

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

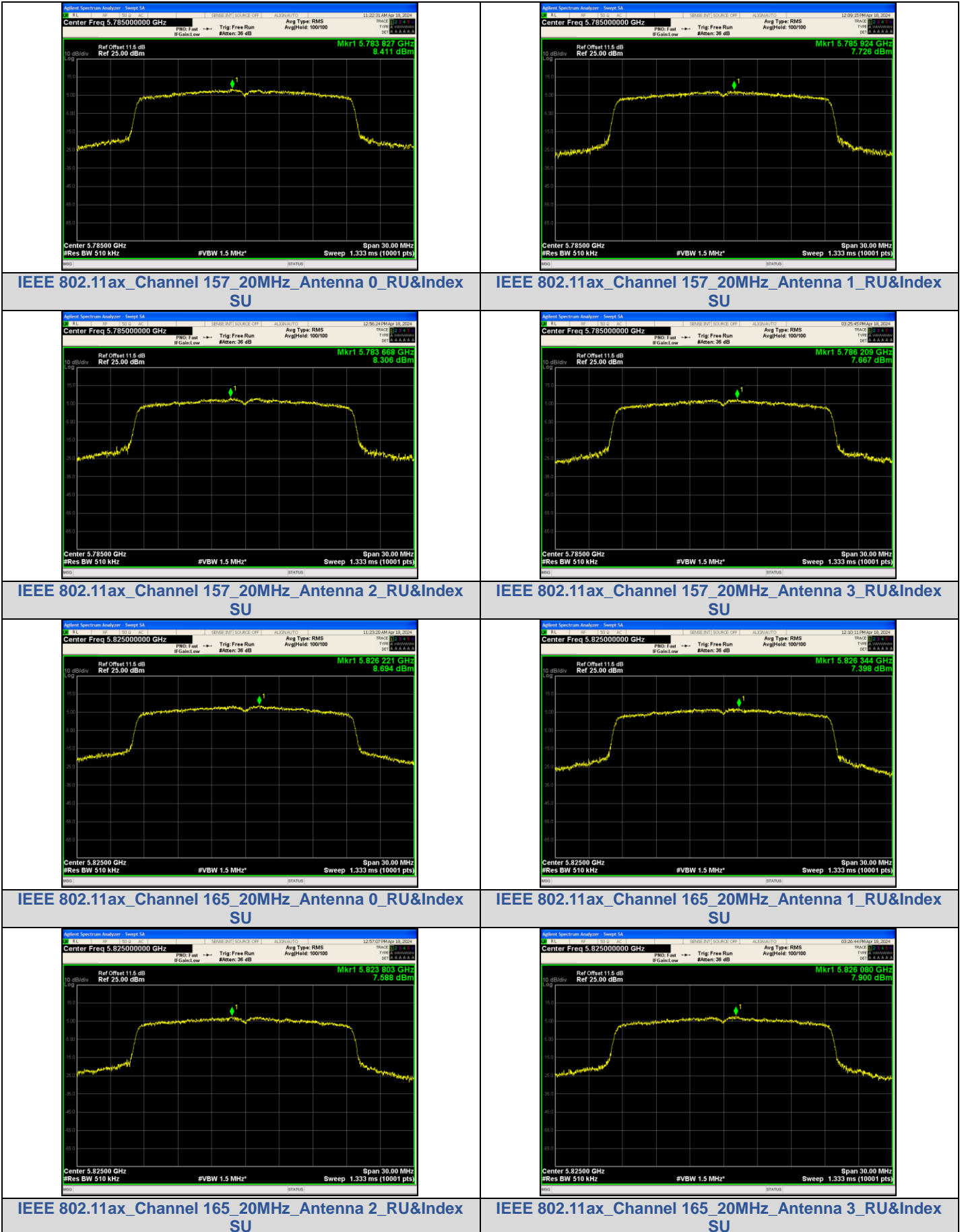
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

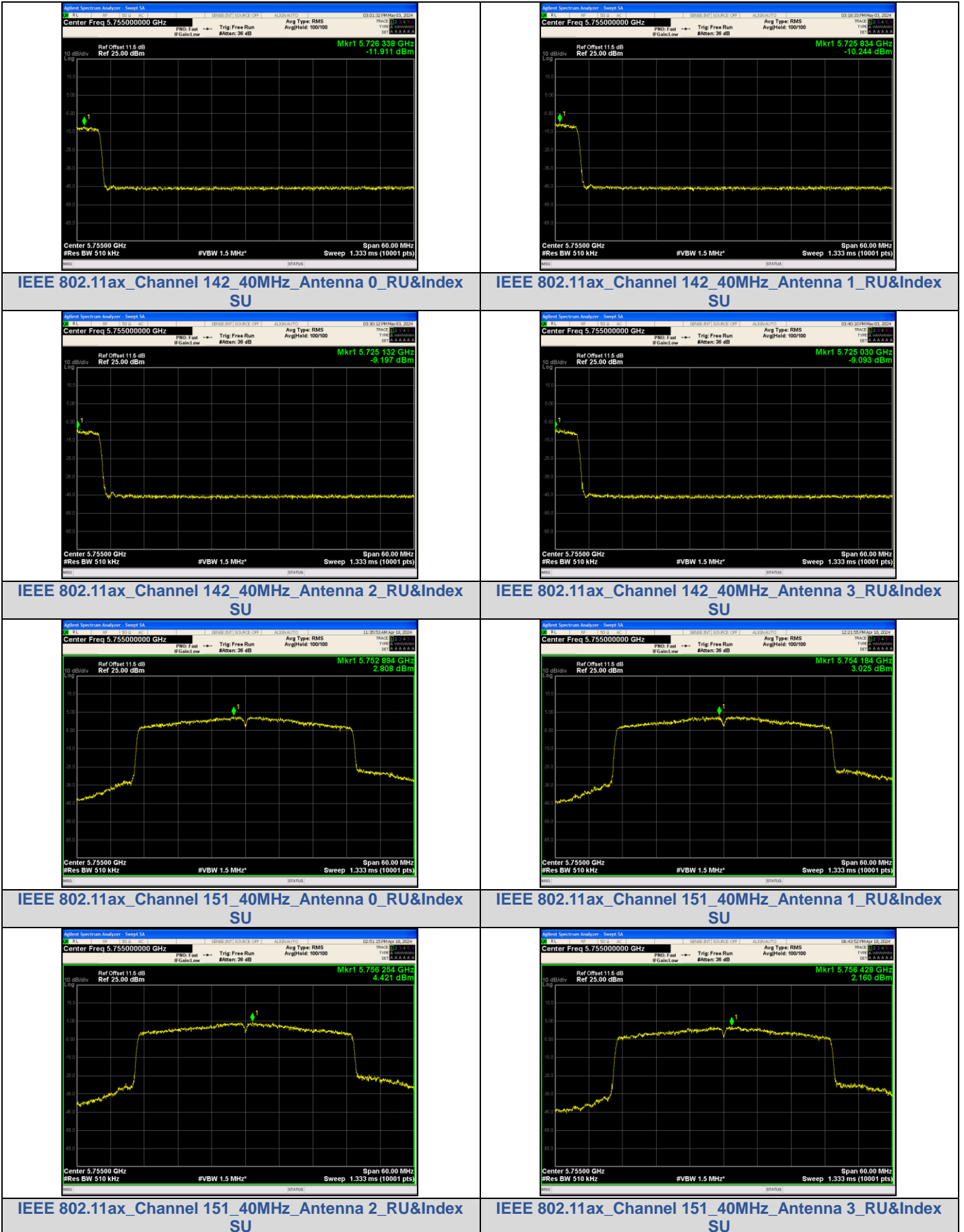
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

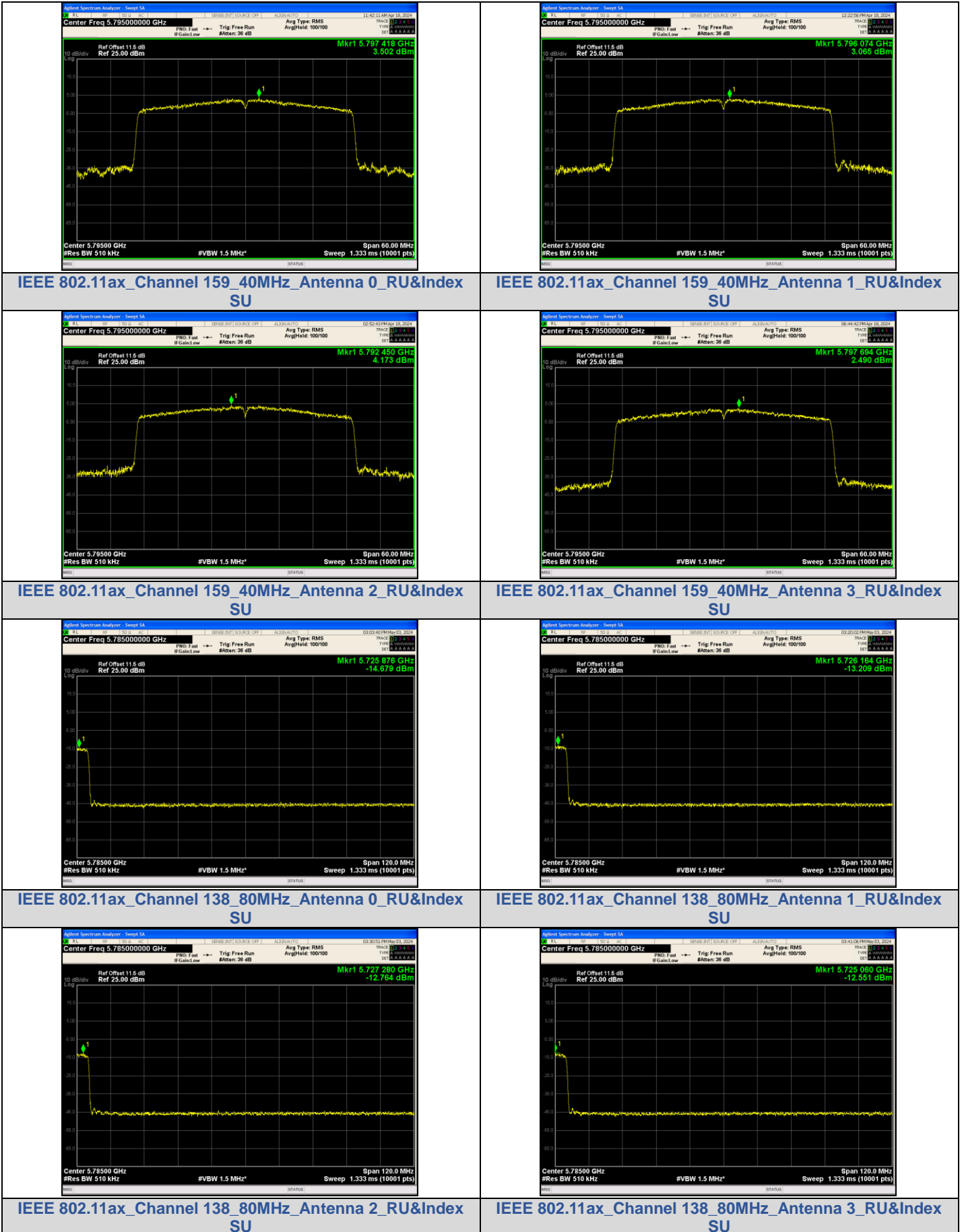
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

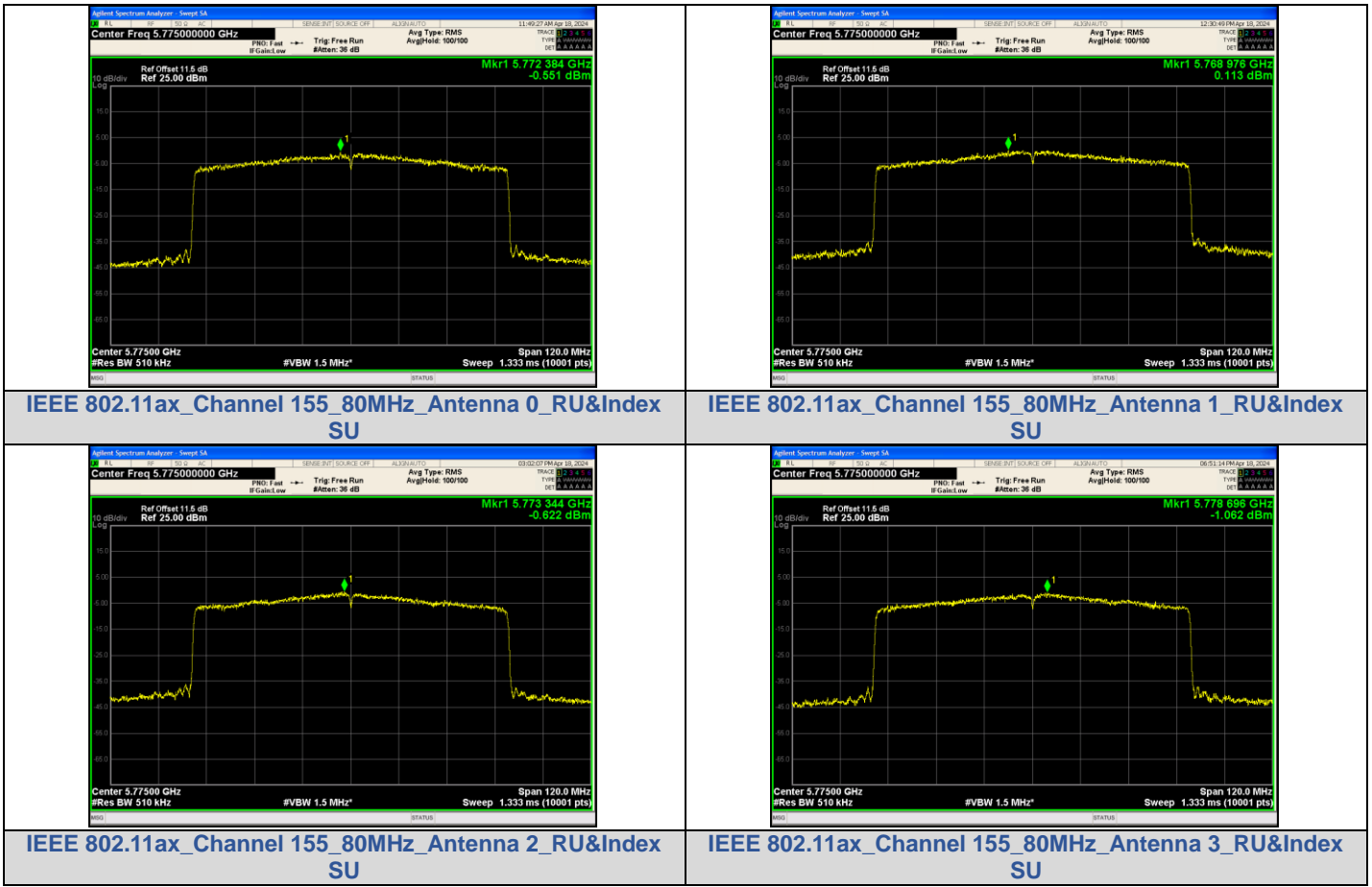
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-V1.2



IEEE 802.11ax_Channel 155_80MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU

IEEE 802.11ax_Channel 155_80MHz_Antenna 2_RU&Index SU

IEEE 802.11ax_Channel 155_80MHz_Antenna 3_RU&Index SU

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-EN300328-V1.2

A.4 6DB BANDWIDTH

For U-NII-3 Band:

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	144	N/A	0	5720	3.147	≥0.5	PASS
			1	5720	3.157		PASS
			2	5720	3.222		PASS
			3	5720	3.225		PASS
	149		0	5745	15.15		PASS
			1	5745	16.29		PASS
			2	5745	12.55		PASS
			3	5745	13.16		PASS
	157		0	5785	15.31		PASS
			1	5785	15.76		PASS
			2	5785	15.08		PASS
			3	5785	12.93		PASS
	165		0	5825	15.09		PASS
			1	5825	15.05		PASS
			2	5825	13.51		PASS
			3	5825	15.42		PASS
IEEE 802.11n_20	144	0	5720	3.738	PASS		
		1	5720	3.760	PASS		
		2	5720	3.738	PASS		
		3	5720	3.765	PASS		
	149	0	5745	15.12	PASS		
		1	5745	16.28	PASS		
		2	5745	16.94	PASS		
		3	5745	15.30	PASS		
	157	0	5785	15.10	PASS		
		1	5785	17.10	PASS		
		2	5785	15.68	PASS		
		3	5785	15.88	PASS		
	165	0	5825	15.13	PASS		
		1	5825	17.56	PASS		
		2	5825	15.69	PASS		
		3	5825	15.14	PASS		
IEEE 802.11n_40	142	0	5710	3.112	PASS		
		1	5710	3.147	PASS		
		2	5710	3.155	PASS		
		3	5710	3.196	PASS		
	151	0	5755	35.05	PASS		
		1	5755	35.01	PASS		
		2	5755	33.82	PASS		
		3	5755	35.07	PASS		
	159	0	5795	35.06	PASS		
		1	5795	33.87	PASS		
		2	5795	35.08	PASS		
		3	5795	35.05	PASS		
	IEEE 802.11ac_20	144	0	5720	3.733	PASS	
			1	5720	3.748	PASS	
			2	5720	3.757	PASS	
			3	5720	3.759	PASS	
149		0	5745	15.11	PASS		
		1	5745	16.53	PASS		
		2	5745	16.93	PASS		
		3	5745	15.93	PASS		
157		0	5785	15.11	PASS		
		1	5785	16.26	PASS		
		2	5785	15.63	PASS		
		3	5785	15.31	PASS		
165		0	5825	15.13	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-EN300328-V1.2

			1	5825	17.14		PASS		
			2	5825	15.65		PASS		
			3	5825	15.10		PASS		
IEEE 802.11ac_40	142		0	5710	3.120		PASS		
			1	5710	3.143		PASS		
			2	5710	3.139		PASS		
	151		3	5710	3.113		PASS		
			0	5755	35.04		PASS		
			1	5755	35.03		PASS		
	159		2	5755	35.06		PASS		
			3	5755	35.04		PASS		
			0	5795	35.02		PASS		
IEEE 802.11ac_80	138		1	5795	35.04		PASS		
			2	5795	35.08		PASS		
			3	5795	35.06		PASS		
	155		0	5690	3.125		PASS		
			1	5690	3.140		PASS		
			2	5690	3.137		PASS		
	IEEE 802.11ax_20		144		3	5690	3.138		PASS
					0	5775	75.03		PASS
					1	5775	75.08		PASS
149		2	5775		75.02		PASS		
		3	5775		72.55		PASS		
		0	5720		4.365		PASS		
157		1	5720		4.330		PASS		
		2	5720		4.123		PASS		
		3	5720		4.377		PASS		
165	0	5745	15.50		PASS				
	1	5745	15.10		PASS				
	2	5745	18.02		PASS				
IEEE 802.11ax_40	142		3	5745	15.66		PASS		
			0	5785	17.57		PASS		
			1	5785	17.79		PASS		
	151		2	5785	15.73		PASS		
			3	5785	16.47		PASS		
			0	5825	16.04		PASS		
	159		1	5825	16.34		PASS		
			2	5825	15.76		PASS		
			3	5825	17.14		PASS		
IEEE 802.11ax_80	138		0	5710	3.920		PASS		
			1	5710	3.997		PASS		
			2	5710	4.057		PASS		
	151		3	5710	3.920		PASS		
			0	5755	35.29		PASS		
			1	5755	35.07		PASS		
	159		2	5755	35.04		PASS		
			3	5755	35.05		PASS		
			0	5795	35.74		PASS		
IEEE 802.11ax_80	138		1	5795	35.08		PASS		
			2	5795	35.06		PASS		
			3	5795	35.04		PASS		
	155		0	5690	3.963		PASS		
			1	5690	3.991		PASS		
			2	5690	3.945		PASS		
					3	5690	4.003		PASS
					0	5775	75.01		PASS
					1	5775	75.07		PASS
			2	5775	75.05		PASS		
			3	5775	75.06		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

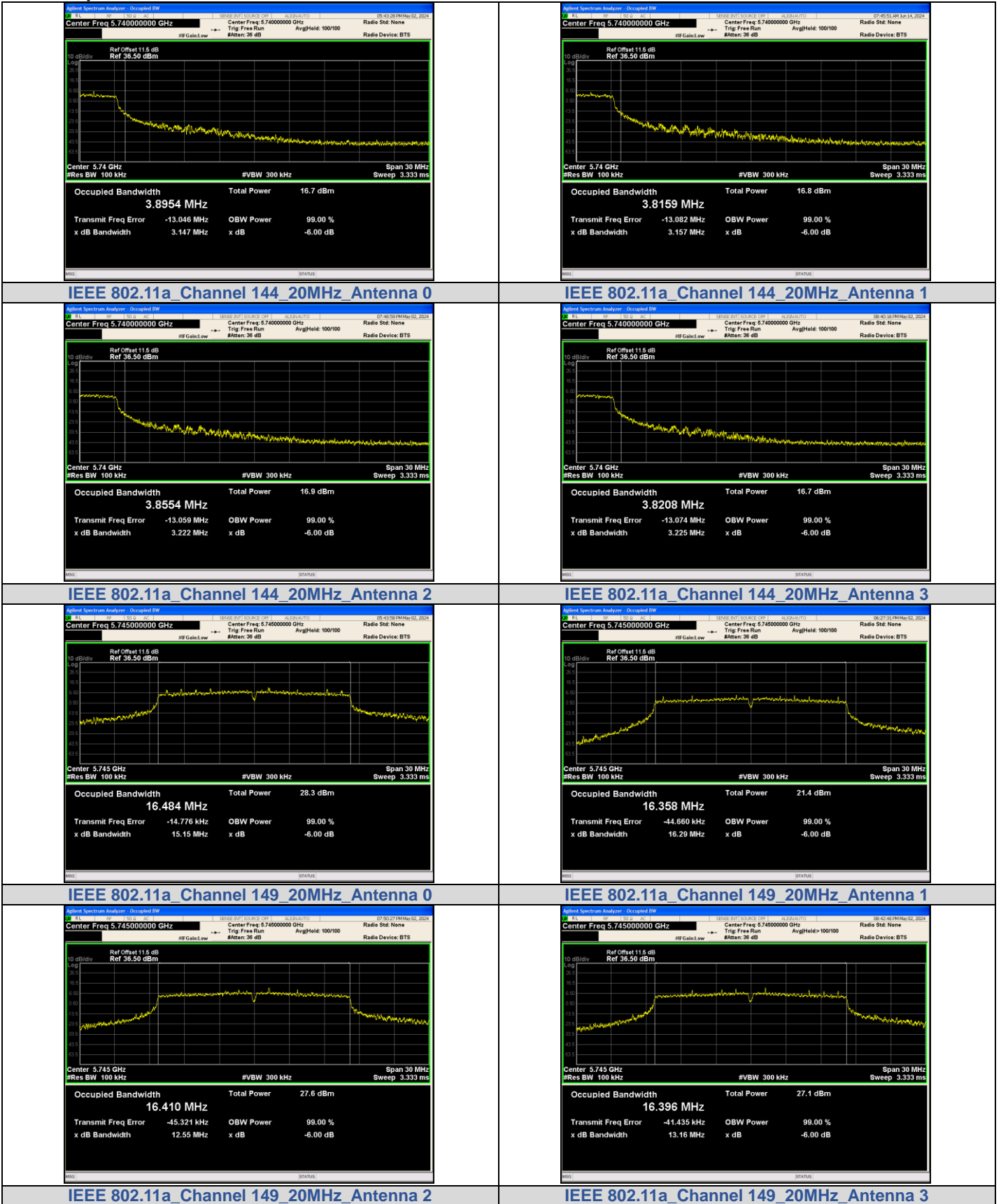
Fax: +86-755-28230886

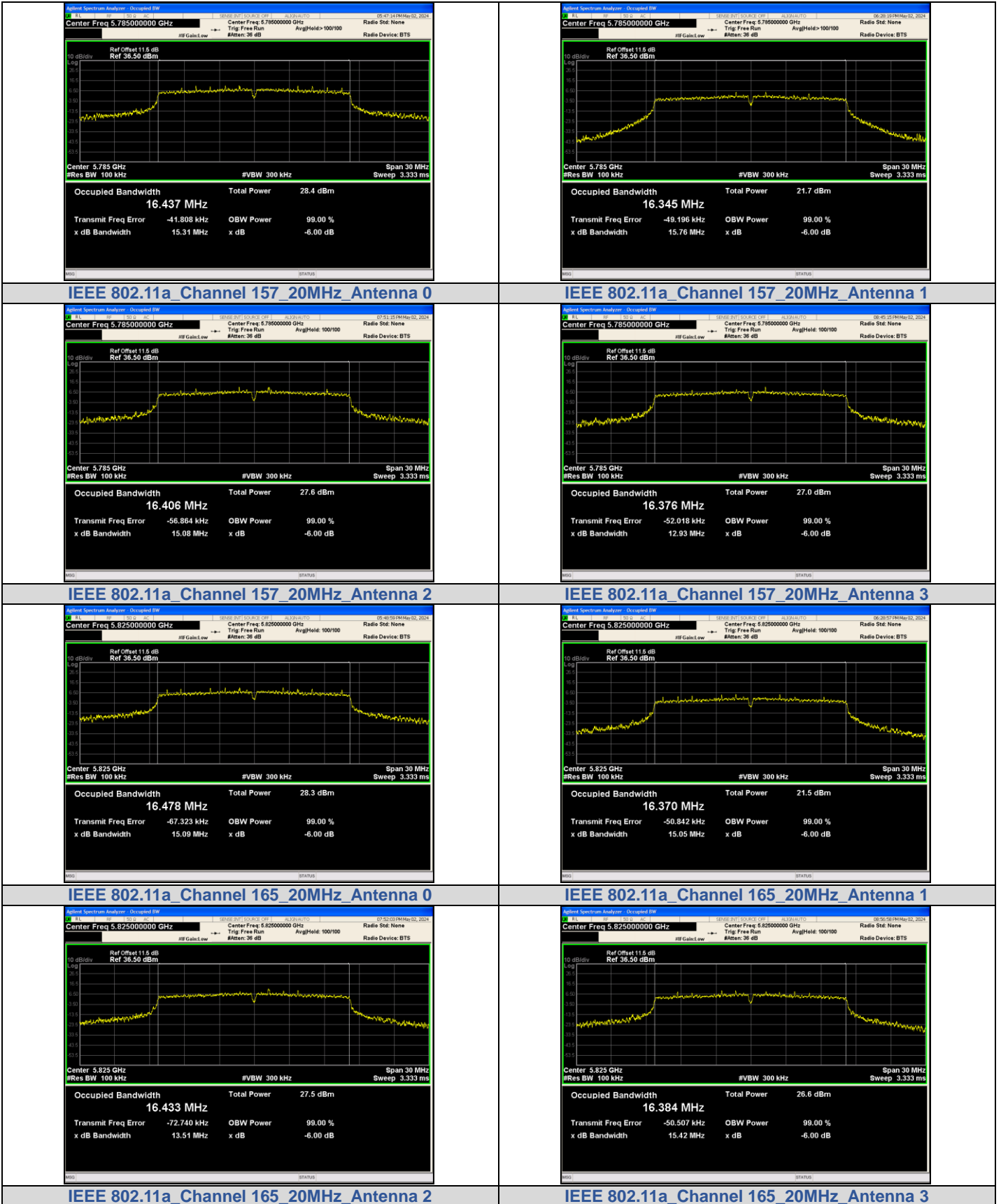
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-V1.2

Test Graphs





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

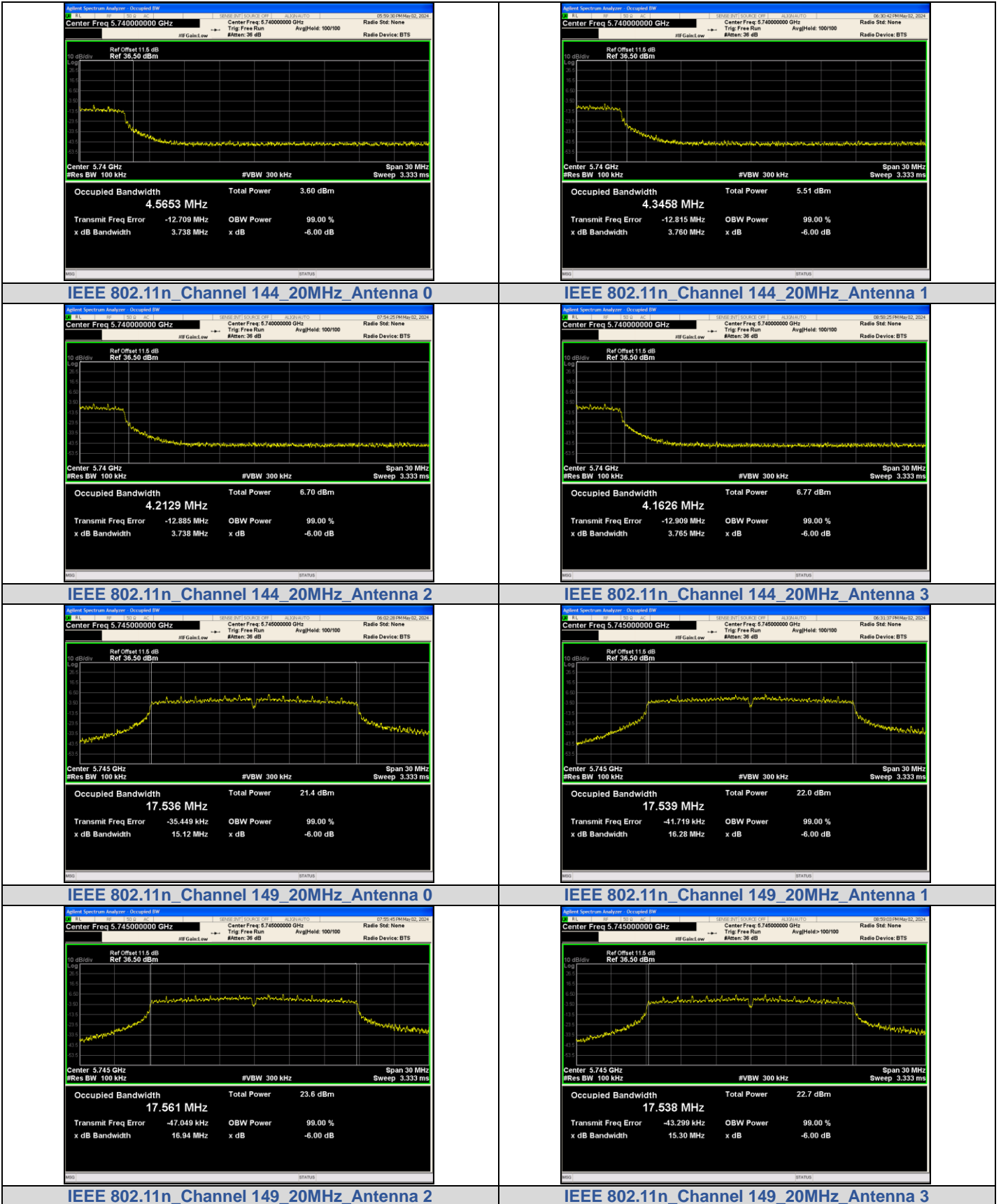
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

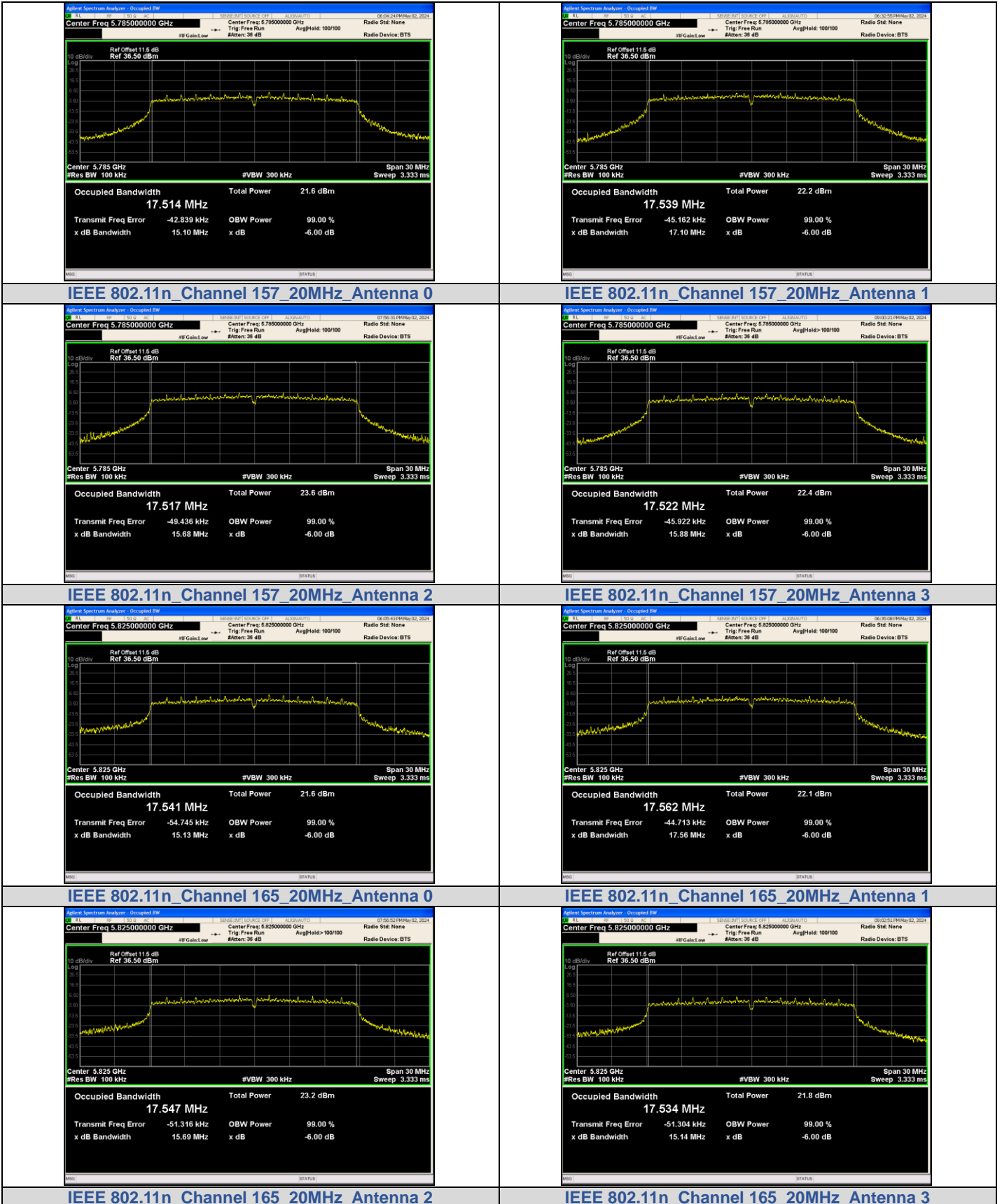
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

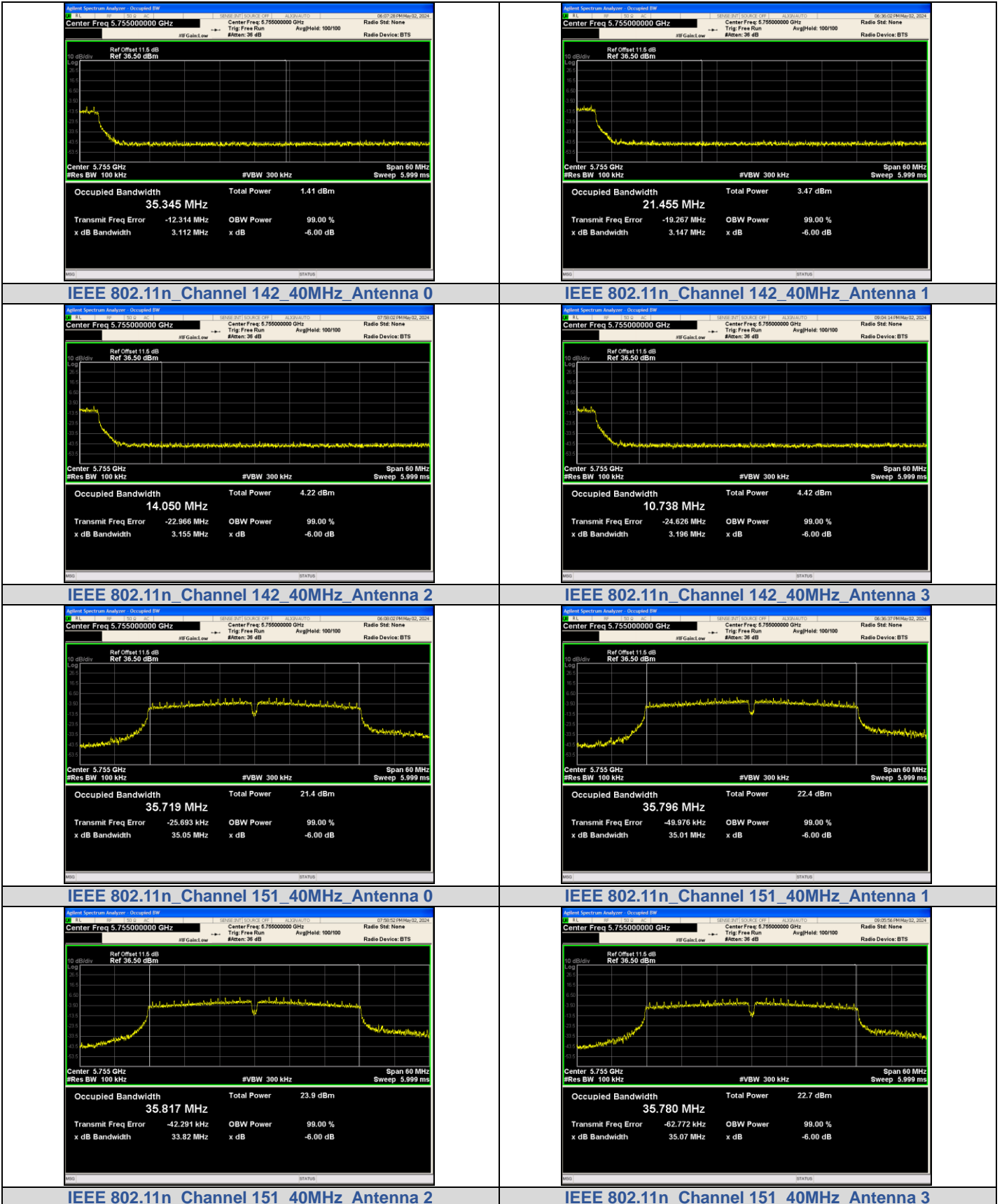
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-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

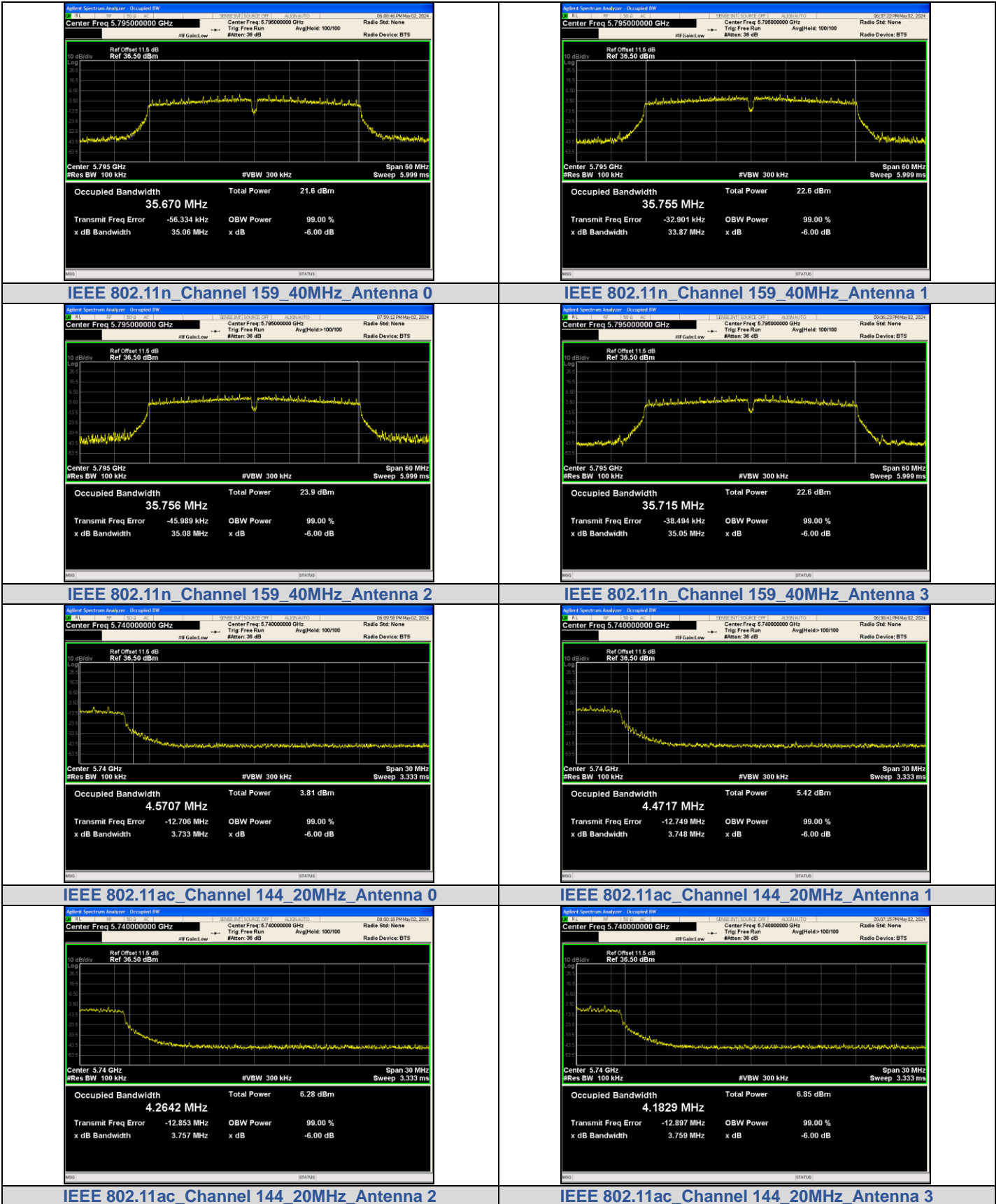
Tel: +86-755-28230888

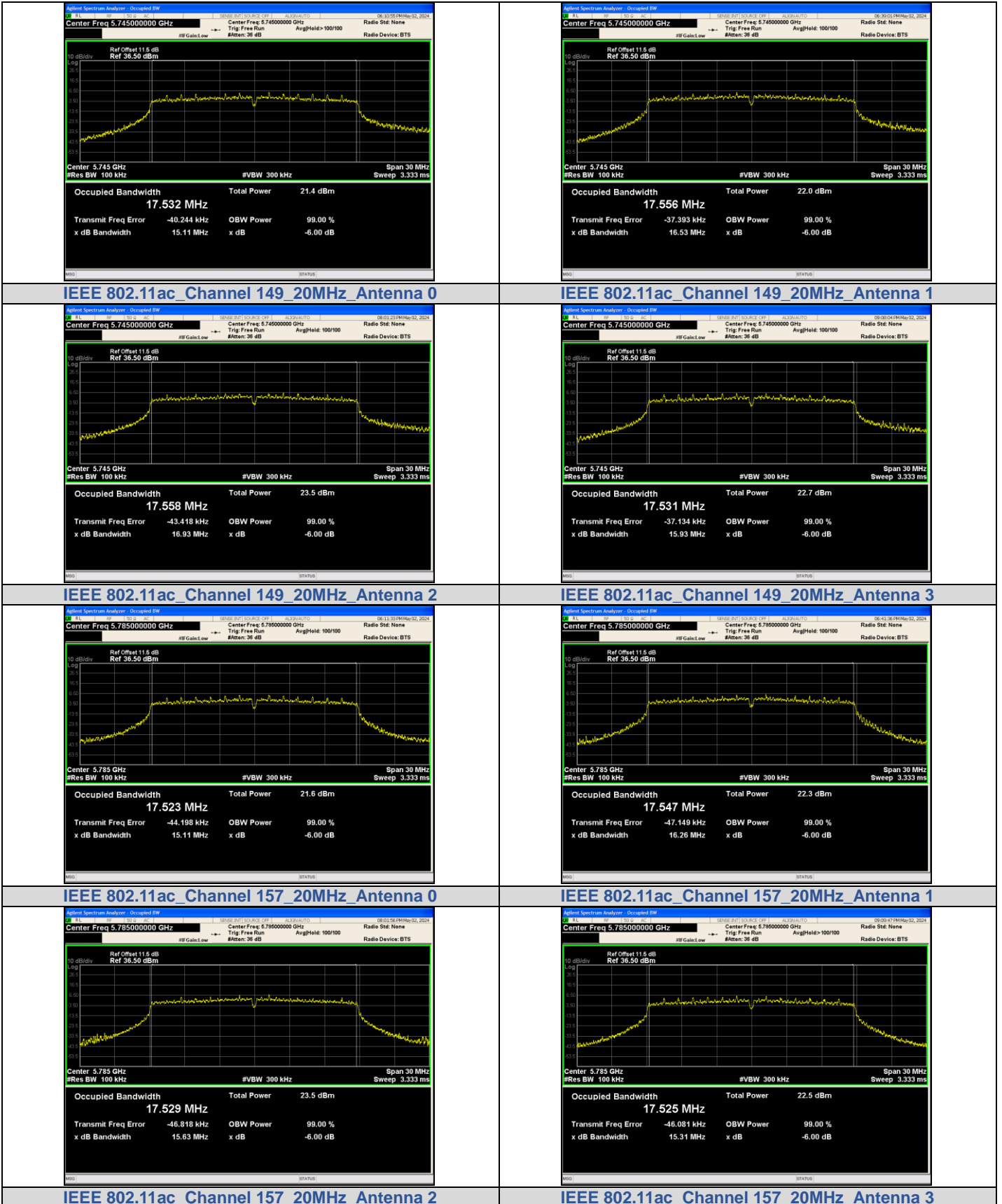
Fax: +86-755-28230886

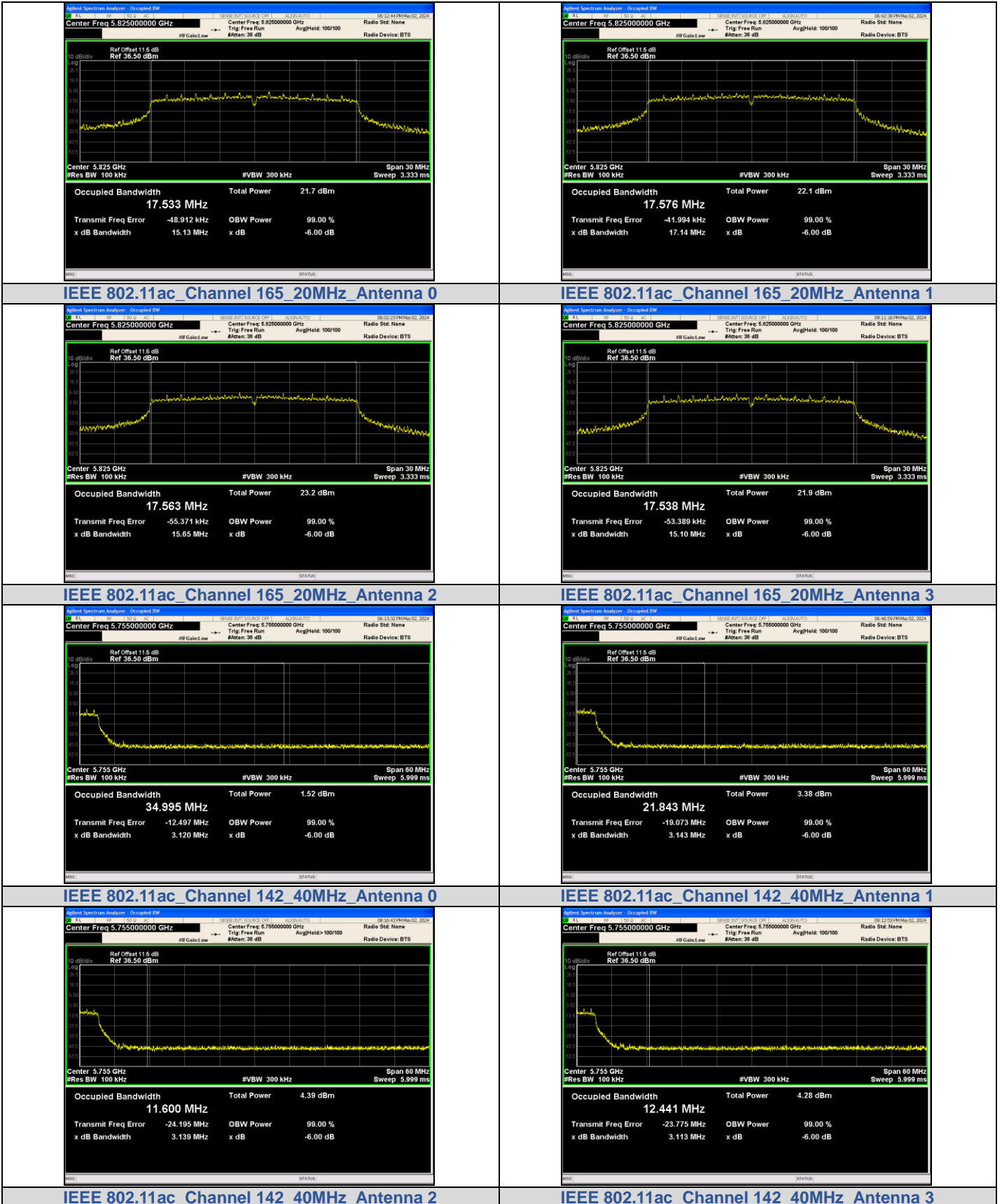
E-mail: info@uttlab.com

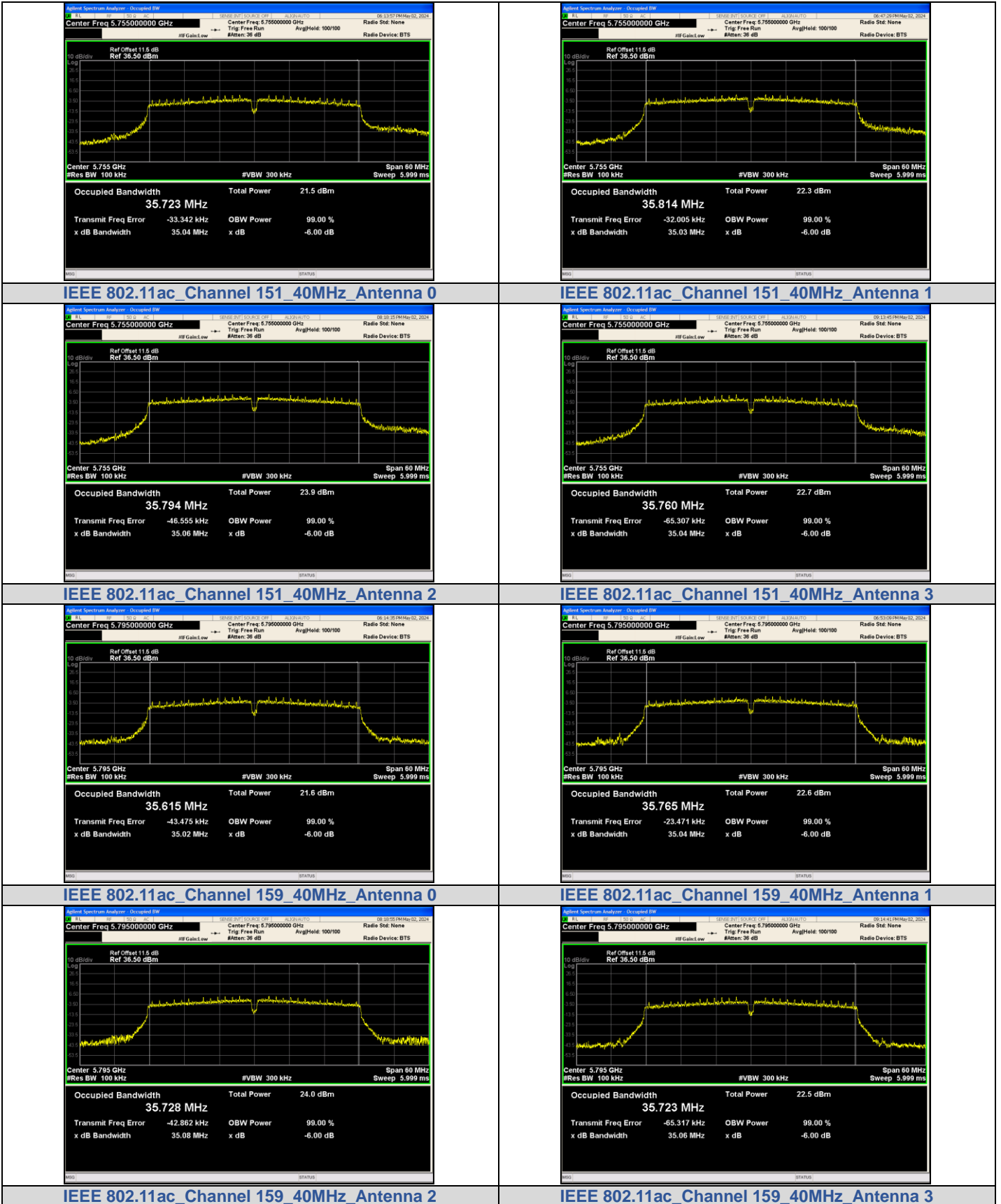
<http://www.uttlab.com>

UTTR-RF-EN300328-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

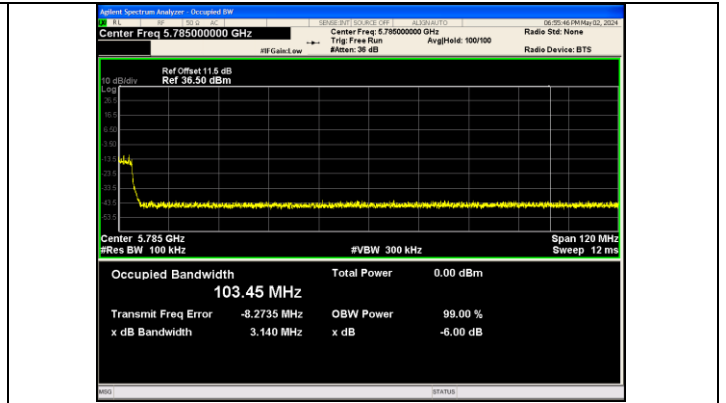
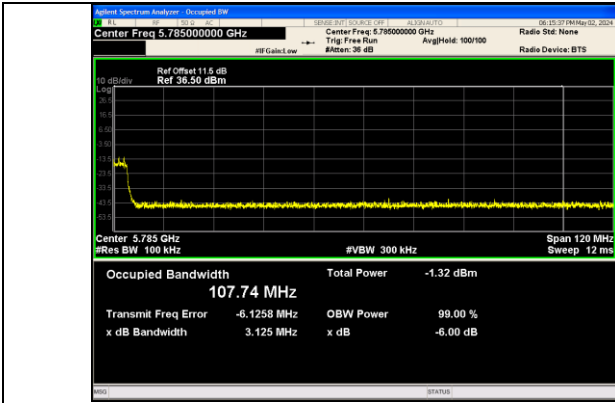
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

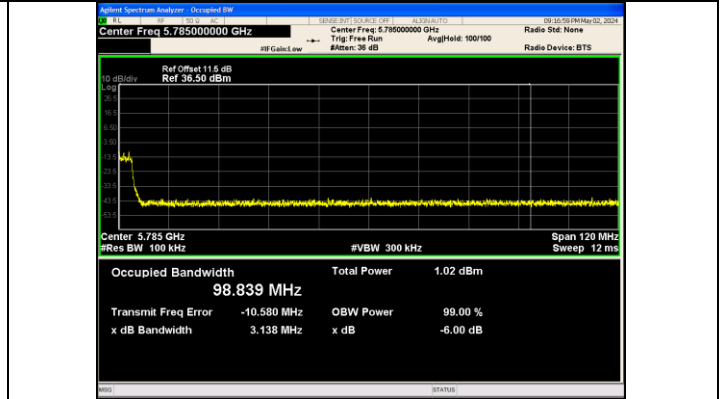
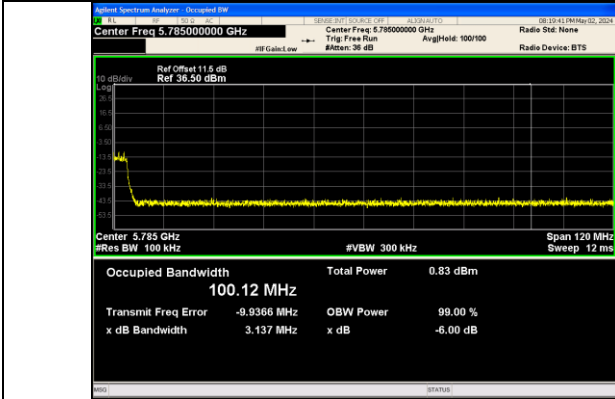
<http://www.uttlab.com>

UTTR-RF-EN300328-V1.2



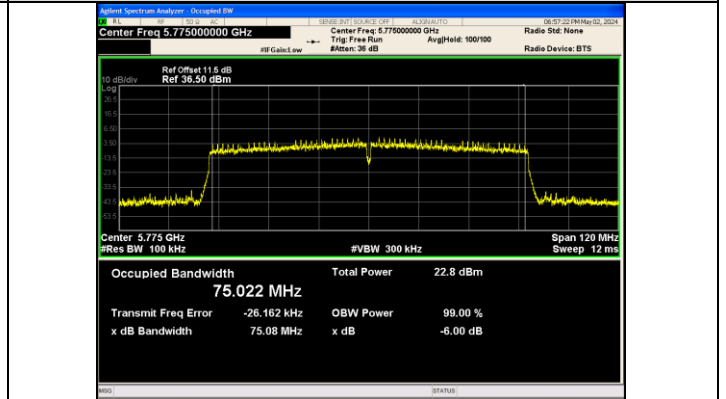
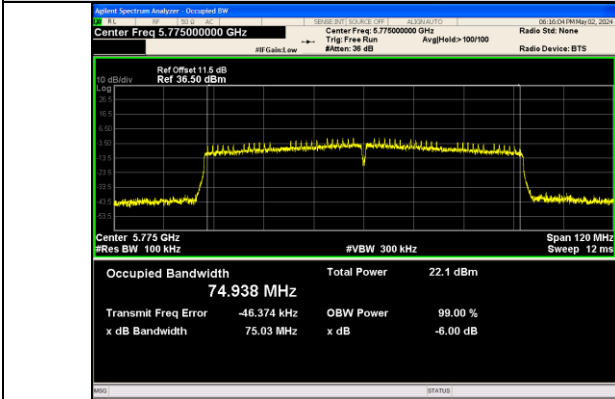
IEEE 802.11ac Channel 138 80MHz Antenna 0

IEEE 802.11ac Channel 138 80MHz Antenna 1



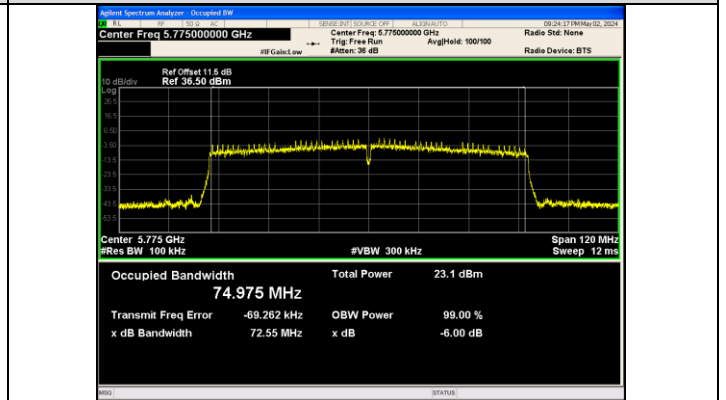
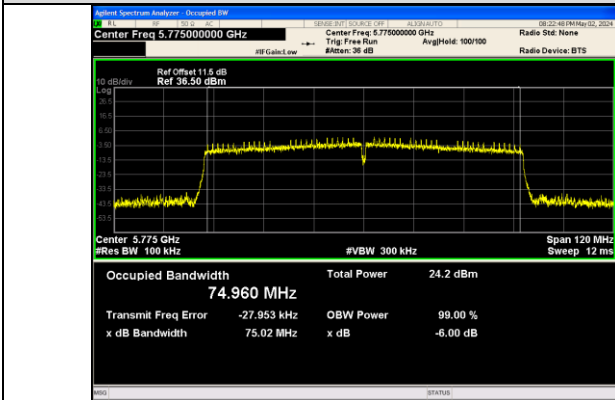
IEEE 802.11ac Channel 138 80MHz Antenna 2

IEEE 802.11ac Channel 138 80MHz Antenna 3



IEEE 802.11ac Channel 155 80MHz Antenna 0

IEEE 802.11ac Channel 155 80MHz Antenna 3



IEEE 802.11ac Channel 155 80MHz Antenna 2

IEEE 802.11ac Channel 155 80MHz Antenna 3

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-EN300328-V1.2