

## 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

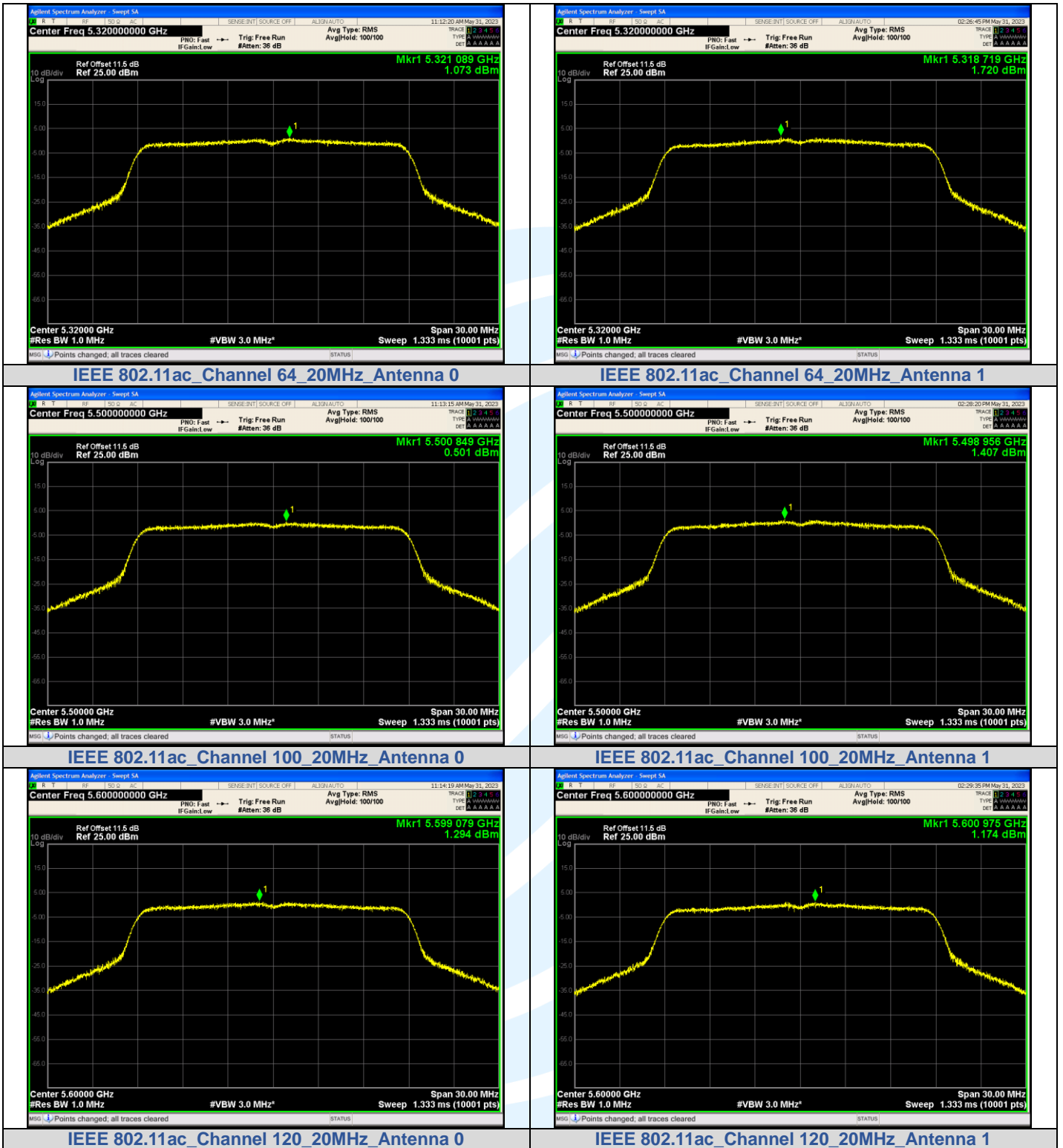
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



## 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

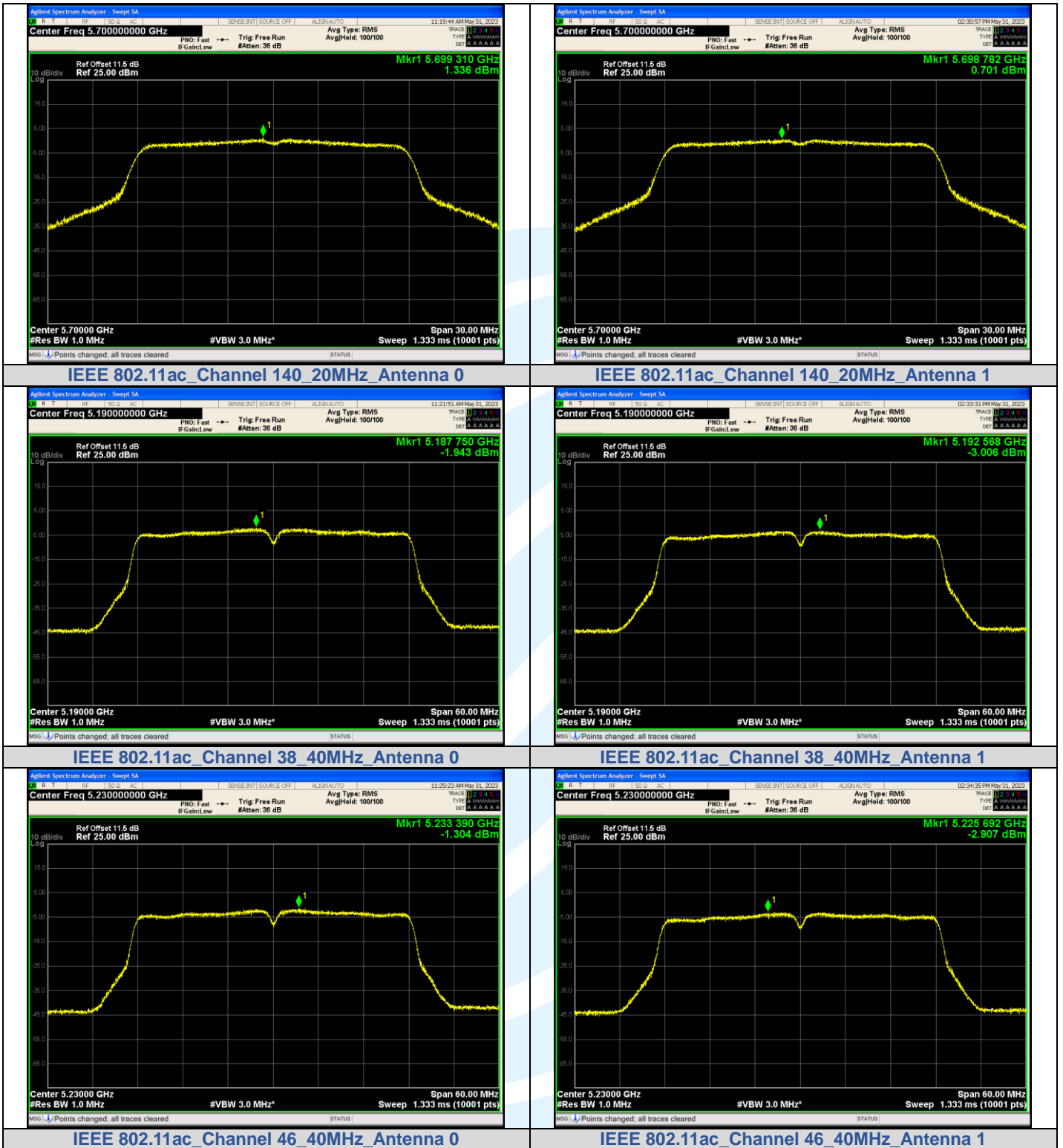
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



## 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

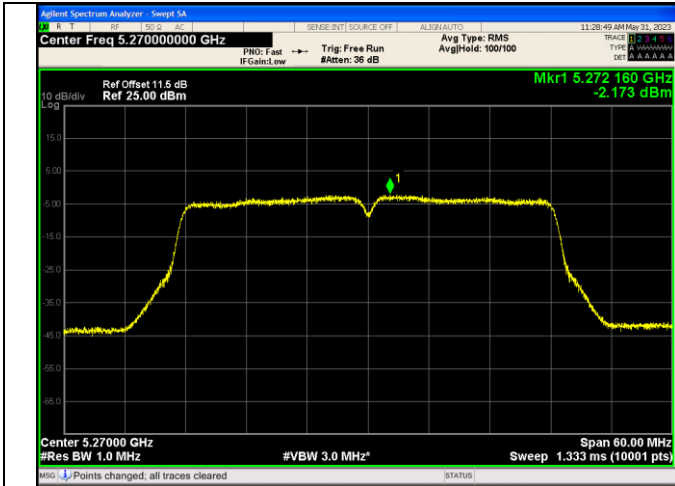
Tel: +86-755-28230888

Fax: +86-755-28230886

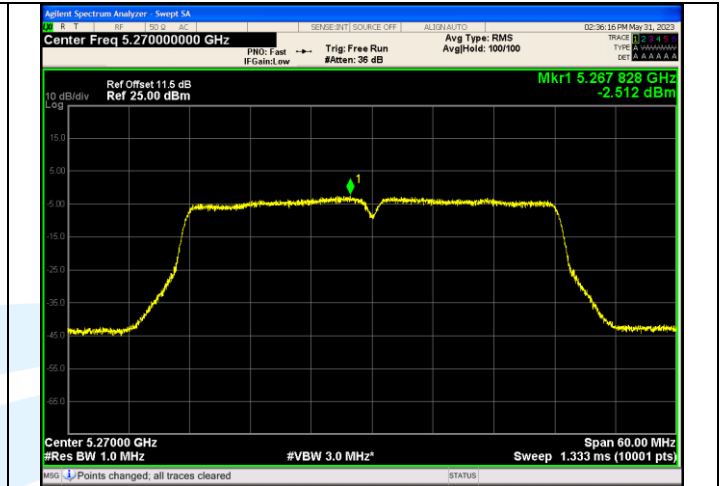
E-mail: info@uttlab.com

<http://www.uttlab.com>

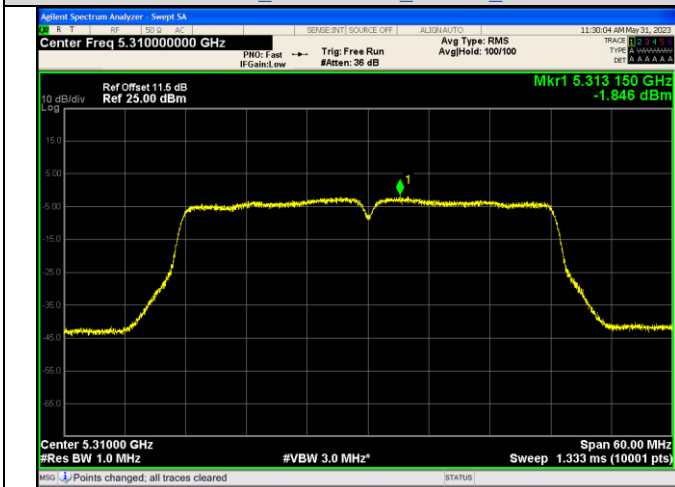
UTTR-RF-FCCPART15.407-V1.1



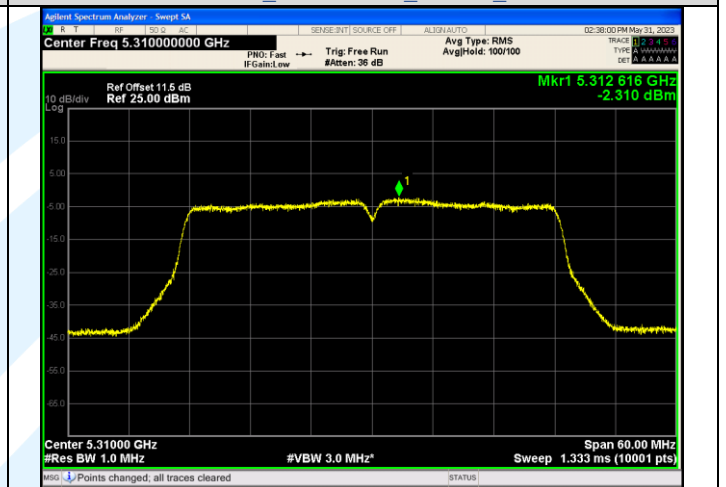
IEEE 802.11ac\_Channel 54\_40MHz\_Antenna 0



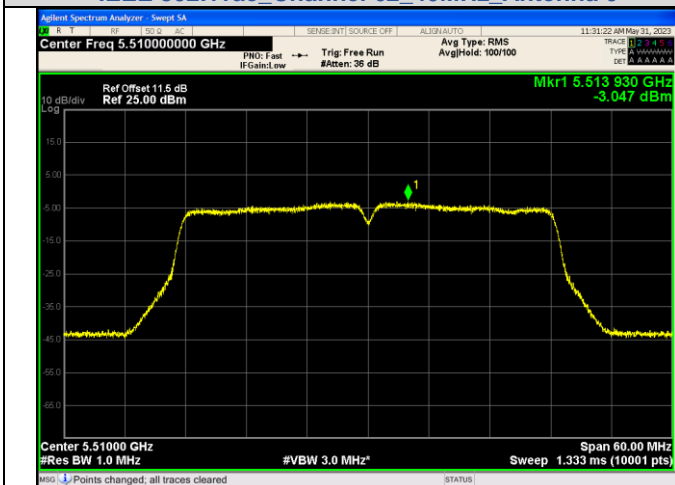
IEEE 802.11ac\_Channel 54\_40MHz\_Antenna 1



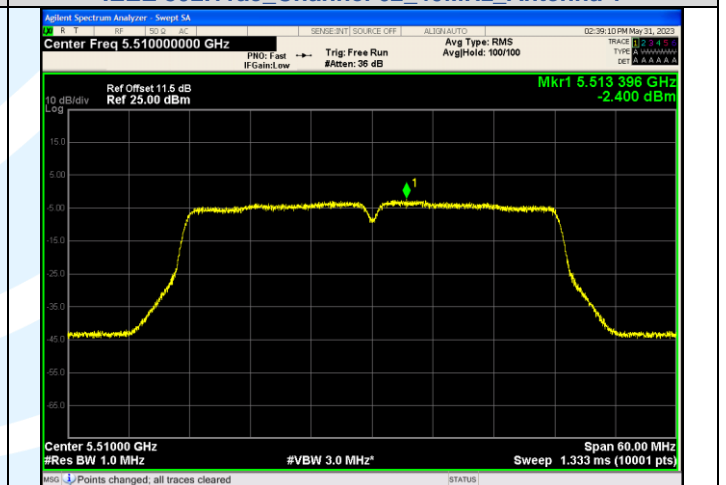
IEEE 802.11ac\_Channel 62\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 62\_40MHz\_Antenna 1



IEEE 802.11ac\_Channel 102\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 102\_40MHz\_Antenna 1

## 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

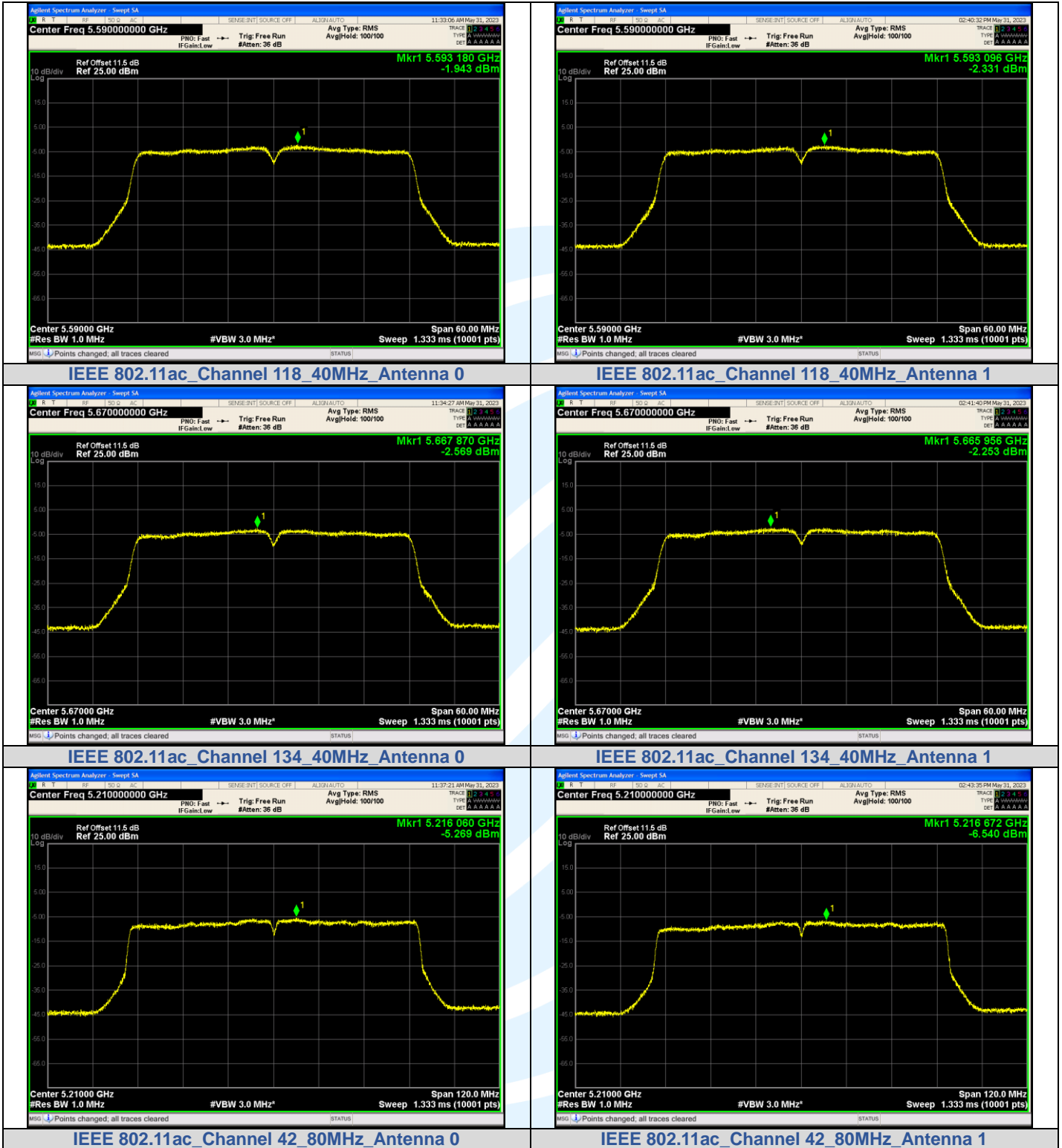
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



## 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

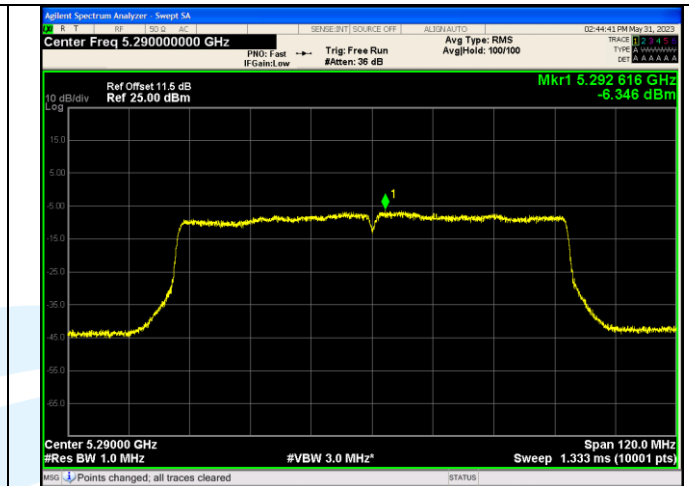
E-mail: info@uttlab.com

<http://www.uttlab.com>

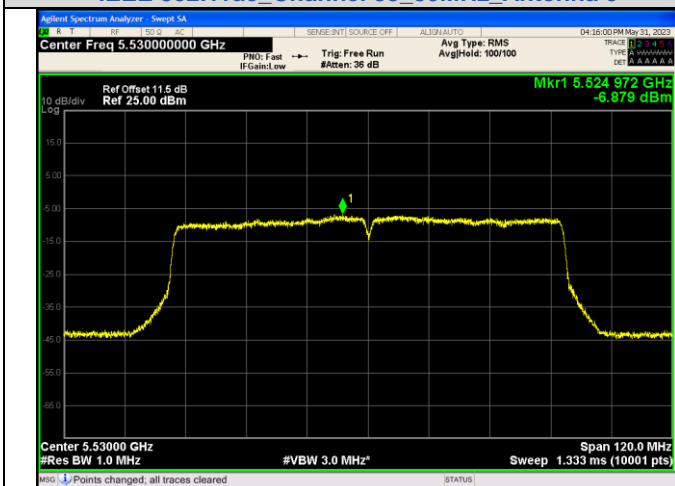
UTTR-RF-FCCPART15.407-V1.1



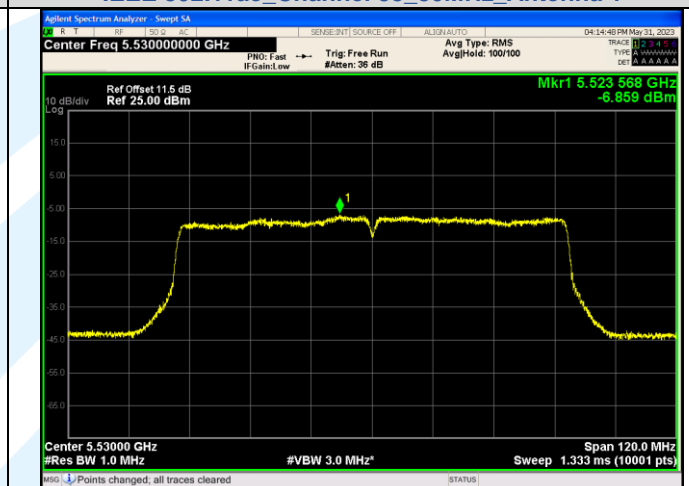
IEEE 802.11ac\_Channel 58\_80MHz\_Antenna 0



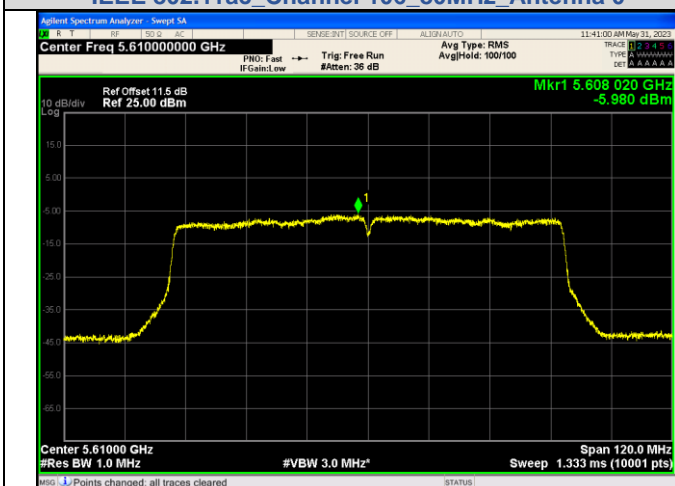
IEEE 802.11ac\_Channel 58\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 106\_80MHz\_Antenna 0



IEEE 802.11ac\_Channel 106\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 0



IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 1

## 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

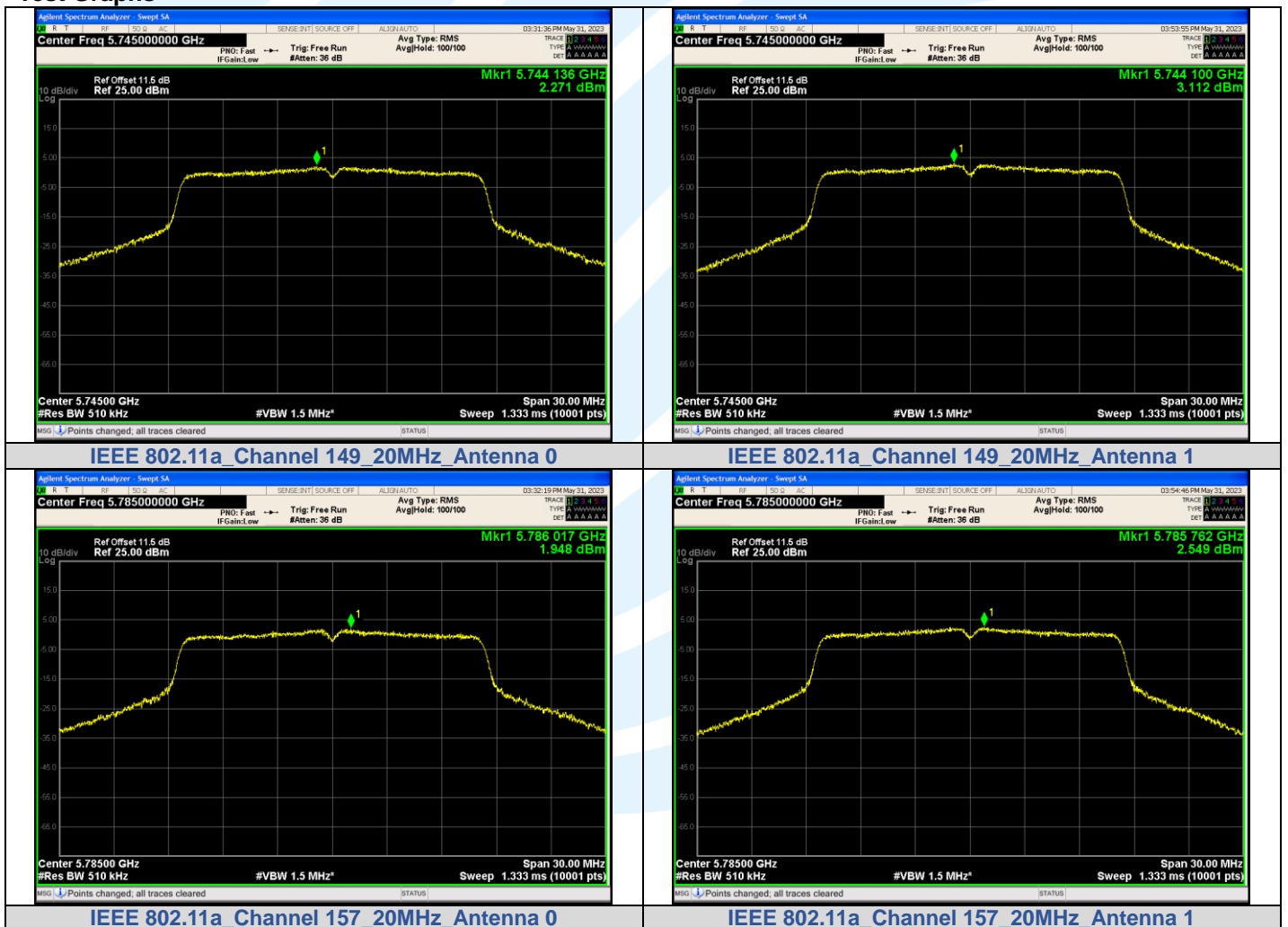
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1

**For U-NII-3 band**

Mode	Channel	Ant. 0 Meas PSD (dBm/0.5MHz)	Ant. 1 Meas PSD (dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/0.5MHz)	Ant. 1 Corr'd PSD (dBm/0.5MHz)	Total PSD (dBm/0.5 MHz)	Limit (dBm/0.5MHz)	Result
IEEE 802.11a	149	2.271	3.112	2.27	3.11	N/A	30	PASS
	157	1.948	2.549	1.95	2.55	N/A	30	PASS
	165	1.992	2.408	1.99	2.41	N/A	30	PASS
IEEE 802.11n_20	149	-2.441	-1.181	-2.34	-1.08	1.34	30	PASS
	157	-1.980	-1.560	-1.88	-1.46	1.34	30	PASS
	165	-2.598	-1.847	-2.50	-1.75	0.90	30	PASS
IEEE 802.11n_40	151	-5.856	-5.311	-5.68	-5.14	-2.39	30	PASS
	159	-6.011	-5.445	-5.84	-5.27	-2.54	30	PASS
IEEE 802.11ac_20	149	-1.632	-1.489	-1.54	-1.39	1.55	30	PASS
	157	-2.750	-1.200	-2.65	-1.10	1.20	30	PASS
	165	-2.226	-1.652	-2.13	-1.56	1.18	30	PASS
IEEE 802.11ac_40	151	-6.068	-5.312	-5.90	-5.14	-2.49	30	PASS
	159	-6.157	-4.998	-5.99	-4.83	-2.36	30	PASS
IEEE 802.11ac_80	155	-9.944	-9.575	-9.60	-9.23	-6.40	30	PASS

**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

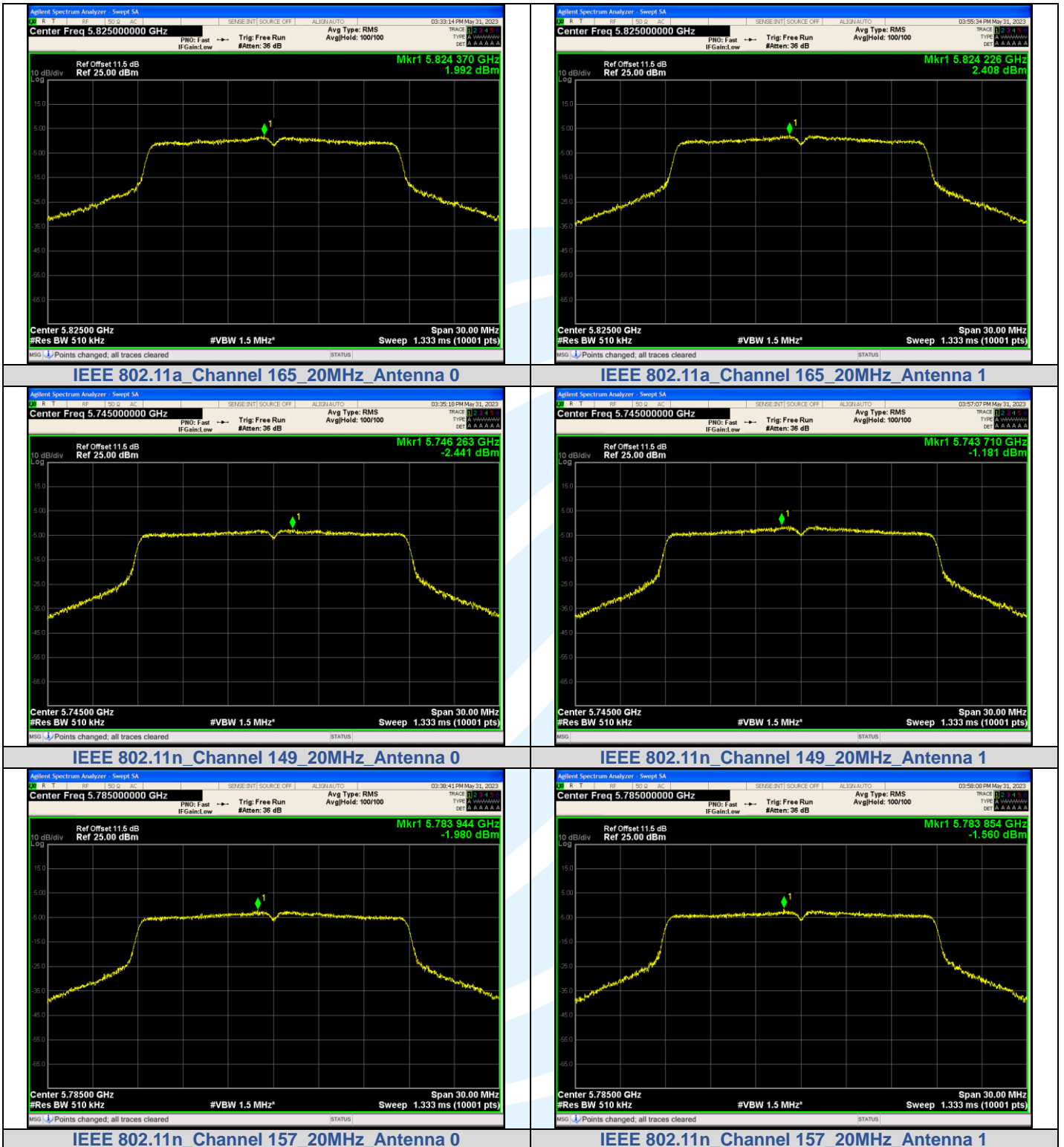
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



## 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

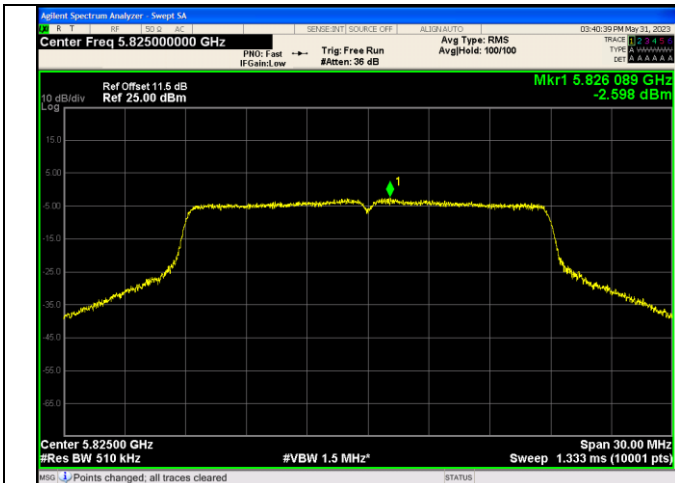
Fax: +86-755-28230886

E-mail: info@uttlab.com

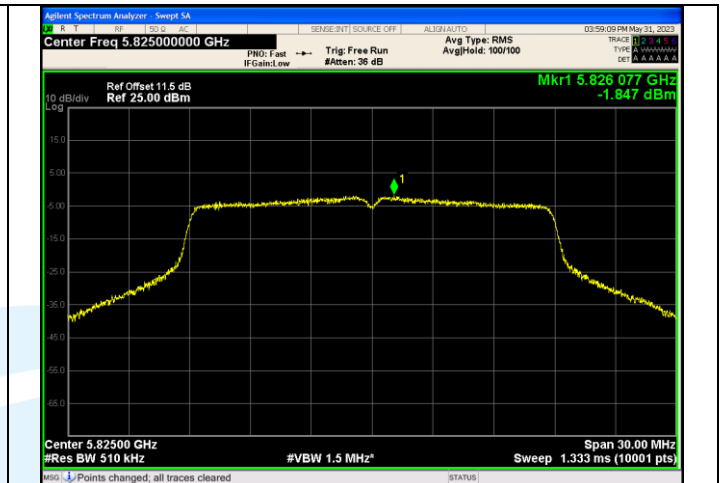
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1

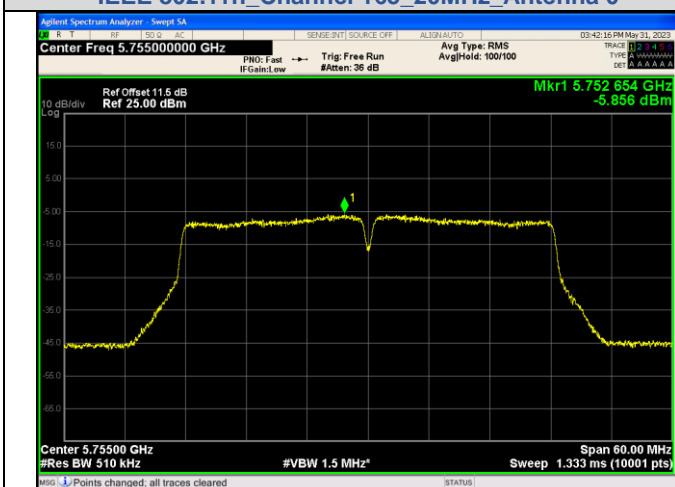




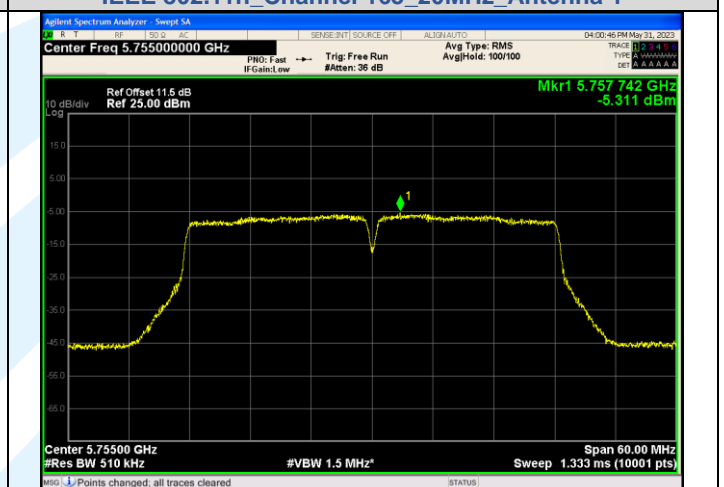
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0



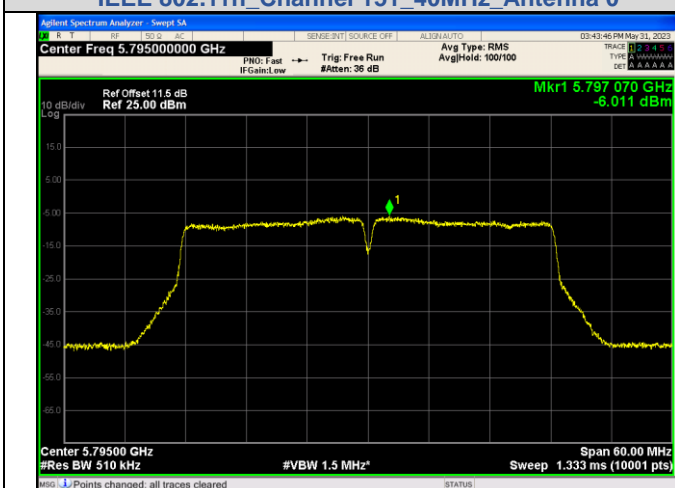
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 1



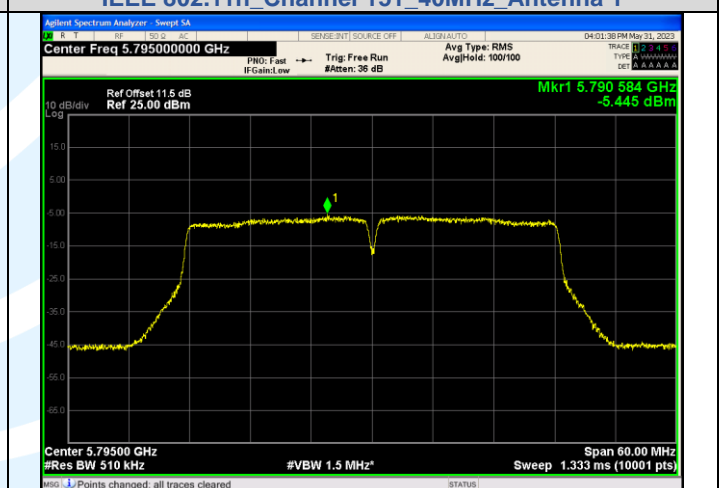
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 151\_40MHz\_Antenna 1



IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 159\_40MHz\_Antenna 1

## 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

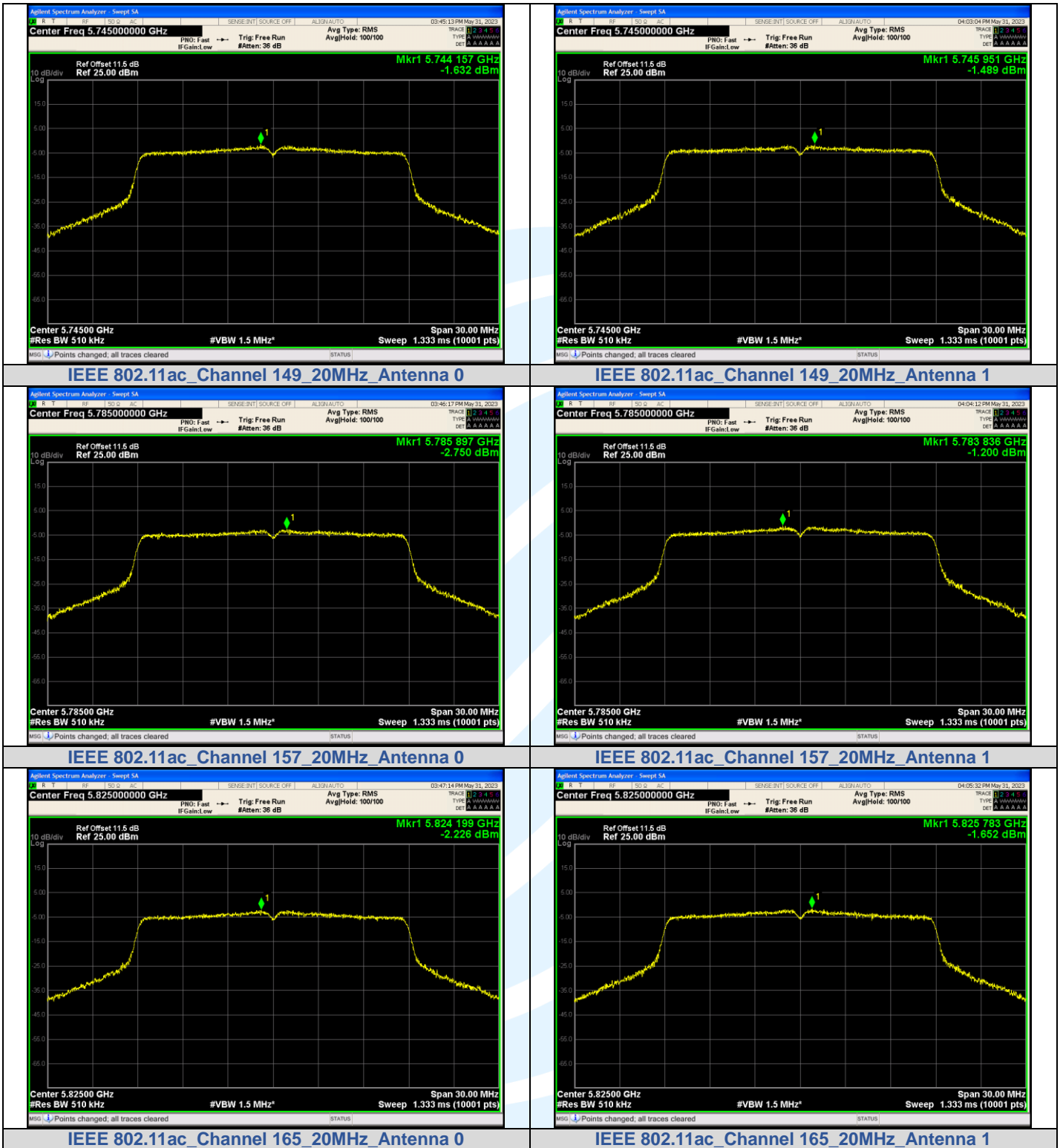
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



**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

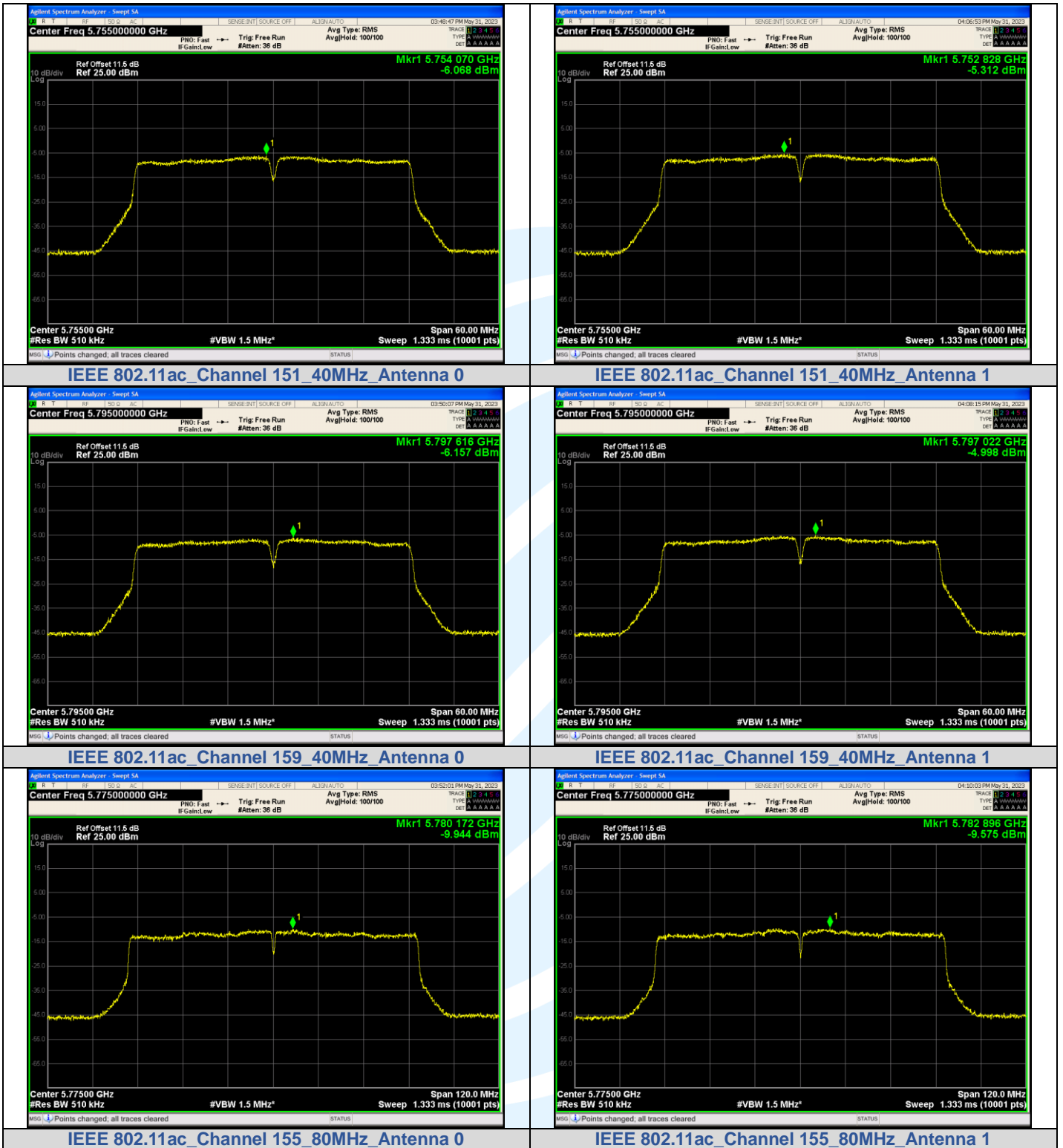
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



## 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-FCCPART15.407-V1.1

**APPENDIX 1 PHOTOS OF TEST SETUP**

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

**APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS**

Refer to Appendix 2 for EUT external and internal photos.

\*\*\* End of Report \*\*\*

---

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.

---