

A.4 RADIATED SPURIOUS EMISSIONS

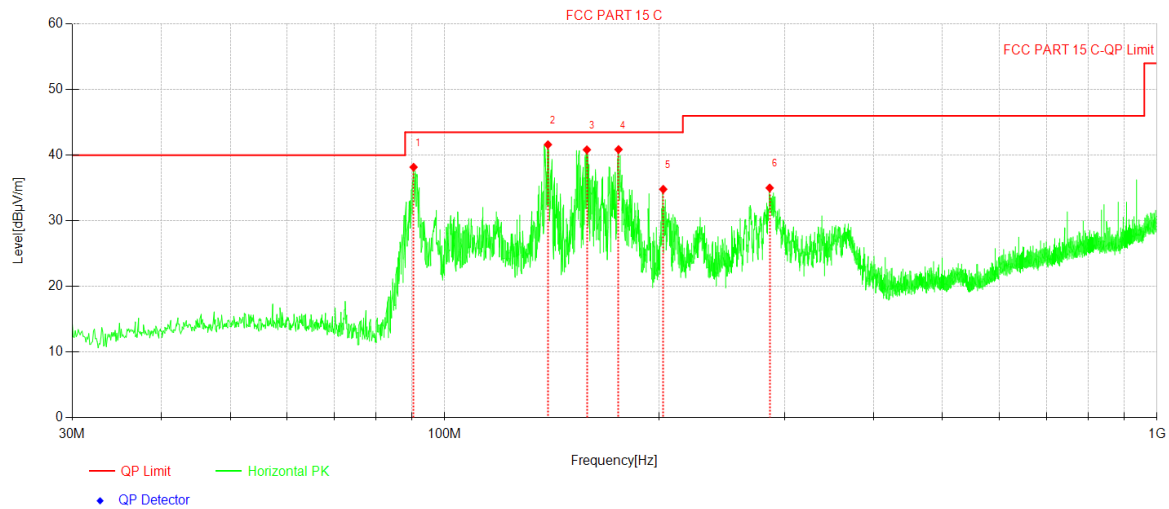
Radiated Emission Test Data (9 kHz ~ 30 MHz):

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):

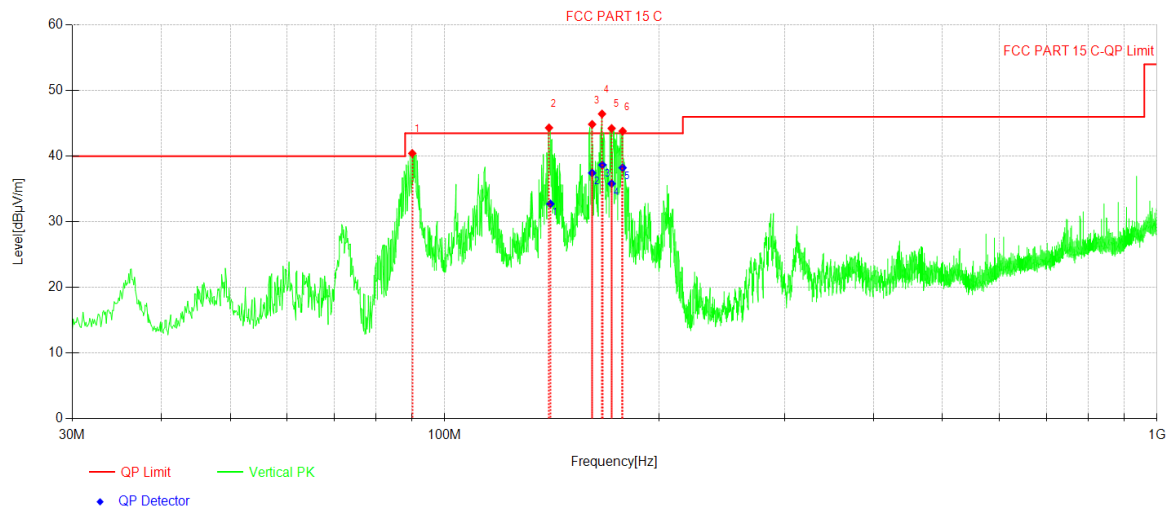
Worst-Case Configuration (IEEE 802.11b_2437MHz)

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	90.437044	52.00	-13.82	38.18	43.50	5.32	Peak
2	139.620962	50.13	-8.52	41.61	43.50	1.89	Peak
3	158.343834	48.62	-7.79	40.83	43.50	2.67	Peak
4	175.417542	49.66	-8.79	40.87	43.50	2.63	Peak
5	202.677268	45.88	-11.07	34.81	43.50	8.69	Peak
6	285.911591	42.35	-7.34	35.01	46.00	10.99	Peak

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	90.049005	54.27	-13.84	40.43	43.50	3.07	Peak
2	140.106011	52.80	-8.47	32.73	43.50	10.77	QP
3	161.060106	52.67	-7.81	37.44	43.50	6.06	QP
4	166.29863	54.50	-8.05	38.67	43.50	4.83	QP
5	171.537154	52.68	-8.44	35.82	43.50	7.68	QP
6	177.745775	52.87	-9.05	38.24	43.50	5.26	QP

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

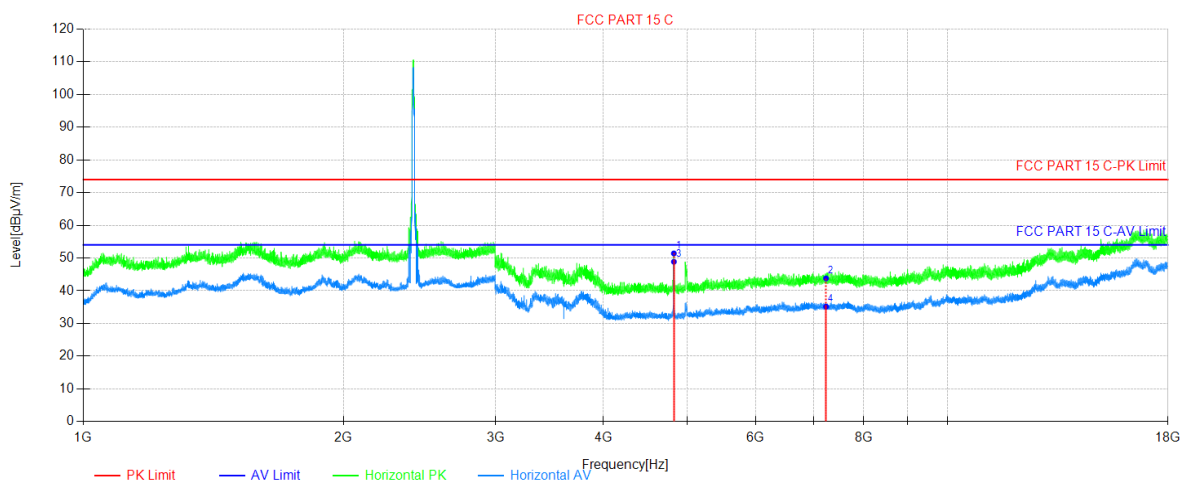
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

Radiated Emission Test Data (Above 1GHz):

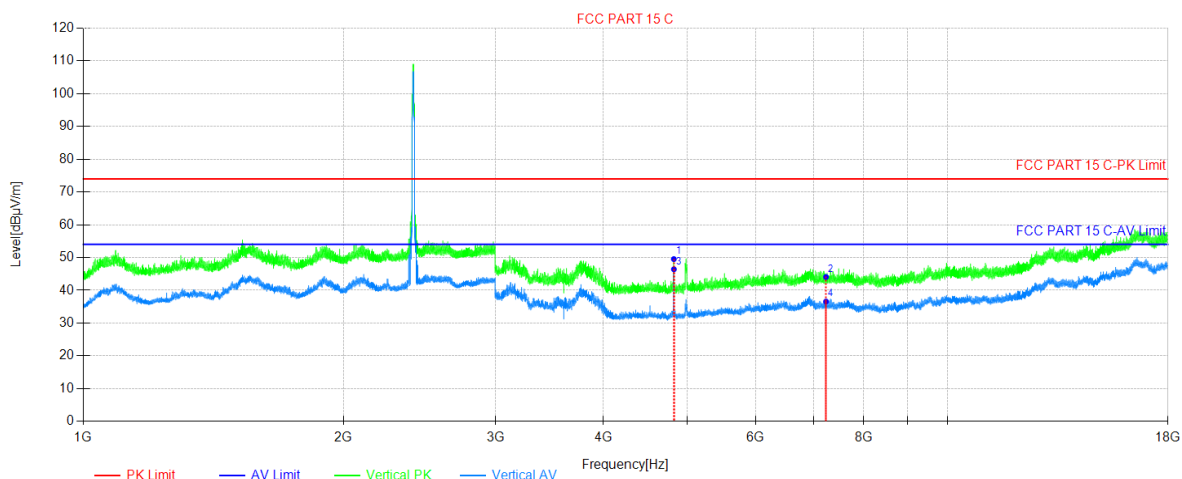
SISO_Antenna 0_IIEEE 802.11b_Channel 1: Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	52.61	-1.18	51.43	74.00	22.57	150	92	PK	Horizontal	PASS
2	7236.1694	41.21	2.58	43.79	74.00	30.21	150	201	PK	Horizontal	PASS
3	4824.673	50.07	-1.19	48.88	54.00	5.12	150	92	AV	Horizontal	PASS
4	7236.1694	32.56	2.58	35.14	54.00	18.86	150	51	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	50.72	-1.18	49.54	74.00	24.46	150	64	PK	Vertical	PASS
2	7236.1694	41.49	2.58	44.07	74.00	29.93	150	360	PK	Vertical	PASS
3	4824.673	47.63	-1.19	46.44	54.00	7.56	150	50	AV	Vertical	PASS
4	7236.1694	34.00	2.58	36.58	54.00	17.42	150	241	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

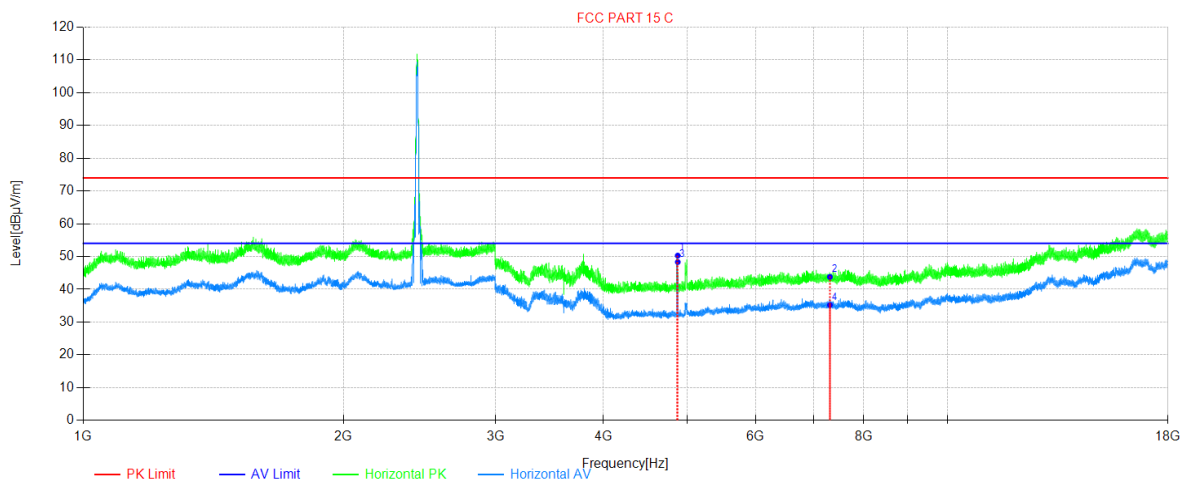
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

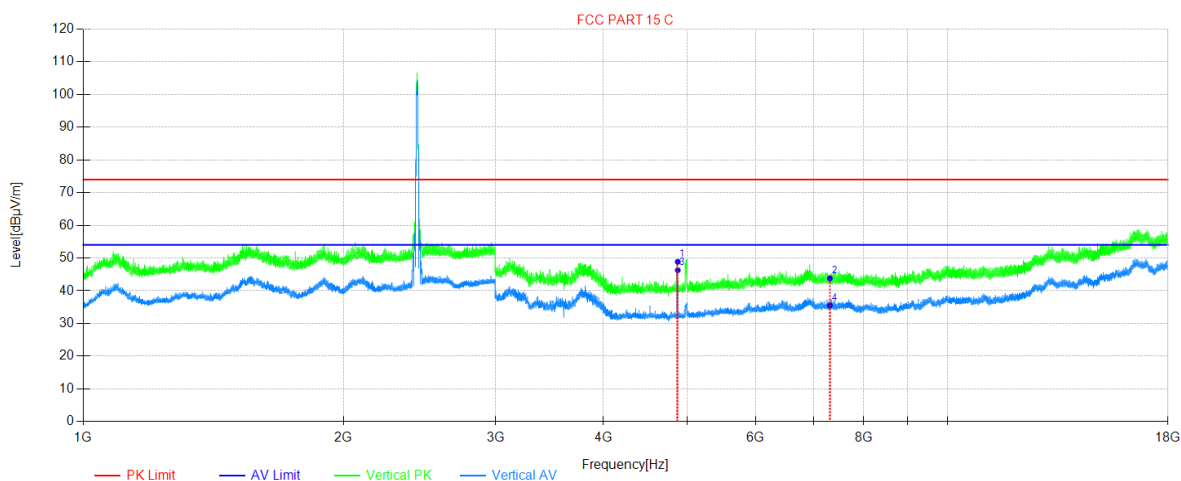
UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 0_ IEEE 802.11b_Channel 6: Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	52.02	-1.72	50.30	74.00	23.70	150	81	PK	Horizontal	PASS
2	7311.1724	41.45	2.35	43.80	74.00	30.20	150	228	PK	Horizontal	PASS
3	4874.475	50.05	-1.72	48.33	54.00	5.67	150	81	AV	Horizontal	PASS
4	7311.1724	32.88	2.35	35.23	54.00	18.77	150	355	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	50.59	-1.72	48.87	74.00	25.13	150	53	PK	Vertical	PASS
2	7311.1724	41.42	2.35	43.77	74.00	30.23	150	107	PK	Vertical	PASS
3	4874.475	48.01	-1.72	46.29	54.00	7.71	150	53	AV	Vertical	PASS
4	7311.1724	33.15	2.35	35.50	54.00	18.50	150	12	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

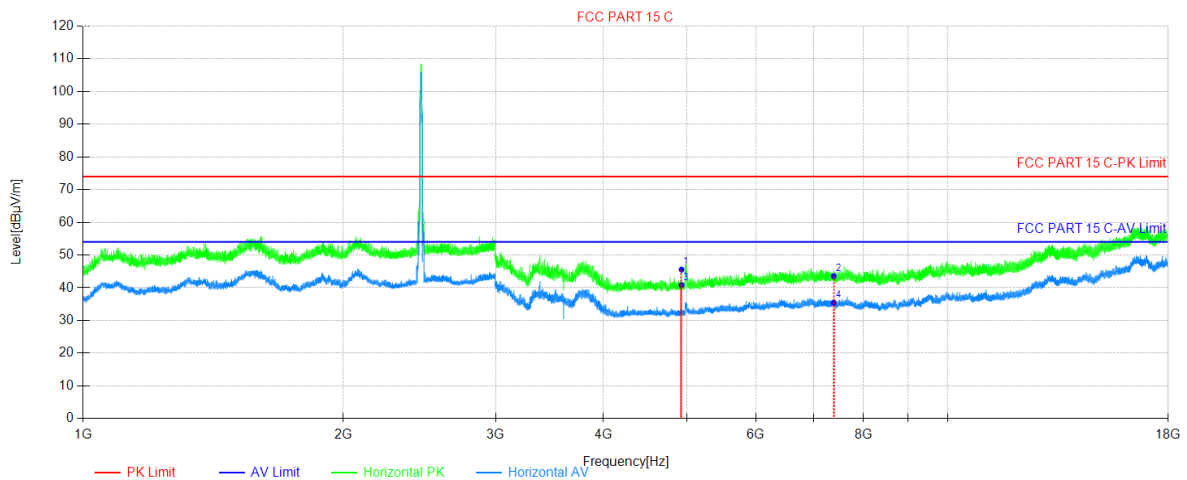
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 0_IEEE 802.11b_Channel 11:

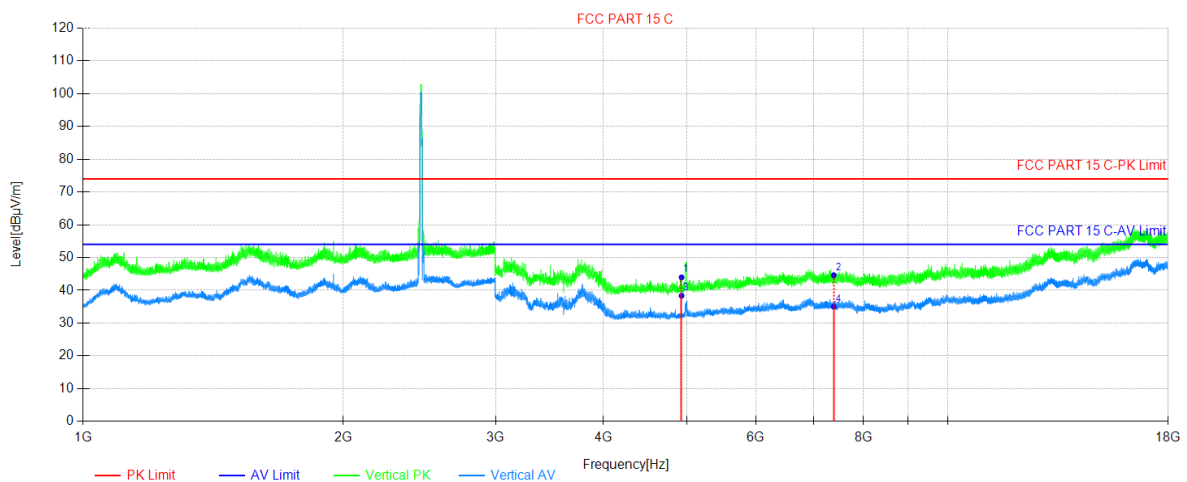
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	47.13	-1.57	45.56	74.00	28.44	150	50	PK	Horizontal	PASS
2	7386.1754	40.62	2.95	43.57	74.00	30.43	150	338	PK	Horizontal	PASS
3	4924.277	42.41	-1.57	40.84	54.00	13.16	150	91	AV	Horizontal	PASS
4	7386.1754	32.53	2.95	35.48	54.00	18.52	150	360	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	45.51	-1.56	43.95	74.00	30.05	150	64	PK	Vertical	PASS
2	7386.1754	41.67	2.95	44.62	74.00	29.38	150	36	PK	Vertical	PASS
3	4924.277	39.93	-1.57	38.36	54.00	15.64	150	50	AV	Vertical	PASS
4	7386.1754	32.07	2.95	35.02	54.00	18.98	150	357	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

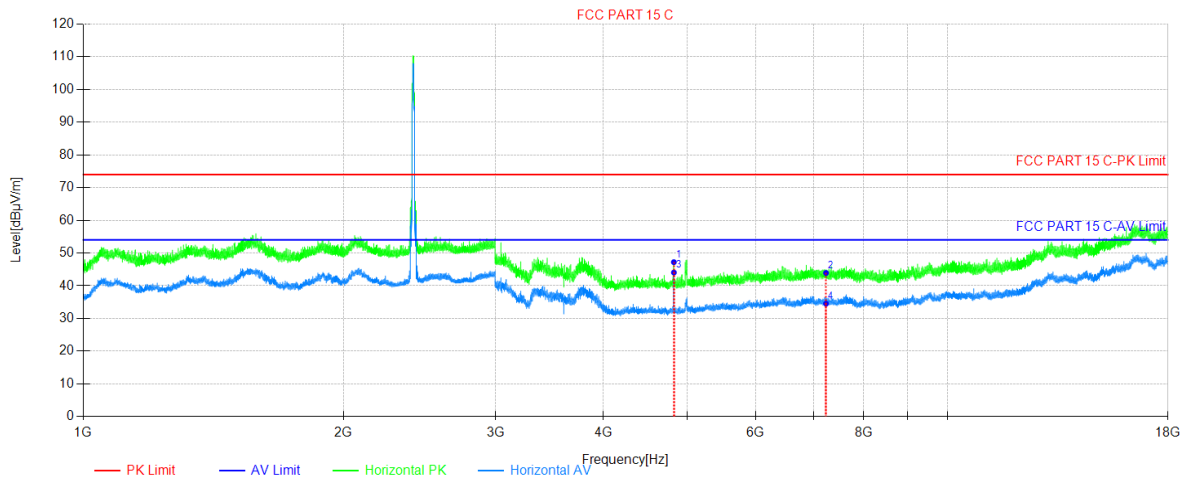
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11b_Channel 1:

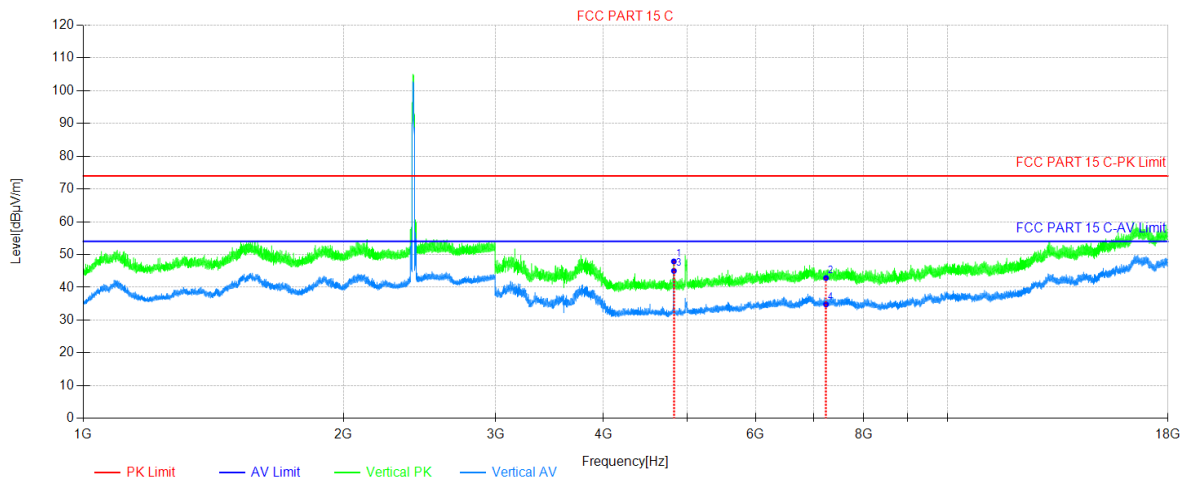
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	48.40	-1.18	47.22	74.00	26.78	150	132	PK	Horizontal	PASS
2	7236.1694	41.34	2.58	43.92	74.00	30.08	150	92	PK	Horizontal	PASS
3	4824.673	45.25	-1.19	44.06	54.00	9.94	150	119	AV	Horizontal	PASS
4	7236.1694	31.95	2.58	34.53	54.00	19.47	150	23	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	49.09	-1.18	47.91	74.00	26.09	150	92	PK	Vertical	PASS
2	7236.1694	40.27	2.58	42.85	74.00	31.15	150	202	PK	Vertical	PASS
3	4824.673	46.21	-1.19	45.02	54.00	8.98	150	175	AV	Vertical	PASS
4	7236.1694	32.20	2.58	34.78	54.00	19.22	150	338	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

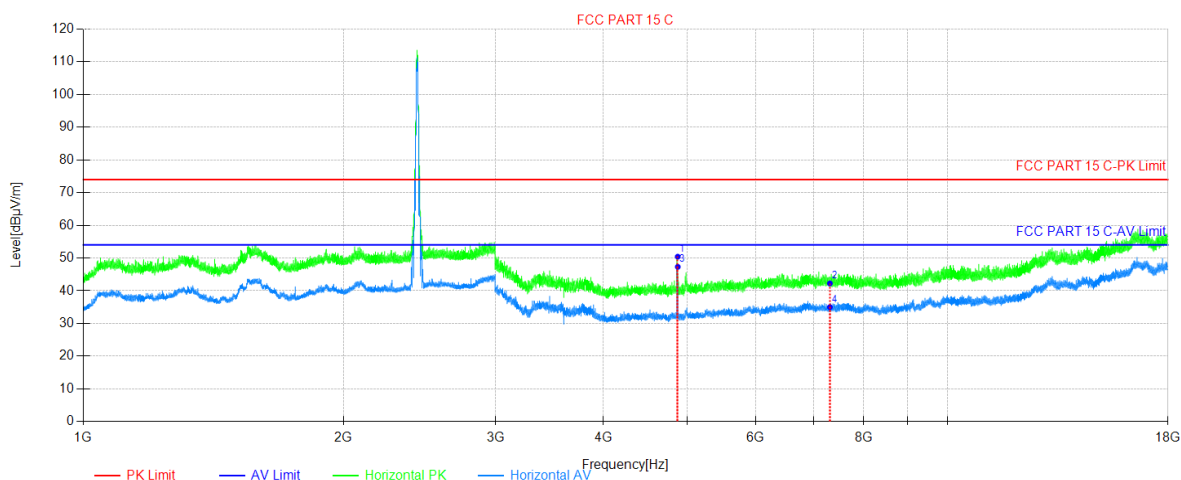
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11b_Channel 6:

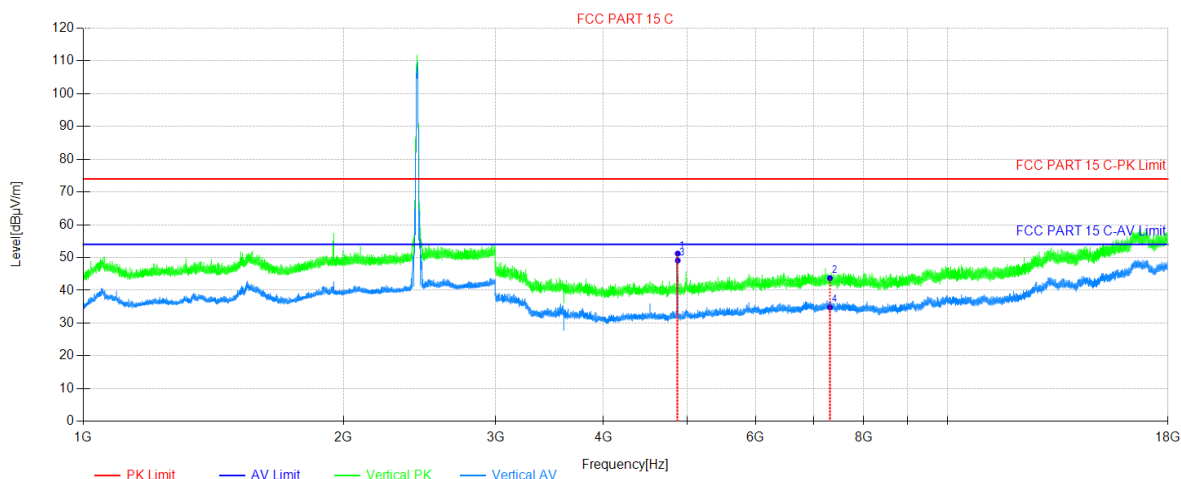
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	52.14	-1.72	50.42	74.00	23.58	150	97	PK	Horizontal	PASS
2	7311.1724	39.90	2.35	42.25	74.00	31.75	150	178	PK	Horizontal	PASS
3	4874.475	49.04	-1.72	47.32	54.00	6.68	150	97	AV	Horizontal	PASS
4	7311.1724	32.66	2.35	35.01	54.00	18.99	150	68	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	52.95	-1.72	51.23	74.00	22.77	150	94	PK	Vertical	PASS
2	7311.1724	41.39	2.35	43.74	74.00	30.26	150	180	PK	Vertical	PASS
3	4874.475	50.82	-1.72	49.10	54.00	4.90	150	94	AV	Vertical	PASS
4	7311.1724	32.47	2.35	34.82	54.00	19.18	150	180	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

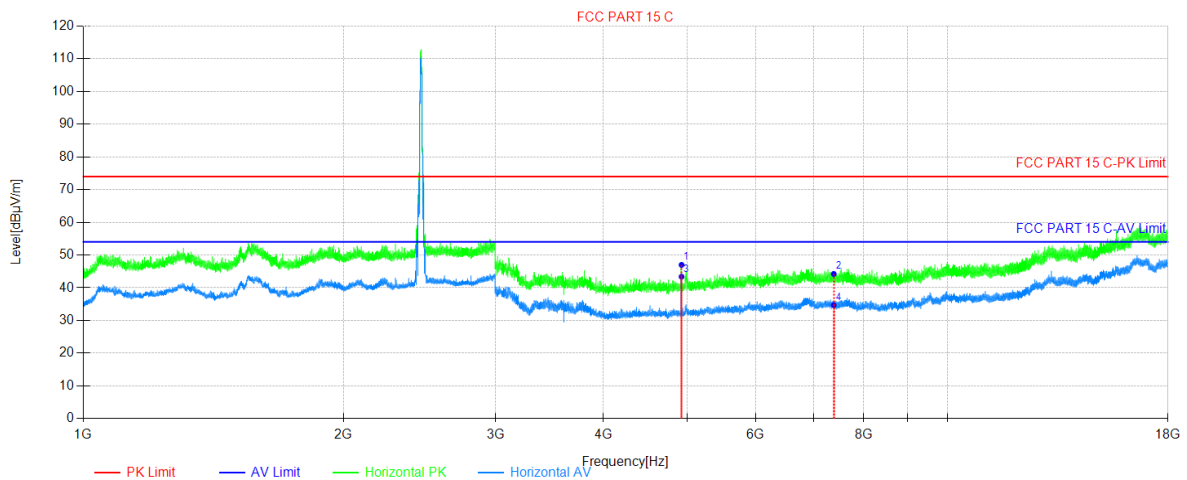
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11b_Channel 11:

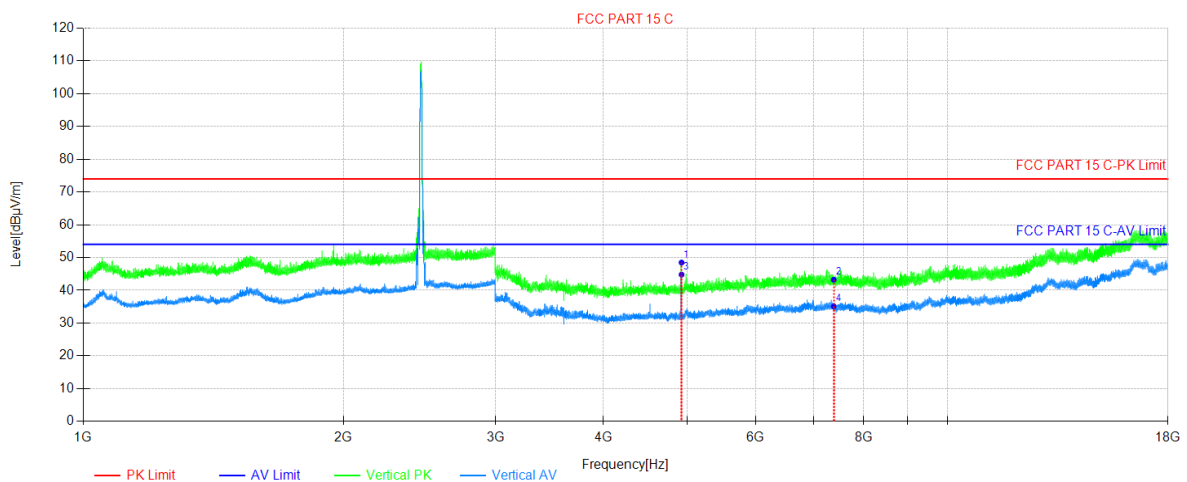
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	48.56	-1.56	47.00	74.00	27.00	150	88	PK	Horizontal	PASS
2	7386.1754	41.28	2.95	44.23	74.00	29.77	150	134	PK	Horizontal	PASS
3	4924.277	44.96	-1.57	43.39	54.00	10.61	150	88	AV	Horizontal	PASS
4	7386.1754	31.76	2.95	34.71	54.00	19.29	150	88	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	50.04	-1.56	48.48	74.00	25.52	150	66	PK	Vertical	PASS
2	7386.1754	40.30	2.95	43.25	74.00	30.75	150	171	PK	Vertical	PASS
3	4924.277	46.38	-1.57	44.81	54.00	9.19	150	93	AV	Vertical	PASS
4	7386.1754	32.17	2.95	35.12	54.00	18.88	150	180	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

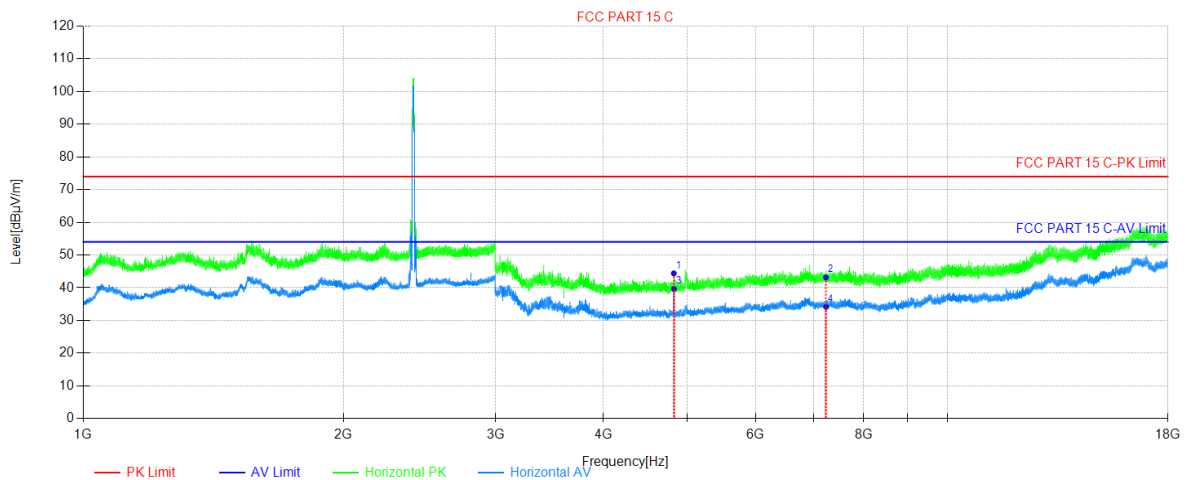
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 2_ IEEE 802.11b_Channel 1:

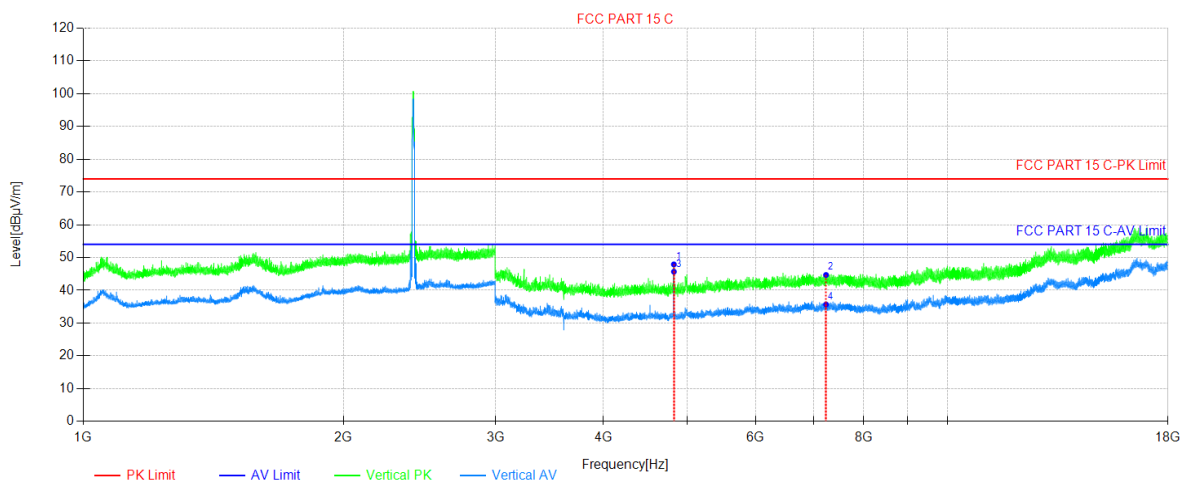
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4823.4729	45.58	-1.17	44.41	74.00	29.59	150	40	PK	Horizontal	PASS
2	7236.1694	40.59	2.58	43.17	74.00	30.83	150	178	PK	Horizontal	PASS
3	4824.673	40.85	-1.19	39.66	54.00	14.34	150	80	AV	Horizontal	PASS
4	7236.1694	31.59	2.58	34.17	54.00	19.83	150	178	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	49.10	-1.18	47.92	74.00	26.08	150	162	PK	Vertical	PASS
2	7236.1694	42.11	2.58	44.69	74.00	29.31	150	149	PK	Vertical	PASS
3	4824.673	46.88	-1.19	45.69	54.00	8.31	150	162	AV	Vertical	PASS
4	7236.1694	33.11	2.58	35.69	54.00	18.31	150	81	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

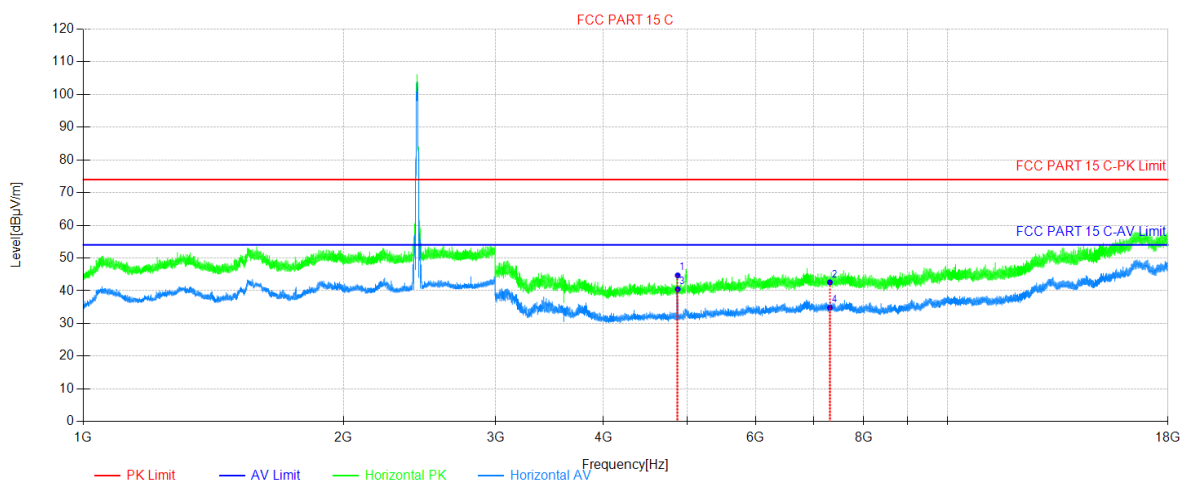
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 2_IEEE 802.11b_Channel 6:

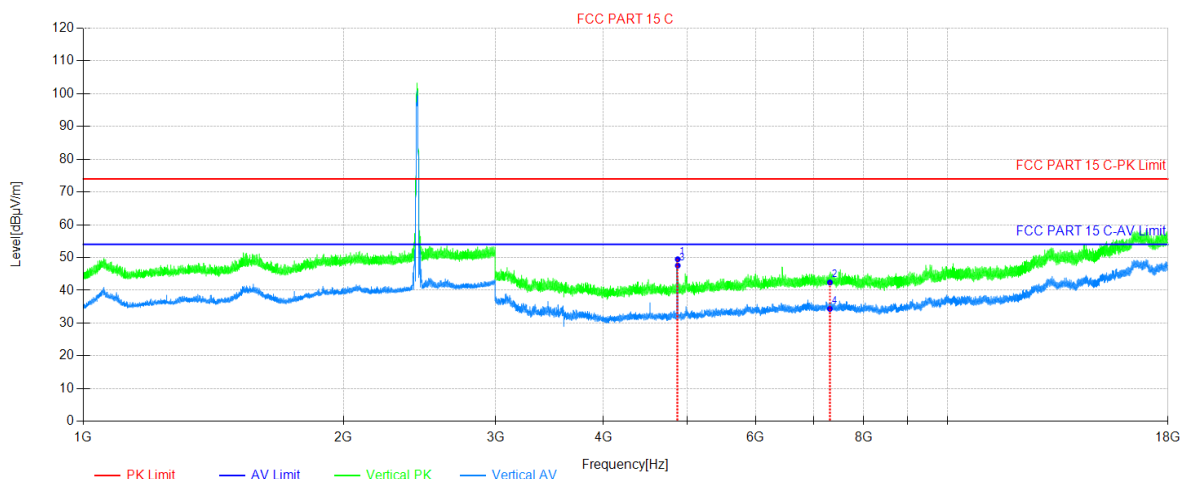
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	46.43	-1.72	44.71	74.00	29.29	150	163	PK	Horizontal	PASS
2	7311.1724	40.23	2.35	42.58	74.00	31.42	150	174	PK	Horizontal	PASS
3	4874.475	42.20	-1.72	40.48	54.00	13.52	150	180	AV	Horizontal	PASS
4	7311.1724	32.51	2.35	34.86	54.00	19.14	150	174	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	51.21	-1.72	49.49	74.00	24.51	150	174	PK	Vertical	PASS
2	7311.1724	40.08	2.35	42.43	74.00	31.57	150	164	PK	Vertical	PASS
3	4874.475	49.28	-1.72	47.56	54.00	6.44	150	164	AV	Vertical	PASS
4	7311.1724	32.00	2.35	34.35	54.00	19.65	150	82	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

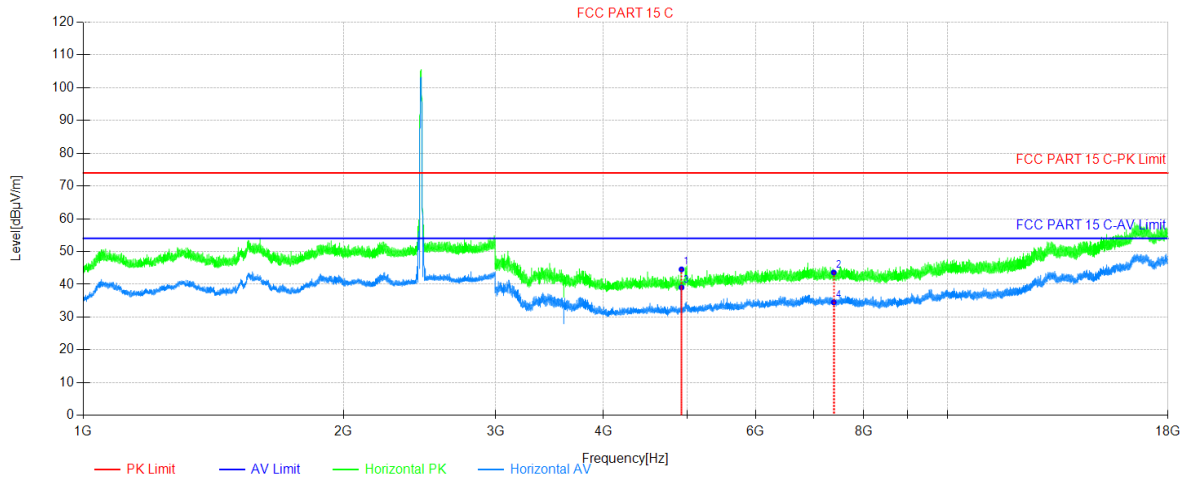
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

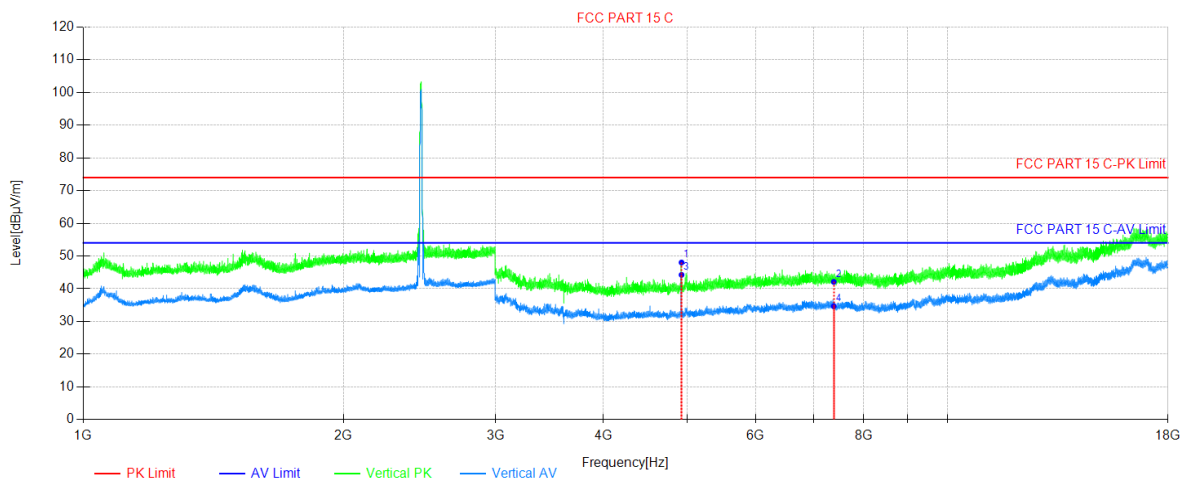
SISO_Antenna 2_ IEEE 802.11b_Channel 11: Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	46.12	-1.56	44.56	74.00	29.44	150	174	PK	Horizontal	PASS
2	7386.1754	40.67	2.95	43.62	74.00	30.38	150	180	PK	Horizontal	PASS
3	4924.277	40.63	-1.57	39.06	54.00	14.94	150	180	AV	Horizontal	PASS
4	7386.1754	31.58	2.95	34.53	54.00	19.47	150	69	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	49.59	-1.56	48.03	74.00	25.97	150	174	PK	Vertical	PASS
2	7386.1754	39.18	2.95	42.13	74.00	31.87	150	110	PK	Vertical	PASS
3	4924.277	45.84	-1.57	44.27	54.00	9.73	150	174	AV	Vertical	PASS
4	7386.1754	31.72	2.95	34.67	54.00	19.33	150	54	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

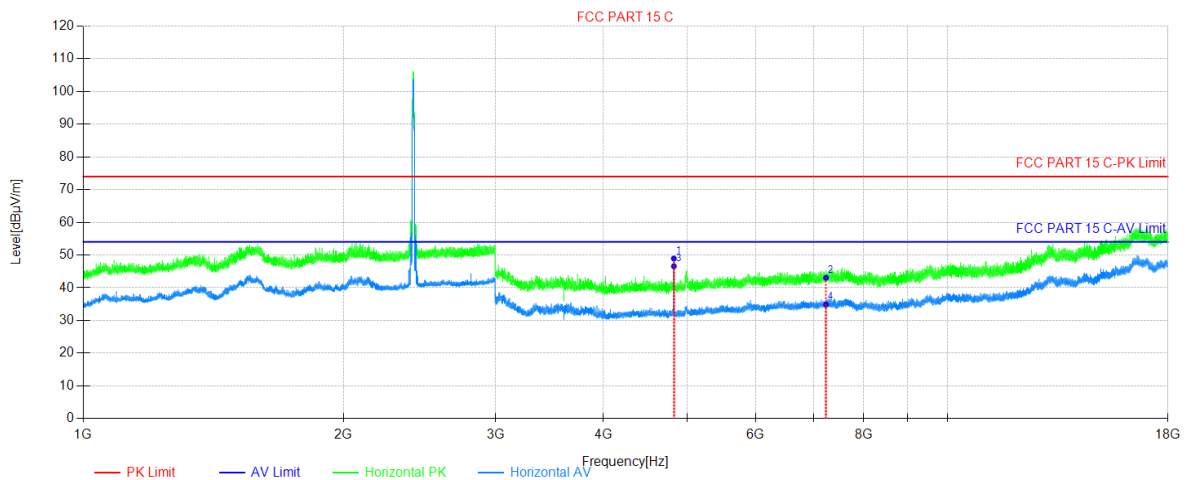
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_IIEEE 802.11b_Channel 1:

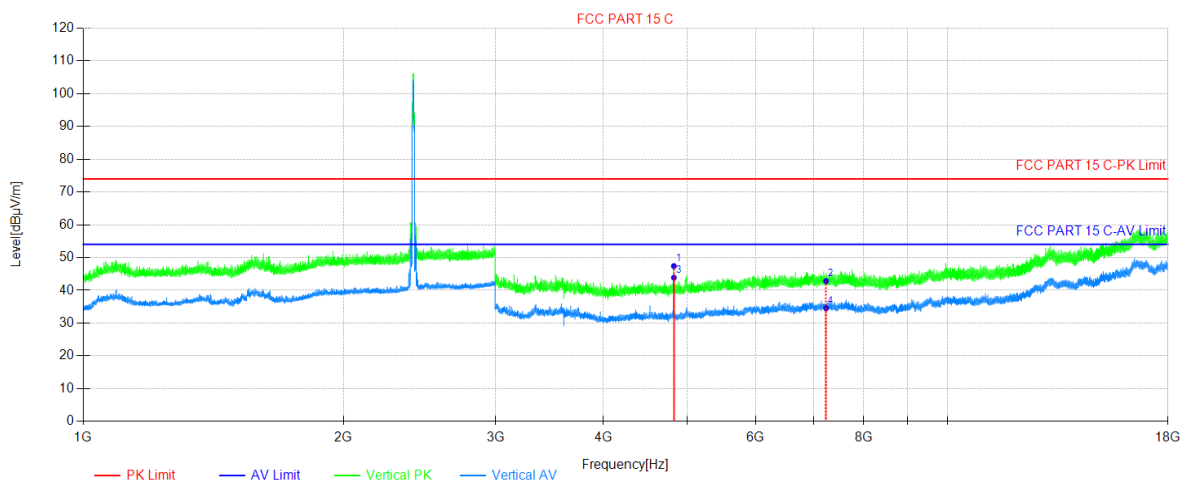
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	50.13	-1.18	48.95	74.00	25.05	150	57	PK	Horizontal	PASS
2	7236.1694	40.49	2.58	43.07	74.00	30.93	150	174	PK	Horizontal	PASS
3	4824.673	47.79	-1.19	46.60	54.00	7.40	150	42	AV	Horizontal	PASS
4	7236.1694	32.29	2.58	34.87	54.00	19.13	150	164	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	48.60	-1.18	47.42	74.00	26.58	150	54	PK	Vertical	PASS
2	7236.1694	40.25	2.58	42.83	74.00	31.17	150	41	PK	Vertical	PASS
3	4824.673	45.07	-1.19	43.88	54.00	10.12	150	54	AV	Vertical	PASS
4	7236.1694	31.97	2.58	34.55	54.00	19.45	150	180	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

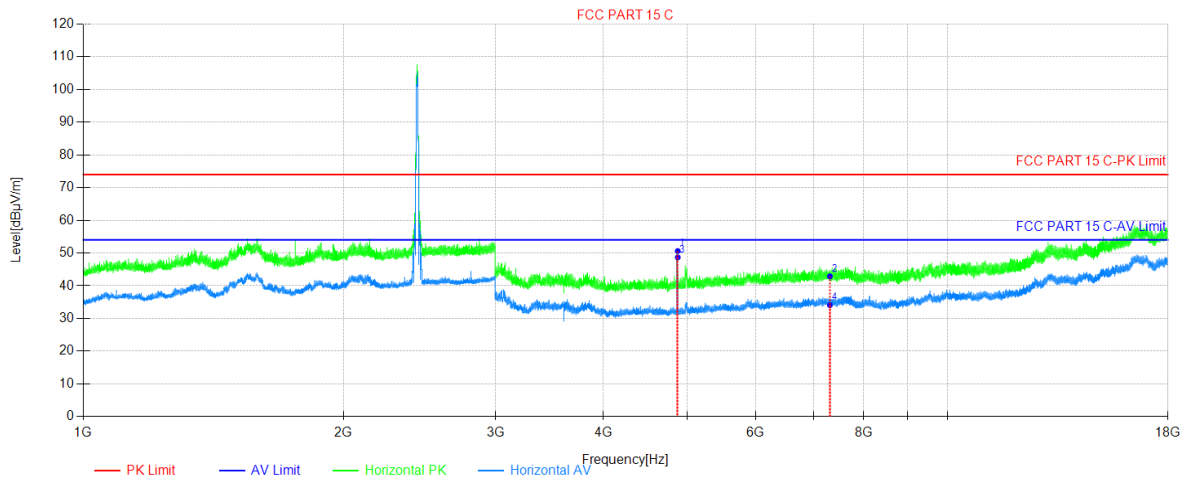
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_IEEE 802.11b_Channel 6:

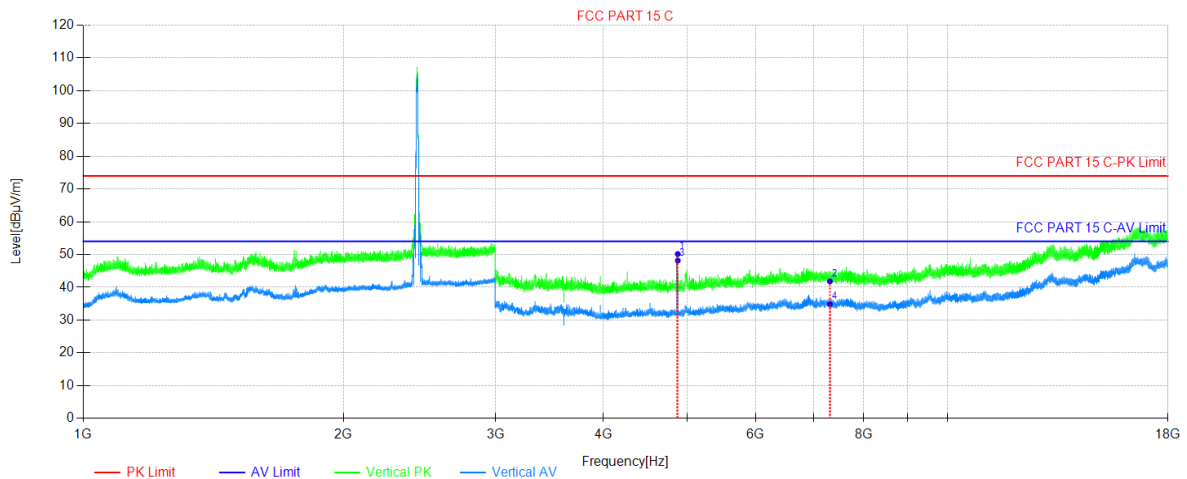
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	52.35	-1.72	50.63	74.00	23.37	150	48	PK	Horizontal	PASS
2	7311.1724	40.56	2.35	42.91	74.00	31.09	150	170	PK	Horizontal	PASS
3	4874.475	50.41	-1.72	48.69	54.00	5.31	150	48	AV	Horizontal	PASS
4	7311.1724	31.74	2.35	34.09	54.00	19.91	150	156	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	51.89	-1.72	50.17	74.00	23.83	150	48	PK	Vertical	PASS
2	7311.1724	39.49	2.35	41.84	74.00	32.16	150	30	PK	Vertical	PASS
3	4874.475	49.88	-1.72	48.16	54.00	5.84	150	48	AV	Vertical	PASS
4	7311.1724	32.54	2.35	34.89	54.00	19.11	150	102	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

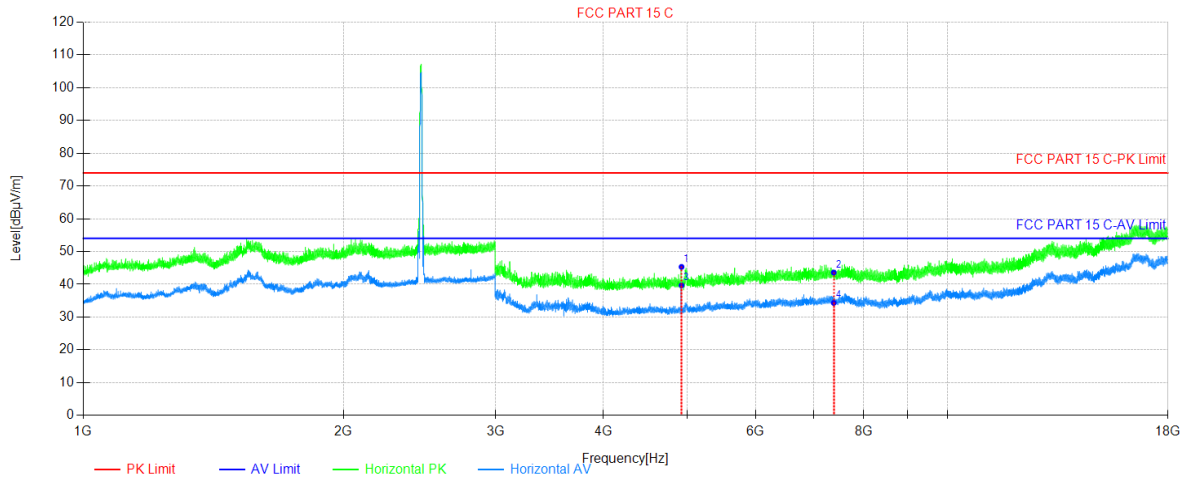
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_ IEEE 802.11b_Channel 11:

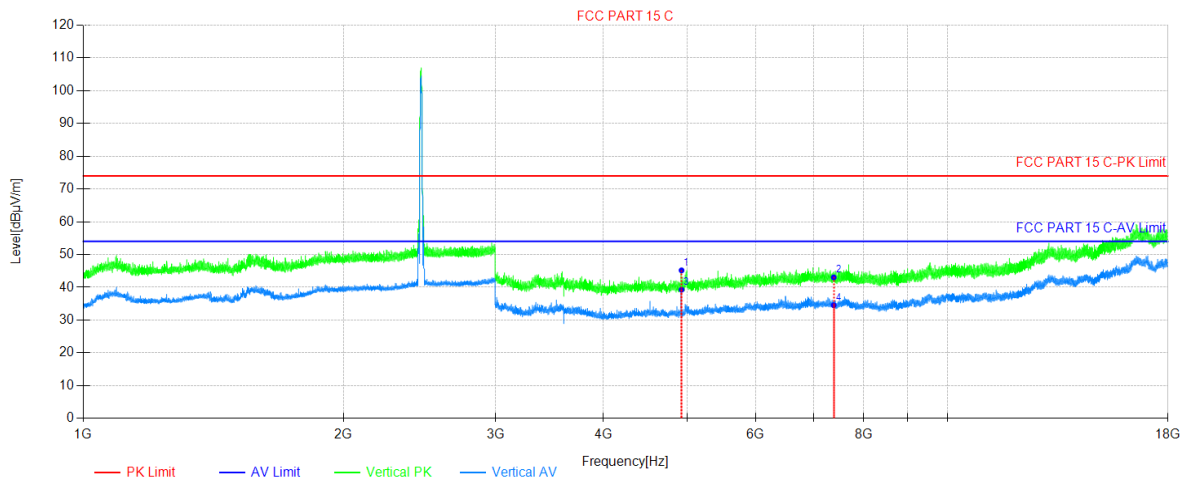
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4923.6769	46.89	-1.56	45.33	74.00	28.67	150	67	PK	Horizontal	PASS
2	7386.1754	40.65	2.95	43.60	74.00	30.40	150	107	PK	Horizontal	PASS
3	4924.277	41.26	-1.57	39.69	54.00	14.31	150	52	AV	Horizontal	PASS
4	7386.1754	31.38	2.95	34.33	54.00	19.67	150	179	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	46.75	-1.57	45.18	74.00	28.82	150	167	PK	Vertical	PASS
2	7386.1754	40.09	2.95	43.04	74.00	30.96	150	180	PK	Vertical	PASS
3	4924.277	40.86	-1.57	39.29	54.00	14.71	150	156	AV	Vertical	PASS
4	7386.1754	31.60	2.95	34.55	54.00	19.45	150	124	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

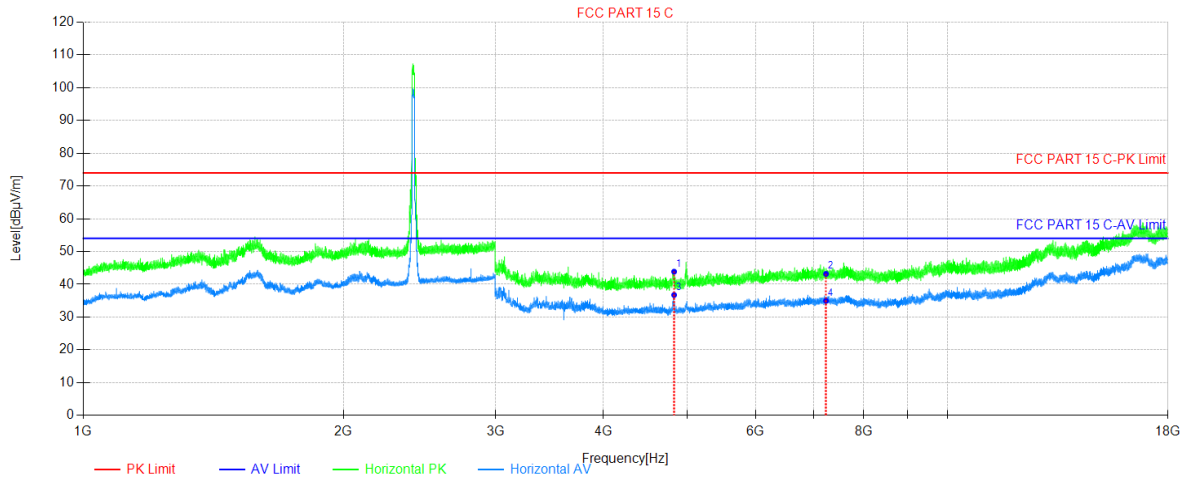
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 0_IEEE 802.11g_Channel 1:

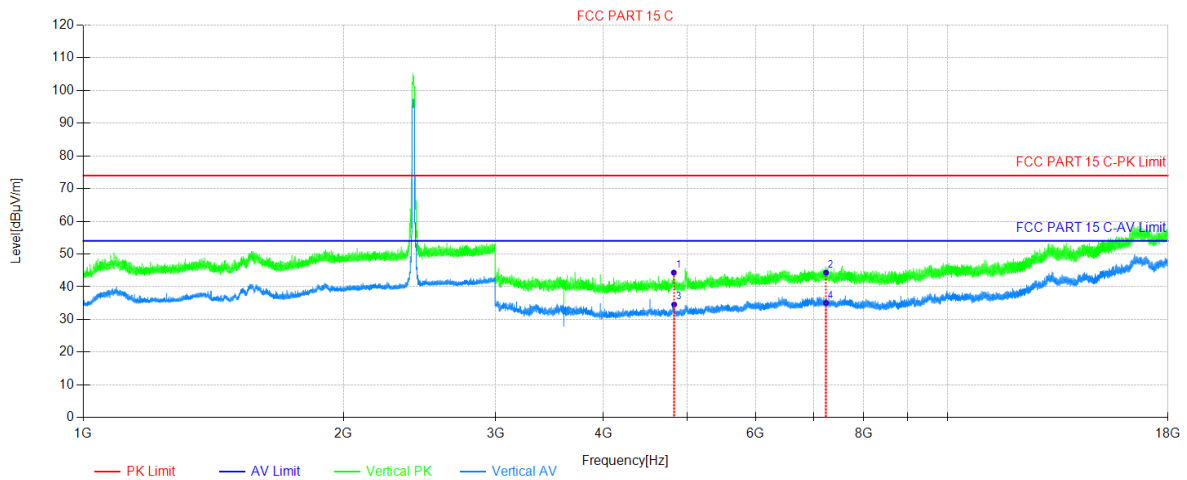
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4827.0731	45.05	-1.18	43.87	74.00	30.13	150	80	PK	Horizontal	PASS
2	7236.1694	40.61	2.58	43.19	74.00	30.81	150	31	PK	Horizontal	PASS
3	4827.0731	37.94	-1.18	36.76	54.00	17.24	150	103	AV	Horizontal	PASS
4	7236.1694	32.41	2.58	34.99	54.00	19.01	150	142	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4823.4729	45.52	-1.17	44.35	74.00	29.65	150	107	PK	Vertical	PASS
2	7236.1694	41.73	2.58	44.31	74.00	29.69	150	30	PK	Vertical	PASS
3	4827.6731	35.77	-1.18	34.59	54.00	19.41	150	36	AV	Vertical	PASS
4	7236.1694	32.47	2.58	35.05	54.00	18.95	150	31	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

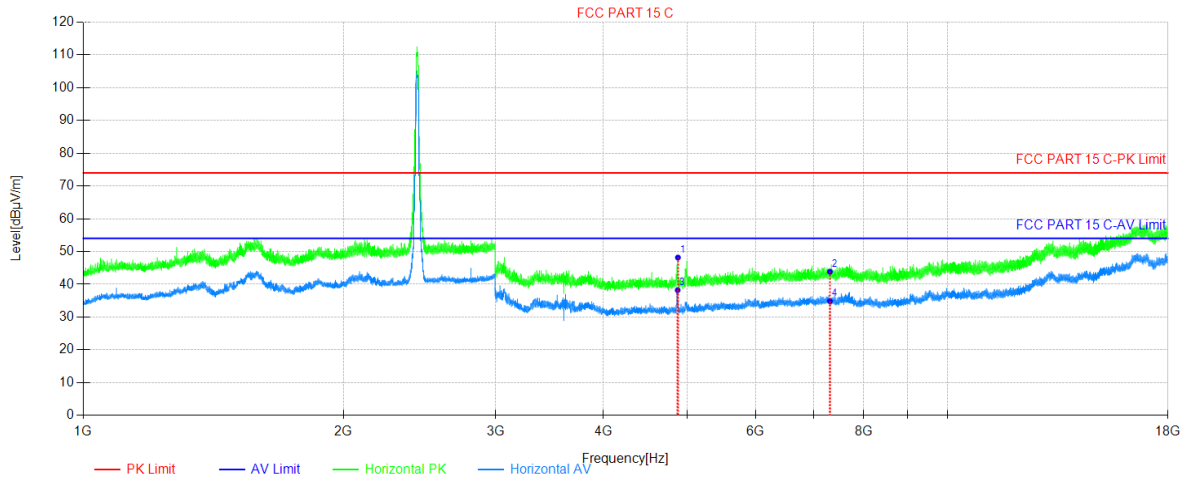
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 0_IEEE 802.11g_Channel 6:

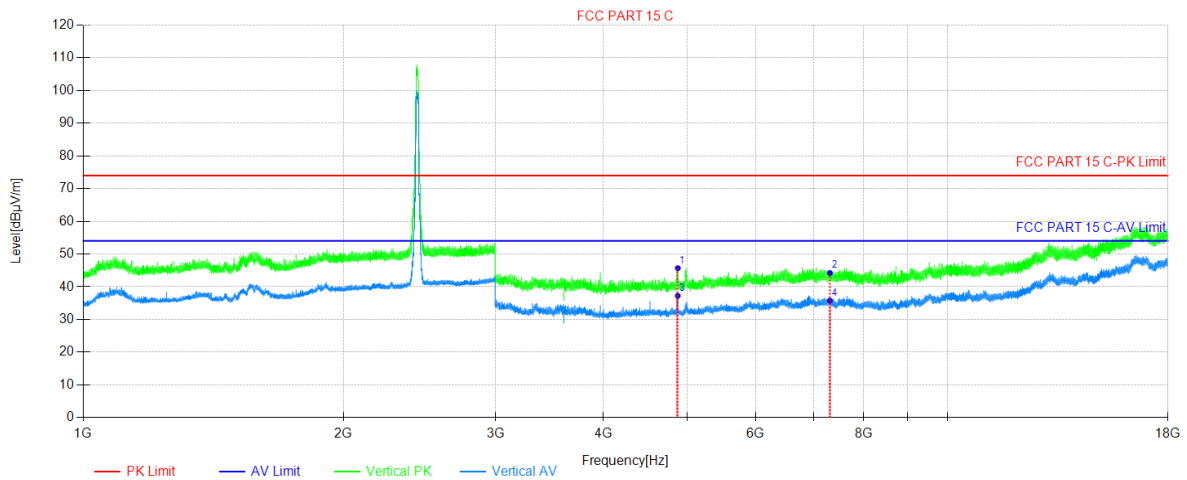
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4876.8751	49.93	-1.75	48.18	74.00	25.82	150	50	PK	Horizontal	PASS
2	7311.1724	41.50	2.35	43.85	74.00	30.15	150	66	PK	Horizontal	PASS
3	4873.2749	39.95	-1.71	38.24	54.00	15.76	150	92	AV	Horizontal	PASS
4	7311.1724	32.52	2.35	34.87	54.00	19.13	150	30	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4875.075	47.42	-1.73	45.69	74.00	28.31	150	48	PK	Vertical	PASS
2	7311.1724	41.87	2.35	44.22	74.00	29.78	150	30	PK	Vertical	PASS
3	4874.475	38.96	-1.72	37.24	54.00	16.76	150	48	AV	Vertical	PASS
4	7311.1724	33.41	2.35	35.76	54.00	18.24	150	48	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

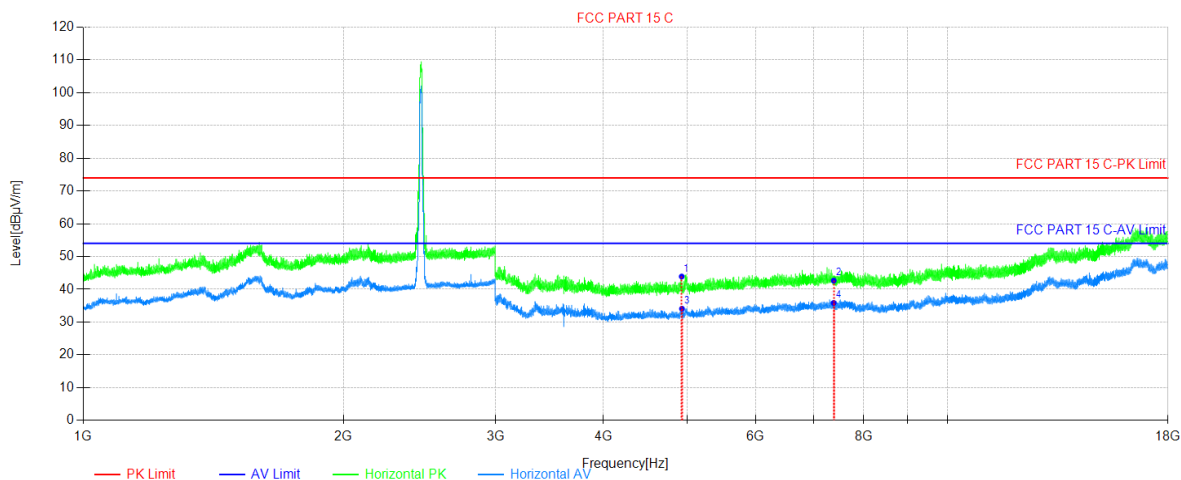
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 0_IEEE 802.11g_Channel 11:

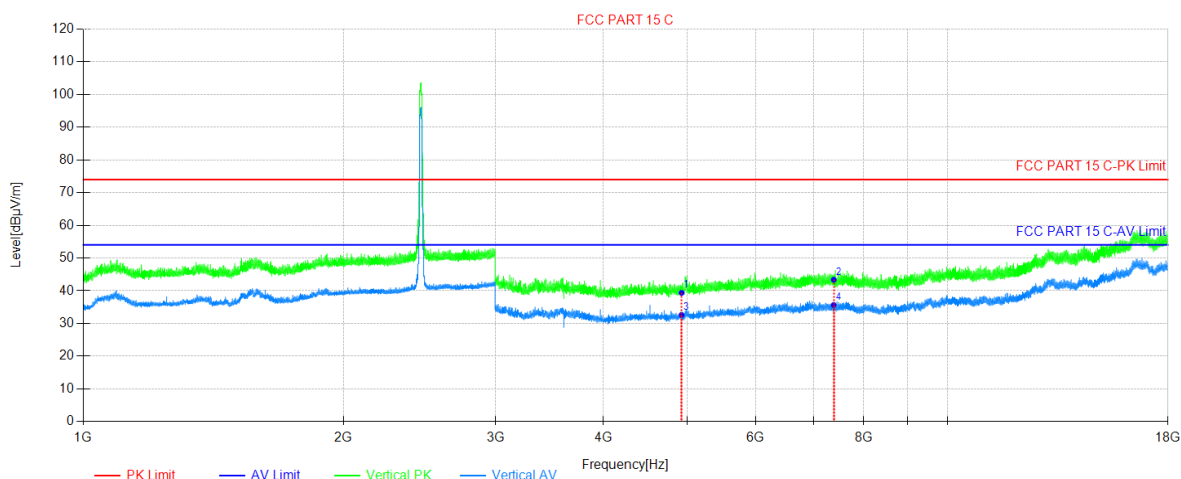
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4926.077	45.49	-1.57	43.92	74.00	30.08	150	40	PK	Horizontal	PASS
2	7386.1754	39.72	2.95	42.67	74.00	31.33	150	148	PK	Horizontal	PASS
3	4929.0772	35.68	-1.59	34.09	54.00	19.91	150	54	AV	Horizontal	PASS
4	7386.1754	32.90	2.95	35.85	54.00	18.15	150	179	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	40.94	-1.57	39.37	74.00	34.63	150	80	PK	Vertical	PASS
2	7386.1754	40.45	2.95	43.40	74.00	30.60	150	121	PK	Vertical	PASS
3	4924.277	34.21	-1.57	32.64	54.00	21.36	150	149	AV	Vertical	PASS
4	7386.1754	32.72	2.95	35.67	54.00	18.33	150	172	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

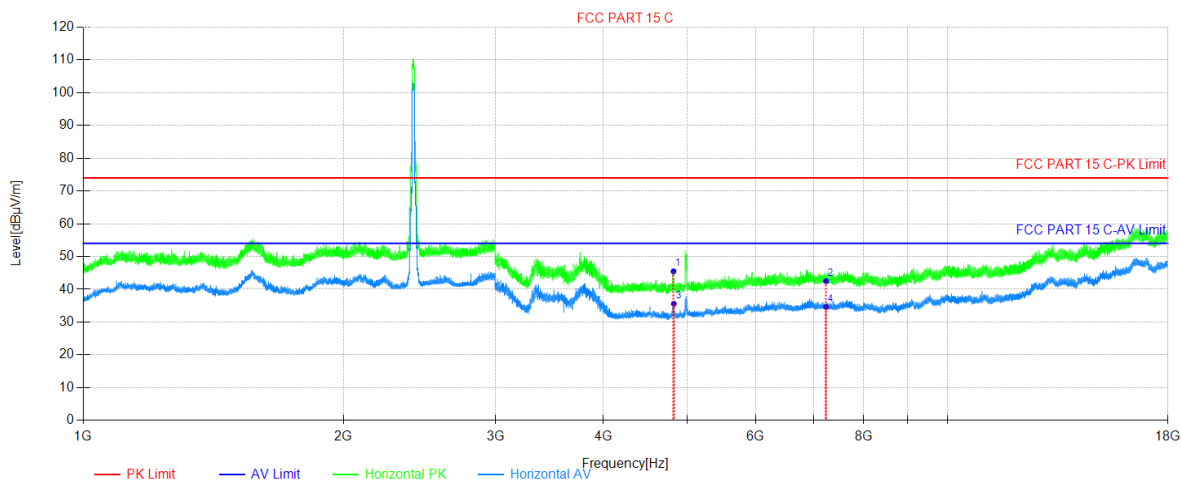
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11g_Channel 1:

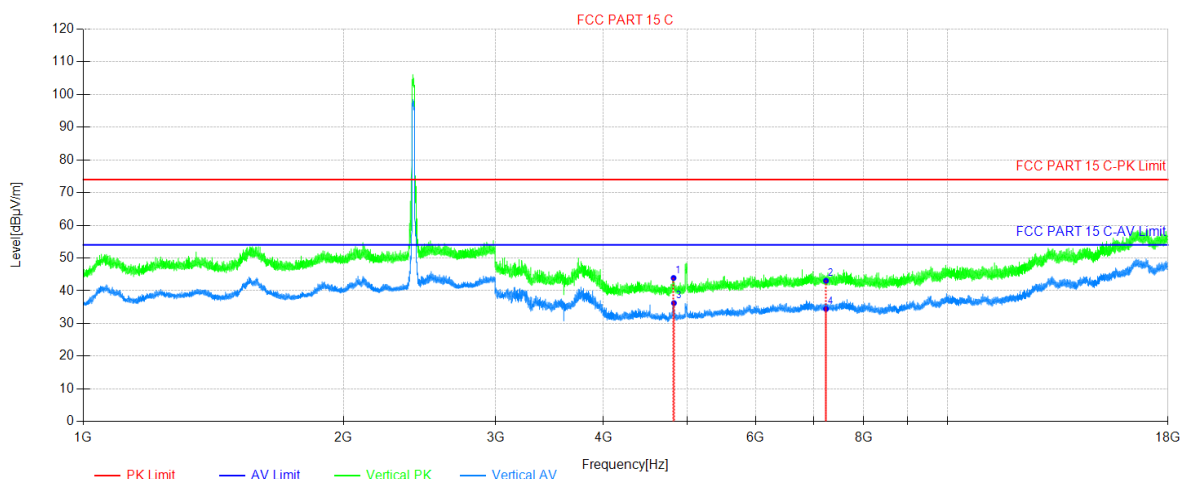
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4819.2728	46.62	-1.12	45.50	74.00	28.50	150	113	PK	Horizontal	PASS
2	7236.1694	39.93	2.58	42.51	74.00	31.49	150	252	PK	Horizontal	PASS
3	4824.073	36.78	-1.18	35.60	54.00	18.40	150	113	AV	Horizontal	PASS
4	7236.1694	32.07	2.58	34.65	54.00	19.35	150	226	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4820.4728	45.05	-1.13	43.92	74.00	30.08	150	87	PK	Vertical	PASS
2	7236.1694	40.49	2.58	43.07	74.00	30.93	150	320	PK	Vertical	PASS
3	4825.273	37.44	-1.19	36.25	54.00	17.75	150	101	AV	Vertical	PASS
4	7236.1694	31.86	2.58	34.44	54.00	19.56	150	87	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

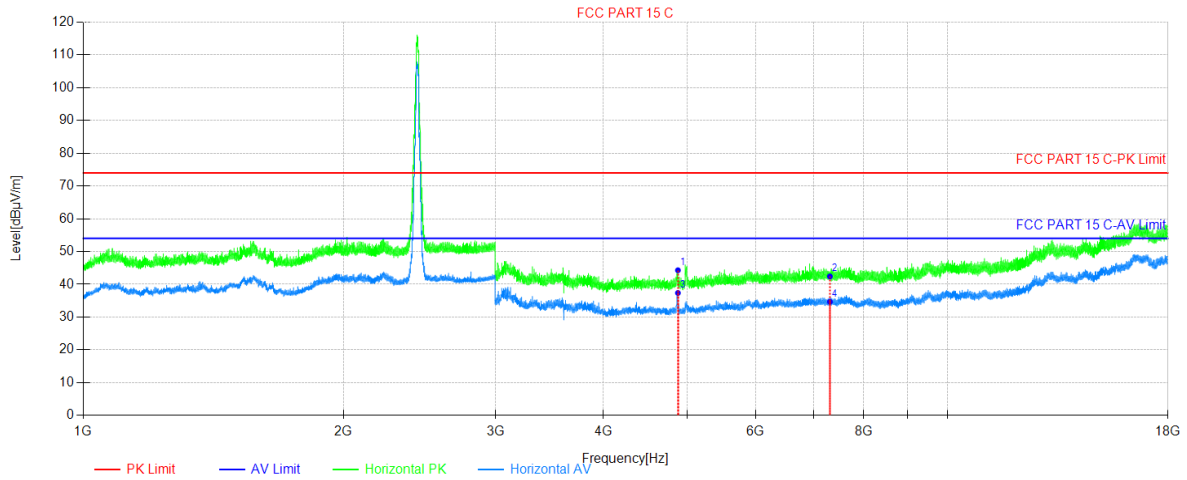
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11g_Channel 6:

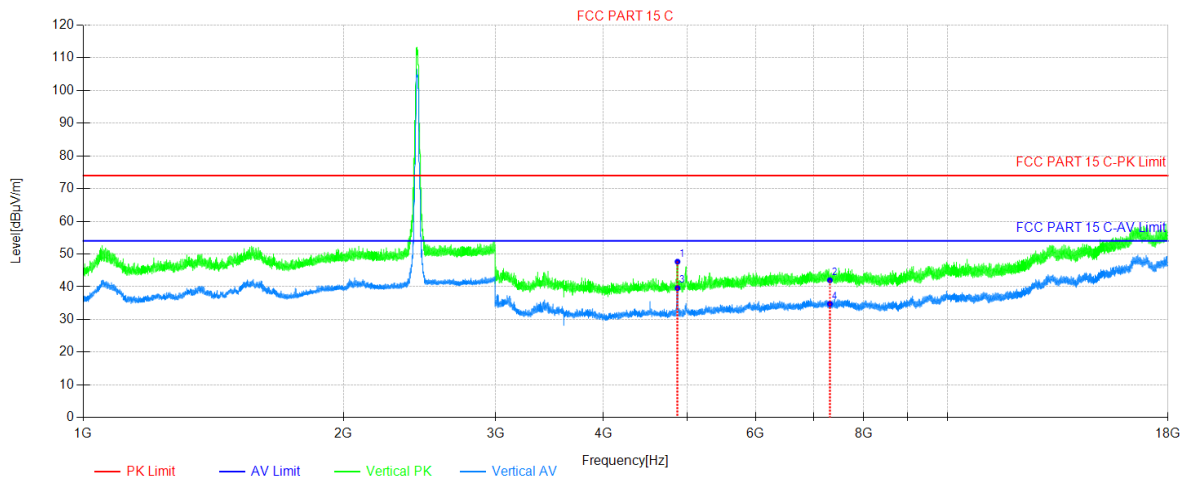
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4876.8751	46.04	-1.75	44.29	74.00	29.71	150	127	PK	Horizontal	PASS
2	7311.1724	40.07	2.35	42.42	74.00	31.58	150	170	PK	Horizontal	PASS
3	4876.8751	39.12	-1.75	37.37	54.00	16.63	150	127	AV	Horizontal	PASS
4	7311.1724	32.35	2.35	34.70	54.00	19.30	150	156	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4871.4749	49.36	-1.69	47.67	74.00	26.33	150	89	PK	Vertical	PASS
2	7311.1724	39.66	2.35	42.01	74.00	31.99	150	62	PK	Vertical	PASS
3	4871.4749	41.32	-1.69	39.63	54.00	14.37	150	101	AV	Vertical	PASS
4	7311.1724	32.44	2.35	34.79	54.00	19.21	150	30	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

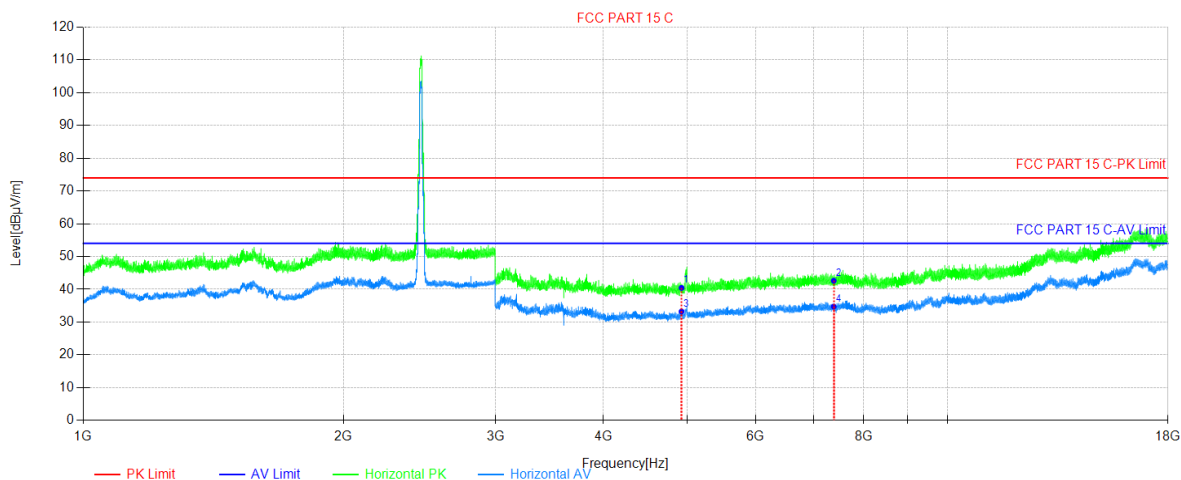
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 1_ IEEE 802.11g_Channel 11:

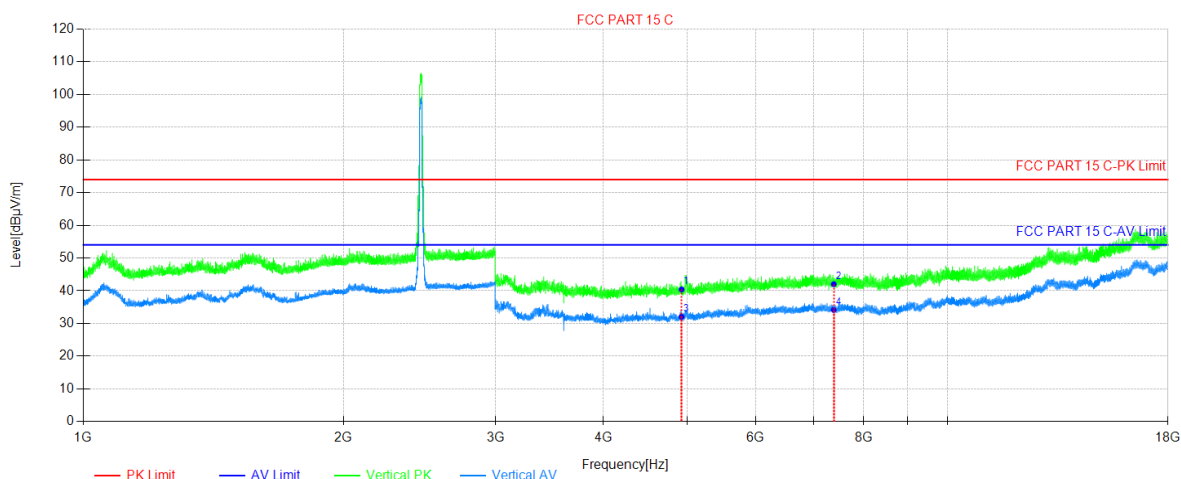
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	42.02	-1.57	40.45	74.00	33.55	150	116	PK	Horizontal	PASS
2	7386.1754	39.69	2.95	42.64	74.00	31.36	150	180	PK	Horizontal	PASS
3	4924.277	34.82	-1.57	33.25	54.00	20.75	150	89	AV	Horizontal	PASS
4	7386.1754	31.79	2.95	34.74	54.00	19.26	150	130	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	41.98	-1.57	40.41	74.00	33.59	150	155	PK	Vertical	PASS
2	7386.1754	39.06	2.95	42.01	74.00	31.99	150	74	PK	Vertical	PASS
3	4924.277	33.64	-1.57	32.07	54.00	21.93	150	100	AV	Vertical	PASS
4	7386.1754	31.20	2.95	34.15	54.00	19.85	150	37	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

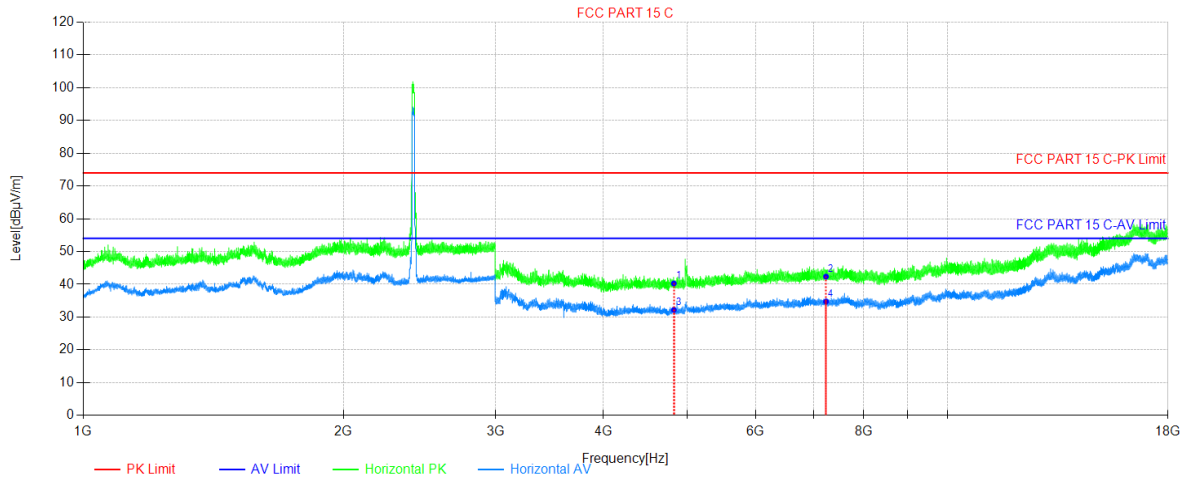
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 2_IEEE 802.11g_Channel 1:

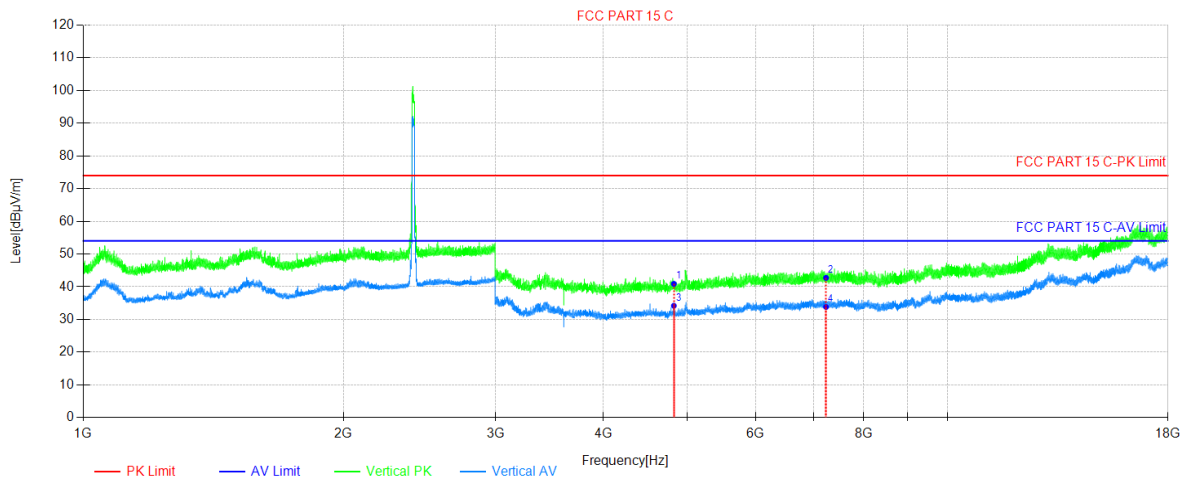
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	41.45	-1.18	40.27	74.00	33.73	150	73	PK	Horizontal	PASS
2	7236.1694	39.78	2.58	42.36	74.00	31.64	150	30	PK	Horizontal	PASS
3	4824.673	33.40	-1.19	32.21	54.00	21.79	150	73	AV	Horizontal	PASS
4	7236.1694	32.16	2.58	34.74	54.00	19.26	150	30	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	42.08	-1.18	40.90	74.00	33.10	150	101	PK	Vertical	PASS
2	7236.1694	40.15	2.58	42.73	74.00	31.27	150	169	PK	Vertical	PASS
3	4824.073	35.39	-1.18	34.21	54.00	19.79	150	169	AV	Vertical	PASS
4	7236.1694	31.26	2.58	33.84	54.00	20.16	150	31	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

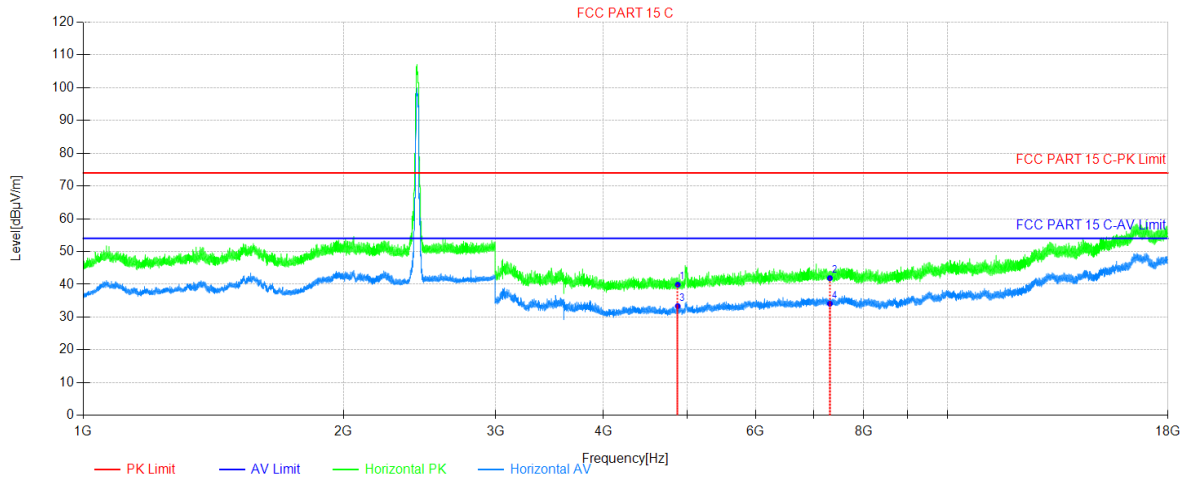
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 2_ IEEE 802.11g_Channel 6:

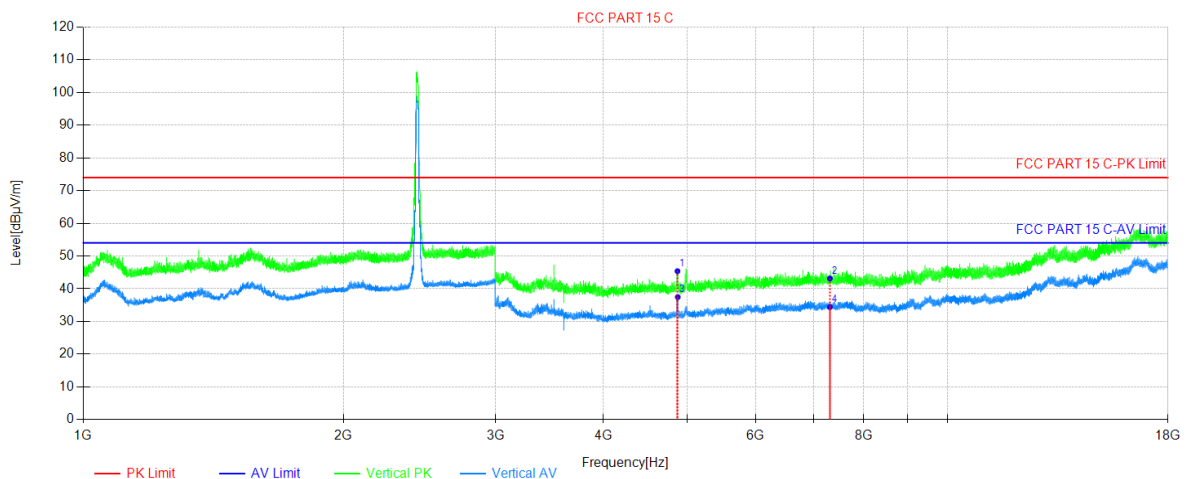
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4874.475	41.63	-1.72	39.91	74.00	34.09	150	157	PK	Horizontal	PASS
2	7311.1724	39.55	2.35	41.90	74.00	32.10	150	170	PK	Horizontal	PASS
3	4874.475	35.09	-1.72	33.37	54.00	20.63	150	157	AV	Horizontal	PASS
4	7311.1724	31.74	2.35	34.09	54.00	19.91	150	31	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4870.8748	47.07	-1.68	45.39	74.00	28.61	150	156	PK	Vertical	PASS
2	7311.1724	40.80	2.35	43.15	74.00	30.85	150	30	PK	Vertical	PASS
3	4874.475	39.19	-1.72	37.47	54.00	16.53	150	169	AV	Vertical	PASS
4	7311.1724	32.10	2.35	34.45	54.00	19.55	150	180	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

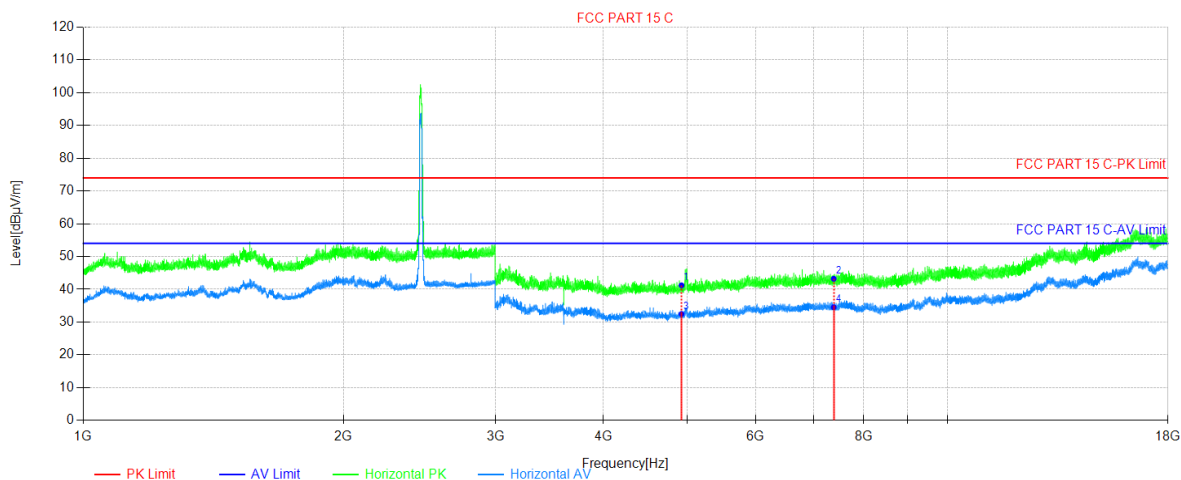
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 2_ IEEE 802.11g_Channel 11:

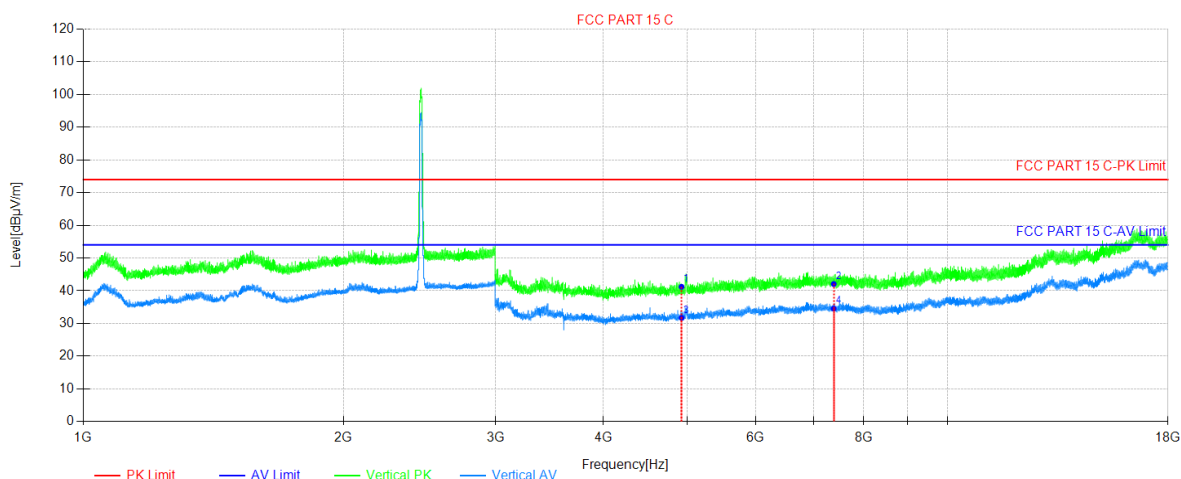
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	42.79	-1.57	41.22	74.00	32.78	150	32	PK	Horizontal	PASS
2	7386.1754	40.28	2.95	43.23	74.00	30.77	150	61	PK	Horizontal	PASS
3	4924.277	34.07	-1.57	32.50	54.00	21.50	150	31	AV	Horizontal	PASS
4	7386.1754	31.61	2.95	34.56	54.00	19.44	150	30	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	42.80	-1.57	41.23	74.00	32.77	150	170	PK	Vertical	PASS
2	7386.1754	39.12	2.95	42.07	74.00	31.93	150	30	PK	Vertical	PASS
3	4924.277	33.31	-1.57	31.74	54.00	22.26	150	170	AV	Vertical	PASS
4	7386.1754	31.61	2.95	34.56	54.00	19.44	150	170	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

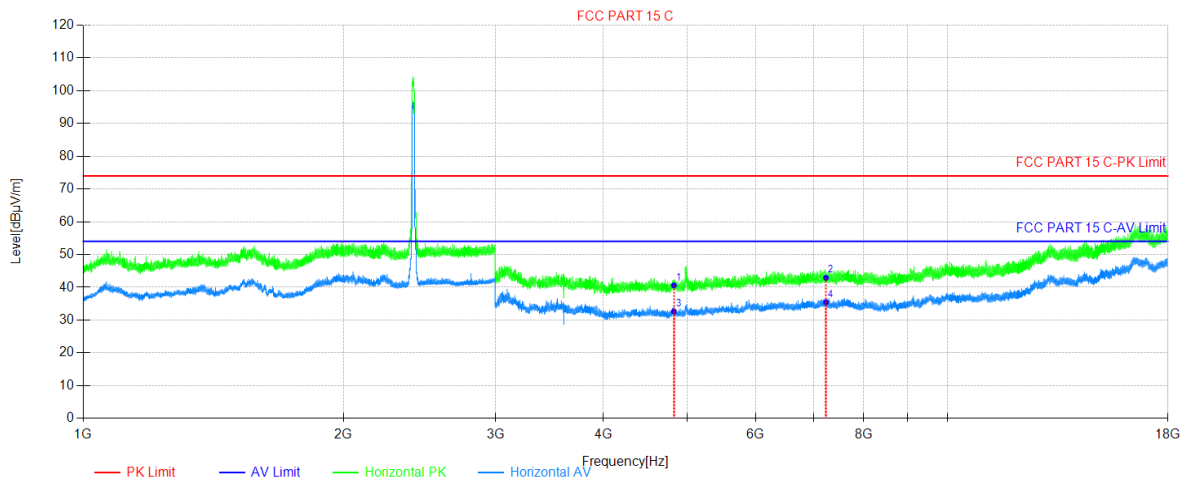
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_IEEE 802.11g_Channel 1:

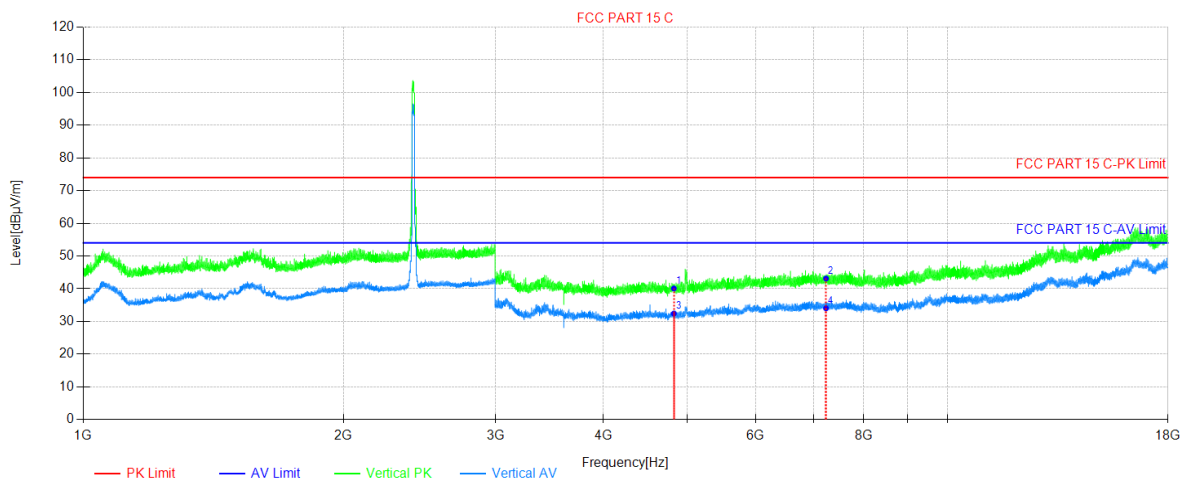
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	41.77	-1.18	40.59	74.00	33.41	150	37	PK	Horizontal	PASS
2	7236.1694	40.34	2.58	42.92	74.00	31.08	150	142	PK	Horizontal	PASS
3	4824.073	33.86	-1.18	32.68	54.00	21.32	150	47	AV	Horizontal	PASS
4	7236.1694	32.91	2.58	35.49	54.00	18.51	150	115	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	41.28	-1.18	40.10	74.00	33.90	150	59	PK	Vertical	PASS
2	7236.1694	40.56	2.58	43.14	74.00	30.86	150	129	PK	Vertical	PASS
3	4824.073	33.61	-1.18	32.43	54.00	21.57	150	155	AV	Vertical	PASS
4	7236.1694	31.45	2.58	34.03	54.00	19.97	150	88	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

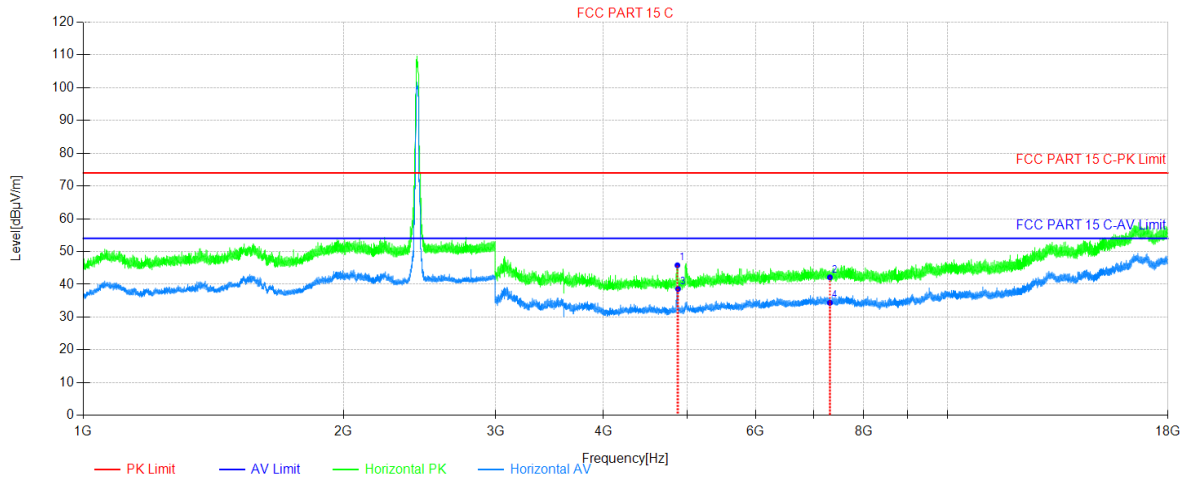
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_ IEEE 802.11g_Channel 6:

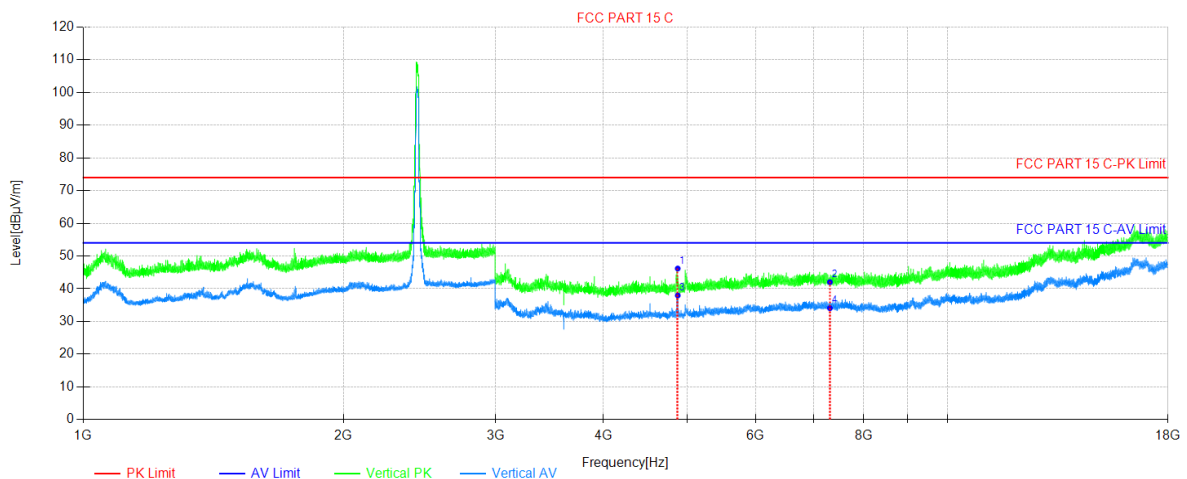
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4870.2748	47.49	-1.68	45.81	74.00	28.19	150	43	PK	Horizontal	PASS
2	7311.1724	39.79	2.35	42.14	74.00	31.86	150	30	PK	Horizontal	PASS
3	4878.0751	40.35	-1.76	38.59	54.00	15.41	150	55	AV	Horizontal	PASS
4	7311.1724	32.01	2.35	34.36	54.00	19.64	150	170	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4873.875	47.92	-1.72	46.20	74.00	27.80	150	46	PK	Vertical	PASS
2	7311.1724	39.70	2.35	42.05	74.00	31.95	150	74	PK	Vertical	PASS
3	4874.475	39.70	-1.72	37.98	54.00	16.02	150	59	AV	Vertical	PASS
4	7311.1724	31.73	2.35	34.08	54.00	19.92	150	100	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

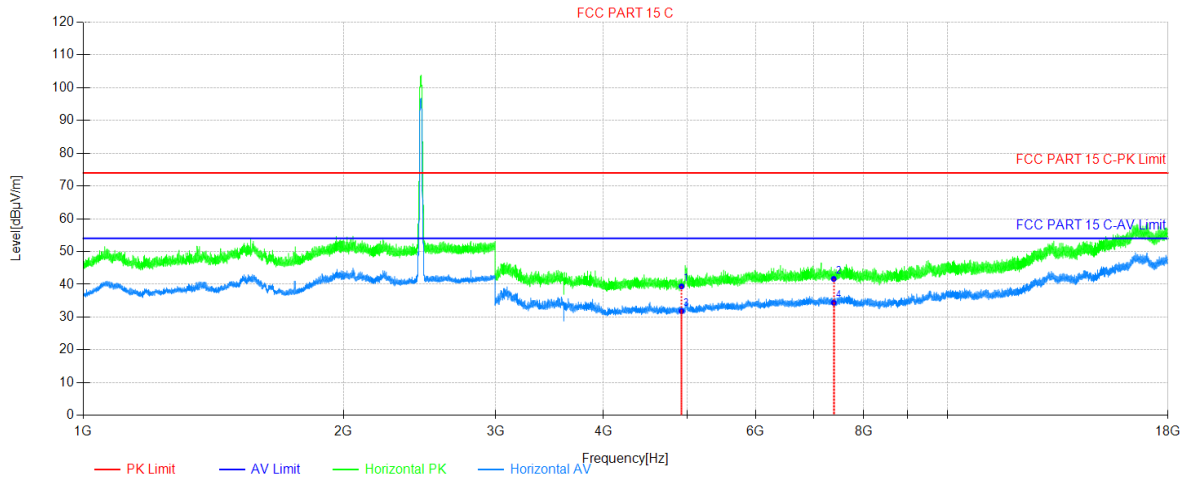
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_IEEE 802.11g_Channel 11:

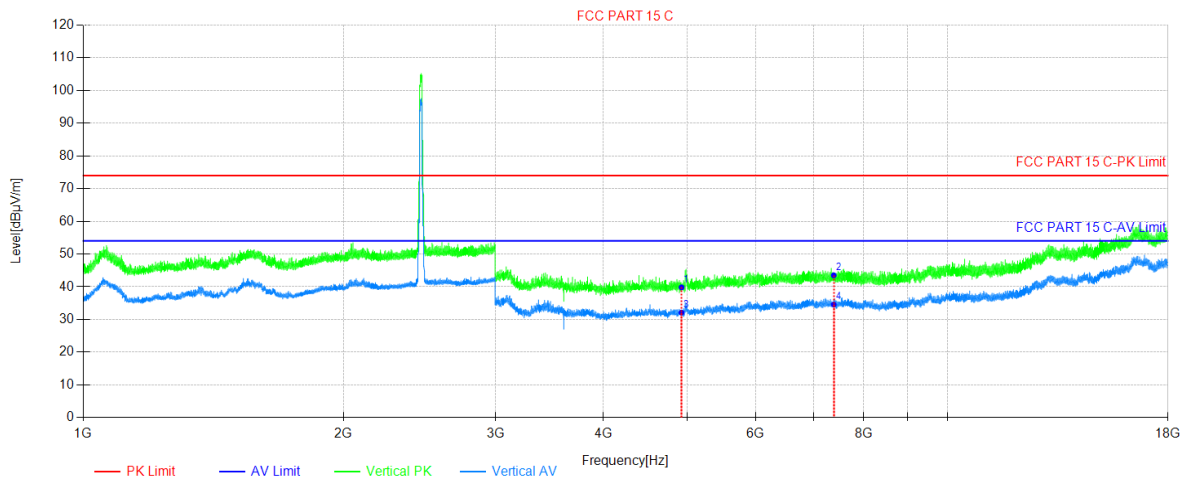
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	40.96	-1.57	39.39	74.00	34.61	150	65	PK	Horizontal	PASS
2	7386.1754	38.72	2.95	41.67	74.00	32.33	150	134	PK	Horizontal	PASS
3	4924.277	33.39	-1.57	31.82	54.00	22.18	150	107	AV	Horizontal	PASS
4	7386.1754	31.43	2.95	34.38	54.00	19.62	150	30	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	41.40	-1.57	39.83	74.00	34.17	150	141	PK	Vertical	PASS
2	7386.1754	40.56	2.95	43.51	74.00	30.49	150	67	PK	Vertical	PASS
3	4924.277	33.67	-1.57	32.10	54.00	21.90	150	141	AV	Vertical	PASS
4	7386.1754	31.64	2.95	34.59	54.00	19.41	150	169	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

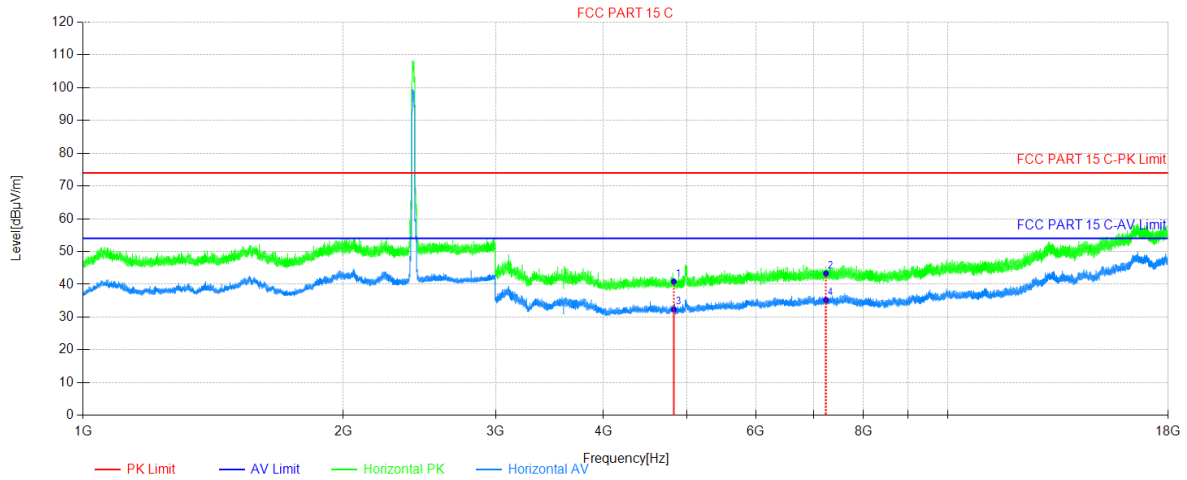
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_IEEE 802.11n-HT20_Channel 1:

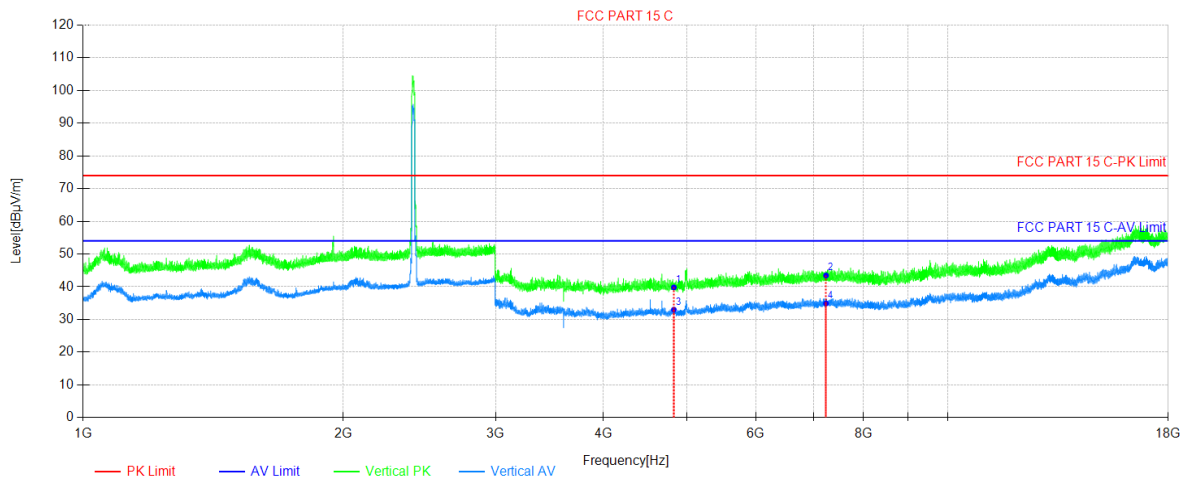
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	42.04	-1.18	40.86	74.00	33.14	150	59	PK	Horizontal	PASS
2	7236.1694	40.75	2.58	43.33	74.00	30.67	150	100	PK	Horizontal	PASS
3	4824.073	33.50	-1.18	32.32	54.00	21.68	150	46	AV	Horizontal	PASS
4	7236.1694	32.68	2.58	35.26	54.00	18.74	150	37	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4824.073	41.00	-1.18	39.82	74.00	34.18	150	127	PK	Vertical	PASS
2	7236.1694	40.87	2.58	43.45	74.00	30.55	150	46	PK	Vertical	PASS
3	4824.073	34.19	-1.18	33.01	54.00	20.99	150	170	AV	Vertical	PASS
4	7236.1694	32.32	2.58	34.90	54.00	19.10	150	46	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

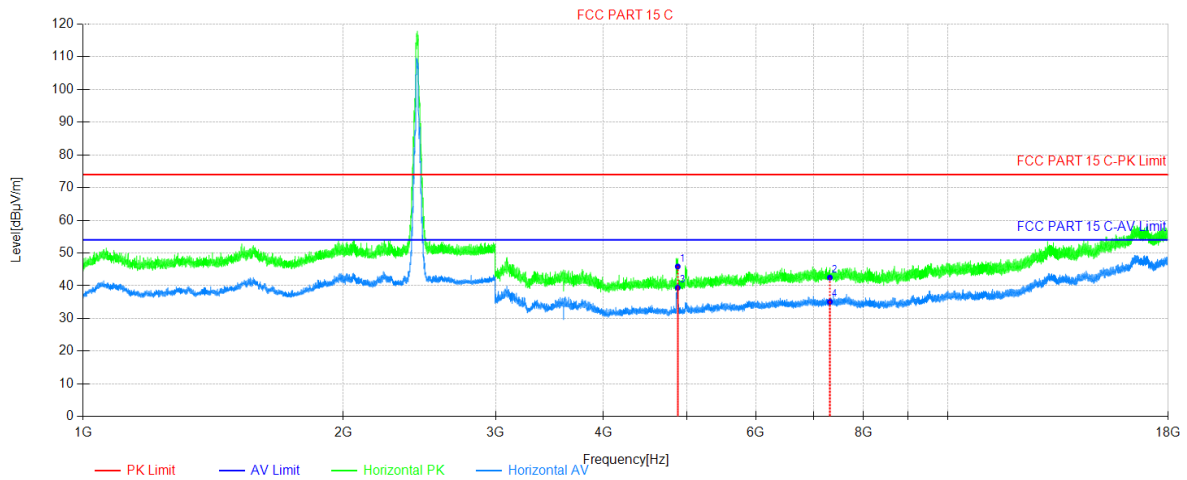
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT20_Channel 6:

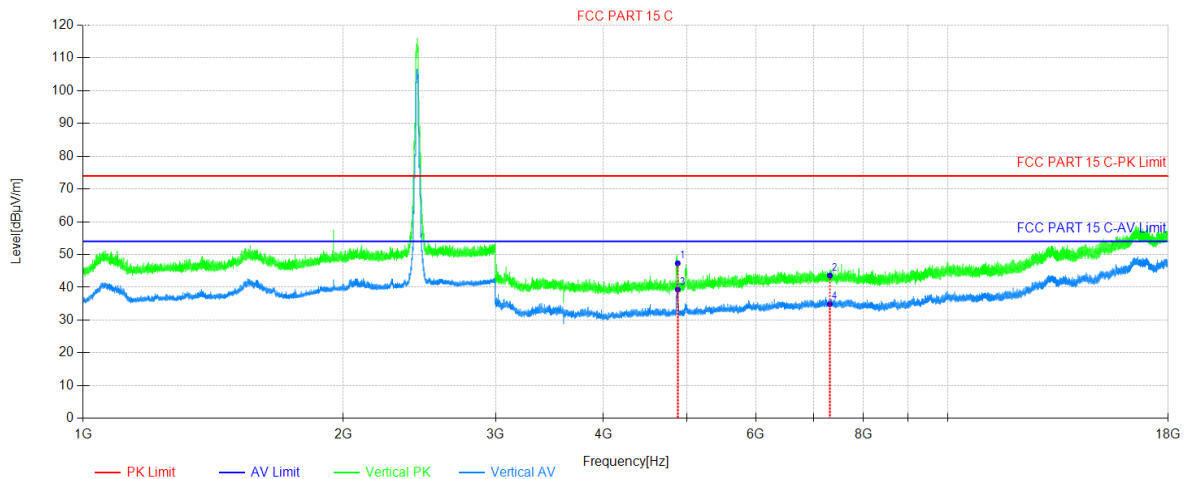
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4874.475	47.61	-1.72	45.89	74.00	28.11	150	86	PK	Horizontal	PASS
2	7311.1724	40.18	2.35	42.53	74.00	31.47	150	115	PK	Horizontal	PASS
3	4874.475	41.11	-1.72	39.39	54.00	14.61	150	46	AV	Horizontal	PASS
4	7311.1724	32.74	2.35	35.09	54.00	18.91	150	156	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4874.475	49.05	-1.72	47.33	74.00	26.67	150	180	PK	Vertical	PASS
2	7311.1724	41.25	2.35	43.60	74.00	30.40	150	30	PK	Vertical	PASS
3	4874.475	41.03	-1.72	39.31	54.00	14.69	150	156	AV	Vertical	PASS
4	7311.1724	32.52	2.35	34.87	54.00	19.13	150	86	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

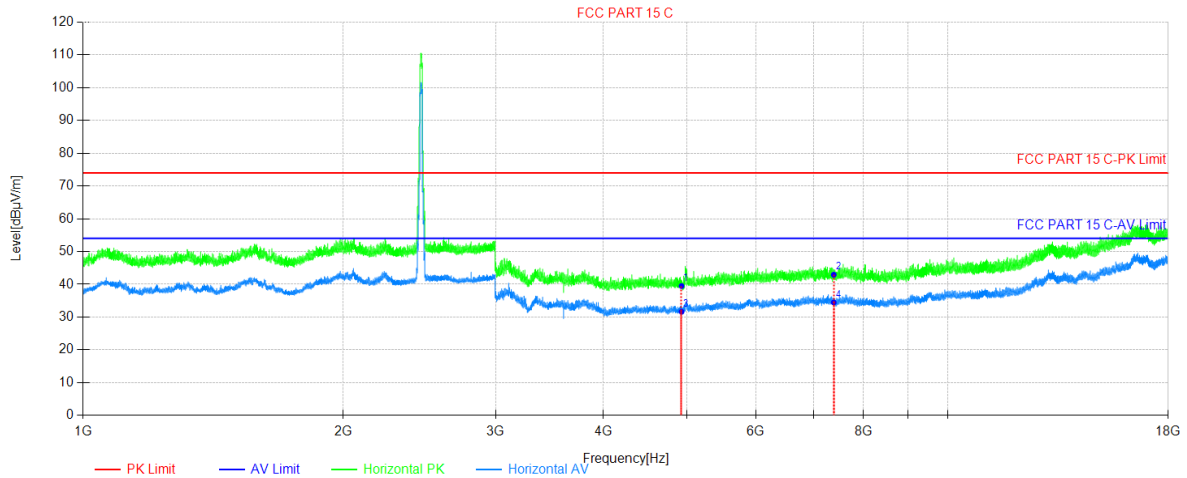
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT20_Channel 11:

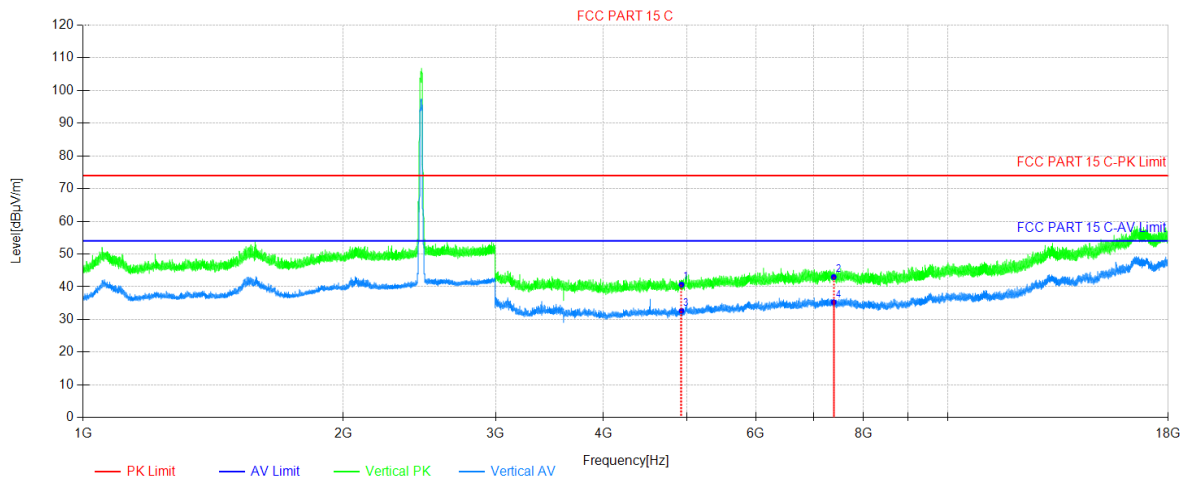
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	41.06	-1.57	39.49	74.00	34.51	150	37	PK	Horizontal	PASS
2	7386.1754	39.98	2.95	42.93	74.00	31.07	150	170	PK	Horizontal	PASS
3	4924.277	33.22	-1.57	31.65	54.00	22.35	150	30	AV	Horizontal	PASS
4	7386.1754	31.53	2.95	34.48	54.00	19.52	150	180	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4924.277	42.23	-1.57	40.66	74.00	33.34	150	73	PK	Vertical	PASS
2	7386.1754	40.04	2.95	42.99	74.00	31.01	150	167	PK	Vertical	PASS
3	4924.277	34.21	-1.57	32.64	54.00	21.36	150	180	AV	Vertical	PASS
4	7386.1754	32.34	2.95	35.29	54.00	18.71	150	30	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

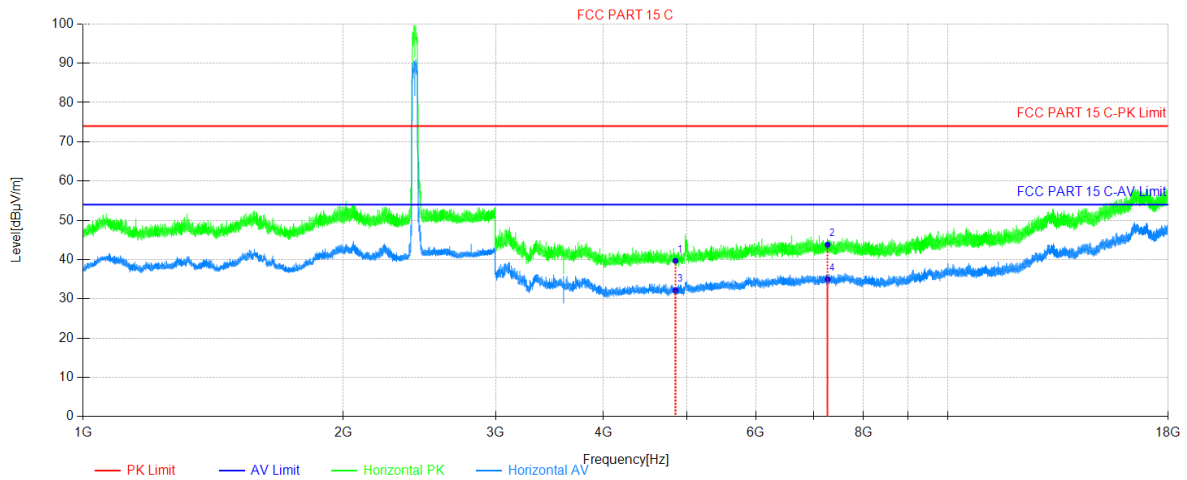
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT40_Channel 3:

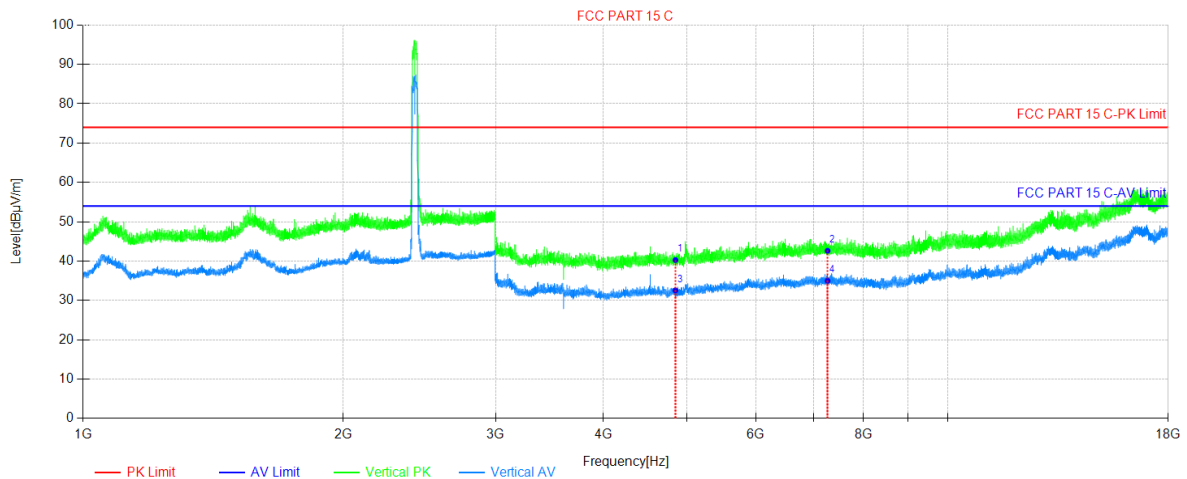
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4844.4738	40.94	-1.24	39.70	74.00	34.30	150	157	PK	Horizontal	PASS
2	7266.1706	41.09	2.71	43.80	74.00	30.20	150	101	PK	Horizontal	PASS
3	4844.4738	33.46	-1.24	32.22	54.00	21.78	150	101	AV	Horizontal	PASS
4	7266.1706	32.29	2.71	35.00	54.00	19.00	150	30	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4844.4738	41.52	-1.24	40.28	74.00	33.72	150	58	PK	Vertical	PASS
2	7266.1706	39.92	2.71	42.63	74.00	31.37	150	32	PK	Vertical	PASS
3	4844.4738	33.80	-1.24	32.56	54.00	21.44	150	30	AV	Vertical	PASS
4	7266.1706	32.29	2.71	35.00	54.00	19.00	150	101	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

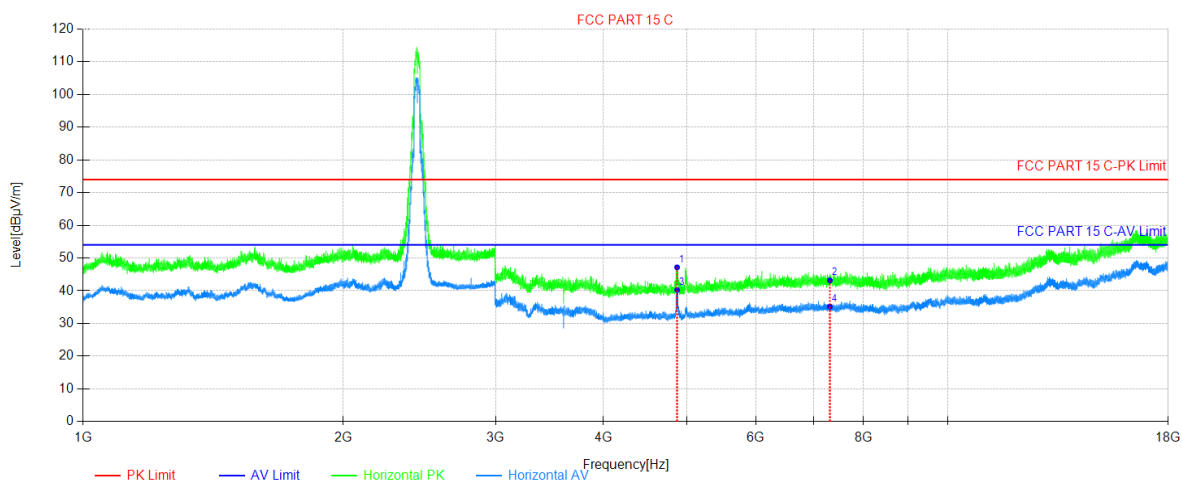
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT40_Channel 6:

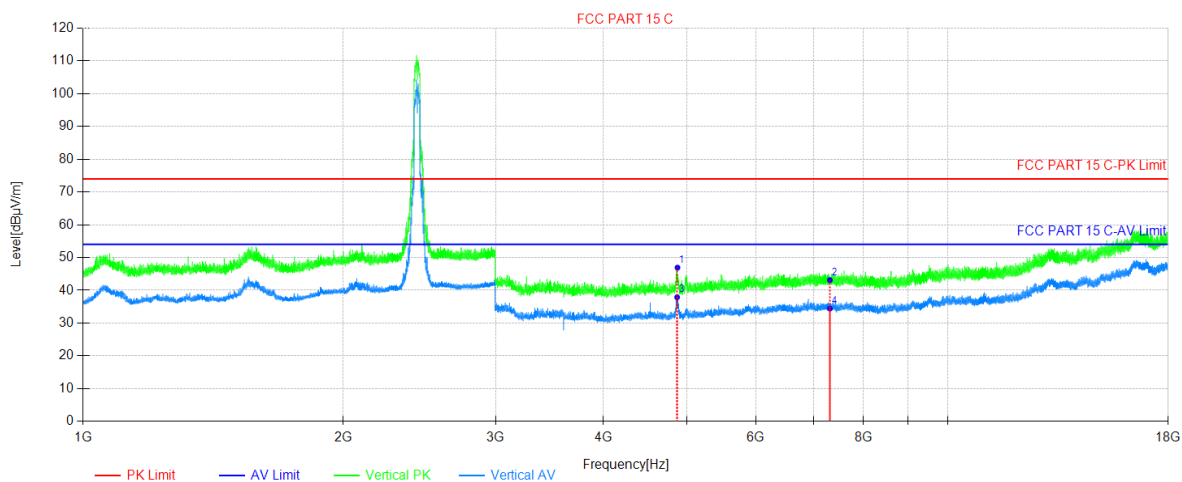
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4865.4746	48.78	-1.62	47.16	74.00	26.84	150	86	PK	Horizontal	PASS
2	7311.1724	40.82	2.35	43.17	74.00	30.83	150	86	PK	Horizontal	PASS
3	4866.0746	41.87	-1.63	40.24	54.00	13.76	150	86	AV	Horizontal	PASS
4	7311.1724	32.83	2.35	35.18	54.00	18.82	150	154	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4870.8748	48.61	-1.68	46.93	74.00	27.07	150	74	PK	Vertical	PASS
2	7311.1724	40.79	2.35	43.14	74.00	30.86	150	170	PK	Vertical	PASS
3	4866.0746	39.53	-1.63	37.90	54.00	16.10	150	170	AV	Vertical	PASS
4	7311.1724	32.08	2.35	34.43	54.00	19.57	150	143	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.247-V1.2