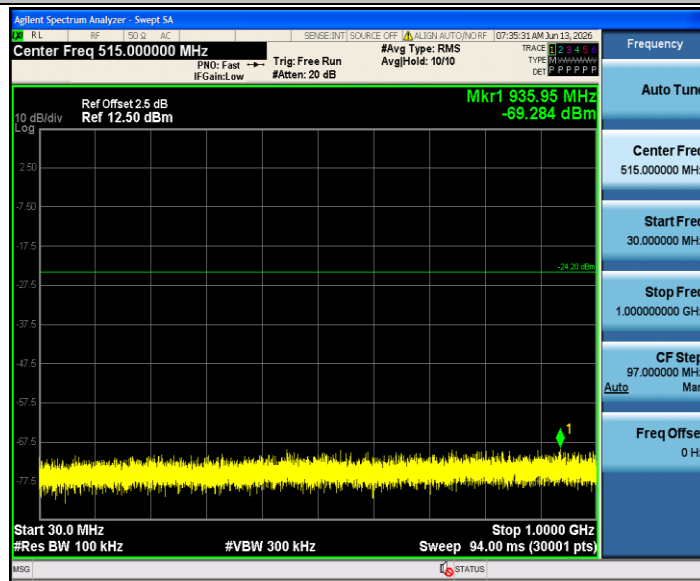
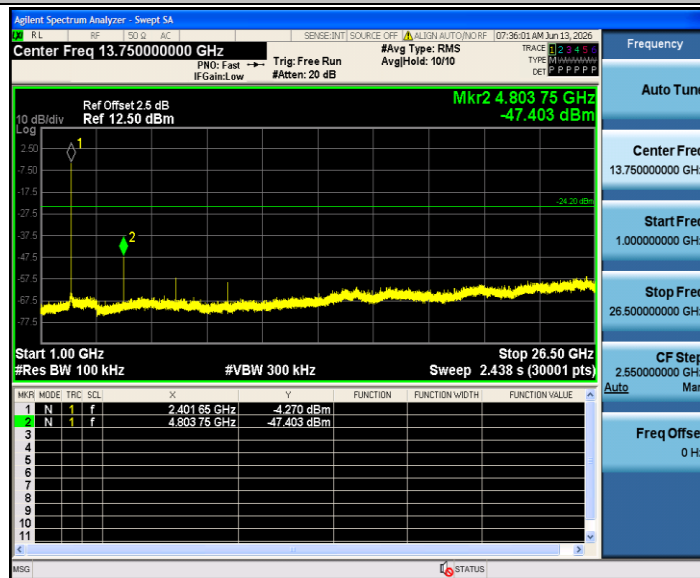


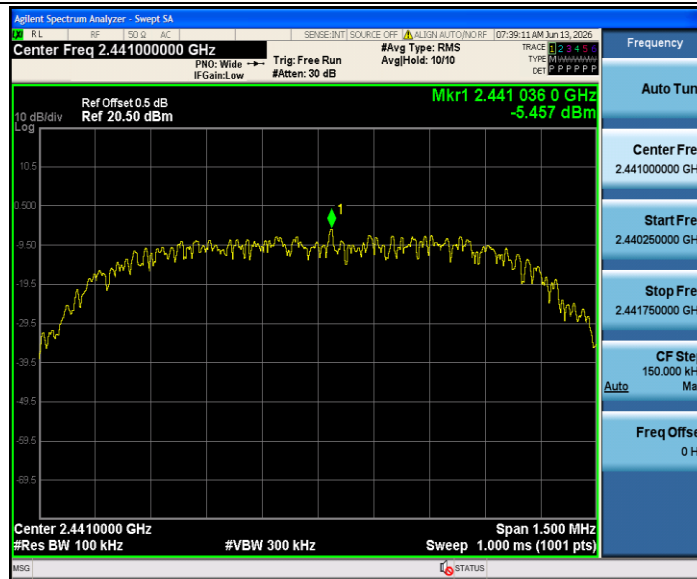
2DH5_Ant1_2402_30~1000



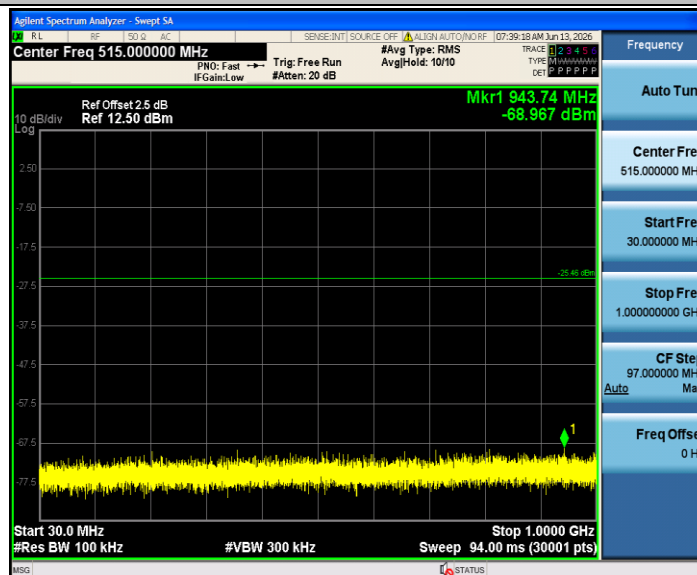
2DH5_Ant1_2402_1000~26500



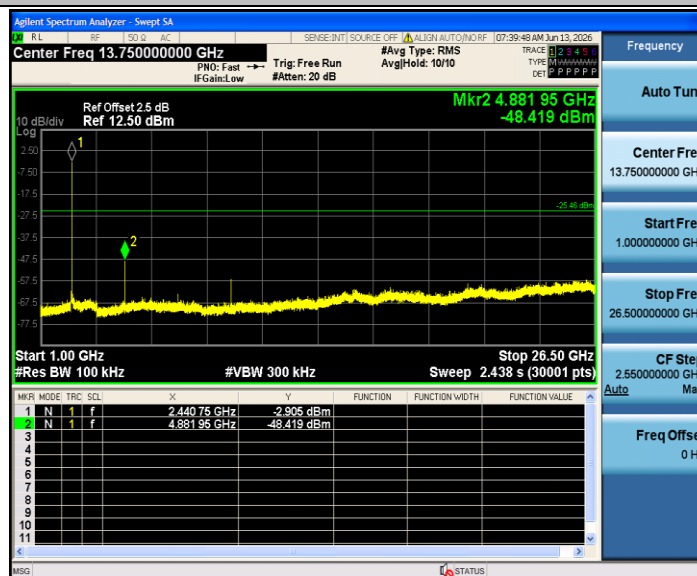
2DH5_Ant1_2441_0~Reference



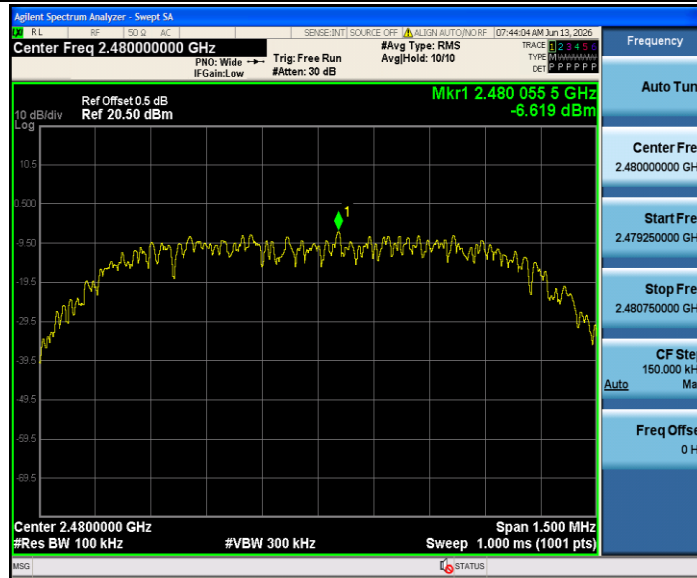
2DH5_Ant1_2441_30~1000



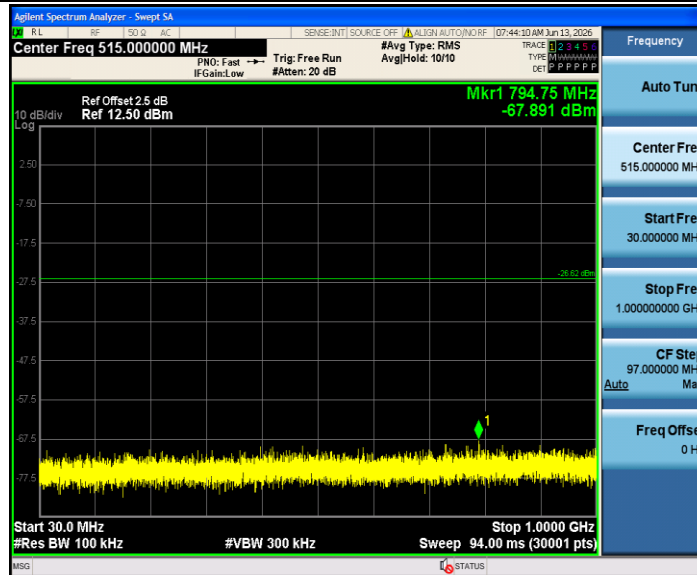
2DH5_Ant1_2441_1000~26500



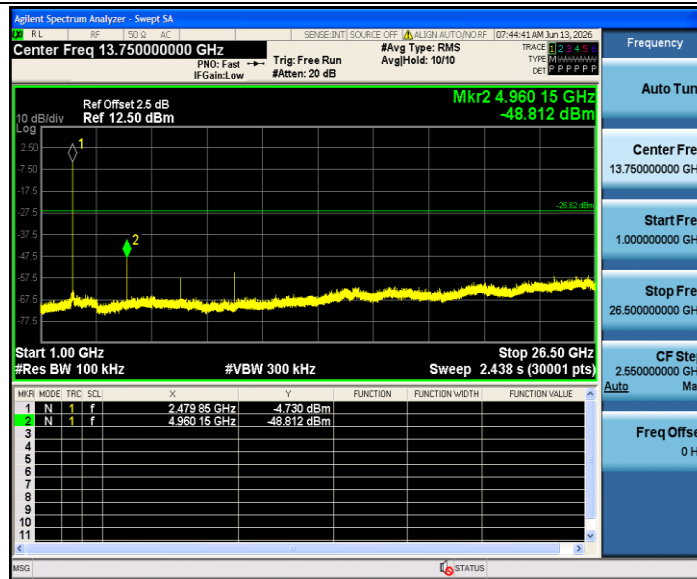
2DH5_Ant1_2480_0~Reference



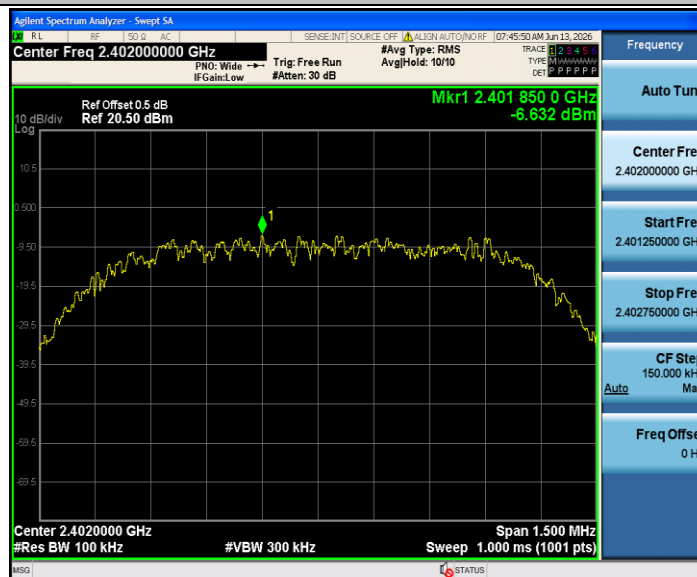
2DH5_Ant1_2480_30~1000



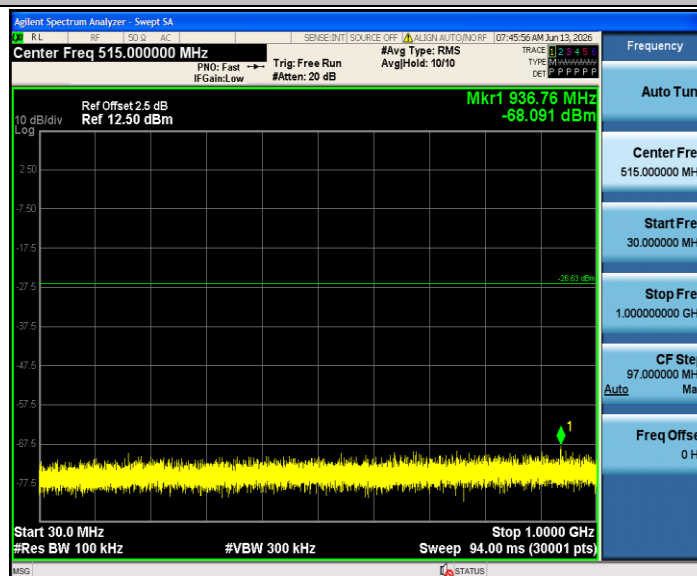
2DH5_Ant1_2480_1000~26500



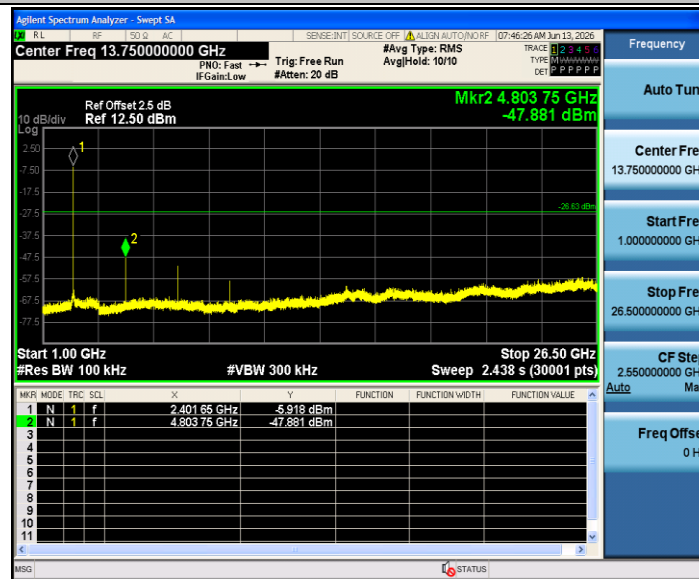
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



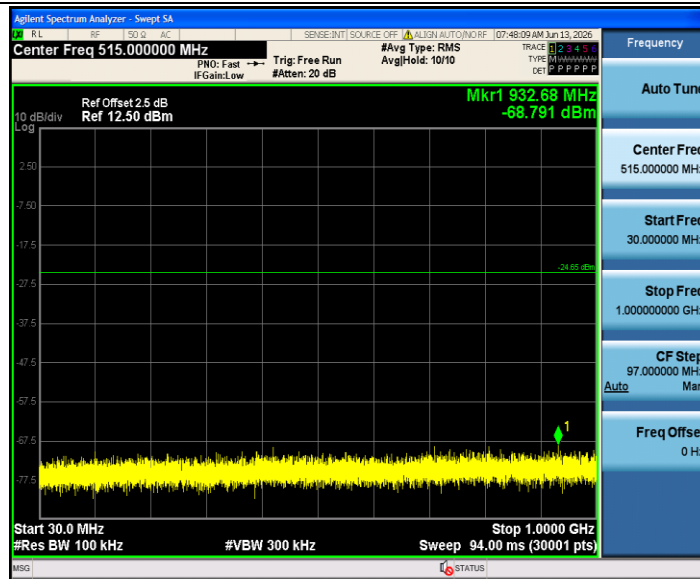
3DH5_Ant1_2402_1000~26500



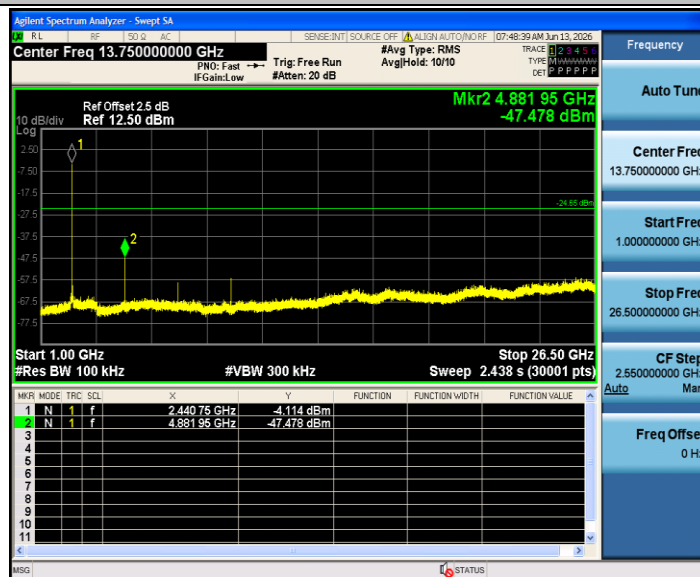
3DH5_Ant1_2441_0~Reference



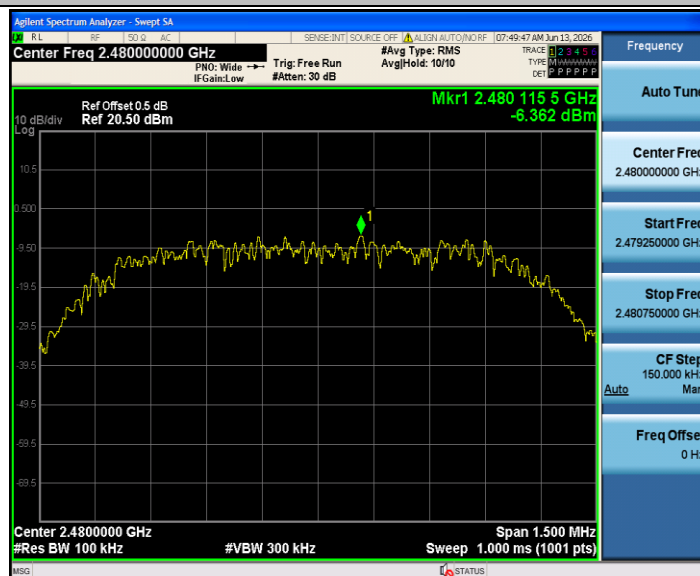
3DH5_Ant1_2441_30~1000



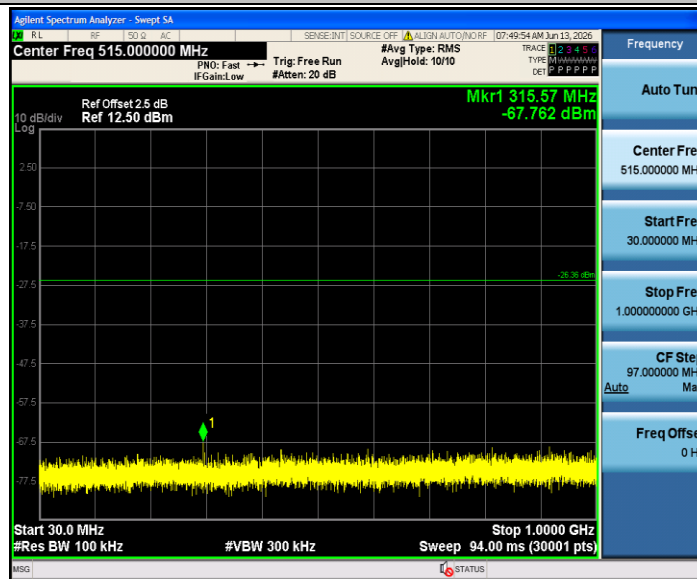
3DH5_Ant1_2441_1000~26500



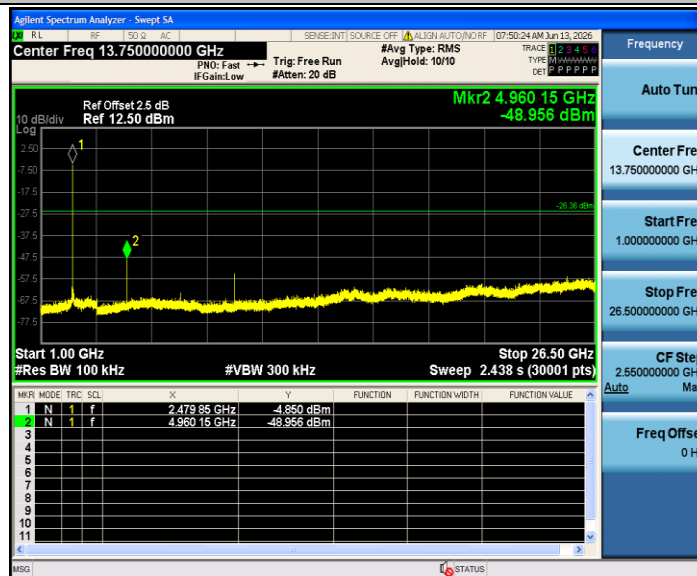
3DH5_Ant1_2480_0~Reference



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	2.92	3.74	78.07	1.08	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---
3DH5	Ant1	2402	2.92	3.76	77.66	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.74	78.07	1.08	---	---

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.5 dB Ref 10.50 dBm

ΔMkr3 3.750 ms 4.88 dB

10 dB/div Log

Center 2.402000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 7.000 ms (1001 pts)

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		1.980 ms			-9.89 dBm
2	Δ1	1	t	(Δ)	2.910 ms (Δ)			-10.46 dB
3	Δ1	1	t	(Δ)	3.750 ms (Δ)			4.88 dB

Frequency

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

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.5 dB Ref 10.50 dBm

ΔMkr3 3.750 ms 4.61 dB

10 dB/div Log

Center 2.441000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 7.000 ms (1001 pts)

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		1.980 ms			-12.50 dBm
2	Δ1	1	t	(Δ)	2.910 ms (Δ)			1.52 dB
3	Δ1	1	t	(Δ)	3.750 ms (Δ)			4.61 dB

Frequency

Auto Tune

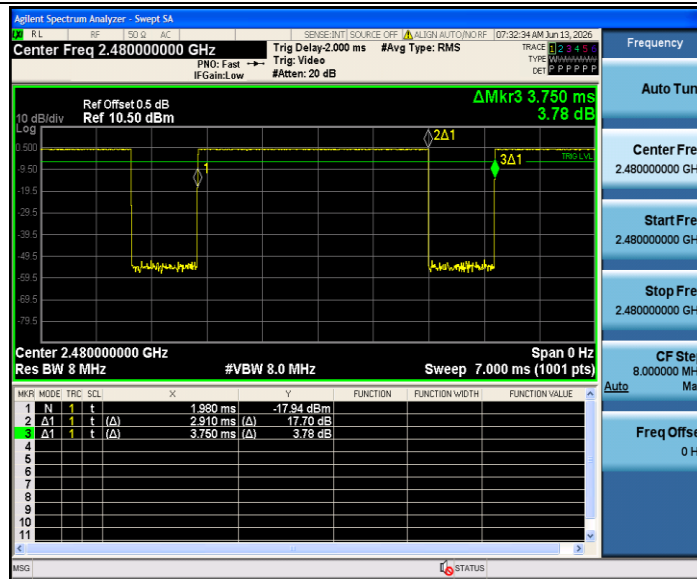
Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

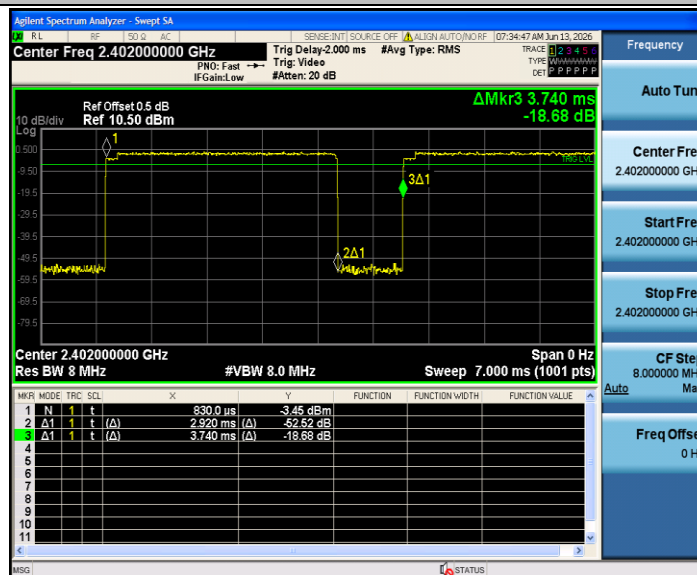
Stop Freq 2.441000000 GHz

CF Step 8.000000 MHz

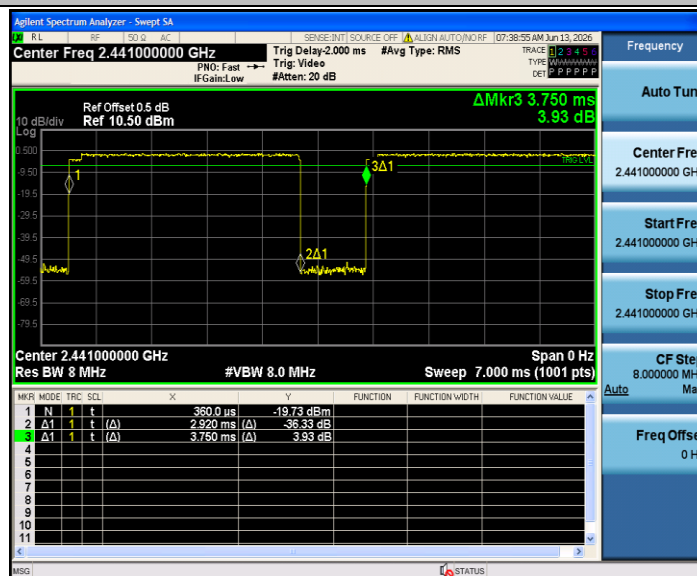
Freq Offset 0 Hz



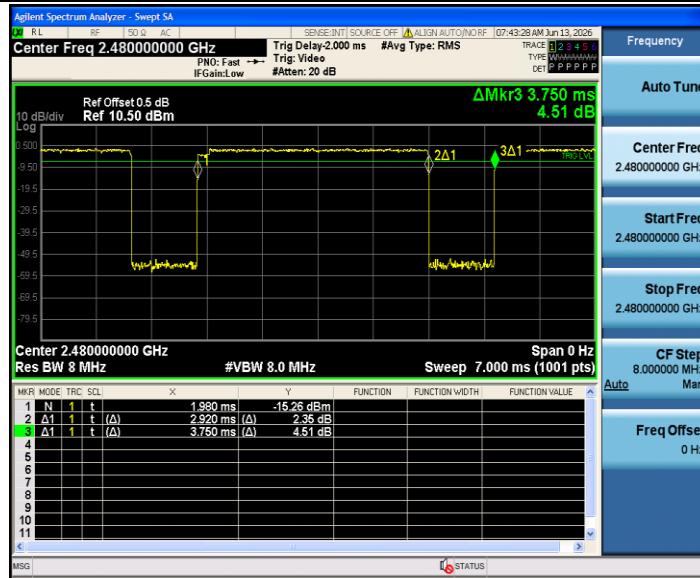
2DH5_Ant1_2402



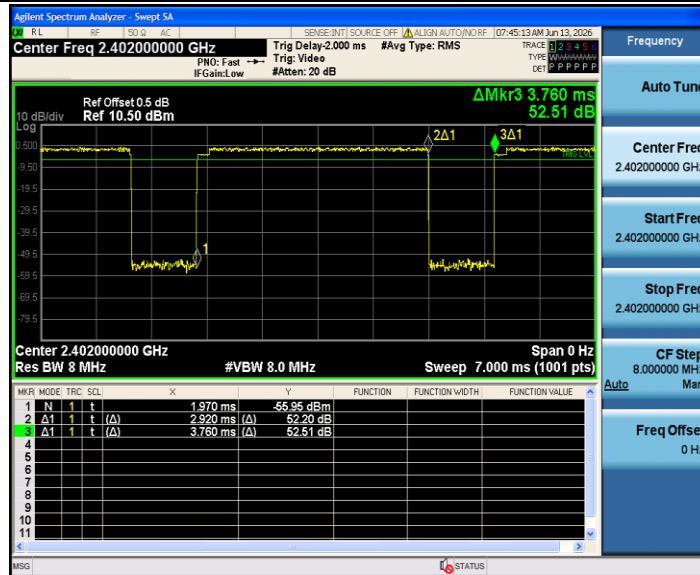
2DH5_Ant1_2441



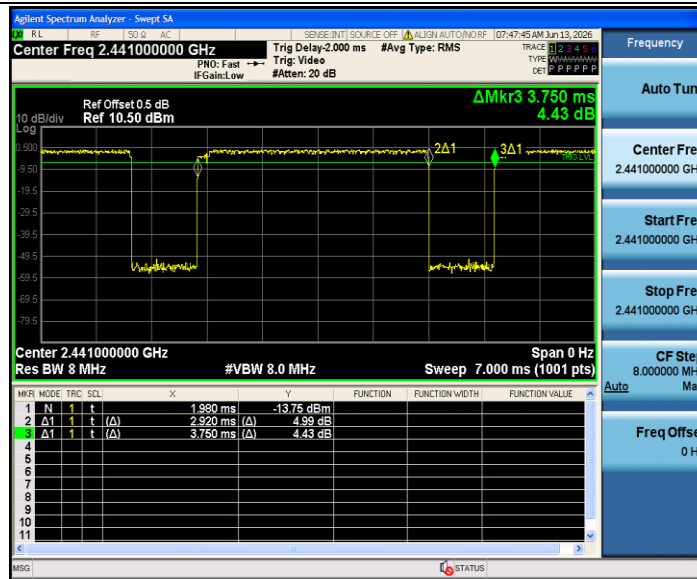
2DH5_Ant1_2480



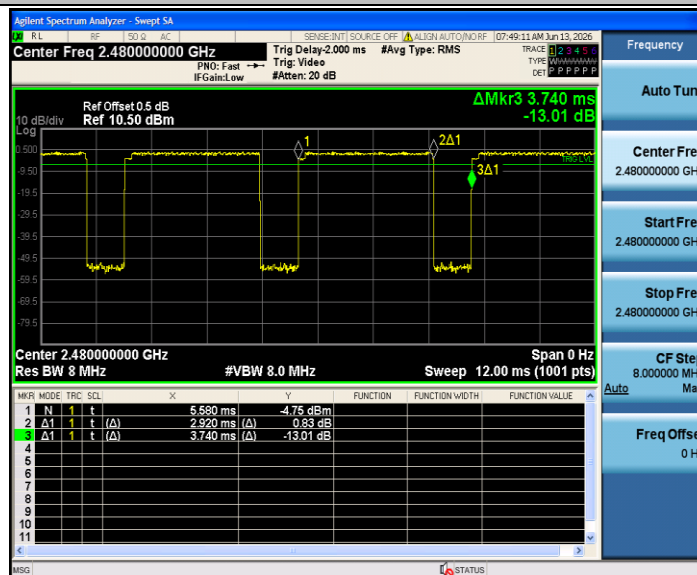
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

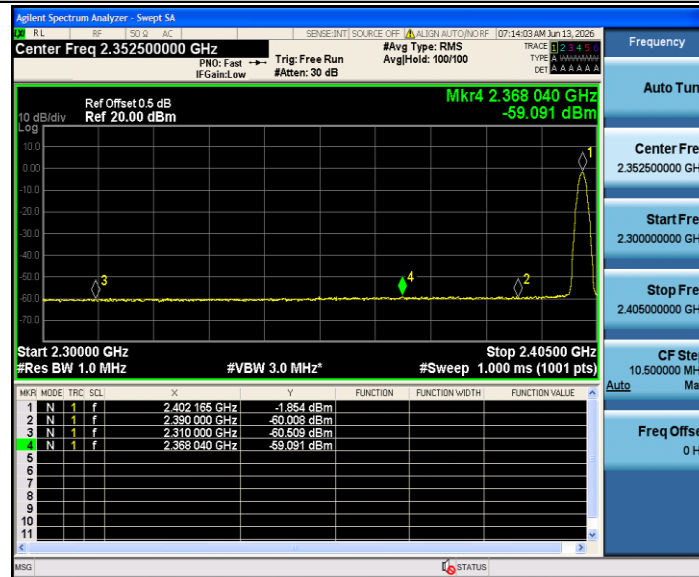
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.51	3.20	1.10	38.99	≤54	PASS
				AV	2368.040	-59.09	3.20	1.10	40.41	≤54	PASS
				AV	2390.000	-60.01	3.20	1.10	39.49	≤54	PASS
				Peak	2310.000	-51.15	3.20	0.00	47.25	≤74	PASS
				Peak	2388.305	-49.09	3.20	0.00	49.31	≤74	PASS
				Peak	2390.000	-51.49	3.20	0.00	46.91	≤74	PASS
		High	2480	AV	2483.500	-58.72	3.20	1.10	40.78	≤54	PASS
				AV	2483.920	-57.75	3.20	1.10	41.75	≤54	PASS
				AV	2500.000	-59.54	3.20	1.10	39.96	≤54	PASS
				Peak	2483.500	-51.36	3.20	0.00	47.04	≤74	PASS
				Peak	2484.720	-43.27	3.20	0.00	55.13	≤74	PASS
				Peak	2500.000	-50.73	3.20	0.00	47.67	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.18	3.20	1.08	39.3	≤54	PASS
				AV	2378.855	-58.67	3.20	1.08	40.81	≤54	PASS
				AV	2390.000	-59.3	3.20	1.08	40.18	≤54	PASS
				Peak	2310.000	-52.04	3.20	0.00	46.36	≤74	PASS
				Peak	2379.905	-48.65	3.20	0.00	49.75	≤74	PASS
				Peak	2390.000	-52.67	3.20	0.00	45.73	≤74	PASS
		High	2480	AV	2483.500	-58.57	3.20	1.09	40.92	≤54	PASS
				AV	2492.160	-58.26	3.20	1.09	41.23	≤54	PASS
				AV	2500.000	-59.23	3.20	1.09	40.26	≤54	PASS
				Peak	2483.500	-50.22	3.20	0.00	48.18	≤74	PASS
				Peak	2484.640	-48.46	3.20	0.00	49.94	≤74	PASS
				Peak	2500.000	-50.52	3.20	0.00	47.88	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-60.41	3.20	1.10	39.09	≤54	PASS
				AV	2377.700	-58.74	3.20	1.10	40.76	≤54	PASS
				AV	2390.000	-59.79	3.20	1.10	39.71	≤54	PASS
				Peak	2310.000	-53.31	3.20	0.00	45.09	≤74	PASS
				Peak	2373.815	-48.68	3.20	0.00	49.72	≤74	PASS
				Peak	2390.000	-52.74	3.20	0.00	45.66	≤74	PASS
		High	2480	AV	2483.500	-58.64	3.20	1.08	40.84	≤54	PASS
				AV	2484.000	-58.16	3.20	1.08	41.32	≤54	PASS
				AV	2500.000	-58.92	3.20	1.08	40.56	≤54	PASS
				Peak	2483.500	-49.41	3.20	0.00	48.99	≤74	PASS
				Peak	2487.600	-48.18	3.20	0.00	50.22	≤74	PASS
				Peak	2500.000	-51.05	3.20	0.00	47.35	≤74	PASS

Note:

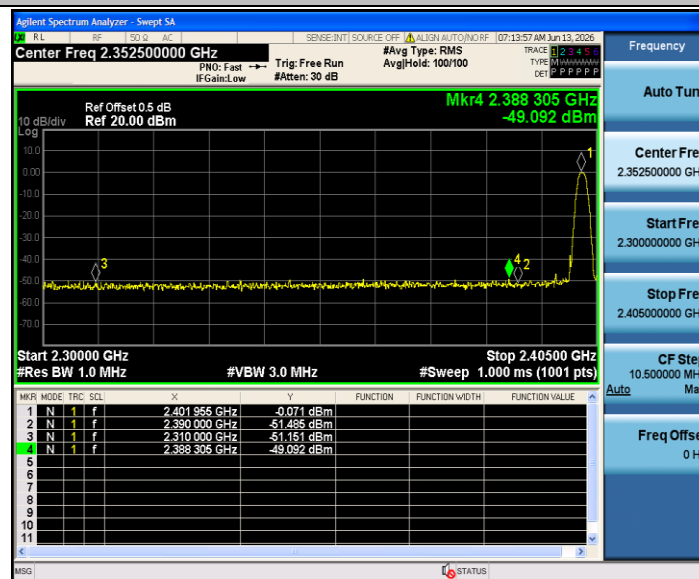
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

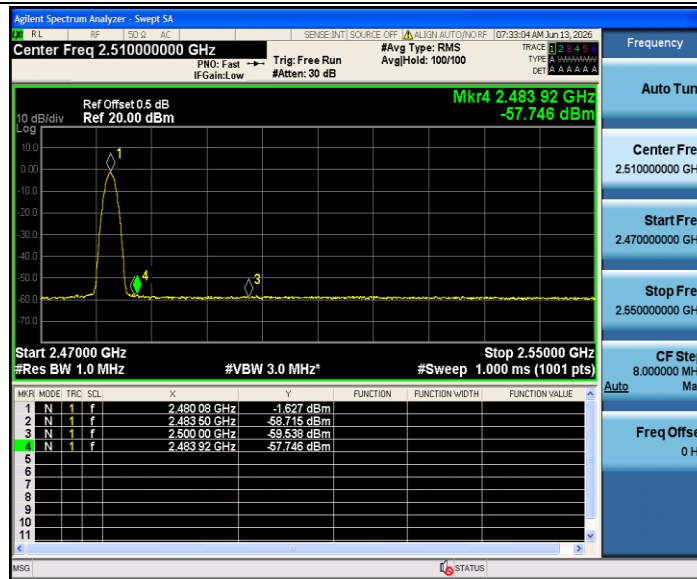
DH5_Ant1_Low_2402_AV



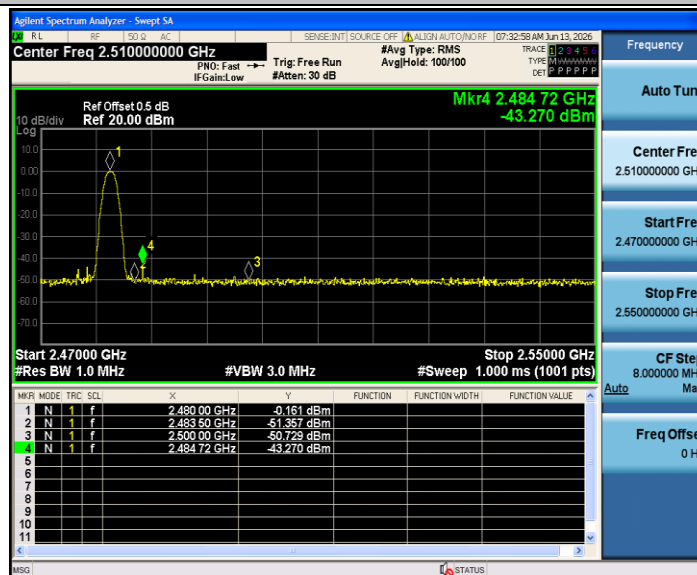
DH5_Ant1_Low_2402_Peak



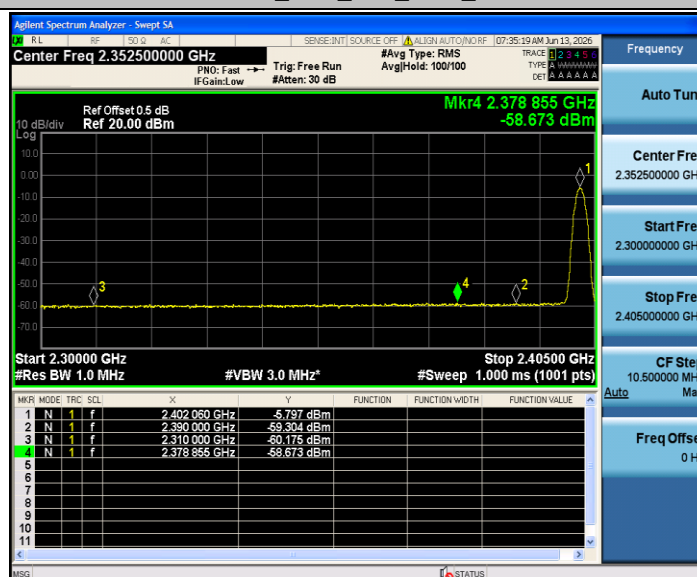
DH5_Ant1_High_2480_AV



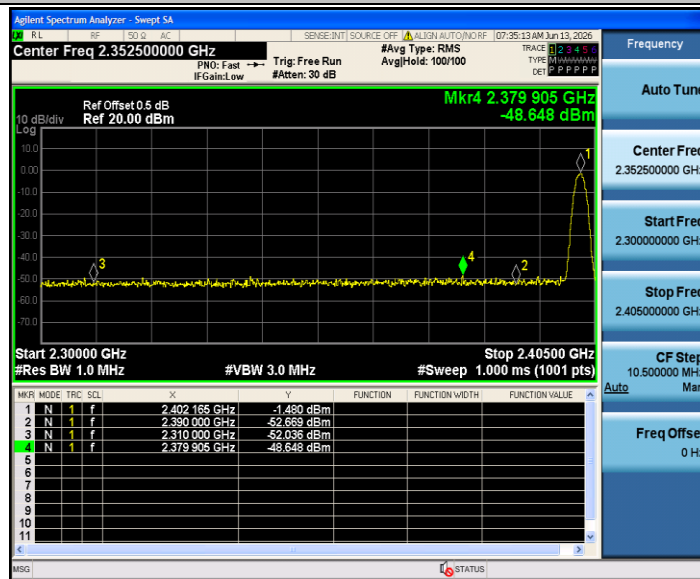
DH5_Ant1_High_2480_Peak



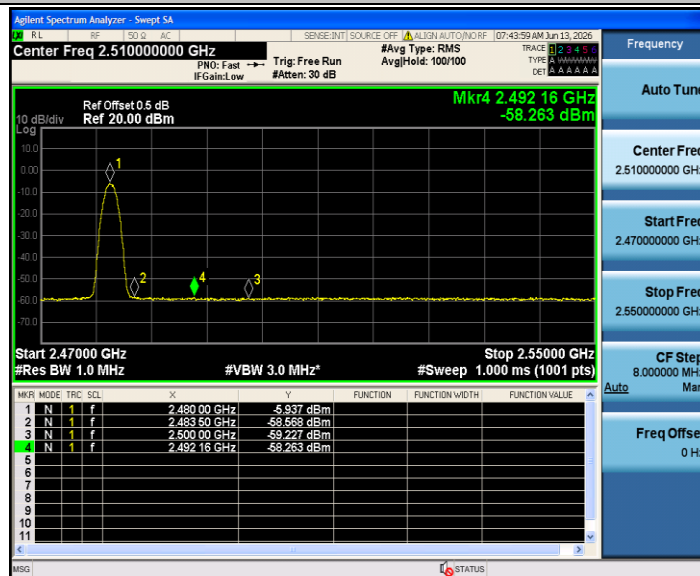
2DH5_Ant1_Low_2402_AV



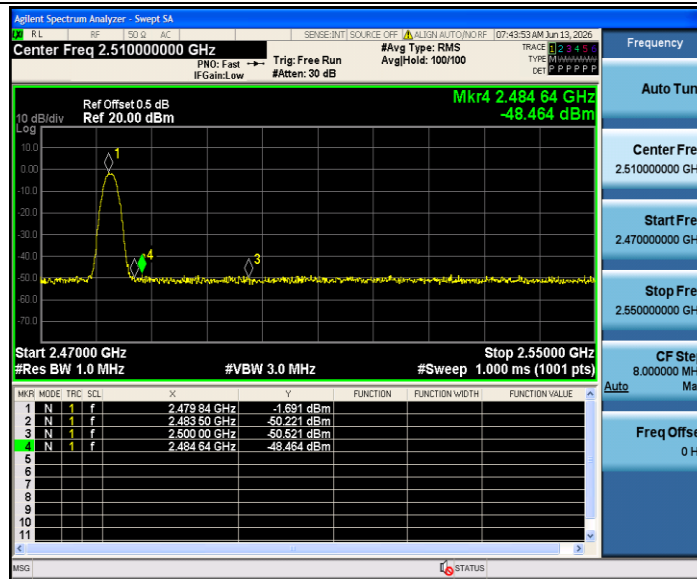
2DH5_Ant1_Low_2402_Peak



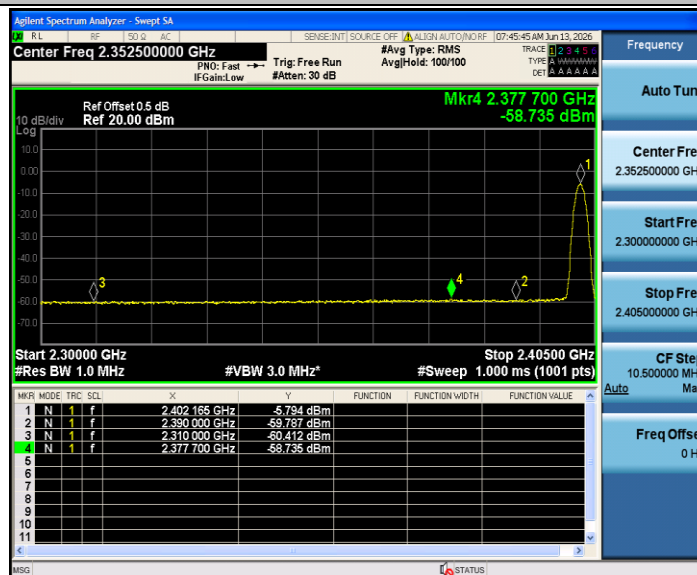
2DH5_Ant1_High_2480_AV



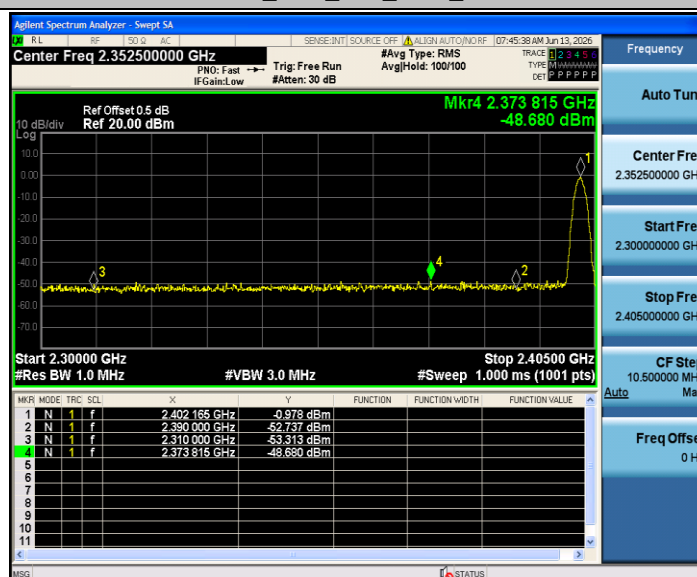
2DH5_Ant1_High_2480_Peak



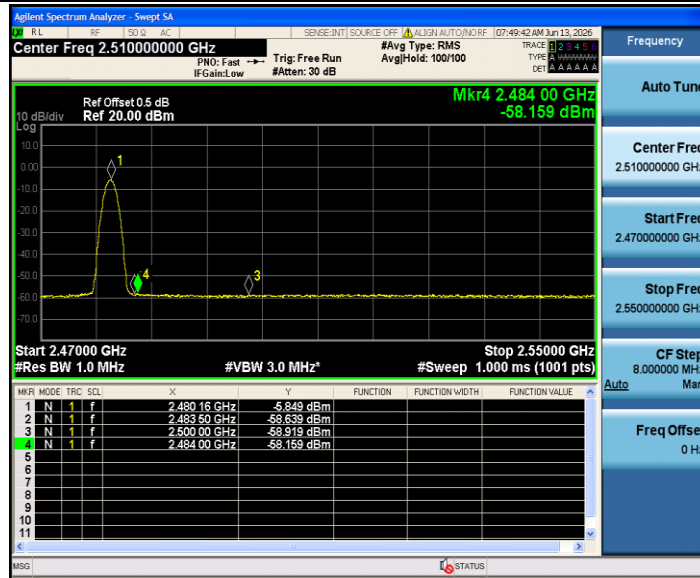
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

