FCC REPORT

Applicant:	TECNO MOBILE LIMITED
Address of Applicant:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT

Equipment Under Test (EUT)

Product Name:	Router
Model No.:	TR660
Trade mark:	TECNO
FCC ID:	2ADYY-TR660
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	27 Jul., 2021
Date of Test:	27 Jul., to 26 Aug., 2021
Date of report issued:	26 Aug., 2021
Test Result:	PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Bruce Zhang
Laboratory Manager

2 Version

Version No.	Date	Description
00	*26 Aug., 2021*	*Original*

Tested by: Mike.ou ***Date:*** *26 Aug., 2021*

Test Engineer

Reviewed by: Winner Zhang ***Date:*** *26 Aug., 2021*

Project Engineer

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4 Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission	Part 15.107	Pass
Radiated Emission	Part 15.109	Pass

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.

2. N/A: The EUT not applicable of the test item.

Test Method:	*ANSI C63.4:2014*

5 General Information

5.1 Client Information

Applicant:	TECNO MOBILE LIMITED
Address:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT
Manufacturer:	TECNO MOBILE LIMITED
Address:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT
Factory :	SHENZHEN TECNO TECHNOLOGY CO.,LTD.
Address:	101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China

5.2 General Description of E.U.T.

Product Name:	Router
Model No.:	TR660
AC adapter:	Adapter (1) Model: KL-WA120150-D Input: AC100-240V, 50/60Hz, 0.7A Output: DC 12.0V, 1.5A Adapter (2) Model: KL-WA120150-M Input: AC100-240V, 50/60Hz, 0.7A Output: DC 12.0V, 1.5A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

5.3 Test Mode and test samples plans

Operating mode	Detail description
Working mode	Keep the EUT in Working mode(worst case for Conducted Emission)

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

Test Samples Plans :

Samples Number	Used for Test Items
1#	Conducted Emission
1#	Radiated Emission
1#	EUT constructional details

Remark: *JianYan Testing Group Shenzhen Co., Ltd. is only responsible for the test project data of the above samples, and will keep the above samples for a month.*

5.4 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.20 dB (k=2)

5.5 Description of Support Units

Manufacturer	Description	Model	S/N	FCC ID/DoC
Lenovo	PC	ThinkPad E450	PF-OKTSQQ 16/06	DoC

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Description of Cable Used

Cable Type	Description	Length	From	To
N/A				

5.8 Additions to, deviations, or exclusions from the method

No

5.9 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.10 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info-JYTee@lets.com, Website: http://www.ccis-cb.com

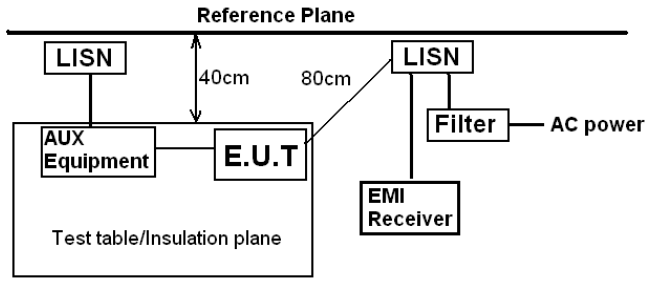
5.11 Test Instruments list

Radiated Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
3m SAC	ETS	9m*6m*6m	966	01-19-2021	01-18-2024
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-07-2020	03-06-2021
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-18-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-18-2020	11-17-2021
EMI Test Software	AUDIX	E3	Version: 6.110919b		
Pre-amplifier	HP	8447D	2944A09358	03-03-2021	03-02-2022
Pre-amplifier	CD	PAP-1G18	11804	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-18-2020	11-17-2021
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-03-2021	03-02-2022
Cable	MICRO-COAX	MFR64639	K10742-5	03-03-2021	03-02-2022
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-03-2021	03-02-2022

Conducted Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-03-2021	03-02-2022
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-03-2021	03-02-2022
LISN	CHASE	MN2050D	1447	03-03-2021	03-02-2022
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	06-18-2021	06-17-2022
Cable	HP	10503A	N/A	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

6 Test results and Measurement Data

6.1 Conducted Emission

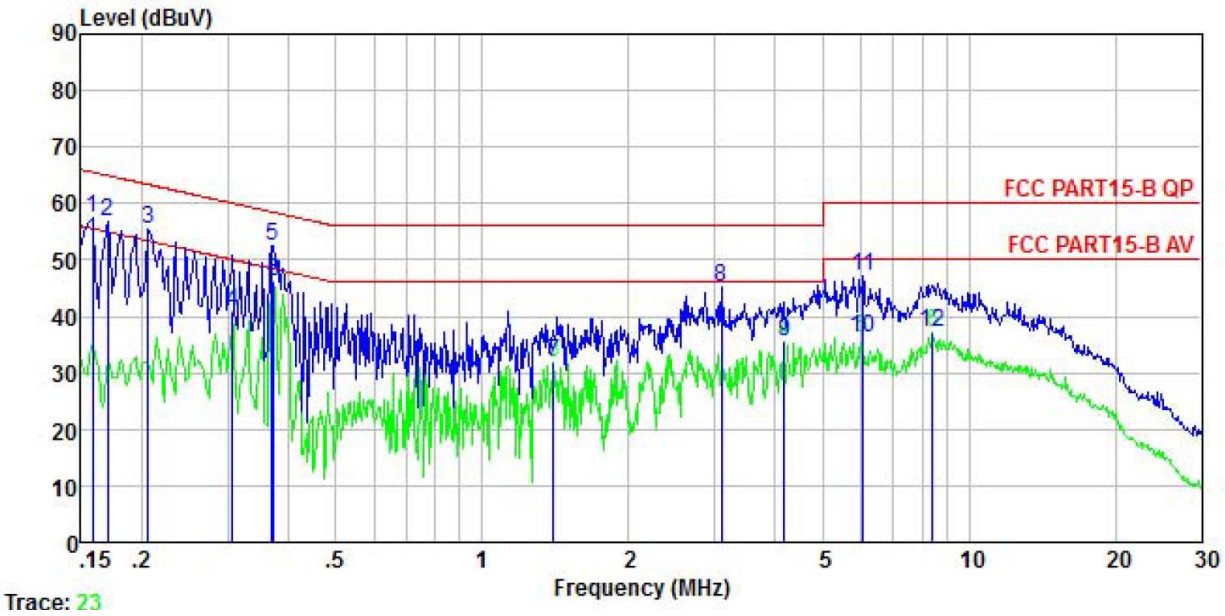
<table>
<tr><td>Test Requirement:</td><td colspan="3">FCC Part 15 B Section 15.107</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="3">150kHz to 30MHz</td></tr>
<tr><td>Class / Severity:</td><td colspan="3">Class B</td></tr>
<tr><td>Receiver setup:</td><td colspan="3">RBW=9kHz, VBW=30kHz</td></tr>
<tr><td>Limit:</td><td rowspan="2">Frequency range (MHz)</td><td colspan="2">Limit (dBµV)</td></tr>
<tr><td>Quasi-peak</td><td>Average</td></tr>
<tr><td></td><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td></td><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td></td><td>0.5-30</td><td>60</td><td>50</td></tr>
<tr><td></td><td colspan="3">* Decreases with the logarithm of the frequency.</td></tr>
<tr><td>Test setup:</td><td colspan="3"> 

Remark:
E.U.T: Equipment Under Test
LISN: Line Impedence Stabilization Network
Test table height=0.8m</td></tr>
<tr><td>Test procedure</td><td colspan="3">1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment.
2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs).
3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement.</td></tr>
<tr><td>Test Instruments:</td><td colspan="3">Refer to section 5.11 for details</td></tr>
<tr><td>Test mode:</td><td colspan="3">Refer to section 5.3 for details</td></tr>
<tr><td>Test results:</td><td colspan="3">Pass</td></tr>
</table>

Measurement data:

Adapter(1)

Product name:	Router	**Product model:**	TR660
Test by:	Mike	**Test mode:**	Working mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 22.5℃ Huni: 55%



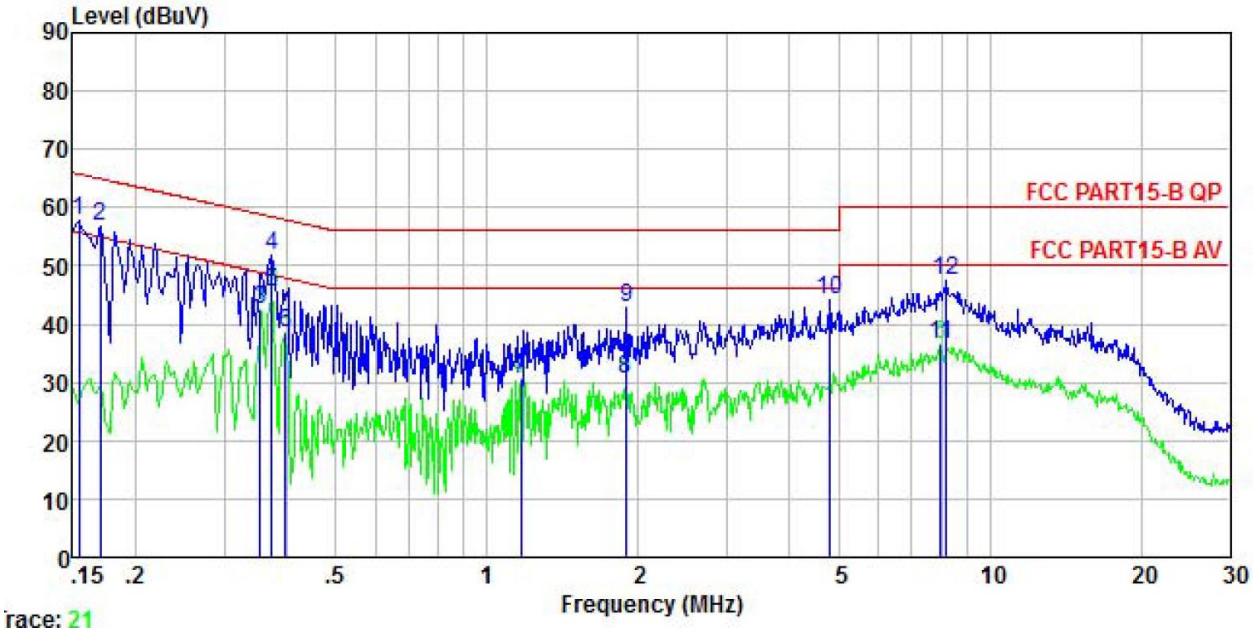
Trace: 23

	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.158	47.25	10.22	-0.07	0.01	57.41	65.56	-8.15	QP
2	0.170	46.56	10.22	-0.10	0.01	56.69	64.94	-8.25	QP
3	0.206	45.42	10.23	-0.17	0.04	55.52	63.36	-7.84	QP
4	0.307	30.61	10.26	-0.20	0.03	40.70	50.06	-9.36	Average
5	0.369	42.03	10.27	0.23	0.03	52.56	58.52	-5.96	QP
6	0.373	35.53	10.27	0.25	0.03	46.08	48.43	-2.35	Average
7	1.403	21.20	10.32	0.08	0.13	31.73	46.00	-14.27	Average
8	3.107	35.04	10.35	-0.19	0.07	45.27	56.00	-10.73	QP
9	4.180	24.94	10.40	-0.02	0.08	35.40	46.00	-10.60	Average
10	6.024	24.82	10.46	0.76	0.09	36.13	50.00	-13.87	Average
11	6.056	35.91	10.46	0.79	0.09	47.25	60.00	-12.75	QP
12	8.412	24.90	10.55	1.64	0.10	37.19	50.00	-12.81	Average

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Router	Product model:	TR660
Test by:	Mike	Test mode:	Working mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



race: 21

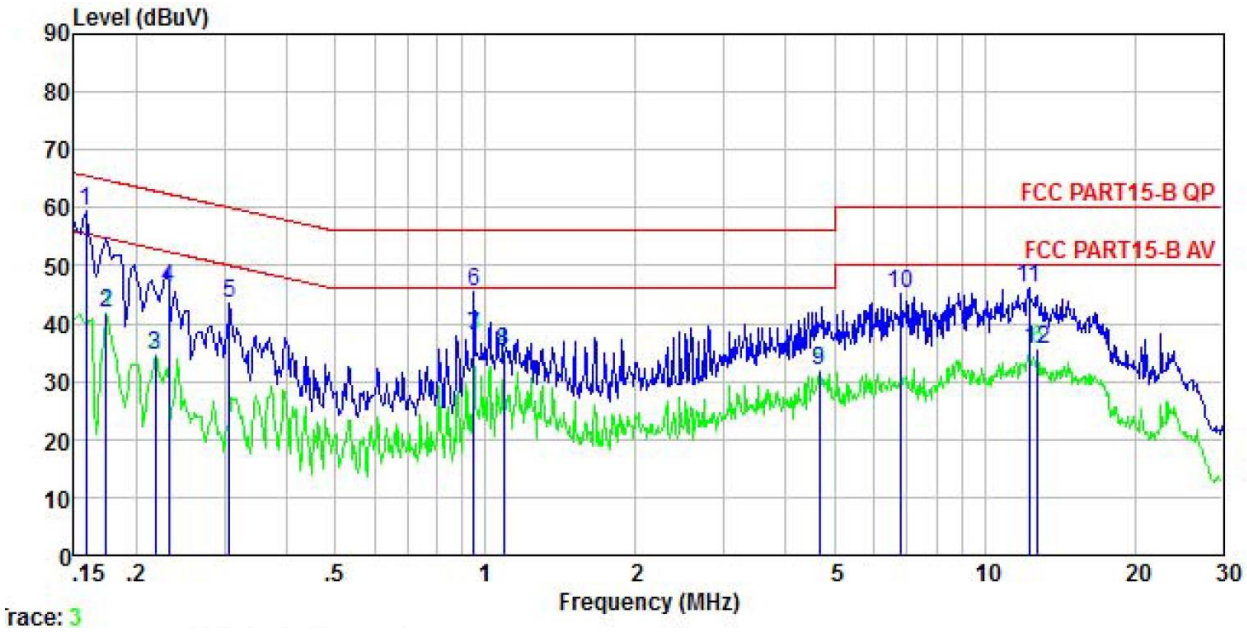
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	47.47	10.19	0.01	0.01	57.68	65.78	-8.10	QP
2	0.170	46.63	10.20	0.01	0.01	56.85	64.94	-8.09	QP
3	0.354	32.16	10.26	-0.03	0.02	42.41	48.87	-6.46	Average
4	0.373	41.51	10.26	-0.04	0.03	51.76	58.43	-6.67	QP
5	0.373	35.22	10.26	-0.04	0.03	45.47	48.43	-2.96	Average
6	0.398	28.36	10.27	-0.06	0.04	38.61	47.90	-9.29	Average
7	1.166	20.10	10.31	0.10	0.09	30.60	46.00	-15.40	Average
8	1.888	19.93	10.32	0.16	0.20	30.61	46.00	-15.39	Average
9	1.898	32.05	10.32	0.16	0.20	42.73	56.00	-13.27	QP
10	4.797	33.19	10.40	0.64	0.09	44.32	56.00	-11.68	QP
11	7.977	24.88	10.52	1.04	0.10	36.54	50.00	-13.46	Average
12	8.192	35.63	10.53	1.08	0.10	47.34	60.00	-12.66	QP

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Adapter(2)

Product name:	Router	**Product model:**	TR660
Test by:	Mike	**Test mode:**	Working mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 22.5℃ Huni: 55%

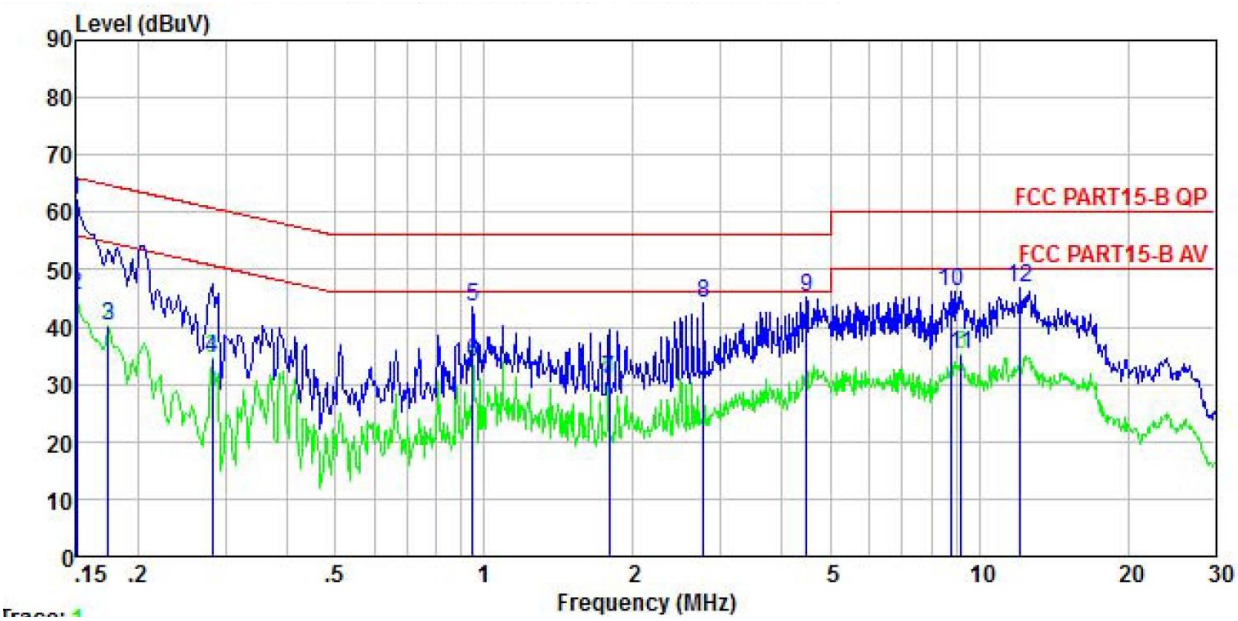


	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.158	49.28	10.12	-0.07	0.01	59.34	65.56	-6.22	QP
2	0.174	31.83	10.13	-0.11	0.01	41.86	54.77	-12.91	Average
3	0.219	24.64	10.16	-0.18	0.03	34.65	52.88	-18.23	Average
4	0.232	36.21	10.17	-0.20	0.02	46.20	62.39	-16.19	QP
5	0.307	33.57	10.22	-0.20	0.03	43.62	60.06	-16.44	QP
6	0.948	34.72	10.47	0.32	0.05	45.56	56.00	-10.44	QP
7	0.948	27.04	10.47	0.32	0.05	37.88	46.00	-8.12	Average
8	1.088	24.32	10.49	0.37	0.07	35.25	46.00	-10.75	Average
9	4.672	20.95	10.65	0.04	0.09	31.73	46.00	-14.27	Average
10	6.805	33.14	10.72	1.21	0.10	45.17	60.00	-14.83	QP
11	12.253	32.27	10.93	2.78	0.10	46.08	60.00	-13.92	QP
12	12.784	21.64	10.96	2.95	0.11	35.66	50.00	-14.34	Average

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Router	Product model:	TR660
Test by:	Mike	Test mode:	Working mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%

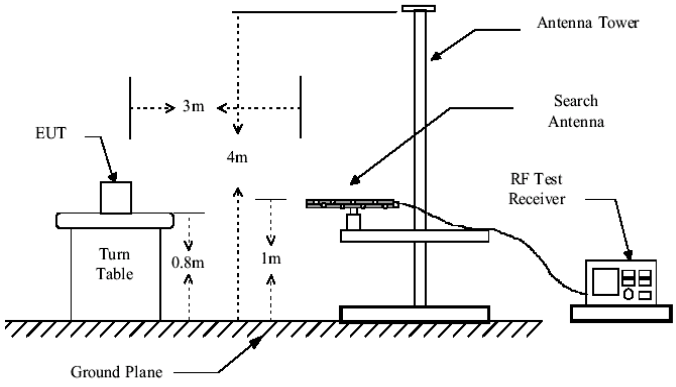


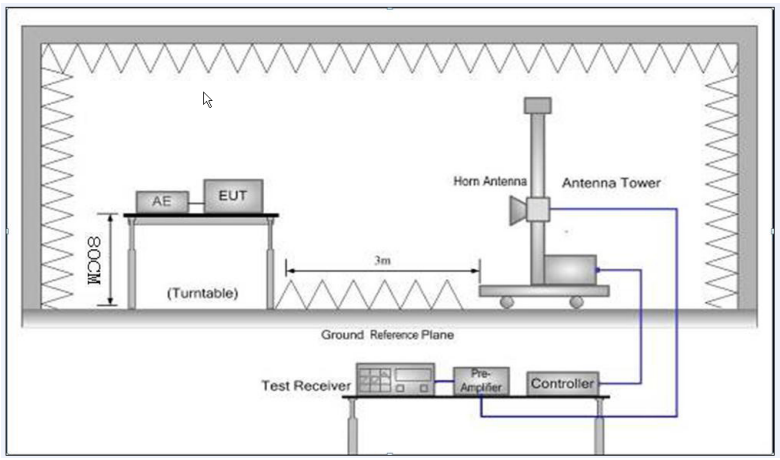
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.150	52.23	9.89	0.01	0.01	62.14	66.00	-3.86	QP
2	0.150	35.59	9.89	0.01	0.01	45.50	56.00	-10.50	Average
3	0.174	30.11	9.91	0.00	0.01	40.03	54.77	-14.74	Average
4	0.282	24.62	10.00	0.01	0.02	34.65	50.76	-16.11	Average
5	0.948	32.84	10.53	0.07	0.05	43.49	56.00	-12.51	QP
6	0.948	23.32	10.53	0.07	0.05	33.97	46.00	-12.03	Average
7	1.790	19.85	10.76	0.16	0.19	30.96	46.00	-15.04	Average
8	2.779	32.83	10.88	0.28	0.10	44.09	56.00	-11.91	QP
9	4.478	33.39	10.99	0.60	0.09	45.07	56.00	-10.93	QP
10	8.776	33.82	11.18	1.18	0.11	46.29	60.00	-13.71	QP
11	9.204	22.68	11.20	1.26	0.11	35.25	50.00	-14.75	Average
12	12.124	33.24	11.30	2.19	0.10	46.83	60.00	-13.17	QP

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

6.2 Radiated Emission

<table>
<tr><td>Test Requirement:</td><td colspan="5">FCC Part 15 B Section 15.109</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="5">30MHz to 6000MHz</td></tr>
<tr><td>Test site:</td><td colspan="5">Measurement Distance: 3m (Semi-Anechoic Chamber)</td></tr>
<tr><td>Receiver setup:</td><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td></td><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak Value</td></tr>
<tr><td></td><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td></td><td>RMS</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr>
<tr><td>Limit:</td><td colspan="2">Frequency</td><td colspan="2">Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td></td><td colspan="2">30MHz-88MHz</td><td colspan="2">40.0</td><td>Quasi-peak Value</td></tr>
<tr><td></td><td colspan="2">88MHz-216MHz</td><td colspan="2">43.5</td><td>Quasi-peak Value</td></tr>
<tr><td></td><td colspan="2">216MHz-960MHz</td><td colspan="2">46.0</td><td>Quasi-peak Value</td></tr>
<tr><td></td><td colspan="2">960MHz-1GHz</td><td colspan="2">54.0</td><td>Quasi-peak Value</td></tr>
<tr><td></td><td colspan="2" rowspan="2">Above 1GHz</td><td colspan="2">54.0</td><td>Average Value</td></tr>
<tr><td></td><td colspan="2">74.0</td><td>Peak Value</td></tr>
<tr><td>Test setup:</td><td colspan="5">Below 1GHz
 

Above 1GHz
 
</td></tr>
<tr><td>Test Procedure:</td><td colspan="5">1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. 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 antenna height 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.</td></tr>
</table>

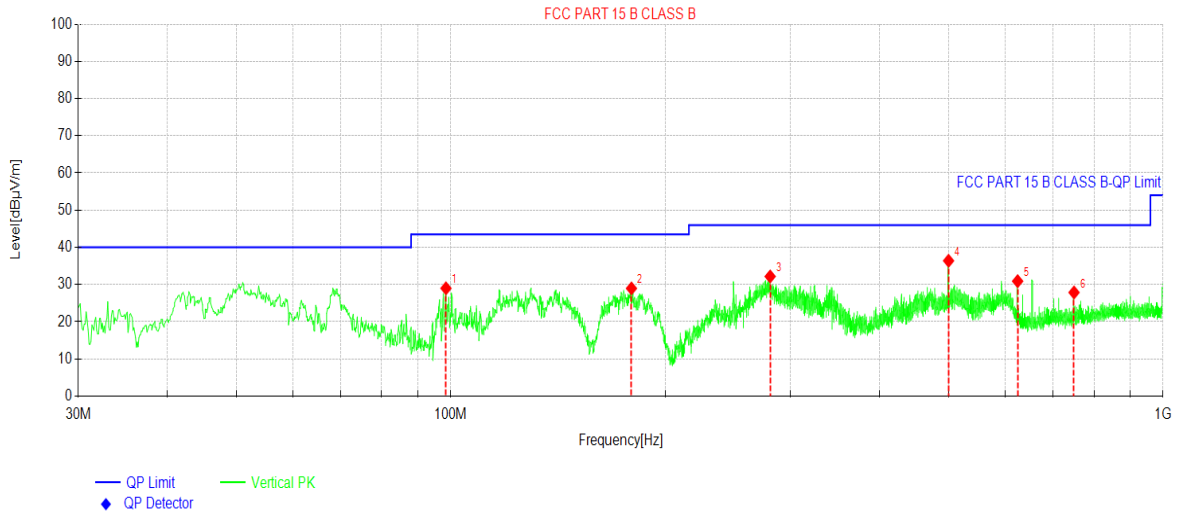
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 5.11 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All of the observed value above 6GHz ware the niose floor , which were no recorded

Measurement Data:

Adapter(1)

Below 1GHz:

Product Name:	Router	**Product Model:**	TR660
Test By:	Mike	**Test mode:**	Working mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

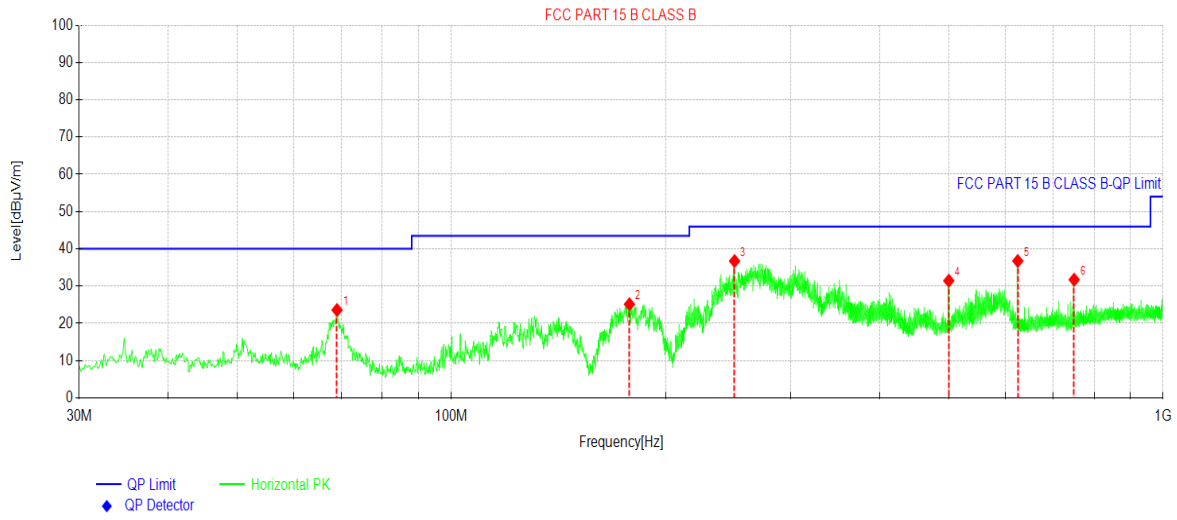


NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	98.4888	47.48	28.99	-18.49	43.50	14.51	PK	Vertical
2	179.394	47.61	28.97	-18.64	43.50	14.53	PK	Vertical
3	280.867	46.75	32.18	-14.57	46.00	13.82	PK	Vertical
4	500.012	45.87	36.39	-9.48	46.00	9.61	PK	Vertical
5	625.057	39.13	30.90	-8.23	46.00	15.10	PK	Vertical
6	750.103	34.54	27.86	-6.68	46.00	18.14	PK	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Product Name:	Router	Product Model:	TR660
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



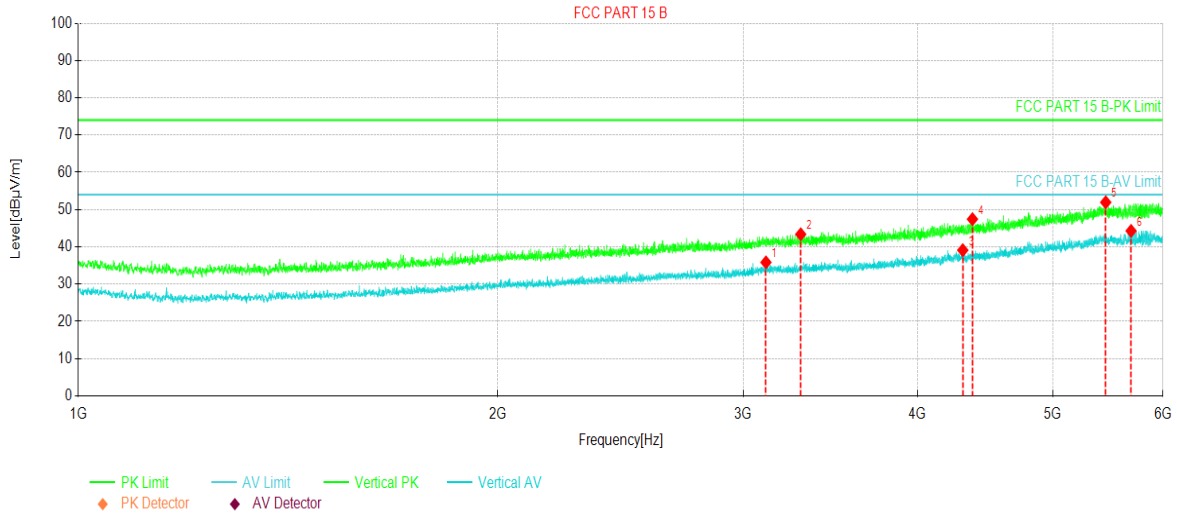
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	69.0949	42.39	23.58	-18.81	40.00	16.42	PK	Horizontal
2	177.939	43.83	25.13	-18.70	43.50	18.37	PK	Horizontal
3	250.018	52.01	36.72	-15.29	46.00	9.28	PK	Horizontal
4	500.012	40.92	31.44	-9.48	46.00	14.56	PK	Horizontal
5	625.057	44.98	36.75	-8.23	46.00	9.25	PK	Horizontal
6	750.103	38.41	31.73	-6.68	46.00	14.27	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Above 1GHz:

Product Name:	Router	**Product Model:**	TR660
Test By:	Mike	**Test mode:**	Working mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%



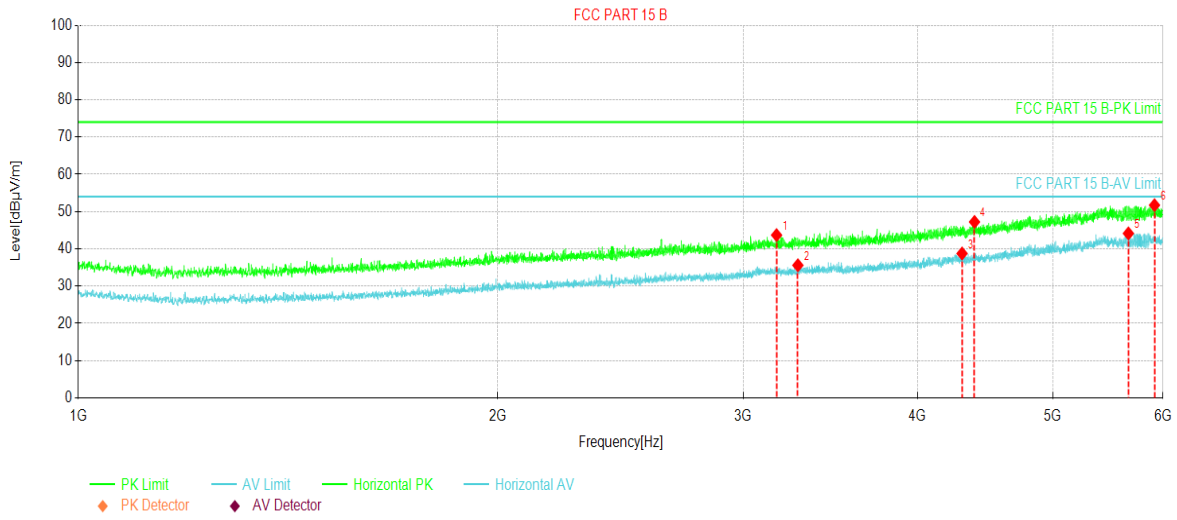
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3114.21	51.77	35.82	-15.95	54.00	18.18	AV	Vertical
2	3298.22	58.96	43.36	-15.60	74.00	30.64	PK	Vertical
3	4310.33	50.69	39.10	-11.59	54.00	14.90	AV	Vertical
4	4379.83	58.69	47.42	-11.27	74.00	26.58	PK	Vertical
5	5458.44	57.97	51.95	-6.02	74.00	22.05	PK	Vertical
6	5691.96	49.59	44.28	-5.31	54.00	9.72	AV	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Router	Product Model:	TR660
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3169.21	59.62	43.68	-15.94	74.00	30.32	PK	Horizontal
2	3282.72	51.24	35.59	-15.65	54.00	18.41	AV	Horizontal
3	4305.33	50.37	38.75	-11.62	54.00	15.25	AV	Horizontal
4	4394.83	58.42	47.22	-11.20	74.00	26.78	PK	Horizontal
5	5666.96	49.64	44.13	-5.51	54.00	9.87	AV	Horizontal
6	5916.49	56.56	51.72	-4.84	74.00	22.28	PK	Horizontal

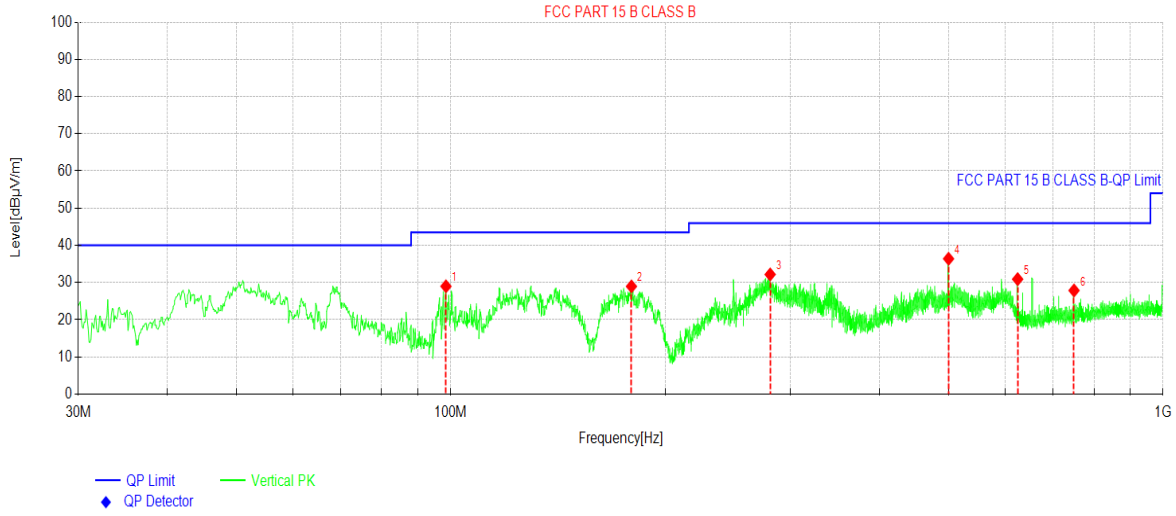
Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Adapter(2)

Below 1GHz:

Product Name:	Router	**Product Model:**	TR660
Test By:	Mike	**Test mode:**	Working mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%

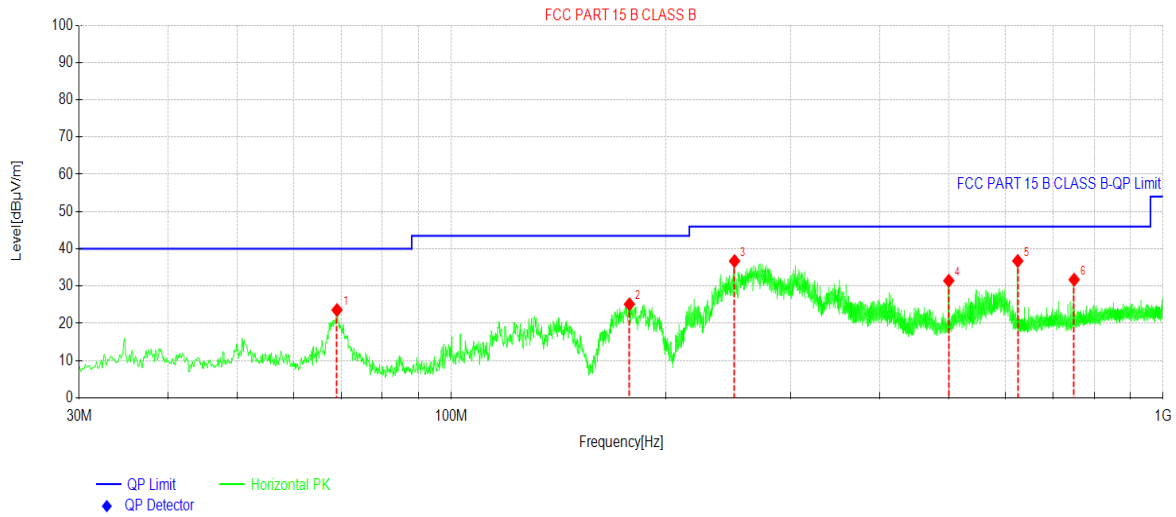


NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	98.4888	47.48	28.99	-18.49	43.50	14.51	PK	Vertical
2	179.394	47.61	28.97	-18.64	43.50	14.53	PK	Vertical
3	280.867	46.75	32.18	-14.57	46.00	13.82	PK	Vertical
4	500.012	45.87	36.39	-9.48	46.00	9.61	PK	Vertical
5	625.057	39.13	30.90	-8.23	46.00	15.10	PK	Vertical
6	750.103	34.54	27.86	-6.68	46.00	18.14	PK	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Product Name:	Router	Product Model:	TR660
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



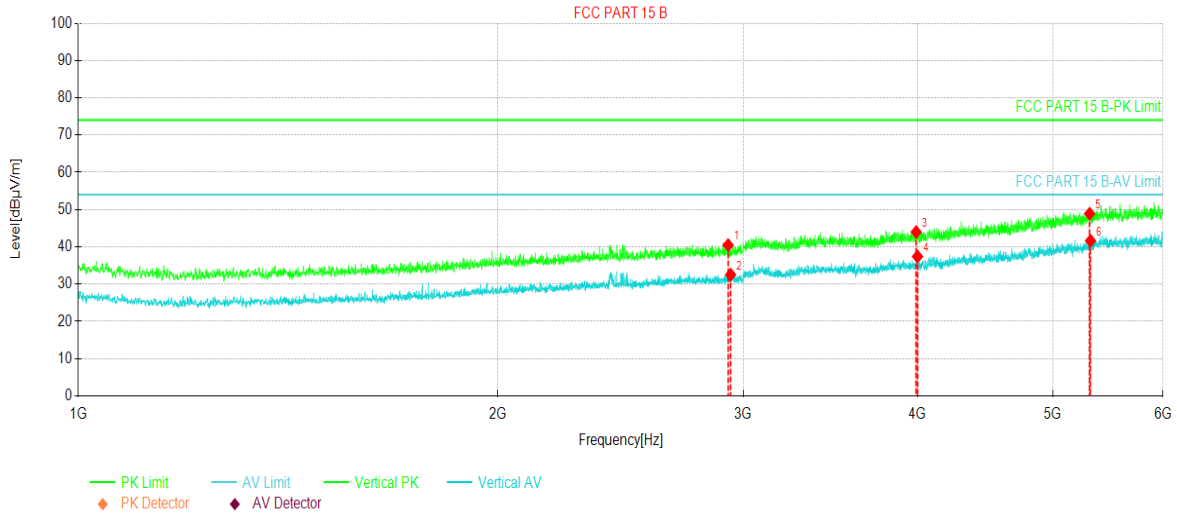
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	69.0949	42.39	23.58	-18.81	40.00	16.42	PK	Horizontal
2	177.939	43.83	25.13	-18.70	43.50	18.37	PK	Horizontal
3	250.018	52.01	36.72	-15.29	46.00	9.28	PK	Horizontal
4	500.012	40.92	31.44	-9.48	46.00	14.56	PK	Horizontal
5	625.057	44.98	36.75	-8.23	46.00	9.25	PK	Horizontal
6	750.103	38.41	31.73	-6.68	46.00	14.27	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
3. *The Aux Factor is a notch filter switch box loss, this item is not used.*

Above 1GHz:

Product Name:	Router	**Product Model:**	TR660
Test By:	Mike	**Test mode:**	Working mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 24℃ Huni: 57%



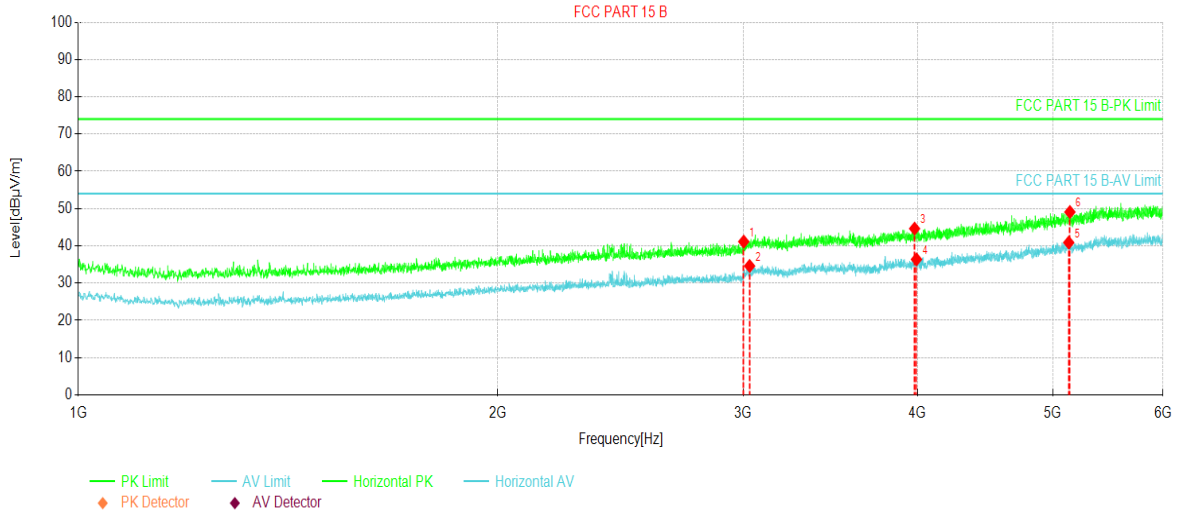
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	2925.62	57.72	40.46	-17.26	74.00	33.54	PK	Vertical
2	2937.50	49.72	32.52	-17.20	54.00	21.48	AV	Vertical
3	3991.25	57.11	43.96	-13.15	74.00	30.04	PK	Vertical
4	4000.00	50.51	37.39	-13.12	54.00	16.61	AV	Vertical
5	5315.00	55.42	48.88	-6.54	74.00	25.12	PK	Vertical
6	5323.12	48.10	41.62	-6.48	54.00	12.38	AV	Vertical

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

Product Name:	Router	Product Model:	TR660
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3001.87	57.99	41.13	-16.86	74.00	32.87	PK	Horizontal
2	3031.25	51.18	34.59	-16.59	54.00	19.41	AV	Horizontal
3	3980.62	57.82	44.62	-13.20	74.00	29.38	PK	Horizontal
4	3993.12	49.51	36.36	-13.15	54.00	17.64	AV	Horizontal
5	5135.00	48.59	40.87	-7.72	54.00	13.13	AV	Horizontal
6	5145.00	56.73	49.06	-7.67	74.00	24.94	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

8 EUT Constructional Details

Reference to the test report No.: JYTSZB-R12-2101434

------End of report------