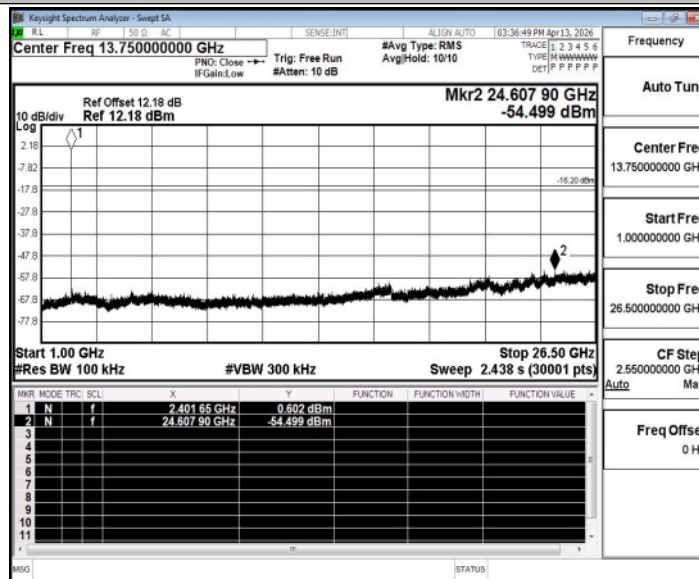
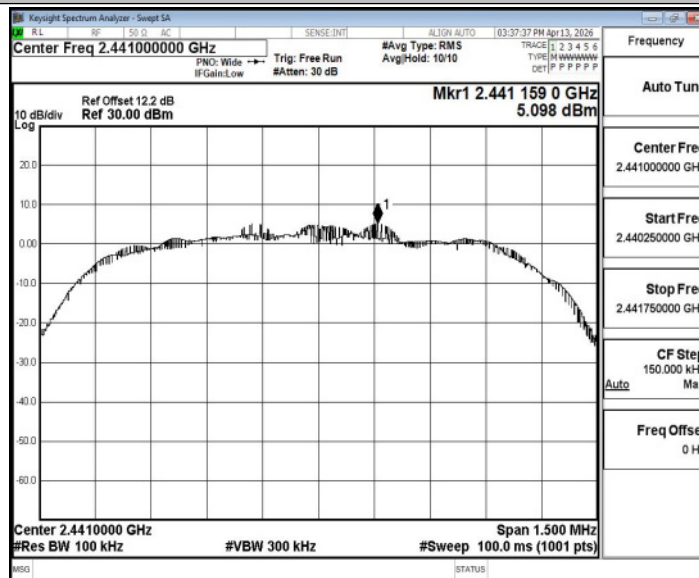


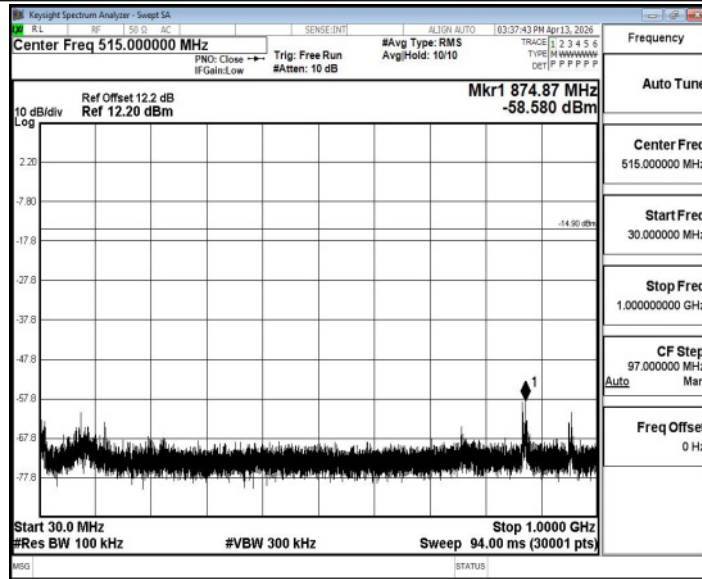
3DH5_Ant1_2402_1000~26500



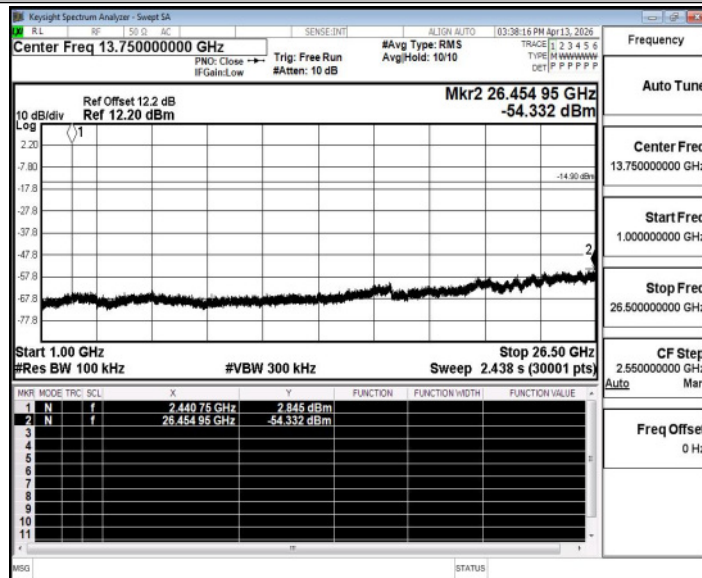
3DH5_Ant1_2441_0~Reference



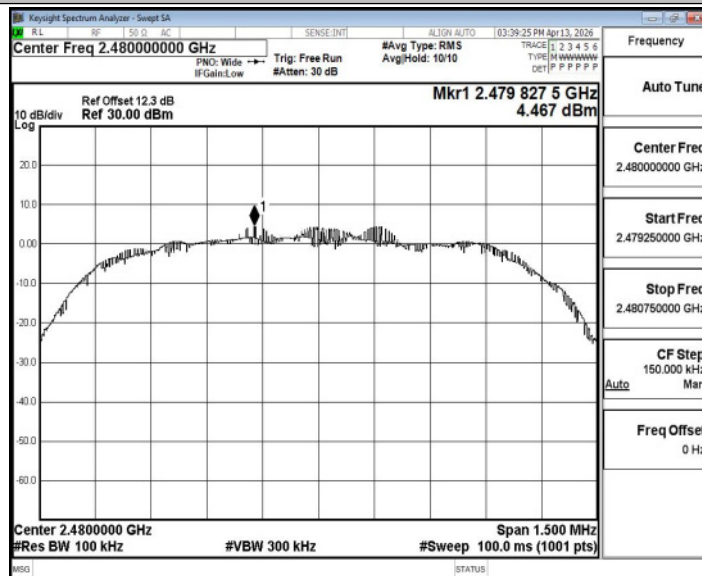
3DH5_Ant1_2441_30~1000

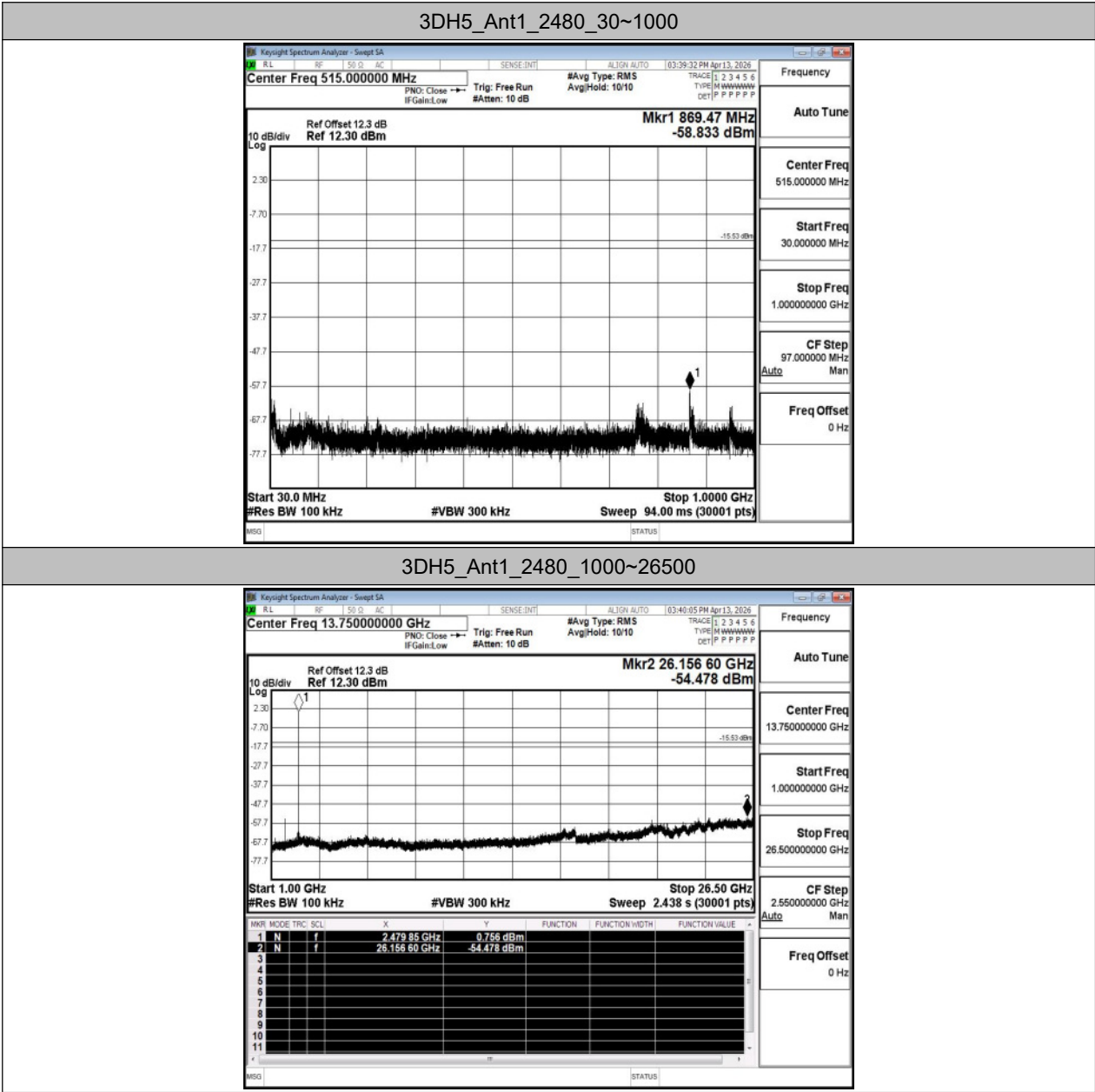


3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference





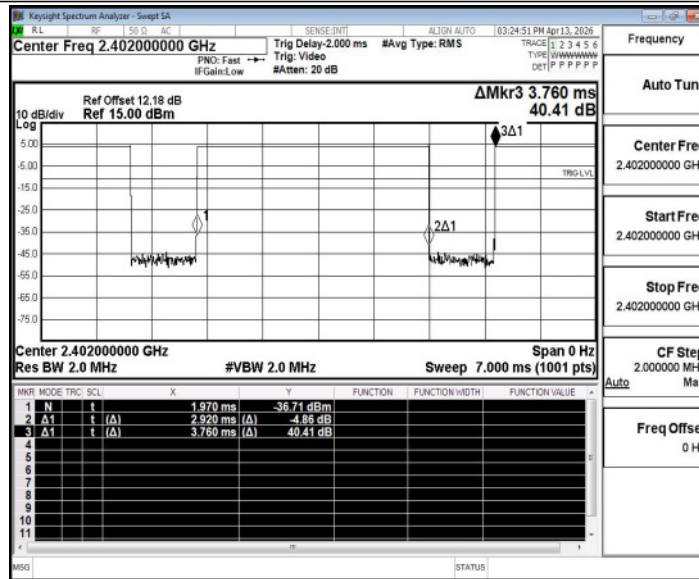
A.8 Duty Cycle

Test Result

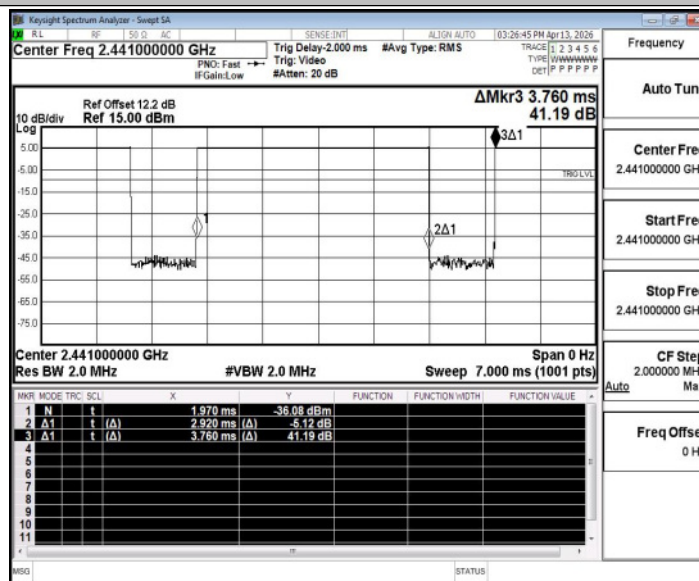
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.92	3.76	77.66	1.10	---	---
		2441	2.92	3.76	77.66	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant1	2402	2.90	3.75	77.33	1.12	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.90	3.76	77.13	1.13	---	---
3DH5	Ant1	2402	2.90	3.75	77.33	1.12	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.90	3.76	77.13	1.13	---	---

Test Graphs

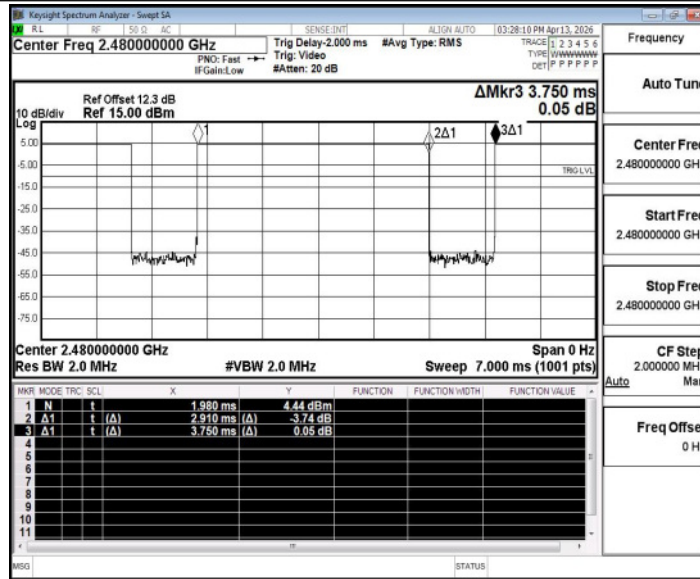
DH5_Ant1_2402



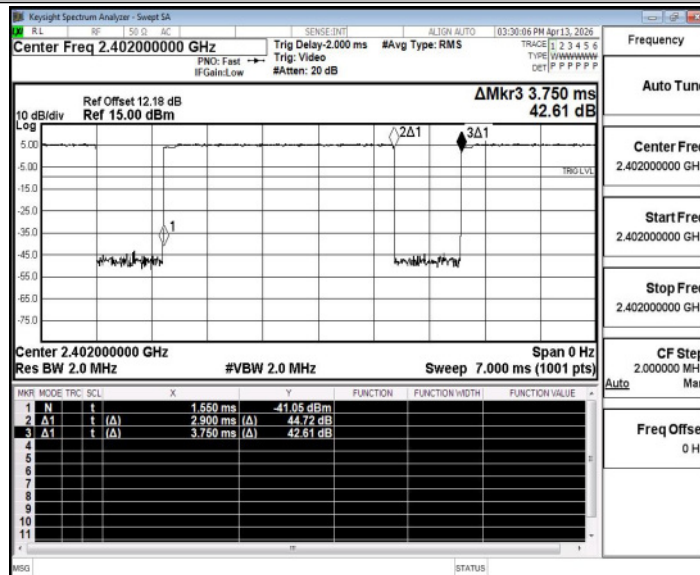
DH5_Ant1_2441



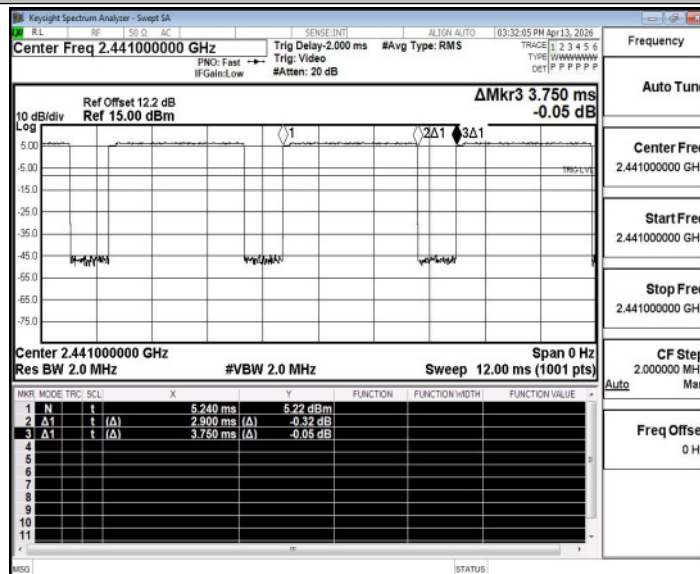
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



Keysight Spectrum Analyzer - Sweep SA

Center Freq 2.480000000 GHz

Ref Offset 12.3 dB
Ref 15.00 dBm

Trig Delay: 2.000 ms
Trig: Video
IF Gain: Low
#Avg Type: RMS
#Att: 20 dB

ΔMr3 3.760 ms
46.45 dB

Center 2.480000000 GHz
Res BW 2.0 MHz
Sweep 7.000 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	t		150.0 μs	-41.93 dBm			
2	Δ1	t	(Δ)	2.990 ms (Δ)	46.13 dB			
3	Δ1	t	(Δ)	3.760 ms (Δ)	46.45 dB			

Keysight Spectrum Analyzer - Sweep SA

RF: 2.402000000 GHz

Trig Delay: 2.000 ms

#Avg Type: RMS

Trig: Fast

IF Gain: Low

#Atten: 20 dB

Center Freq 2.402000000 GHz

Span 0 Hz

Res BW 2.0 MHz

#VBW 2.0 MHz

Sweep 7.000 ms (1001 pts)

Ref Offset 12.18 dB

Ref 15.00 dBm

ΔMkr3 3.750 ms

3.58 dB

Log

1

2Δ1

3Δ1

TRIG LVL

Center Freq 2.402000000 GHz

Span 0 Hz

Res BW 2.0 MHz

#VBW 2.0 MHz

Sweep 7.000 ms (1001 pts)

Ref Offset 12.18 dB

Ref 15.00 dBm

ΔMkr3 3.750 ms

3.58 dB

Log

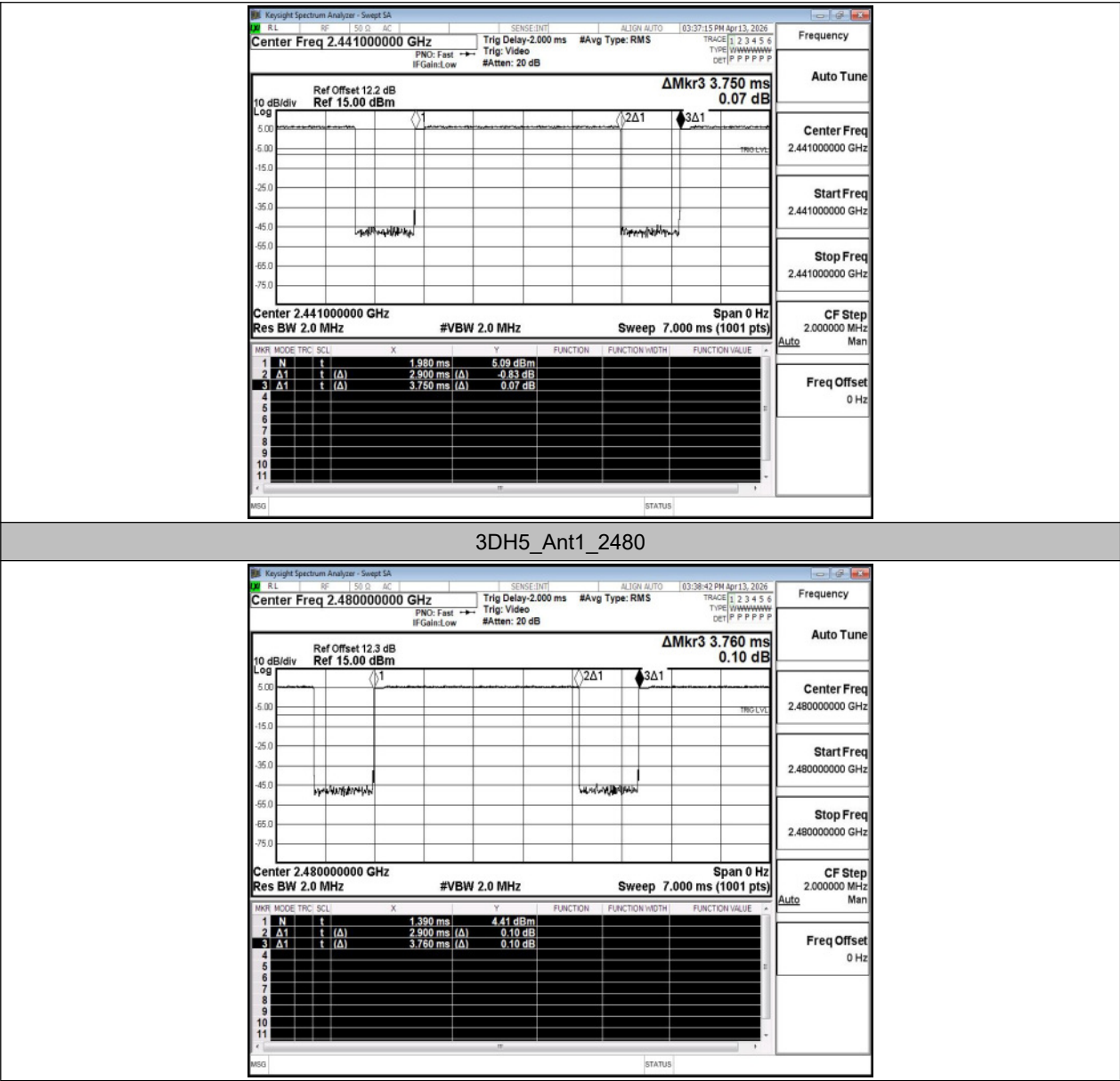
1

2Δ1

3Δ1

TRIG LVL

Guangzhou LCS Compliance Testing Laboratory Ltd.
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com



A.9 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	Channel Name	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.47	≤-44.30	2.00	1.10	37.83	≤54	PASS
				AV	2359.955	-59.95	≤-44.30	2.00	1.10	38.35	≤54	PASS
				AV	2390.000	-60.79	≤-44.30	2.00	1.10	37.51	≤54	PASS
				Peak	2310.000	-53.83	≤-23.20	2.00	0.00	43.37	≤74	PASS
				Peak	2333.915	-49.93	≤-23.20	2.00	0.00	47.27	≤74	PASS
				Peak	2390.000	-52.49	≤-23.20	2.00	0.00	44.71	≤74	PASS
		High	2480	AV	2483.500	-58.83	≤-44.30	2.00	1.10	39.47	≤54	PASS
				AV	2483.920	-58.62	≤-44.30	2.00	1.10	39.68	≤54	PASS
				AV	2500.000	-60.93	≤-44.30	2.00	1.10	37.37	≤54	PASS
				Peak	2483.500	-49.82	≤-23.20	2.00	0.00	47.38	≤74	PASS
				Peak	2484.880	-43.87	≤-23.20	2.00	0.00	53.33	≤74	PASS
				Peak	2500.000	-51.62	≤-23.20	2.00	0.00	45.58	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-52.49	≤-23.20	2.00	0.00	44.71	≤74	PASS
				Peak	2359.535	-47	≤-23.20	2.00	0.00	50.20	≤74	PASS
				Peak	2390.000	-51.62	≤-23.20	2.00	0.00	45.58	≤74	PASS
		High	Hop_2480	Peak	2483.500	-51.66	≤-23.20	2.00	0.00	45.54	≤74	PASS
				Peak	2487.280	-49.5	≤-23.20	2.00	0.00	47.70	≤74	PASS
				Peak	2500.000	-51.04	≤-23.20	2.00	0.00	46.16	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-61.08	≤-44.32	2.00	1.12	37.24	≤54	PASS
				AV	2362.475	-59.97	≤-44.32	2.00	1.12	38.35	≤54	PASS
				AV	2390.000	-60.83	≤-44.32	2.00	1.12	37.49	≤54	PASS
				Peak	2310.000	-53.53	≤-23.20	2.00	0.00	43.67	≤74	PASS
				Peak	2356.385	-50.42	≤-23.20	2.00	0.00	46.78	≤74	PASS
				Peak	2390.000	-52.51	≤-23.20	2.00	0.00	44.69	≤74	PASS
		High	2480	AV	2483.500	-55.72	≤-44.33	2.00	1.13	42.61	≤54	PASS
				AV	2483.600	-55.31	≤-44.33	2.00	1.13	43.02	≤54	PASS
				AV	2500.000	-60.24	≤-44.33	2.00	1.13	38.09	≤54	PASS
				Peak	2483.500	-44.37	≤-23.20	2.00	0.00	52.83	≤74	PASS
				Peak	2483.760	-43.95	≤-23.20	2.00	0.00	53.25	≤74	PASS
				Peak	2500.000	-52	≤-23.20	2.00	0.00	45.20	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-53.59	≤-23.20	2.00	0.00	43.61	≤74	PASS
				Peak	2324.465	-50.15	≤-23.20	2.00	0.00	47.05	≤74	PASS
				Peak	2390.000	-53.24	≤-23.20	2.00	0.00	43.96	≤74	PASS
		High	Hop_2480	Peak	2483.500	-49.93	≤-23.20	2.00	0.00	47.27	≤74	PASS
				Peak	2486.240	-47.04	≤-23.20	2.00	0.00	50.16	≤74	PASS
				Peak	2500.000	-51.92	≤-23.20	2.00	0.00	45.28	≤74	PASS

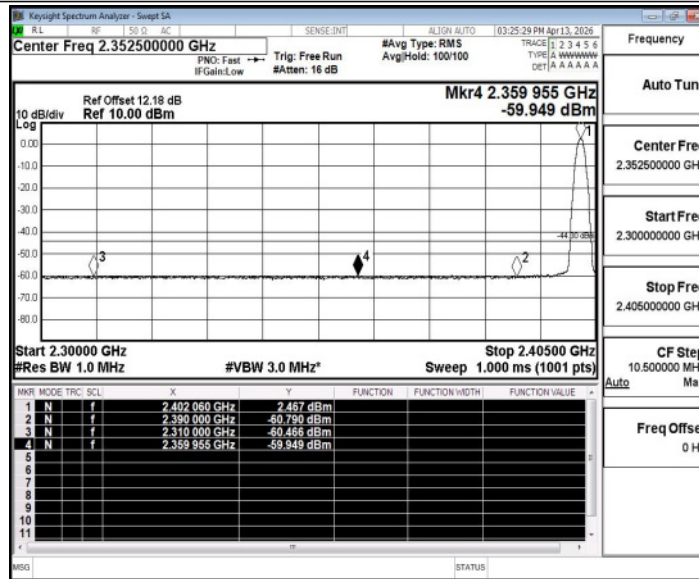
3DH5	Ant1	Low	2402	AV	2310.000	-60.66	≤-44.32	2.00	1.12	37.66	≤54	PASS
				AV	2323.625	-59.77	≤-44.32	2.00	1.12	38.55	≤54	PASS
				AV	2390.000	-60.49	≤-44.32	2.00	1.12	37.83	≤54	PASS
				Peak	2310.000	-53.24	≤-23.20	2.00	0.00	43.96	≤74	PASS
				Peak	2312.915	-50.12	≤-23.20	2.00	0.00	47.08	≤74	PASS
				Peak	2390.000	-52.64	≤-23.20	2.00	0.00	44.56	≤74	PASS
		High	2480	AV	2483.500	-53.35	≤-44.33	2.00	1.13	44.98	≤54	PASS
				AV	2483.520	-53.35	≤-44.33	2.00	1.13	44.98	≤54	PASS
				AV	2500.000	-60.15	≤-44.33	2.00	1.13	38.18	≤54	PASS
				Peak	2483.500	-40.95	≤-23.20	2.00	0.00	56.25	≤74	PASS
				Peak	2483.520	-40.95	≤-23.20	2.00	0.00	56.25	≤74	PASS
				Peak	2500.000	-52.46	≤-23.20	2.00	0.00	44.74	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-52.45	≤-23.20	2.00	0.00	44.75	≤74	PASS
				Peak	2312.495	-49.8	≤-23.20	2.00	0.00	47.40	≤74	PASS
				Peak	2390.000	-52.83	≤-23.20	2.00	0.00	44.37	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-50.98	≤-23.20	2.00	0.00	46.22	≤74	PASS
				Peak	2487.200	-43.8	≤-23.20	2.00	0.00	53.40	≤74	PASS
				Peak	2500.000	-52.25	≤-23.20	2.00	0.00	44.95	≤74	PASS

Note:

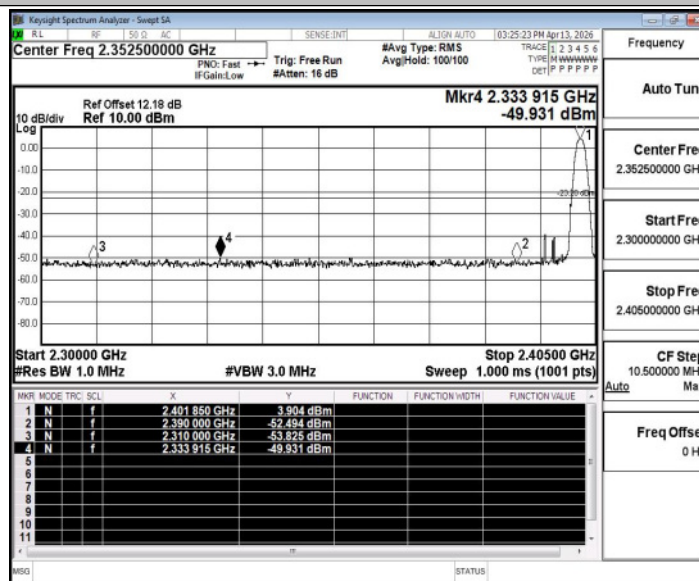
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

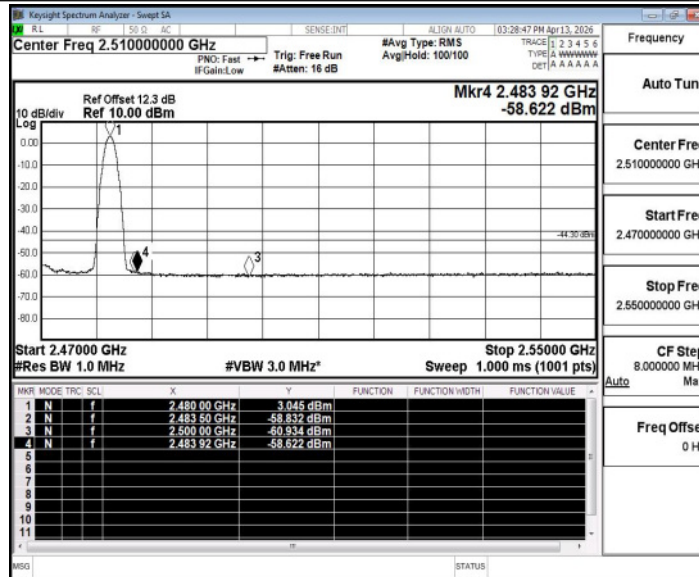
DH5_Ant1_Low_2402_AV



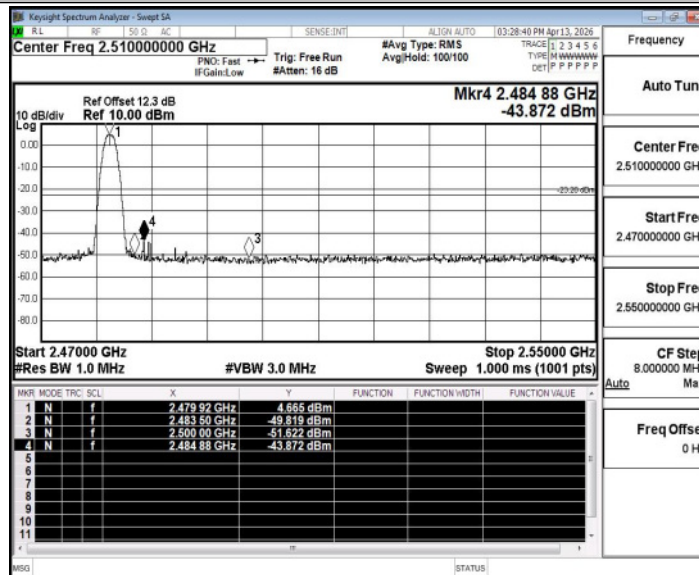
DH5_Ant1_Low_2402_Peak



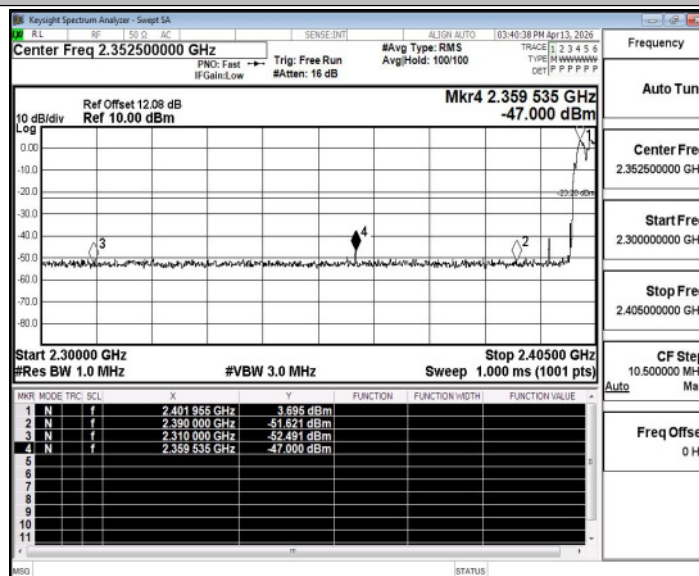
DH5_Ant1_High_2480_AV



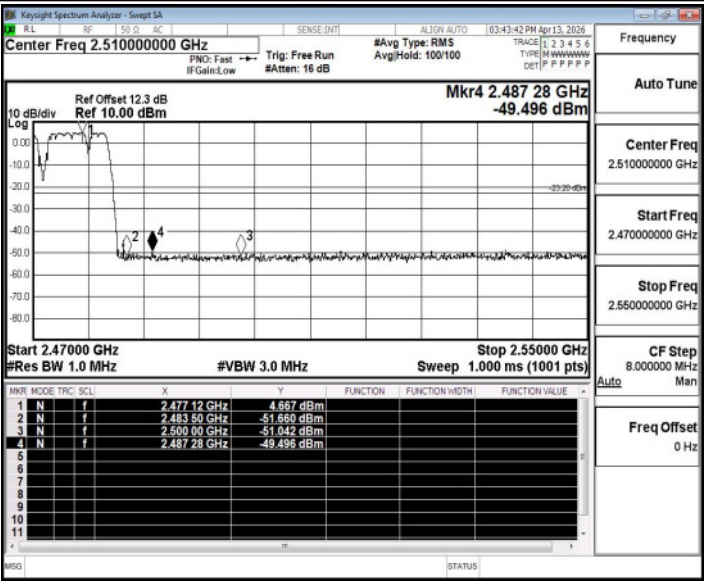
DH5_Ant1_High_2480_Peak



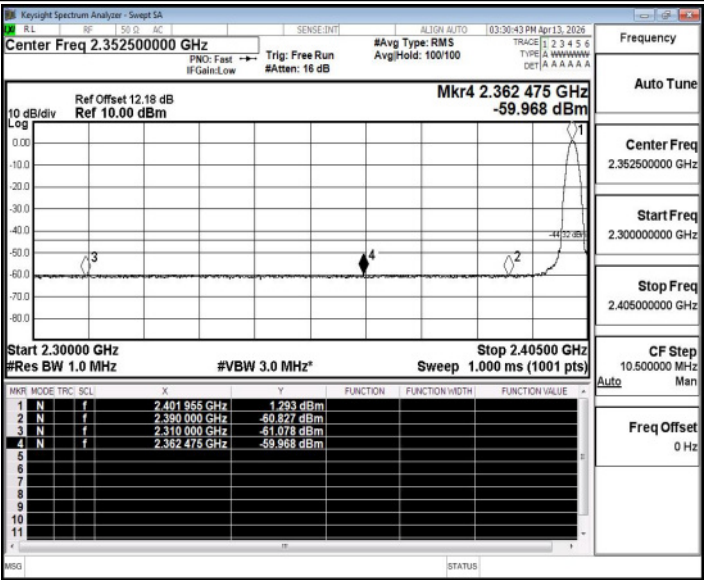
DH5_Ant1_Low_Hop_2402_Peak



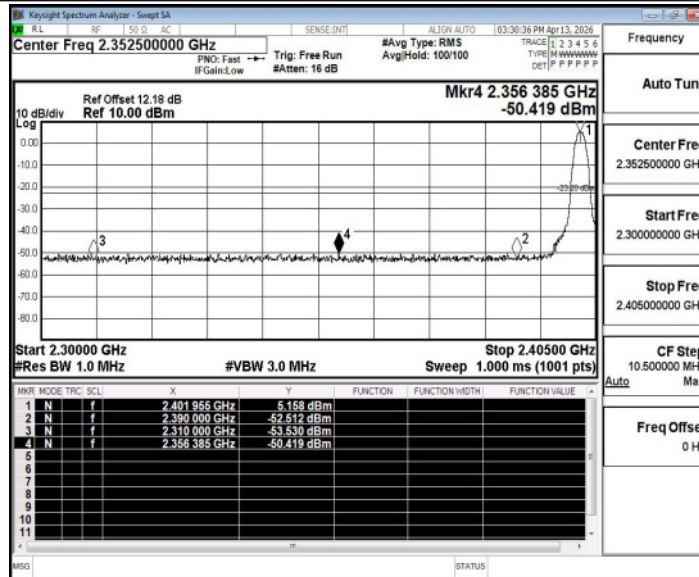
DH5_Ant1_High_Hop_2480_Peak



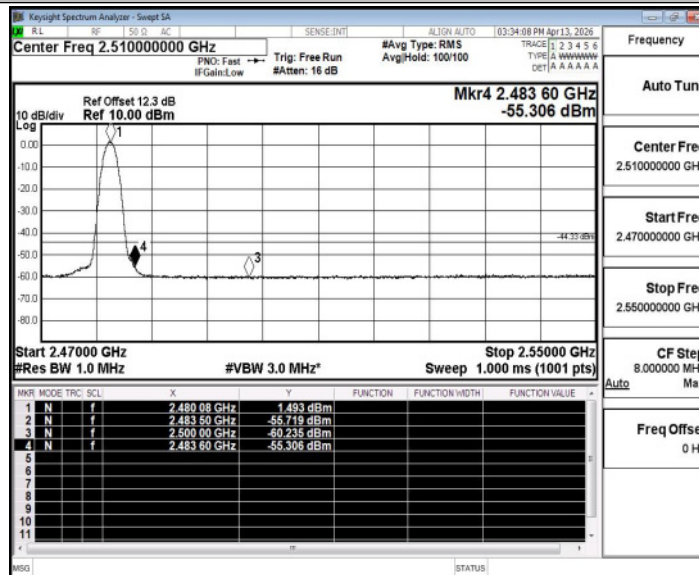
2DH5_Ant1_Low_2402_AV



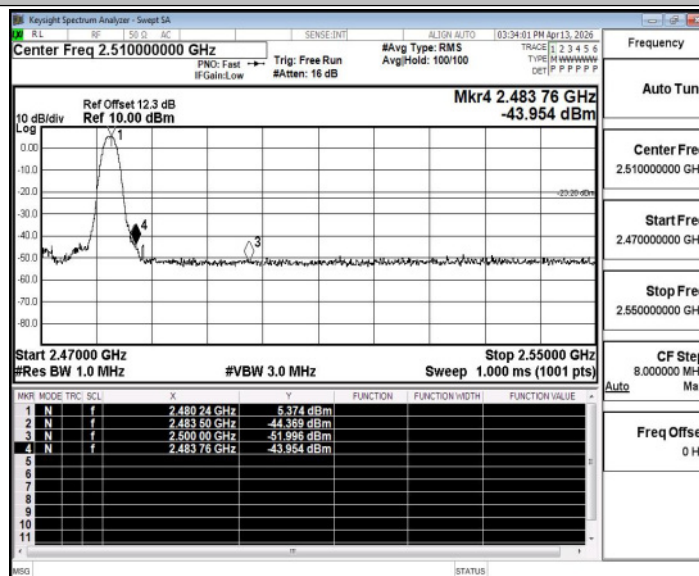
2DH5_Ant1_Low_2402_Peak



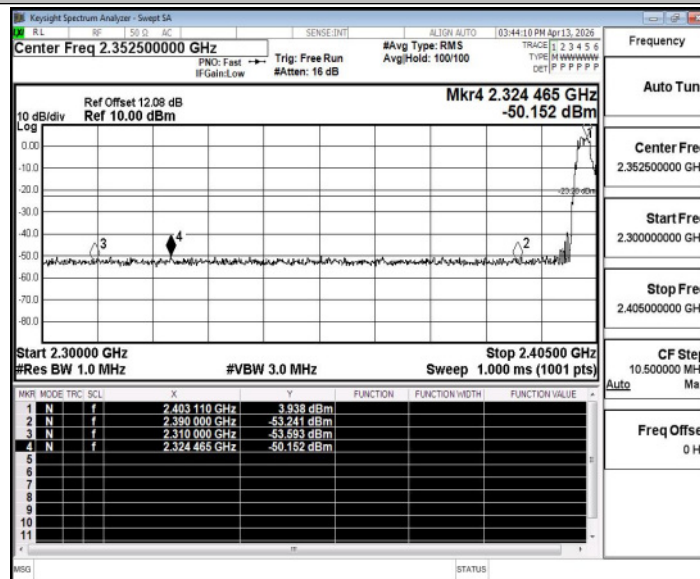
2DH5_Ant1_High_2480_AV



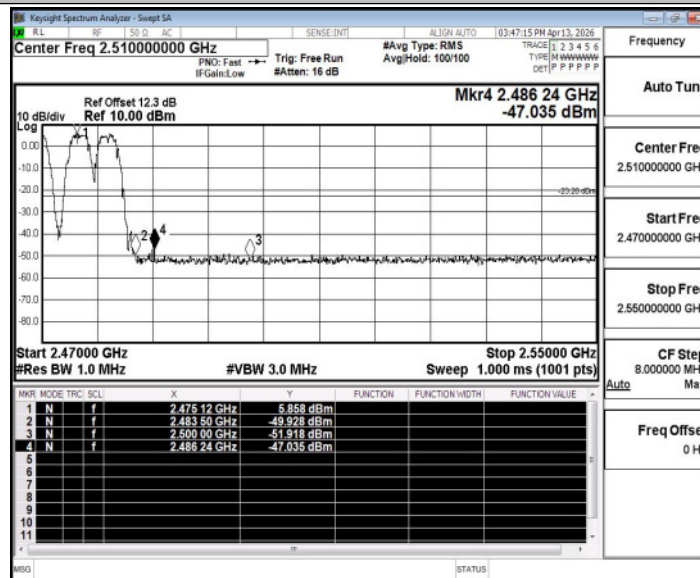
2DH5_Ant1_High_2480_Peak



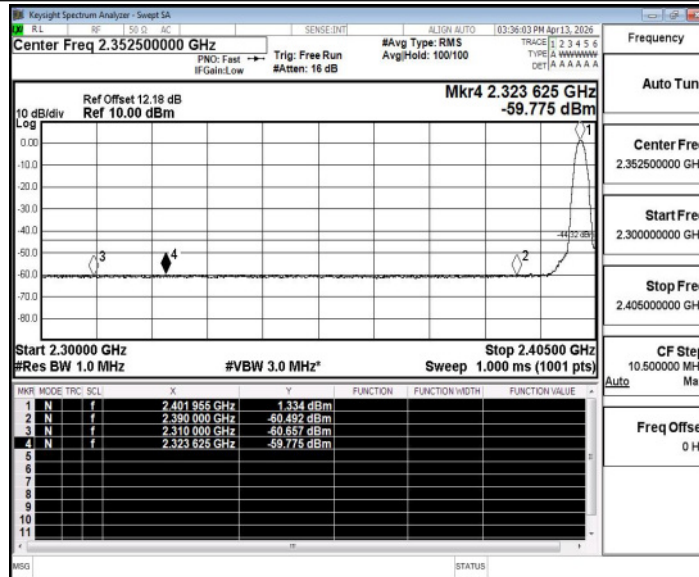
2DH5_Ant1_Low_Hop_2402_Peak



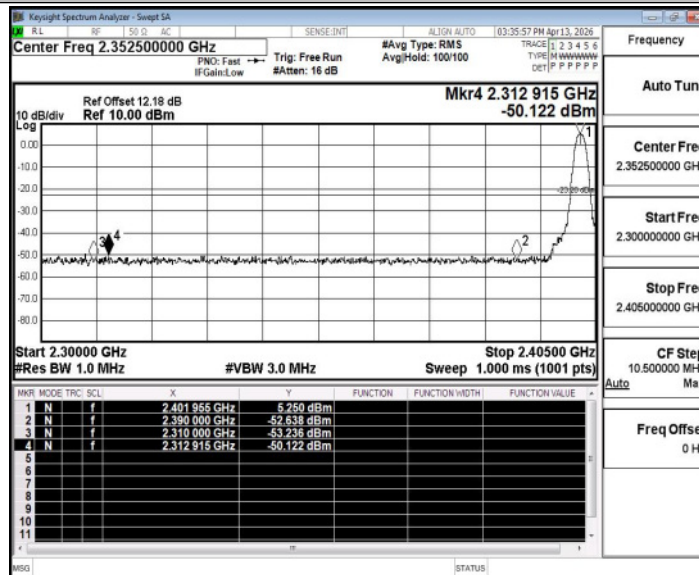
2DH5_Ant1_High_Hop_2480_Peak



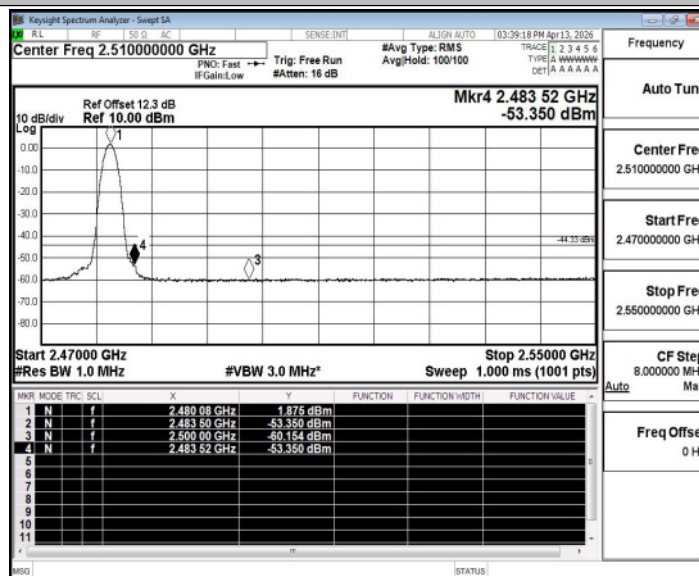
3DH5_Ant1_Low_2402_AV



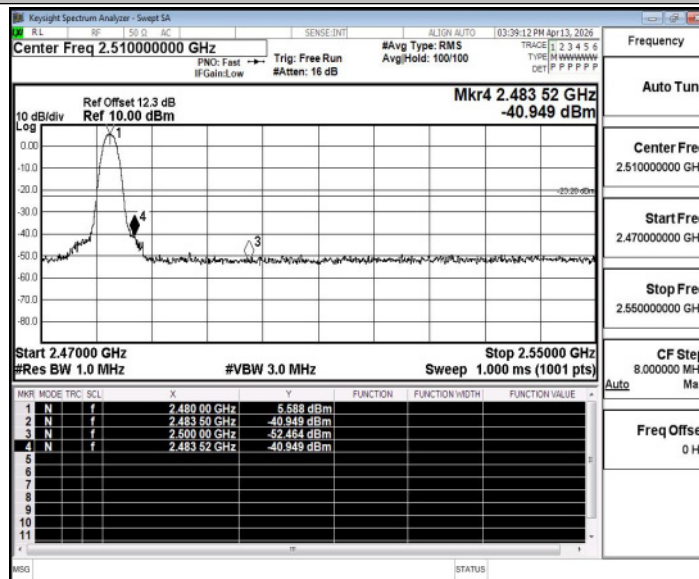
3DH5_Ant1_Low_2402_Peak



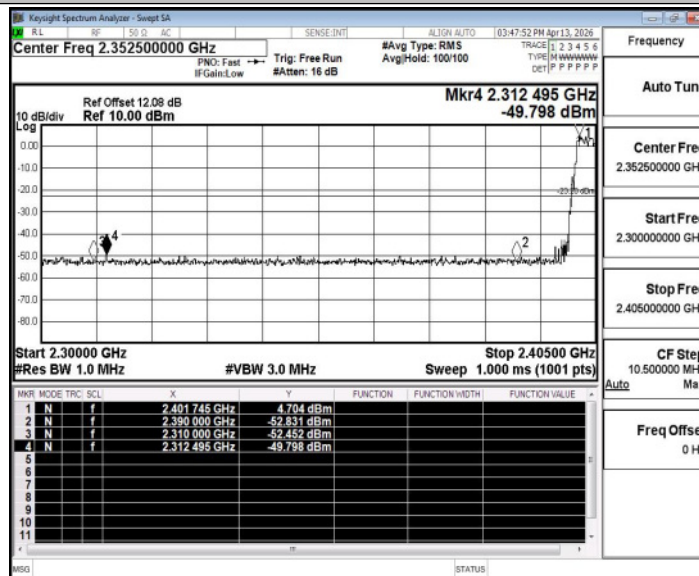
3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



3DH5_Ant1_High_Hop_2480_Peak

