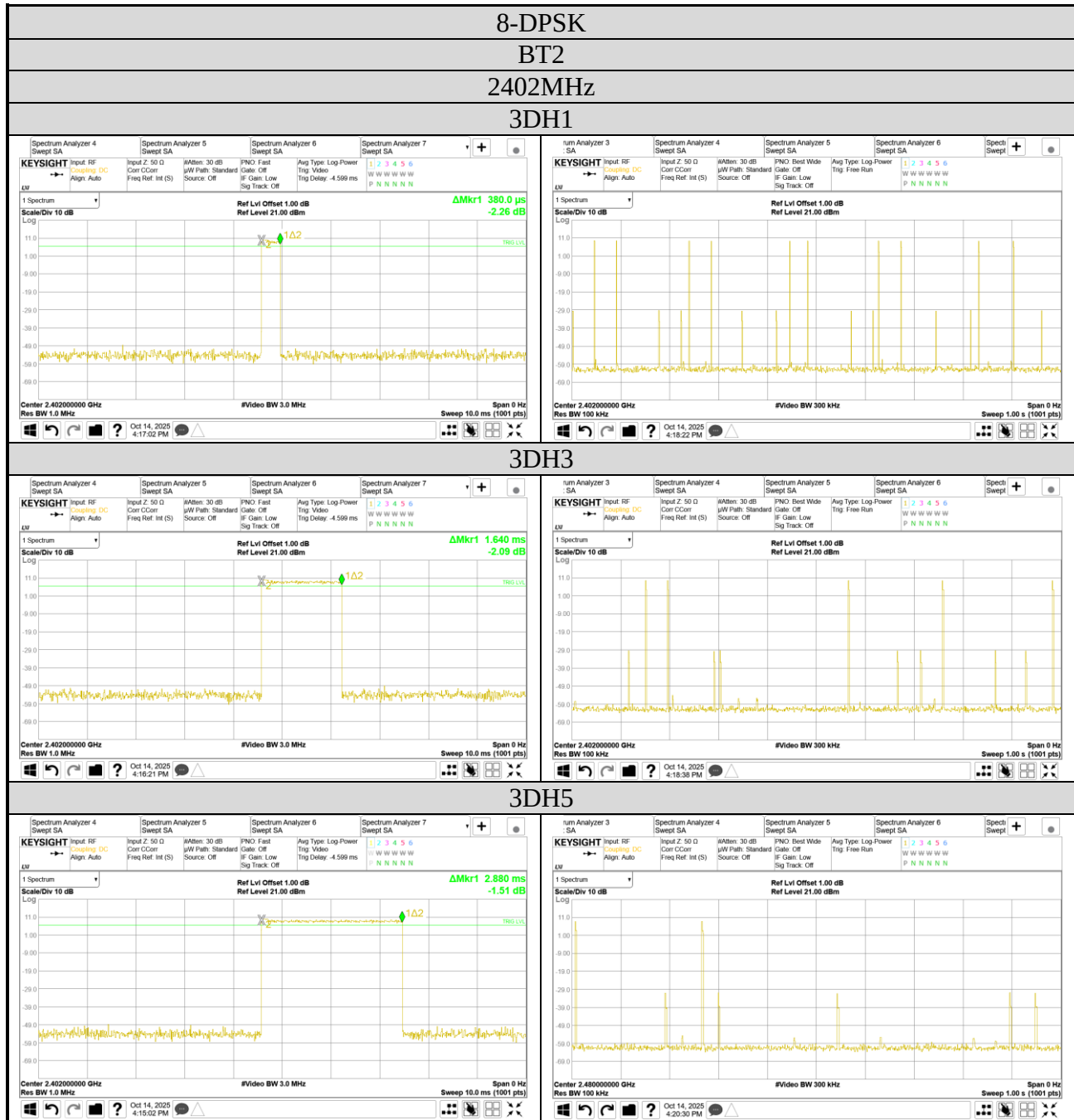


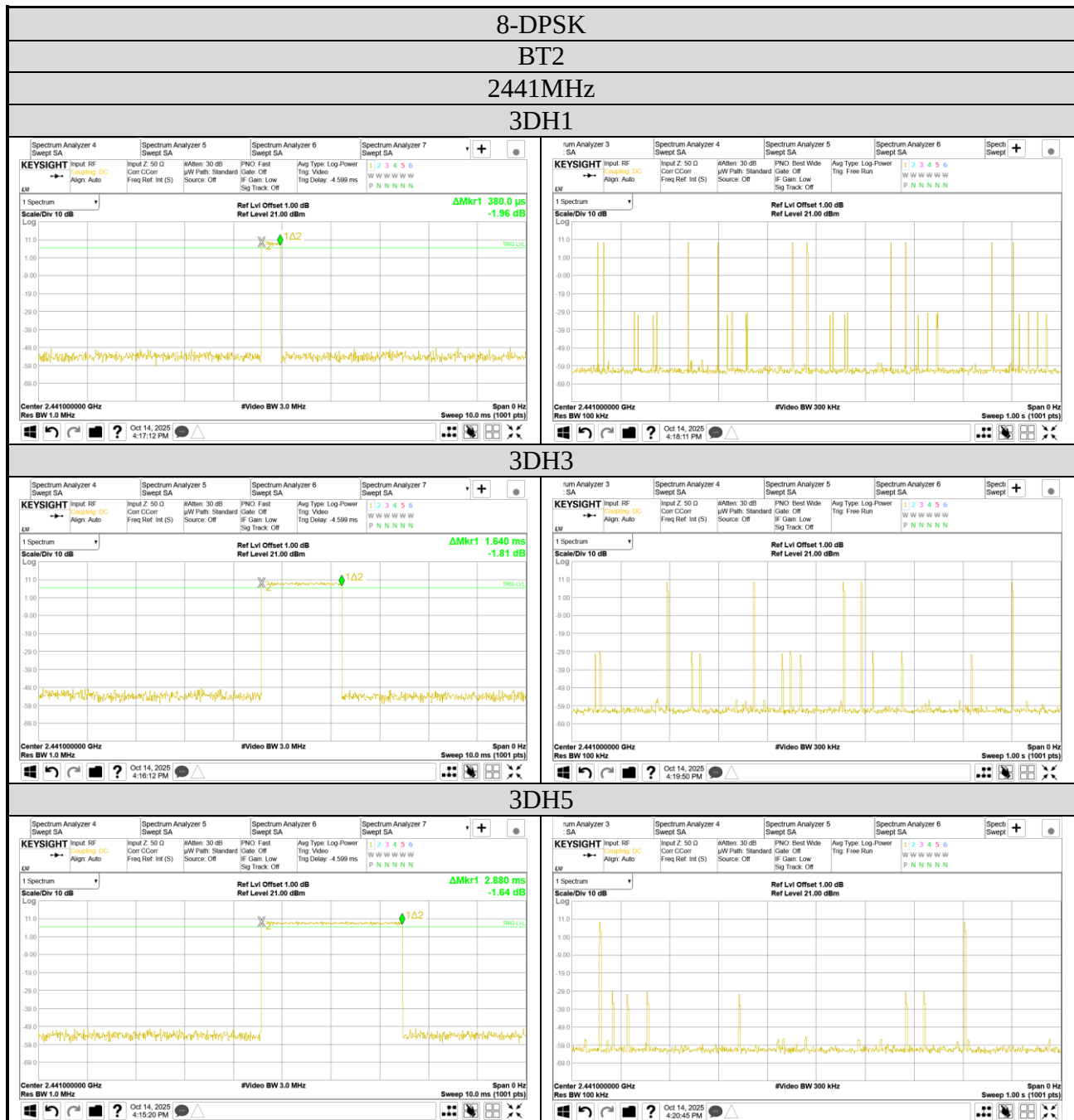
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

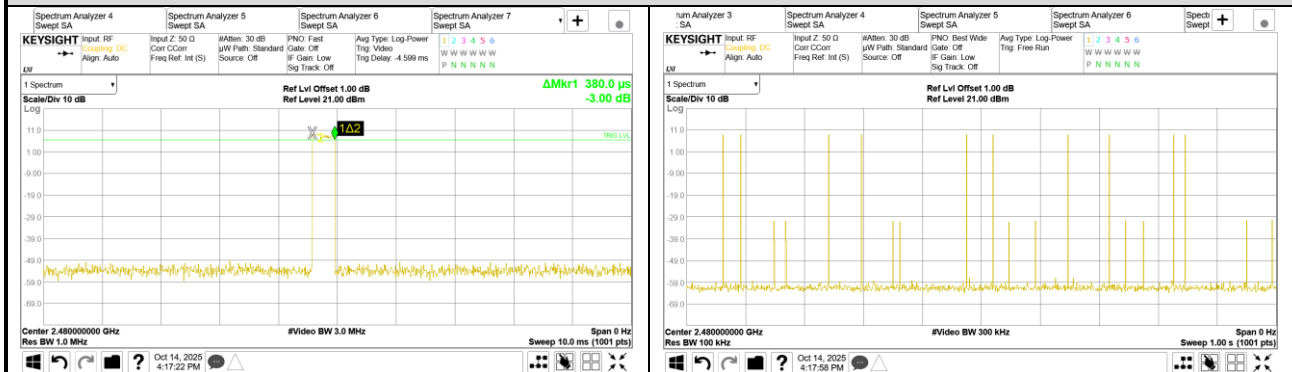
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8-DPSK

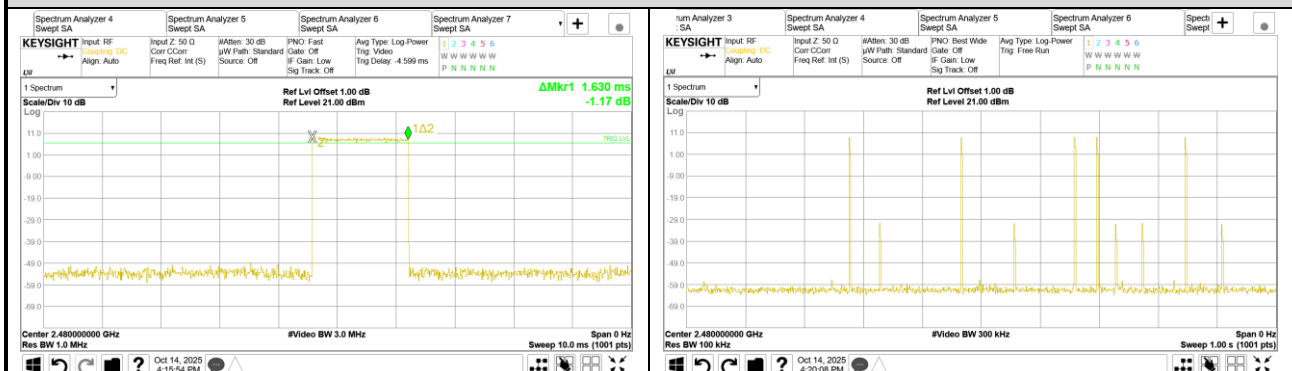
BT2

2480MHz

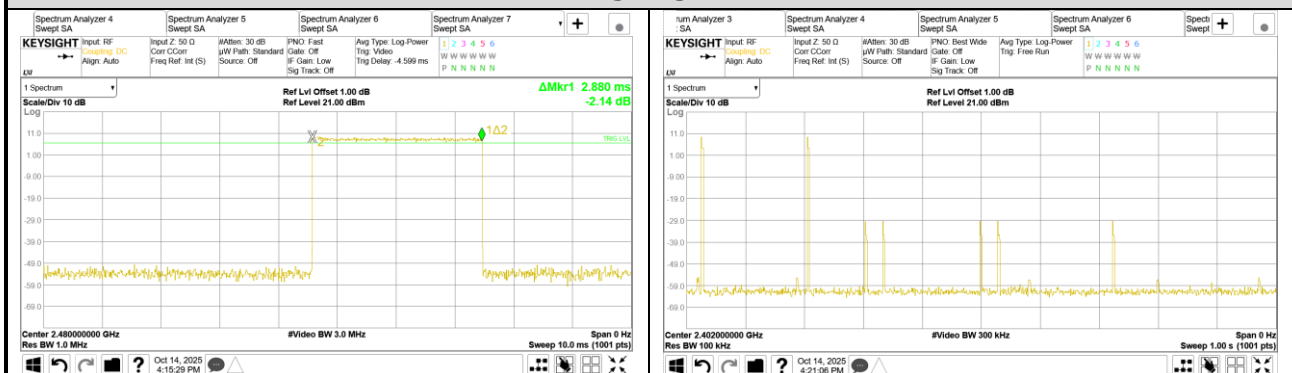
3DH1



3DH3



3DH5

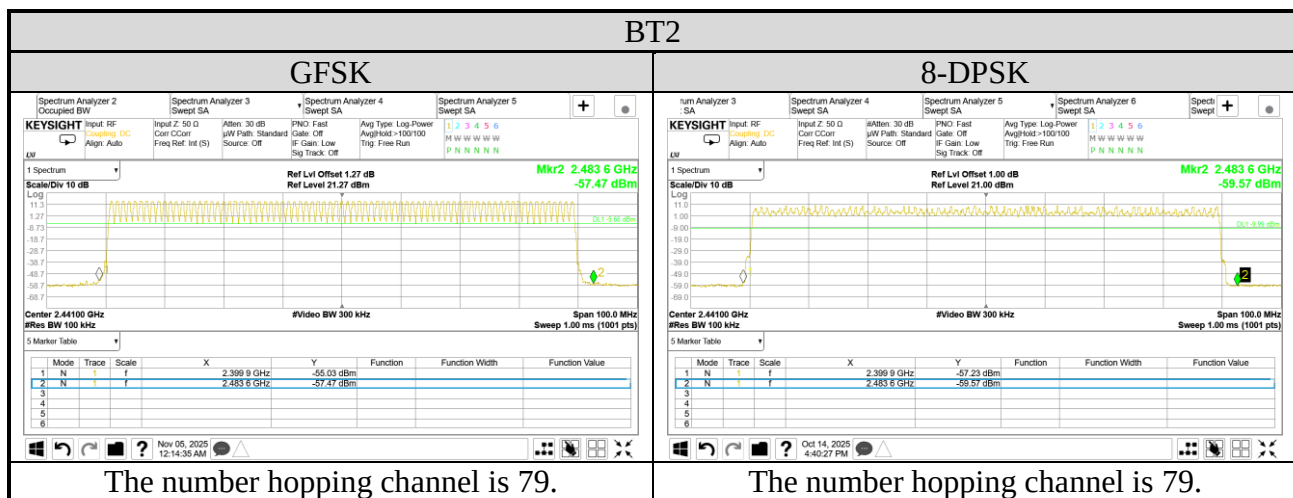
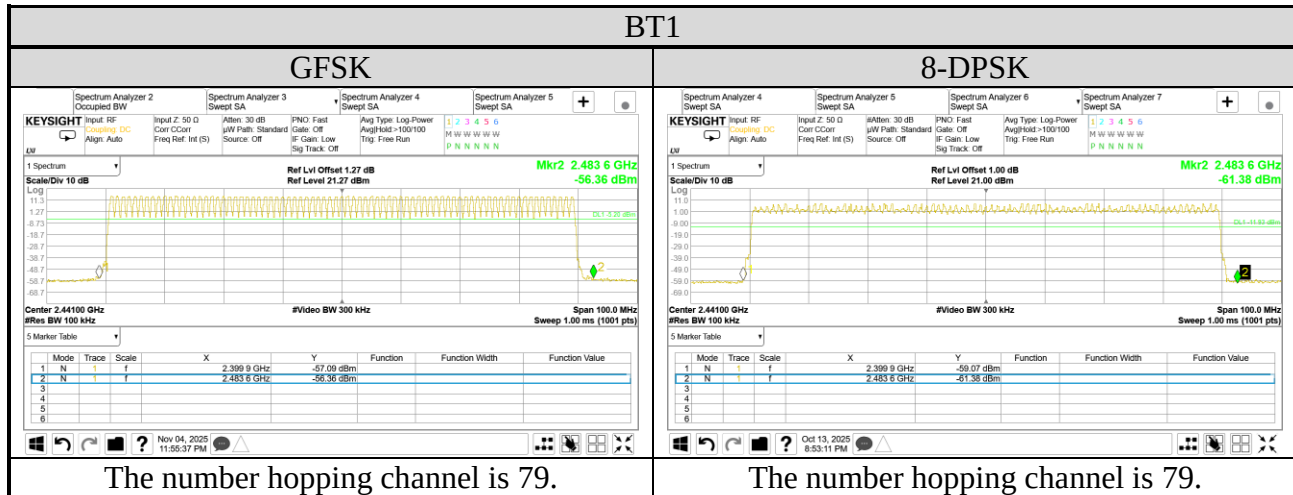


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No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

A.6 NUMBER OF HOPPING CHANNELS

Test Date	2025/10/13~11/05	Temp./Hum.	23~26°C/56~68%
Cable Loss	1.00dB, 1.27dB	Tested By	Sean Wang
Test Voltage	DC 5V (Through jig via Notebook PC)		



A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2025/10/13~11/04	Temp./Hum.	23~26°C/56~68%
Cable Loss	1.00dB, 1.27dB	Tested By	Sean Wang
Test Voltage	DC 5V (Through jig via Notebook PC)		

A.7.1 Maximum Peak Output Power

SISO

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max Peak Output Power		Antenna Gain		E.I.R.P. ^{Note 2}		Limit
		BT1	BT2	(dBm)	(W)	BT1	BT2	(dBm)	(W)	
GFSK	2402	14.42	14.53	14.53	0.028	-2.18	-4.84	12.35	0.017	<30dBm (Maximum Peak Output Power)
	2441	14.26	14.53	14.53	0.028	-2.18	-4.84	12.35	0.017	
	2480	14.23	14.33	14.33	0.027	-2.18	-4.84	12.15	0.016	
8DPSK	2402	8.69	10.12	10.12	0.010	-2.18	-4.84	7.94	0.006	<36dBm (E.I.R.P)
	2441	8.49	10.05	10.05	0.010	-2.18	-4.84	7.87	0.006	
	2480	8.50	9.58	9.58	0.009	-2.18	-4.84	7.40	0.005	

Note: 1. The results have been included cable loss.

2. E.I.R.P.= The Max Peak Output Power (dBm)+Antenna Gain (dBi).

MIMO

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power ^{Note 2}		Directional gain ^{Note 3} (dBi)	E.I.R.P. ^{Note 4}		Limit
		Aux	Main	(dBm)	(W)		(dBm)	(W)	
GFSK	2402	14.42	14.53	17.49	0.056	-3.31	14.18	0.026	<30dBm (Maximum Peak Output Power)
	2441	14.26	14.53	17.41	0.055	-3.31	14.10	0.026	
	2480	14.23	14.33	17.29	0.054	-3.31	13.98	0.025	
8DPSK	2402	8.69	10.12	12.47	0.018	-3.31	9.16	0.008	<36dBm (E.I.R.P)
	2441	8.49	10.05	12.35	0.017	-3.31	9.16	0.008	
	2480	8.50	9.58	12.08	0.016	-3.31	9.04	0.008	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total peak power = sum to individual output power

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$ dBi

Directional gain = $10 \log[(10^{-4.84/10} + 10^{-2.18/10})/2] = -3.31$ dBi

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. E.I.R.P.= The Total Peak Output Power (dBm)+ Directional Gain (dBi).

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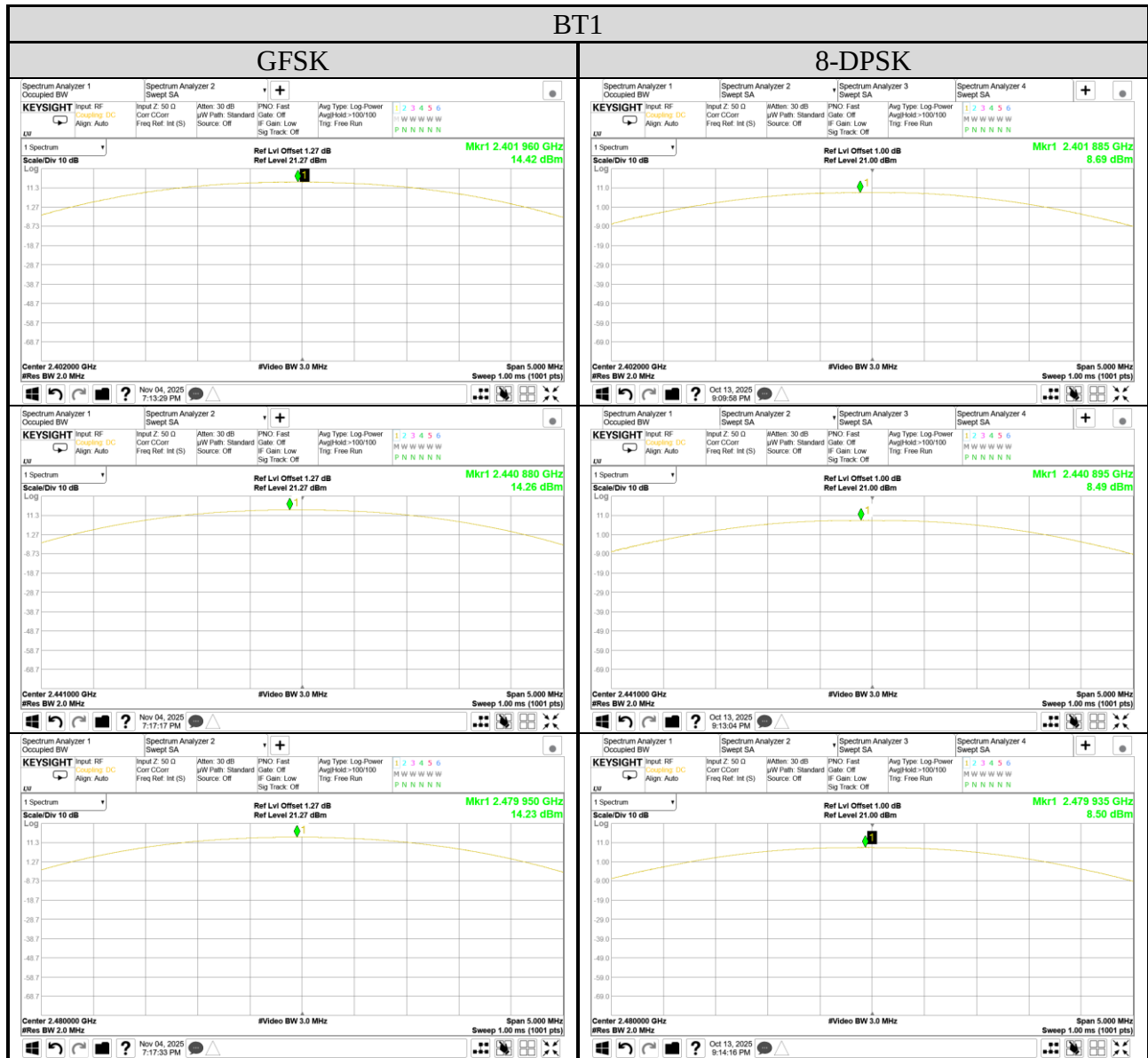
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

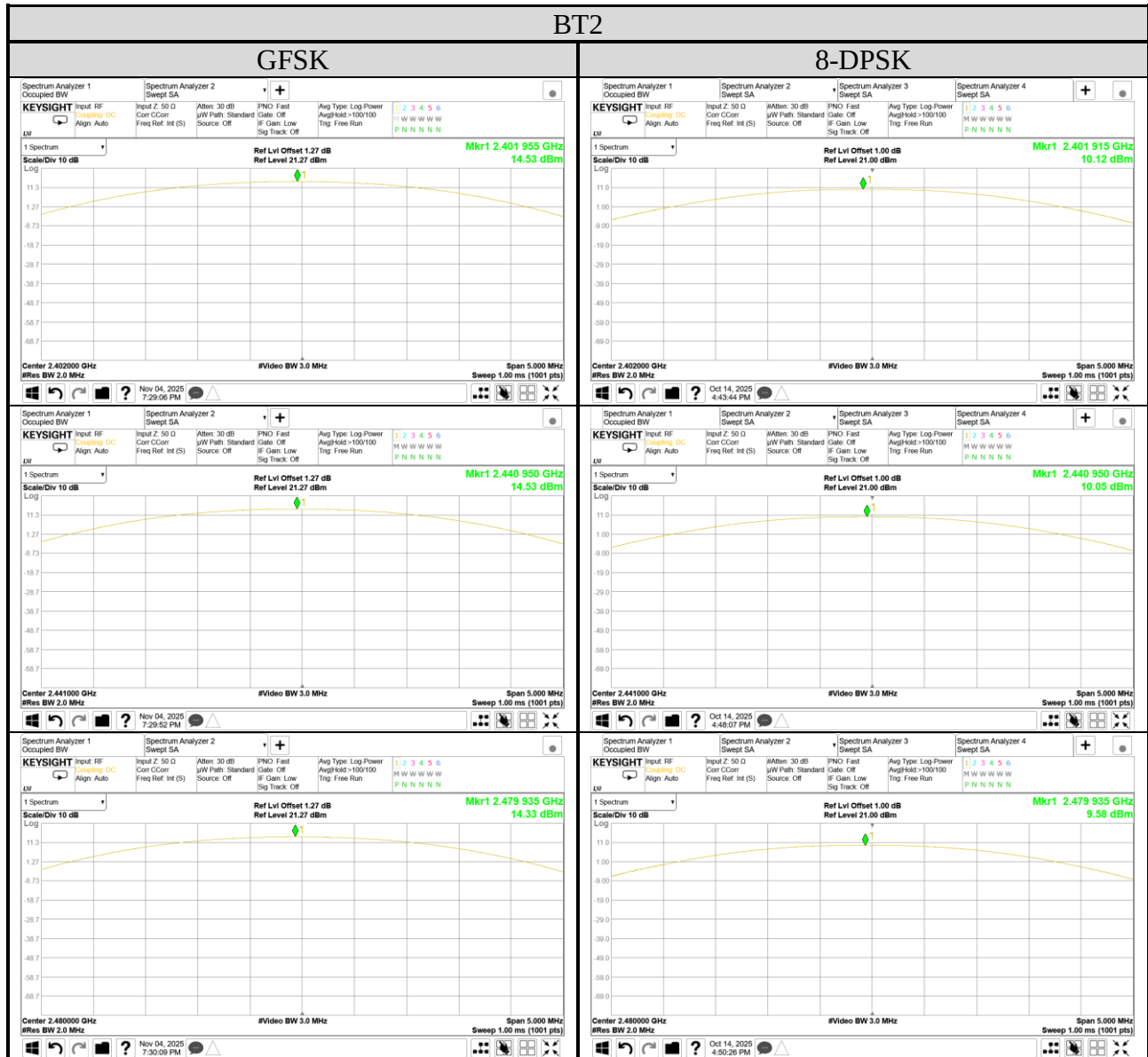
Fax: +886 2 26099303

A.7.2 Measurement Plots



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

A.8 EMISSION LIMITATIONS MEASUREMENT

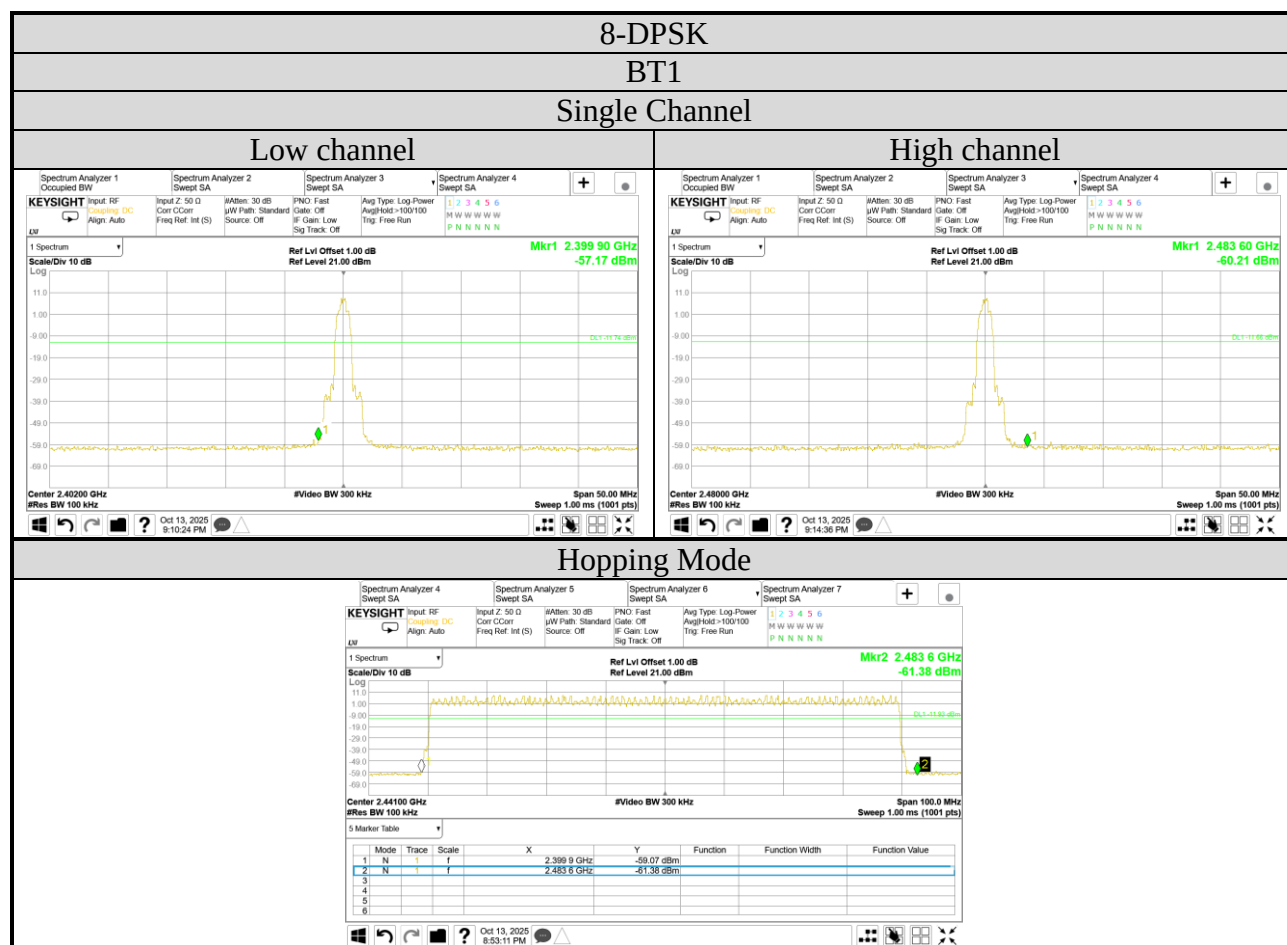
Test Date	2025/10/13~11/05	Temp./Hum.	23~26°C/56~68%
Cable Loss	1.00dB, 1.27dB	Tested By	Sean Wang
Test Voltage	DC 5V (Through jig via Notebook PC)		

A.8.1 Band Edge



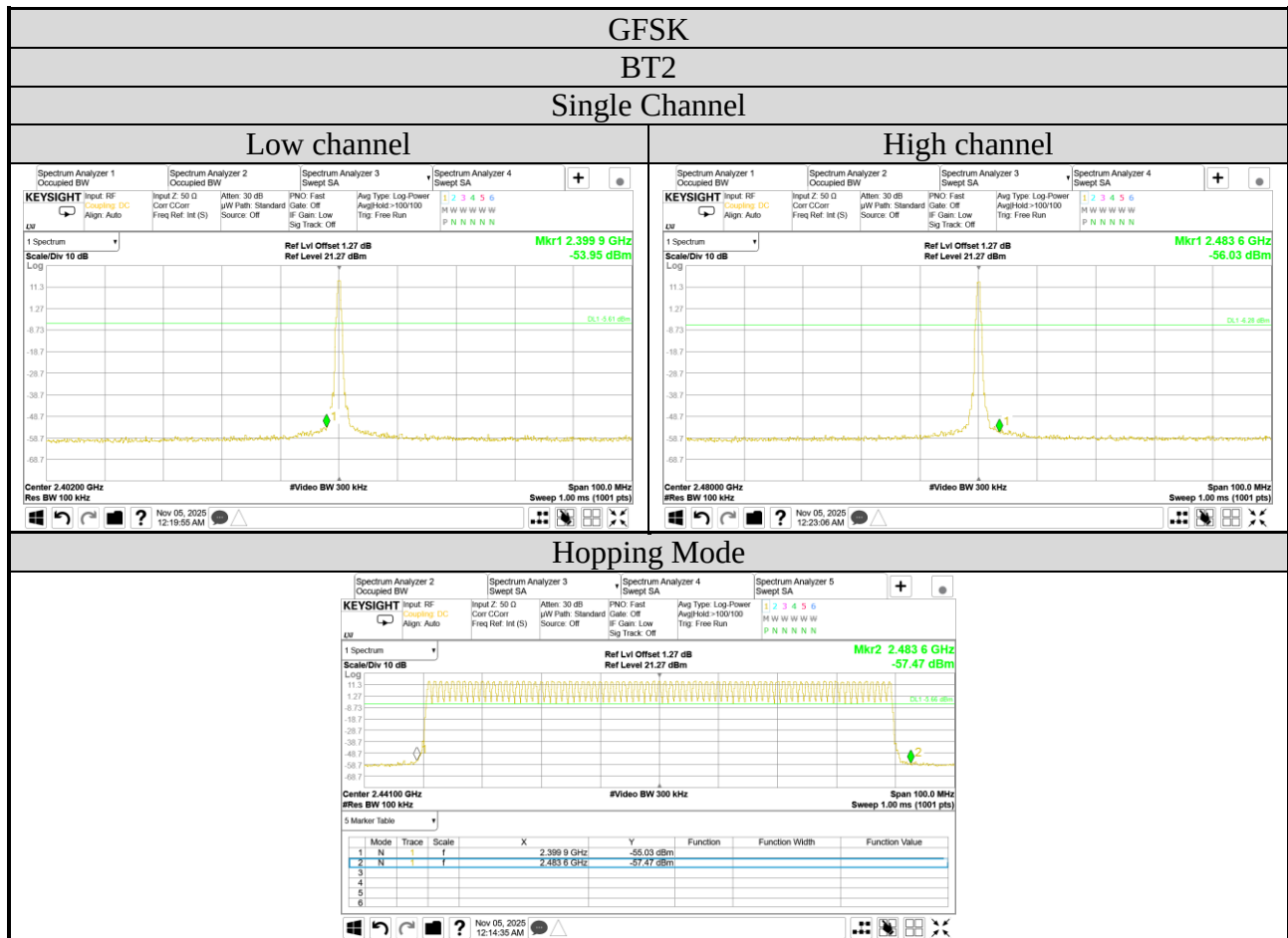
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



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No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



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No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

A.8.2 Spurious Emission



Note: All results have been included cable loss.

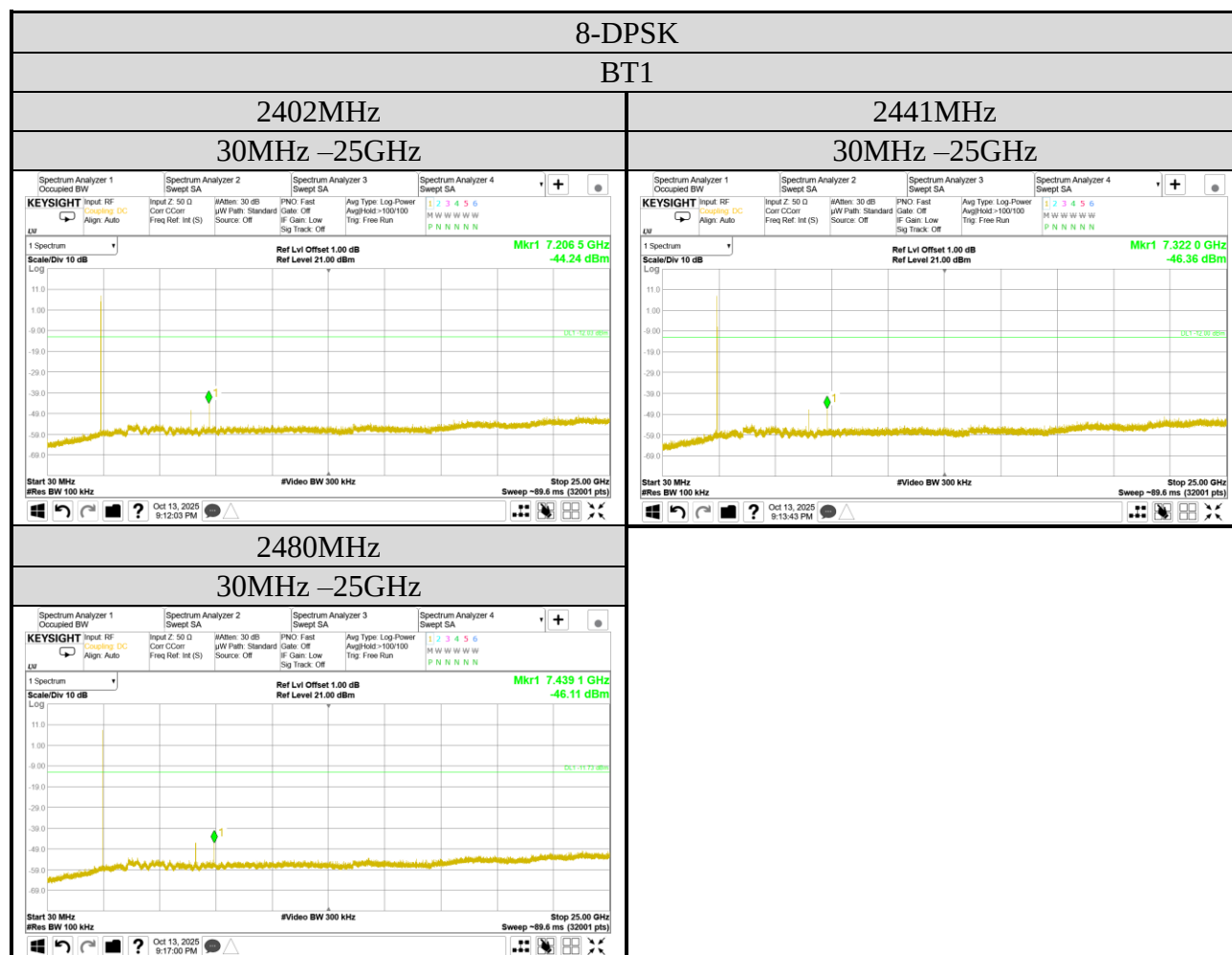
Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303



Note: All results have been included cable loss.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301

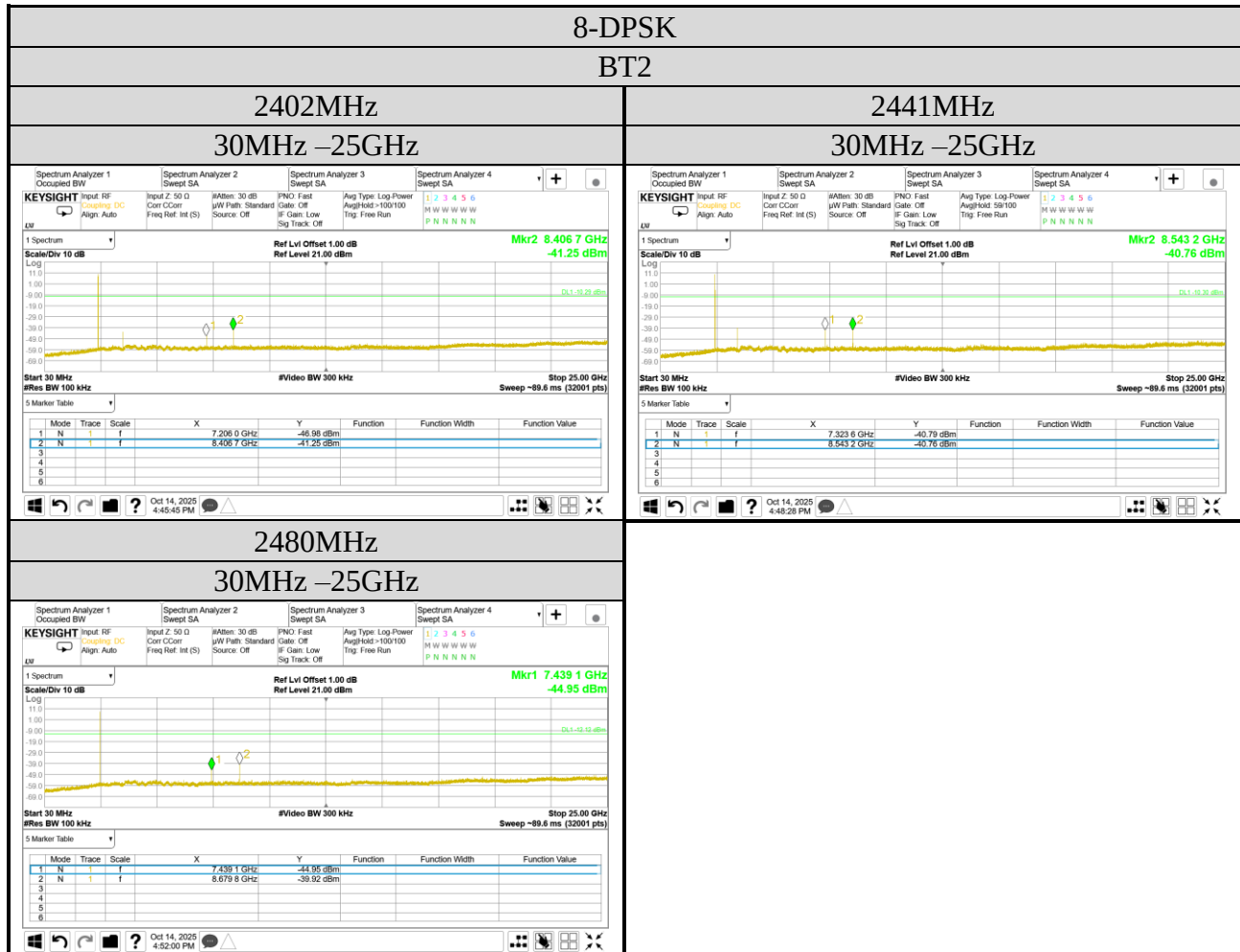
Fax: +886 2 26099303



Note: All results have been included cable loss.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



Note: All results have been included cable loss.