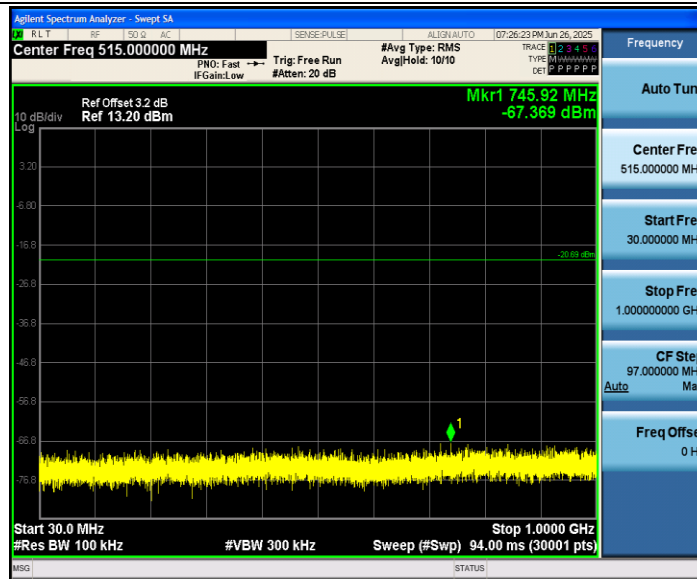
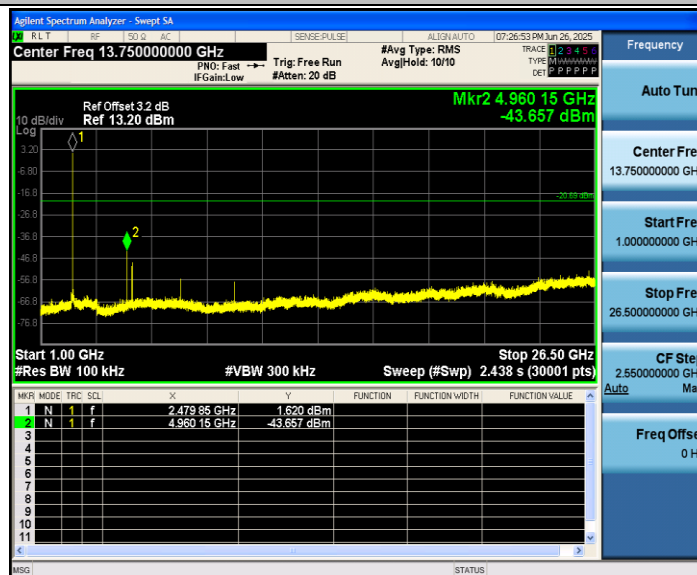
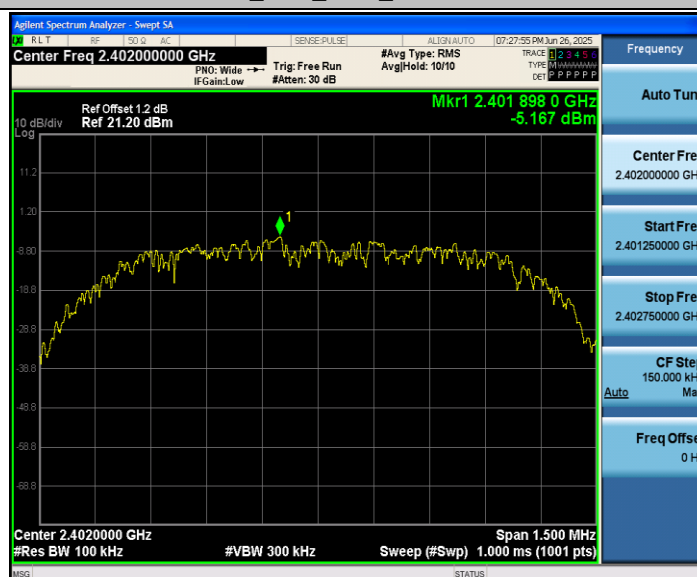




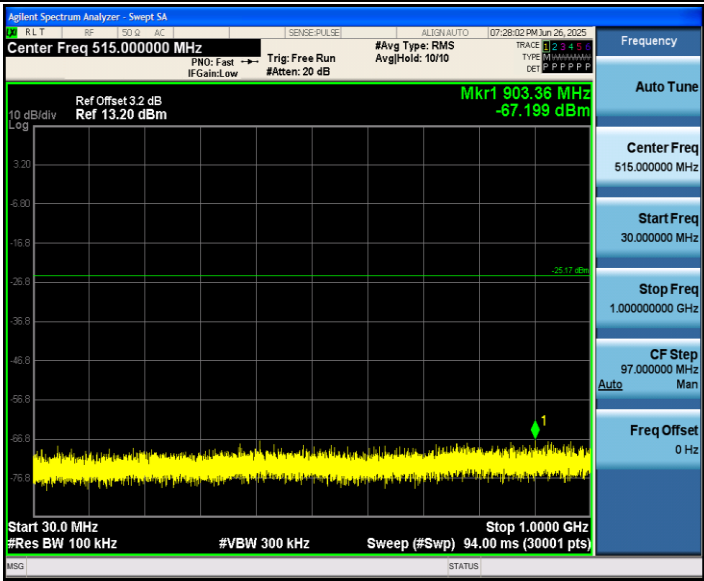
DH5_Ant1_2480_1000~26500



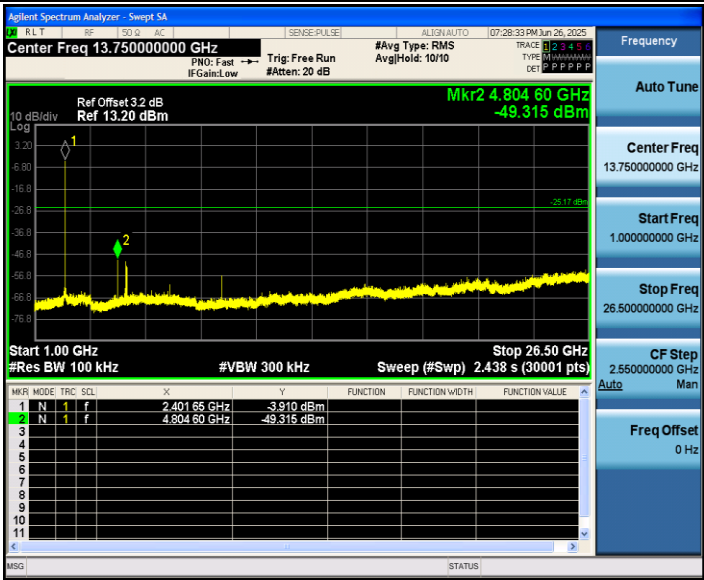
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



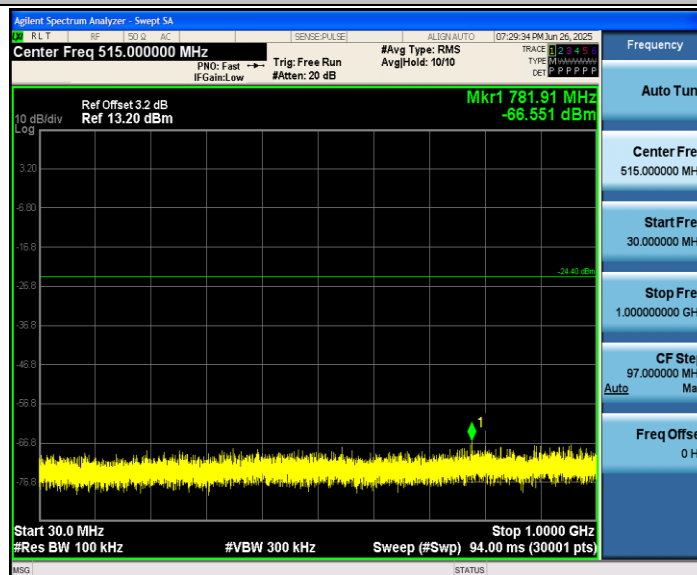
2DH5_Ant1_2402_1000~26500



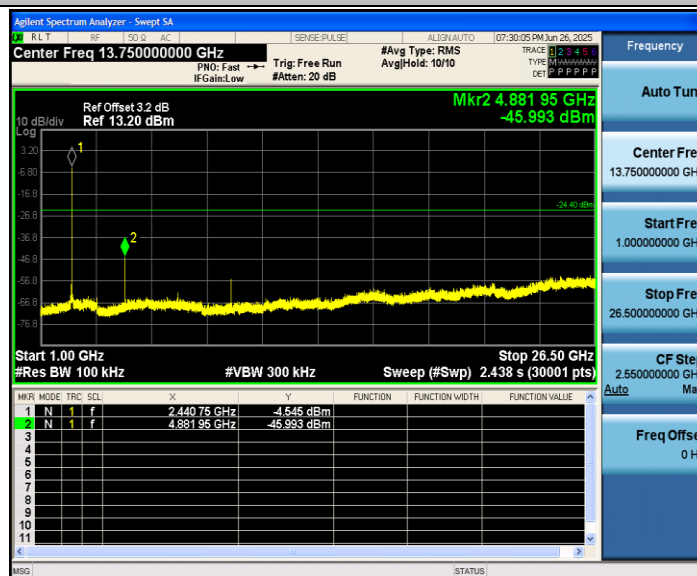
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



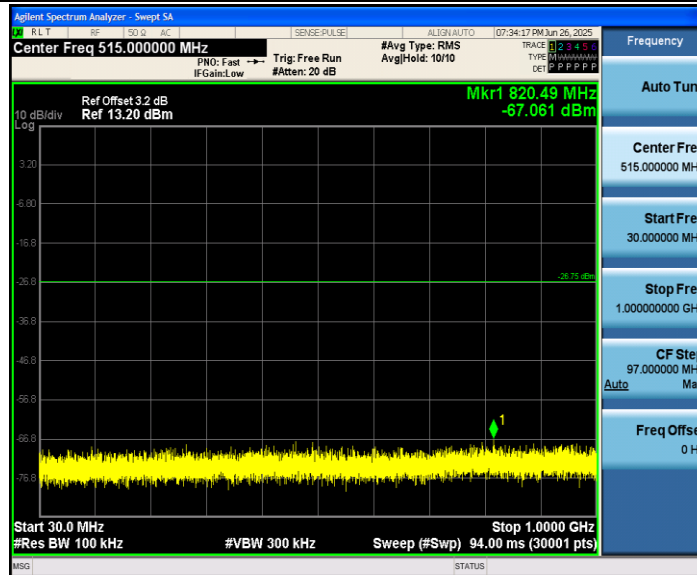
2DH5_Ant1_2441_1000~26500



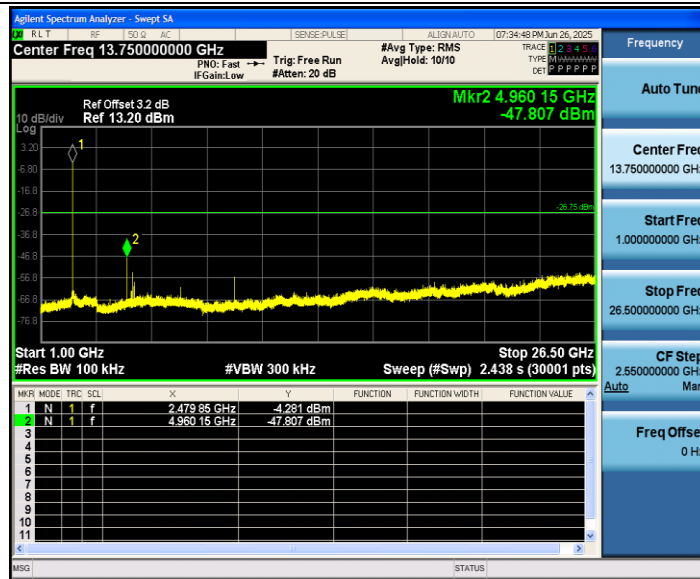
2DH5_Ant1_2480_0~Reference



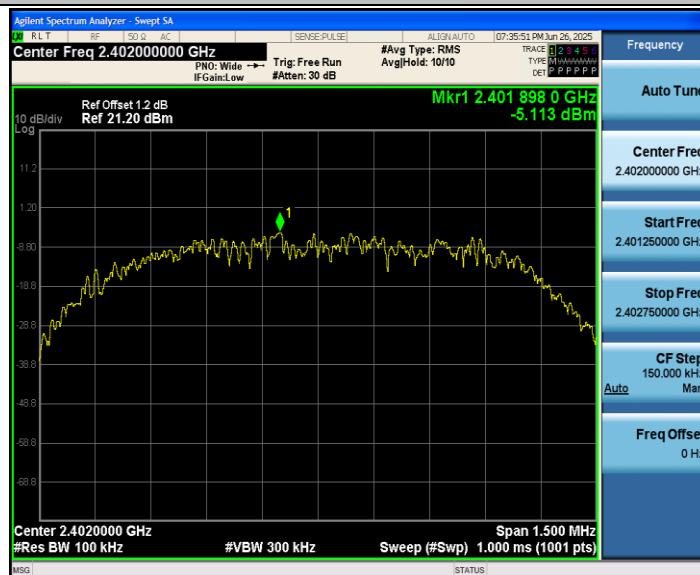
2DH5_Ant1_2480_30~1000



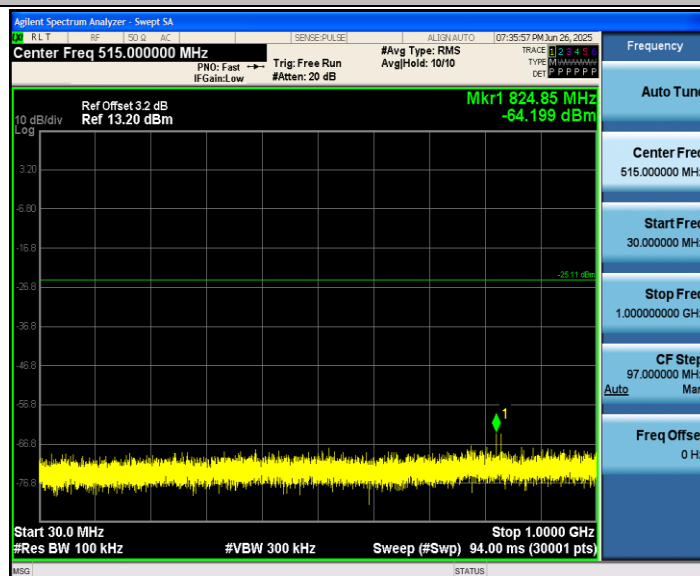
2DH5_Ant1_2480_1000~26500



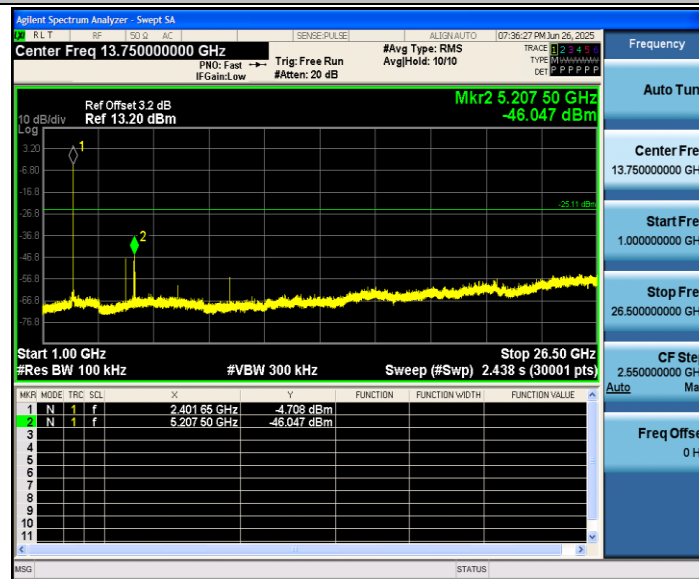
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



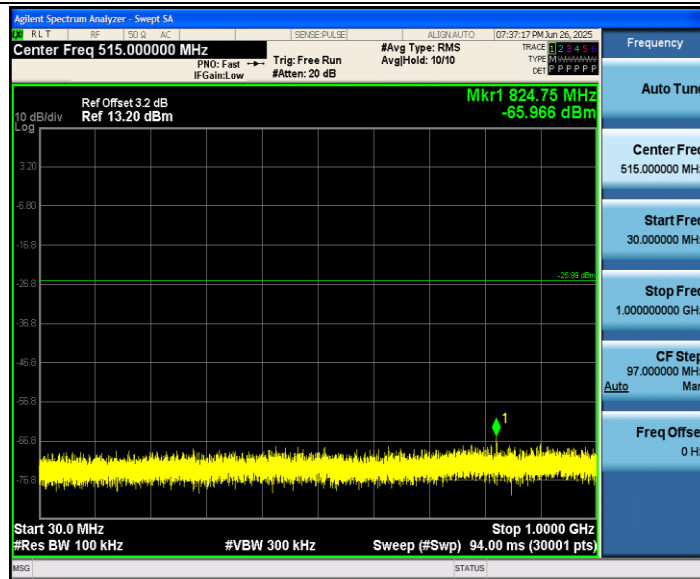
3DH5_Ant1_2402_1000~26500



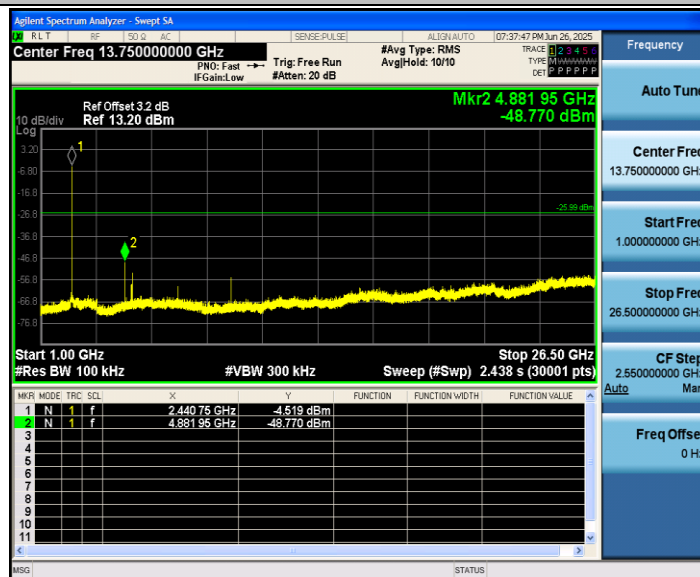
3DH5_Ant1_2441_0~Reference



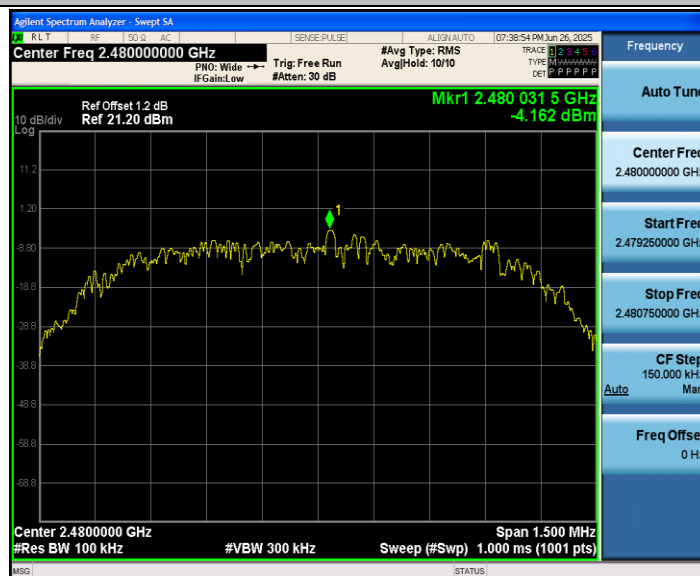
3DH5_Ant1_2441_30~1000



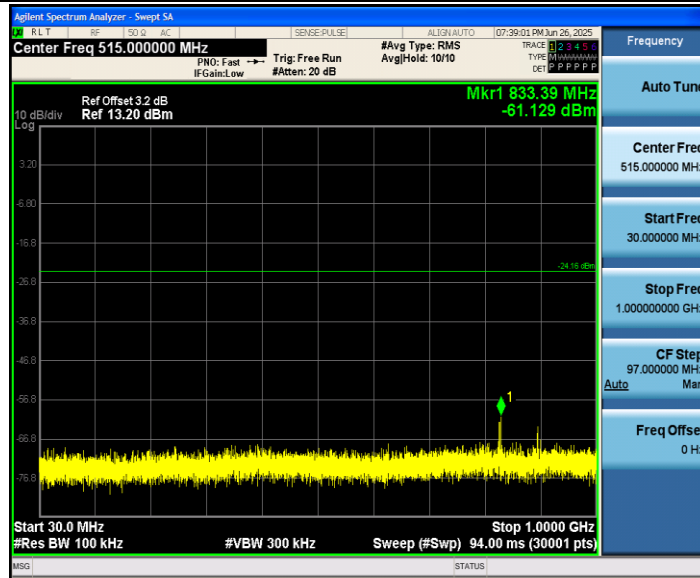
3DH5_Ant1_2441_1000~26500



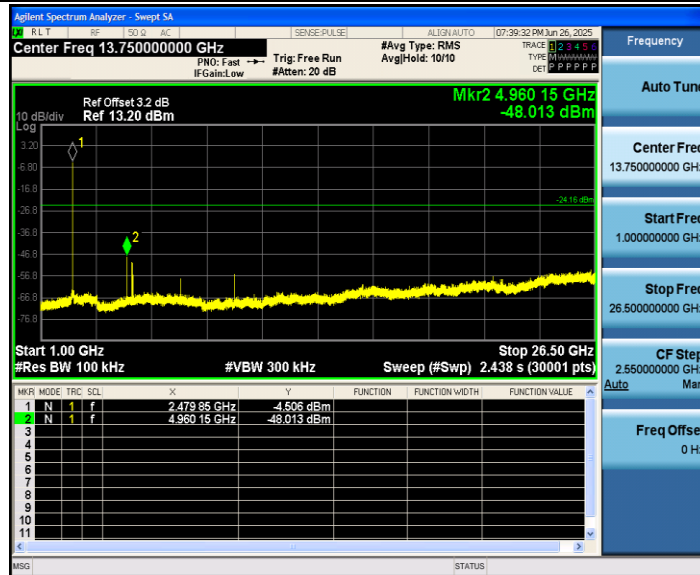
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---
3DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.92	3.75	77.87	1.09	---	---

The figure displays two screenshots of the Agilent Spectrum Analyzer interface, showing signal analysis results for two different antennas.

Screenshot 1: DH5_Ant1_2402

Center Freq: 2.402000000 GHz
Ref Offset: 1.2 dB
Ref: 20.00 dBm
Trig Delay: 200.0 μs
Avg Type: RMS
Trace: 2, 3, 4, 5
Type: WWWWWWWW
DET: P P P P P P
#Attenuation: 30 dB
ΔMkr3: 3.750 ms, 0.15 dB

Frequency Settings:

- Auto Tune
- Center Freq: 2.402000000 GHz
- Start Freq: 2.402000000 GHz
- Stop Freq: 2.402000000 GHz
- CF Step: 8.000000 MHz
- Freq Offset: 0 Hz

Measurement Data:

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	-180.0 μs	-17.25 dBm			
2	Δ1	1	t	(Δ)	2.910 ms (Δ)	17.90 dB		
3	Δ1	1	t	(Δ)	3.750 ms (Δ)	0.15 dB		

Screenshot 2: DH5_Ant1_2441

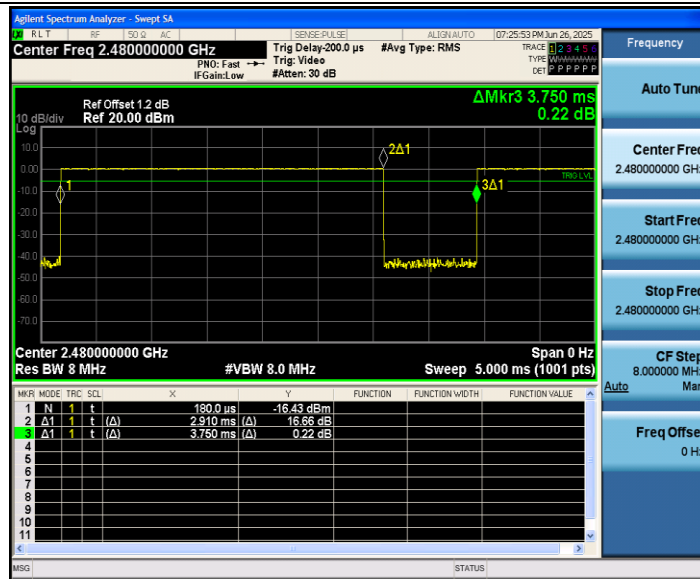
Center Freq: 2.441000000 GHz
Ref Offset: 1.2 dB
Ref: 20.00 dBm
Trig Delay: 200.0 μs
Avg Type: RMS
Trace: 2, 3, 4, 5
Type: WWWWWWWW
DET: P P P P P P
#Attenuation: 30 dB
ΔMkr3: 3.750 ms, -0.02 dB

Frequency Settings:

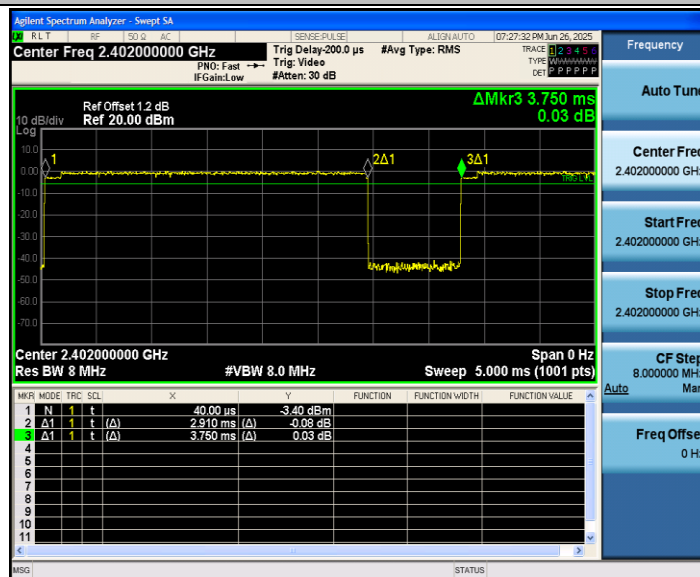
- Auto Tune
- Center Freq: 2.441000000 GHz
- Start Freq: 2.441000000 GHz
- Stop Freq: 2.441000000 GHz
- CF Step: 8.000000 MHz
- Freq Offset: 0 Hz

Measurement Data:

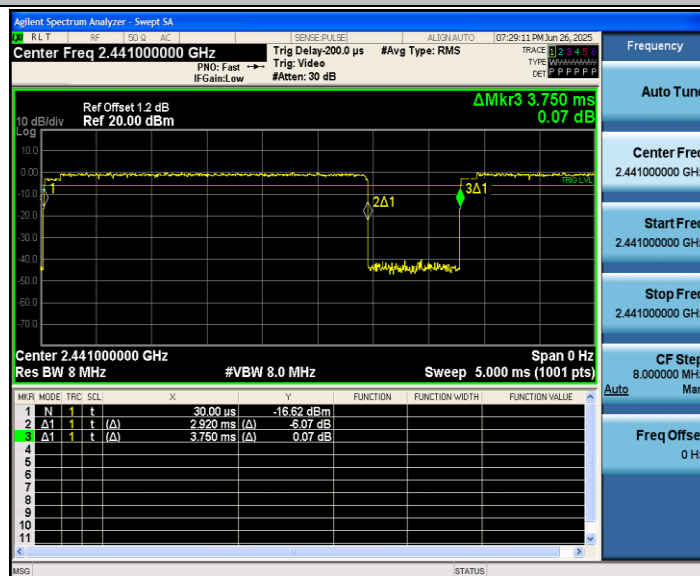
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	190.0 μs	-1.25 dBm			
2	Δ1	1	t	(Δ)	2.910 ms (Δ)	-43.46 dB		
3	Δ1	1	t	(Δ)	3.750 ms (Δ)	-0.02 dB		



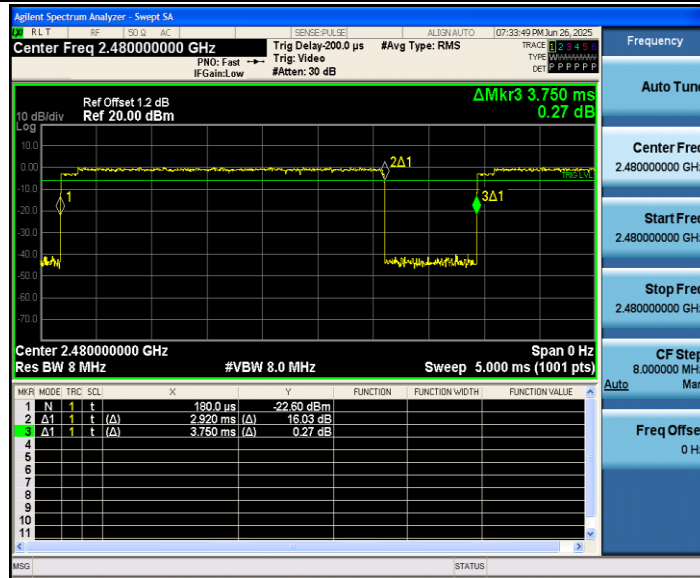
2DH5_Ant1_2402



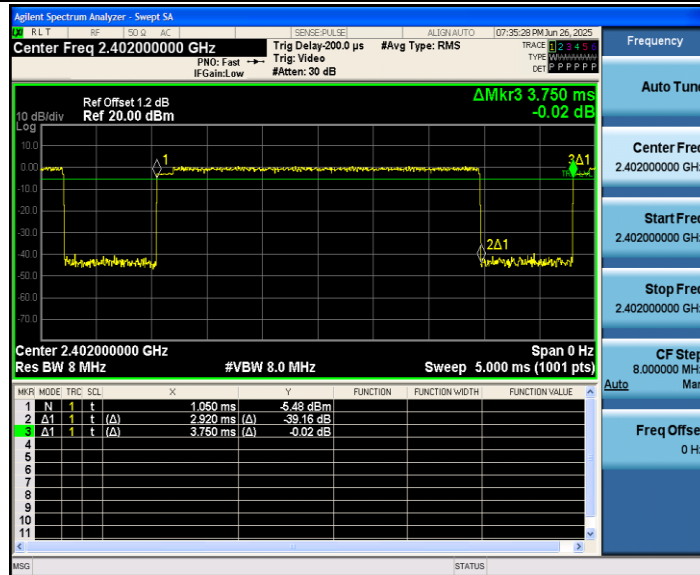
2DH5_Ant1_2441



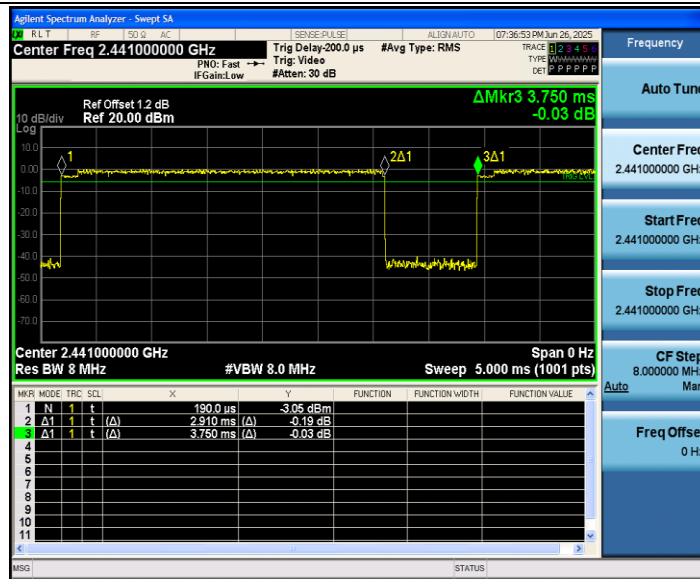
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

