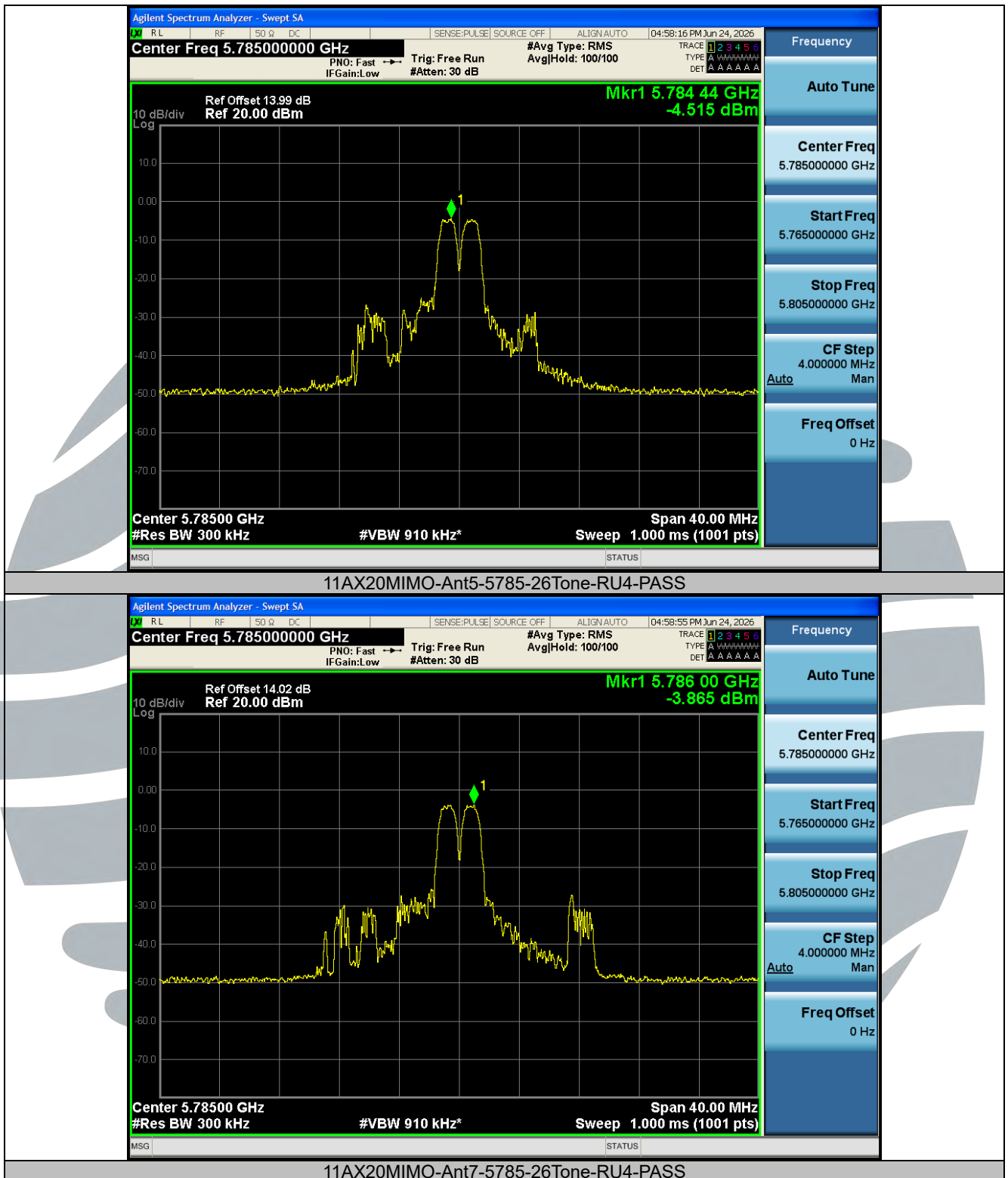




Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

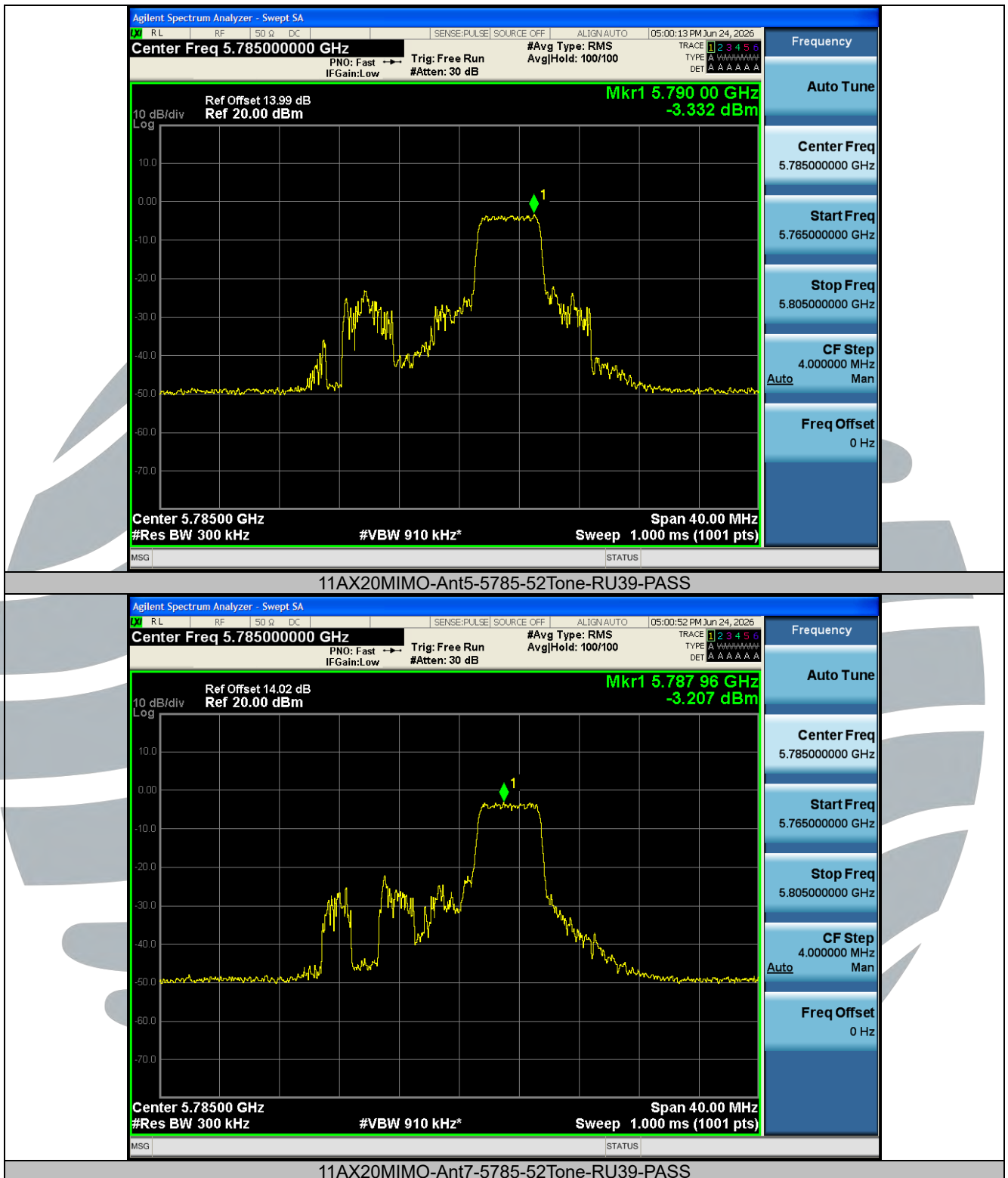
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

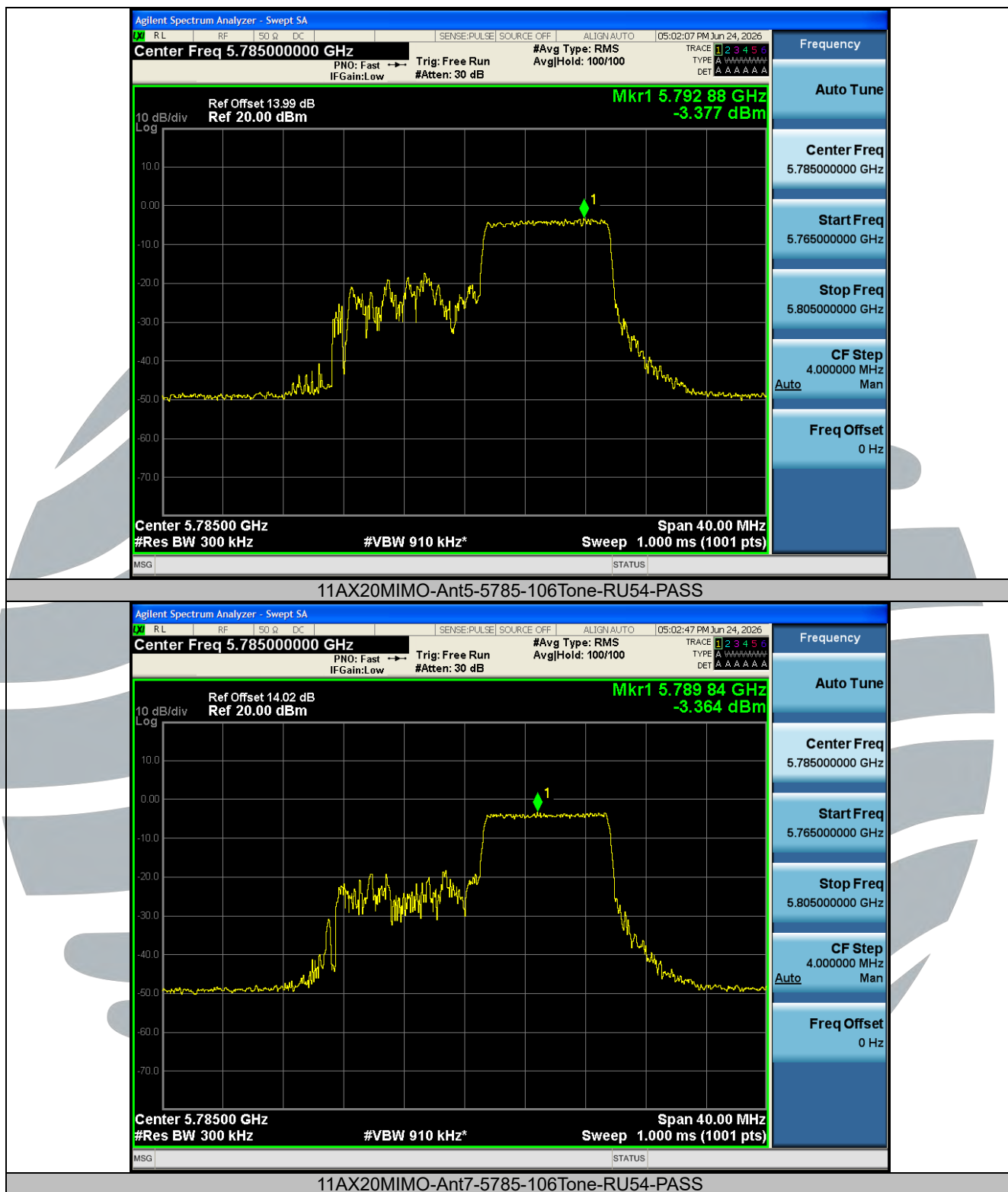
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

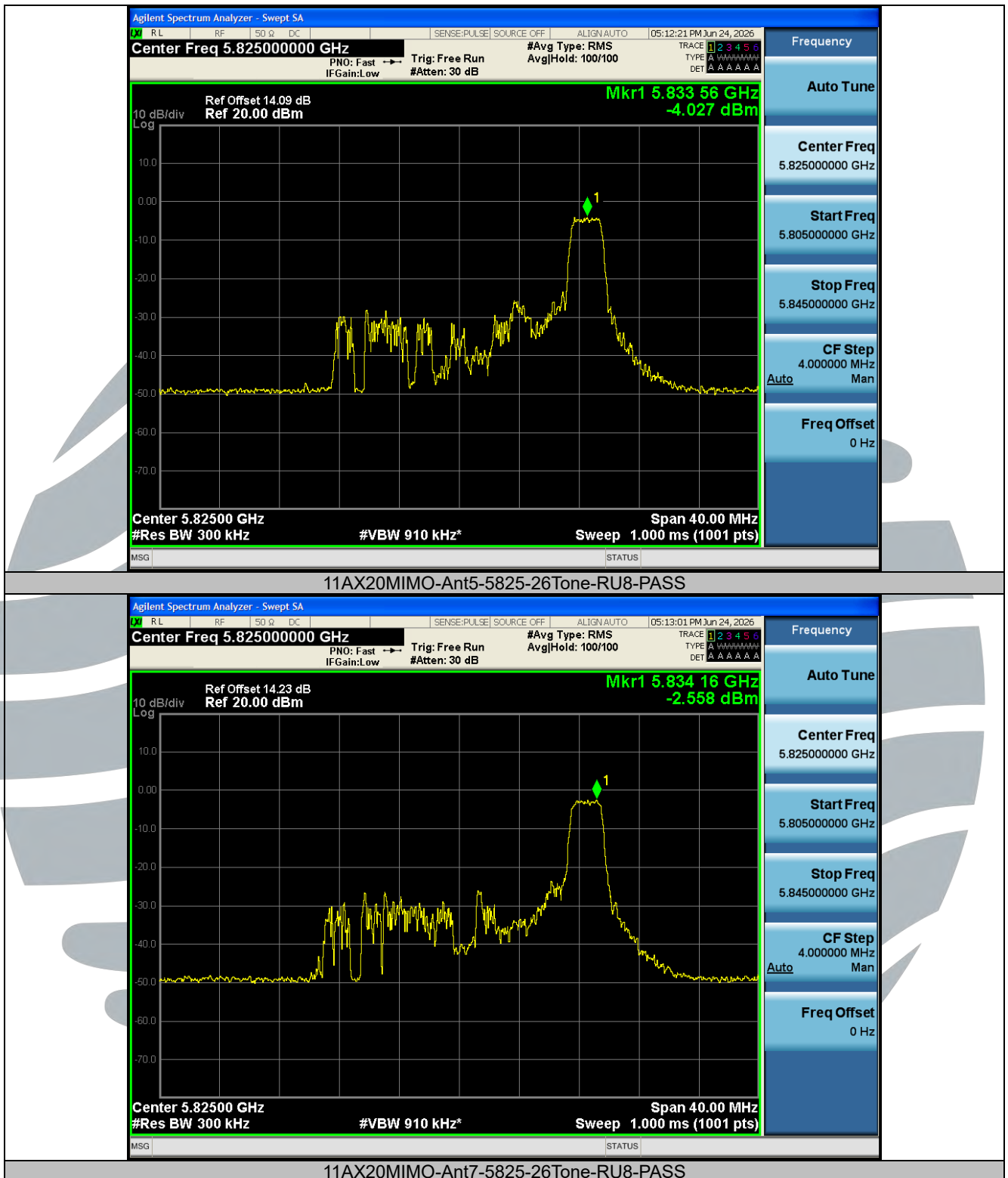
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

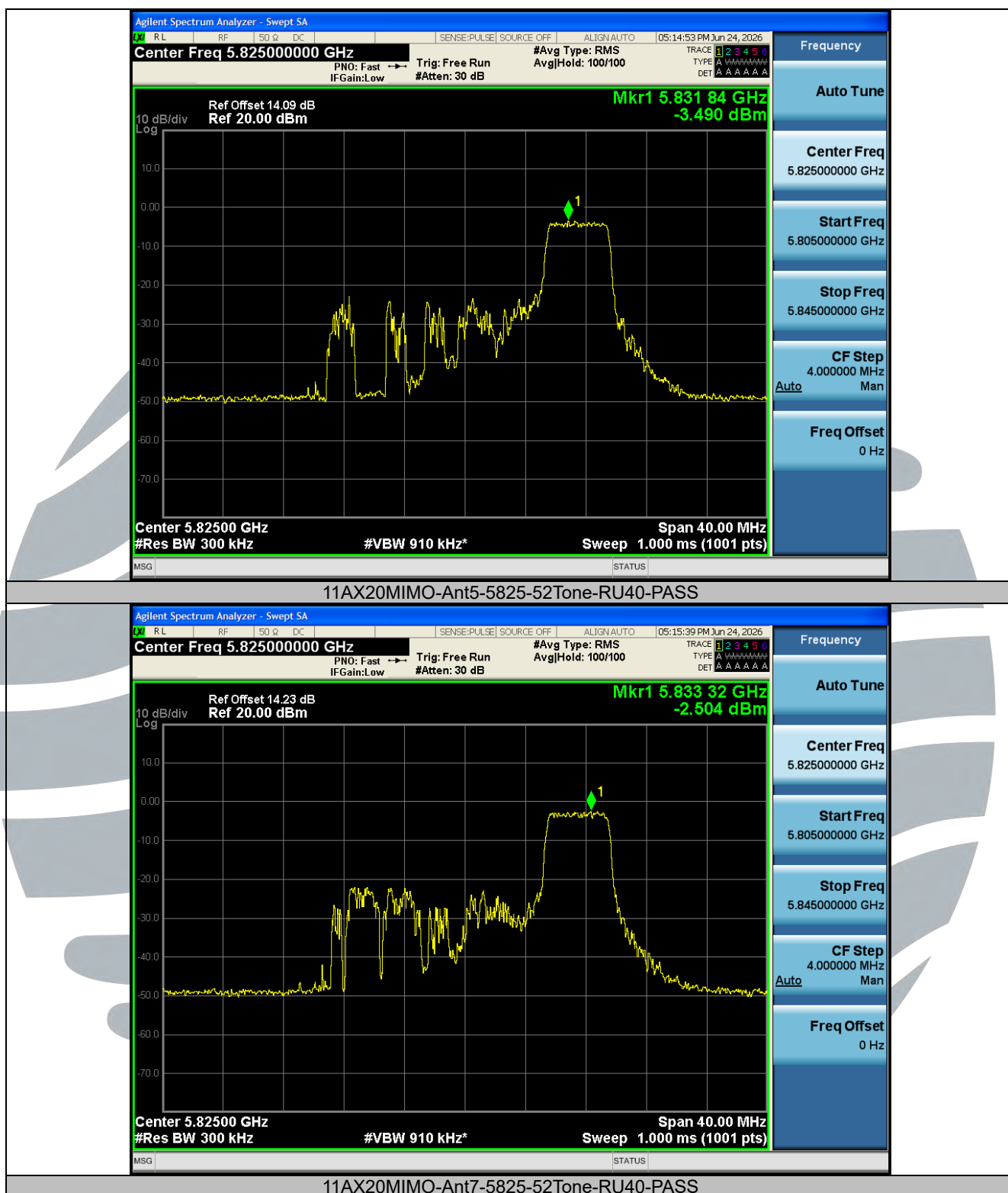
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

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

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

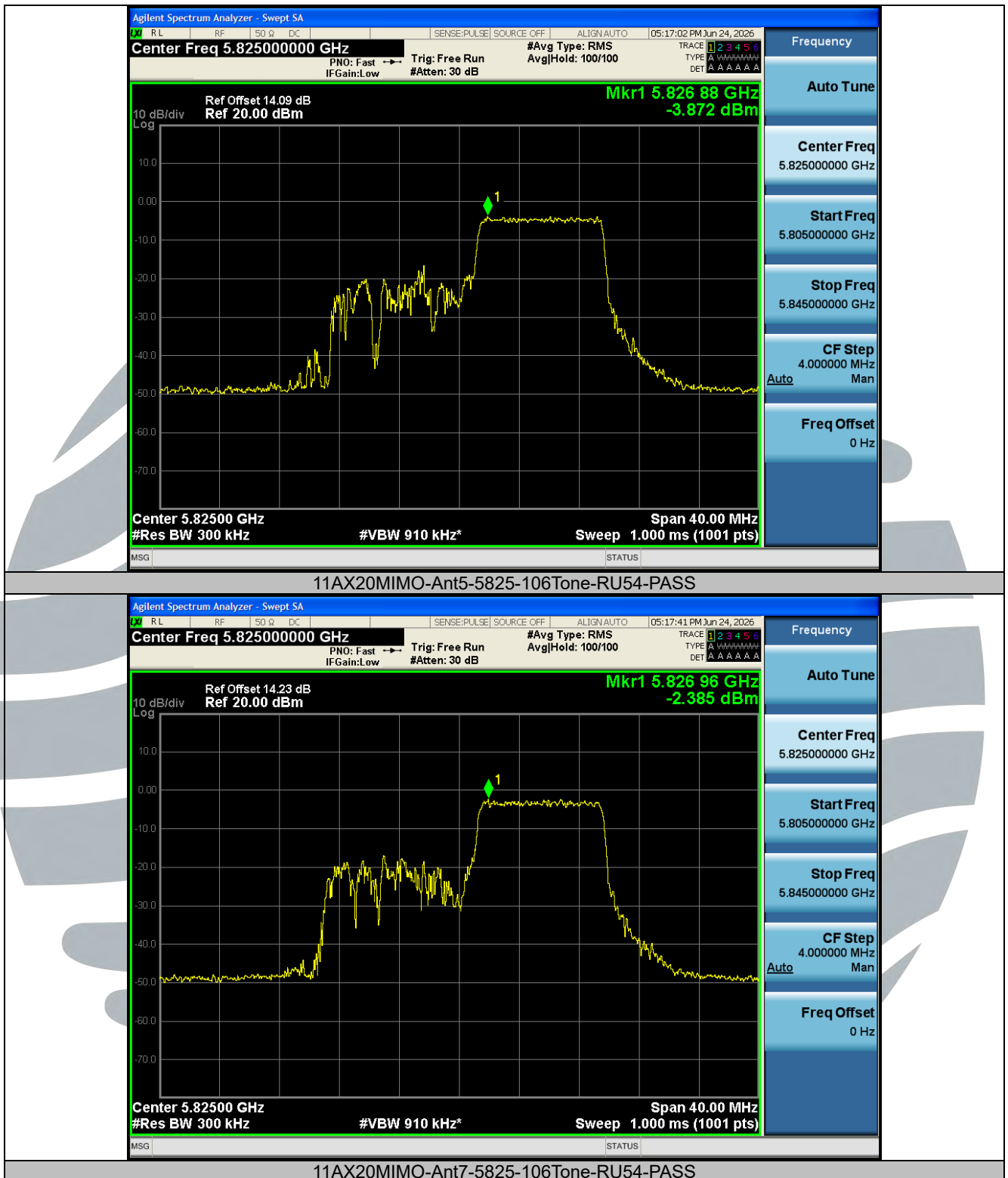
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

5.8 RADIATED EMISSIONS AND BAND EDGE MEASUREMENT

Test Requirement: FCC 47 CFR Part 15 Subpart E Section 15.407 (b)(1)(2)(3)(4)(6)
FCC 47 CFR Part 15 Subpart C Section 15.209/205

Test Method: KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6

Receiver Setup:

Frequency	RBW
0.009 MHz-0.150 MHz	200/300 kHz
0.150 MHz -30 MHz	9/10 kHz
30 MHz-1 GHz	100/120 kHz
Above 1 GHz	1 MHz

Limits:

1. Limits of Radiated Emission and Band edge Measurement

Radiated emissions that fall in the restricted bands must comply with the general emissions limits in 15.209(a) as below table. Other emissions shall be at least 20 dB below the highest level of the desired power.

Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009 MHz-0.490 MHz	2400/F(kHz)	--	--	300
0.490 MHz-1.705 MHz	24000/F(kHz)	--	--	30
1.705 MHz-30 MHz	30	--	--	30
30 MHz-88 MHz	100	40.0	Quasi-peak	3
88 MHz-216 MHz	150	43.5	Quasi-peak	3
216 MHz-960 MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1 GHz	500	54.0	Average	3

Remark:

- The lower limit shall apply at the transition frequencies.
- Emission level (dBuV/m) = 20 log Emission level (uV/m).
- For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

2. Limits of Unwanted Emission Out of the Restricted Bands

Applicable To	Limit	
789033 D02 General U-NII Test Procedures New Rules v01r04	Field Strength at 3 m	
	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)
Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
FCC Part 15.407 (b)(1)	PK: -27 (dBm/MHz)	PK: 74 (dBμV/m)
FCC Part 15.407 (b)(2)	PK: -27 (dBm/MHz)	PK: 74 (dBμV/m)
FCC Part 15.407 (b)(3)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
FCC Part 15.407 (b)(4)	27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;	PK: 68.2 (dBμV/m)
	15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;	
	10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges;	
	-27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.	

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

Test Setup: Refer to section 4.5.1 for details.

Test Procedures:

1. The EUT was placed on the top of a rotating table 0.8 meters (for below 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
6. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Remark:

- a) The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
- b) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
- c) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for RMS Average (Duty cycle < 98 %) for Average detection (AV) at frequency above 1 GHz, then the measurement results was added to a correction factor ($10 \log(1/\text{duty cycle})$).
- d) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz (Duty cycle $\geq 98\%$) or $\geq 1/T$ (duty cycle is < 98%) for Average detection (AV) at frequency above 1 GHz.
- e) All modes of operation were investigated and the worst-case emissions are reported.

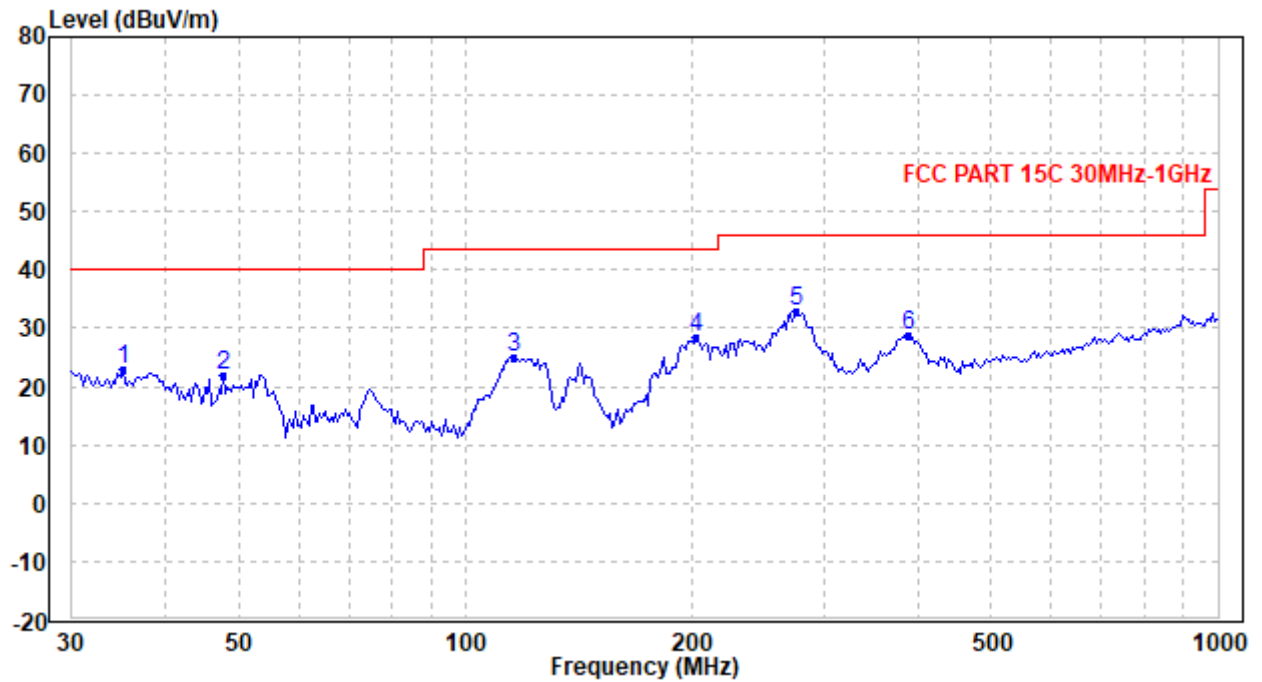
Equipment Used: Refer to section 3 for details.

Test Result: Pass

The measurement data as follows:

Radiated Emission Test Data (9 kHz ~ 30 MHz):

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

Radiated Emission Test Data (30 MHz ~ 1 GHz):
Worst-Case Configuration
Horizontal


No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	35.016	29.82	-6.99	22.83	40.00	-17.17	Peak
2	47.703	35.40	-13.58	21.82	40.00	-18.18	Peak
3	115.632	40.90	-15.73	25.17	43.50	-18.33	Peak
4	202.875	39.62	-11.26	28.36	43.50	-15.14	Peak
5	274.446	42.77	-9.88	32.89	46.00	-13.11	Peak
6	387.257	33.37	-4.69	28.68	46.00	-17.32	Peak

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

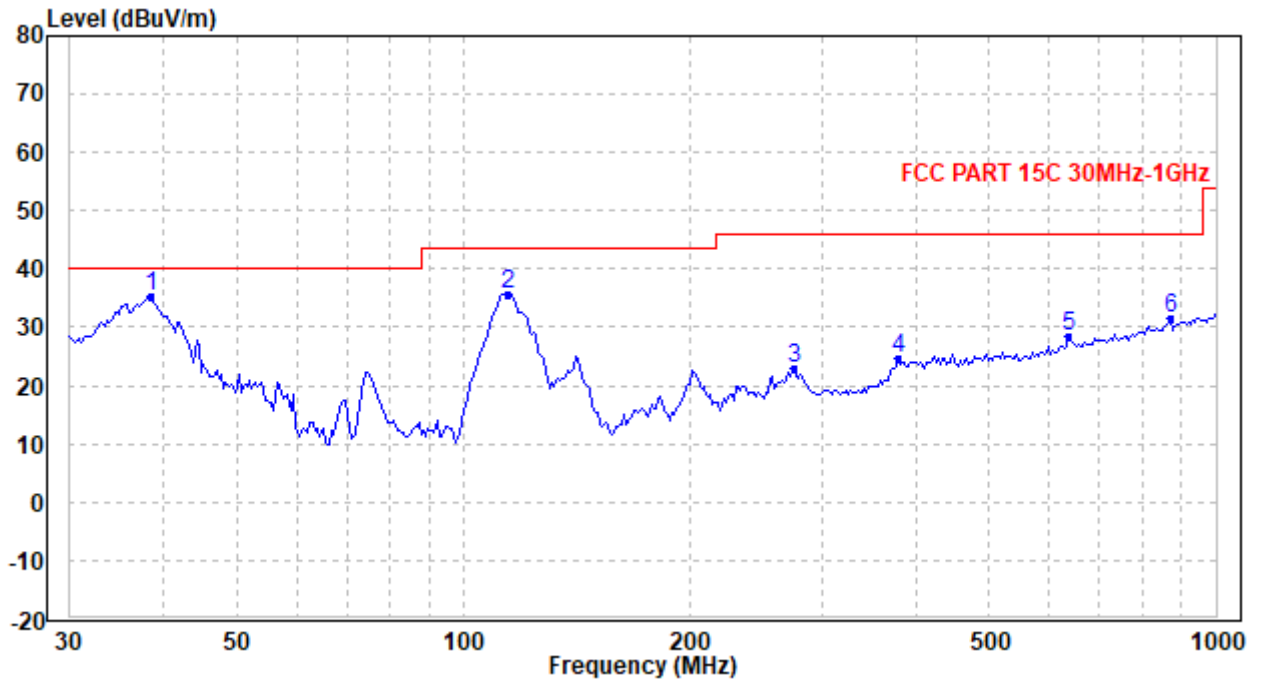
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	38.365	43.32	-7.95	35.37	40.00	-4.63	Peak
2	114.822	51.57	-15.79	35.78	43.50	-7.72	Peak
3	274.446	32.84	-9.88	22.96	46.00	-23.04	Peak
4	379.178	29.68	-5.11	24.57	46.00	-21.43	Peak
5	637.795	28.77	-0.27	28.50	46.00	-17.50	Peak
6	868.886	27.78	3.84	31.62	46.00	-14.38	Peak

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

Radiated Emission Test Data (1-18GHz):

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
802.11A_ANT 5_5180 MHz								
1	10360	36.73	4.78	41.51	54.00	-12.49	Average	Horizontal
2	10360	49.02	4.78	53.80	74.00	-20.20	Peak	Horizontal
3	15540	31.68	8.63	40.31	54.00	-13.69	Average	Horizontal
4	15540	43.65	8.63	52.28	74.00	-21.72	Peak	Horizontal
5	10360	36.66	4.78	41.44	54.00	-12.56	Average	Vertical
6	10360	50.11	4.78	54.89	74.00	-19.11	Peak	Vertical
7	15540	31.68	8.63	40.31	54.00	-13.69	Average	Vertical
8	15540	43.80	8.63	52.43	74.00	-21.57	Peak	Vertical
802.11A_ANT 5_5200 MHz								
1	10400	32.71	4.83	37.54	54.00	-16.46	Average	Horizontal
2	10400	44.56	4.83	49.39	74.00	-24.61	Peak	Horizontal
3	15600	31.80	8.51	40.31	54.00	-13.69	Average	Horizontal
4	15600	44.31	8.51	52.82	74.00	-21.18	Peak	Horizontal
5	10400	32.64	4.83	37.47	54.00	-16.53	Average	Vertical
6	10400	44.92	4.83	49.75	74.00	-24.25	Peak	Vertical
7	15600	31.80	8.51	40.31	54.00	-13.69	Average	Vertical
8	15600	43.96	8.51	52.47	74.00	-21.53	Peak	Vertical
802.11A_ANT 5_5240 MHz								
1	10480	32.17	4.94	37.11	54.00	-16.89	Average	Horizontal
2	10480	44.81	4.94	49.75	74.00	-24.25	Peak	Horizontal
3	15720	31.68	8.26	39.94	54.00	-14.06	Average	Horizontal
4	15720	44.11	8.26	52.37	74.00	-21.63	Peak	Horizontal
5	10480	32.17	4.94	37.11	54.00	-16.89	Average	Vertical
6	10480	44.14	4.94	49.08	74.00	-24.92	Peak	Vertical
7	15720	31.68	8.26	39.94	54.00	-14.06	Average	Vertical
8	15720	44.28	8.26	52.54	74.00	-21.46	Peak	Vertical
802.11A_ANT 5_5260 MHz								
1	10520	32.13	4.95	37.08	54.00	-16.92	Average	Horizontal
2	10520	45.23	4.95	50.18	74.00	-23.82	Peak	Horizontal
3	15780	31.83	8.15	39.98	54.00	-14.02	Average	Horizontal
4	15780	43.91	8.15	52.06	74.00	-21.94	Peak	Horizontal
5	10520	32.31	4.95	37.26	54.00	-16.74	Average	Vertical
6	10520	45.83	4.95	50.78	74.00	-23.22	Peak	Vertical
7	15780	31.83	8.15	39.98	54.00	-14.02	Average	Vertical
8	15780	44.29	8.15	52.44	74.00	-21.56	Peak	Vertical
802.11A_ANT 5_5300 MHz								
1	10600	34.27	4.89	39.16	54.00	-14.84	Average	Horizontal
2	10600	46.46	4.89	51.35	74.00	-22.65	Peak	Horizontal
3	15900	30.89	7.90	38.79	54.00	-15.21	Average	Horizontal
4	15900	43.59	7.90	51.49	74.00	-22.51	Peak	Horizontal
5	10600	34.19	4.89	39.08	54.00	-14.92	Average	Vertical
6	10600	46.80	4.89	51.69	74.00	-22.31	Peak	Vertical
7	15900	30.89	7.90	38.79	54.00	-15.21	Average	Vertical
8	15900	43.57	7.90	51.47	74.00	-22.53	Peak	Vertical
802.11A_ANT 5_5320 MHz								
1	10640	34.20	4.85	39.05	54.00	-14.95	Average	Horizontal
2	10640	46.38	4.85	51.23	74.00	-22.77	Peak	Horizontal
3	15960	30.96	7.78	38.74	54.00	-15.26	Average	Horizontal
4	15960	43.49	7.78	51.27	74.00	-22.73	Peak	Horizontal
5	10640	34.14	4.85	38.99	54.00	-15.01	Average	Vertical
6	10640	46.23	4.85	51.08	74.00	-22.92	Peak	Vertical
7	15960	31.01	7.78	38.79	54.00	-15.21	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15960	43.59	7.78	51.37	74.00	-22.63	Peak	Vertical
802.11A_ANT 5_5500 MHz								
1	11000	32.93	4.57	37.50	54.00	-16.50	Average	Horizontal
2	11000	46.15	4.57	50.72	74.00	-23.28	Peak	Horizontal
3	16500	32.77	7.91	40.68	54.00	-13.32	Average	Horizontal
4	16500	46.11	7.91	54.02	74.00	-19.98	Peak	Horizontal
5	11000	32.90	4.57	37.47	54.00	-16.53	Average	Vertical
6	11000	44.73	4.57	49.30	74.00	-24.70	Peak	Vertical
7	16500	32.73	7.91	40.64	54.00	-13.36	Average	Vertical
8	16500	46.28	7.91	54.19	74.00	-19.81	Peak	Vertical
802.11A_ANT 5_5600 MHz								
1	11200	32.89	4.71	37.60	54.00	-16.40	Average	Horizontal
2	11200	45.70	4.71	50.41	74.00	-23.59	Peak	Horizontal
3	16800	30.66	7.98	38.64	54.00	-15.36	Average	Horizontal
4	16800	42.96	7.98	50.94	74.00	-23.06	Peak	Horizontal
5	11200	32.86	4.71	37.57	54.00	-16.43	Average	Vertical
6	11200	45.54	4.71	50.25	74.00	-23.75	Peak	Vertical
7	16800	30.75	7.98	38.73	54.00	-15.27	Average	Vertical
8	16800	42.62	7.98	50.60	74.00	-23.40	Peak	Vertical
802.11A_ANT 5_5700 MHz								
1	11400	31.39	4.85	36.24	54.00	-17.76	Average	Horizontal
2	11400	44.32	4.85	49.17	74.00	-24.83	Peak	Horizontal
3	17100	32.19	8.22	40.41	54.00	-13.59	Average	Horizontal
4	17100	44.61	8.22	52.83	74.00	-21.17	Peak	Horizontal
5	11400	31.43	4.85	36.28	54.00	-17.72	Average	Vertical
6	11400	44.14	4.85	48.99	74.00	-25.01	Peak	Vertical
7	17100	32.26	8.22	40.48	54.00	-13.52	Average	Vertical
8	17100	45.13	8.22	53.35	74.00	-20.65	Peak	Vertical
802.11A_ANT 5_5720 MHz								
1	11440	32.12	4.88	37.00	54.00	-17.00	Average	Horizontal
2	11440	44.21	4.88	49.09	74.00	-24.91	Peak	Horizontal
3	17160	31.45	8.34	39.79	54.00	-14.21	Average	Horizontal
4	17160	44.64	8.34	52.98	74.00	-21.02	Peak	Horizontal
5	11440	32.08	4.88	36.96	54.00	-17.04	Average	Vertical
6	11440	45.47	4.88	50.35	74.00	-23.65	Peak	Vertical
7	17160	31.37	8.34	39.71	54.00	-14.29	Average	Vertical
8	17160	44.23	8.34	52.57	74.00	-21.43	Peak	Vertical
802.11A_ANT 5_5745 MHz								
1	11490	32.22	4.91	37.13	54.00	-16.87	Average	Horizontal
2	11490	44.59	4.91	49.50	74.00	-24.50	Peak	Horizontal
3	17235	31.10	8.49	39.59	54.00	-14.41	Average	Horizontal
4	17235	43.71	8.49	52.20	74.00	-21.80	Peak	Horizontal
5	11490	32.22	4.91	37.13	54.00	-16.87	Average	Vertical
6	11490	44.55	4.91	49.46	74.00	-24.54	Peak	Vertical
7	17235	31.01	8.49	39.50	54.00	-14.50	Average	Vertical
8	17235	44.53	8.49	53.02	74.00	-20.98	Peak	Vertical
802.11A_ANT 5_5785 MHz								
1	11570	31.59	5.01	36.60	54.00	-17.40	Average	Horizontal
2	11570	44.53	5.01	49.54	74.00	-24.46	Peak	Horizontal
3	17355	30.69	8.72	39.41	54.00	-14.59	Average	Horizontal
4	17355	43.32	8.72	52.04	74.00	-21.96	Peak	Horizontal
5	11570	31.67	5.01	36.68	54.00	-17.32	Average	Vertical
6	11570	44.17	5.01	49.18	74.00	-24.82	Peak	Vertical
7	17355	30.77	8.72	39.49	54.00	-14.51	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17355	43.09	8.72	51.81	74.00	-22.19	Peak	Vertical
802.11A_ANT 5_5825 MHz								
1	11650	33.30	5.13	38.43	54.00	-15.57	Average	Horizontal
2	11650	45.47	5.13	50.60	74.00	-23.40	Peak	Horizontal
3	17475	29.88	8.97	38.85	54.00	-15.15	Average	Horizontal
4	17475	42.33	8.97	51.30	74.00	-22.70	Peak	Horizontal
5	11650	33.27	5.13	38.40	54.00	-15.60	Average	Vertical
6	11650	45.42	5.13	50.55	74.00	-23.45	Peak	Vertical
7	17475	29.88	8.97	38.85	54.00	-15.15	Average	Vertical
8	17475	42.40	8.97	51.37	74.00	-22.63	Peak	Vertical
802.11A_ANT 7_5180 MHz								
1	10360	32.62	4.78	37.40	54.00	-16.60	Average	Horizontal
2	10360	44.30	4.78	49.08	74.00	-24.92	Peak	Horizontal
3	15540	31.64	8.63	40.27	54.00	-13.73	Average	Horizontal
4	15540	44.78	8.63	53.41	74.00	-20.59	Peak	Horizontal
5	10360	32.69	4.78	37.47	54.00	-16.53	Average	Vertical
6	10360	44.58	4.78	49.36	74.00	-24.64	Peak	Vertical
7	15540	31.64	8.63	40.27	54.00	-13.73	Average	Vertical
8	15540	44.27	8.63	52.90	74.00	-21.10	Peak	Vertical
802.11A_ANT 7_5200 MHz								
1	10400	32.68	4.83	37.51	54.00	-16.49	Average	Vertical
2	10400	45.86	4.83	50.69	74.00	-23.31	Peak	Vertical
3	15600	31.80	8.51	40.31	54.00	-13.69	Average	Vertical
4	15600	44.05	8.51	52.56	74.00	-21.44	Peak	Vertical
5	10400	32.64	4.83	37.47	54.00	-16.53	Average	Vertical
6	10400	44.79	4.83	49.62	74.00	-24.38	Peak	Vertical
7	15600	31.76	8.51	40.27	54.00	-13.73	Average	Vertical
8	15600	43.56	8.51	52.07	74.00	-21.93	Peak	Vertical
802.11A_ANT 7_5240 MHz								
1	10480	32.10	4.94	37.04	54.00	-16.96	Average	Horizontal
2	10480	44.80	4.94	49.74	74.00	-24.26	Peak	Horizontal
3	15720	31.79	8.26	40.05	54.00	-13.95	Average	Horizontal
4	15720	43.96	8.26	52.22	74.00	-21.78	Peak	Horizontal
5	10480	32.17	4.94	37.11	54.00	-16.89	Average	Vertical
6	10480	44.54	4.94	49.48	74.00	-24.52	Peak	Vertical
7	15720	31.68	8.26	39.94	54.00	-14.06	Average	Vertical
8	15720	44.40	8.26	52.66	74.00	-21.34	Peak	Vertical
802.11A_ANT 7_5260 MHz								
1	10520	32.09	4.95	37.04	54.00	-16.96	Average	Horizontal
2	10520	44.78	4.95	49.73	74.00	-24.27	Peak	Horizontal
3	15780	31.83	8.15	39.98	54.00	-14.02	Average	Horizontal
4	15780	45.67	8.15	53.82	74.00	-20.18	Peak	Horizontal
5	10520	32.20	4.95	37.15	54.00	-16.85	Average	Vertical
6	10520	44.60	4.95	49.55	74.00	-24.45	Peak	Vertical
7	15780	31.83	8.15	39.98	54.00	-14.02	Average	Vertical
8	15780	44.68	8.15	52.83	74.00	-21.17	Peak	Vertical
802.11A_ANT 7_5300 MHz								
1	10600	34.24	4.89	39.13	54.00	-14.87	Average	Horizontal
2	10600	47.21	4.89	52.10	74.00	-21.90	Peak	Horizontal
3	15900	30.89	7.90	38.79	54.00	-15.21	Average	Horizontal
4	15900	43.64	7.90	51.54	74.00	-22.46	Peak	Horizontal
5	10600	34.16	4.89	39.05	54.00	-14.95	Average	Vertical
6	10600	46.35	4.89	51.24	74.00	-22.76	Peak	Vertical
7	15900	30.84	7.90	38.74	54.00	-15.26	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15900	43.30	7.90	51.20	74.00	-22.80	Peak	Vertical
802.11A_ANT 7_5320 MHz								
1	10640	34.20	4.85	39.05	54.00	-14.95	Average	Horizontal
2	10640	46.50	4.85	51.35	74.00	-22.65	Peak	Horizontal
3	15960	31.05	7.78	38.83	54.00	-15.17	Average	Horizontal
4	15960	43.72	7.78	51.50	74.00	-22.50	Peak	Horizontal
5	10640	34.23	4.85	39.08	54.00	-14.92	Average	Vertical
6	10640	46.51	4.85	51.36	74.00	-22.64	Peak	Vertical
7	15960	31.05	7.78	38.83	54.00	-15.17	Average	Vertical
8	15960	42.95	7.78	50.73	74.00	-23.27	Peak	Vertical
802.11A_ANT 7_5500 MHz								
1	11000	32.97	4.57	37.54	54.00	-16.46	Average	Horizontal
2	11000	44.80	4.57	49.37	74.00	-24.63	Peak	Horizontal
3	16500	32.73	7.91	40.64	54.00	-13.36	Average	Horizontal
4	16500	45.81	7.91	53.72	74.00	-20.28	Peak	Horizontal
5	11000	33.00	4.57	37.57	54.00	-16.43	Average	Vertical
6	11000	45.23	4.57	49.80	74.00	-24.20	Peak	Vertical
7	16500	32.77	7.91	40.68	54.00	-13.32	Average	Vertical
8	16500	46.30	7.91	54.21	74.00	-19.79	Peak	Vertical
802.11A_ANT 7_5600 MHz								
1	11200	32.99	4.71	37.70	54.00	-16.30	Average	Horizontal
2	11200	45.22	4.71	49.93	74.00	-24.07	Peak	Horizontal
3	16800	30.71	7.98	38.69	54.00	-15.31	Average	Horizontal
4	16800	43.10	7.98	51.08	74.00	-22.92	Peak	Horizontal
5	11200	32.99	4.71	37.70	54.00	-16.30	Average	Vertical
6	11200	45.46	4.71	50.17	74.00	-23.83	Peak	Vertical
7	16800	30.75	7.98	38.73	54.00	-15.27	Average	Vertical
8	16800	43.44	7.98	51.42	74.00	-22.58	Peak	Vertical
802.11A_ANT 7_5700 MHz								
1	11400	31.35	4.85	36.20	54.00	-17.80	Average	Horizontal
2	11400	43.78	4.85	48.63	74.00	-25.37	Peak	Horizontal
3	17100	32.26	8.22	40.48	54.00	-13.52	Average	Horizontal
4	17100	45.54	8.22	53.76	74.00	-20.24	Peak	Horizontal
5	11400	31.43	4.85	36.28	54.00	-17.72	Average	Vertical
6	11400	43.49	4.85	48.34	74.00	-25.66	Peak	Vertical
7	17100	32.19	8.22	40.41	54.00	-13.59	Average	Vertical
8	17100	44.74	8.22	52.96	74.00	-21.04	Peak	Vertical
802.11A_ANT 7_5720 MHz								
1	11440	32.01	4.88	36.89	54.00	-17.11	Average	Horizontal
2	11440	44.69	4.88	49.57	74.00	-24.43	Peak	Horizontal
3	17160	31.41	8.34	39.75	54.00	-14.25	Average	Horizontal
4	17160	43.79	8.34	52.13	74.00	-21.87	Peak	Horizontal
5	11440	32.08	4.88	36.96	54.00	-17.04	Average	Vertical
6	11440	44.00	4.88	48.88	74.00	-25.12	Peak	Vertical
7	17160	31.41	8.34	39.75	54.00	-14.25	Average	Vertical
8	17160	44.62	8.34	52.96	74.00	-21.04	Peak	Vertical
802.11A_ANT 7_5745 MHz								
1	11490	32.26	4.91	37.17	54.00	-16.83	Average	Horizontal
2	11490	44.96	4.91	49.87	74.00	-24.13	Peak	Horizontal
3	17235	31.10	8.49	39.59	54.00	-14.41	Average	Horizontal
4	17235	43.69	8.49	52.18	74.00	-21.82	Peak	Horizontal
5	11490	32.26	4.91	37.17	54.00	-16.83	Average	Vertical
6	11490	44.54	4.91	49.45	74.00	-24.55	Peak	Vertical
7	17235	31.10	8.49	39.59	54.00	-14.41	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17235	42.86	8.49	51.35	74.00	-22.65	Peak	Vertical
802.11A_ANT 7_5785 MHz								
1	11570	31.71	5.01	36.72	54.00	-17.28	Average	Horizontal
2	11570	43.92	5.01	48.93	74.00	-25.07	Peak	Horizontal
3	17355	30.65	8.72	39.37	54.00	-14.63	Average	Horizontal
4	17355	42.99	8.72	51.71	74.00	-22.29	Peak	Horizontal
5	11570	31.59	5.01	36.60	54.00	-17.40	Average	Vertical
6	11570	44.60	5.01	49.61	74.00	-24.39	Peak	Vertical
7	17355	30.65	8.72	39.37	54.00	-14.63	Average	Vertical
8	17355	43.09	8.72	51.81	74.00	-22.19	Peak	Vertical
802.11A_ANT 7_5825 MHz								
1	11650	33.30	5.13	38.43	54.00	-15.57	Average	Horizontal
2	11650	45.52	5.13	50.65	74.00	-23.35	Peak	Horizontal
3	17475	29.88	8.97	38.85	54.00	-15.15	Average	Horizontal
4	17475	42.03	8.97	51.00	74.00	-23.00	Peak	Horizontal
5	11650	33.34	5.13	38.47	54.00	-15.53	Average	Vertical
6	11650	46.19	5.13	51.32	74.00	-22.68	Peak	Vertical
7	17475	29.88	8.97	38.85	54.00	-15.15	Average	Vertical
8	17475	42.58	8.97	51.55	74.00	-22.45	Peak	Vertical
802.11N20_ANT 5+7_5180 MHz								
1	10360	32.69	4.78	37.47	54.00	-16.53	Average	Horizontal
2	10360	44.67	4.78	49.45	74.00	-24.55	Peak	Horizontal
3	15540	31.60	8.63	40.23	54.00	-13.77	Average	Horizontal
4	15540	44.50	8.63	53.13	74.00	-20.87	Peak	Horizontal
5	10360	32.76	4.78	37.54	54.00	-16.46	Average	Vertical
6	10360	45.44	4.78	50.22	74.00	-23.78	Peak	Vertical
7	15540	31.56	8.63	40.19	54.00	-13.81	Average	Vertical
8	15540	44.53	8.63	53.16	74.00	-20.84	Peak	Vertical
802.11N20_ANT 5+7_5200 MHz								
1	10400	32.61	4.83	37.44	54.00	-16.56	Average	Horizontal
2	10400	44.28	4.83	49.11	74.00	-24.89	Peak	Horizontal
3	15600	31.72	8.51	40.23	54.00	-13.77	Average	Horizontal
4	15600	43.77	8.51	52.28	74.00	-21.72	Peak	Horizontal
5	10400	32.68	4.83	37.51	54.00	-16.49	Average	Vertical
6	10400	44.77	4.83	49.60	74.00	-24.40	Peak	Vertical
7	15600	31.72	8.51	40.23	54.00	-13.77	Average	Vertical
8	15600	44.62	8.51	53.13	74.00	-20.87	Peak	Vertical
802.11N20_ANT 5+7_5240 MHz								
1	10480	32.21	4.94	37.15	54.00	-16.85	Average	Horizontal
2	10480	44.65	4.94	49.59	74.00	-24.41	Peak	Horizontal
3	15720	31.64	8.26	39.90	54.00	-14.10	Average	Horizontal
4	15720	44.78	8.26	53.04	74.00	-20.96	Peak	Horizontal
5	10480	32.10	4.94	37.04	54.00	-16.96	Average	Vertical
6	10480	45.04	4.94	49.98	74.00	-24.02	Peak	Vertical
7	15720	31.72	8.26	39.98	54.00	-14.02	Average	Vertical
8	15720	44.03	8.26	52.29	74.00	-21.71	Peak	Vertical
802.11N20_ANT 5+7_5260 MHz								
1	10520	32.13	4.95	37.08	54.00	-16.92	Average	Horizontal
2	10520	44.38	4.95	49.33	74.00	-24.67	Peak	Horizontal
3	15780	31.75	8.15	39.90	54.00	-14.10	Average	Horizontal
4	15780	44.56	8.15	52.71	74.00	-21.29	Peak	Horizontal
5	10520	32.13	4.95	37.08	54.00	-16.92	Average	Vertical
6	10520	44.27	4.95	49.22	74.00	-24.78	Peak	Vertical
7	15780	31.75	8.15	39.90	54.00	-14.10	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15780	44.96	8.15	53.11	74.00	-20.89	Peak	Vertical
802.11N20_ANT 5+7_5300 MHz								
1	10600	34.10	4.89	38.99	54.00	-15.01	Average	Horizontal
2	10600	46.05	4.89	50.94	74.00	-23.06	Peak	Horizontal
3	15900	30.84	7.90	38.74	54.00	-15.26	Average	Horizontal
4	15900	43.20	7.90	51.10	74.00	-22.90	Peak	Horizontal
5	10600	34.10	4.89	38.99	54.00	-15.01	Average	Horizontal
6	10600	46.04	4.89	50.93	74.00	-23.07	Peak	Vertical
7	15900	30.84	7.90	38.74	54.00	-15.26	Average	Horizontal
8	15900	44.07	7.90	51.97	74.00	-22.03	Peak	Vertical
802.11N20_ANT 5+7_5320 MHz								
1	10640	34.17	4.85	39.02	54.00	-14.98	Average	Horizontal
2	10640	46.67	4.85	51.52	74.00	-22.48	Peak	Horizontal
3	15960	30.96	7.78	38.74	54.00	-15.26	Average	Horizontal
4	15960	44.06	7.78	51.84	74.00	-22.16	Peak	Horizontal
5	10640	34.17	4.85	39.02	54.00	-14.98	Average	Vertical
6	10640	46.26	4.85	51.11	74.00	-22.89	Peak	Vertical
7	15960	30.96	7.78	38.74	54.00	-15.26	Average	Vertical
8	15960	43.69	7.78	51.47	74.00	-22.53	Peak	Vertical
802.11N20_ANT 5+7_5500 MHz								
1	11000	32.83	4.57	37.40	54.00	-16.60	Average	Horizontal
2	11000	44.78	4.57	49.35	74.00	-24.65	Peak	Horizontal
3	16500	32.73	7.91	40.64	54.00	-13.36	Average	Horizontal
4	16500	45.43	7.91	53.34	74.00	-20.66	Peak	Horizontal
5	11000	32.97	4.57	37.54	54.00	-16.46	Average	Vertical
6	11000	45.81	4.57	50.38	74.00	-23.62	Peak	Vertical
7	16500	32.70	7.91	40.61	54.00	-13.39	Average	Vertical
8	16500	45.89	7.91	53.80	74.00	-20.20	Peak	Vertical
802.11N20_ANT 5+7_5600 MHz								
1	11200	32.89	4.71	37.60	54.00	-16.40	Average	Horizontal
2	11200	45.93	4.71	50.64	74.00	-23.36	Peak	Horizontal
3	16800	30.66	7.98	38.64	54.00	-15.36	Average	Horizontal
4	16800	42.87	7.98	50.85	74.00	-23.15	Peak	Horizontal
5	11200	32.86	4.71	37.57	54.00	-16.43	Average	Vertical
6	11200	45.14	4.71	49.85	74.00	-24.15	Peak	Vertical
7	16800	30.62	7.98	38.60	54.00	-15.40	Average	Vertical
8	16800	43.64	7.98	51.62	74.00	-22.38	Peak	Vertical
802.11N20_ANT 5+7_5700 MHz								
1	11400	31.35	4.85	36.20	54.00	-17.80	Average	Horizontal
2	11400	43.68	4.85	48.53	74.00	-25.47	Peak	Horizontal
3	17100	32.15	8.22	40.37	54.00	-13.63	Average	Horizontal
4	17100	45.81	8.22	54.03	74.00	-19.97	Peak	Horizontal
5	11400	31.31	4.85	36.16	54.00	-17.84	Average	Vertical
6	11400	45.25	4.85	50.10	74.00	-23.90	Peak	Vertical
7	17100	32.19	8.22	40.41	54.00	-13.59	Average	Vertical
8	17100	45.30	8.22	53.52	74.00	-20.48	Peak	Vertical
802.11N20_ANT 5+7_5720 MHz								
1	11440	32.12	4.88	37.00	54.00	-17.00	Average	Horizontal
2	11440	44.30	4.88	49.18	74.00	-24.82	Peak	Horizontal
3	17160	31.45	8.34	39.79	54.00	-14.21	Average	Horizontal
4	17160	44.40	8.34	52.74	74.00	-21.26	Peak	Horizontal
5	11440	32.08	4.88	36.96	54.00	-17.04	Average	Vertical
6	11440	43.93	4.88	48.81	74.00	-25.19	Peak	Vertical
7	17160	31.45	8.34	39.79	54.00	-14.21	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17160	44.69	8.34	53.03	74.00	-20.97	Peak	Vertical
802.11N20_ANT 5+7_5745 MHz								
1	11490	32.29	4.91	37.20	54.00	-16.80	Average	Horizontal
2	11490	44.44	4.91	49.35	74.00	-24.65	Peak	Horizontal
3	17235	31.01	8.49	39.50	54.00	-14.50	Average	Horizontal
4	17235	43.20	8.49	51.69	74.00	-22.31	Peak	Horizontal
5	11490	32.22	4.91	37.13	54.00	-16.87	Average	Vertical
6	11490	45.09	4.91	50.00	74.00	-24.00	Peak	Vertical
7	17235	31.01	8.49	39.50	54.00	-14.50	Average	Vertical
8	17235	43.39	8.49	51.88	74.00	-22.12	Peak	Vertical
802.11N20_ANT 5+7_5785 MHz								
1	11570	31.67	5.01	36.68	54.00	-17.32	Average	Horizontal
2	11570	45.33	5.01	50.34	74.00	-23.66	Peak	Horizontal
3	17355	30.65	8.72	39.37	54.00	-14.63	Average	Horizontal
4	17355	42.49	8.72	51.21	74.00	-22.79	Peak	Horizontal
5	11570	31.71	5.01	36.72	54.00	-17.28	Average	Vertical
6	11570	44.79	5.01	49.80	74.00	-24.20	Peak	Vertical
7	17355	30.69	8.72	39.41	54.00	-14.59	Average	Vertical
8	17355	43.05	8.72	51.77	74.00	-22.23	Peak	Vertical
802.11N20_ANT 5+7_5825 MHz								
1	11650	33.30	5.13	38.43	54.00	-15.57	Average	Horizontal
2	11650	46.07	5.13	51.20	74.00	-22.80	Peak	Horizontal
3	17475	29.84	8.97	38.81	54.00	-15.19	Average	Horizontal
4	17475	42.55	8.97	51.52	74.00	-22.48	Peak	Horizontal
5	11650	33.27	5.13	38.40	54.00	-15.60	Average	Vertical
6	11650	45.77	5.13	50.90	74.00	-23.10	Peak	Vertical
7	17475	29.84	8.97	38.81	54.00	-15.19	Average	Vertical
8	17475	42.15	8.97	51.12	74.00	-22.88	Peak	Vertical
802.11N40_ANT 5+7_5190 MHz								
1	10380	32.77	4.80	37.57	54.00	-16.43	Average	Horizontal
2	10380	44.29	4.80	49.09	74.00	-24.91	Peak	Horizontal
3	15570	31.75	8.56	40.31	54.00	-13.69	Average	Horizontal
4	15570	44.56	8.56	53.12	74.00	-20.88	Peak	Horizontal
5	10380	32.74	4.80	37.54	54.00	-16.46	Average	Vertical
6	10380	45.28	4.80	50.08	74.00	-23.92	Peak	Vertical
7	15570	31.75	8.56	40.31	54.00	-13.69	Average	Vertical
8	15570	44.65	8.56	53.21	74.00	-20.79	Peak	Vertical
802.11N40_ANT 5+7_5230 MHz								
1	10460	32.54	4.92	37.46	54.00	-16.54	Average	Horizontal
2	10460	44.96	4.92	49.88	74.00	-24.12	Peak	Horizontal
3	15690	32.66	8.32	40.98	54.00	-13.02	Average	Horizontal
4	15690	45.81	8.32	54.13	74.00	-19.87	Peak	Horizontal
5	10460	32.54	4.92	37.46	54.00	-16.54	Average	Vertical
6	10460	45.23	4.92	50.15	74.00	-23.85	Peak	Vertical
7	15690	32.62	8.32	40.94	54.00	-13.06	Average	Vertical
8	15690	45.66	8.32	53.98	74.00	-20.02	Peak	Vertical
802.11N40_ANT 5+7_5270 MHz								
1	10540	33.70	4.93	38.63	54.00	-15.37	Average	Horizontal
2	10540	47.79	4.93	52.72	74.00	-21.28	Peak	Horizontal
3	15810	30.76	8.09	38.85	54.00	-15.15	Average	Horizontal
4	15810	43.11	8.09	51.20	74.00	-22.80	Peak	Horizontal
5	10540	33.73	4.93	38.66	54.00	-15.34	Average	Vertical
6	10540	45.94	4.93	50.87	74.00	-23.13	Peak	Vertical
7	15810	30.80	8.09	38.89	54.00	-15.11	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15810	43.14	8.09	51.23	74.00	-22.77	Peak	Vertical
802.11N40_ANT 5+7_5310 MHz								
1	10620	34.18	4.87	39.05	54.00	-14.95	Average	Horizontal
2	10620	47.63	4.87	52.50	74.00	-21.50	Peak	Horizontal
3	15930	30.94	7.85	38.79	54.00	-15.21	Average	Horizontal
4	15930	44.21	7.85	52.06	74.00	-21.94	Peak	Horizontal
5	10620	34.26	4.87	39.13	54.00	-14.87	Average	Vertical
6	10620	46.18	4.87	51.05	74.00	-22.95	Peak	Vertical
7	15930	30.94	7.85	38.79	54.00	-15.21	Average	Vertical
8	15930	43.98	7.85	51.83	74.00	-22.17	Peak	Vertical
802.11N40_ANT 5+7_5510 MHz								
1	10620	34.26	4.87	39.13	54.00	-14.87	Average	Vertical
2	11020	45.71	4.59	50.30	74.00	-23.70	Peak	Horizontal
3	15930	30.94	7.85	38.79	54.00	-15.21	Average	Vertical
4	16530	45.25	7.92	53.17	74.00	-20.83	Peak	Horizontal
5	11020	32.81	4.59	37.40	54.00	-16.60	Average	Vertical
6	11020	44.80	4.59	49.39	74.00	-24.61	Peak	Vertical
7	16530	32.72	7.92	40.64	54.00	-13.36	Average	Vertical
8	16530	45.61	7.92	53.53	74.00	-20.47	Peak	Vertical
802.11N40_ANT 5+7_5590 MHz								
1	11180	32.98	4.69	37.67	54.00	-16.33	Average	Horizontal
2	11180	45.59	4.69	50.28	74.00	-23.72	Peak	Horizontal
3	16770	30.72	7.97	38.69	54.00	-15.31	Average	Horizontal
4	16770	43.51	7.97	51.48	74.00	-22.52	Peak	Horizontal
5	11180	32.91	4.69	37.60	54.00	-16.40	Average	Vertical
6	11180	45.82	4.69	50.51	74.00	-23.49	Peak	Vertical
7	16770	30.67	7.97	38.64	54.00	-15.36	Average	Vertical
8	16770	43.17	7.97	51.14	74.00	-22.86	Peak	Vertical
802.11N40_ANT 5+7_5670 MHz								
1	11340	32.13	4.81	36.94	54.00	-17.06	Average	Horizontal
2	11340	45.38	4.81	50.19	74.00	-23.81	Peak	Horizontal
3	17010	31.94	8.04	39.98	54.00	-14.02	Average	Horizontal
4	17010	45.21	8.04	53.25	74.00	-20.75	Peak	Horizontal
5	11340	32.17	4.81	36.98	54.00	-17.02	Average	Vertical
6	11340	44.38	4.81	49.19	74.00	-24.81	Peak	Vertical
7	17010	31.87	8.04	39.91	54.00	-14.09	Average	Vertical
8	17010	45.64	8.04	53.68	74.00	-20.32	Peak	Vertical
802.11N40_ANT 5+7_5710 MHz								
1	11420	31.30	4.86	36.16	54.00	-17.84	Average	Horizontal
2	11420	43.46	4.86	48.32	74.00	-25.68	Peak	Horizontal
3	17130	32.23	8.28	40.51	54.00	-13.49	Average	Horizontal
4	17130	44.85	8.28	53.13	74.00	-20.87	Peak	Horizontal
5	11420	31.30	4.86	36.16	54.00	-17.84	Average	Horizontal
6	11420	44.75	4.86	49.61	74.00	-24.39	Peak	Vertical
7	17130	32.23	8.28	40.51	54.00	-13.49	Average	Horizontal
8	17130	44.61	8.28	52.89	74.00	-21.11	Peak	Vertical
802.11N40_ANT 5+7_5755 MHz								
1	11510	32.27	4.93	37.20	54.00	-16.80	Average	Horizontal
2	11510	45.66	4.93	50.59	74.00	-23.41	Peak	Horizontal
3	17265	31.05	8.54	39.59	54.00	-14.41	Average	Horizontal
4	17265	44.02	8.54	52.56	74.00	-21.44	Peak	Horizontal
5	11510	32.41	4.93	37.34	54.00	-16.66	Average	Vertical
6	11510	44.63	4.93	49.56	74.00	-24.44	Peak	Vertical
7	17265	31.09	8.54	39.63	54.00	-14.37	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17265	43.36	8.54	51.90	74.00	-22.10	Peak	Vertical
802.11N40_ANT 5+7_5795 MHz								
1	11590	31.55	5.05	36.60	54.00	-17.40	Average	Horizontal
2	11590	44.15	5.05	49.20	74.00	-24.80	Peak	Horizontal
3	17385	30.66	8.79	39.45	54.00	-14.55	Average	Horizontal
4	17385	42.71	8.79	51.50	74.00	-22.50	Peak	Horizontal
5	11590	31.52	5.05	36.57	54.00	-17.43	Average	Vertical
6	11590	44.81	5.05	49.86	74.00	-24.14	Peak	Vertical
7	17385	30.58	8.79	39.37	54.00	-14.63	Average	Vertical
8	17385	43.41	8.79	52.20	74.00	-21.80	Peak	Vertical
802.11AC80_ANT 5+7_5210 MHz								
1	10420	32.46	4.86	37.32	54.00	-16.68	Average	Horizontal
2	10420	44.59	4.86	49.45	74.00	-24.55	Peak	Horizontal
3	15630	32.53	8.45	40.98	54.00	-13.02	Average	Horizontal
4	15630	45.26	8.45	53.71	74.00	-20.29	Peak	Horizontal
5	10420	32.53	4.86	37.39	54.00	-16.61	Average	Vertical
6	10420	44.58	4.86	49.44	74.00	-24.56	Peak	Vertical
7	15630	32.49	8.45	40.94	54.00	-13.06	Average	Vertical
8	15630	45.98	8.45	54.43	74.00	-19.57	Peak	Vertical
802.11AC80_ANT 5+7_5290 MHz								
1	10580	33.72	4.91	38.63	54.00	-15.37	Average	Horizontal
2	10580	46.28	4.91	51.19	74.00	-22.81	Peak	Horizontal
3	15870	30.85	7.96	38.81	54.00	-15.19	Average	Horizontal
4	15870	42.77	7.96	50.73	74.00	-23.27	Peak	Horizontal
5	10580	33.69	4.91	38.60	54.00	-15.40	Average	Vertical
6	10580	46.35	4.91	51.26	74.00	-22.74	Peak	Vertical
7	15870	30.89	7.96	38.85	54.00	-15.15	Average	Vertical
8	15870	43.53	7.96	51.49	74.00	-22.51	Peak	Vertical
802.11AC80_ANT 5+7_5530 MHz								
1	11060	33.99	4.60	38.59	54.00	-15.41	Average	Horizontal
2	11060	46.44	4.60	51.04	74.00	-22.96	Peak	Horizontal
3	16590	30.85	7.92	38.77	54.00	-15.23	Average	Horizontal
4	16590	44.92	7.92	52.84	74.00	-21.16	Peak	Horizontal
5	11060	33.93	4.60	38.53	54.00	-15.47	Average	Vertical
6	11060	45.97	4.60	50.57	74.00	-23.43	Peak	Vertical
7	16590	30.89	7.92	38.81	54.00	-15.19	Average	Vertical
8	16590	44.06	7.92	51.98	74.00	-22.02	Peak	Vertical
802.11AC80_ANT 5+7_5610 MHz								
1	11220	32.91	4.73	37.64	54.00	-16.36	Average	Horizontal
2	11220	46.47	4.73	51.20	74.00	-22.80	Peak	Horizontal
3	16830	30.65	7.99	38.64	54.00	-15.36	Average	Horizontal
4	16830	43.15	7.99	51.14	74.00	-22.86	Peak	Horizontal
5	11220	33.00	4.73	37.73	54.00	-16.27	Average	Vertical
6	11220	45.32	4.73	50.05	74.00	-23.95	Peak	Vertical
7	16830	30.65	7.99	38.64	54.00	-15.36	Average	Vertical
8	16830	43.06	7.99	51.05	74.00	-22.95	Peak	Vertical
802.11AC80_ANT 5+7_5690 MHz								
1	11380	31.45	4.83	36.28	54.00	-17.72	Average	Horizontal
2	11380	44.62	4.83	49.45	74.00	-24.55	Peak	Horizontal
3	17070	32.26	8.15	40.41	54.00	-13.59	Average	Horizontal
4	17070	44.89	8.15	53.04	74.00	-20.96	Peak	Horizontal
5	11380	31.45	4.83	36.28	54.00	-17.72	Average	Vertical
6	11380	44.21	4.83	49.04	74.00	-24.96	Peak	Vertical
7	17070	32.26	8.15	40.41	54.00	-13.59	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17070	44.74	8.15	52.89	74.00	-21.11	Peak	Vertical
802.11AC80_ANT 5+7_5775 MHz								
1	11550	32.14	4.99	37.13	54.00	-16.87	Average	Horizontal
2	11550	44.25	4.99	49.24	74.00	-24.76	Peak	Horizontal
3	17325	30.89	8.66	39.55	54.00	-14.45	Average	Horizontal
4	17325	42.99	8.66	51.65	74.00	-22.35	Peak	Horizontal
5	11550	32.18	4.99	37.17	54.00	-16.83	Average	Vertical
6	11550	44.68	4.99	49.67	74.00	-24.33	Peak	Vertical
7	17325	30.84	8.66	39.50	54.00	-14.50	Average	Vertical
8	17325	43.55	8.66	52.21	74.00	-21.79	Peak	Vertical
802.11AX20_SU_ANT 5+7_5180 MHz								
1	10360	32.73	4.78	37.51	54.00	-16.49	Average	Horizontal
2	10360	45.84	4.78	50.62	74.00	-23.38	Peak	Horizontal
3	15540	31.64	8.63	40.27	54.00	-13.73	Average	Horizontal
4	15540	44.24	8.63	52.87	74.00	-21.13	Peak	Horizontal
5	10360	32.73	4.78	37.51	54.00	-16.49	Average	Vertical
6	10360	44.64	4.78	49.42	74.00	-24.58	Peak	Vertical
7	15540	31.68	8.63	40.31	54.00	-13.69	Average	Vertical
8	15540	44.41	8.63	53.04	74.00	-20.96	Peak	Vertical
802.11AX20_SU_ANT 5+7_5200 MHz								
1	10400	32.68	4.83	37.51	54.00	-16.49	Average	Horizontal
2	10400	45.40	4.83	50.23	74.00	-23.77	Peak	Horizontal
3	15600	31.72	8.51	40.23	54.00	-13.77	Average	Horizontal
4	15600	44.22	8.51	52.73	74.00	-21.27	Peak	Horizontal
5	10400	32.68	4.83	37.51	54.00	-16.49	Average	Vertical
6	10400	45.28	4.83	50.11	74.00	-23.89	Peak	Vertical
7	15600	31.80	8.51	40.31	54.00	-13.69	Average	Vertical
8	15600	44.88	8.51	53.39	74.00	-20.61	Peak	Vertical
802.11AX20_SU_ANT 5+7_5240 MHz								
1	10480	32.17	4.94	37.11	54.00	-16.89	Average	Horizontal
2	10480	45.45	4.94	50.39	74.00	-23.61	Peak	Horizontal
3	15720	31.64	8.26	39.90	54.00	-14.10	Average	Horizontal
4	15720	44.16	8.26	52.42	74.00	-21.58	Peak	Horizontal
5	10480	32.21	4.94	37.15	54.00	-16.85	Average	Vertical
6	10480	44.51	4.94	49.45	74.00	-24.55	Peak	Vertical
7	15720	31.72	8.26	39.98	54.00	-14.02	Average	Vertical
8	15720	44.30	8.26	52.56	74.00	-21.44	Peak	Vertical
802.11AX20_SU_ANT 5+7_5260 MHz								
1	10520	32.13	4.95	37.08	54.00	-16.92	Average	Horizontal
2	10520	45.05	4.95	50.00	74.00	-24.00	Peak	Horizontal
3	15780	31.83	8.15	39.98	54.00	-14.02	Average	Horizontal
4	15780	43.69	8.15	51.84	74.00	-22.16	Peak	Horizontal
5	10520	32.13	4.95	37.08	54.00	-16.92	Average	Vertical
6	10520	44.71	4.95	49.66	74.00	-24.34	Peak	Vertical
7	15780	31.79	8.15	39.94	54.00	-14.06	Average	Vertical
8	15780	44.41	8.15	52.56	74.00	-21.44	Peak	Vertical
802.11AX20_SU_ANT 5+7_5300 MHz								
1	10600	34.19	4.89	39.08	54.00	-14.92	Average	Horizontal
2	10600	45.95	4.89	50.84	74.00	-23.16	Peak	Horizontal
3	15900	30.89	7.90	38.79	54.00	-15.21	Average	Horizontal
4	15900	44.05	7.90	51.95	74.00	-22.05	Peak	Horizontal
5	10600	34.21	4.89	39.10	54.00	-14.90	Average	Vertical
6	10600	45.97	4.89	50.86	74.00	-23.14	Peak	Vertical
7	15900	30.84	7.90	38.74	54.00	-15.26	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15900	43.17	7.90	51.07	74.00	-22.93	Peak	Vertical
802.11AX20_SU_ANT 5+7_5320 MHz								
1	10640	34.20	4.85	39.05	54.00	-14.95	Average	Horizontal
2	10640	46.94	4.85	51.79	74.00	-22.21	Peak	Horizontal
3	15960	31.05	7.78	38.83	54.00	-15.17	Average	Horizontal
4	15960	44.13	7.78	51.91	74.00	-22.09	Peak	Horizontal
5	10640	34.23	4.85	39.08	54.00	-14.92	Average	Vertical
6	10640	46.70	4.85	51.55	74.00	-22.45	Peak	Vertical
7	15960	31.05	7.78	38.83	54.00	-15.17	Average	Vertical
8	15960	44.25	7.78	52.03	74.00	-21.97	Peak	Vertical
802.11AX20_SU_ANT 5+7_5500 MHz								
1	11000	32.83	4.57	37.40	54.00	-16.60	Average	Horizontal
2	11000	44.73	4.57	49.30	74.00	-24.70	Peak	Horizontal
3	16500	32.73	7.91	40.64	54.00	-13.36	Average	Horizontal
4	16500	45.42	7.91	53.33	74.00	-20.67	Peak	Horizontal
5	11000	32.83	4.57	37.40	54.00	-16.60	Average	Horizontal
6	11000	44.53	4.57	49.10	74.00	-24.90	Peak	Vertical
7	16500	32.73	7.91	40.64	54.00	-13.36	Average	Horizontal
8	16500	44.77	7.91	52.68	74.00	-21.32	Peak	Vertical
802.11AX20_SU_ANT 5+7_5600 MHz								
1	11200	32.99	4.71	37.70	54.00	-16.30	Average	Horizontal
2	11200	45.14	4.71	49.85	74.00	-24.15	Peak	Horizontal
3	16800	30.66	7.98	38.64	54.00	-15.36	Average	Horizontal
4	16800	43.99	7.98	51.97	74.00	-22.03	Peak	Horizontal
5	11200	32.99	4.71	37.70	54.00	-16.30	Average	Vertical
6	11200	44.97	4.71	49.68	74.00	-24.32	Peak	Vertical
7	16800	30.75	7.98	38.73	54.00	-15.27	Average	Vertical
8	16800	43.20	7.98	51.18	74.00	-22.82	Peak	Vertical
802.11AX20_SU_ANT 5+7_5700 MHz								
1	11400	31.47	4.85	36.32	54.00	-17.68	Average	Horizontal
2	11400	43.11	4.85	47.96	74.00	-26.04	Peak	Horizontal
3	17100	32.19	8.22	40.41	54.00	-13.59	Average	Horizontal
4	17100	45.92	8.22	54.14	74.00	-19.86	Peak	Horizontal
5	11400	31.47	4.85	36.32	54.00	-17.68	Average	Vertical
6	11400	44.14	4.85	48.99	74.00	-25.01	Peak	Vertical
7	17100	32.26	8.22	40.48	54.00	-13.52	Average	Vertical
8	17100	45.63	8.22	53.85	74.00	-20.15	Peak	Vertical
802.11AX20_SU_ANT 5+7_5720 MHz								
1	11440	32.08	4.88	36.96	54.00	-17.04	Average	Horizontal
2	11440	44.45	4.88	49.33	74.00	-24.67	Peak	Horizontal
3	17160	31.37	8.34	39.71	54.00	-14.29	Average	Horizontal
4	17160	45.08	8.34	53.42	74.00	-20.58	Peak	Horizontal
5	11440	32.12	4.88	37.00	54.00	-17.00	Average	Vertical
6	11440	44.47	4.88	49.35	74.00	-24.65	Peak	Vertical
7	17160	31.41	8.34	39.75	54.00	-14.25	Average	Vertical
8	17160	44.57	8.34	52.91	74.00	-21.09	Peak	Vertical
802.11AX20_SU_ANT 5+7_5745 MHz								
1	11490	32.22	4.91	37.13	54.00	-16.87	Average	Horizontal
2	11490	45.36	4.91	50.27	74.00	-23.73	Peak	Horizontal
3	17235	31.10	8.49	39.59	54.00	-14.41	Average	Horizontal
4	17235	42.98	8.49	51.47	74.00	-22.53	Peak	Horizontal
5	11490	32.26	4.91	37.17	54.00	-16.83	Average	Vertical
6	11490	44.61	4.91	49.52	74.00	-24.48	Peak	Vertical
7	17235	31.06	8.49	39.55	54.00	-14.45	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17235	43.43	8.49	51.92	74.00	-22.08	Peak	Vertical
802.11AX20_SU_ANT 5+7_5785 MHz								
1	11570	31.59	5.01	36.60	54.00	-17.40	Average	Horizontal
2	11570	44.53	5.01	49.54	74.00	-24.46	Peak	Horizontal
3	17355	30.69	8.72	39.41	54.00	-14.59	Average	Horizontal
4	17355	43.63	8.72	52.35	74.00	-21.65	Peak	Horizontal
5	11570	31.52	5.01	36.53	54.00	-17.47	Average	Vertical
6	11570	44.55	5.01	49.56	74.00	-24.44	Peak	Vertical
7	17355	30.69	8.72	39.41	54.00	-14.59	Average	Vertical
8	17355	44.03	8.72	52.75	74.00	-21.25	Peak	Vertical
802.11AX20_SU_ANT 5+7_5825 MHz								
1	11650	33.34	5.13	38.47	54.00	-15.53	Average	Horizontal
2	11650	45.50	5.13	50.63	74.00	-23.37	Peak	Horizontal
3	17475	29.79	8.97	38.76	54.00	-15.24	Average	Horizontal
4	17475	42.18	8.97	51.15	74.00	-22.85	Peak	Horizontal
5	11650	33.24	5.13	38.37	54.00	-15.63	Average	Vertical
6	11650	45.90	5.13	51.03	74.00	-22.97	Peak	Vertical
7	17475	29.79	8.97	38.76	54.00	-15.24	Average	Vertical
8	17475	42.73	8.97	51.70	74.00	-22.30	Peak	Vertical
802.11AX40_ANT 5+7_5190 MHz								
1	10380	45.02	4.80	49.82	74.00	-24.18	Peak	Horizontal
2	11550	32.18	4.99	37.17	54.00	-16.83	Average	Vertical
3	15570	44.02	8.56	52.58	74.00	-21.42	Peak	Horizontal
4	17325	30.84	8.66	39.50	54.00	-14.50	Average	Vertical
5	10380	32.67	4.80	37.47	54.00	-16.53	Average	Vertical
6	10380	44.71	4.80	49.51	74.00	-24.49	Peak	Vertical
7	15570	31.71	8.56	40.27	54.00	-13.73	Average	Vertical
8	15570	43.82	8.56	52.38	74.00	-21.62	Peak	Vertical
802.11AX40_ANT 5+7_5230 MHz								
1	10460	32.43	4.92	37.35	54.00	-16.65	Average	Horizontal
2	10460	45.33	4.92	50.25	74.00	-23.75	Peak	Horizontal
3	15690	32.59	8.32	40.91	54.00	-13.09	Average	Horizontal
4	15690	44.42	8.32	52.74	74.00	-21.26	Peak	Horizontal
5	10460	32.40	4.92	37.32	54.00	-16.68	Average	Vertical
6	10460	44.53	4.92	49.45	74.00	-24.55	Peak	Vertical
7	15690	32.59	8.32	40.91	54.00	-13.09	Average	Vertical
8	15690	44.56	8.32	52.88	74.00	-21.12	Peak	Vertical
802.11AX40_ANT 5+7_5270 MHz								
1	10540	33.64	4.93	38.57	54.00	-15.43	Average	Horizontal
2	10540	46.17	4.93	51.10	74.00	-22.90	Peak	Horizontal
3	15810	30.76	8.09	38.85	54.00	-15.15	Average	Horizontal
4	15810	42.95	8.09	51.04	74.00	-22.96	Peak	Horizontal
5	10540	33.70	4.93	38.63	54.00	-15.37	Average	Vertical
6	10540	45.91	4.93	50.84	74.00	-23.16	Peak	Vertical
7	15810	30.67	8.09	38.76	54.00	-15.24	Average	Vertical
8	15810	43.21	8.09	51.30	74.00	-22.70	Peak	Vertical
802.11AX40_ANT 5+7_5310 MHz								
1	10620	34.23	4.87	39.10	54.00	-14.90	Average	Horizontal
2	10620	46.08	4.87	50.95	74.00	-23.05	Peak	Horizontal
3	15930	30.89	7.85	38.74	54.00	-15.26	Average	Horizontal
4	15930	43.38	7.85	51.23	74.00	-22.77	Peak	Horizontal
5	10620	34.18	4.87	39.05	54.00	-14.95	Average	Vertical
6	10620	46.20	4.87	51.07	74.00	-22.93	Peak	Vertical
7	15930	30.89	7.85	38.74	54.00	-15.26	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	15930	43.99	7.85	51.84	74.00	-22.16	Peak	Vertical
802.11AX40_ANT 5+7_5510 MHz								
1	11020	32.81	4.59	37.40	54.00	-16.60	Average	Horizontal
2	11020	46.07	4.59	50.66	74.00	-23.34	Peak	Horizontal
3	16530	32.72	7.92	40.64	54.00	-13.36	Average	Horizontal
4	16530	45.39	7.92	53.31	74.00	-20.69	Peak	Horizontal
5	11020	32.81	4.59	37.40	54.00	-16.60	Average	Vertical
6	11020	44.97	4.59	49.56	74.00	-24.44	Peak	Vertical
7	16530	32.72	7.92	40.64	54.00	-13.36	Average	Vertical
8	16530	45.28	7.92	53.20	74.00	-20.80	Peak	Vertical
802.11AX40_ANT 5+7_5590 MHz								
1	11180	33.01	4.69	37.70	54.00	-16.30	Average	Horizontal
2	11180	45.24	4.69	49.93	74.00	-24.07	Peak	Horizontal
3	16770	30.80	7.97	38.77	54.00	-15.23	Average	Horizontal
4	16770	43.61	7.97	51.58	74.00	-22.42	Peak	Horizontal
5	11180	32.88	4.69	37.57	54.00	-16.43	Average	Vertical
6	11180	44.54	4.69	49.23	74.00	-24.77	Peak	Vertical
7	16770	30.72	7.97	38.69	54.00	-15.31	Average	Vertical
8	16770	43.27	7.97	51.24	74.00	-22.76	Peak	Vertical
802.11AX40_ANT 5+7_5670 MHz								
1	11340	32.02	4.81	36.83	54.00	-17.17	Average	Horizontal
2	11340	44.26	4.81	49.07	74.00	-24.93	Peak	Horizontal
3	17010	31.91	8.04	39.95	54.00	-14.05	Average	Horizontal
4	17010	44.72	8.04	52.76	74.00	-21.24	Peak	Horizontal
5	11340	32.10	4.81	36.91	54.00	-17.09	Average	Vertical
6	11340	44.43	4.81	49.24	74.00	-24.76	Peak	Vertical
7	17010	31.91	8.04	39.95	54.00	-14.05	Average	Vertical
8	17010	44.46	8.04	52.50	74.00	-21.50	Peak	Vertical
802.11AX40_ANT 5+7_5710 MHz								
1	11420	31.34	4.86	36.20	54.00	-17.80	Average	Horizontal
2	11420	43.18	4.86	48.04	74.00	-25.96	Peak	Horizontal
3	17130	32.20	8.28	40.48	54.00	-13.52	Average	Horizontal
4	17130	45.20	8.28	53.48	74.00	-20.52	Peak	Horizontal
5	11420	31.34	4.86	36.20	54.00	-17.80	Average	Vertical
6	11420	44.28	4.86	49.14	74.00	-24.86	Peak	Vertical
7	17130	32.13	8.28	40.41	54.00	-13.59	Average	Vertical
8	17130	44.96	8.28	53.24	74.00	-20.76	Peak	Vertical
802.11AX40_ANT 5+7_5755 MHz								
1	11510	32.24	4.93	37.17	54.00	-16.83	Average	Horizontal
2	11510	44.63	4.93	49.56	74.00	-24.44	Peak	Horizontal
3	17265	31.05	8.54	39.59	54.00	-14.41	Average	Horizontal
4	17265	43.29	8.54	51.83	74.00	-22.17	Peak	Horizontal
5	11510	32.24	4.93	37.17	54.00	-16.83	Average	Vertical
6	11510	44.51	4.93	49.44	74.00	-24.56	Peak	Vertical
7	17265	31.09	8.54	39.63	54.00	-14.37	Average	Vertical
8	17265	43.18	8.54	51.72	74.00	-22.28	Peak	Vertical
802.11AX40_ANT 5+7_5795 MHz								
1	11590	31.71	5.05	36.76	54.00	-17.24	Average	Horizontal
2	11590	44.72	5.05	49.77	74.00	-24.23	Peak	Horizontal
3	17385	30.58	8.79	39.37	54.00	-14.63	Average	Horizontal
4	17385	43.89	8.79	52.68	74.00	-21.32	Peak	Horizontal
5	11590	31.59	5.05	36.64	54.00	-17.36	Average	Vertical
6	11590	44.09	5.05	49.14	74.00	-24.86	Peak	Vertical
7	17385	30.53	8.79	39.32	54.00	-14.68	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17385	42.71	8.79	51.50	74.00	-22.50	Peak	Vertical
802.11AX80_ANT 5+7_5210 MHz								
1	10420	32.56	4.86	37.42	54.00	-16.58	Average	Horizontal
2	10420	44.66	4.86	49.52	74.00	-24.48	Peak	Horizontal
3	15630	32.53	8.45	40.98	54.00	-13.02	Average	Horizontal
4	15630	44.80	8.45	53.25	74.00	-20.75	Peak	Horizontal
5	10420	32.53	4.86	37.39	54.00	-16.61	Average	Vertical
6	10420	44.64	4.86	49.50	74.00	-24.50	Peak	Vertical
7	15630	32.49	8.45	40.94	54.00	-13.06	Average	Vertical
8	15630	45.26	8.45	53.71	74.00	-20.29	Peak	Vertical
802.11AX80_ANT 5+7_5290 MHz								
1	10580	33.66	4.91	38.57	54.00	-15.43	Average	Horizontal
2	10580	46.64	4.91	51.55	74.00	-22.45	Peak	Horizontal
3	15870	30.85	7.96	38.81	54.00	-15.19	Average	Horizontal
4	15870	43.49	7.96	51.45	74.00	-22.55	Peak	Horizontal
5	10580	33.78	4.91	38.69	54.00	-15.31	Average	Vertical
6	10580	45.93	4.91	50.84	74.00	-23.16	Peak	Vertical
7	15870	30.89	7.96	38.85	54.00	-15.15	Average	Vertical
8	15870	42.59	7.96	50.55	74.00	-23.45	Peak	Vertical
802.11AX80_ANT 5+7_5530 MHz								
1	11060	33.96	4.60	38.56	54.00	-15.44	Average	Horizontal
2	11060	46.23	4.60	50.83	74.00	-23.17	Peak	Horizontal
3	16590	30.93	7.92	38.85	54.00	-15.15	Average	Horizontal
4	16590	43.48	7.92	51.40	74.00	-22.60	Peak	Horizontal
5	11060	33.96	4.60	38.56	54.00	-15.44	Average	Vertical
6	11060	46.37	4.60	50.97	74.00	-23.03	Peak	Vertical
7	16590	30.89	7.92	38.81	54.00	-15.19	Average	Vertical
8	16590	44.19	7.92	52.11	74.00	-21.89	Peak	Vertical
802.11AX80_ANT 5+7_5610 MHz								
1	11220	32.94	4.73	37.67	54.00	-16.33	Average	Horizontal
2	11220	45.07	4.73	49.80	74.00	-24.20	Peak	Horizontal
3	16830	30.70	7.99	38.69	54.00	-15.31	Average	Horizontal
4	16830	42.72	7.99	50.71	74.00	-23.29	Peak	Horizontal
5	11220	32.84	4.73	37.57	54.00	-16.43	Average	Vertical
6	11220	45.02	4.73	49.75	74.00	-24.25	Peak	Vertical
7	16830	30.70	7.99	38.69	54.00	-15.31	Average	Vertical
8	16830	43.87	7.99	51.86	74.00	-22.14	Peak	Vertical
802.11AX80_ANT 5+7_5690 MHz								
1	11380	31.41	4.83	36.24	54.00	-17.76	Average	Horizontal
2	11380	43.58	4.83	48.41	74.00	-25.59	Peak	Horizontal
3	17070	32.26	8.15	40.41	54.00	-13.59	Average	Horizontal
4	17070	45.23	8.15	53.38	74.00	-20.62	Peak	Horizontal
5	11380	31.33	4.83	36.16	54.00	-17.84	Average	Vertical
6	11380	43.62	4.83	48.45	74.00	-25.55	Peak	Vertical
7	17070	32.29	8.15	40.44	54.00	-13.56	Average	Vertical
8	17070	45.00	8.15	53.15	74.00	-20.85	Peak	Vertical
802.11AX80_ANT 5+7_5775 MHz								
1	11550	32.11	4.99	37.10	54.00	-16.90	Average	Horizontal
2	11550	43.94	4.99	48.93	74.00	-25.07	Peak	Horizontal
3	17325	30.89	8.66	39.55	54.00	-14.45	Average	Horizontal
4	17325	43.24	8.66	51.90	74.00	-22.10	Peak	Horizontal
5	11550	32.14	4.99	37.13	54.00	-16.87	Average	Vertical
6	11550	44.02	4.99	49.01	74.00	-24.99	Peak	Vertical
7	17325	30.89	8.66	39.55	54.00	-14.45	Average	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

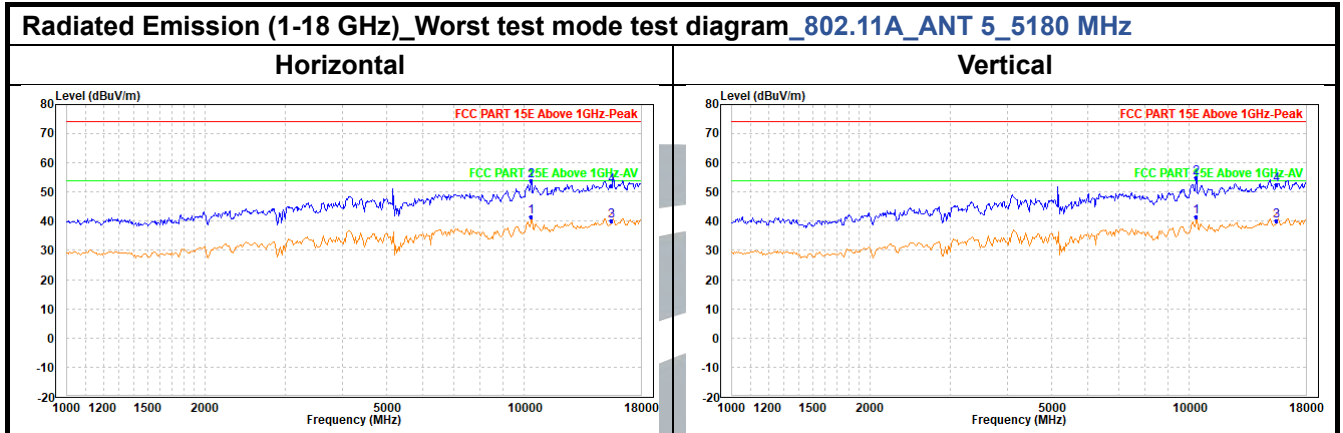
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

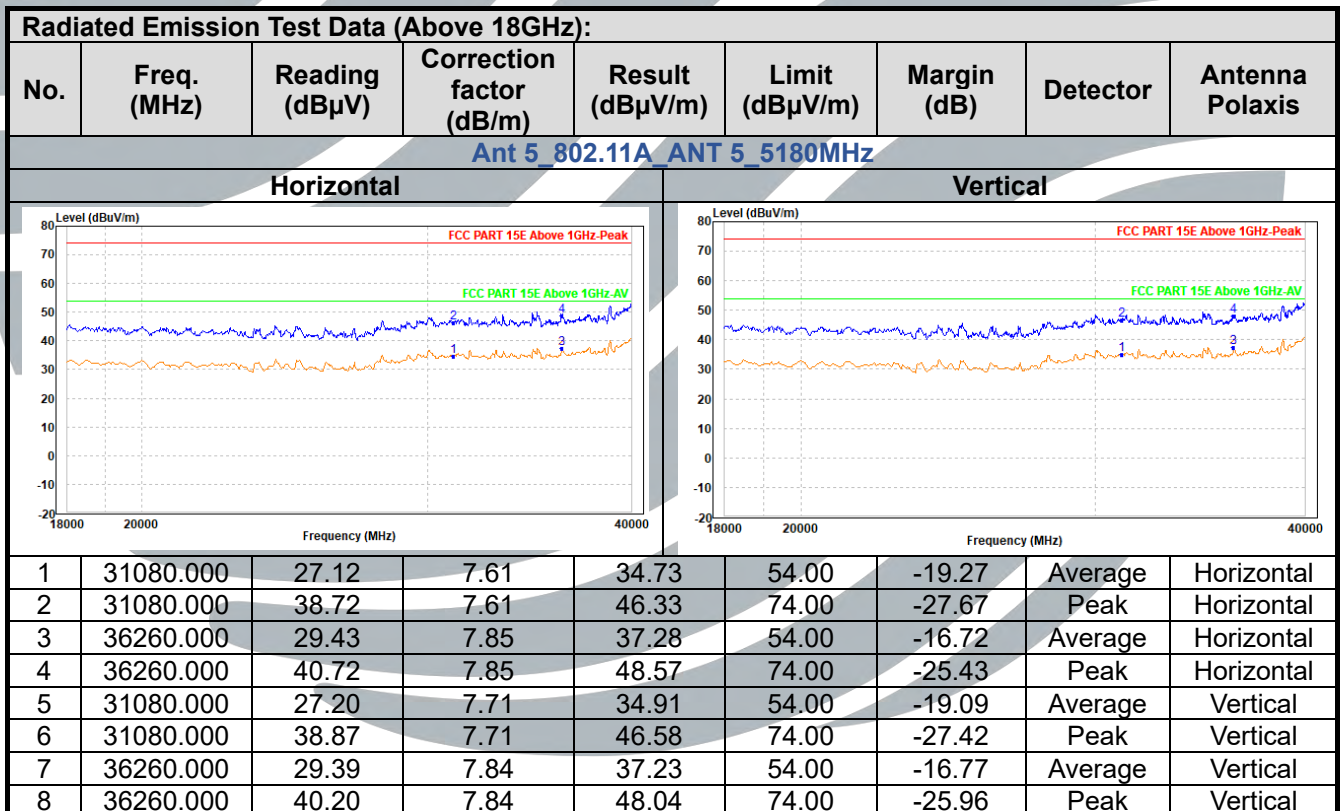
UTTR-RF-FCCPART15.407-V1.2

No.	Freq. (MHz)	Reading (dBμV)	Correction factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
8	17325	43.21	8.66	51.87	74.00	-22.13	Peak	Vertical



Remark:

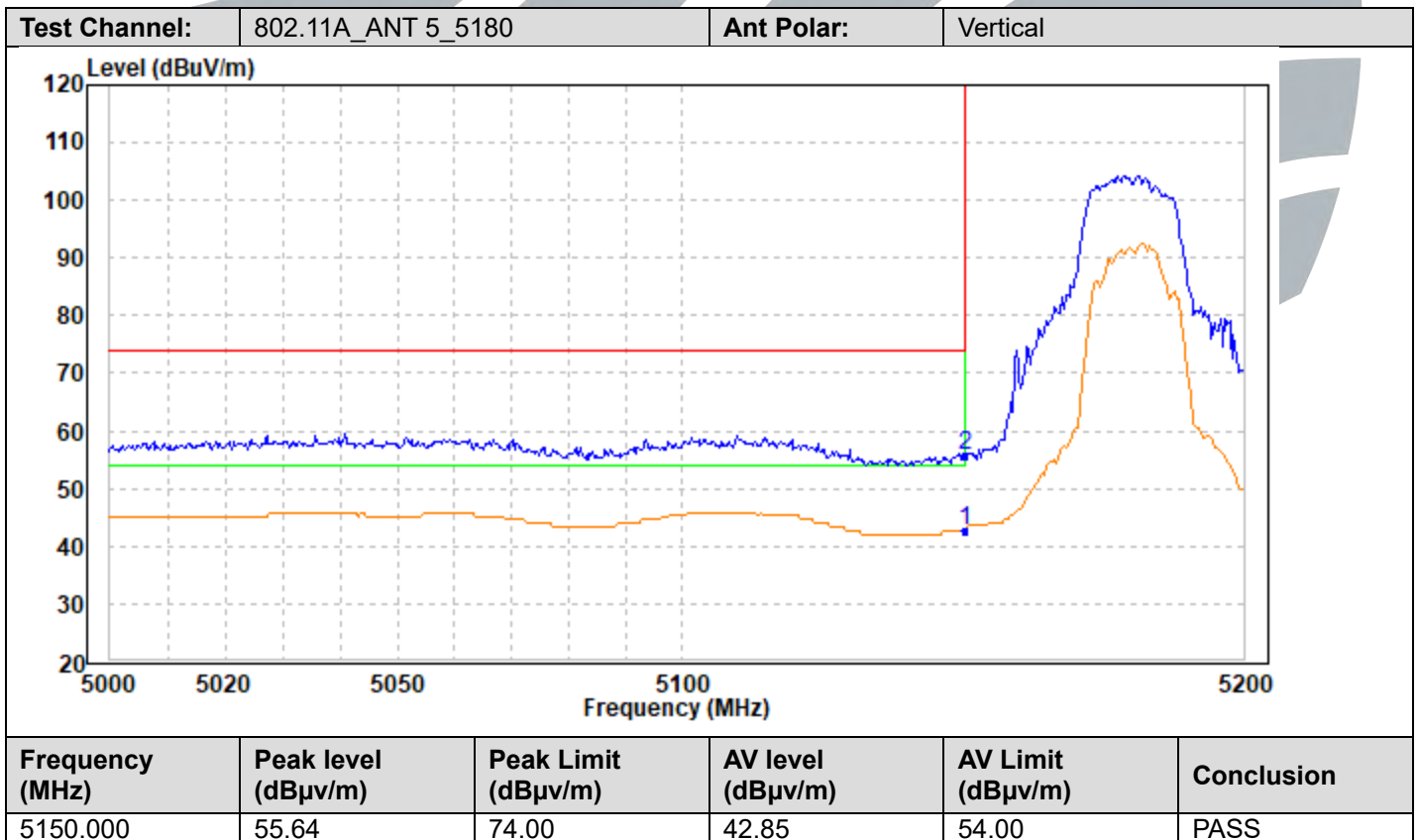
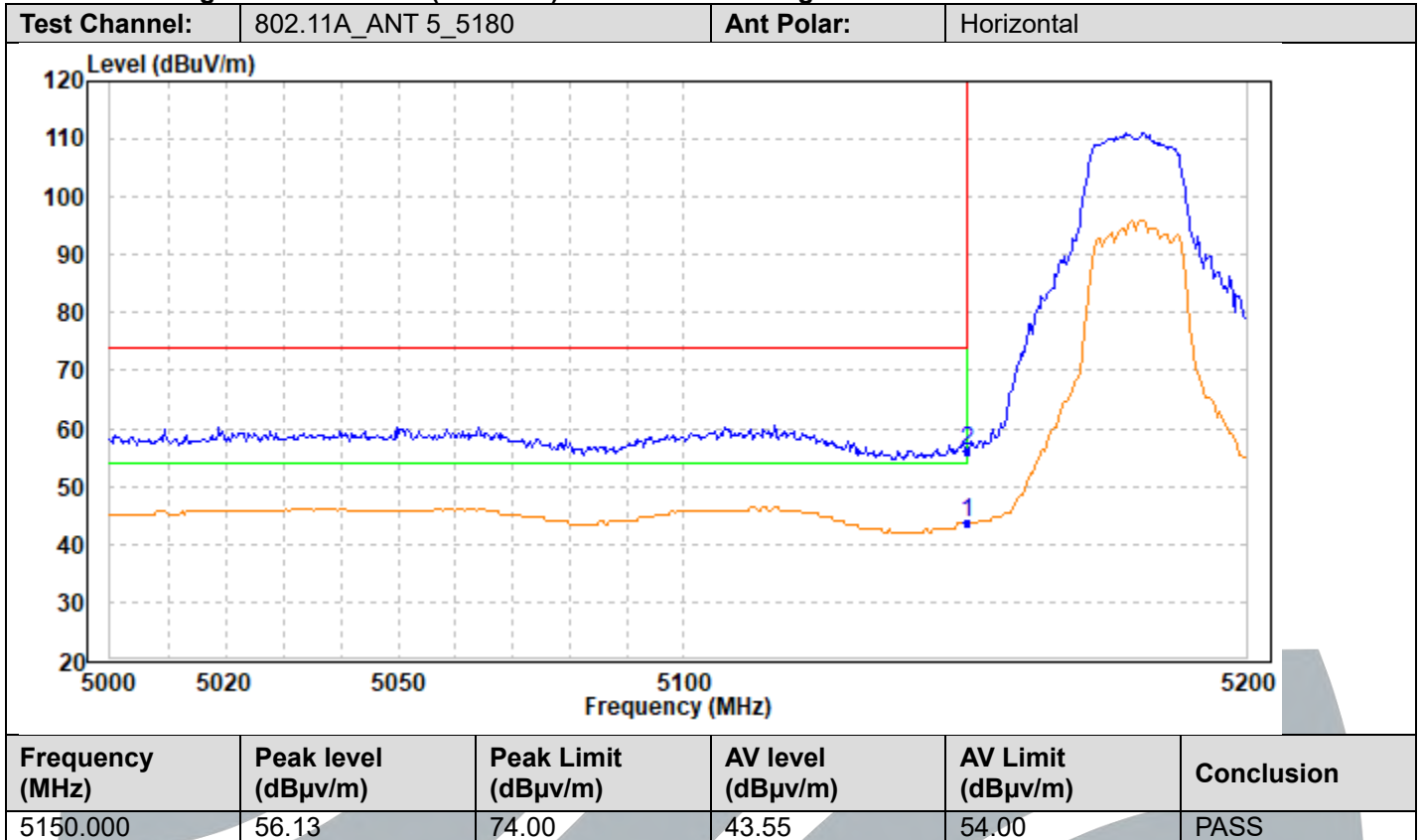
1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit



Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit

Band Edge Measurements (Radiated): Worst-Case Configuration



Shenzhen UnionTrust Quality and Technology Co., Ltd.

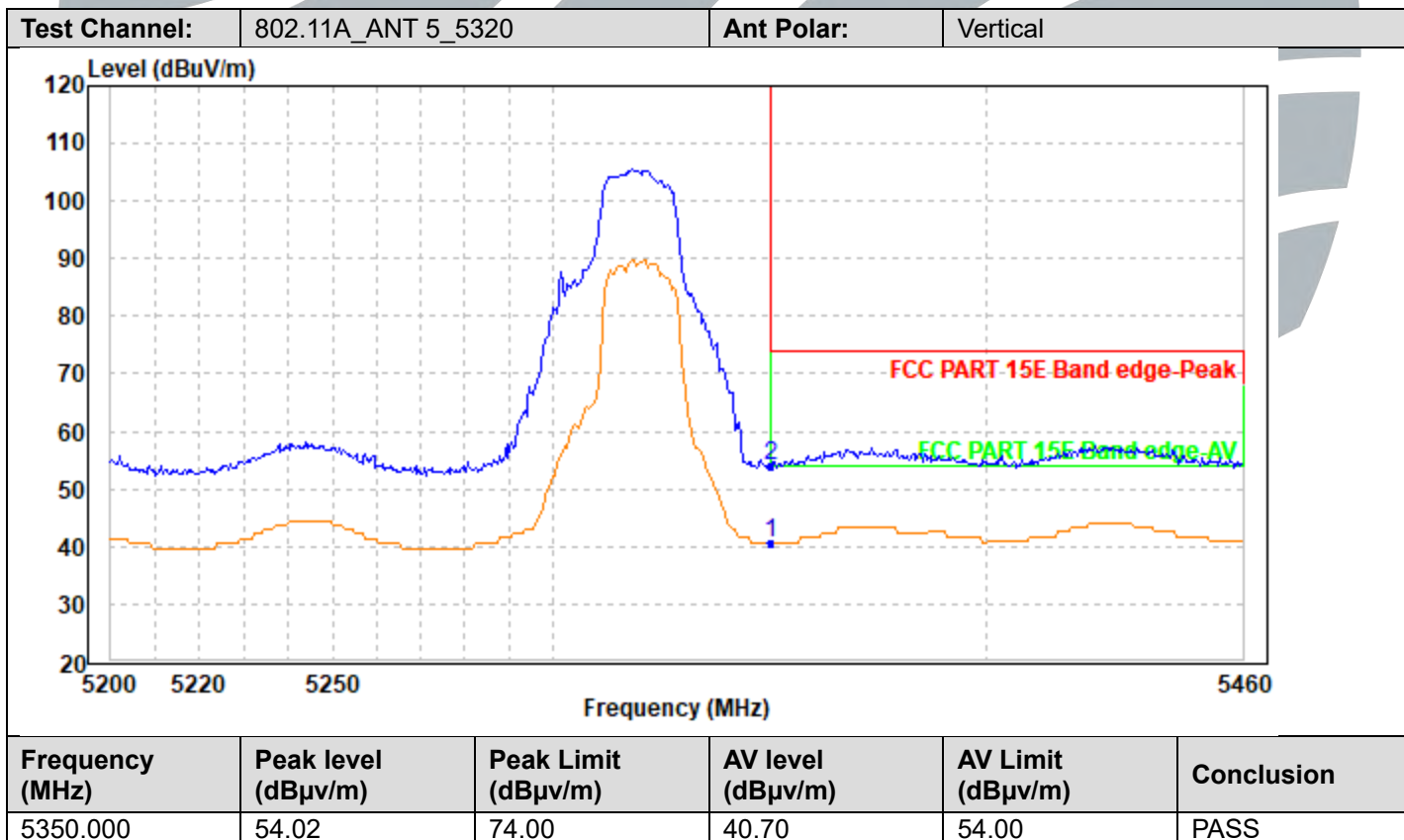
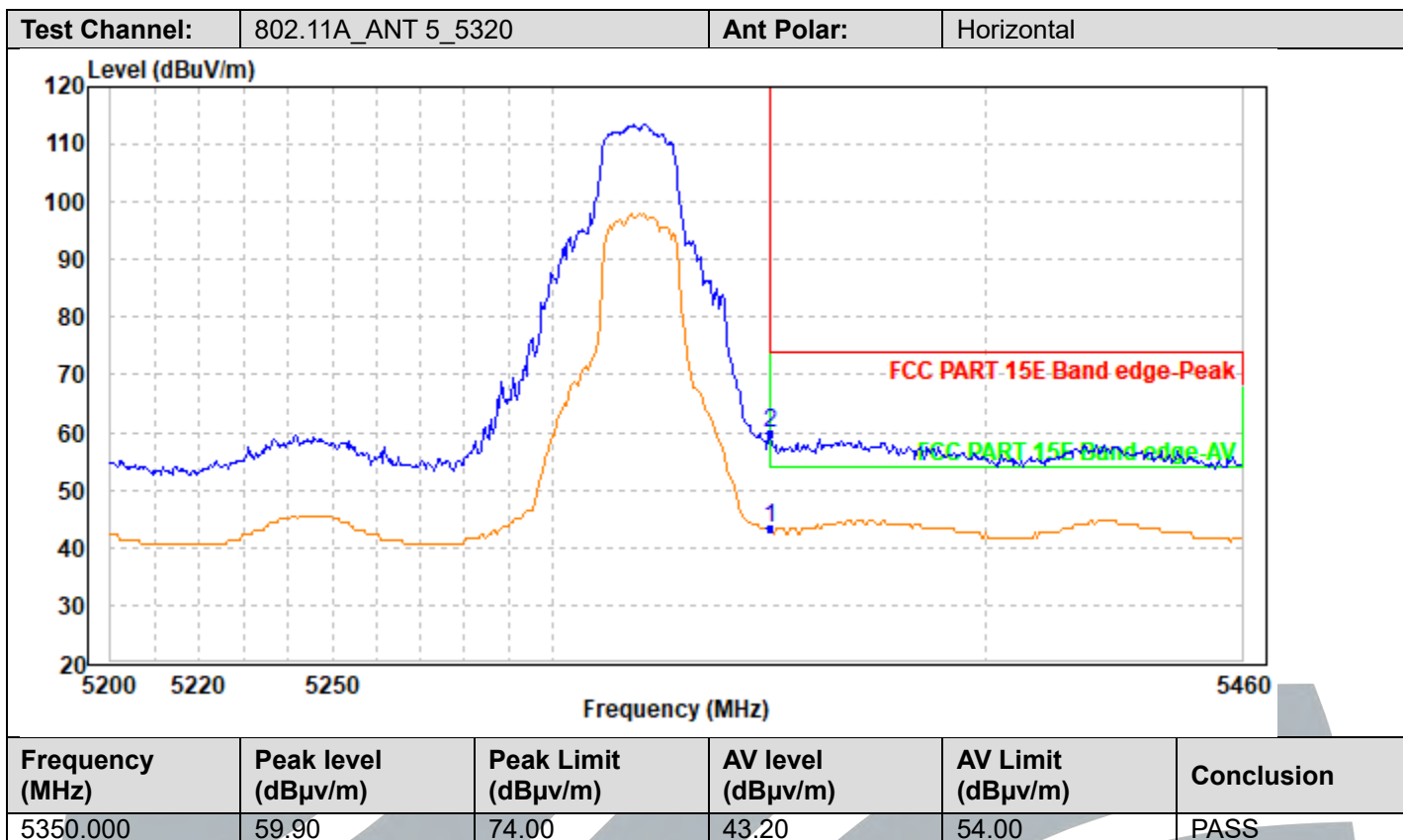
Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

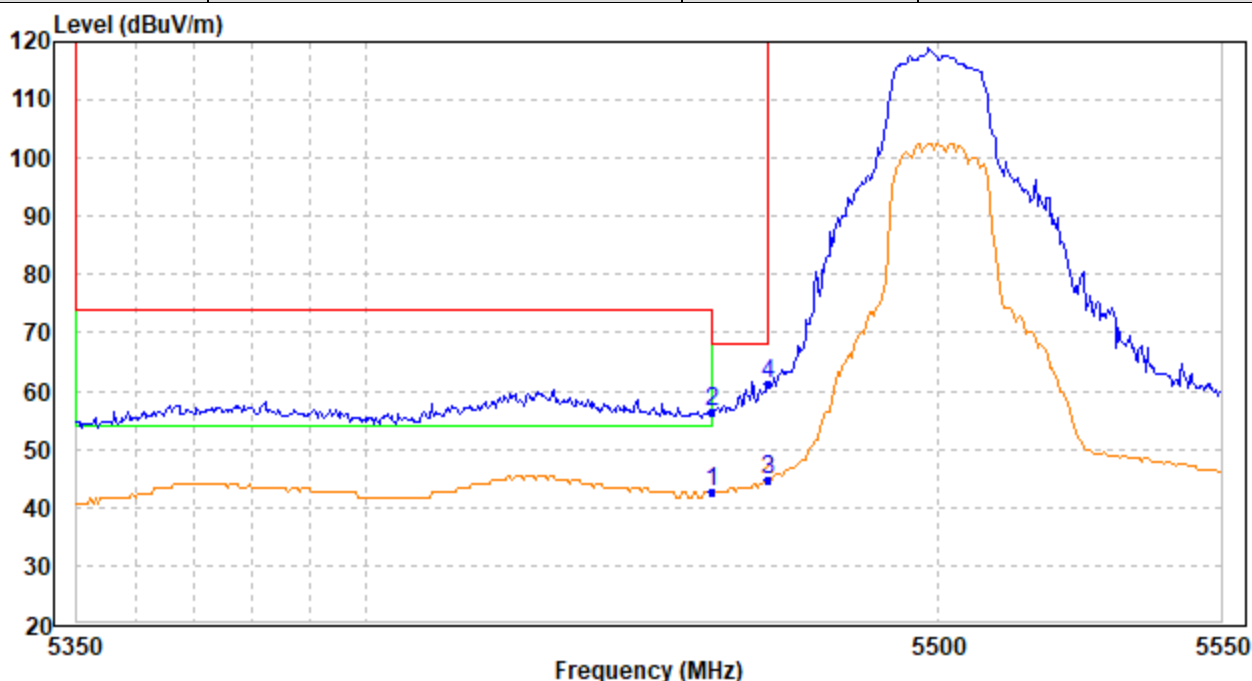
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

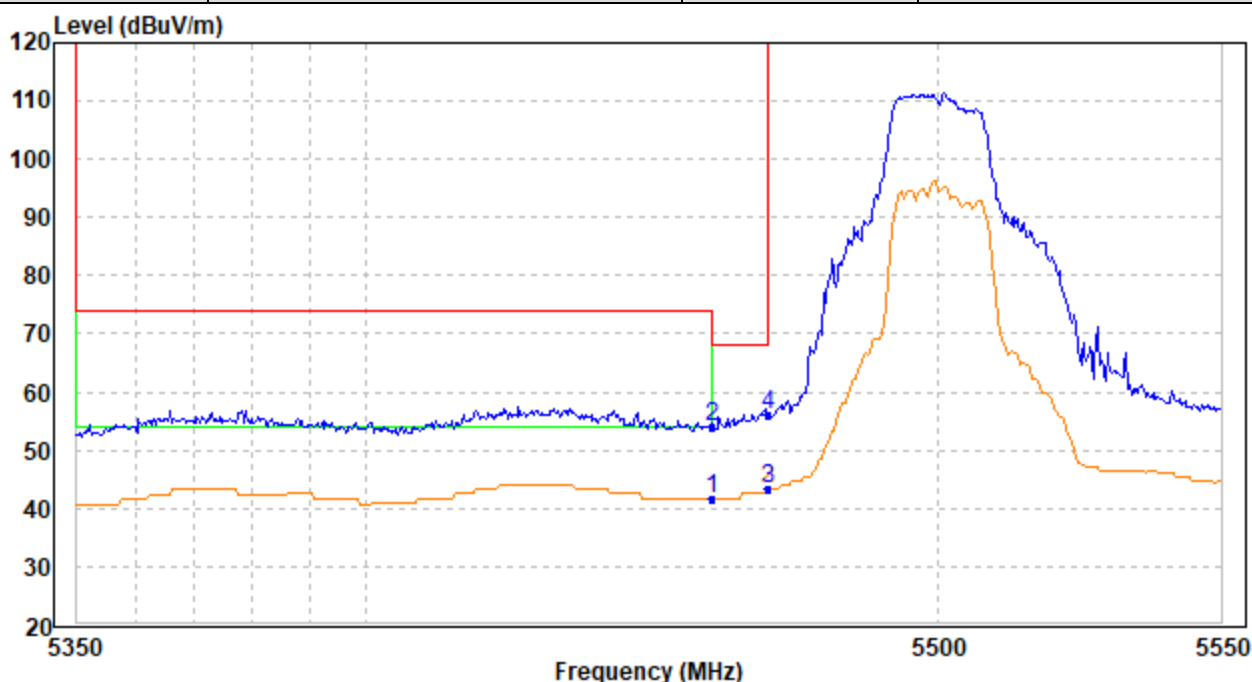
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	802.11A_ANT 5_5500	Ant Polar:	Horizontal
---------------	--------------------	------------	------------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	56.48	68.20	42.64	54.00	PASS
5470.000	61.20	68.20	44.75	68.20	PASS

Test Channel:	802.11A_ANT 5_5500	Ant Polar:	Vertical
---------------	--------------------	------------	----------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	54.02	68.20	41.81	54.00	PASS
5470.000	56.01	68.20	43.41	68.20	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

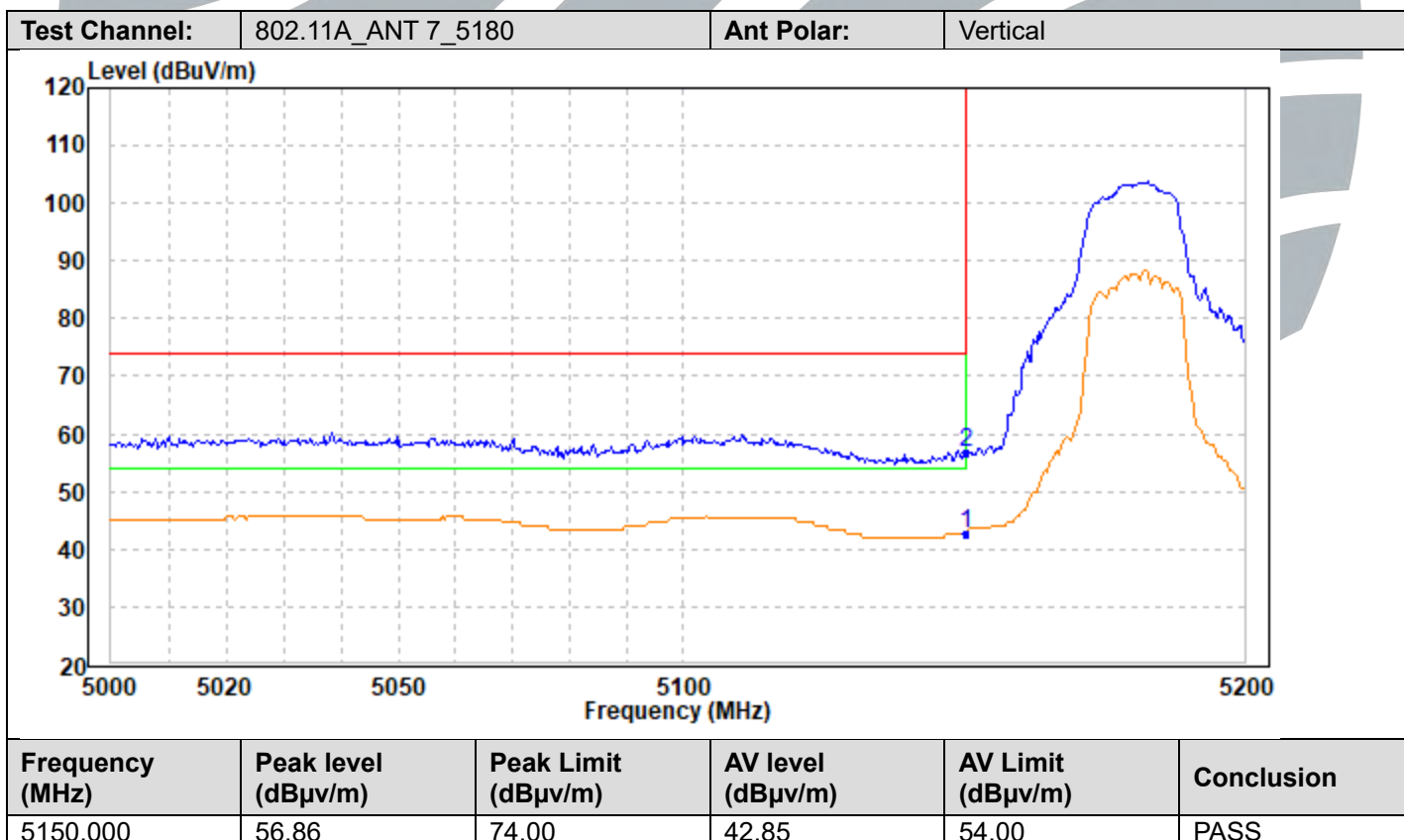
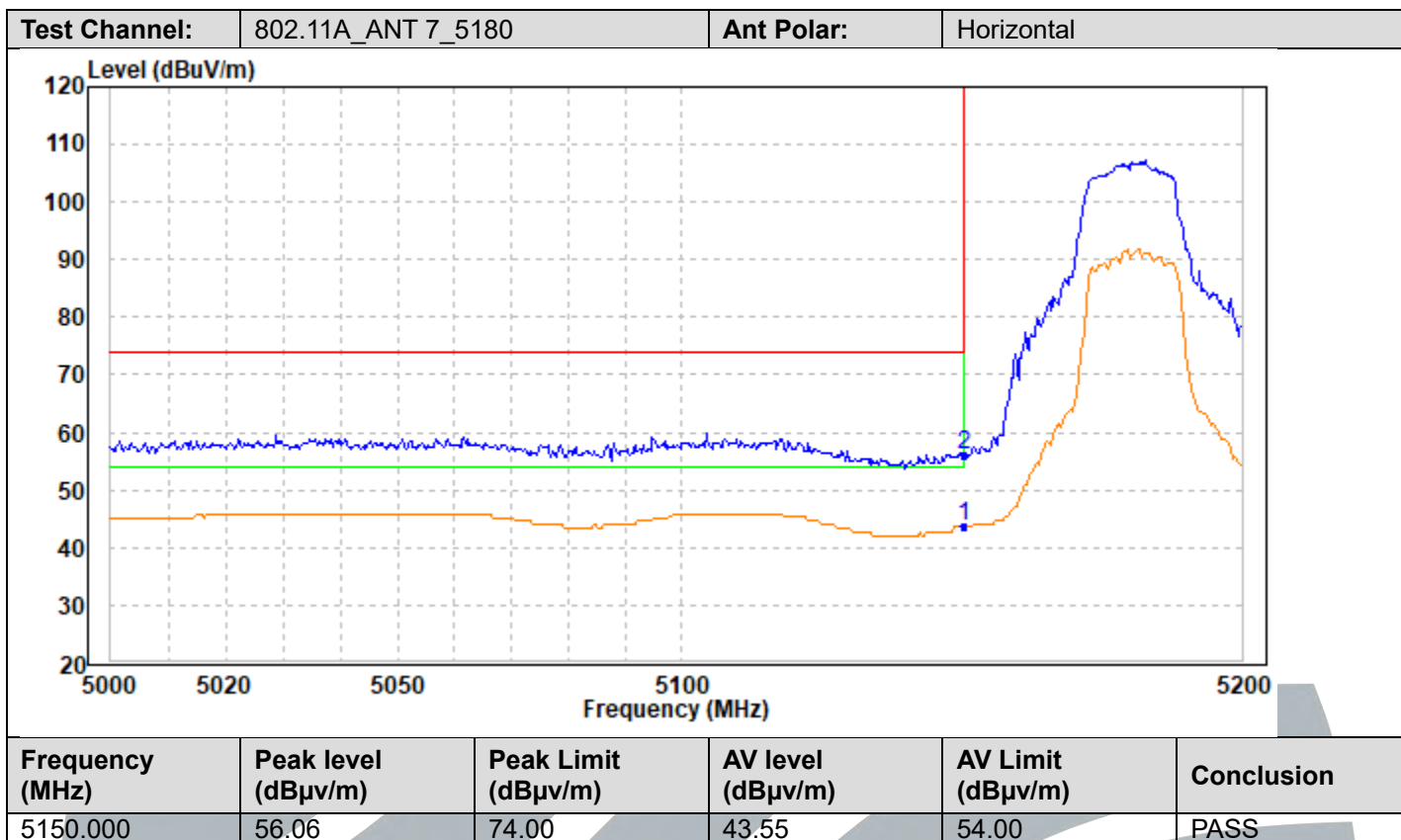
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

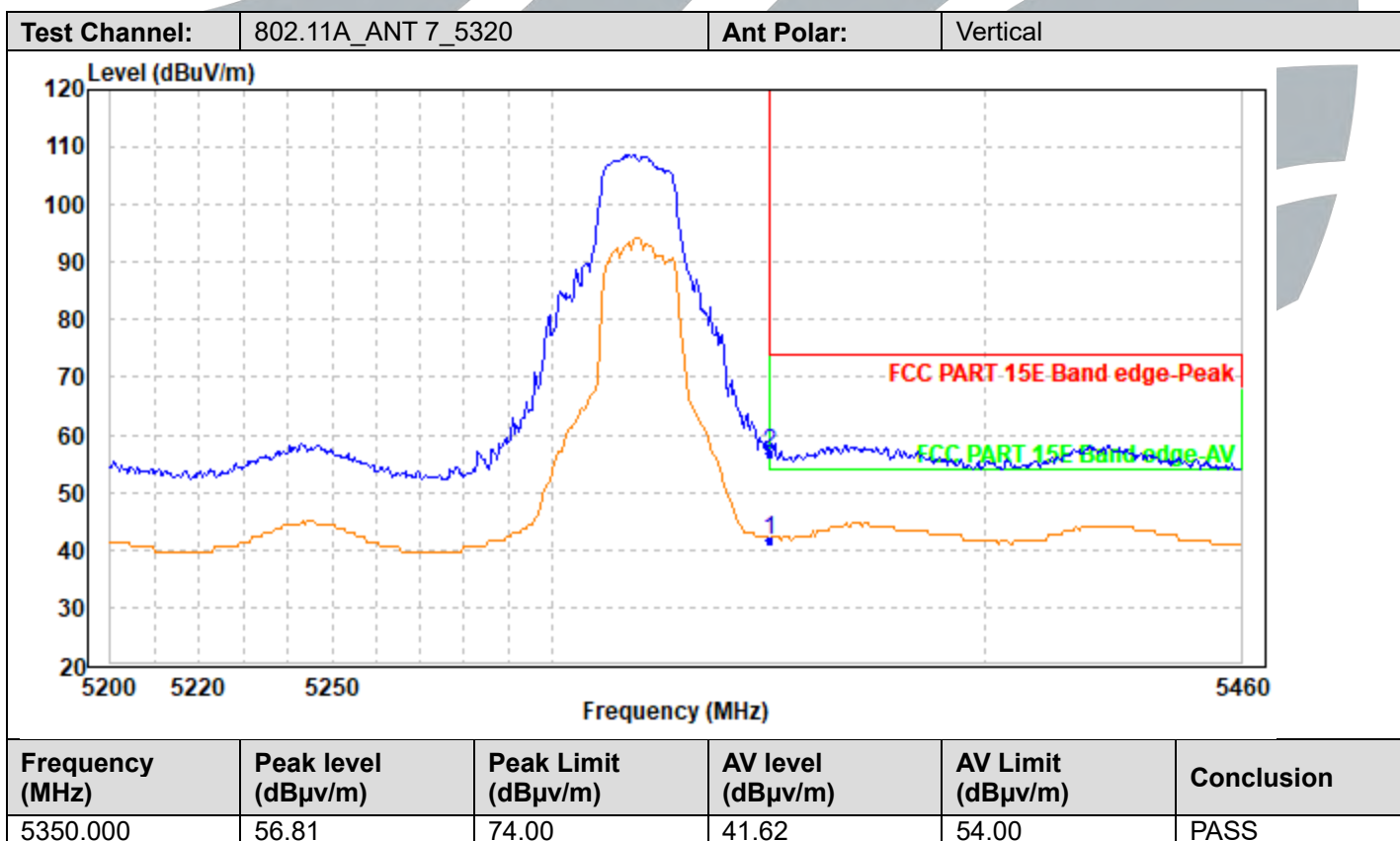
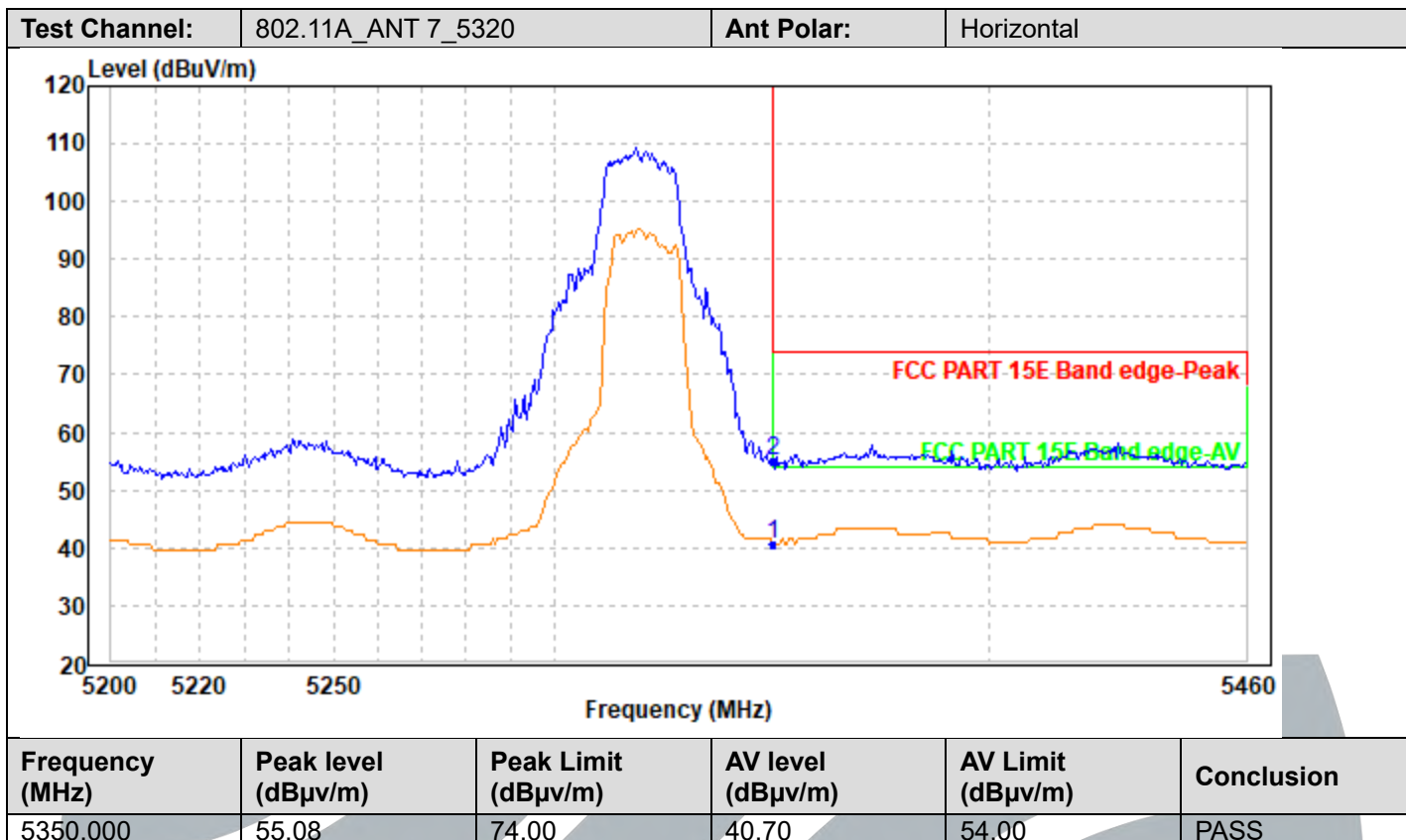
Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

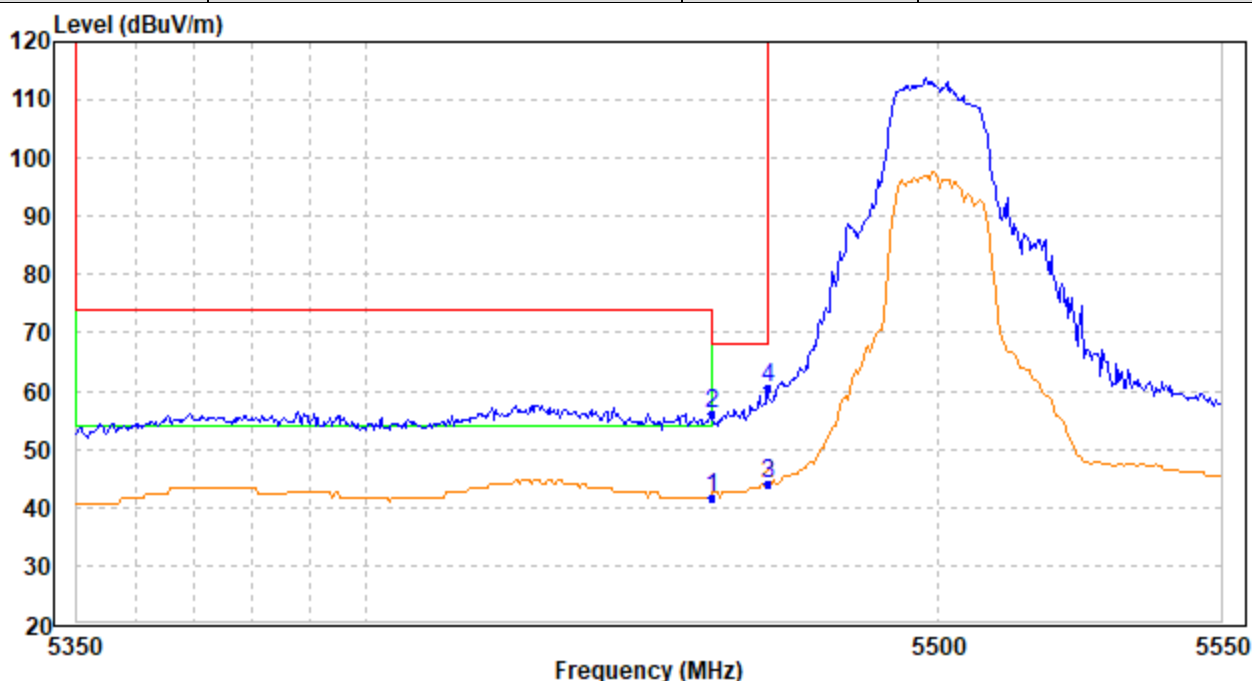
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

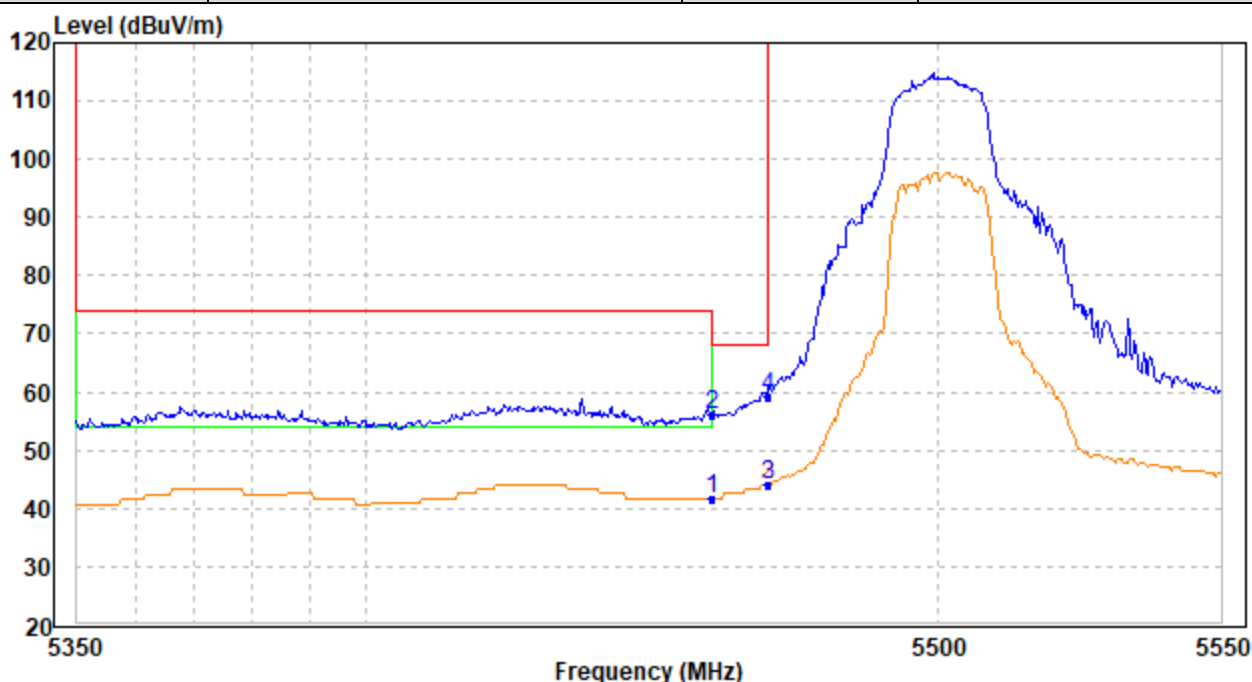
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	802.11A_ANT 7_5500	Ant Polar:	Horizontal
---------------	--------------------	------------	------------



Frequency (MHz)	Peak level (dBμV/m)	Peak Limit (dBμV/m)	AV level (dBμV/m)	AV Limit (dBμV/m)	Conclusion
5460.000	56.11	68.20	41.81	54.00	PASS
5470.000	60.54	68.20	44.11	68.20	PASS

Test Channel:	802.11A_ANT 7_5500	Ant Polar:	Vertical
---------------	--------------------	------------	----------



Frequency (MHz)	Peak level (dBμV/m)	Peak Limit (dBμV/m)	AV level (dBμV/m)	AV Limit (dBμV/m)	Conclusion
5460.000	56.14	68.20	41.81	54.00	PASS
5470.000	59.23	68.20	44.11	68.20	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

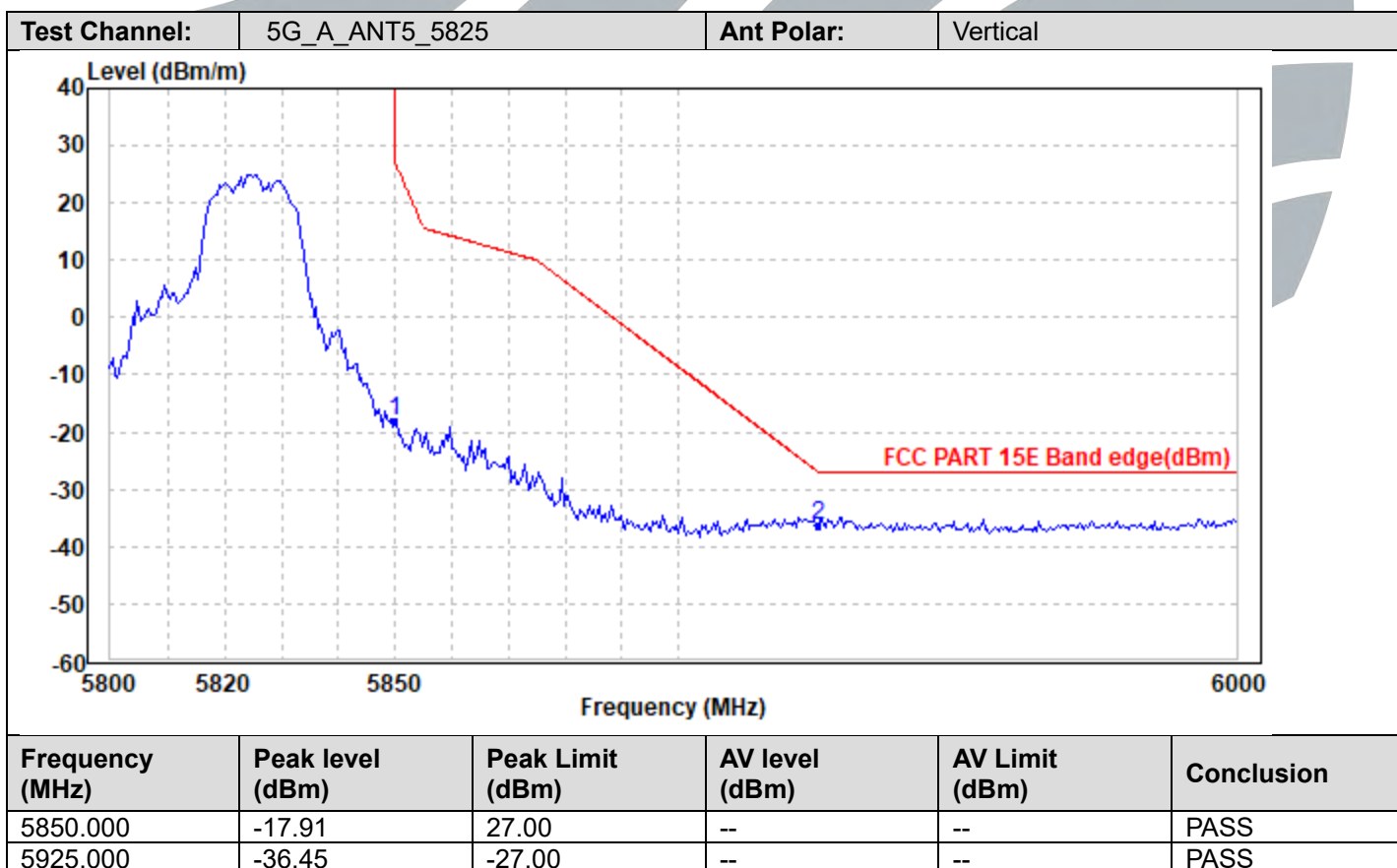
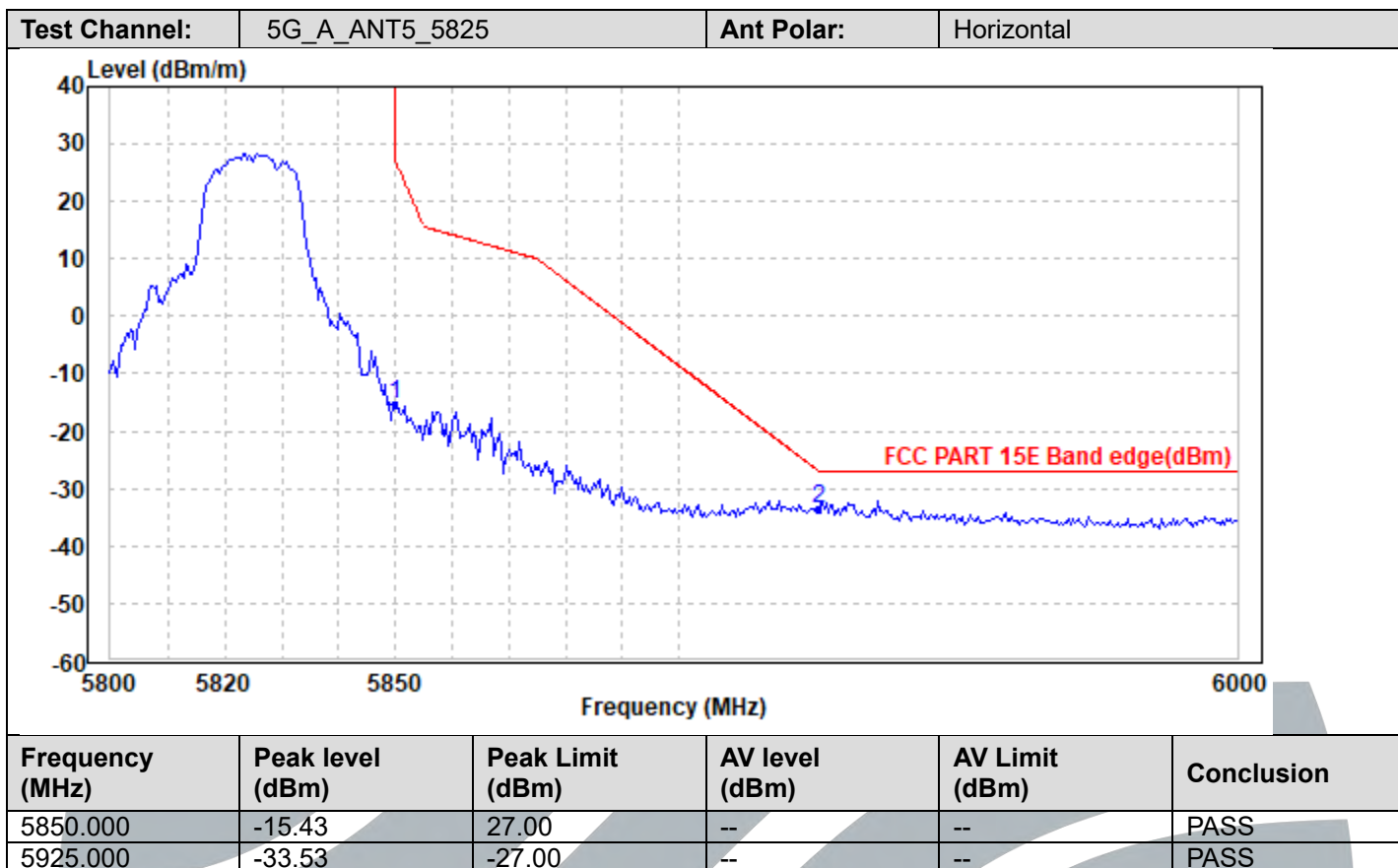
Tel: +86-755-28230888

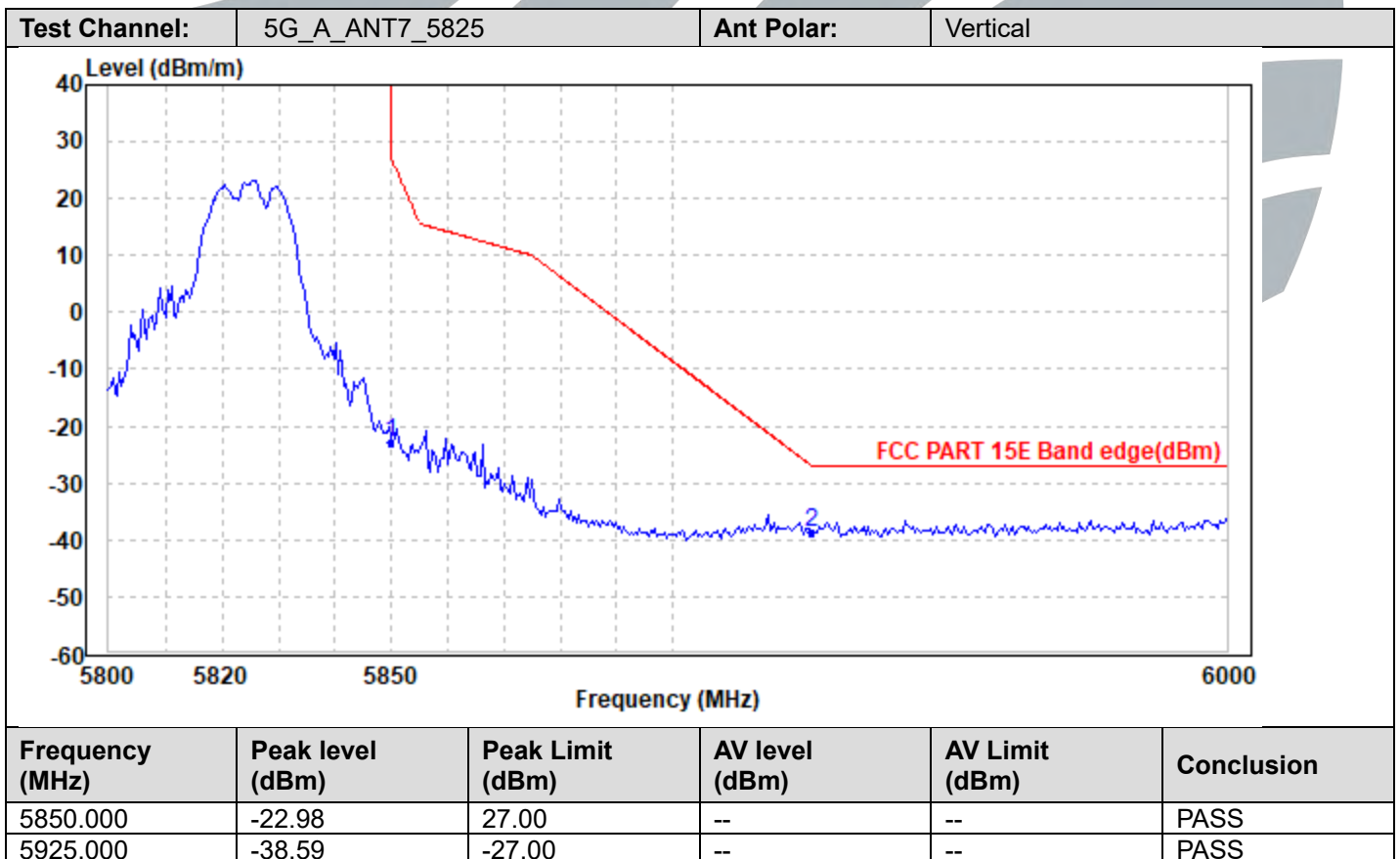
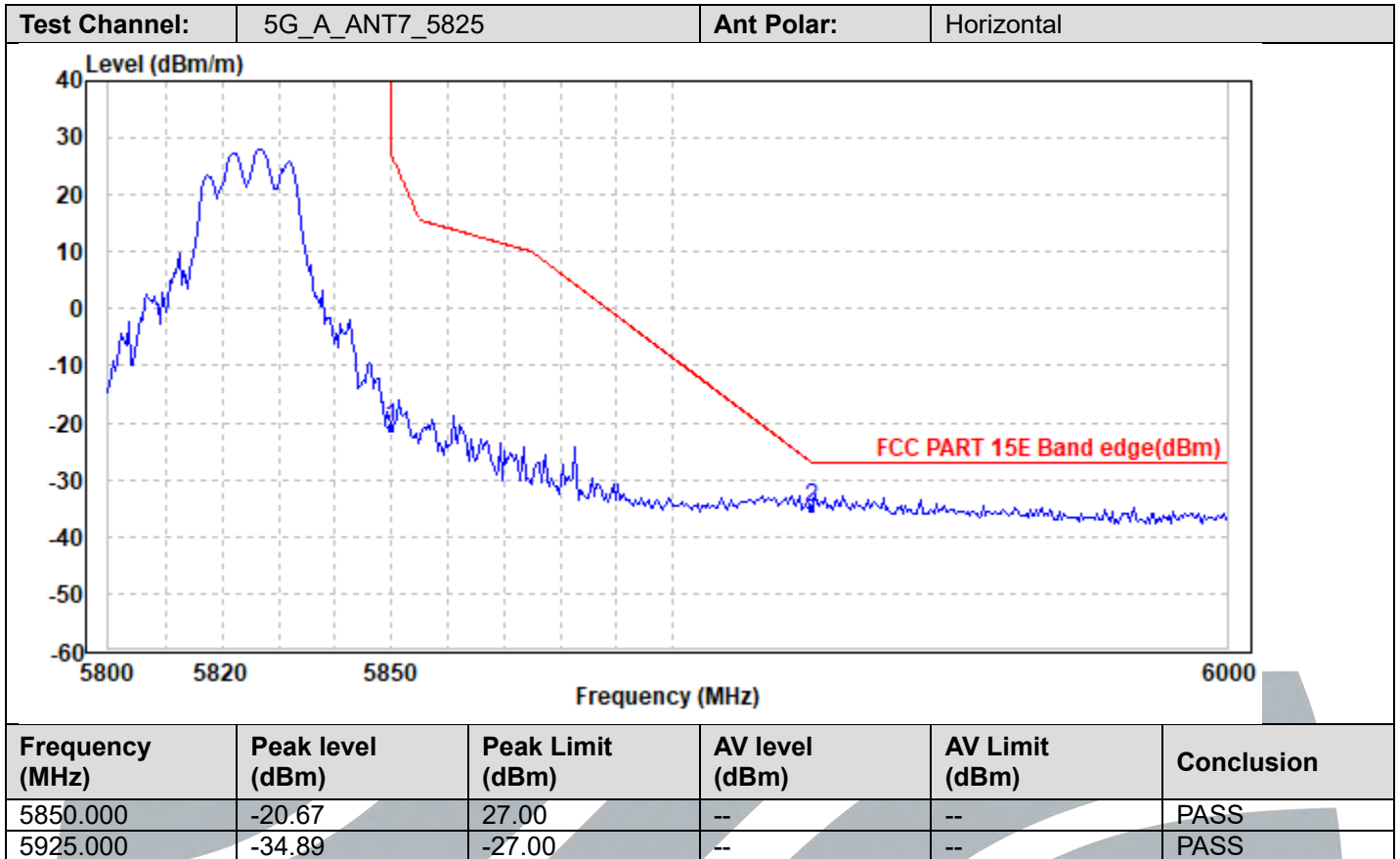
Fax: +86-755-28230886

E-mail: info@uttlab.com

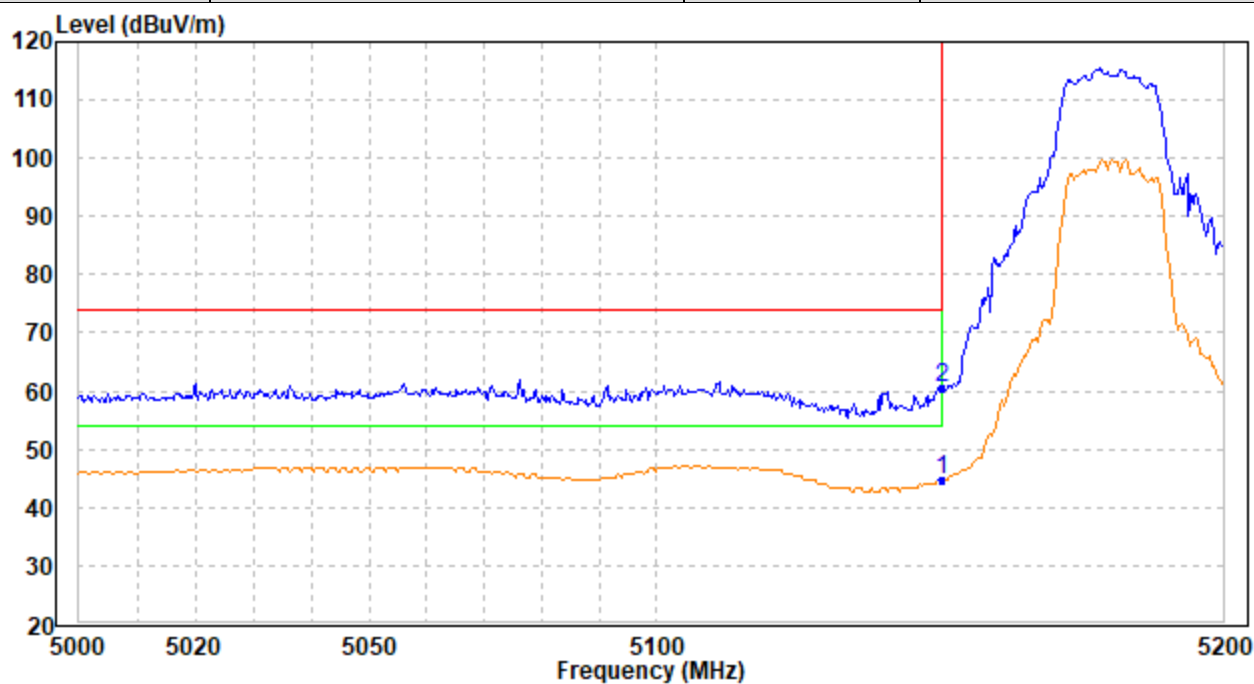
<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



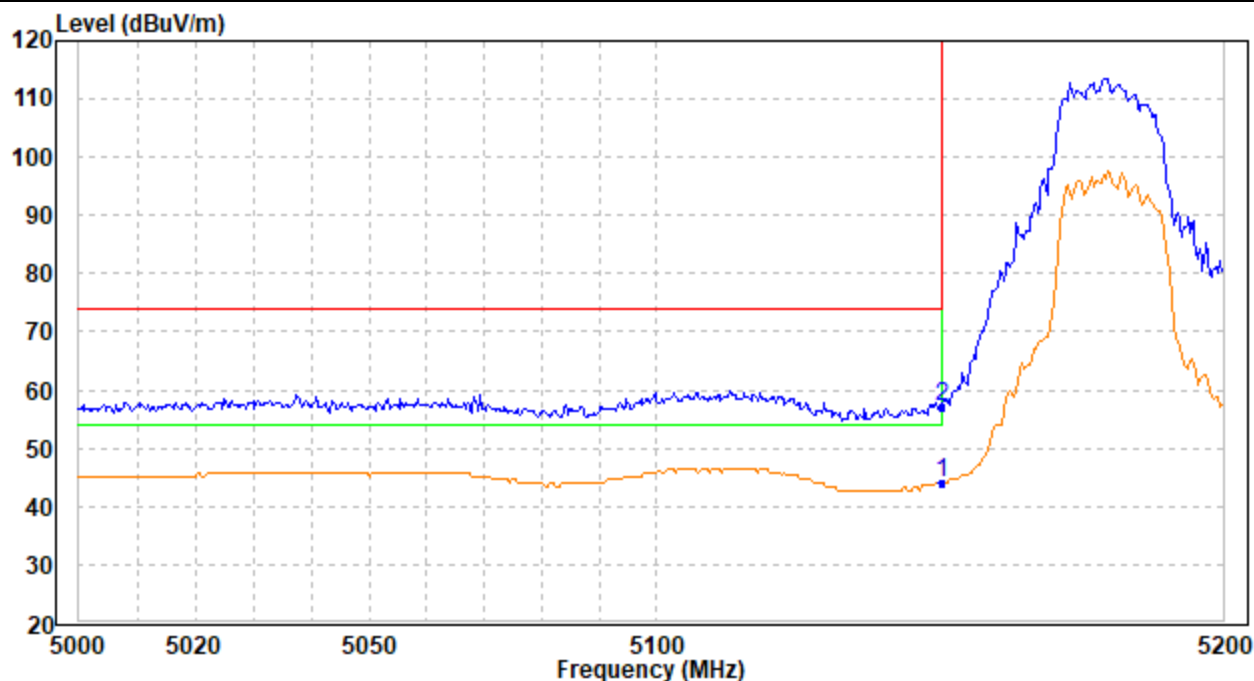


Test Channel:	802.11N20_ANT 5+7_5180	Ant Polar:	Horizontal
---------------	------------------------	------------	------------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	60.66	74.00	44.79	54.00	PASS

Test Channel:	802.11N20_ANT 5+7_5180	Ant Polar:	Vertical
---------------	------------------------	------------	----------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	57.08	74.00	44.19	54.00	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

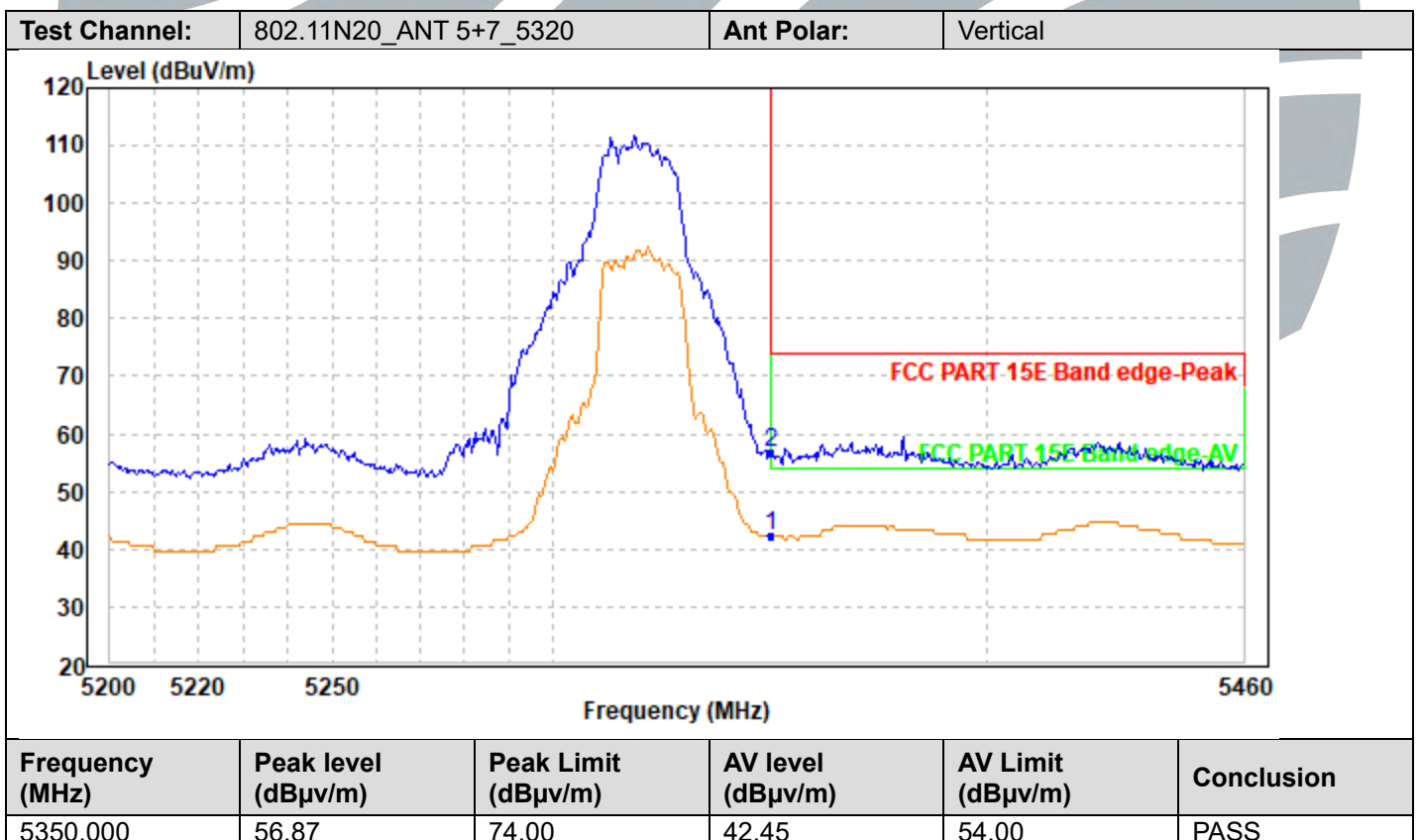
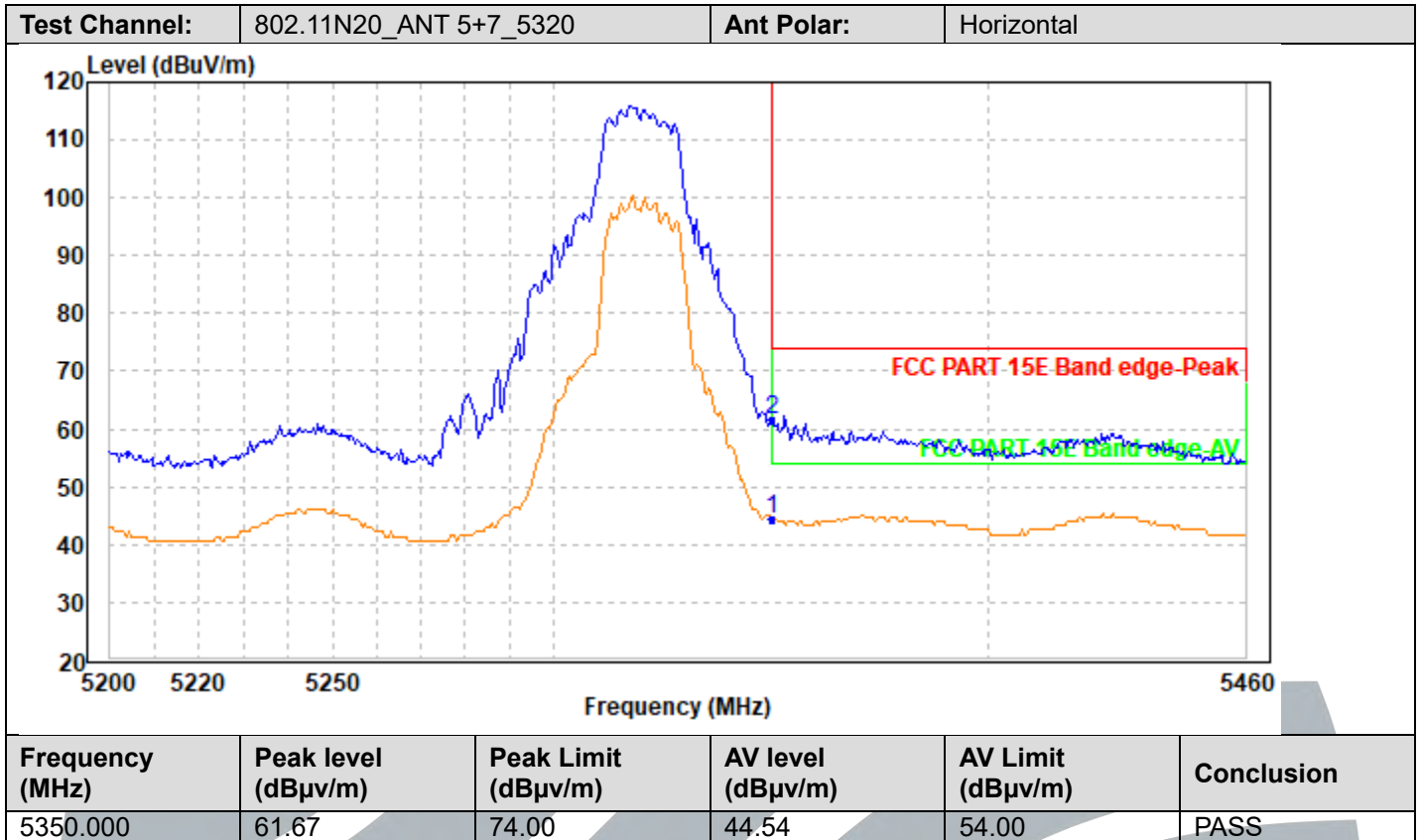
Tel: +86-755-28230888

Fax: +86-755-28230886

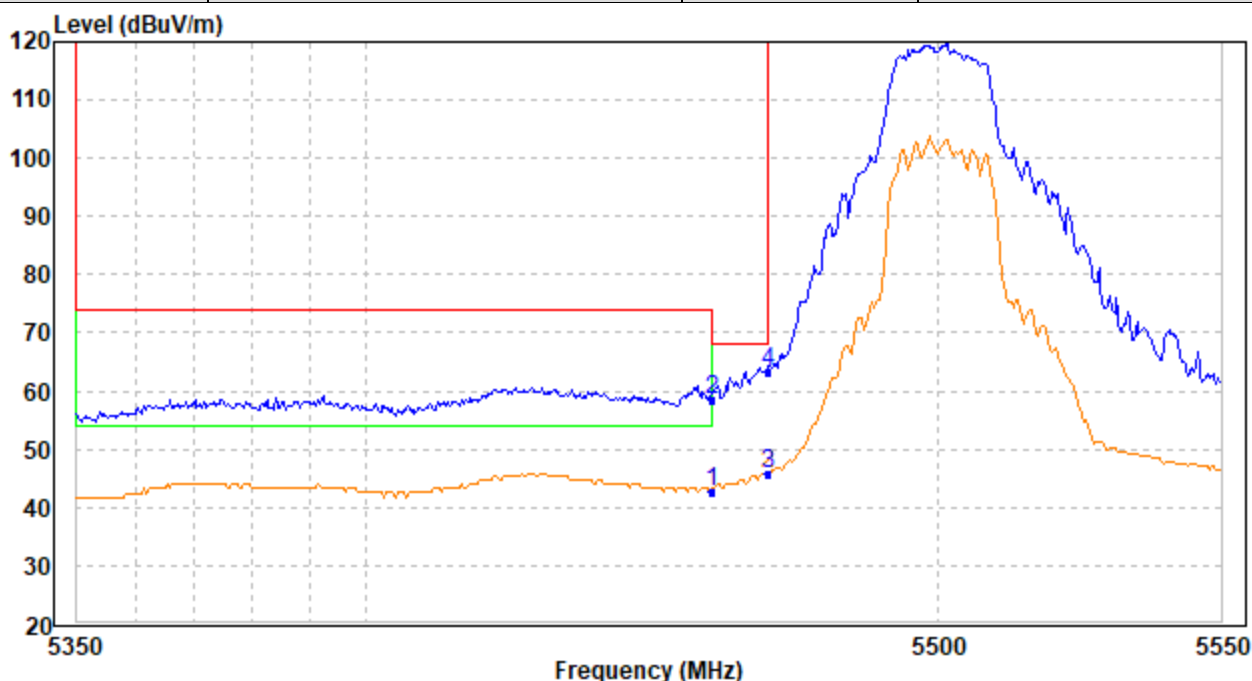
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2

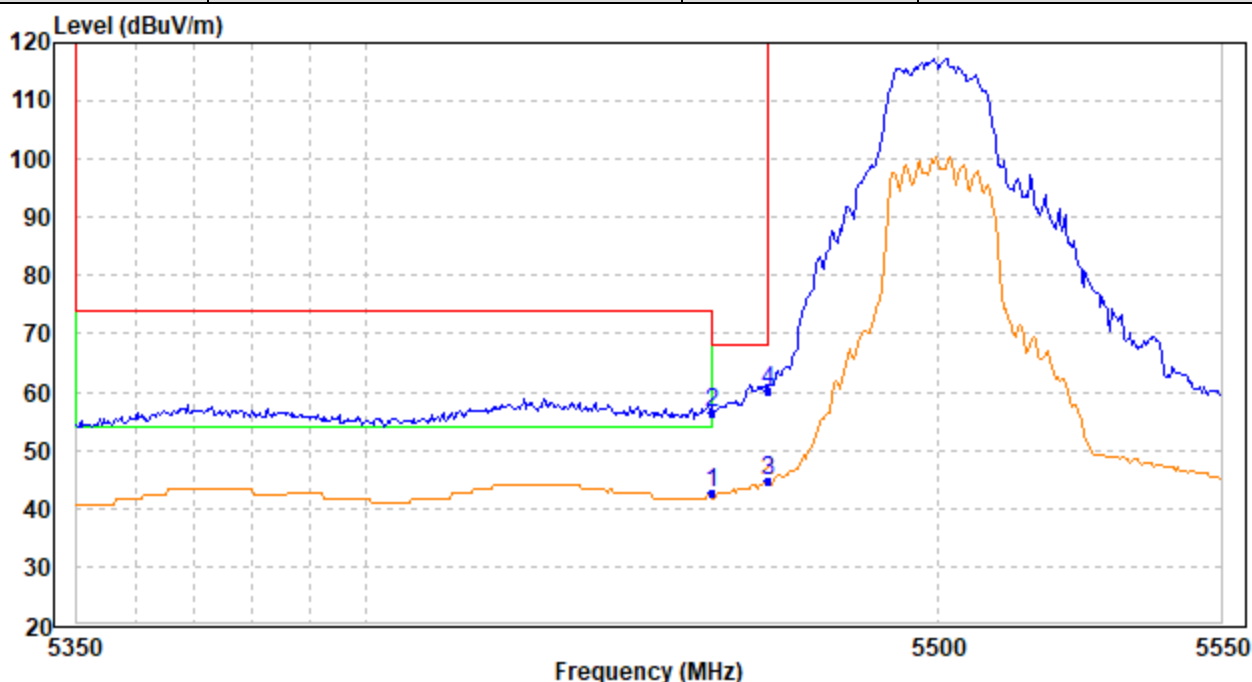


Test Channel:	802.11N20_ANT 5+7_5500	Ant Polar:	Horizontal
---------------	------------------------	------------	------------



Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	58.54	68.20	42.64	54.00	PASS
5470.000	63.31	68.20	45.91	68.20	PASS

Test Channel:	802.11N20_ANT 5+7_5500	Ant Polar:	Vertical
---------------	------------------------	------------	----------



Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	56.52	68.20	42.64	54.00	PASS
5470.000	60.34	68.20	44.75	68.20	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

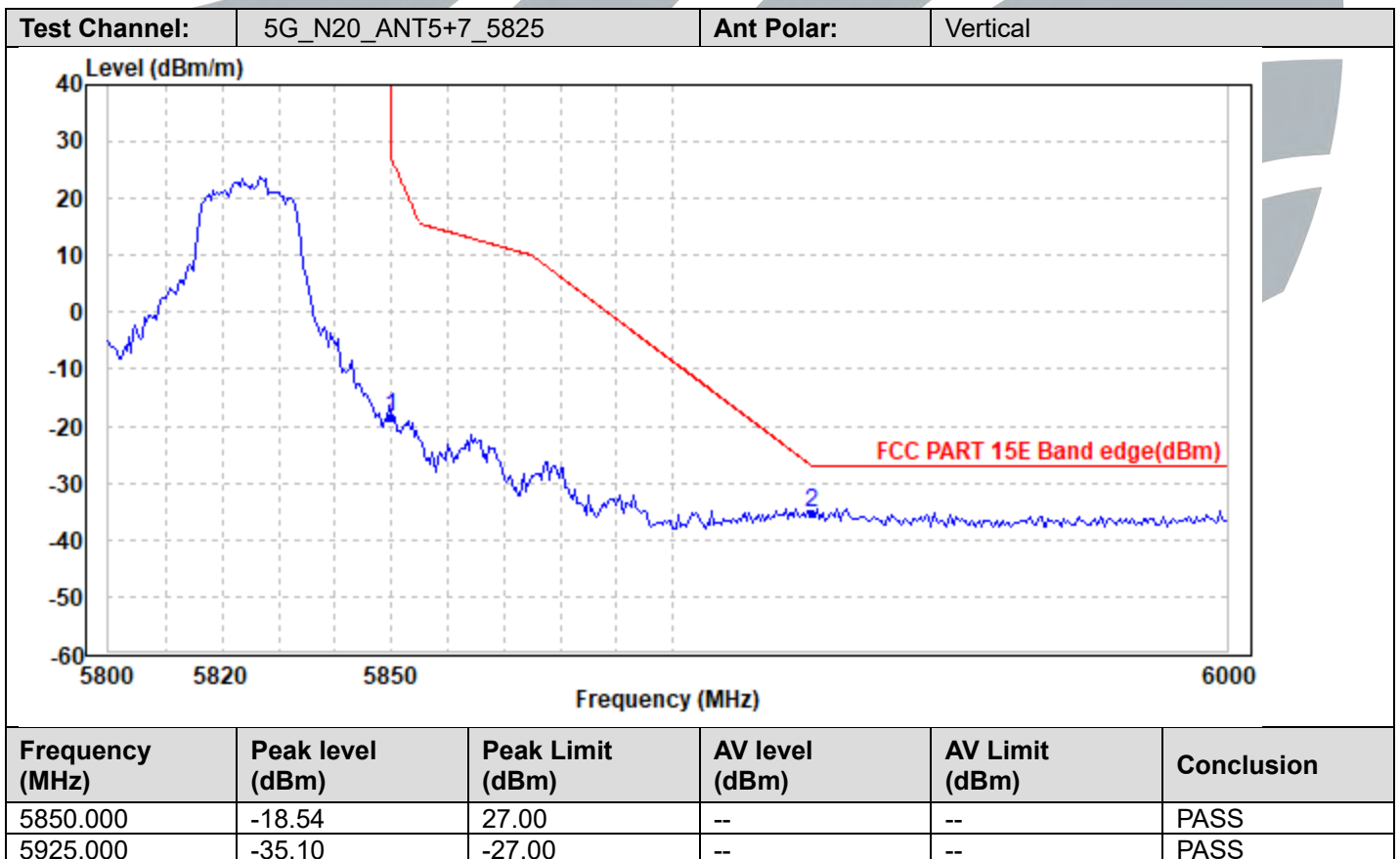
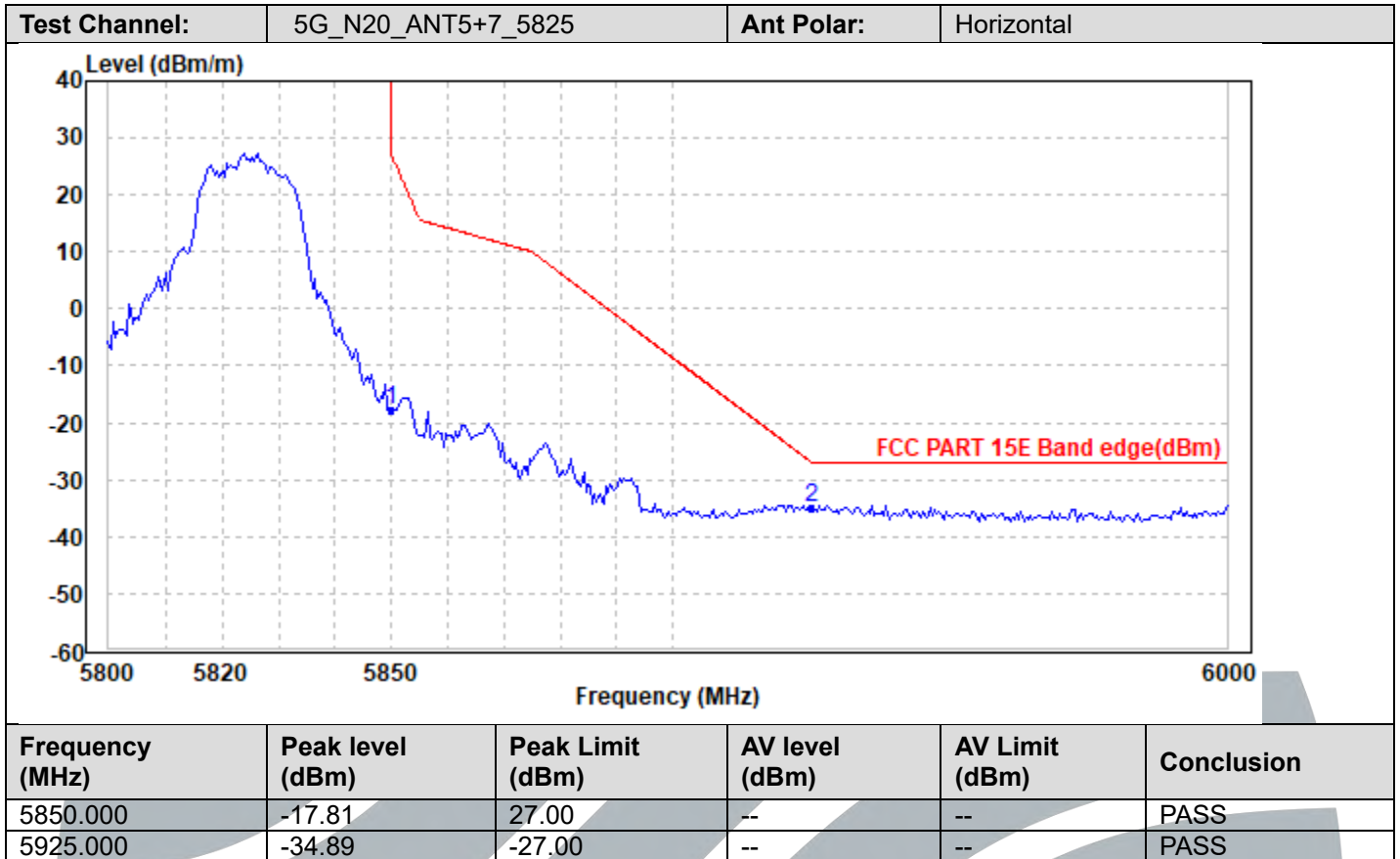
Tel: +86-755-28230888

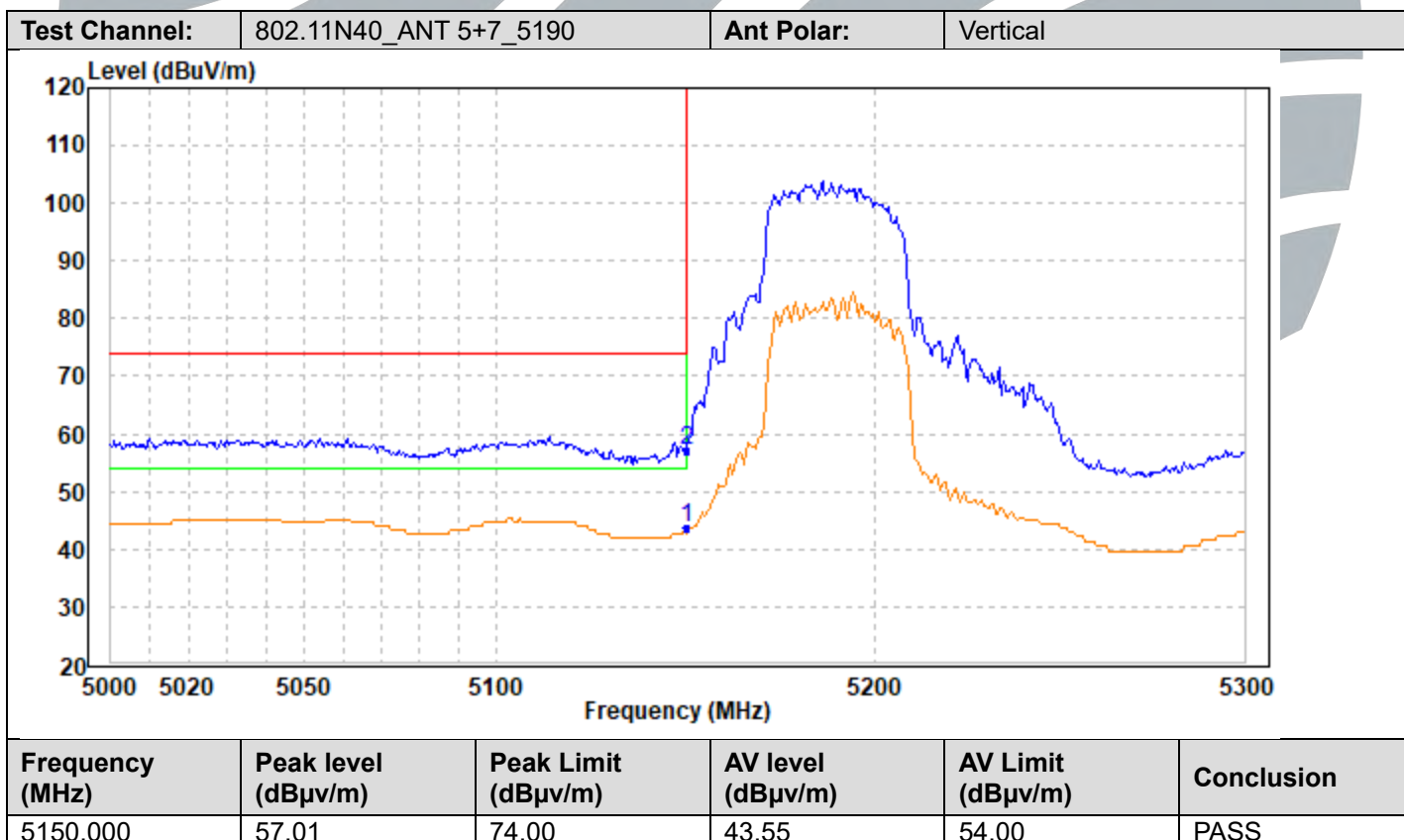
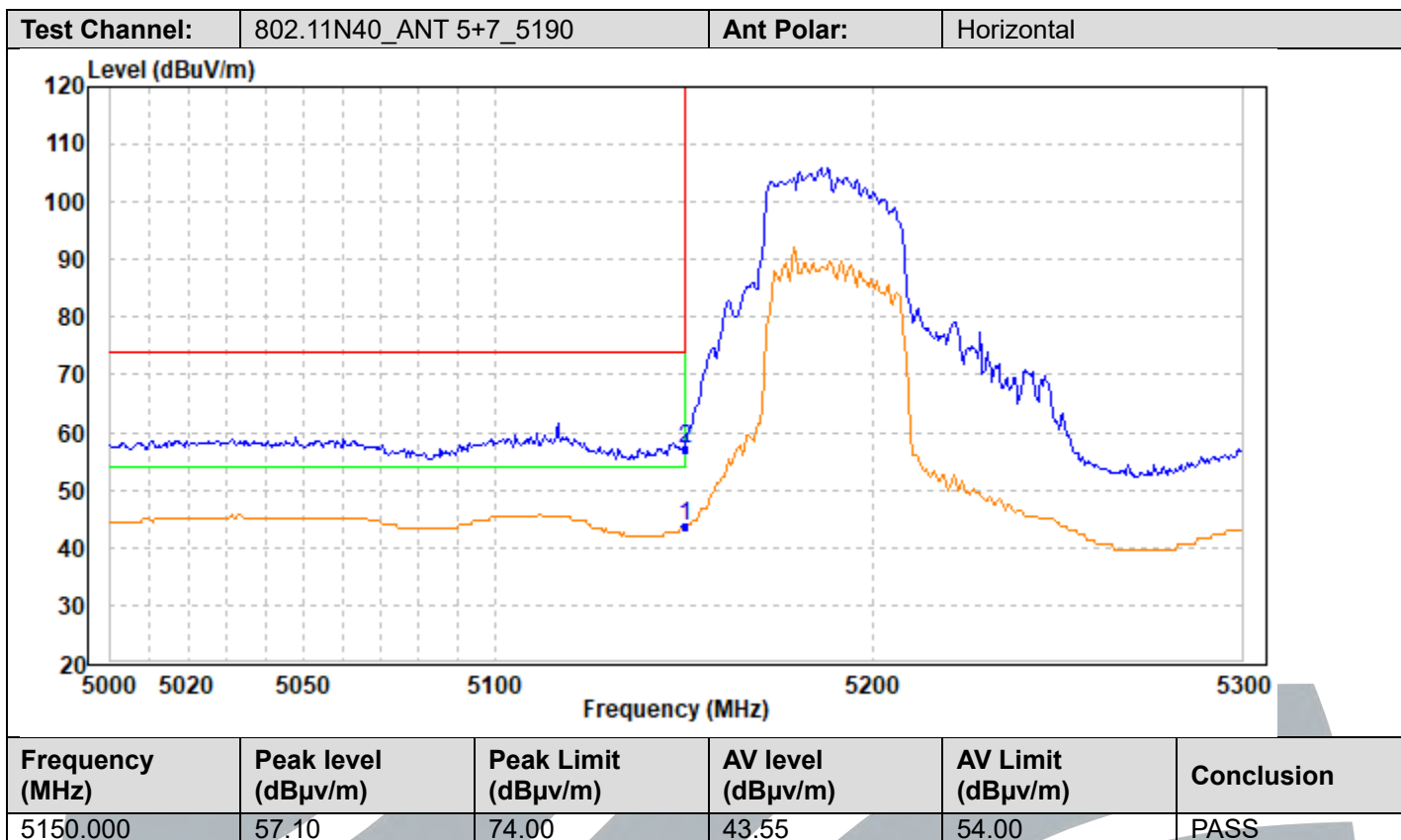
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2





Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

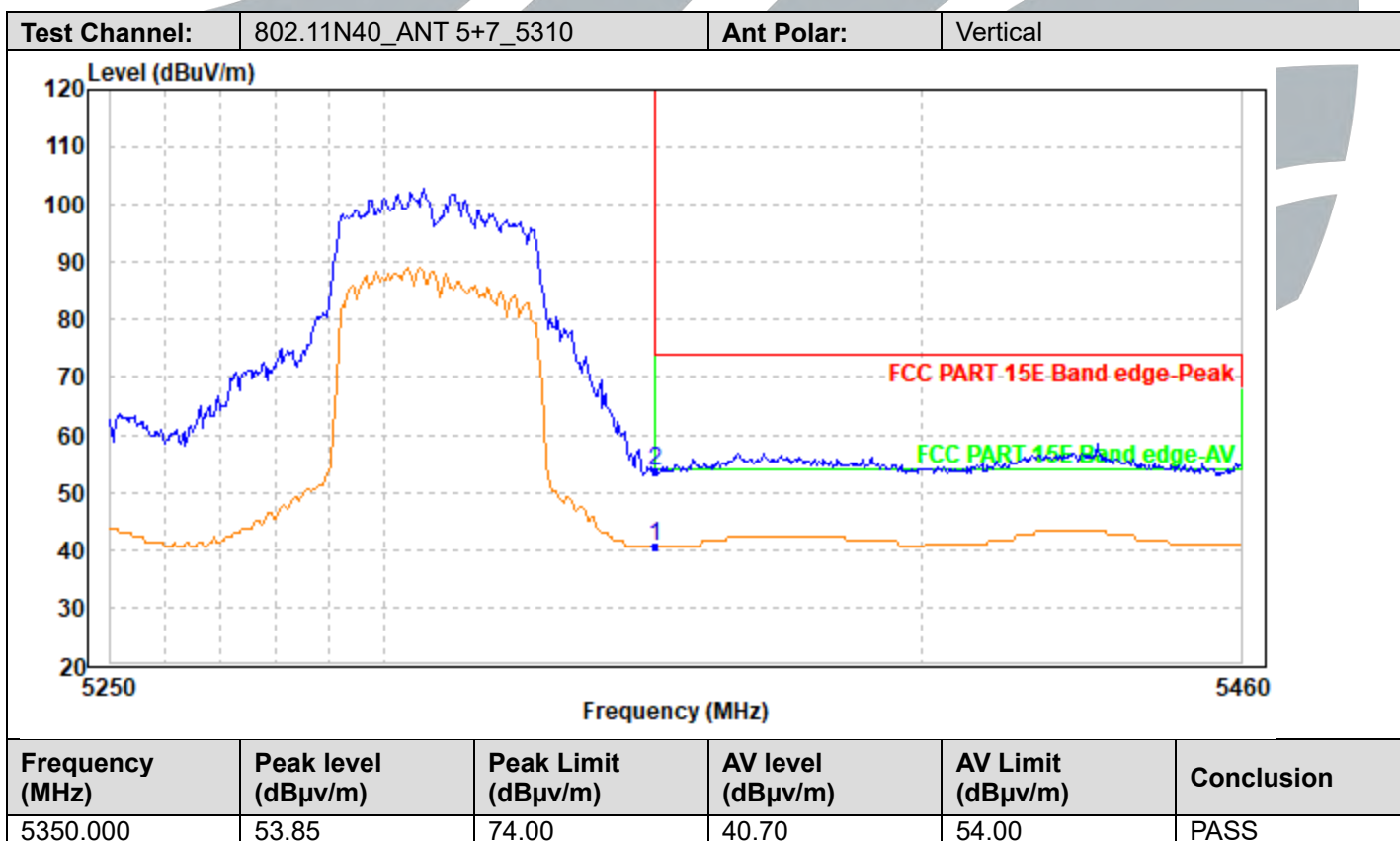
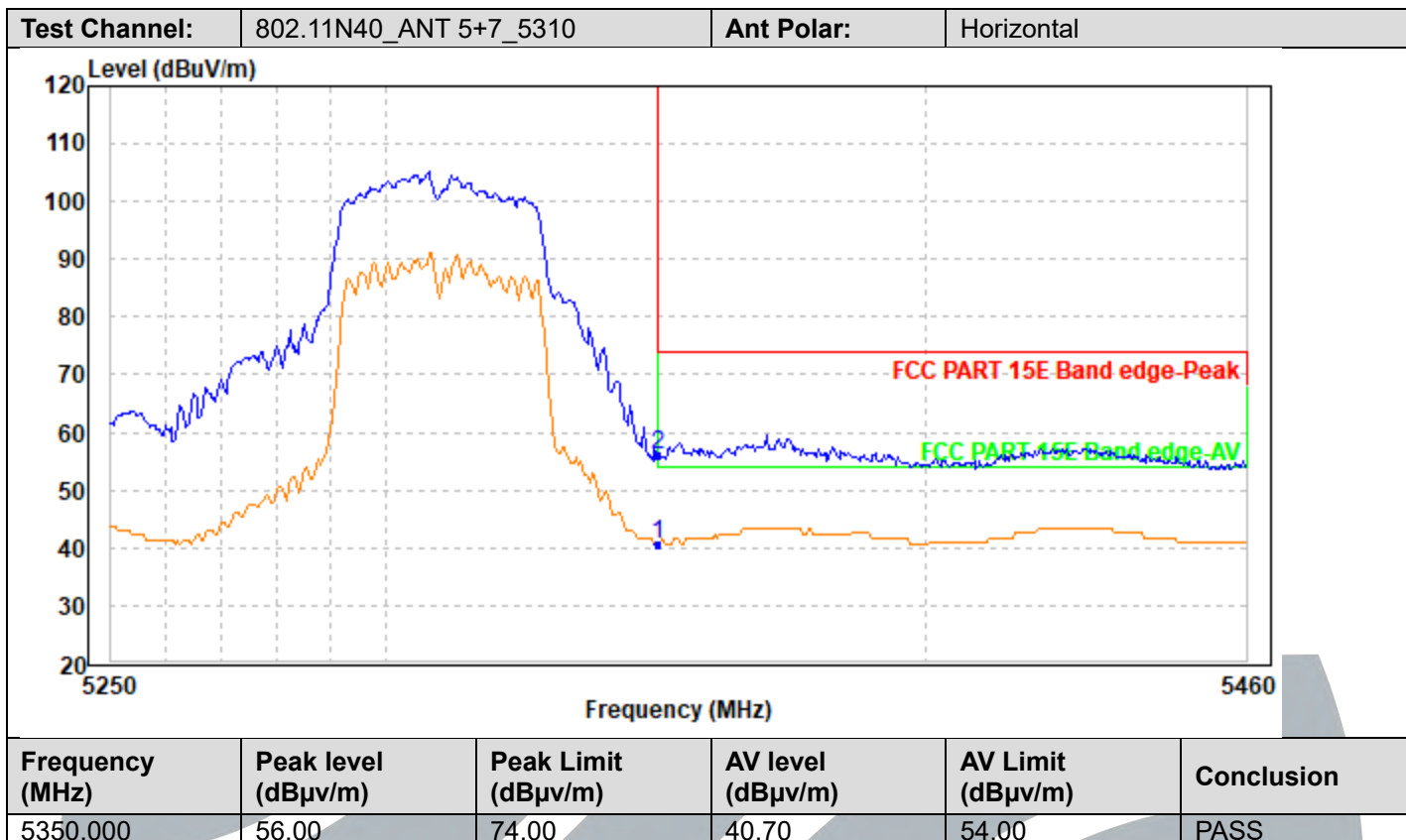
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

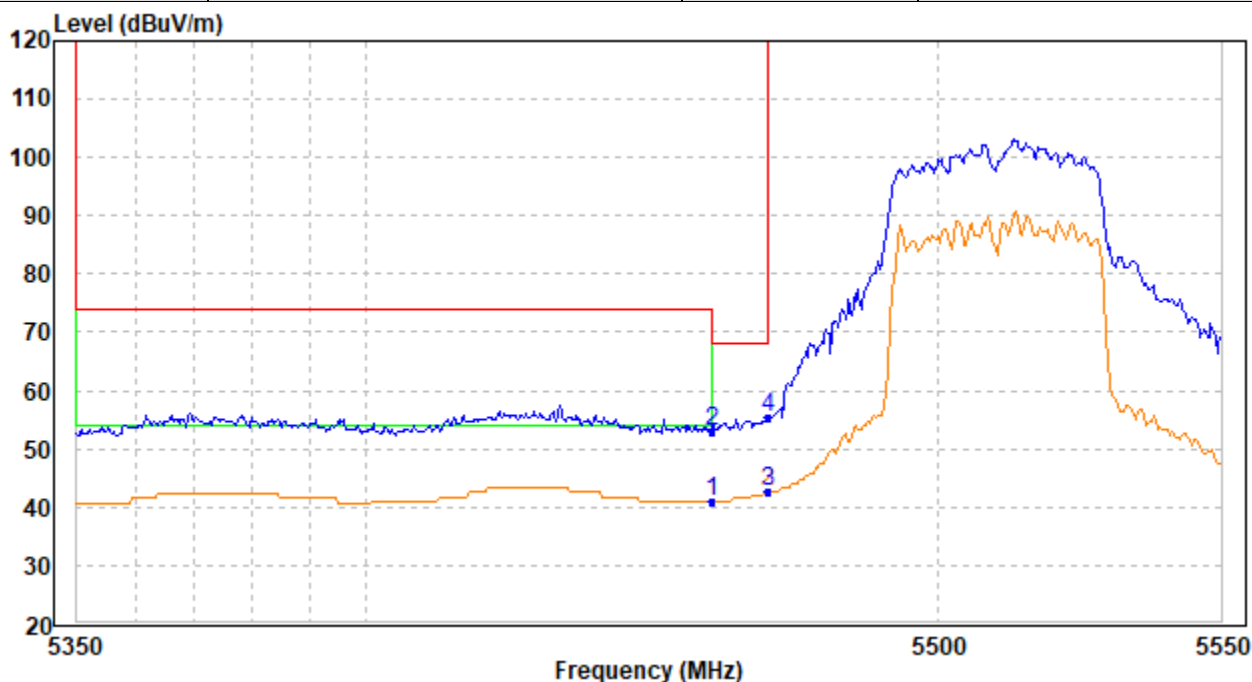
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

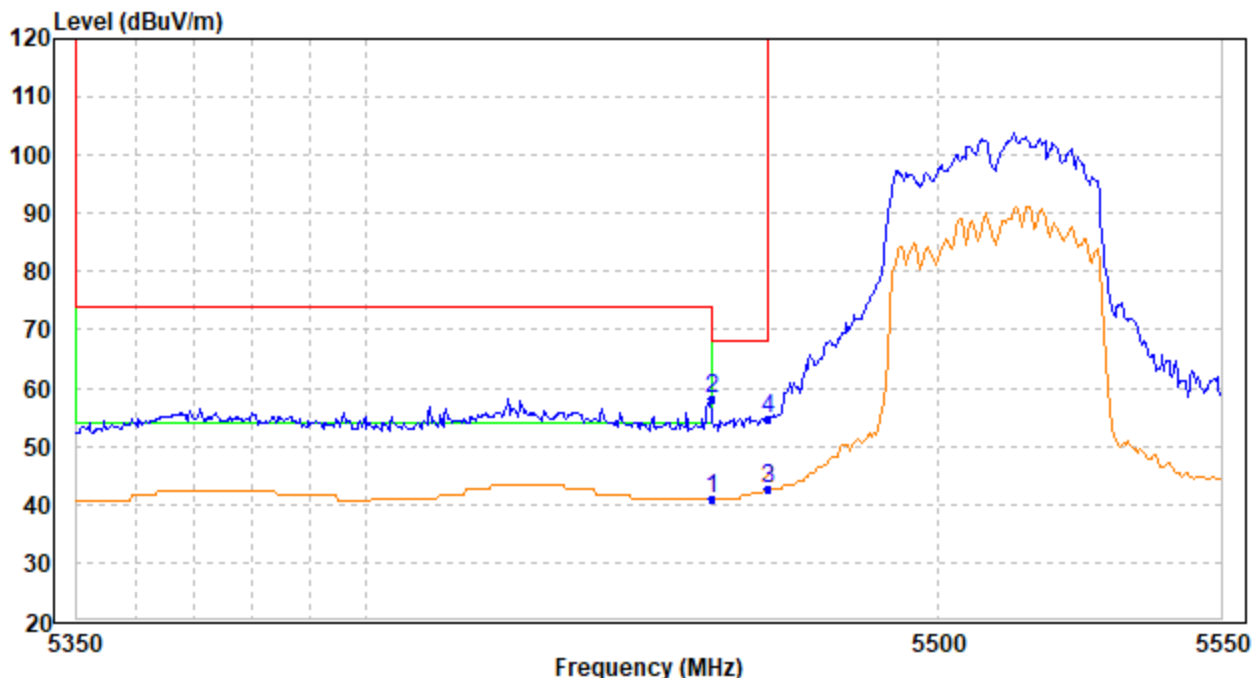
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	802.11N40_ANT 5+7_5510	Ant Polar:	Horizontal
---------------	------------------------	------------	------------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	53.08	68.20	40.89	54.00	PASS
5470.000	55.27	68.20	42.65	68.20	PASS

Test Channel:	802.11N40_ANT 5+7_5510	Ant Polar:	Vertical
---------------	------------------------	------------	----------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	58.14	68.20	40.89	54.00	PASS
5470.000	54.66	68.20	42.65	68.20	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

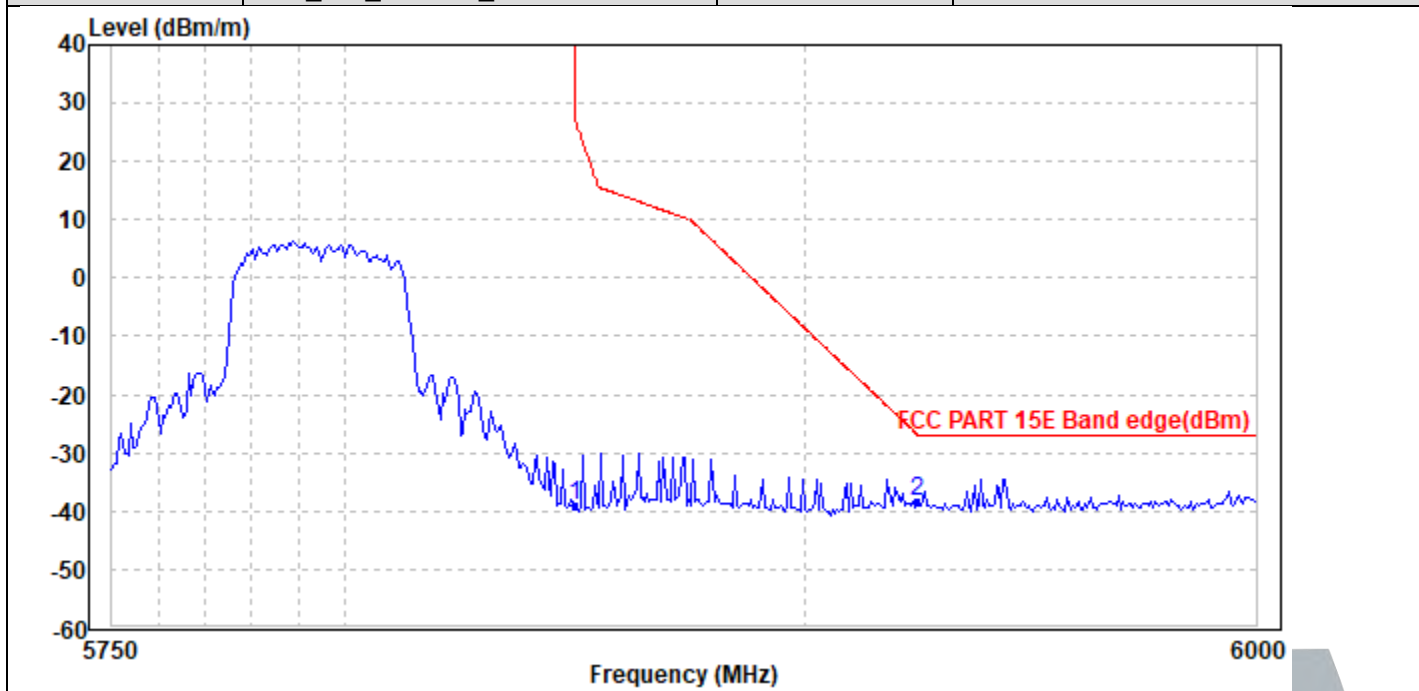
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

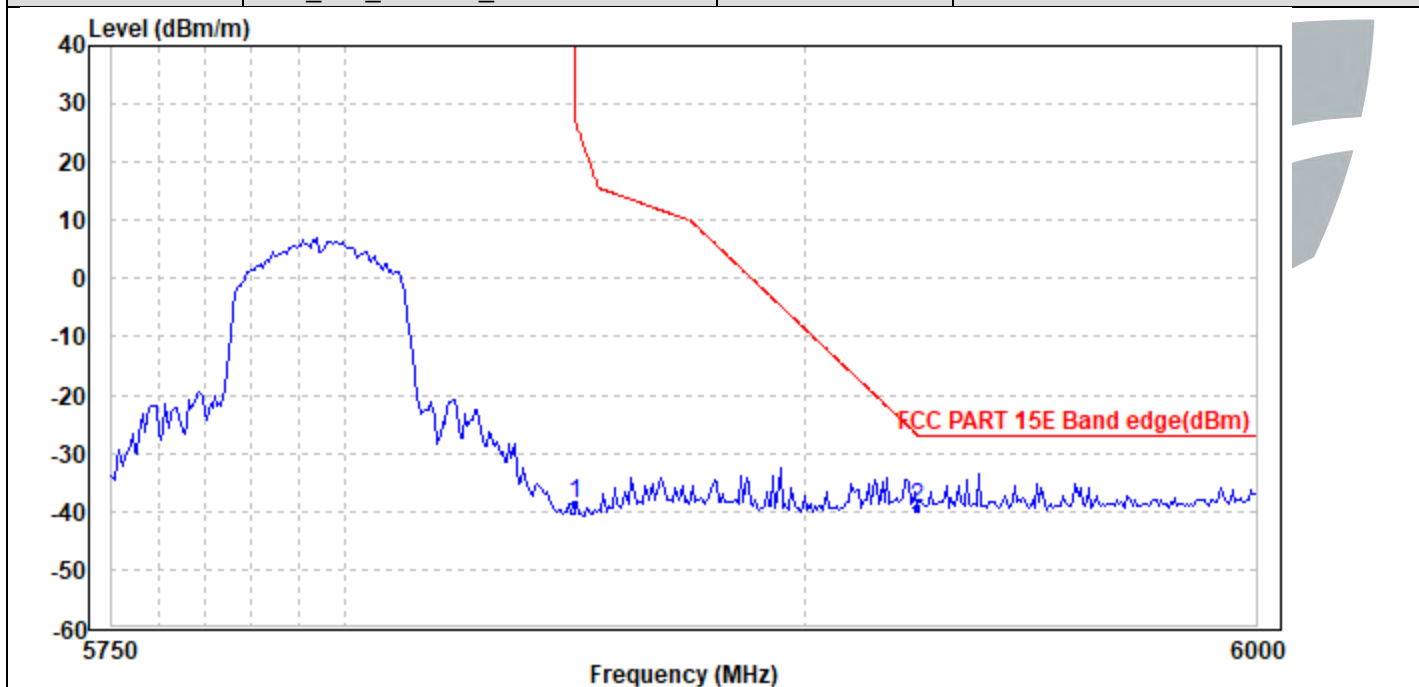
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	5G_n40_ANT5+7_5795	Ant Polar:	Horizontal
---------------	--------------------	------------	------------



Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)	AV Limit (dBm)	Conclusion
5850.000	-39.07	27.00	--	--	PASS
5925.000	-38.28	-27.00	--	--	PASS

Test Channel:	5G_n40_ANT5+7_5795	Ant Polar:	Vertical
---------------	--------------------	------------	----------



Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)	AV Limit (dBm)	Conclusion
5850.000	-38.72	27.00	--	--	PASS
5925.000	-39.28	-27.00	--	--	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

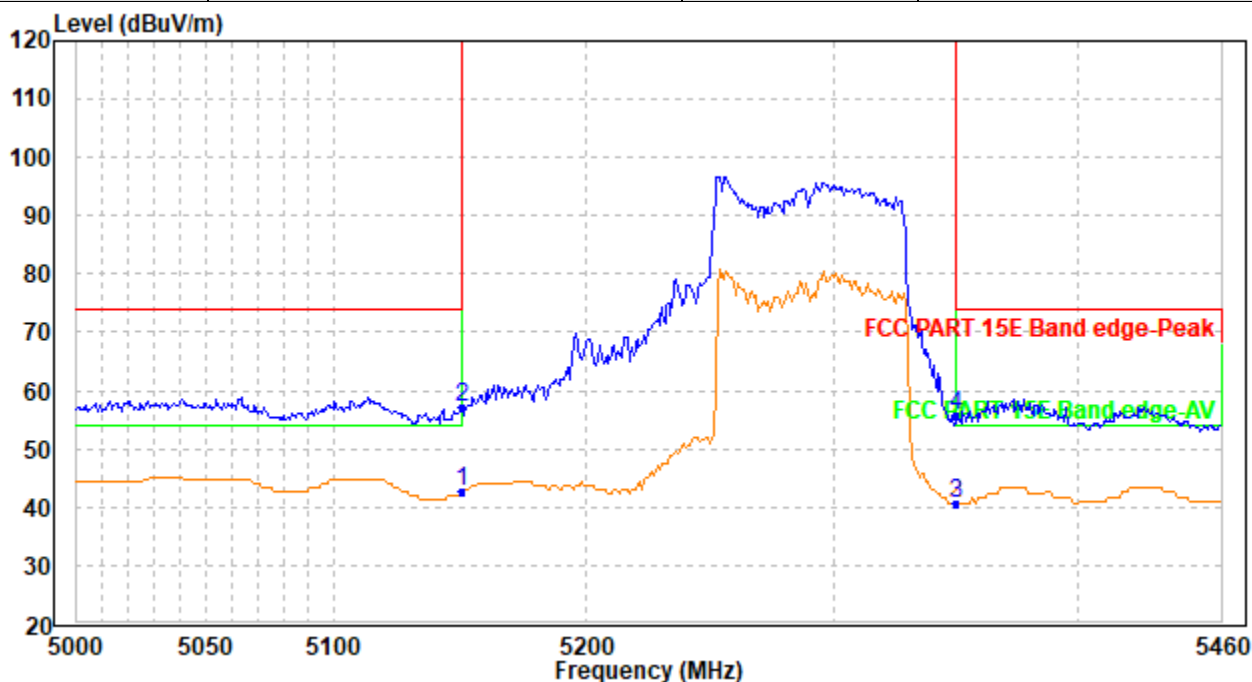
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

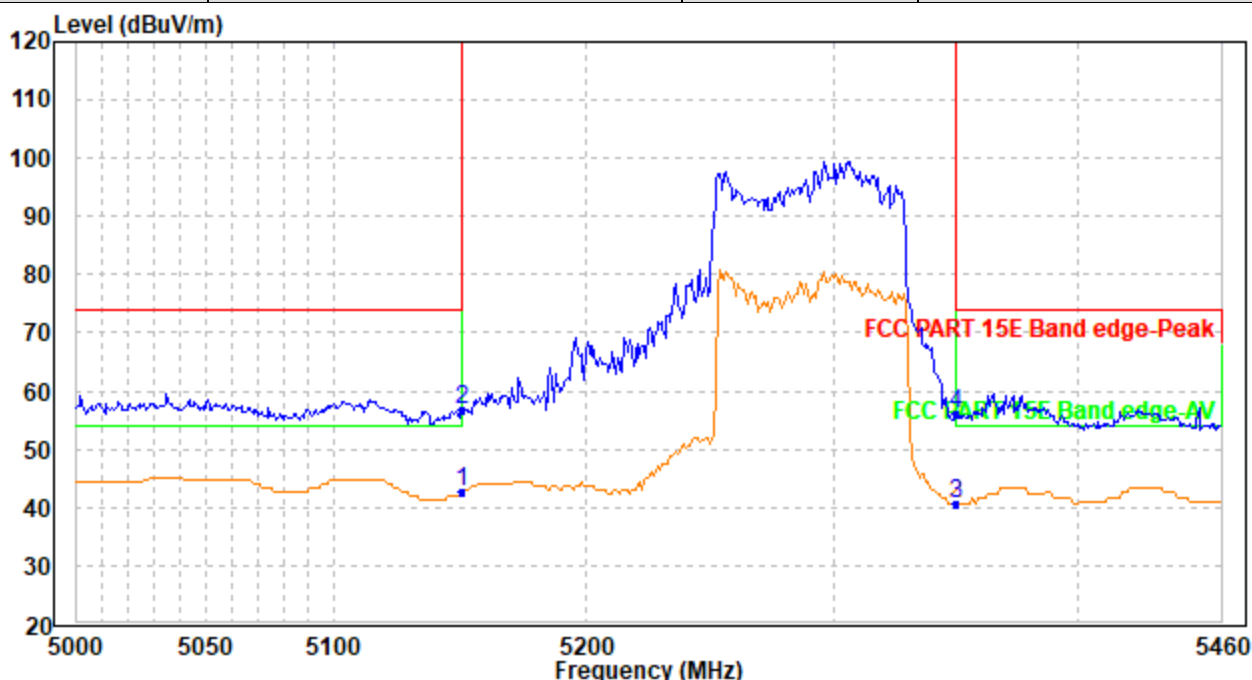
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	802.11AC80_ANT 5+7_5290	Ant Polar:	Horizontal
---------------	-------------------------	------------	------------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	57.12	74.00	42.85	54.00	PASS
5350.000	55.62	74.00	40.70	54.00	PASS

Test Channel:	802.11AC80_ANT 5+7_5290	Ant Polar:	Vertical
---------------	-------------------------	------------	----------



Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	56.69	74.00	42.85	54.00	PASS
5350.000	56.12	74.00	40.70	54.00	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

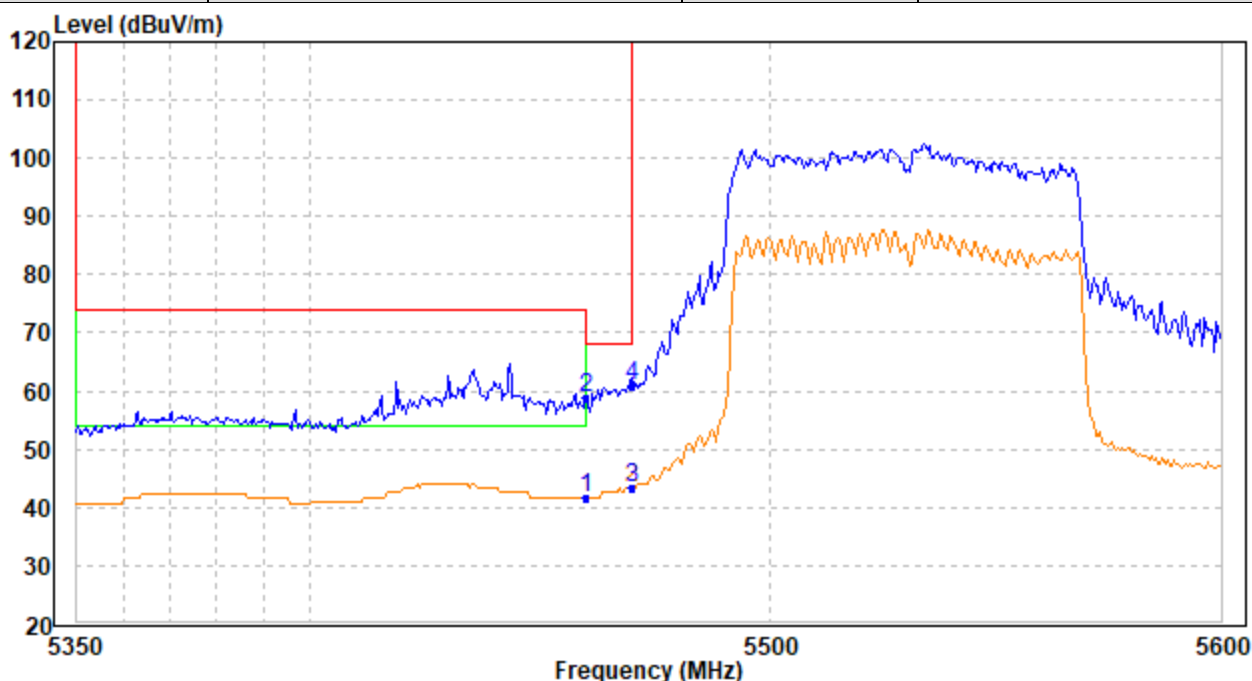
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

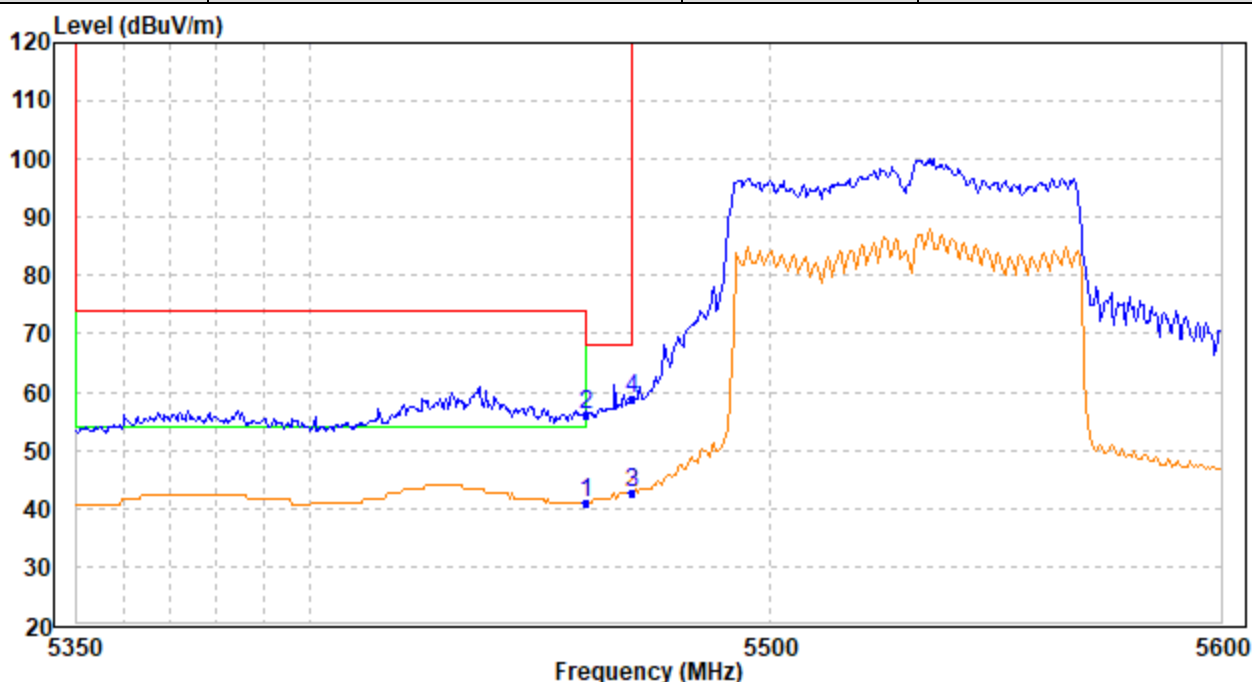
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	802.11AC80_ANT 5+7_5530	Ant Polar:	Horizontal
---------------	-------------------------	------------	------------



Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	58.99	68.20	41.81	54.00	PASS
5470.000	60.91	68.20	43.41	68.20	PASS

Test Channel:	802.11AC80_ANT 5+7_5530	Ant Polar:	Vertical
---------------	-------------------------	------------	----------



Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	56.00	68.20	40.89	54.00	PASS
5470.000	58.72	68.20	42.66	68.20	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F., Block A, Building 6, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.2