

12.4 TEST RESULTS

Environment: 25.3°C/49%RH/101.0kPa
Tested By:Qin Tingting

Voltage:DC 12V
Date: 2024-08-28 ~ 2024-09-18

Band Edge

Test Mode	Antenna	Ch Name	Freq[MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.91	-47.91	≤-18.09	PASS
		High	2480	2.45	-46.12	≤-17.55	PASS
		Low	Hop_2402	1.49	-48.75	≤-18.51	PASS
		High	Hop_2480	2.24	-46.33	≤-17.76	PASS
2DH5	Ant1	Low	2402	5.01	-39.14	≤-14.99	PASS
		High	2480	4.14	-46.07	≤-15.86	PASS
		Low	Hop_2402	4.28	-46.06	≤-15.72	PASS
		High	Hop_2480	1.60	-45.95	≤-18.40	PASS
3DH5	Ant1	Low	2402	-0.70	-47.18	≤-20.70	PASS
		High	2480	0.90	-45.93	≤-19.10	PASS
		Low	Hop_2402	-2.61	-48.02	≤-22.61	PASS
		High	Hop_2480	-0.54	-45.07	≤-20.54	PASS

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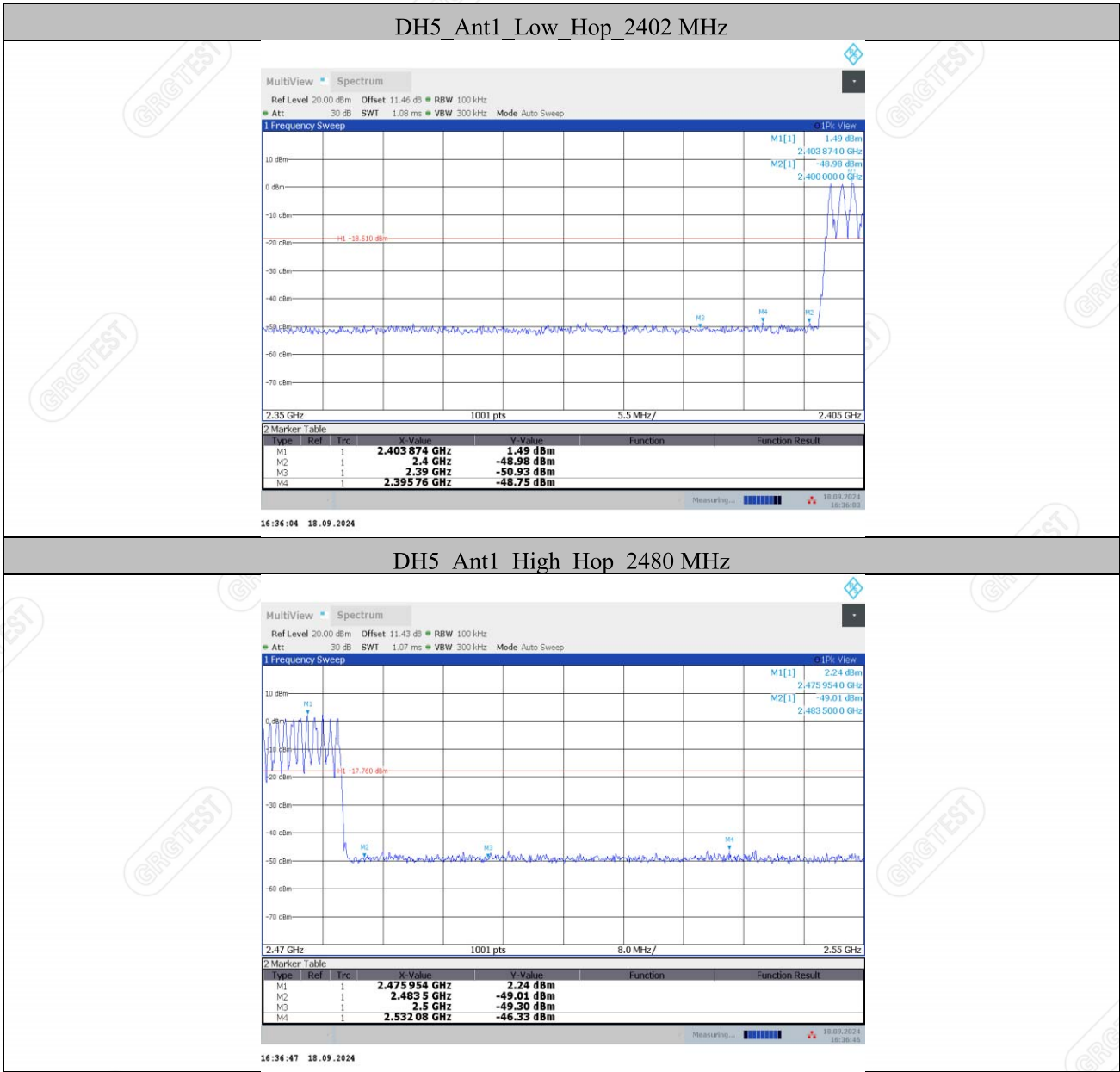
Conducted Spurious Emission

Test Mode	Antenna	Freq[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-56.74	≤-19.08	PASS
			1000~26500	0.92	-42.79	≤-19.08	PASS
		2441	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-56.59	≤-18.70	PASS
			1000~26500	1.30	-42.01	≤-18.70	PASS
		2480	Reference	1.69	1.69	---	PASS
			30~1000	1.69	-55.8	≤-18.31	PASS
			1000~26500	1.69	-42.89	≤-18.31	PASS
2DH5	Ant1	2402	Reference	3.55	3.55	---	PASS
			30~1000	3.55	-56.66	≤-16.45	PASS
			1000~26500	3.55	-42.91	≤-16.45	PASS
		2441	Reference	3.36	3.36	---	PASS
			30~1000	3.36	-56.95	≤-16.64	PASS
			1000~26500	3.36	-42.13	≤-16.64	PASS
		2480	Reference	2.29	2.29	---	PASS
			30~1000	2.29	-56.58	≤-17.71	PASS
			1000~26500	2.29	-42.18	≤-17.71	PASS
3DH5	Ant1	2402	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-56.56	≤-21.98	PASS
			1000~26500	-1.98	-43.5	≤-21.98	PASS
		2441	Reference	-1.26	-1.26	---	PASS
			30~1000	-1.26	-56.16	≤-21.26	PASS
			1000~26500	-1.26	-42.41	≤-21.26	PASS
		2480	Reference	-0.87	-0.87	---	PASS
			30~1000	-0.87	-56.65	≤-20.87	PASS
			1000~26500	-0.87	-42.66	≤-20.87	PASS

Test Graphs

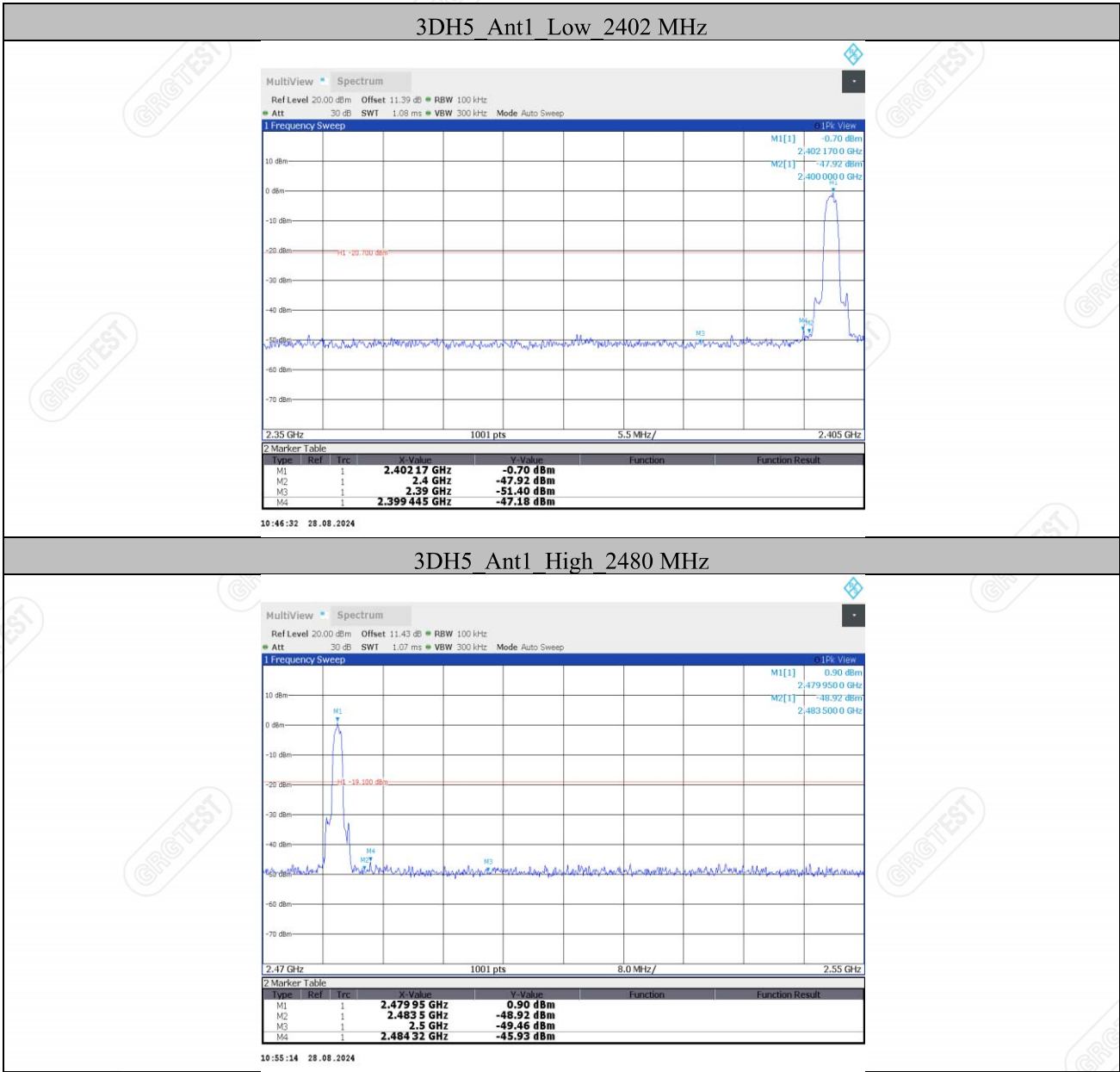
Band Edge













3DH5 Ant1 High Hop 2480 MHz

MultiView Spectrum

Ref Level 20.00 dBm Offset 11.43 dB RBW 100 kHz

Att 30 dB SWI 1.07 ms VBW 300 kHz Mode Auto Sweep

1 Frequency Sweep

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

2.47 GHz

1001 pts

8.0 MHz/

2.55 GHz

M1[1]

-0.54 dBm

2.4799500 GHz

M2[1]

-49.22 dBm

2.4835000 GHz

-20.540 dBm

M1

M2

M3

M4

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.47995 GHz	-0.54 dBm		
M2	1		2.4835 GHz	-49.22 dBm		
M3	1		2.5 GHz	-48.78 dBm		
M4	1		2.49832 GHz	-45.07 dBm		

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Conducted Spurious Emission

