≤54	PASS
DH5	Ant1	High	2480	Peak	2483.500	-35.75	≤-21.20	59.45	≤74	PASS
DH5	Ant1	High	2480	Peak	2500.000	-38.47	≤-21.20	56.73	≤74	PASS
DH5	Ant1	High	2480	Peak	2490.080	-34.77	≤-21.20	60.43	≤74	PASS
DH5	Ant1	High	2480	AV	2483.500	-44.83	≤-41.20	50.37	≤54	PASS
DH5	Ant1	High	2480	AV	2500.000	-44.98	≤-41.20	50.22	≤54	PASS
DH5	Ant1	High	2480	AV	2497.760	-44.83	≤-41.20	50.37	≤54	PASS
DH5	Ant1	Low	Hop_2402	Peak	2390.000	-37.98	≤-21.20	57.22	≤74	PASS
DH5	Ant1	Low	Hop_2402	Peak	2310.000	-39.75	≤-21.20	55.45	≤74	PASS
DH5	Ant1	Low	Hop_2402	Peak	2363.000	-35.01	≤-21.20	60.19	≤74	PASS
DH5	Ant1	High	Hop_2480	Peak	2483.500	-38.31	≤-21.20	56.89	≤74	PASS
DH5	Ant1	High	Hop_2480	Peak	2500.000	-37.31	≤-21.20	57.89	≤74	PASS
DH5	Ant1	High	Hop_2480	Peak	2498.000	-34.82	≤-21.20	60.38	≤74	PASS
2DH5	Ant1	Low	2402	Peak	2390.000	-38	≤-21.20	57.20	≤74	PASS
2DH5	Ant1	Low	2402	Peak	2310.000	-37.69	≤-21.20	57.51	≤74	PASS
2DH5	Ant1	Low	2402	Peak	2383.475	-34.97	≤-21.20	60.23	≤74	PASS
2DH5	Ant1	Low	2402	AV	2390.000	-45.07	≤-41.20	50.13	≤54	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-45.6	≤-41.20	49.60	≤54	PASS
2DH5	Ant1	Low	2402	AV	2381.375	-44.95	≤-41.20	50.25	≤54	PASS
2DH5	Ant1	High	2480	Peak	2483.500	-37.76	≤-21.20	57.44	≤74	PASS
2DH5	Ant1	High	2480	Peak	2500.000	-36.6	≤-21.20	58.60	≤74	PASS
2DH5	Ant1	High	2480	Peak	2490.960	-33.85	≤-21.20	61.35	≤74	PASS
2DH5	Ant1	High	2480	AV	2483.500	-44.23	≤-41.20	50.97	≤54	PASS
2DH5	Ant1	High	2480	AV	2500.000	-44.98	≤-41.20	50.22	≤54	PASS
2DH5	Ant1	High	2480	AV	2483.520	-44.23	≤-41.20	50.97	≤54	PASS
2DH5	Ant1	Low	Hop_2402	Peak	2390.000	-37.74	≤-21.20	57.46	≤74	PASS
2DH5	Ant1	Low	Hop_2402	Peak	2310.000	-38.73	≤-21.20	56.47	≤74	PASS
2DH5	Ant1	Low	Hop_2402	Peak	2376.965	-35.36	≤-21.20	59.84	≤74	PASS
2DH5	Ant1	High	Hop_2480	Peak	2483.500	-36.7	≤-21.20	58.50	≤74	PASS
2DH5	Ant1	High	Hop_2480	Peak	2500.000	-36.38	≤-21.20	58.82	≤74	PASS
2DH5	Ant1	High	Hop_2480	Peak	2498.240	-35.34	≤-21.20	59.86	≤74	PASS
3DH5	Ant1	Low	2402	Peak	2390.000	-37.69	≤-21.20	57.51	≤74	PASS

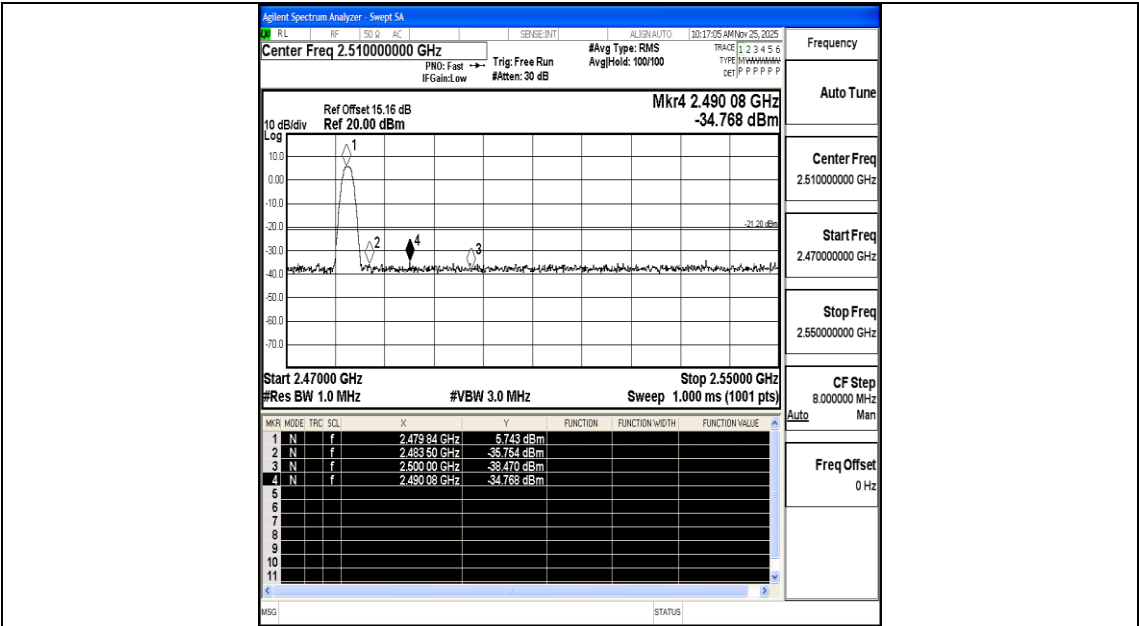
3DH5	Ant1	Low	2402	Peak	2310.000	-37.4	≤-21.20	57.80	≤74	PASS
3DH5	Ant1	Low	2402	Peak	2383.160	-35.38	≤-21.20	59.82	≤74	PASS
3DH5	Ant1	Low	2402	AV	2390.000	-45.03	≤-41.20	50.17	≤54	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-45.55	≤-41.20	49.65	≤54	PASS
3DH5	Ant1	Low	2402	AV	2381.690	-44.85	≤-41.20	50.35	≤54	PASS
3DH5	Ant1	High	2480	Peak	2483.500	-37.77	≤-21.20	57.43	≤74	PASS
3DH5	Ant1	High	2480	Peak	2500.000	-38.36	≤-21.20	56.84	≤74	PASS
3DH5	Ant1	High	2480	Peak	2498.880	-34.88	≤-21.20	60.32	≤74	PASS
3DH5	Ant1	High	2480	AV	2483.500	-42.66	≤-41.20	52.54	≤54	PASS
3DH5	Ant1	High	2480	AV	2500.000	-43.82	≤-41.20	51.38	≤54	PASS
3DH5	Ant1	High	2480	AV	2483.520	-42.66	≤-41.20	52.54	≤54	PASS
3DH5	Ant1	Low	Hop_2402	Peak	2390.000	-38.66	≤-21.20	56.54	≤74	PASS
3DH5	Ant1	Low	Hop_2402	Peak	2310.000	-38.17	≤-21.20	57.03	≤74	PASS
3DH5	Ant1	Low	Hop_2402	Peak	2376.545	-34.79	≤-21.20	60.41	≤74	PASS
3DH5	Ant1	High	Hop_2480	Peak	2483.500	-38.61	≤-21.20	56.59	≤74	PASS
3DH5	Ant1	High	Hop_2480	Peak	2500.000	-38.63	≤-21.20	56.57	≤74	PASS
3DH5	Ant1	High	Hop_2480	Peak	2494.400	-35.17	≤-21.20	60.03	≤74	PASS

Note:

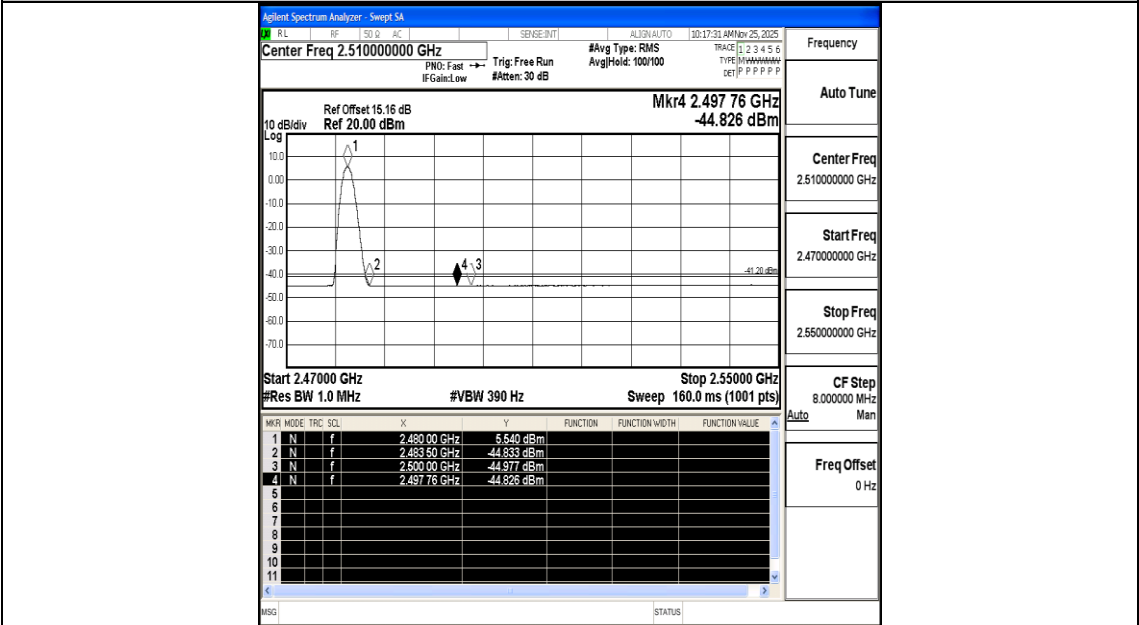
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

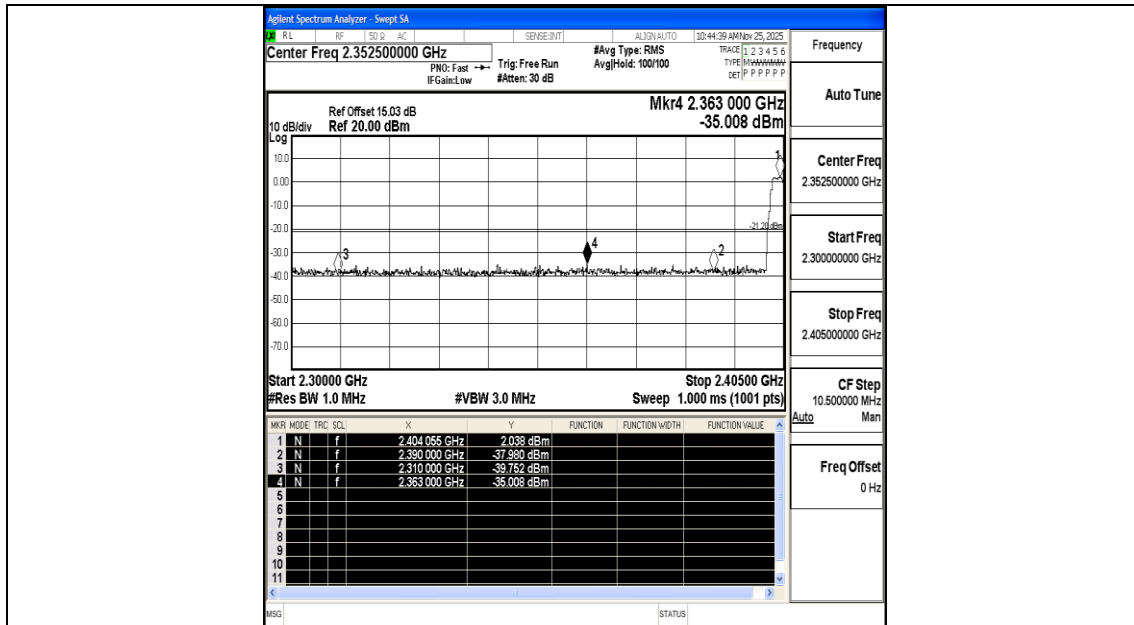




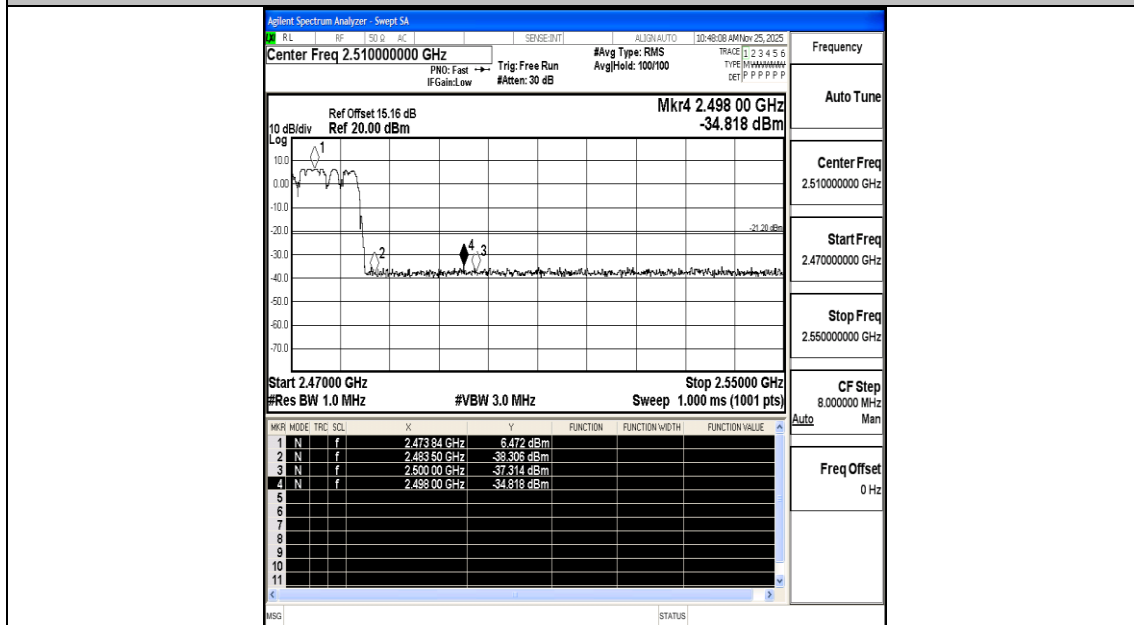
DH5-Ant1-2480-PASS



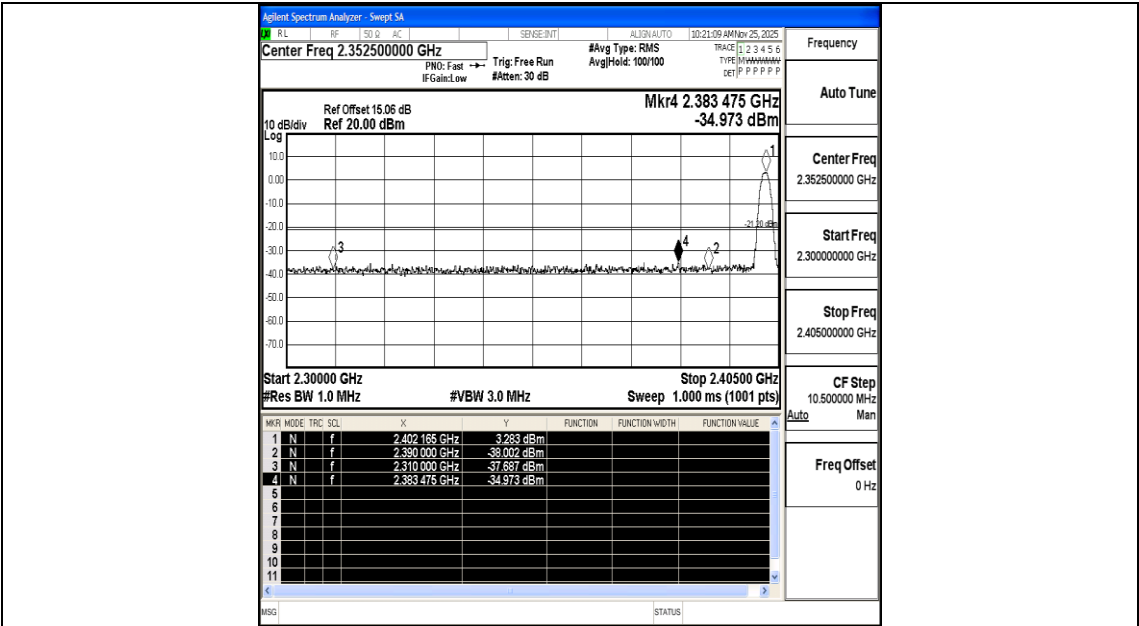
DH5-Ant1-2480-PASS



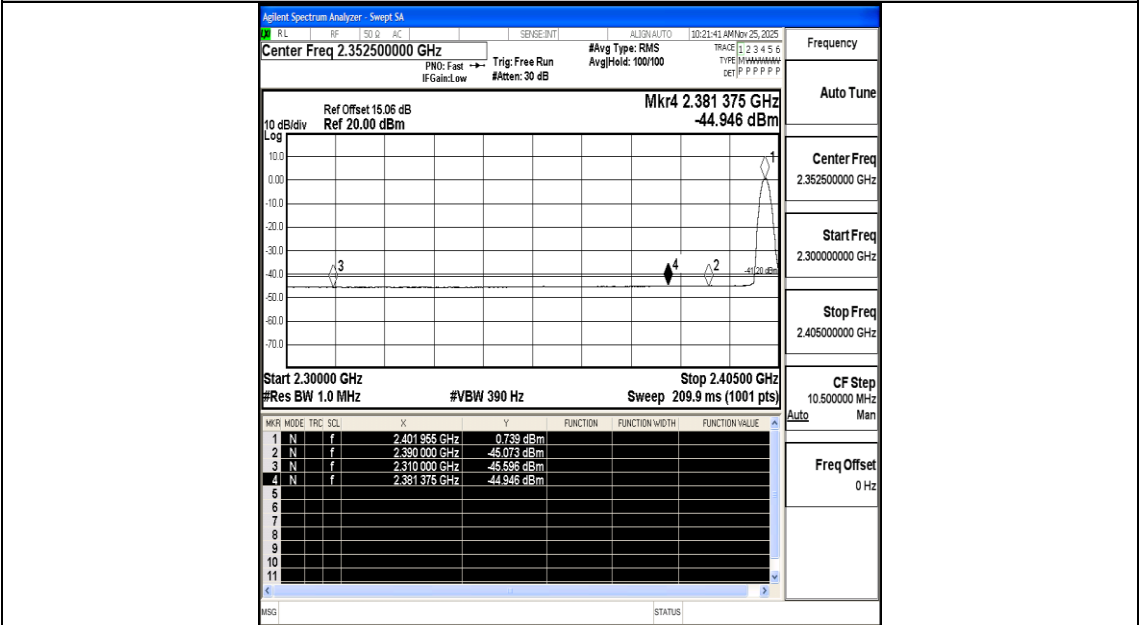
DH5-Ant1-Hop_2402-PASS



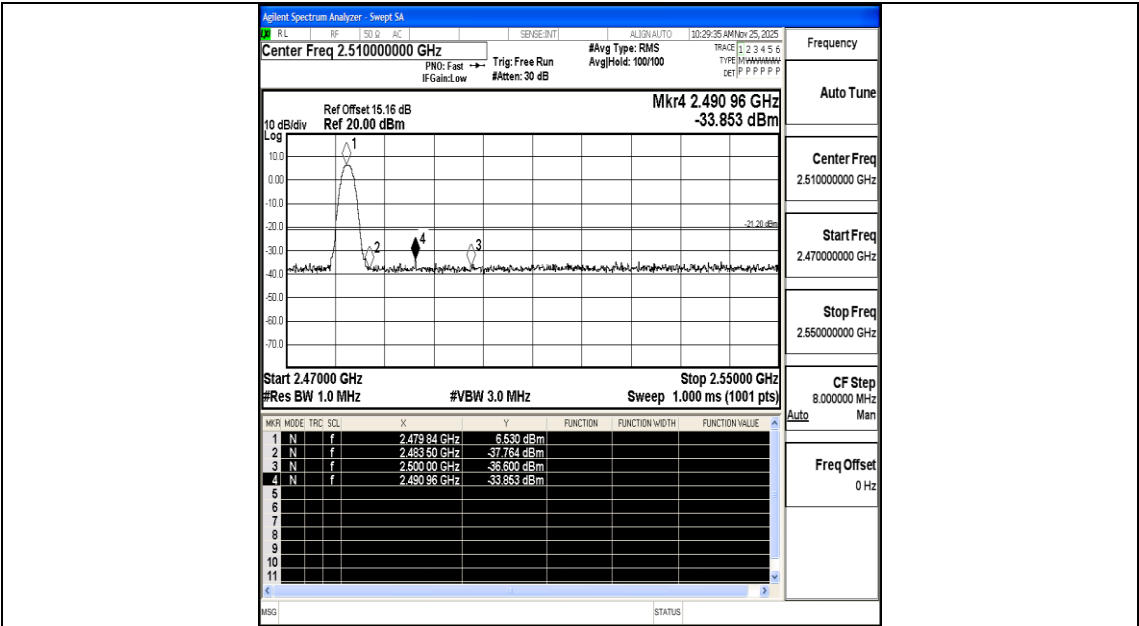
DH5-Ant1-Hop_2480-PASS



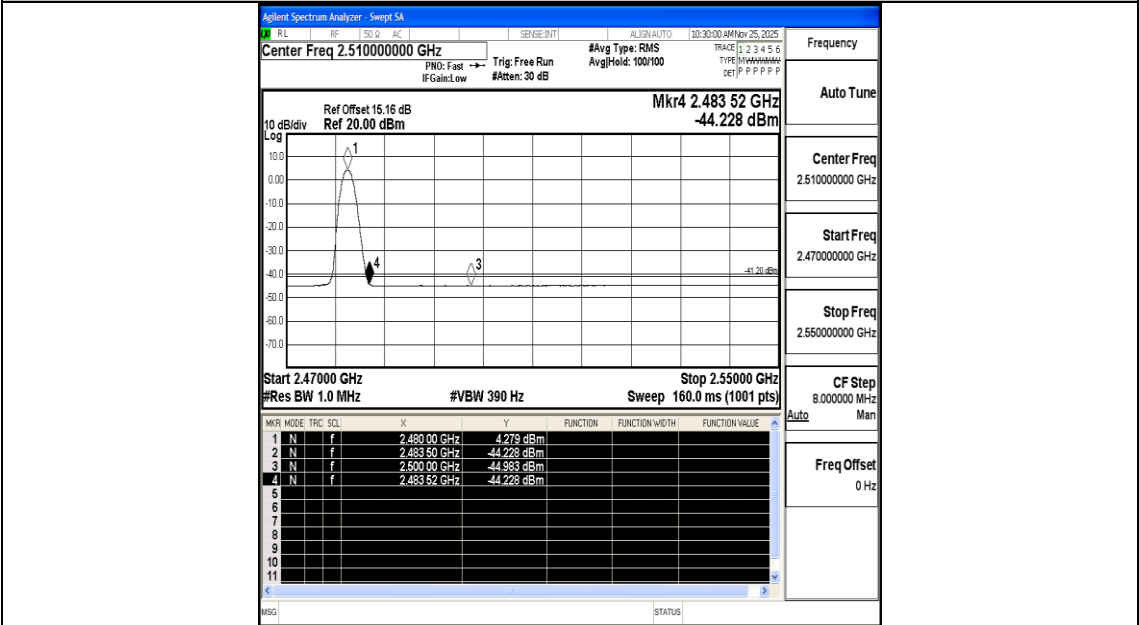
2DH5-Ant1-2402-PASS



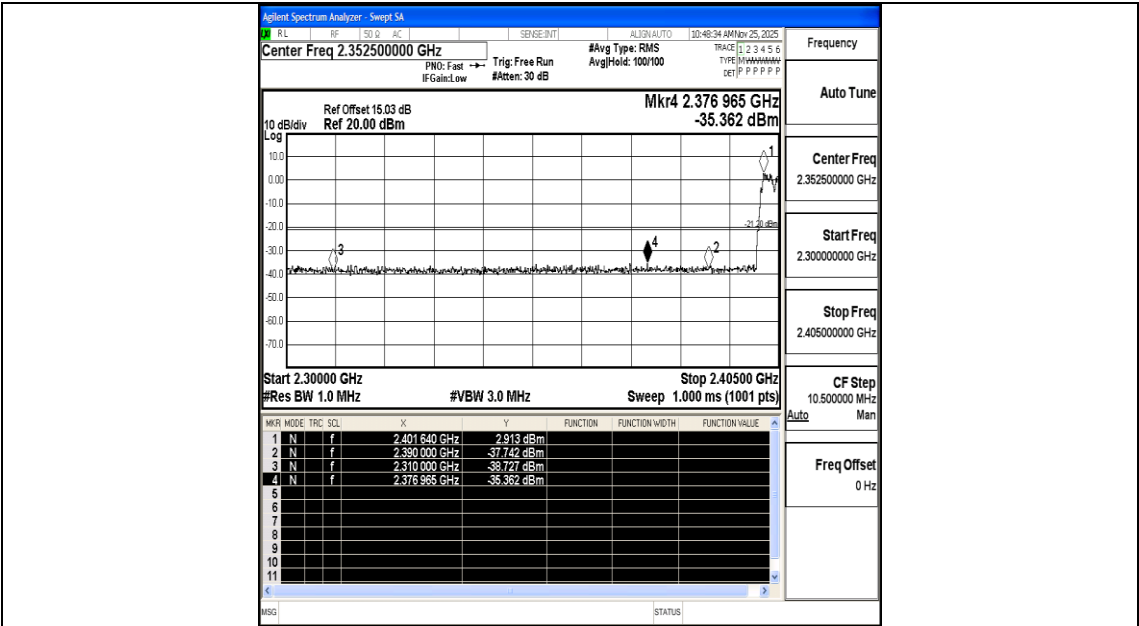
2DH5-Ant1-2402-PASS



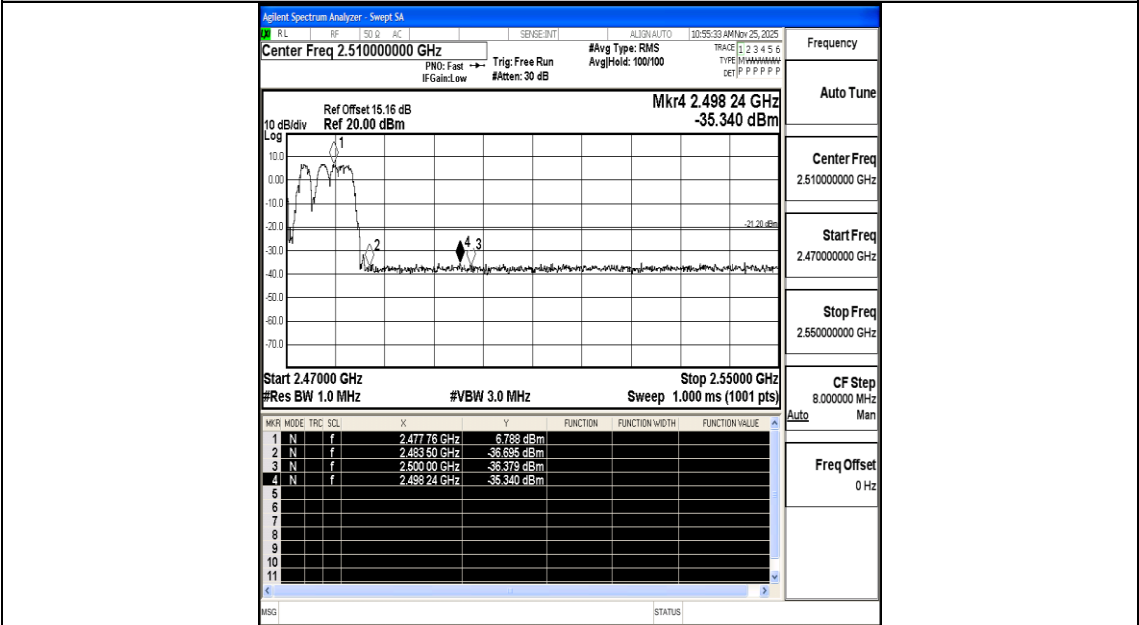
2DH5-Ant1-2480-PASS



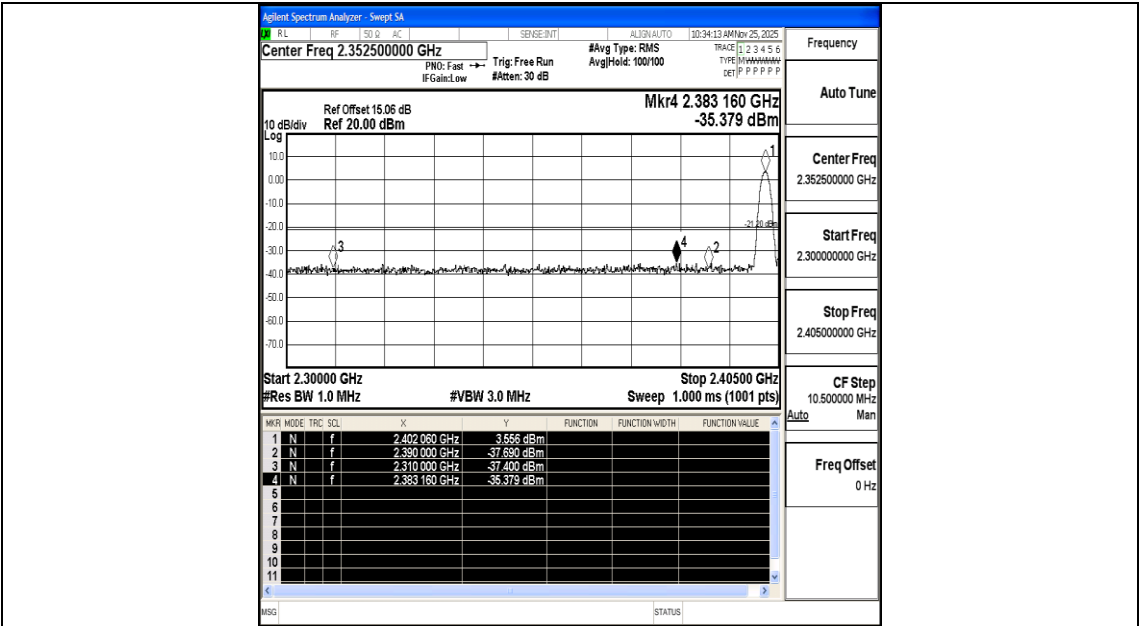
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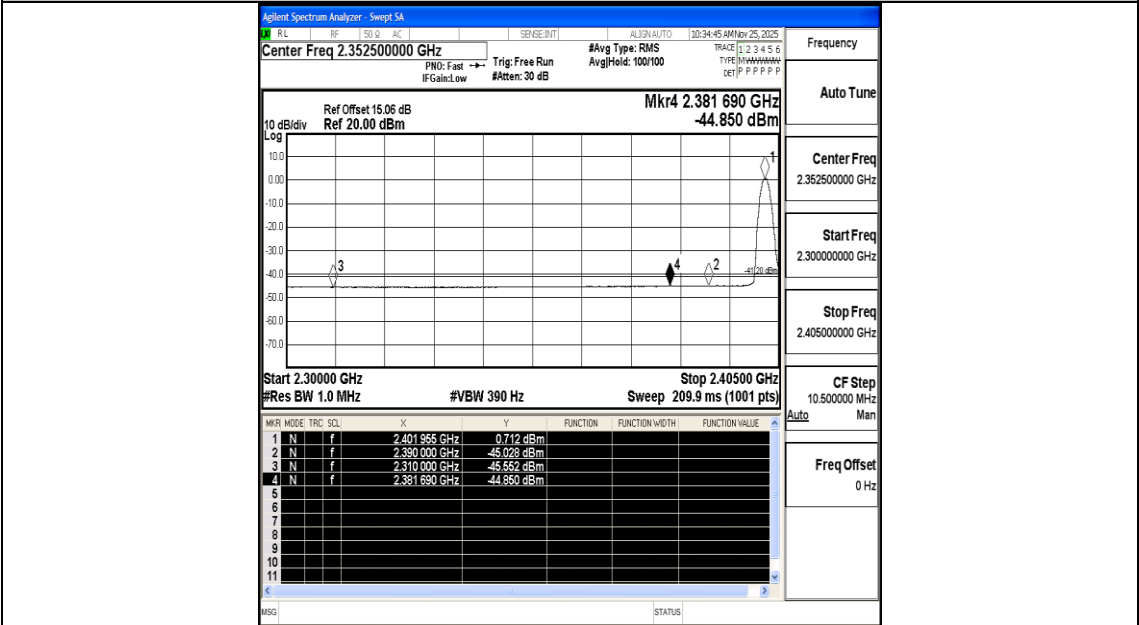
2DH5-Ant1-Hop_2402-PASS



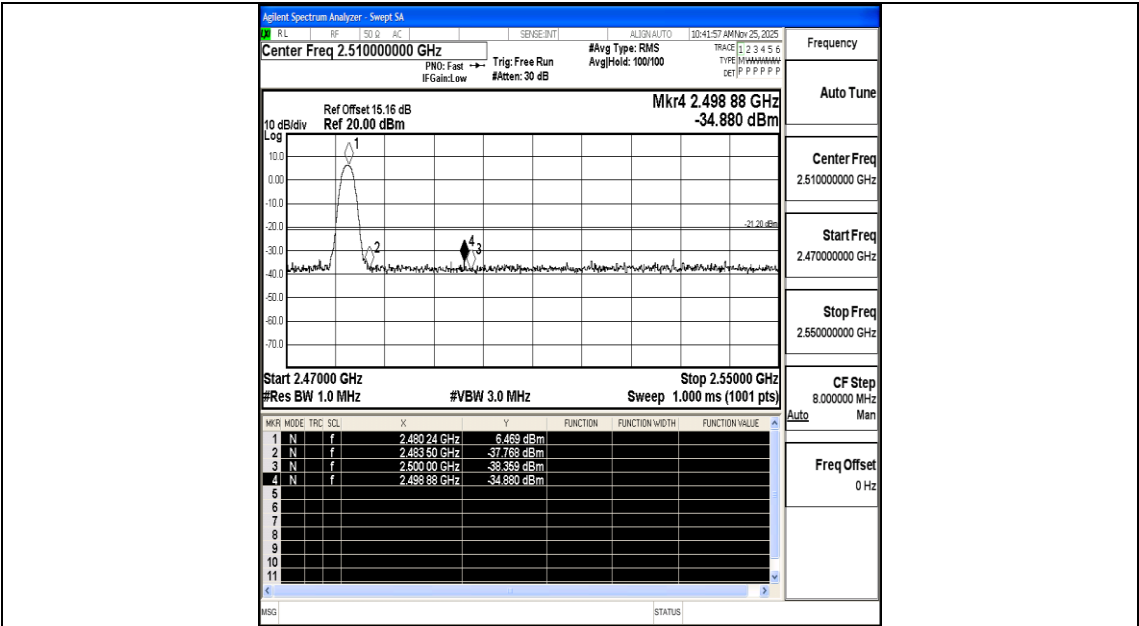
2DH5-Ant1-Hop_2480-PASS



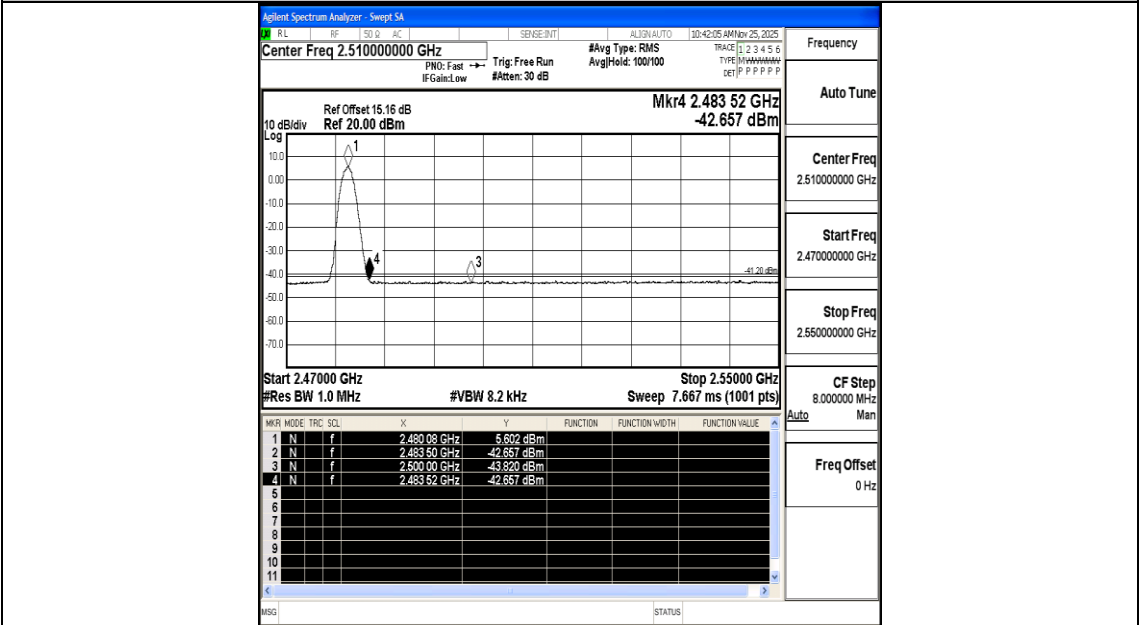
3DH5-Ant1-2402-PASS



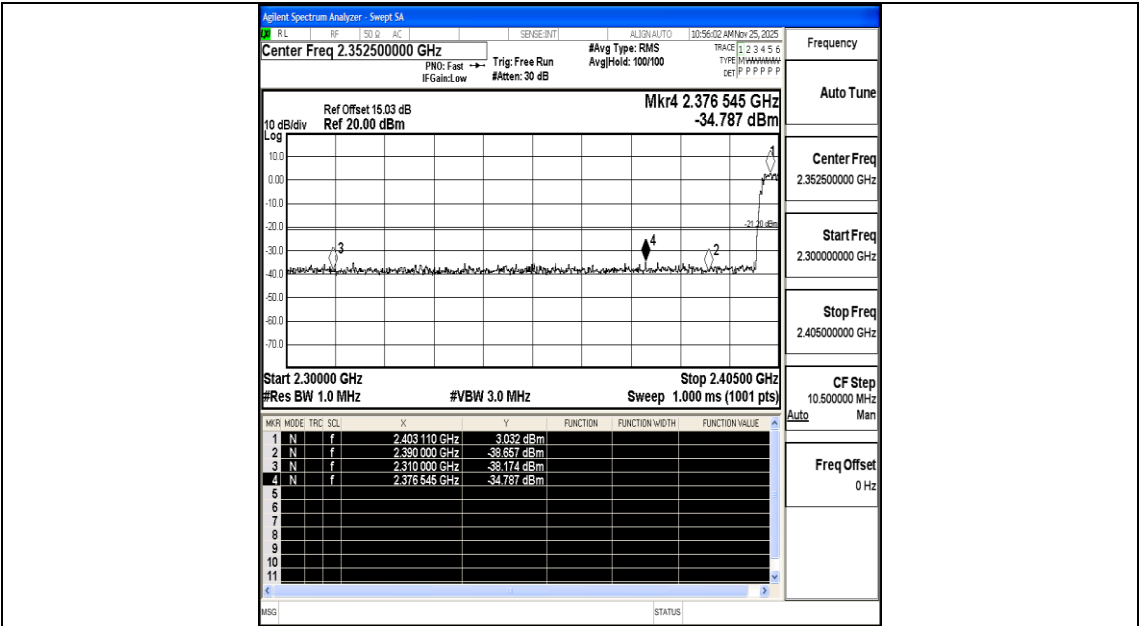
3DH5-Ant1-2402-PASS



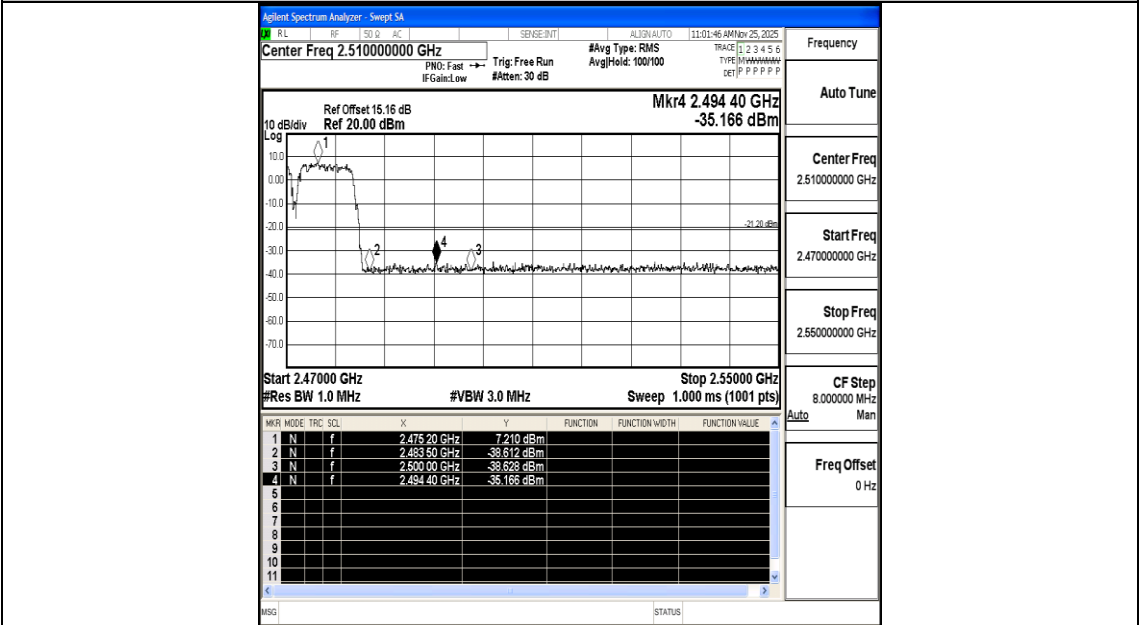
3DH5-Ant1-2480-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS