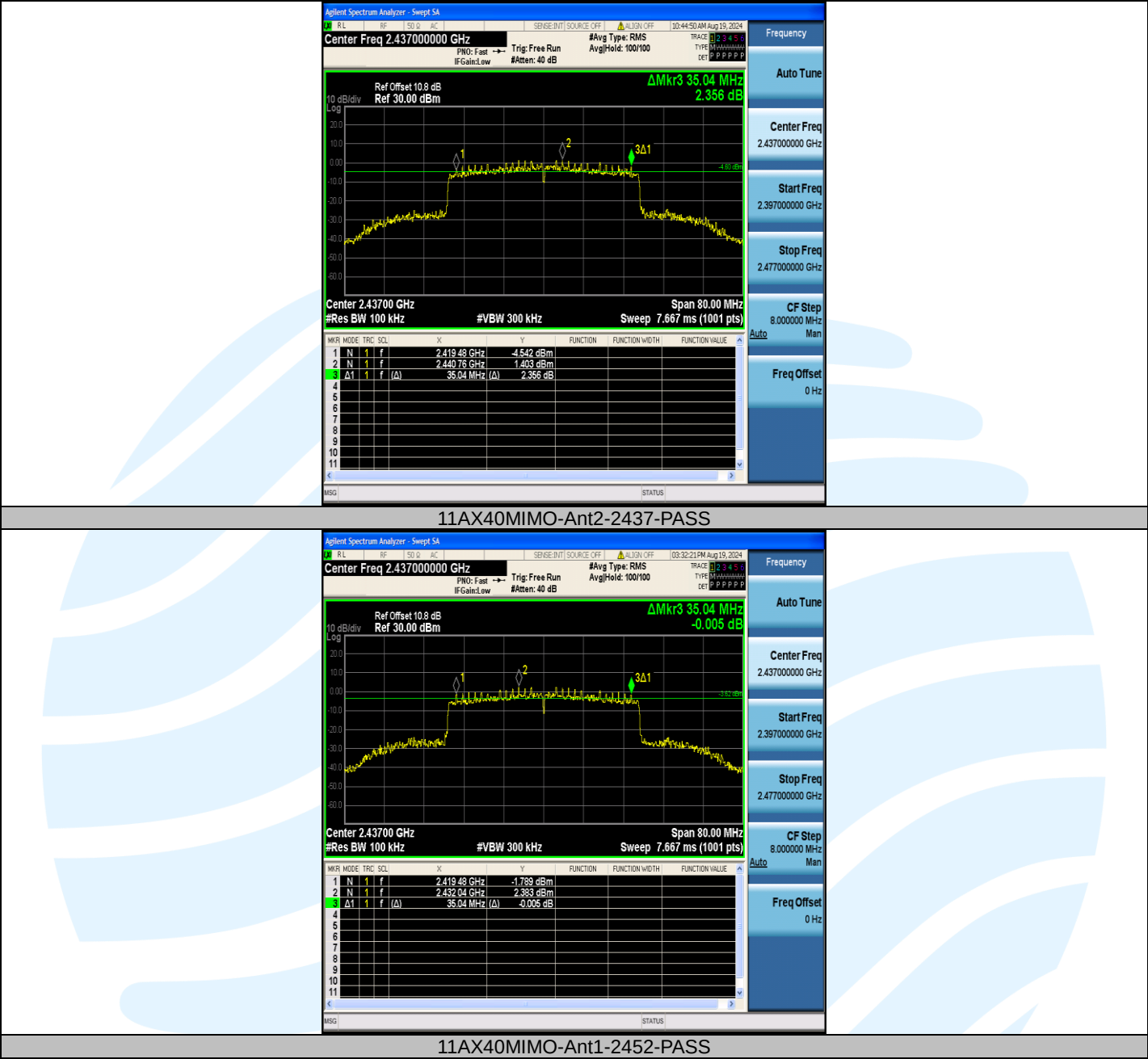
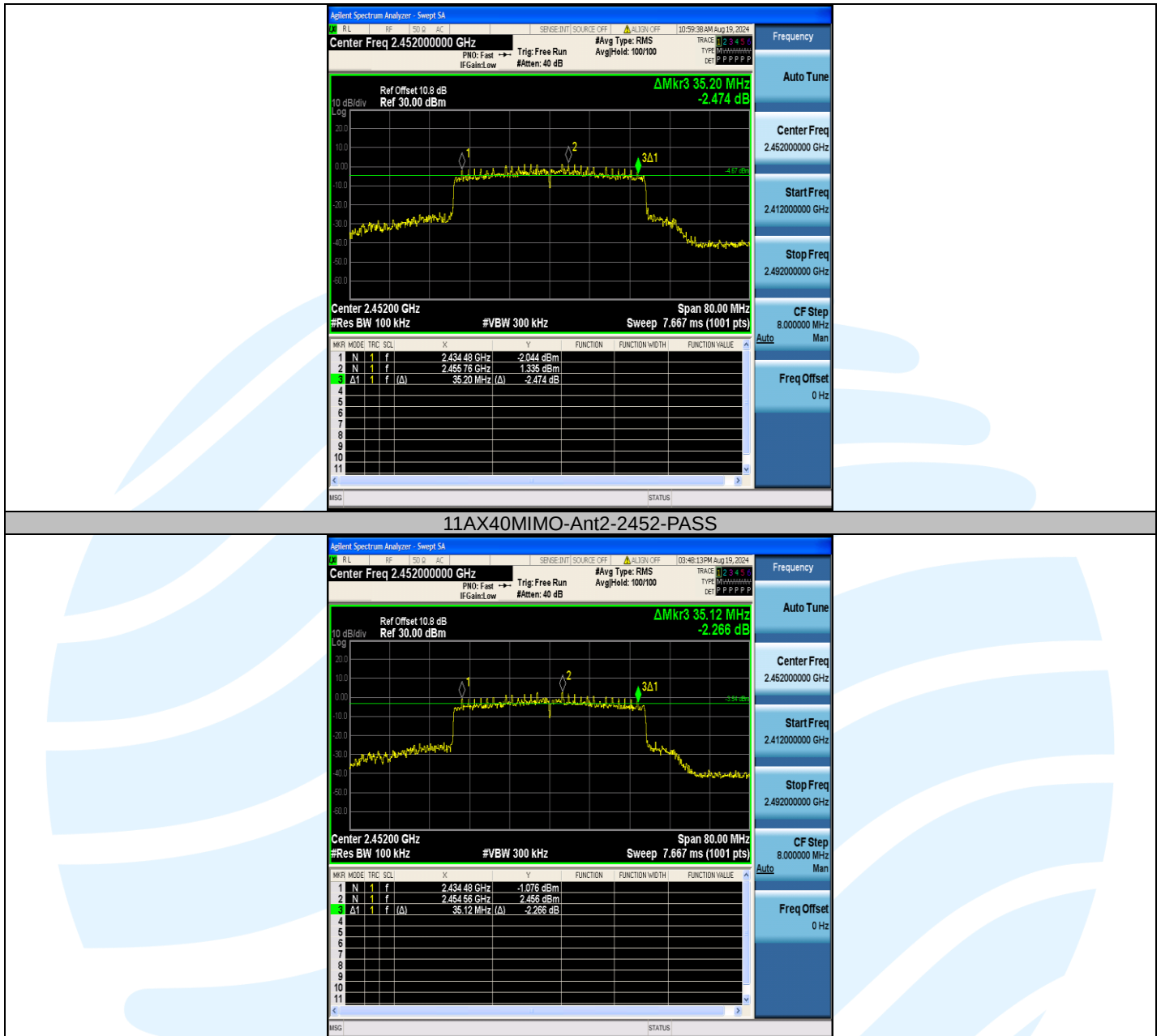






Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

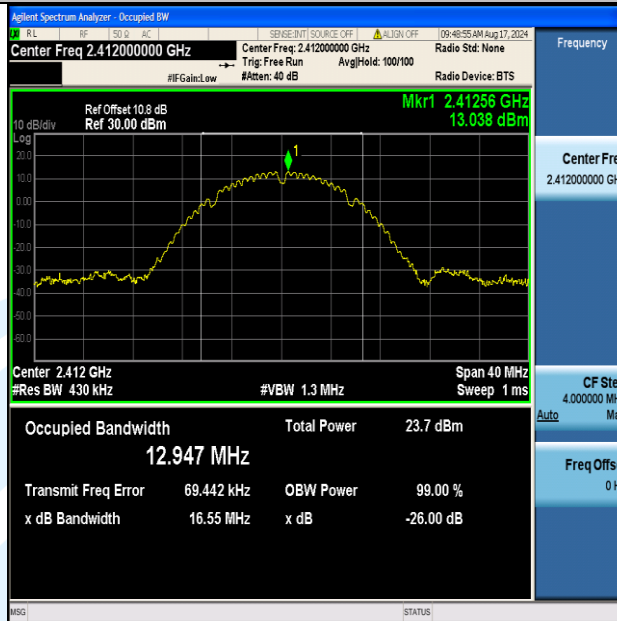
UTTR-RF-FCCPART15.247-V1.2

A.2 OCCUPIED CHANNEL BANDWIDTH

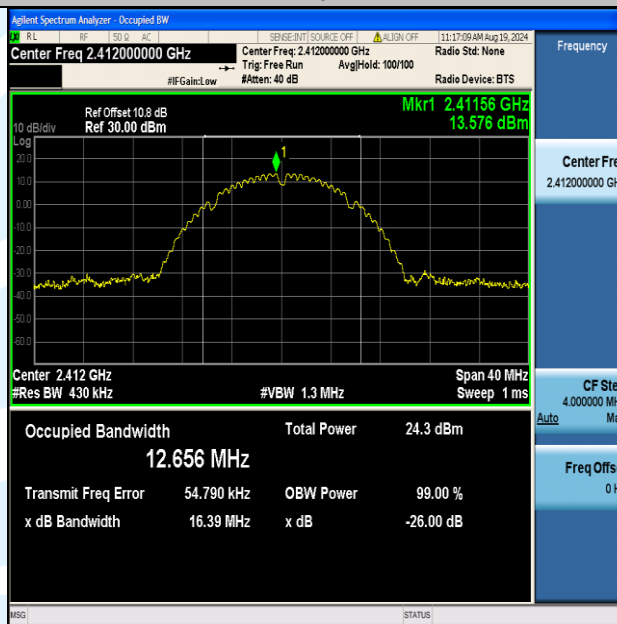
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.5959	2418.5429	---	---
11B	Ant2	2412	12.656	2405.7268	2418.3828	---	---
11B	Ant1	2437	12.732	2430.6812	2443.4132	---	---
11B	Ant2	2437	12.719	2430.6854	2443.4044	---	---
11B	Ant1	2462	12.748	2455.6665	2468.4145	---	---
11B	Ant2	2462	12.741	2455.6764	2468.4174	---	---
11G	Ant1	2412	17.193	2403.4785	2420.6715	---	---
11G	Ant2	2412	17.083	2403.5634	2420.6464	---	---
11G	Ant1	2437	17.125	2428.4688	2445.5938	---	---
11G	Ant2	2437	17.152	2428.4823	2445.6343	---	---
11G	Ant1	2462	17.129	2453.4620	2470.5910	---	---
11G	Ant2	2462	17.104	2453.4657	2470.5697	---	---
11N20MIMO	Ant1	2412	18.123	2403.0116	2421.1346	---	---
11N20MIMO	Ant2	2412	17.935	2403.1311	2421.0661	---	---
11N20MIMO	Ant1	2437	18.172	2427.9802	2446.1522	---	---
11N20MIMO	Ant2	2437	18.027	2428.0610	2446.0880	---	---
11N20MIMO	Ant1	2462	18.258	2452.9154	2471.1734	---	---
11N20MIMO	Ant2	2462	18.016	2453.0284	2471.0444	---	---
11N40MIMO	Ant1	2422	36.389	2403.9959	2440.3849	---	---
11N40MIMO	Ant2	2422	36.490	2403.9261	2440.4161	---	---
11N40MIMO	Ant1	2437	36.538	2418.7786	2455.3166	---	---
11N40MIMO	Ant2	2437	36.554	2418.7547	2455.3087	---	---
11N40MIMO	Ant1	2452	36.433	2433.8423	2470.2753	---	---
11N40MIMO	Ant2	2452	36.588	2433.7797	2470.3677	---	---
11AX20MIMO	Ant1	2412	18.977	2402.5597	2421.5367	---	---
11AX20MIMO	Ant2	2412	18.995	2402.5766	2421.5716	---	---
11AX20MIMO	Ant1	2437	19.134	2427.4725	2446.6065	---	---
11AX20MIMO	Ant2	2437	19.082	2427.4830	2446.5650	---	---
11AX20MIMO	Ant1	2462	19.120	2452.4865	2471.6065	---	---
11AX20MIMO	Ant2	2462	19.070	2452.4694	2471.5394	---	---
11AX40MIMO	Ant1	2422	37.893	2403.2431	2441.1361	---	---
11AX40MIMO	Ant2	2422	37.752	2403.2908	2441.0428	---	---
11AX40MIMO	Ant1	2437	37.884	2418.1453	2456.0293	---	---
11AX40MIMO	Ant2	2437	37.888	2418.1539	2456.0419	---	---
11AX40MIMO	Ant1	2452	37.846	2433.1297	2470.9757	---	---
11AX40MIMO	Ant2	2452	37.973	2433.0971	2471.0701	---	---

Test Graphs

11B-Ant1-2412



11B-Ant2-2412



11B-Ant1-2437

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

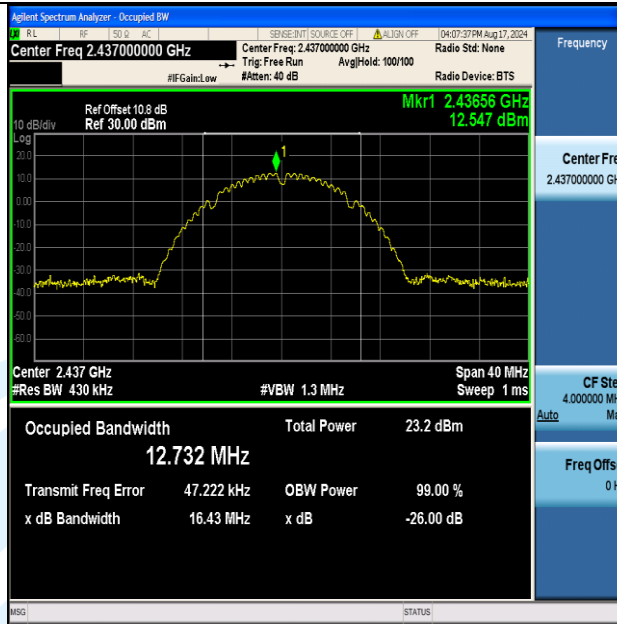
Tel: +86-755-28230888

Fax: +86-755-28230886

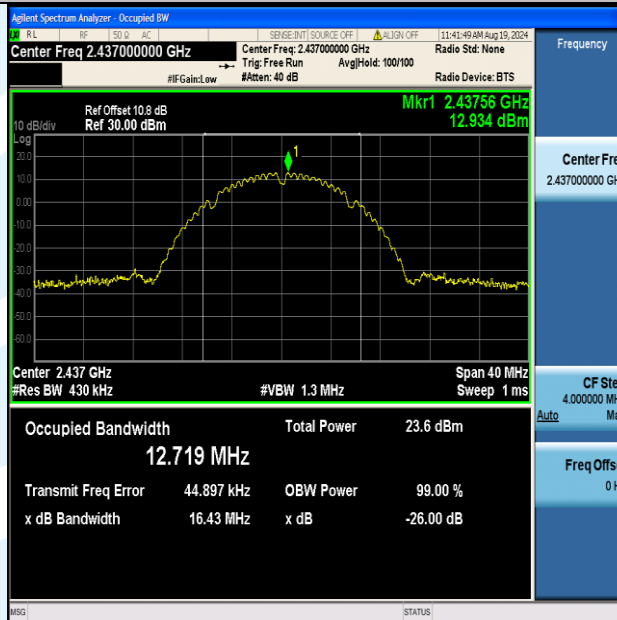
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



11B-Ant2-2437



11B-Ant1-2462



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

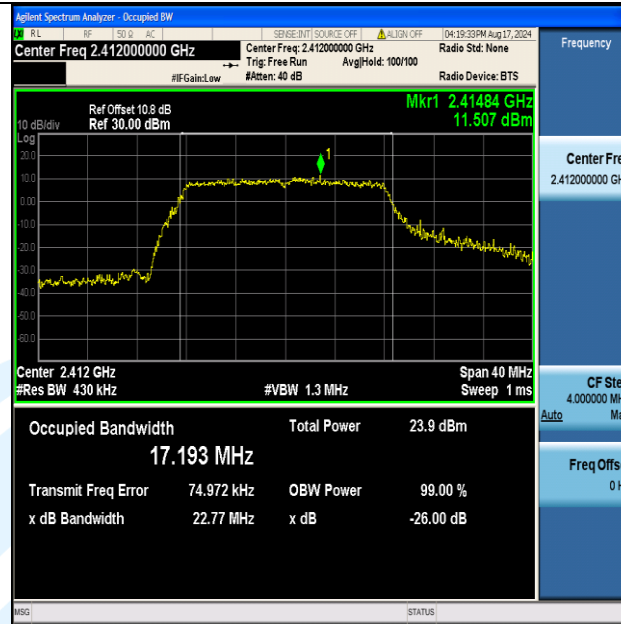
Tel: +86-755-28230888

Fax: +86-755-28230886

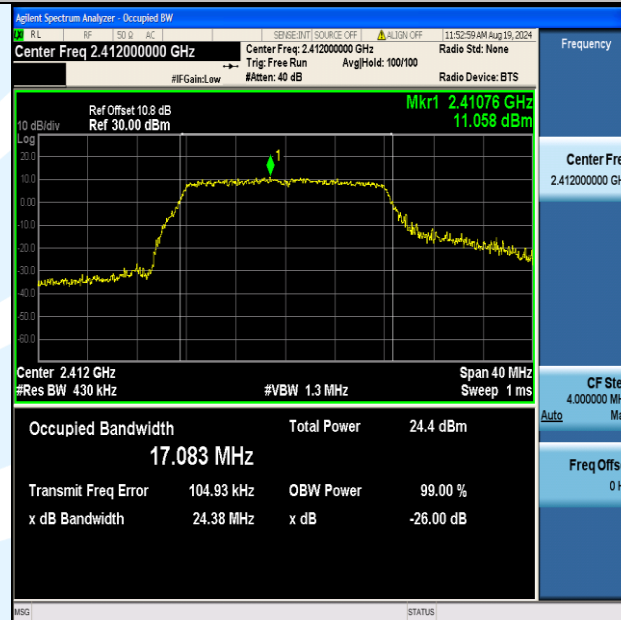
E-mail: info@uttlab.com

<http://www.uttlab.com>

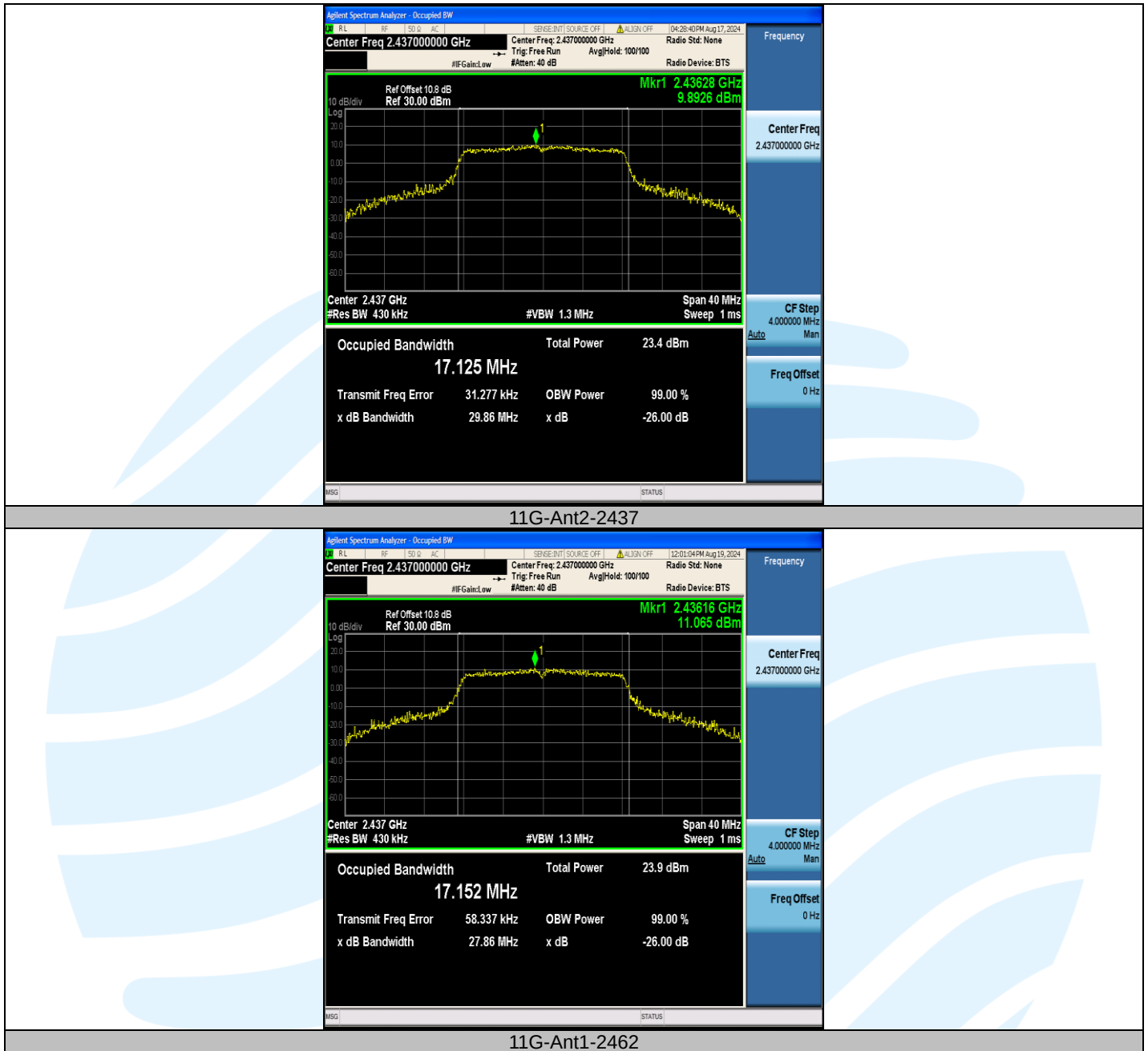
UTTR-RF-FCCPART15.247-V1.2



11G-Ant2-2412



11G-Ant1-2437



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

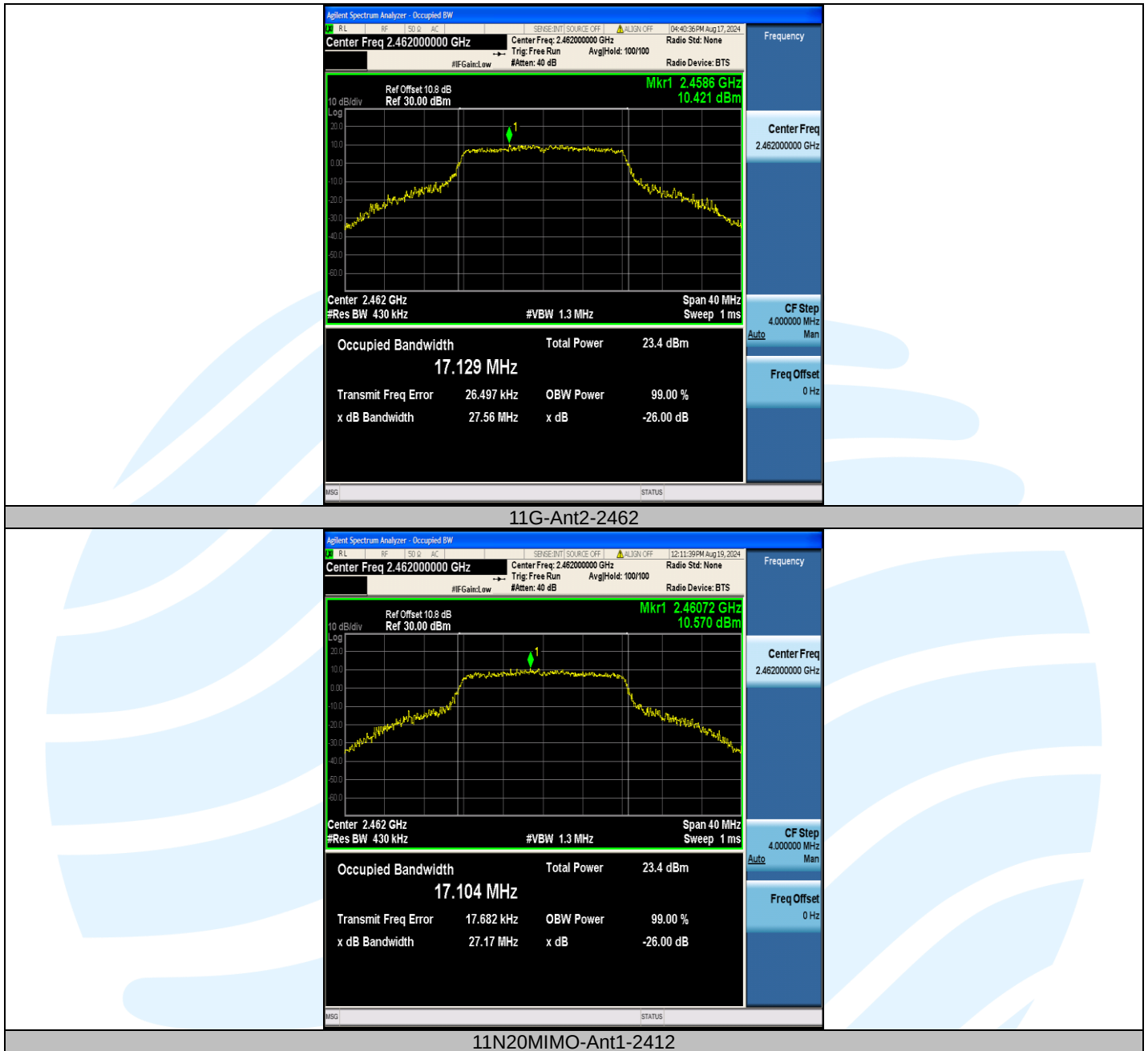
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

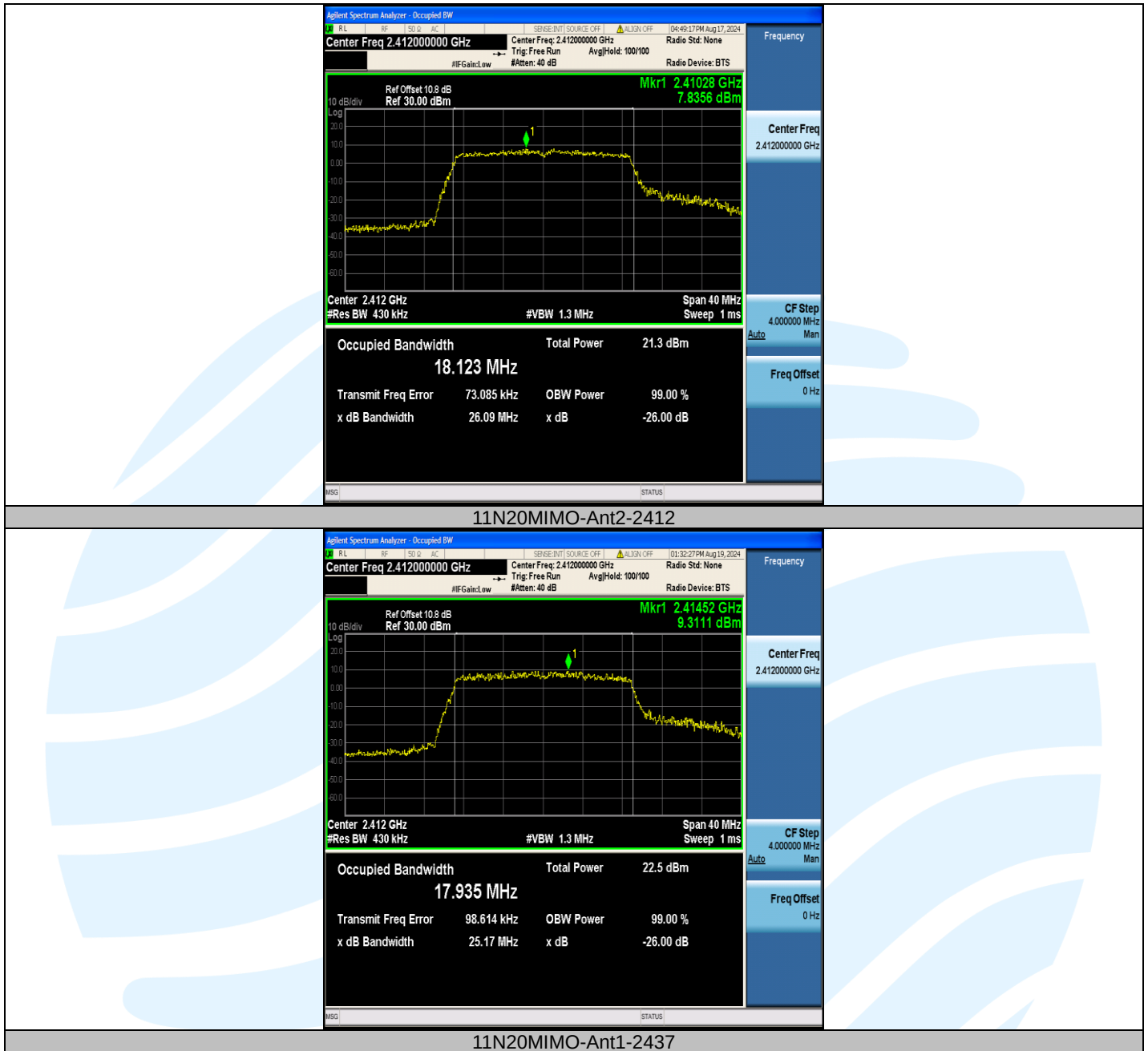
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

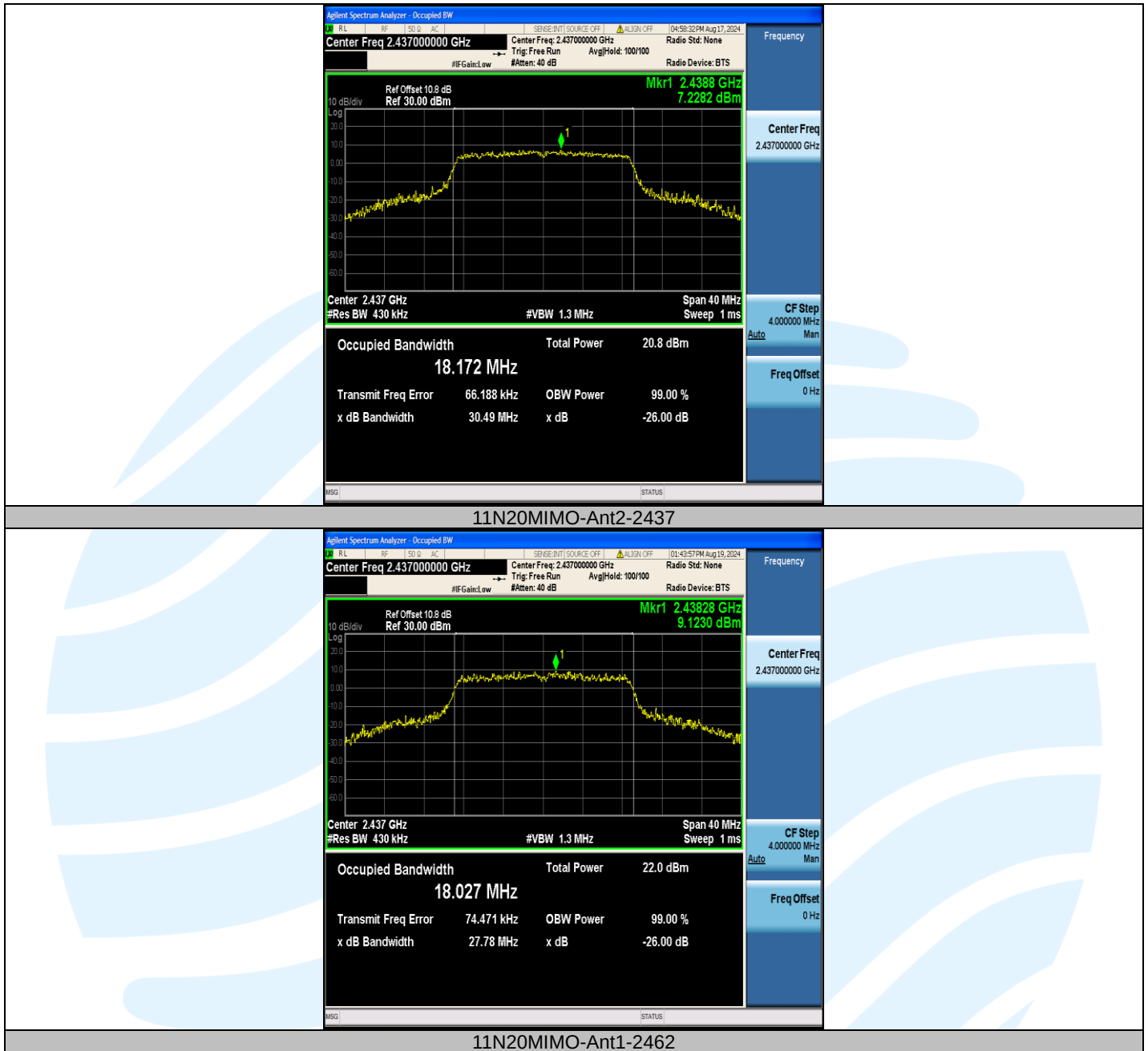
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

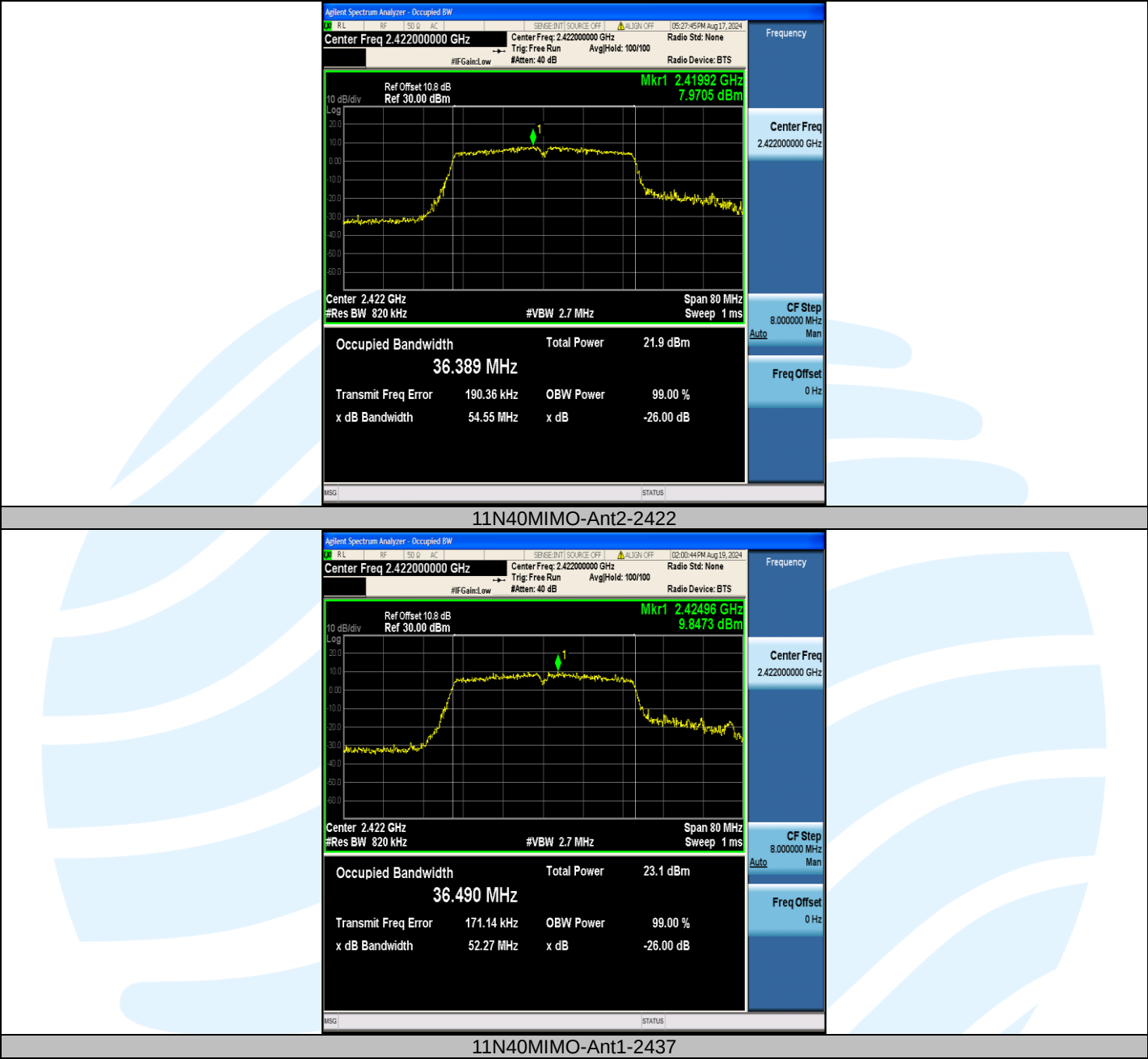
UTTR-RF-FCCPART15.247-V1.2

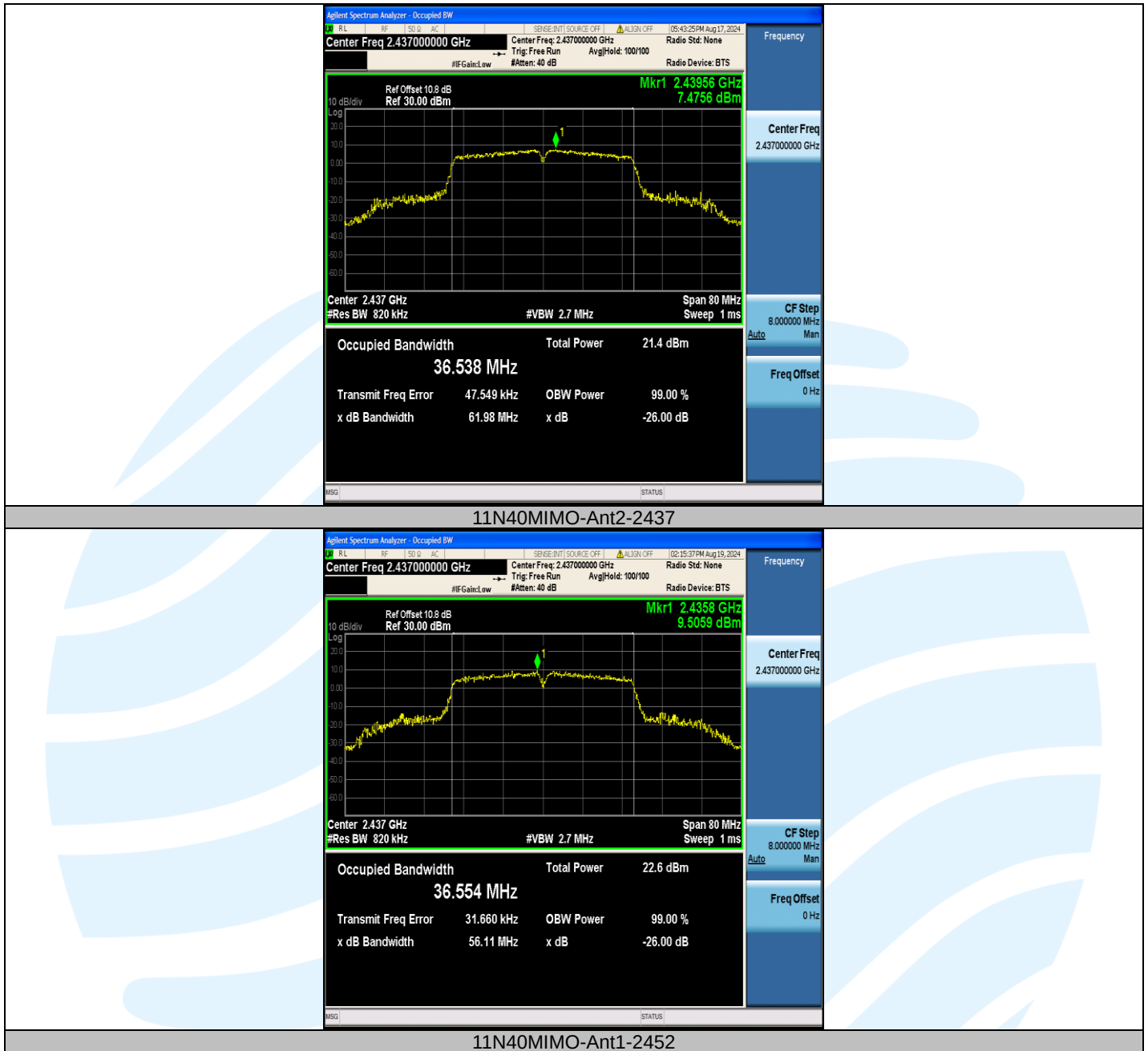


11N20MIMO-Ant2-2462



11N40MIMO-Ant1-2422





Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

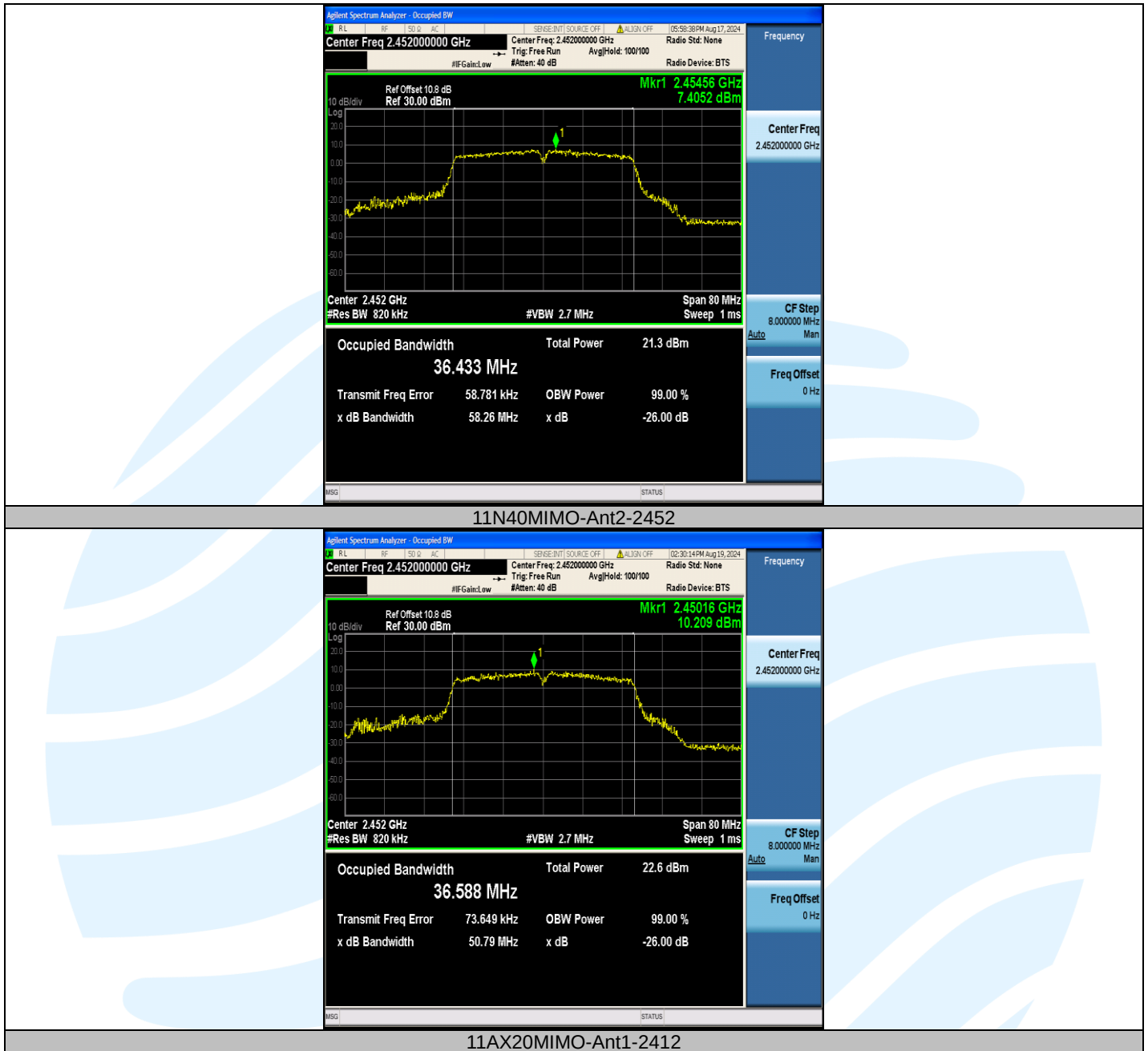
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

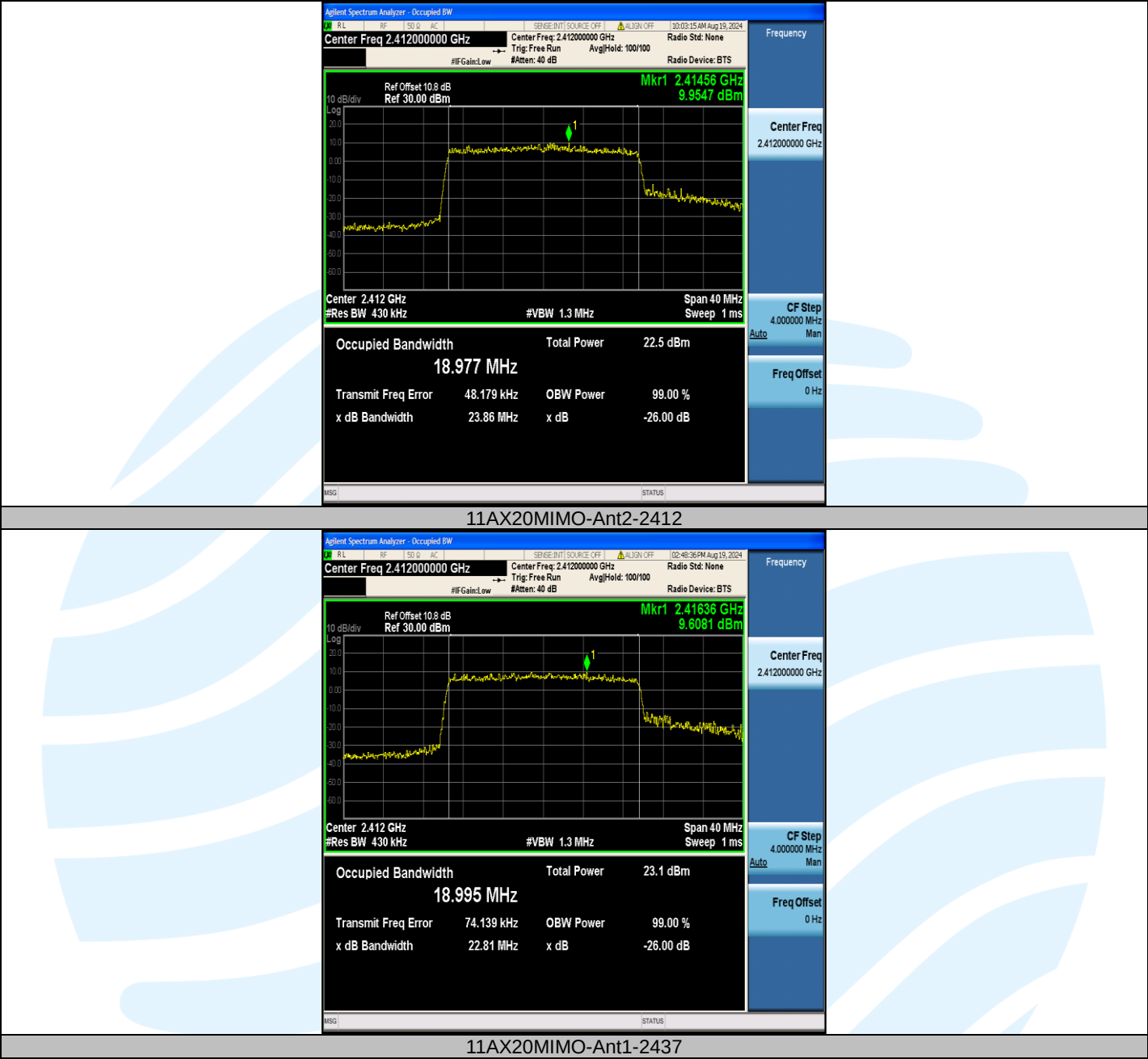
Tel: +86-755-28230888

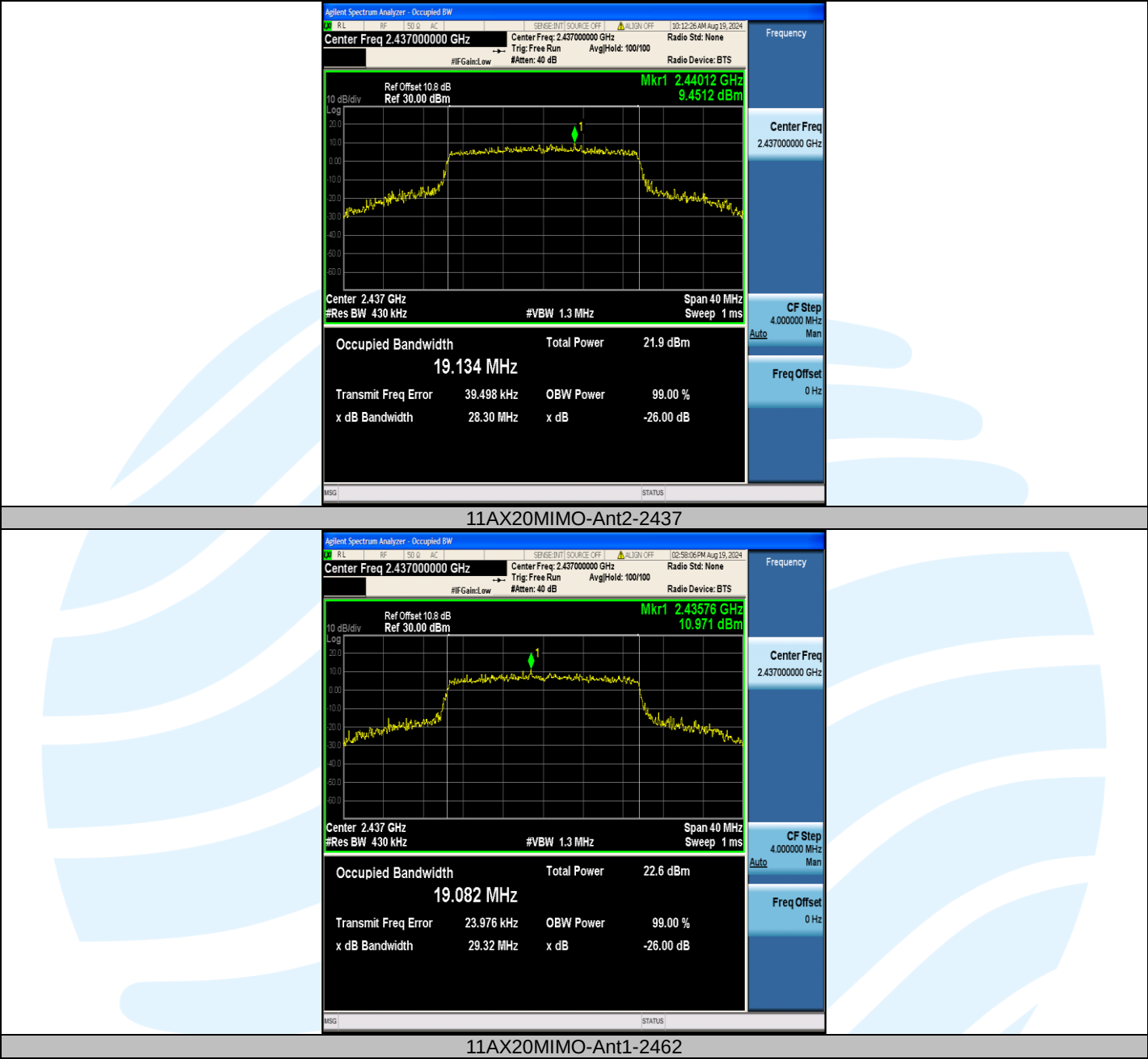
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



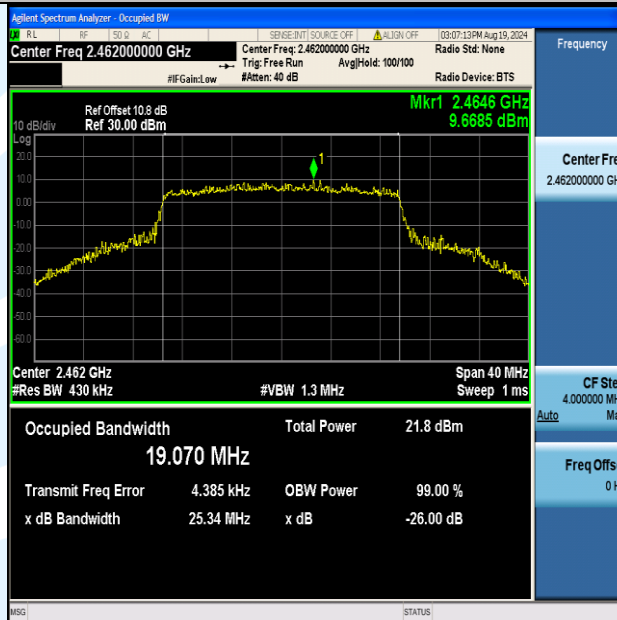


Shenzhen UnionTrust Quality and Technology Co., Ltd.

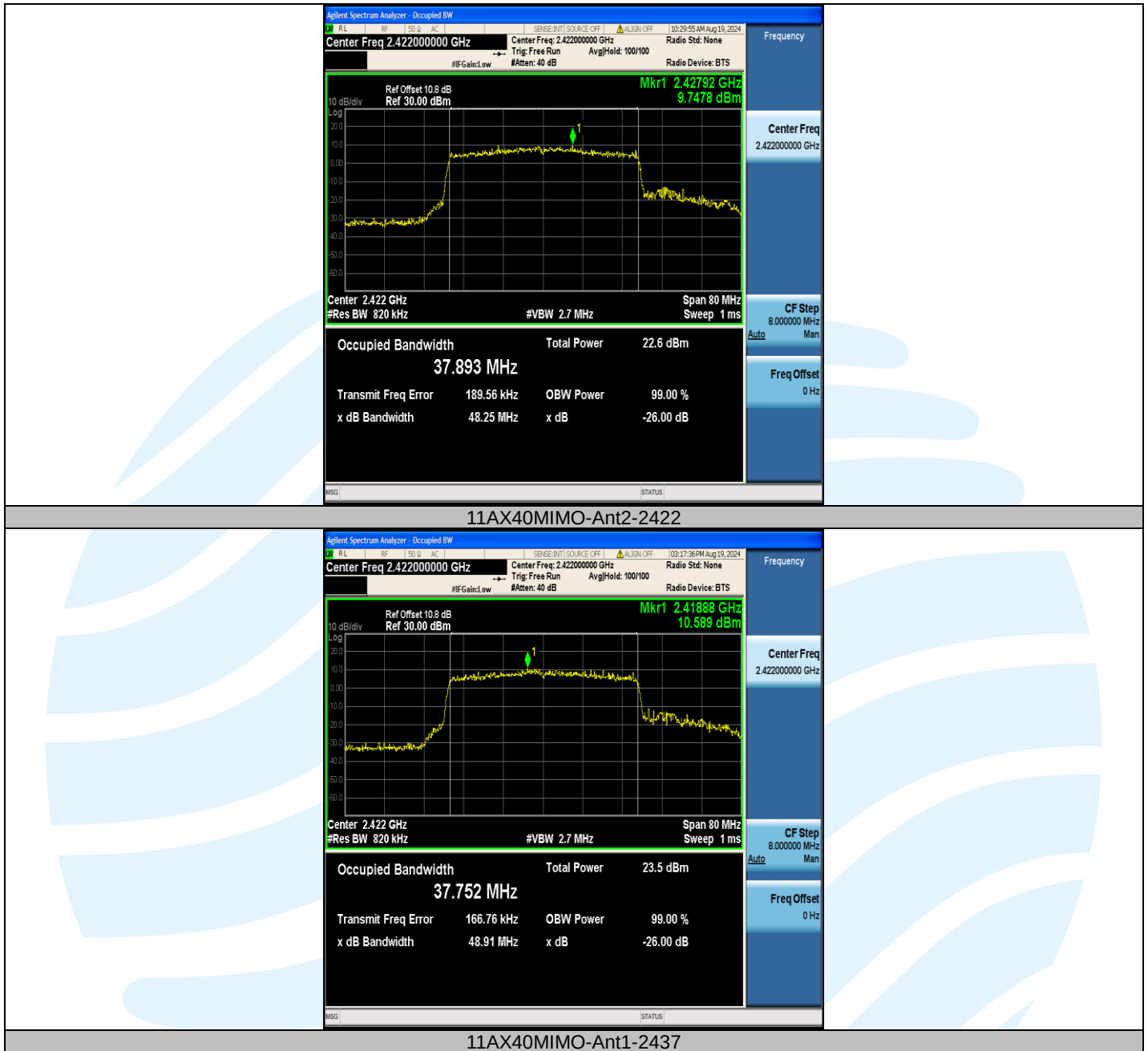
Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China
Tel: +86-755-28230888 Fax: +86-755-28230886 E-mail: info@uttlab.com <http://www.uttlab.com>
UTTR-RF-FCCPART15.247-V1.2



11AX20MIMO-Ant2-2462



11AX40MIMO-Ant1-2422



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

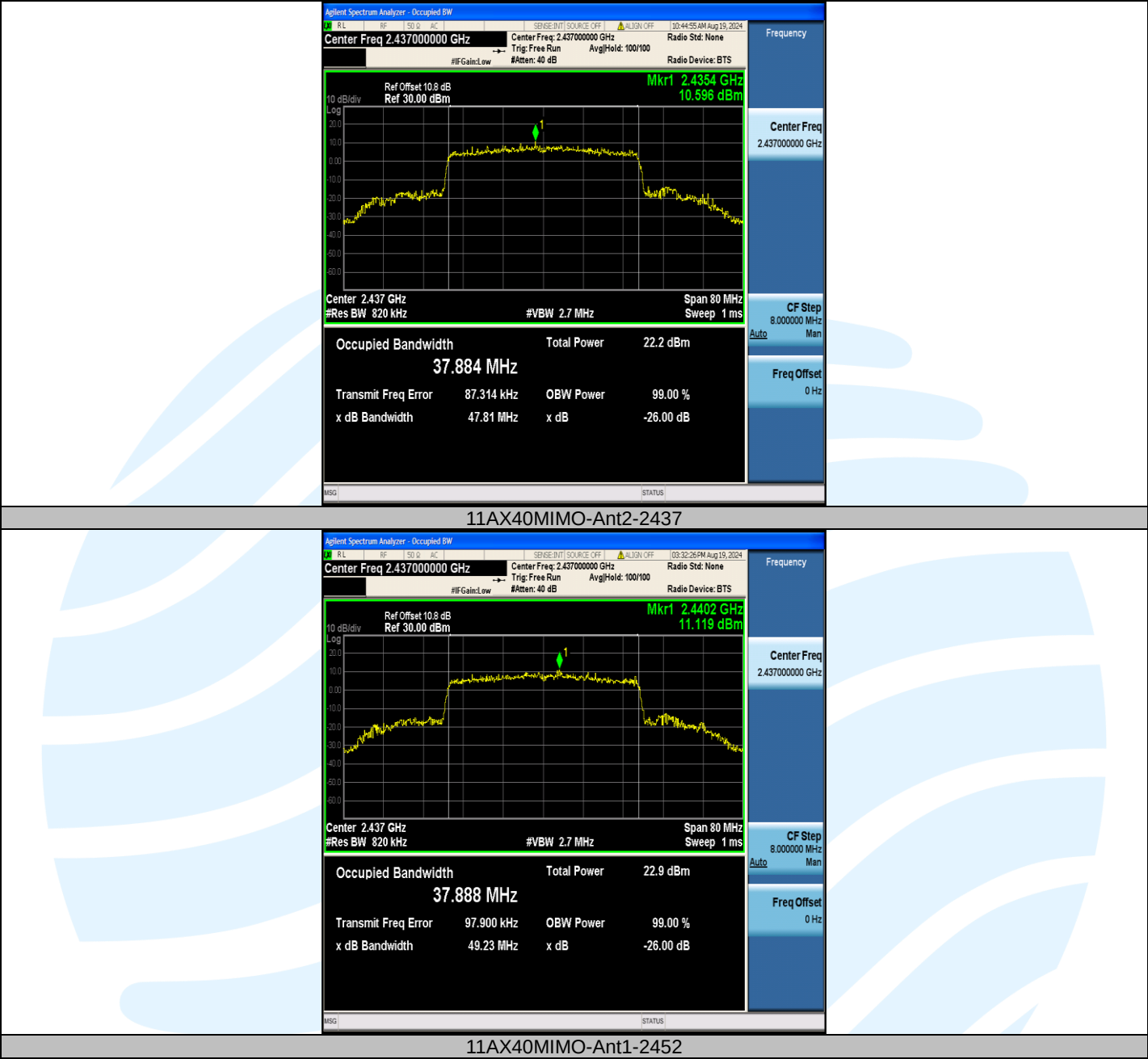
Tel: +86-755-28230888

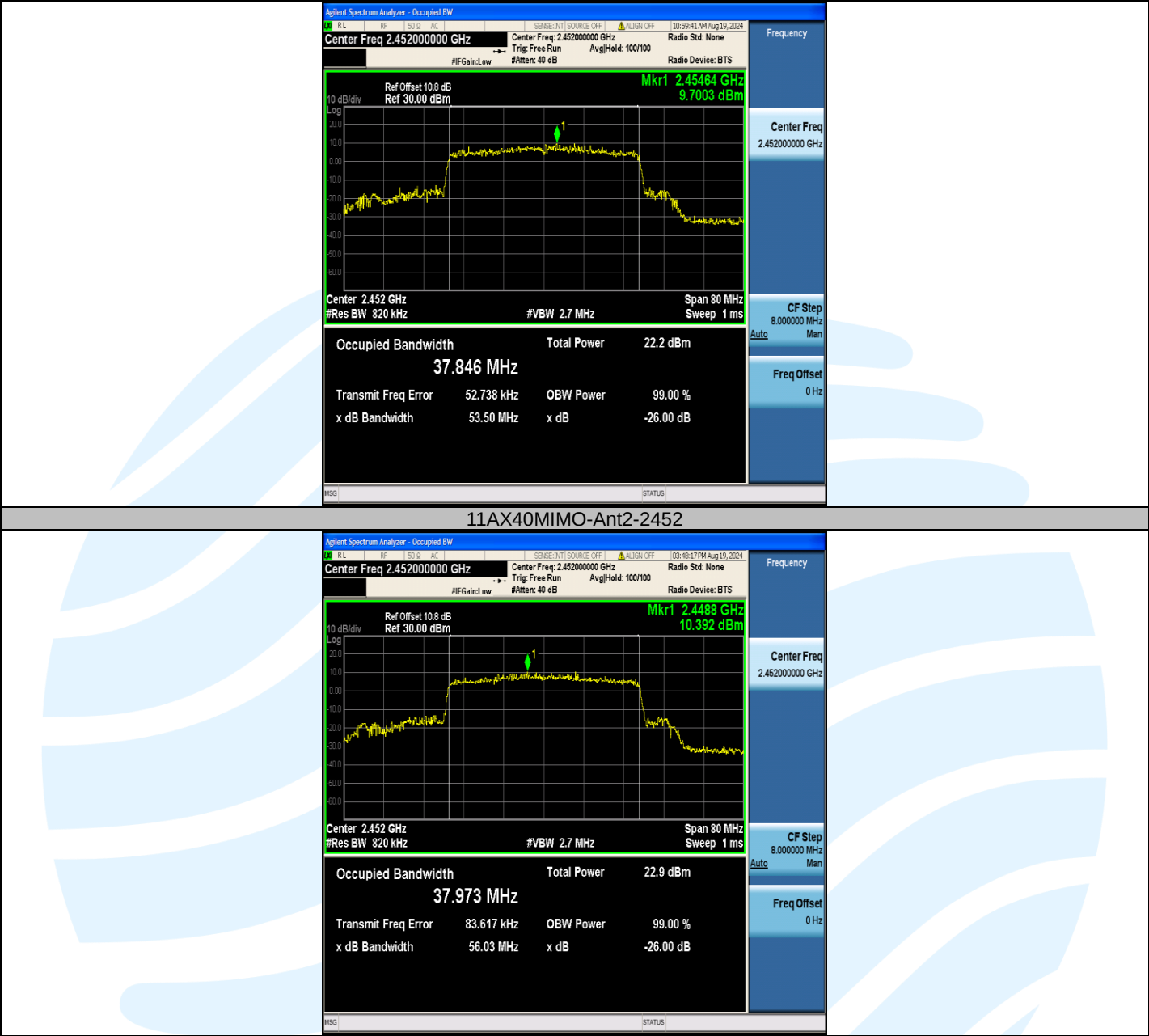
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2





A.3 MAXIMUM POWER SPECTRAL DENSITY

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	0.53	≤8.00	PASS
11B	Ant2	2412	0.80	≤8.00	PASS
11B	Ant1	2437	-0.71	≤8.00	PASS
11B	Ant2	2437	-0.78	≤8.00	PASS
11B	Ant1	2462	-1.04	≤8.00	PASS
11B	Ant2	2462	-0.26	≤8.00	PASS
11G	Ant1	2412	-5.78	≤8.00	PASS
11G	Ant2	2412	-2.65	≤8.00	PASS
11G	Ant1	2437	-6.21	≤8.00	PASS
11G	Ant2	2437	-4.76	≤8.00	PASS
11G	Ant1	2462	-6.42	≤8.00	PASS
11G	Ant2	2462	-6.80	≤8.00	PASS
11N20MIMO	Ant1	2412	-5.72	≤6.87	PASS
11N20MIMO	Ant2	2412	-7.75		PASS
11N20MIMO	total	2412	-3.61		PASS
11N20MIMO	Ant1	2437	-8.78		PASS
11N20MIMO	Ant2	2437	-7.26		PASS
11N20MIMO	total	2437	-4.94		PASS
11N20MIMO	Ant1	2462	-8.26		PASS
11N20MIMO	Ant2	2462	-8.72		PASS
11N20MIMO	total	2462	-5.47		PASS
11N40MIMO	Ant1	2422	-12.14		PASS
11N40MIMO	Ant2	2422	-9.59		PASS
11N40MIMO	total	2422	-7.67		PASS
11N40MIMO	Ant1	2437	-11.28		PASS
11N40MIMO	Ant2	2437	-11.19		PASS
11N40MIMO	total	2437	-8.22		PASS
11N40MIMO	Ant1	2452	-11.67		PASS
11N40MIMO	Ant2	2452	-11.03		PASS
11N40MIMO	total	2452	-8.33		PASS
11AX20MIMO	Ant1	2412	-9.13		PASS
11AX20MIMO	Ant2	2412	-8.83		PASS
11AX20MIMO	total	2412	-5.97		PASS
11AX20MIMO	Ant1	2437	-10.39		PASS
11AX20MIMO	Ant2	2437	-8.91		PASS
11AX20MIMO	total	2437	-6.58		PASS
11AX20MIMO	Ant1	2462	-9.24		PASS
11AX20MIMO	Ant2	2462	-9.86		PASS
11AX20MIMO	total	2462	-6.53		PASS
11AX40MIMO	Ant1	2422	-12.39		PASS
11AX40MIMO	Ant2	2422	-11.30		PASS
11AX40MIMO	total	2422	-8.80		PASS
11AX40MIMO	Ant1	2437	-12.65		PASS
11AX40MIMO	Ant2	2437	-11.97		PASS
11AX40MIMO	total	2437	-9.29		PASS
11AX40MIMO	Ant1	2452	-12.27		PASS
11AX40MIMO	Ant2	2452	-12.24		PASS
11AX40MIMO	total	2452	-9.24		PASS

Test Graphs

11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

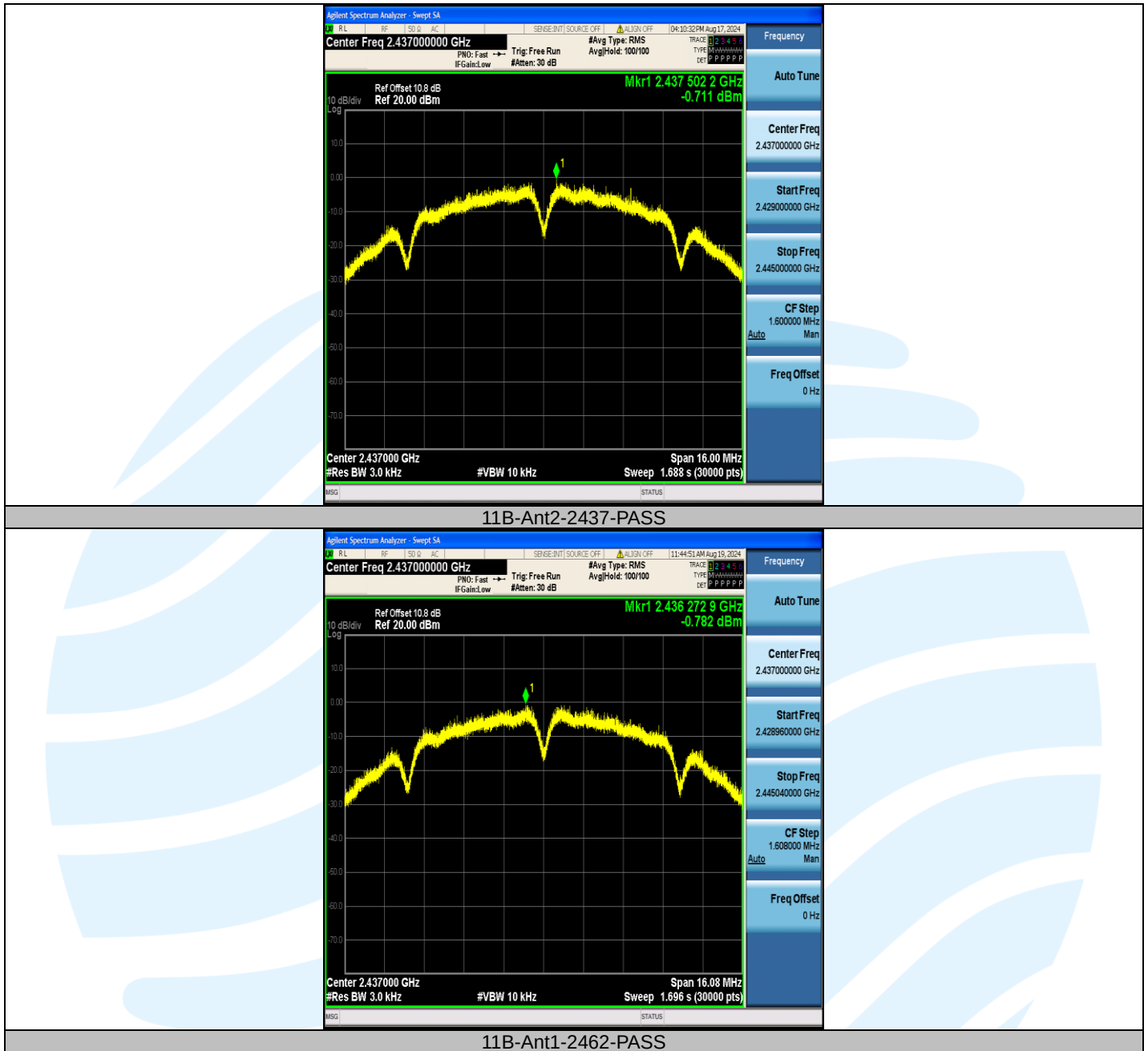
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

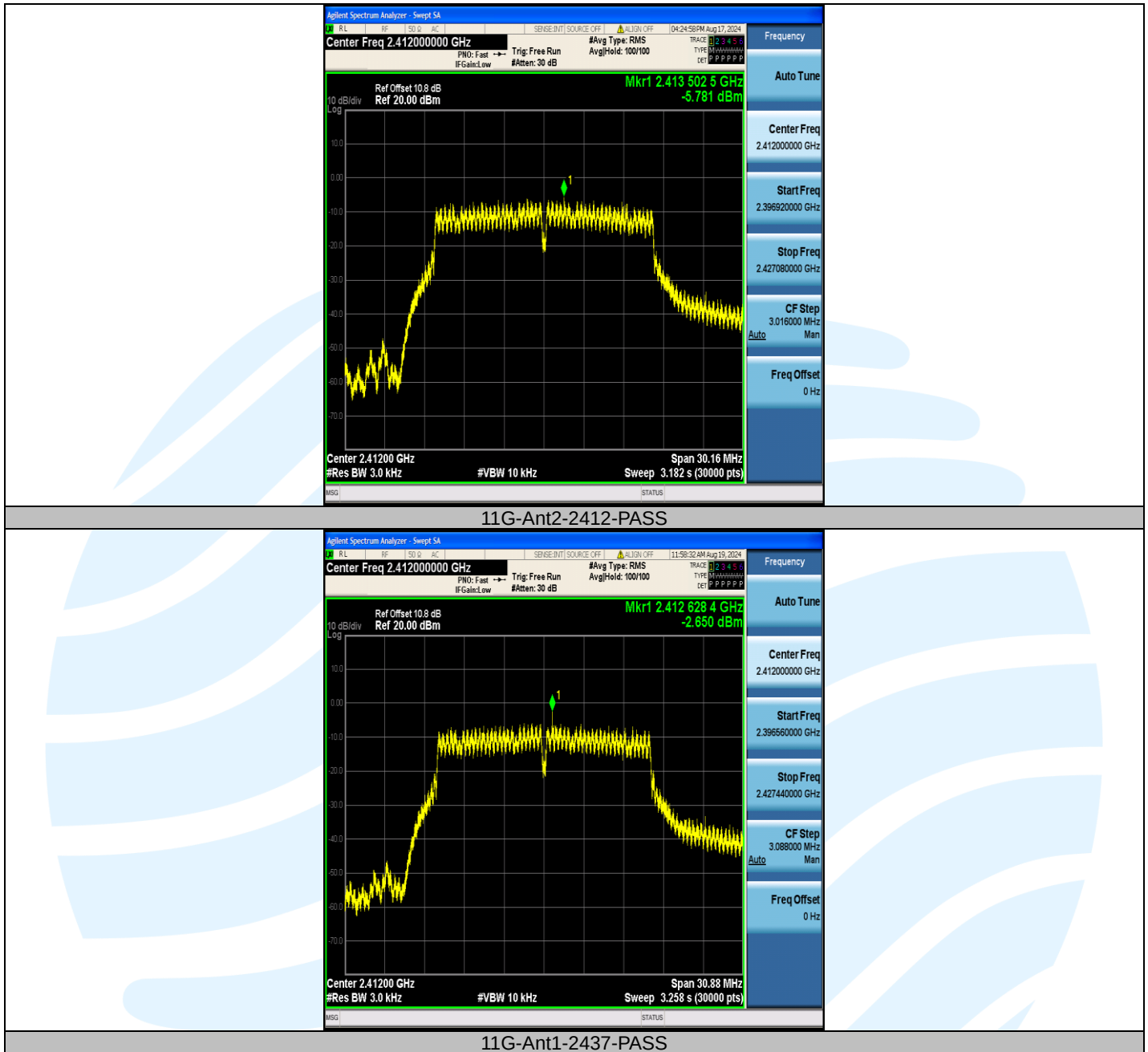
UTTR-RF-FCCPART15.247-V1.2



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

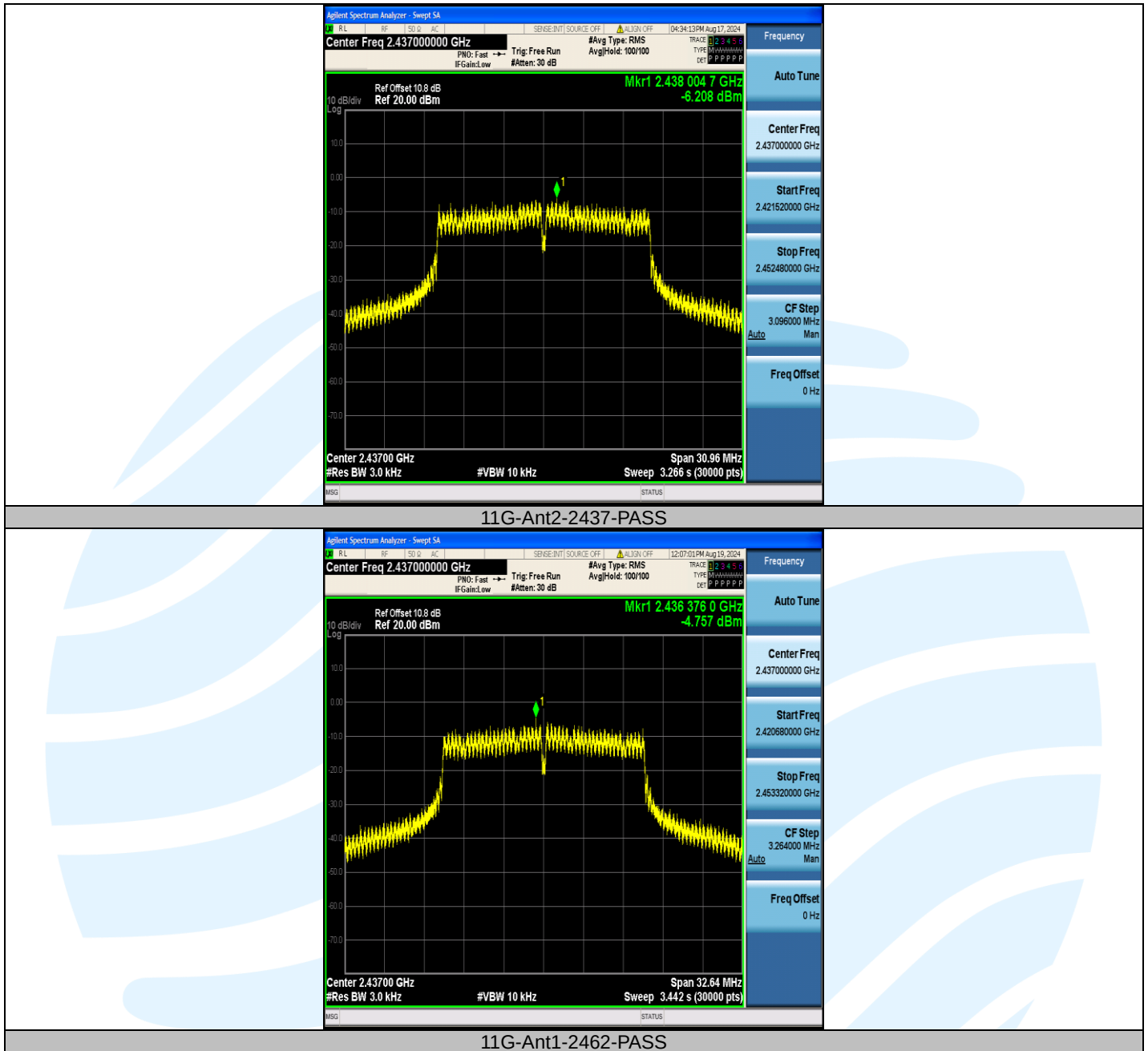
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

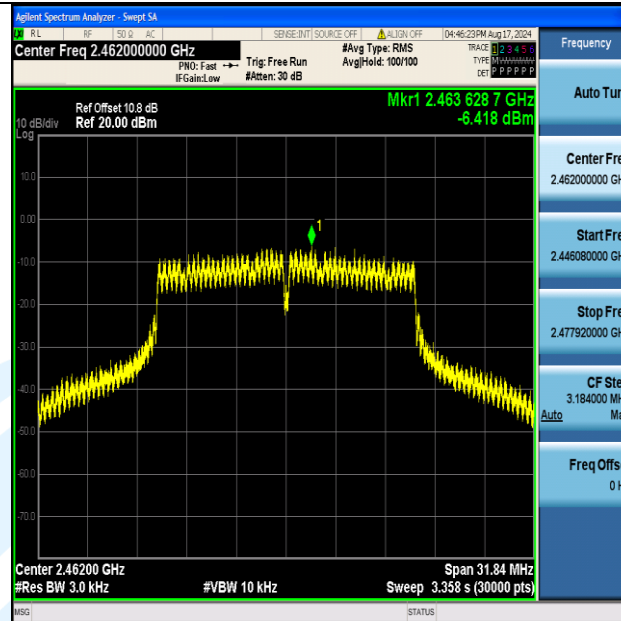
Tel: +86-755-28230888

Fax: +86-755-28230886

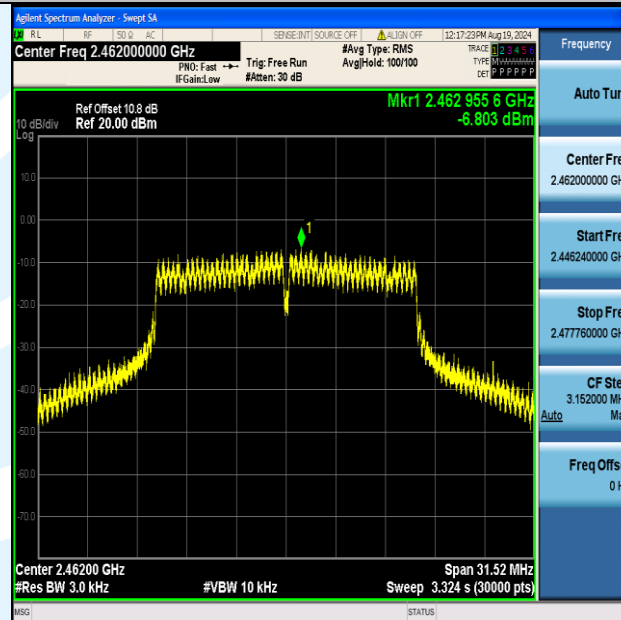
E-mail: info@uttlab.com

<http://www.uttlab.com>

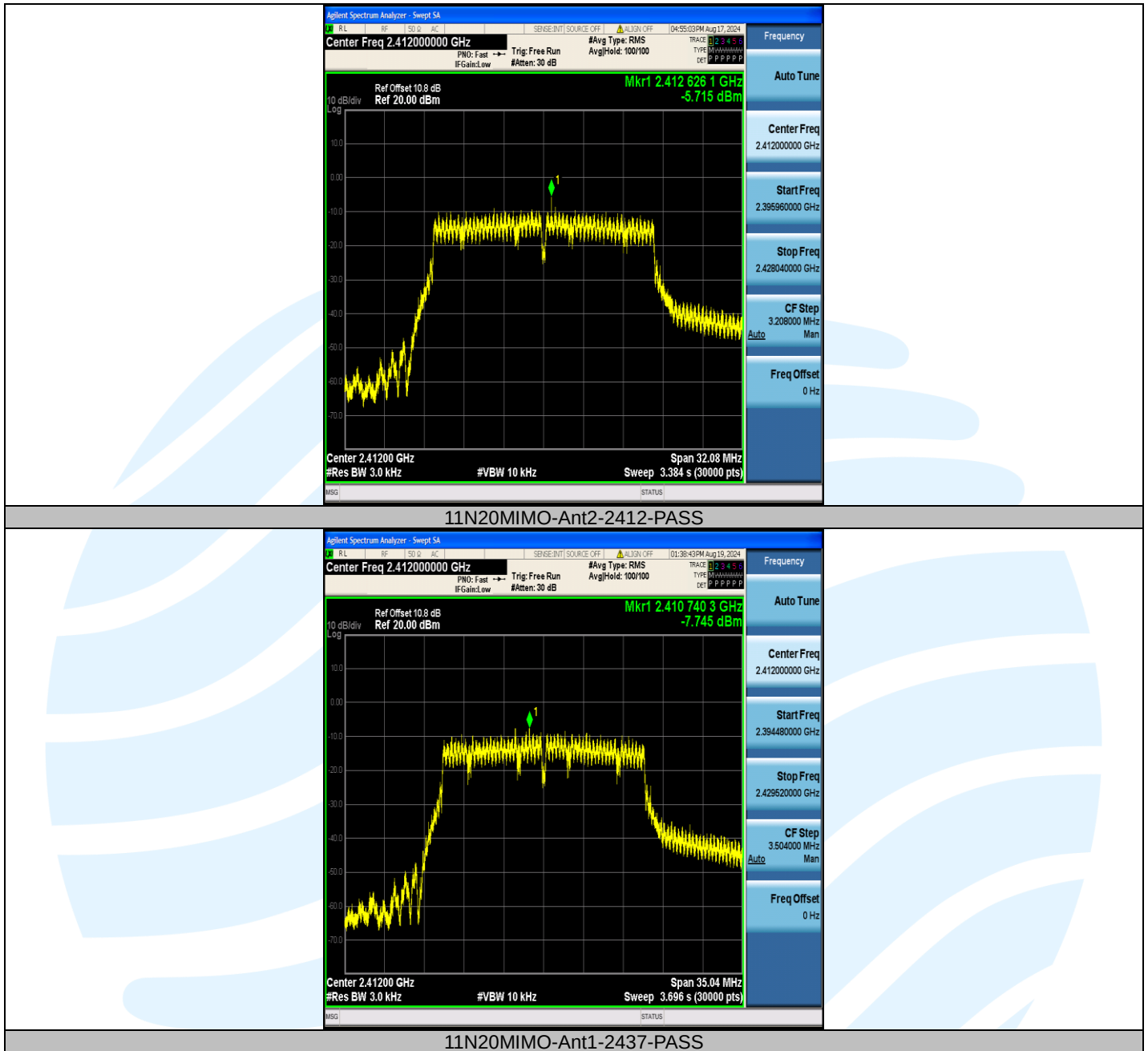
UTTR-RF-FCCPART15.247-V1.2



11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

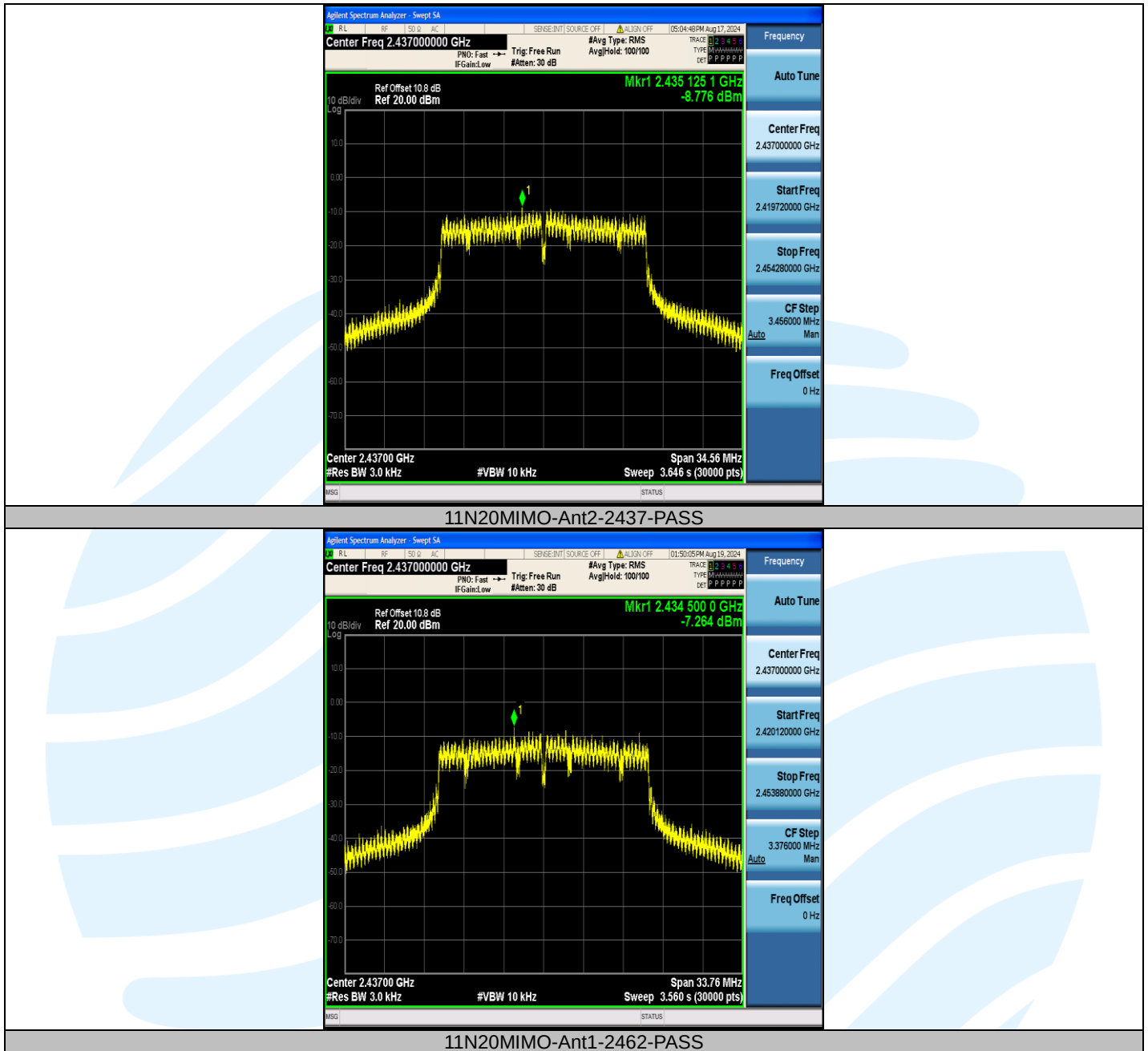
Tel: +86-755-28230888

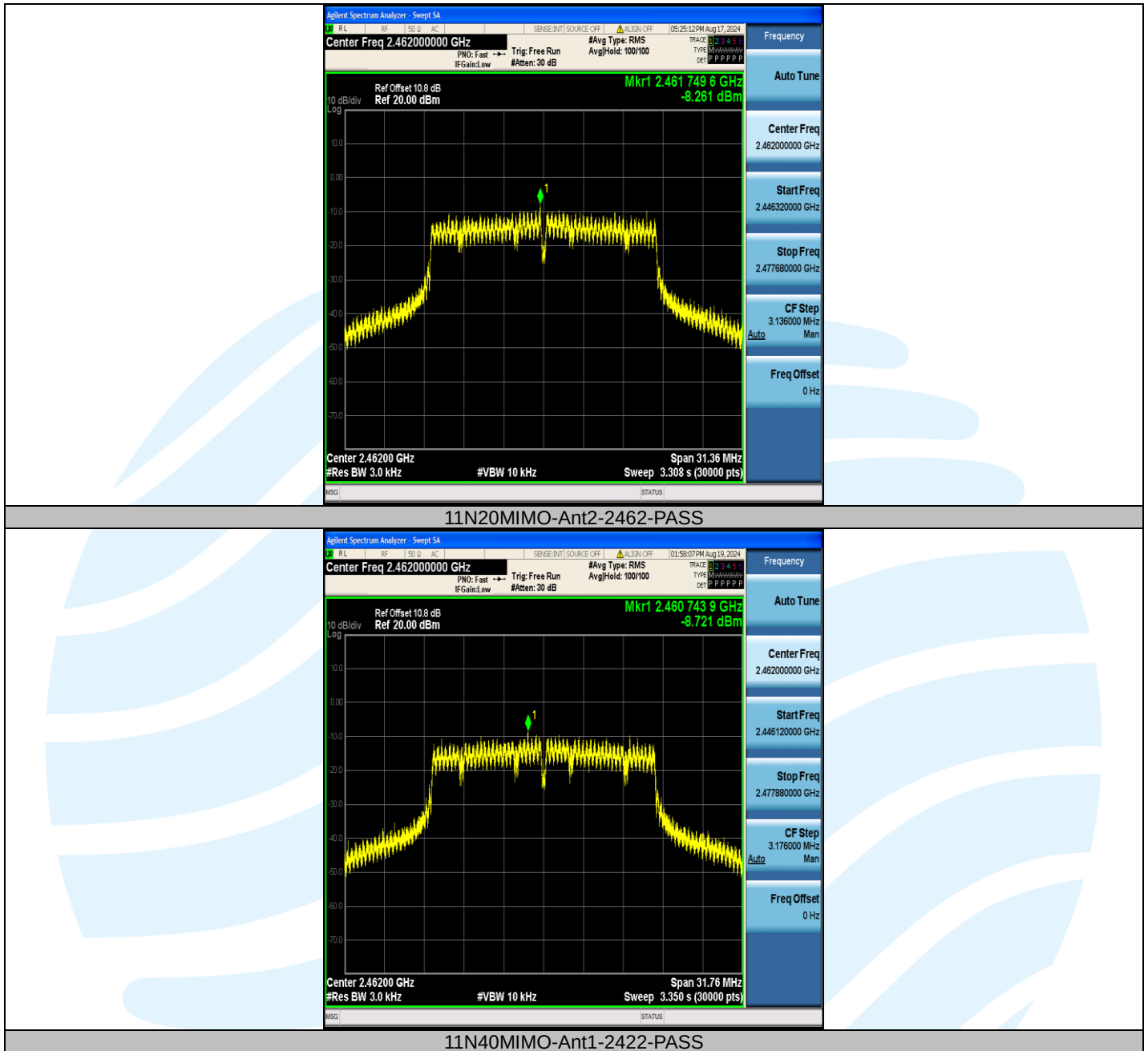
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2





Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

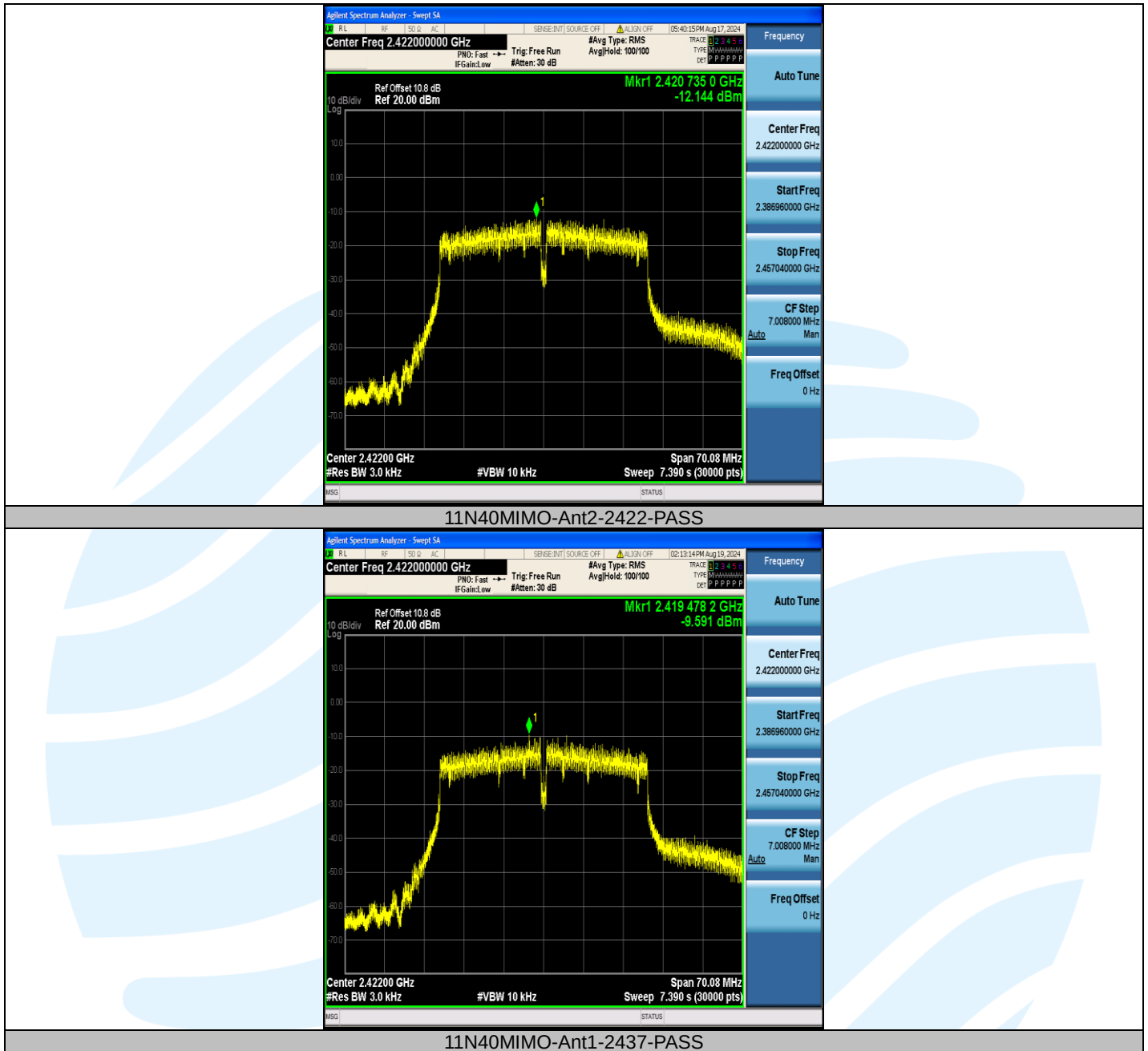
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

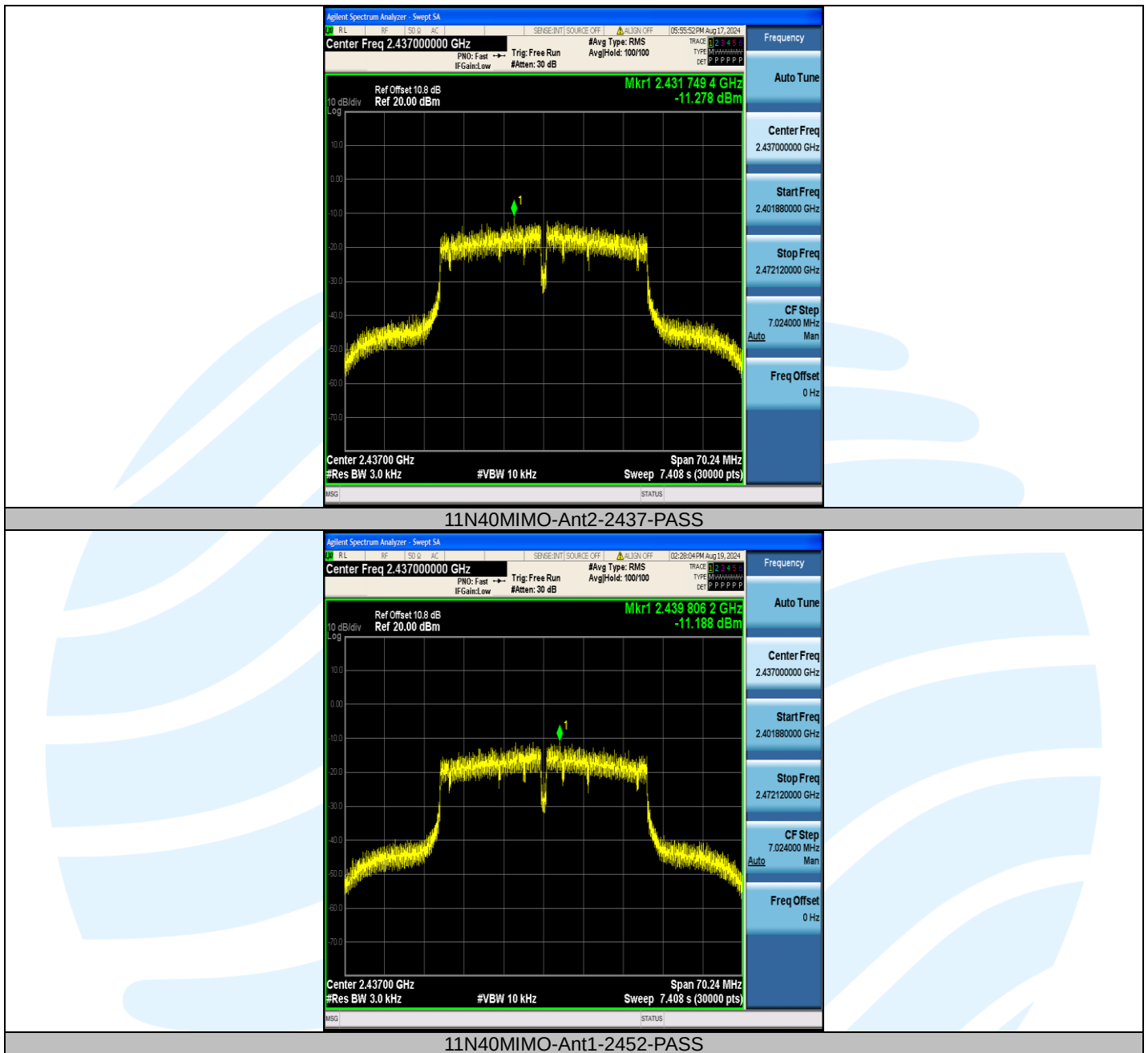
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

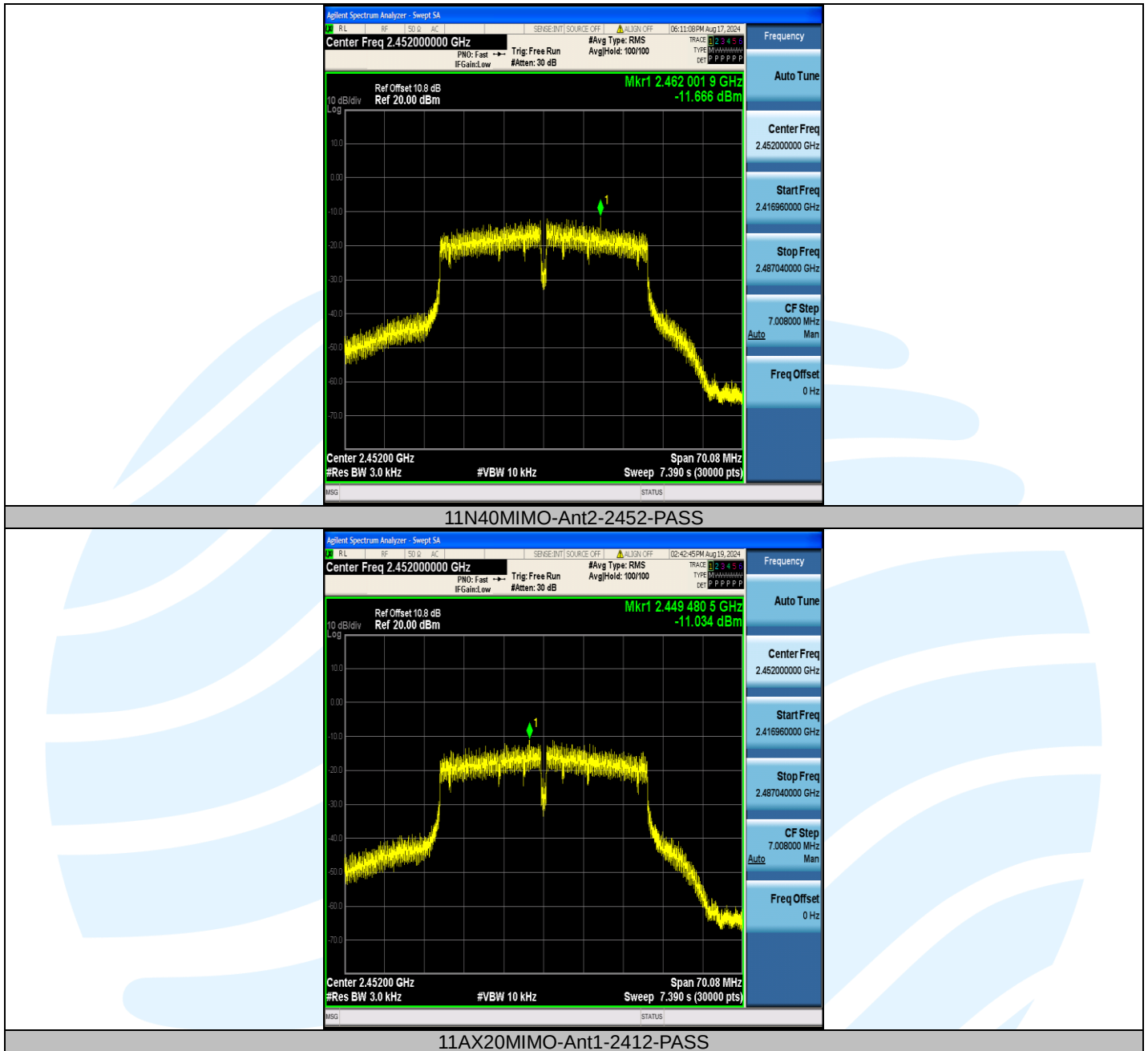
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

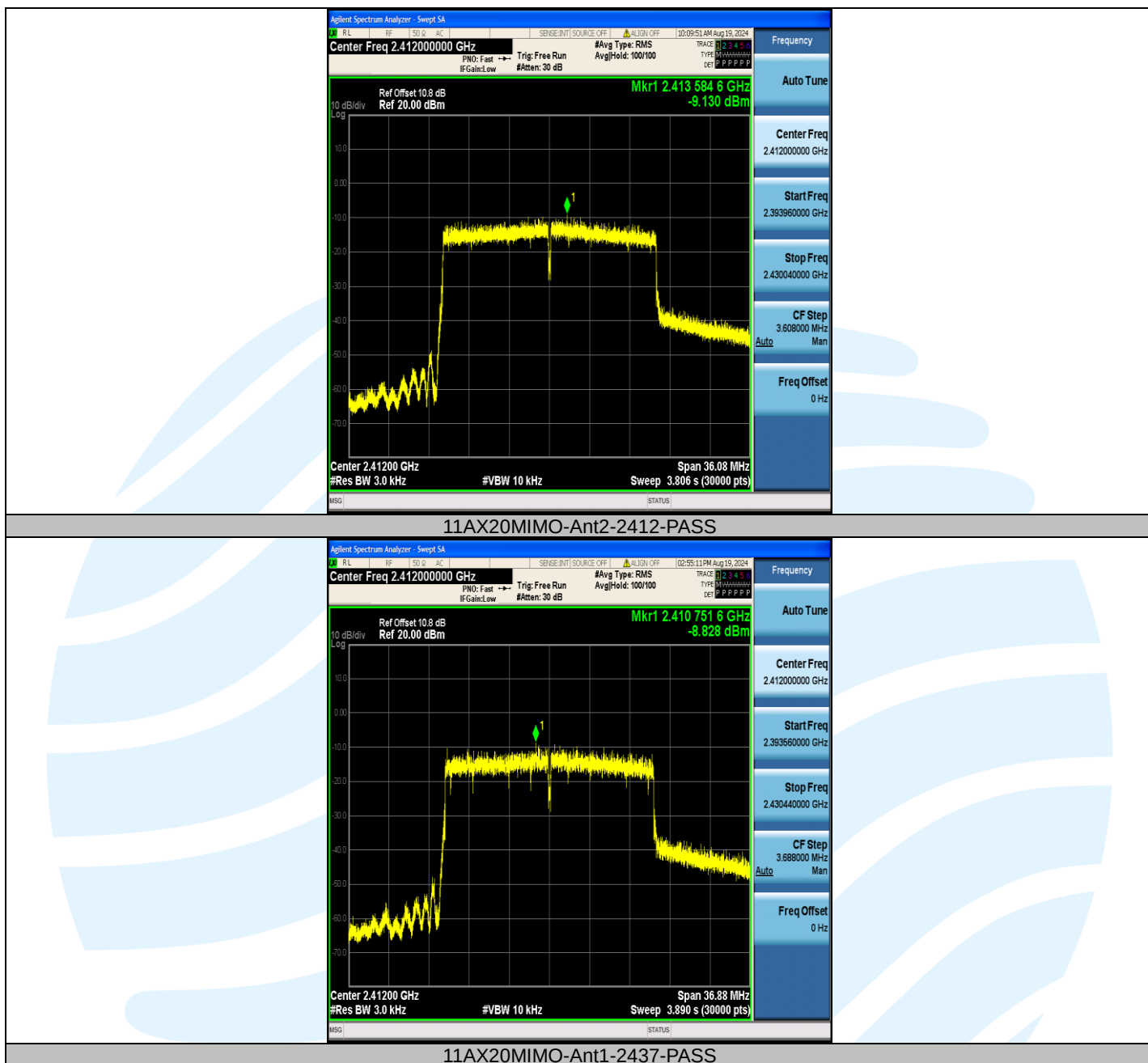
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

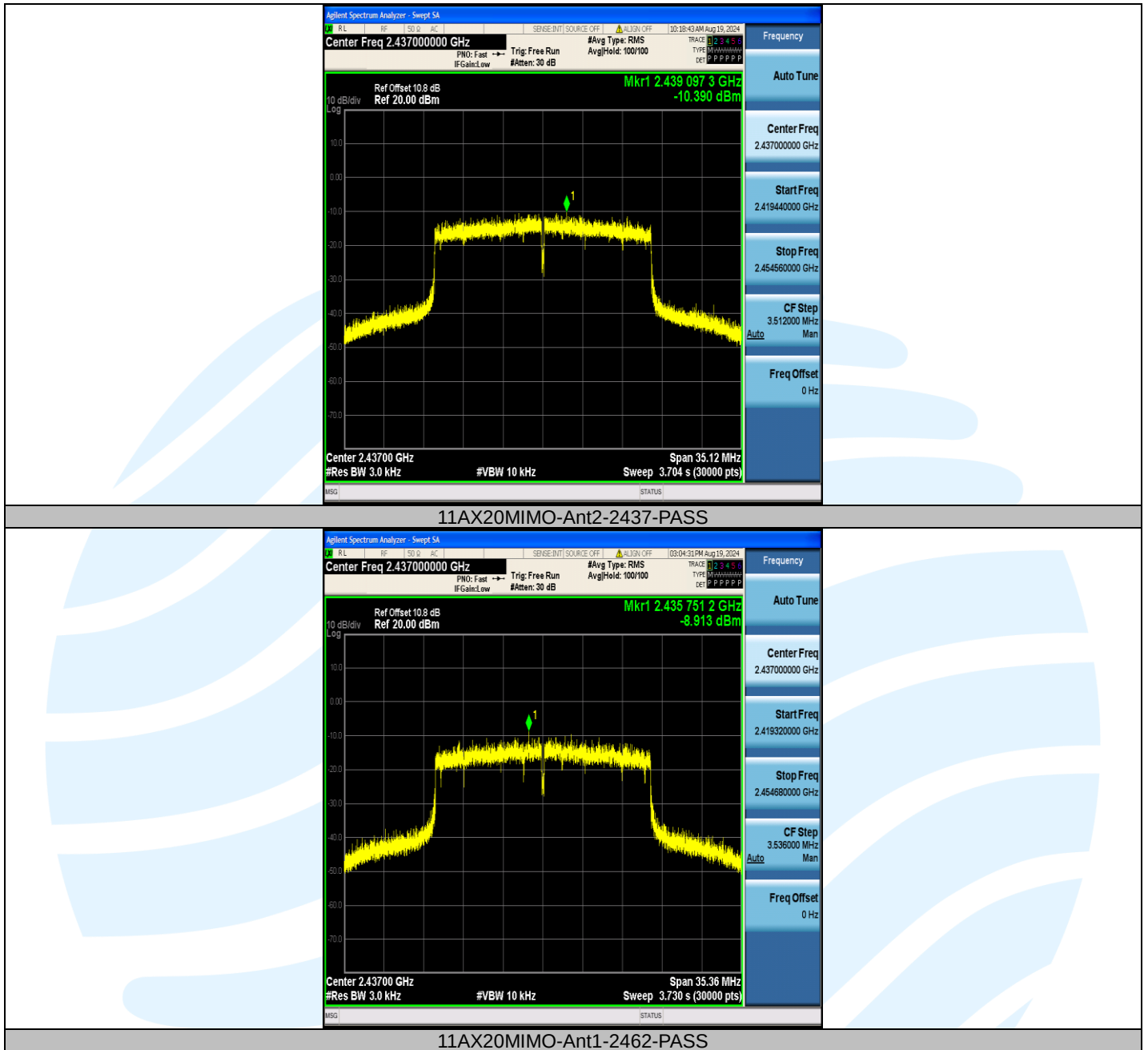
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2