

FCC REPORT

(WIFI)

Applicant: Qbic Technology Co., Ltd

Address of Applicant: 26F.-12, No.99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan (R.O.C.)

Equipment Under Test (EUT)

Product Name: Panel PC

Model No.: TD-1050 PRO

Trade mark: Qbic

FCC ID: 2AF82-TD1050HPRO

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: 19 Jan., 2022

Date of Test: 19 Jan., to 03 Mar., 2022

Date of report issued: 13 Apr., 2022

Test Result: PASS*

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

Authorized Signature:



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2 Version

Version No.	Date	Description
00	03 Mar., 2022	Original
01	22 Mar., 2022	Updated Page 4/8/32 ~ 56.
02	30 Mar., 2022	Updated Page 13~28/31~56.
03	13 Apr., 2022	Updated Page 20/31/55

Tested by:

Mike.ou
Test Engineer

Date:

13 Apr., 2022

Reviewed by:

Winner Zhang
Project Engineer

Date:

13 Apr., 2022

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4 Test Summary

Test Items	Section in CFR 47	Result
Antenna requirement	15.203 & 15.247 (b)	Pass
AC Power Line Conducted Emission	15.207	Pass ¹
Conducted Peak Output Power	15.247 (b)(3)	Pass ²
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Pass ¹
Power Spectral Density	15.247 (e)	Pass ¹
Band Edge	15.247 (d)	Pass ¹
Emissions in Restricted Frequency Bands	15.205 & 15.209	Pass ²
Conducted Spurious Emission	15.247 (d)	Pass ¹
Radiated Spurious Emission	15.205 & 15.209	Pass ²
Remark: 1. Pass ¹ : Items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/3/14-2019/5/9). The detailed data refer to Appendix- 2.4G WLAN. 2. Pass ² : These items are tested by JianYan Testing Group Shenzhen Co., Ltd. 3. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (provided by the customer).		
Test Method:	ANSI C63.10-2013 KDB 558074 D01 15.247 Meas Guidance v05r02	

5 General Information

5.1 Client Information

Applicant:	Qbic Technology Co., Ltd
Address:	26F.-12, No.99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan (R.O.C.)
Manufacturer:	Qbic Technology Co., Ltd
Address:	26F.-12, No.99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan (R.O.C.)
Factory:	TPV Electronics(Fujian) Co., Ltd.
Address:	Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R.China

5.2 General Description of E.U.T.

Product Name:	Panel PC
Model No.:	TD-1050 PRO
Operation Frequency:	2412MHz~2462MHz: 802.11b/802.11g/802.11n(HT20) 2422MHz~2452MHz: 802.11n(HT40)
Channel numbers:	11: 802.11b/802.11g/802.11(HT20) 7: 802.11n(HT40)
Channel separation:	5MHz
Modulation technology: (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Modulation technology: (IEEE 802.11g/802.11n)	Orthogonal Frequency Division Multiplexing(OFDM)
Data speed (IEEE 802.11b):	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data speed (IEEE 802.11g):	6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps
Data speed (IEEE 802.11n):	Up to 150Mbps
Antenna Type:	Integrated Antenna
Antenna gain:	1.1 dBi
Power supply:	☒ AC/DC Adapter
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

Operation Frequency each of channel for 802.11b/g/n(HT20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		
Note: 1. For 802.11n-HT40 mode, the channel number is from 3 to 9; 2. Channel 1, 6 & 11 selected for 802.11b/g/n-HT20 as Lowest, Middle and Highest channel. Channel 3, 6 & 9 selected for 802.11n-HT40 as Lowest, Middle and Highest Channel.							

5.3 Test environment and mode

Operating Environment:	
Temperature:	24.0 °C
Humidity:	54 % RH
Atmospheric Pressure:	1010 mbar
Test mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation
Radiated Emission: The sample was placed 0.8m (below 1GHz)/1.5m (above 1GHz) 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. We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:	
Per-scan all kind of data rate, the follow list were the worst case.	
Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	6.5Mbps
802.11n(HT40)	13.5Mbps

5.4 Description of Support Units

The EUT has been tested as an independent unit.

5.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB

5.6 Additions to, deviations, or exclusions from the method

No

5.7 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 and 10m 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.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **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>

5.8 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://jyt.lets.com>

5.9 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	RFD-100	Q1984	04-14-2021	04-13-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
				02-17-2022	02-16-2023
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
				02-17-2022	02-16-2023
Spectrum analyzer	Keysight	N9010B	MY60240202	10-27-2021	10-26-2022
Band Reject Filter Group	Tonscend	JS0806	21B8060367	04-06-2021	04-05-2022
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022
EMI Test Software	Tonscend	TS+	Version:3.0.0.1		

Conducted method:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	MY60240202	10-27-2021	10-26-2022
Power Detector Box	MWRF-test	MW100-PSB	MW201020JYT	11-19-2021	11-18-2022
RF Control Box	MWRF-test	MW100-RFCB	MW200927JYT	N/A	N/A
DC Power Supply	Keysight	E3642A	MY60296194	11-27-2020	11-26-2023
Test Software	MWRF-tes	MTS 8310	Version: 2.0.0.0		

6 Test results and Measurement Data

6.1 Antenna requirement

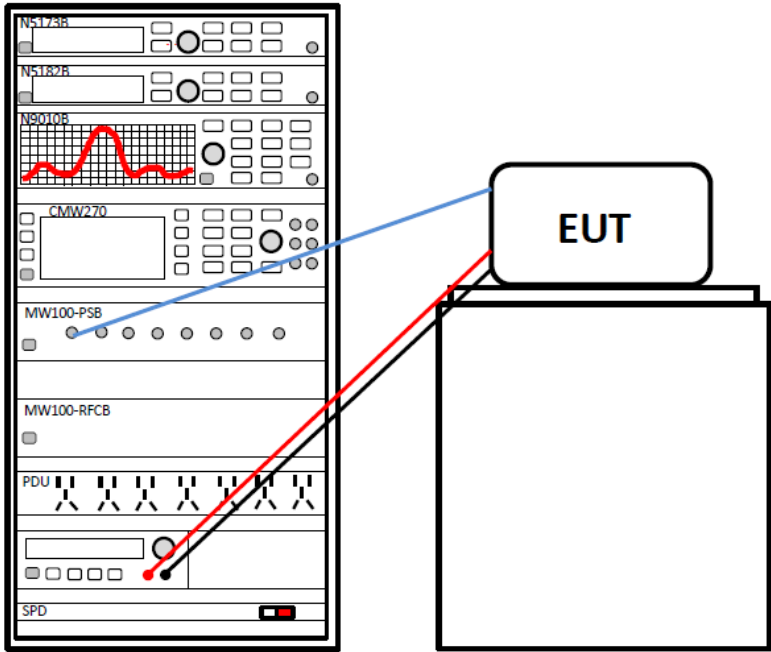
Standard requirement:	FCC Part 15 C Section 15.203 /247(b)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: (4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	
E.U.T Antenna:	
The Wi-Fi antenna is an Integrated Antenna which cannot replace by end-user, the best case gain of the antenna is 1.1 dBi.	

6.2 Conducted Output Power

6.2.1 Re-test statement

Re-test statement: The EUT is operating at the same power level with the original testing of SGS-CSTC Standards Technical Services, Co Ltd. Shenzhen Branch.

6.2.2 Test Result

Test Requirement:	FCC Part 15 C Section 15.247 (b)(3)
Limit:	30dBm
Test setup:	
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

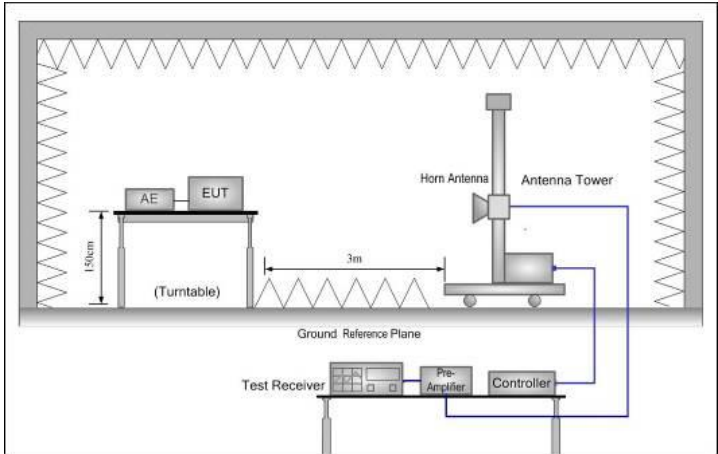
Measurement Data:

Mode	Test Channel	The Original Reports Level [dBm]	Re-Test Reports Level [dBm]	Power level
802.11b	Lowest	19.80	19.341	54
	Middle	19.94	19.395	54
	Highest	20.27	20.186	57
802.11g	Lowest	21.46	21.516	58
	Middle	21.43	21.765	58
	Highest	21.74	21.696	58
802.11n20	Lowest	20.53	20.531	55
	Middle	20.66	20.767	55
	Highest	20.83	20.613	55
802.11n40	Lowest	19.61	19.601	55
	Middle	19.69	19.662	55
	Highest	19.88	19.633	55

Remark:

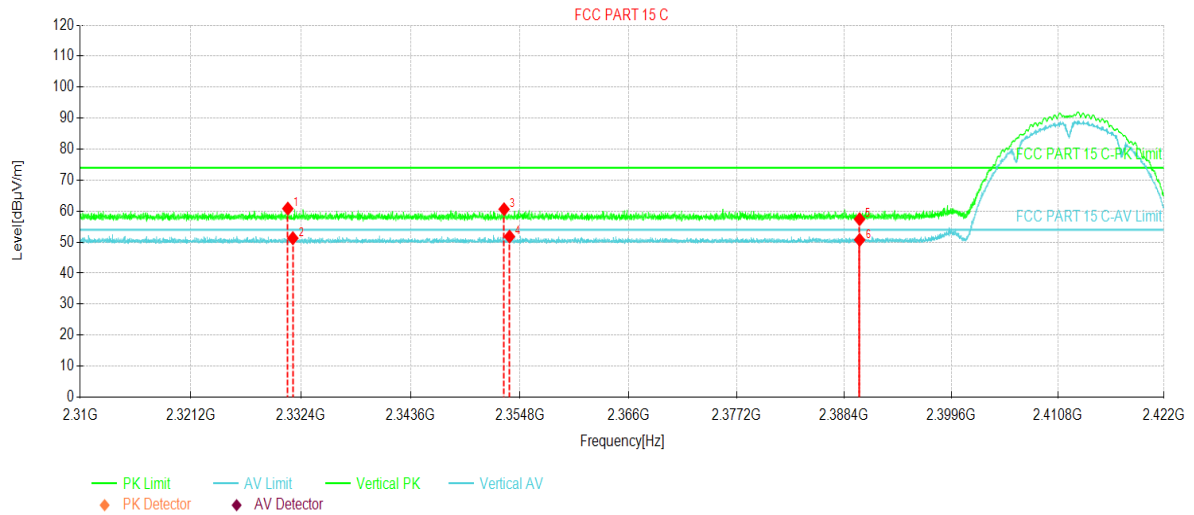
	The Original Reports	Re-Test Reports
File name:	test report 2.4G WLAN	Test Report 2.4G WIFI rev1
Test location:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	JianYan Testing Group Shenzhen Co., Ltd.
The output power is re-test at JianYan Testing Group Shenzhen Co., Ltd.		

6.3 Emissions in Restricted Frequency Bands

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Frequency Range:	2310 MHz to 2390 MHz and 2483.5 MHz to 2500 MHz				
Test Distance:	3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	Above 1GHz	Peak RMS	1MHz 1MHz	3MHz 3MHz	Peak Value Average Value
Limit:	Frequency	Limit (dBuV/m @3m)		Remark	
	Above 1GHz	54.00 74.00		Average Value Peak Value	
Test Procedure:	1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter 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. 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 rota 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 setup:					
Test Instruments:	Refer to section 5.9 for details				
Test mode:	Refer to section 5.3 for details				
Test results:	Passed				

802.11b mode:

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

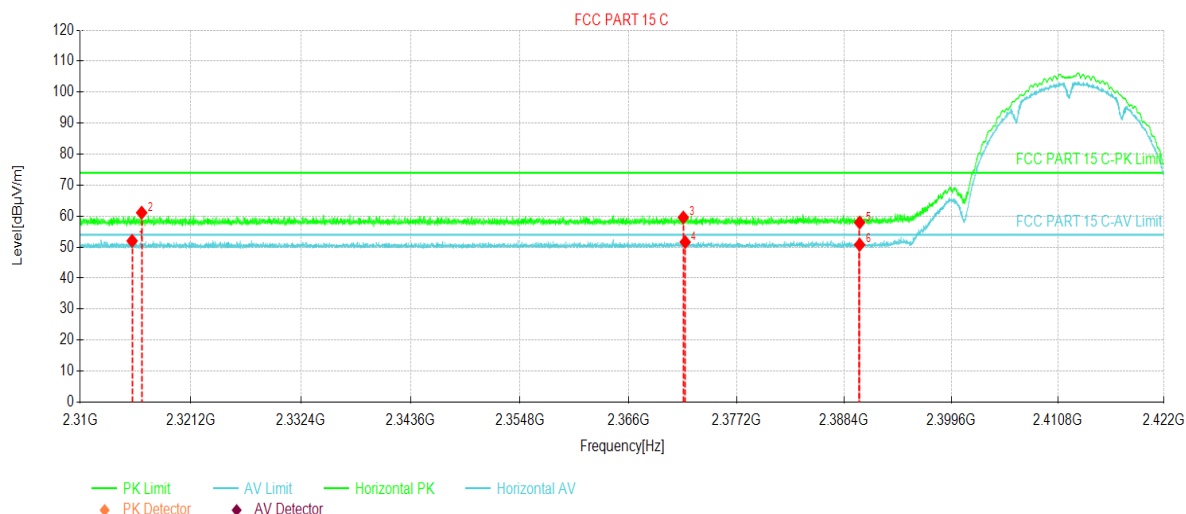


NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2331.0	25.40	60.82	35.42	74.00	13.18	305	152	PK	Vertical
2	2331.5	15.85	51.27	35.42	54.00	2.73	273	146	AV	Vertical
3	2353.1	25.03	60.61	35.58	74.00	13.39	337	137	PK	Vertical
4	2353.7	16.22	51.80	35.58	54.00	2.20	350	130	AV	Vertical
5	2390.0	21.56	57.40	35.84	74.00	16.60	25	153	PK	Vertical
6	2390.0	14.89	50.73	35.84	54.00	3.27	351	164	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8°C Huni: 57%

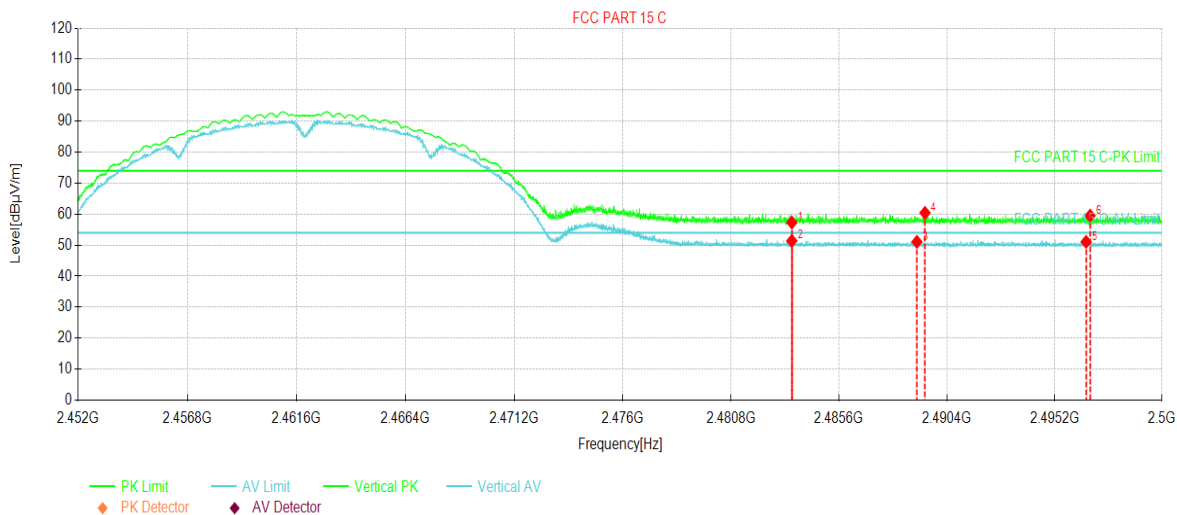


NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2315.2	16.70	52.01	35.31	54.00	1.99	124	130	AV	Horizontal
2	2316.2	25.79	61.11	35.32	74.00	12.89	135	142	PK	Horizontal
3	2371.6	23.86	59.57	35.71	74.00	14.43	247	138	PK	Horizontal
4	2371.8	15.92	51.63	35.71	54.00	2.37	290	150	AV	Horizontal
5	2390.0	22.10	57.94	35.84	74.00	16.06	321	161	PK	Horizontal
6	2390.0	14.94	50.78	35.84	54.00	3.22	305	150	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%

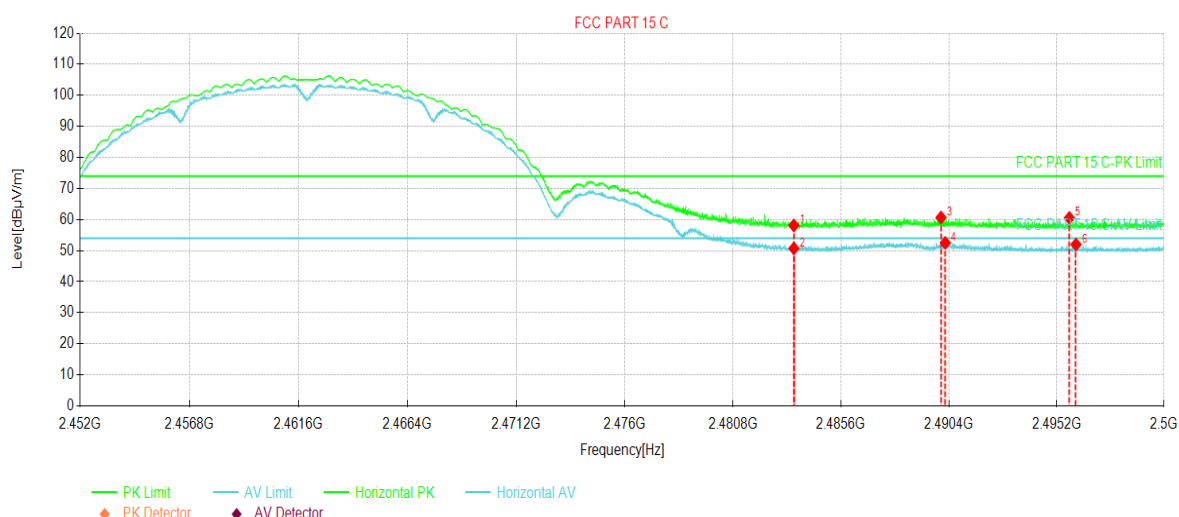


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	21.59	57.31	35.72	74.00	16.69	151	150	PK	Vertical
2	2483.5	15.67	51.39	35.72	54.00	2.61	190	141	AV	Vertical
3	2489.0	15.34	51.05	35.71	54.00	2.95	254	135	AV	Vertical
4	2489.4	24.71	60.41	35.70	74.00	13.59	293	139	PK	Vertical
5	2496.6	15.37	51.06	35.69	54.00	2.94	310	160	AV	Vertical
6	2496.7	23.83	59.52	35.69	74.00	14.48	350	158	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%



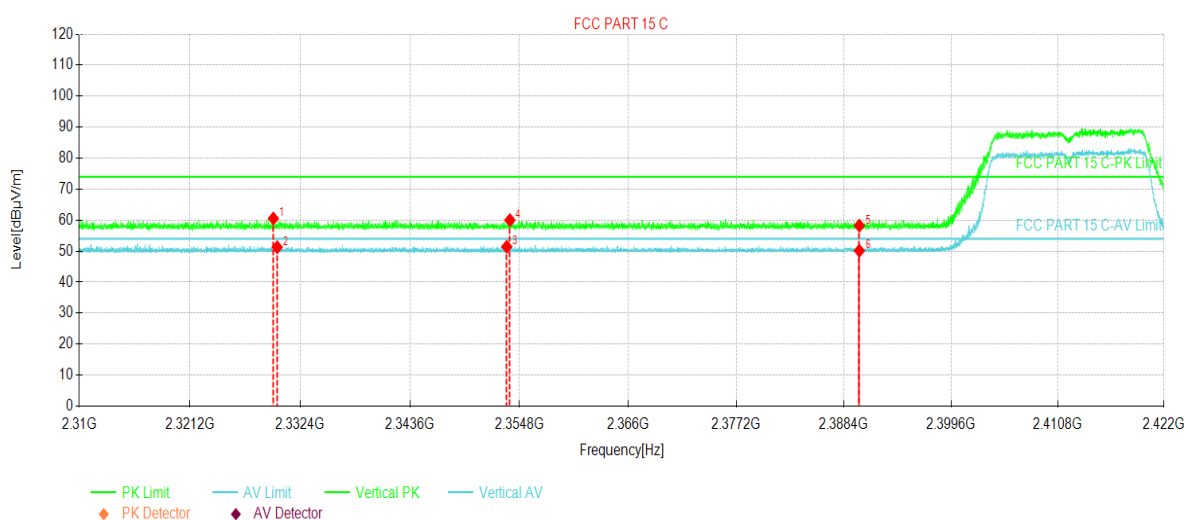
NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	22.38	58.10	35.72	74.00	15.90	314	140	PK	Horizontal
2	2483.5	14.98	50.70	35.72	54.00	3.30	348	151	AV	Horizontal
3	2490.0	24.96	60.66	35.70	74.00	13.34	289	136	PK	Horizontal
4	2490.2	16.81	52.51	35.70	54.00	1.49	306	149	AV	Horizontal
5	2495.7	24.84	60.53	35.69	74.00	13.47	12	150	PK	Horizontal
6	2496.0	16.28	51.97	35.69	54.00	2.03	357	162	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11g mode:

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

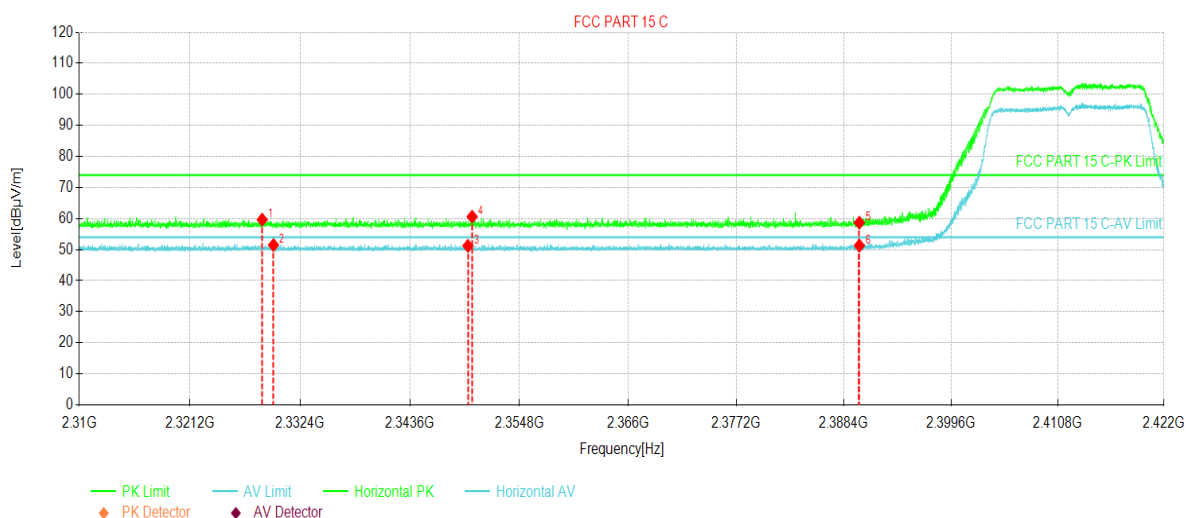


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2329.6	25.12	60.53	35.41	74.00	13.47	159	130	PK	Vertical
2	2330.0	15.87	51.28	35.41	54.00	2.72	179	143	AV	Vertical
3	2353.5	15.84	51.42	35.58	54.00	2.58	250	152	AV	Vertical
4	2353.8	24.41	59.99	35.58	74.00	14.01	287	148	PK	Vertical
5	2390.0	22.38	58.22	35.84	74.00	15.78	313	158	PK	Vertical
6	2390.0	14.30	50.14	35.84	54.00	3.86	342	162	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%

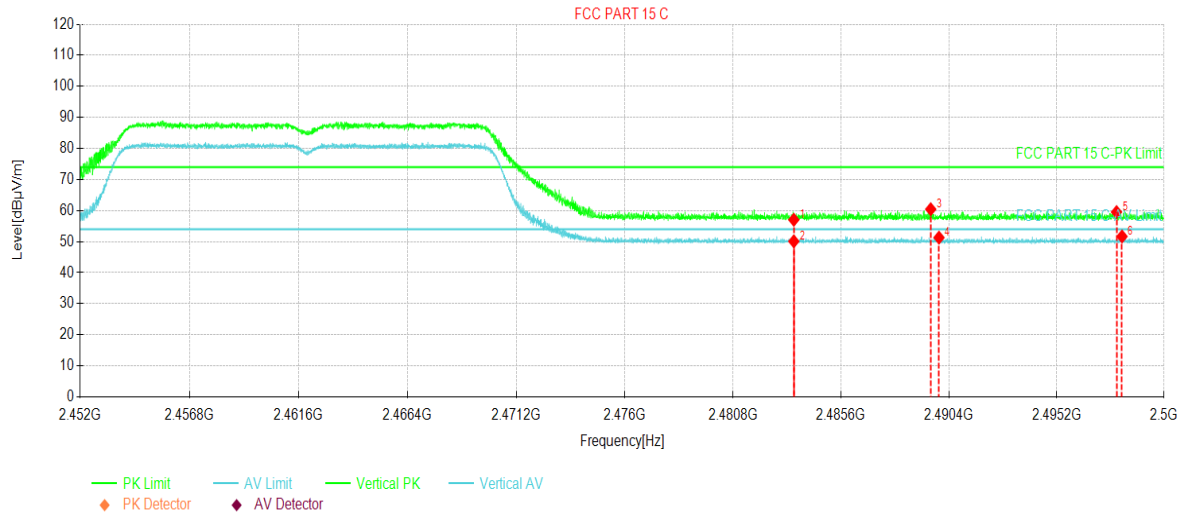


NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2328.5	24.25	59.65	35.40	74.00	14.35	260	133	PK	Horizontal
2	2329.6	16.07	51.48	35.41	54.00	2.52	290	140	AV	Horizontal
3	2349.5	15.65	51.20	35.55	54.00	2.80	324	151	AV	Horizontal
4	2349.9	25.04	60.59	35.55	74.00	13.41	351	159	PK	Horizontal
5	2390.0	22.84	58.68	35.84	74.00	15.32	157	160	PK	Horizontal
6	2390.0	15.44	51.28	35.84	54.00	2.72	180	171	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%

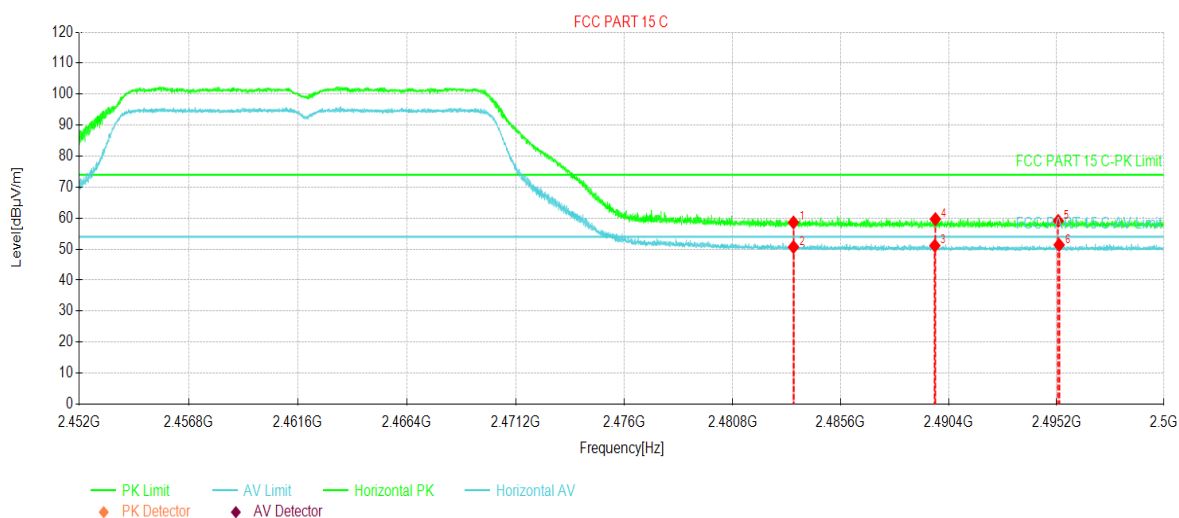


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	21.31	57.03	35.72	74.00	16.97	230	151	PK	Vertical
2	2483.5	14.38	50.10	35.72	54.00	3.90	275	159	AV	Vertical
3	2489.5	24.73	60.43	35.70	74.00	13.57	317	143	PK	Vertical
4	2489.9	15.58	51.28	35.70	54.00	2.72	345	139	AV	Vertical
5	2497.8	23.84	59.52	35.68	74.00	14.48	7	132	PK	Vertical
6	2498.1	15.99	51.67	35.68	54.00	2.33	349	140	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%



Suspected Data List

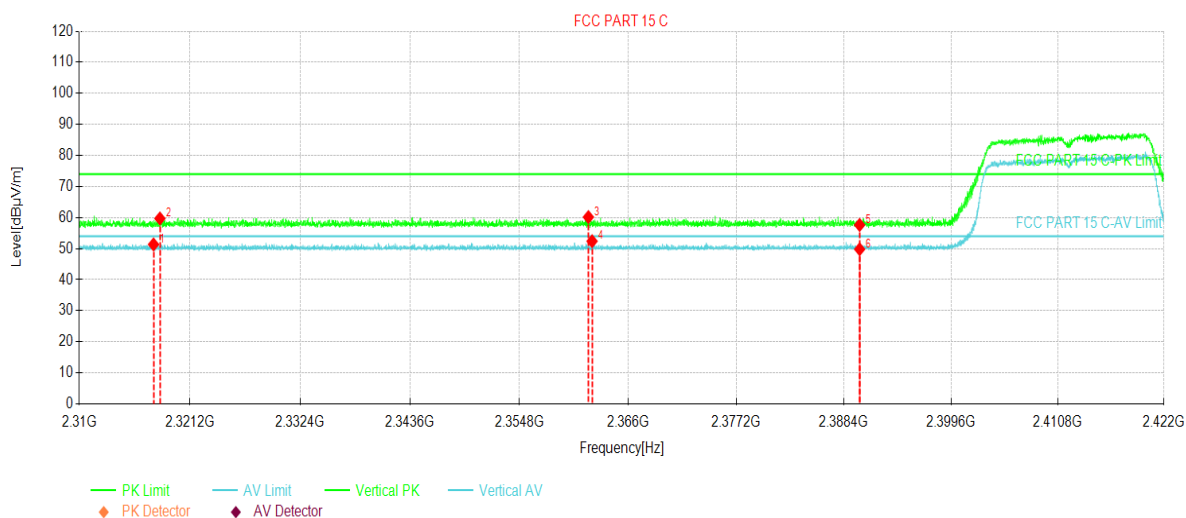
NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	22.89	58.61	35.72	74.00	15.39	271	160	PK	Horizontal
2	2483.5	14.97	50.69	35.72	54.00	3.31	301	150	AV	Horizontal
3	2489.7	15.43	51.13	35.70	54.00	2.87	341	159	AV	Horizontal
4	2489.8	23.98	59.68	35.70	74.00	14.32	353	154	PK	Horizontal
5	2495.2	23.43	59.12	35.69	74.00	14.88	27	145	PK	Horizontal
6	2495.3	15.68	51.37	35.69	54.00	2.63	356	165	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n(HT20):

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT20) Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

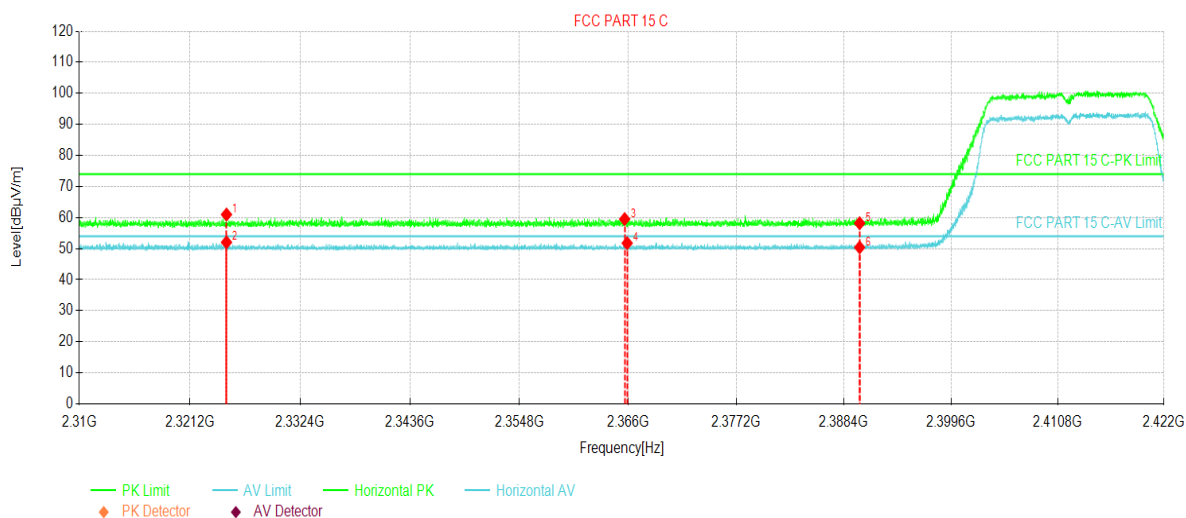


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2317.5	16.03	51.35	35.32	54.00	2.65	265	134	AV	Vertical
2	2318.1	24.38	59.71	35.33	74.00	14.29	290	142	PK	Vertical
3	2361.9	24.52	60.16	35.64	74.00	13.84	313	139	PK	Vertical
4	2362.2	16.74	52.38	35.64	54.00	1.62	349	150	AV	Vertical
5	2390.0	21.79	57.63	35.84	74.00	16.37	218	154	PK	Vertical
6	2390.0	13.96	49.80	35.84	54.00	4.20	263	160	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT20) Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

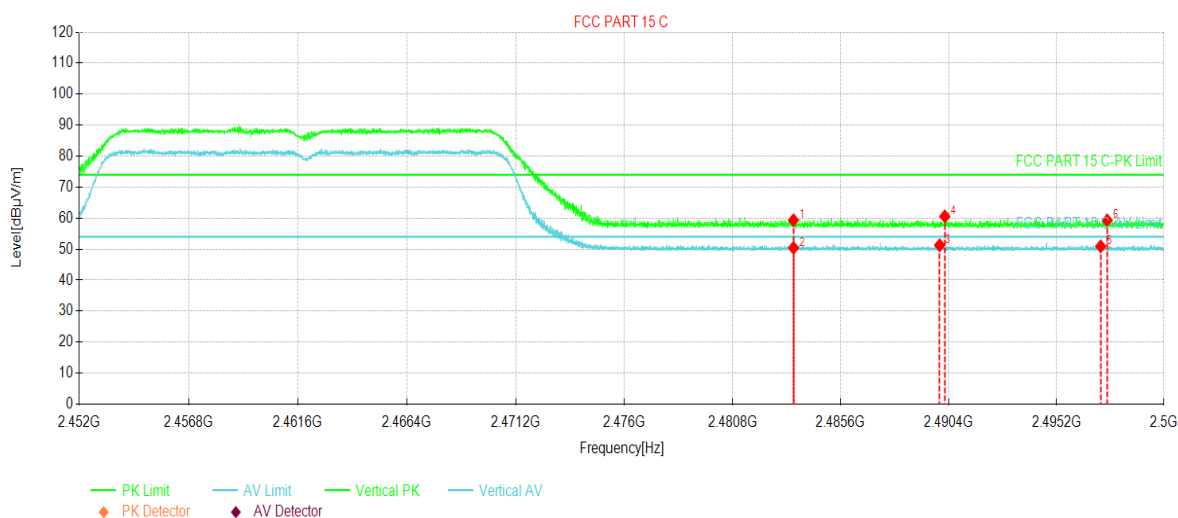


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2324.8	25.60	60.98	35.38	74.00	13.02	188	134	PK	Horizontal
2	2324.8	16.66	52.04	35.38	54.00	1.96	205	140	AV	Horizontal
3	2365.6	23.85	59.52	35.67	74.00	14.48	278	150	PK	Horizontal
4	2365.9	16.09	51.76	35.67	54.00	2.24	308	157	AV	Horizontal
5	2390.0	22.33	58.17	35.84	74.00	15.83	343	163	PK	Horizontal
6	2390.0	14.54	50.38	35.84	54.00	3.62	350	156	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT20) Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%

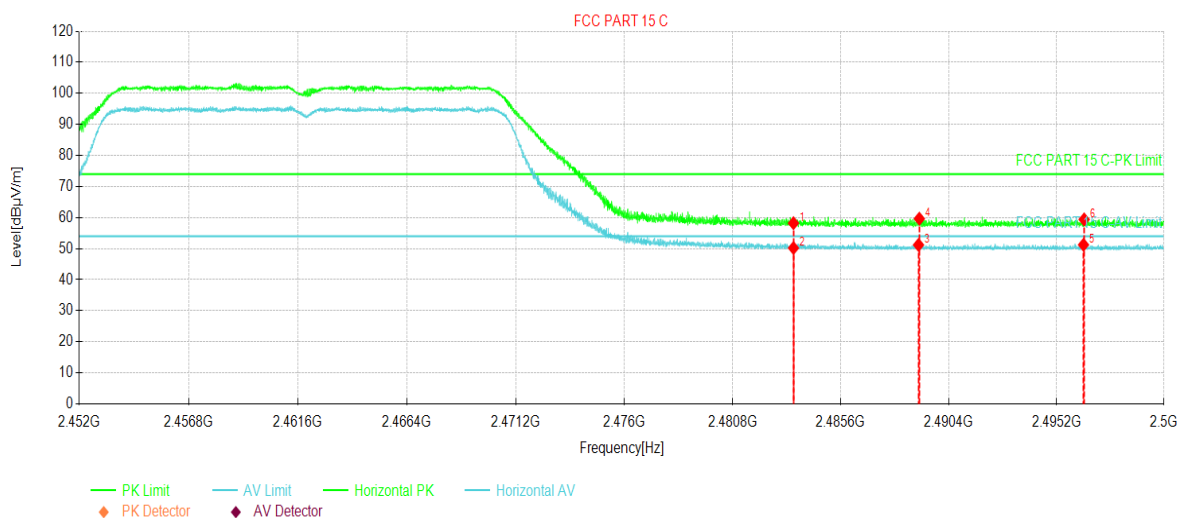


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	23.61	59.33	35.72	74.00	14.67	309	133	PK	Vertical
2	2483.5	14.70	50.42	35.72	54.00	3.58	330	141	AV	Vertical
3	2489.9	15.58	51.28	35.70	54.00	2.72	2	152	AV	Vertical
4	2490.2	24.87	60.57	35.70	74.00	13.43	346	159	PK	Vertical
5	2497.1	15.23	50.92	35.69	54.00	3.08	349	160	AV	Vertical
6	2497.4	23.62	59.31	35.69	74.00	14.69	14	164	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT20) Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%



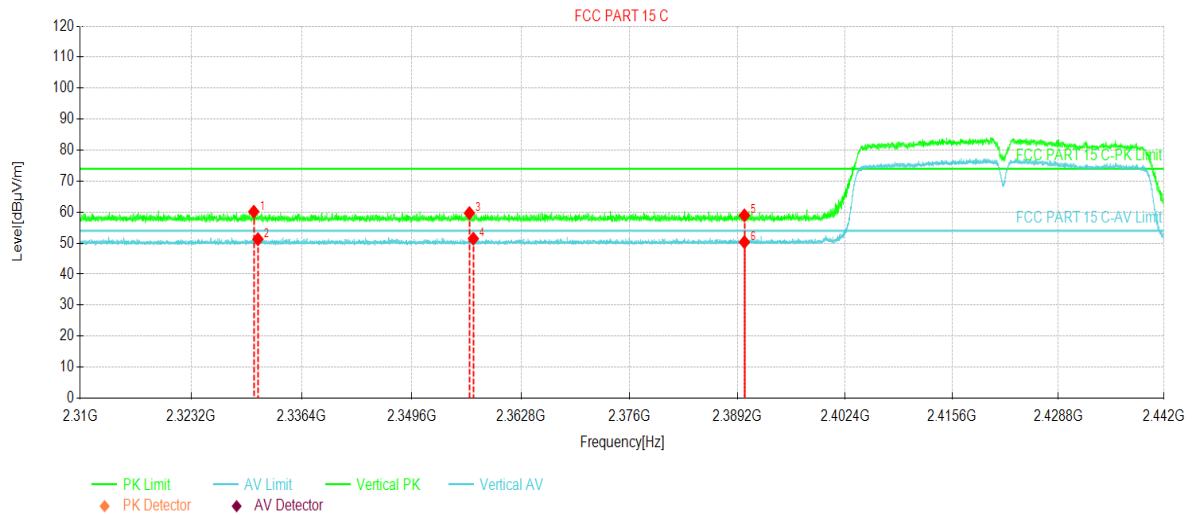
NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	22.48	58.20	35.72	74.00	15.80	263	143	PK	Horizontal
2	2483.5	14.47	50.19	35.72	54.00	3.81	297	150	AV	Horizontal
3	2489.0	15.49	51.20	35.71	54.00	2.80	325	138	AV	Horizontal
4	2489.0	23.92	59.63	35.71	74.00	14.37	340	143	PK	Horizontal
5	2496.4	15.54	51.23	35.69	54.00	2.77	16	160	AV	Horizontal
6	2496.4	23.70	59.39	35.69	74.00	14.61	355	166	PK	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

802.11n(HT40):

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

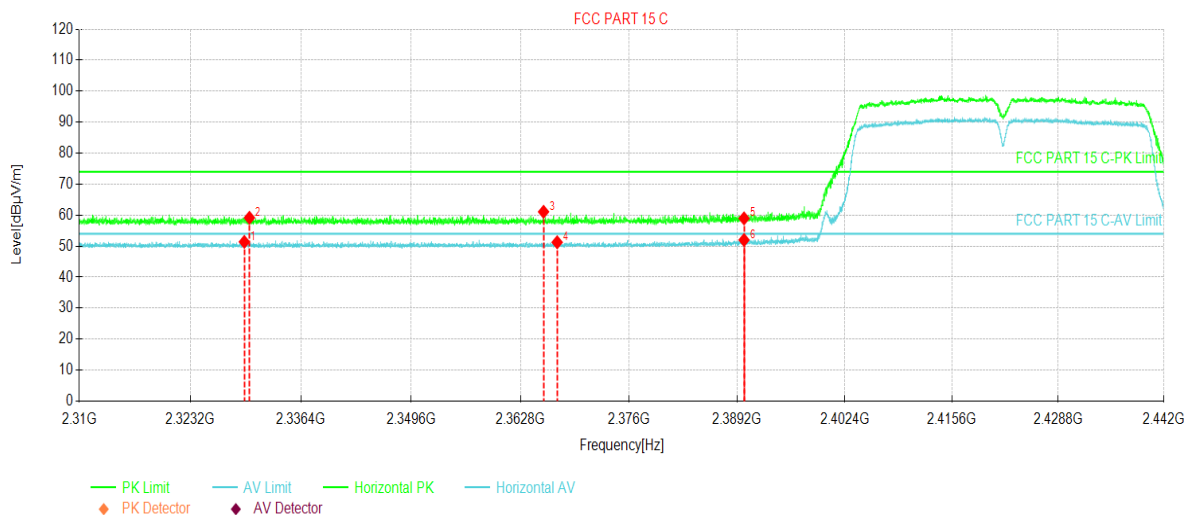


NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2330.6	24.73	60.15	35.42	74.00	13.85	308	137	PK	Vertical
2	2331.1	15.86	51.28	35.42	54.00	2.72	349	132	AV	Vertical
3	2356.5	24.10	59.70	35.60	74.00	14.30	243	140	PK	Vertical
4	2357.0	15.84	51.44	35.60	54.00	2.56	267	152	AV	Vertical
5	2390.0	23.12	58.96	35.84	74.00	15.04	36	160	PK	Vertical
6	2390.0	14.48	50.32	35.84	54.00	3.68	358	171	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%

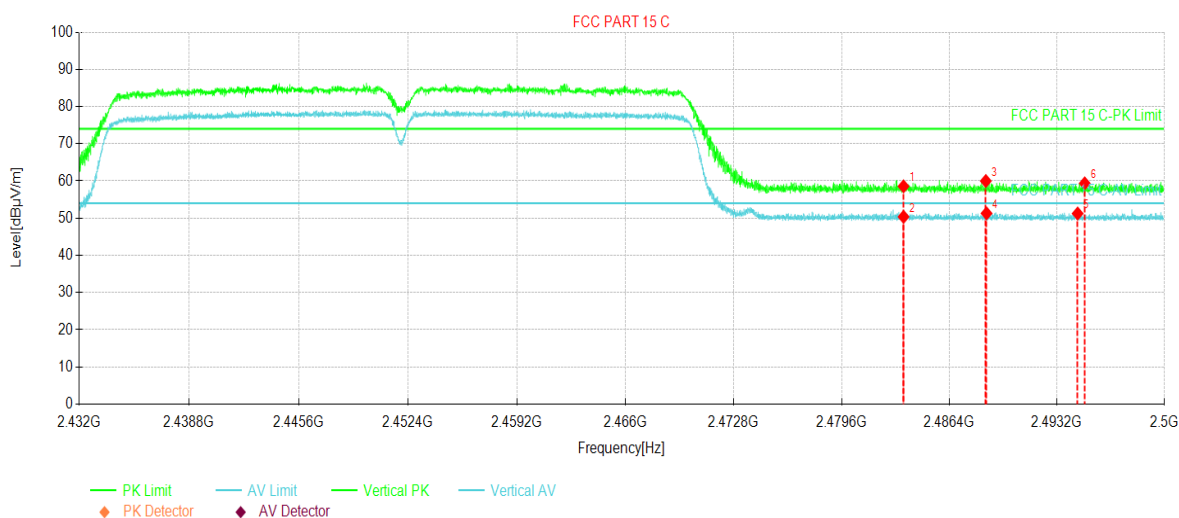


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2329.6	15.97	51.38	35.41	54.00	2.62	261	152	AV	Horizontal
2	2330.2	23.75	59.16	35.41	74.00	14.84	278	143	PK	Horizontal
3	2365.6	25.41	61.08	35.67	74.00	12.92	310	135	PK	Horizontal
4	2367.2	15.57	51.25	35.68	54.00	2.75	333	141	AV	Horizontal
5	2390.0	23.11	58.95	35.84	74.00	15.05	34	136	PK	Horizontal
6	2390.0	16.15	51.99	35.84	54.00	2.01	355	139	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Humi: 57%

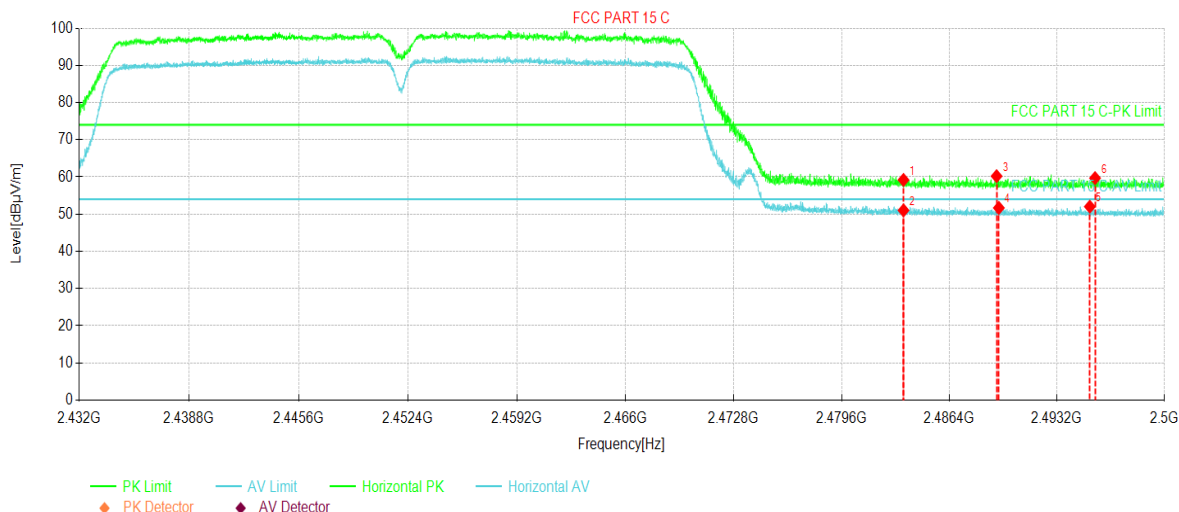


NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	22.83	58.55	35.72	74.00	15.45	158	142	PK	Vertical
2	2483.5	14.63	50.35	35.72	54.00	3.65	179	150	AV	Vertical
3	2488.7	24.27	59.98	35.71	74.00	14.02	250	139	PK	Vertical
4	2488.7	15.58	51.29	35.71	54.00	2.71	279	134	AV	Vertical
5	2494.5	15.55	51.24	35.69	54.00	2.76	18	160	AV	Vertical
6	2494.9	23.67	59.36	35.69	74.00	14.64	353	152	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 21.8℃ Huni: 57%



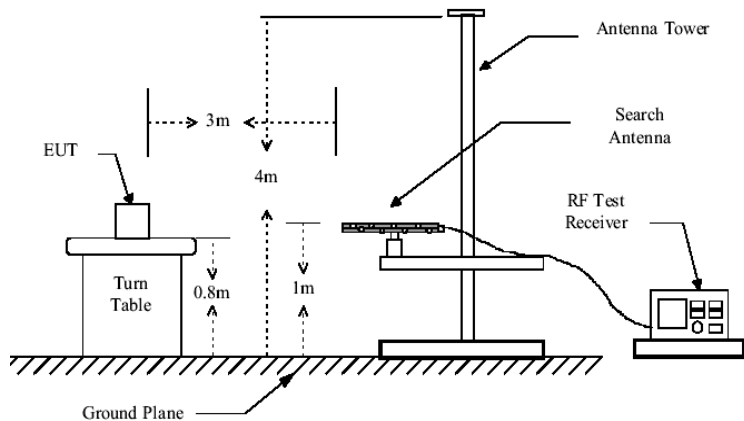
NO	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	2483.5	23.48	59.20	35.72	74.00	14.80	12	151	PK	Horizontal
2	2483.5	15.30	51.02	35.72	54.00	2.98	355	159	AV	Horizontal
3	2489.3	24.52	60.22	35.70	74.00	13.78	241	140	PK	Horizontal
4	2489.5	15.98	51.68	35.70	54.00	2.32	285	146	AV	Horizontal
5	2495.2	16.33	52.02	35.69	54.00	1.98	320	133	AV	Horizontal
6	2495.6	24.00	59.69	35.69	74.00	14.31	350	148	PK	Horizontal

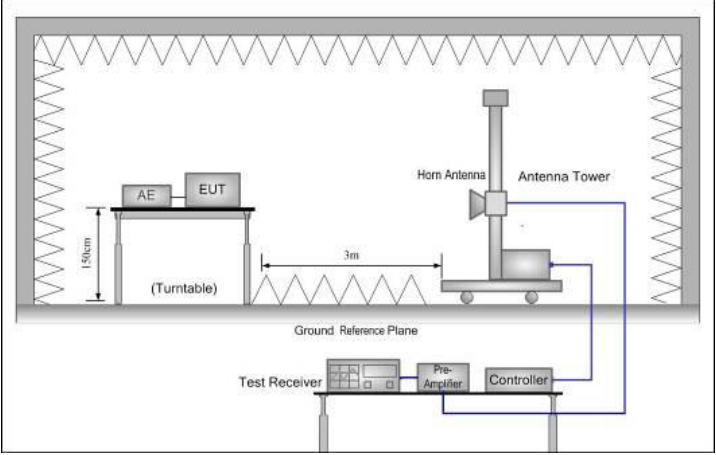
Remark:

- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

6.4 Spurious Emission

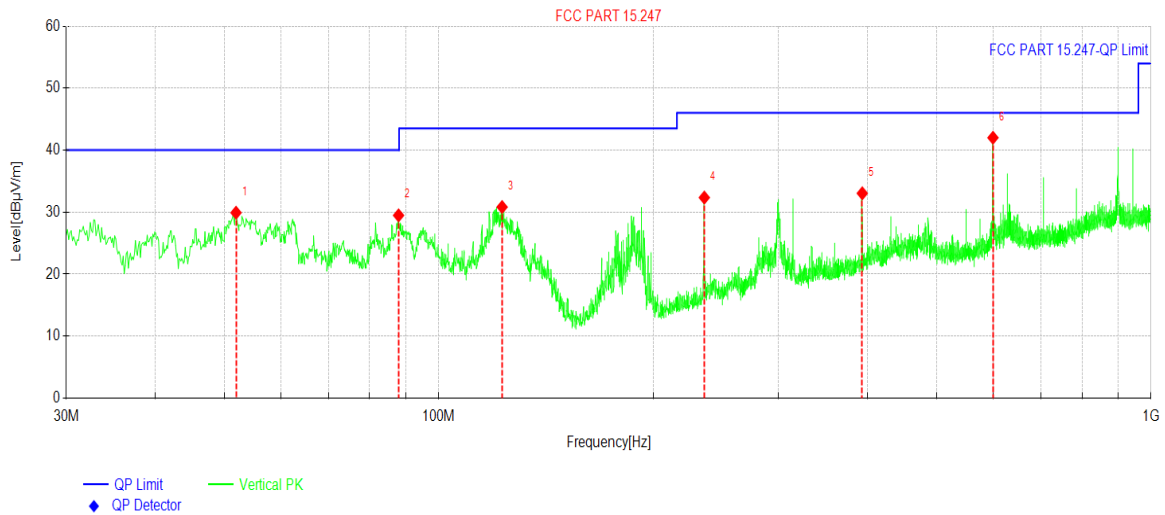
6.4.1 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Frequency Range:	9kHz to 25GHz				
Test Distance:	3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
RMS		1MHz	3MHz	Average Value	
Limit:	Frequency	Limit (dBuV/m @3m)			Remark
	30MHz-88MHz	40.0			Quasi-peak Value
	88MHz-216MHz	43.5			Quasi-peak Value
	216MHz-960MHz	46.0			Quasi-peak Value
	960MHz-1GHz	54.0			Quasi-peak Value
	Above 1GHz	54.0			Average Value
74.0			Peak Value		
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter chamber. 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. 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 rota 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 setup:	Below 1GHz  Above 1GHz				

	
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 2. 9 kHz to 30MHz is lower than the limit 20dB, so only shows the data of above 30MHz in this report.

Measurement Data (worst case):
Below 1GHz:

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

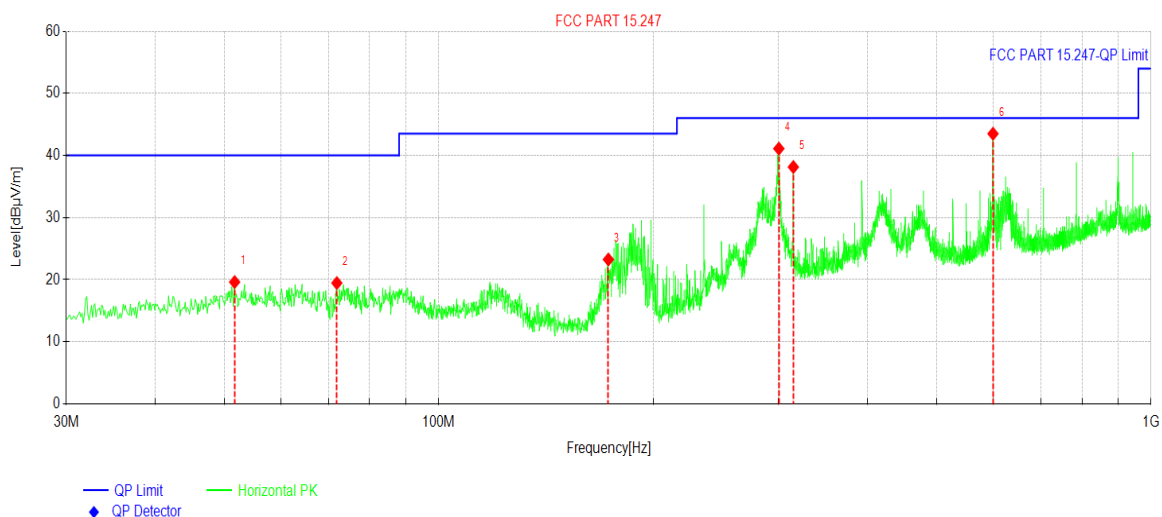

Suspected Data List

NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	51.946	44.58	29.91	-14.67	40.00	10.09	346	104	PK	Vertical
2	87.836	46.98	29.48	-17.50	40.00	10.52	256	111	PK	Vertical
3	122.75	47.26	30.83	-16.43	43.50	12.67	198	102	PK	Vertical
4	236.00	46.80	32.35	-14.45	46.00	13.65	137	100	PK	Vertical
5	393.26	43.63	33.04	-10.59	46.00	12.96	142	100	PK	Vertical
6	599.99	47.49	42.01	-5.48	46.00	3.99	188	118	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%



NO	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	51.703	34.30	19.62	-14.68	40.00	20.38	183	112	PK	Horizontal
2	71.952	36.46	19.46	-17.00	40.00	20.54	147	134	PK	Horizontal
3	173.07	40.24	23.25	-16.99	43.50	20.25	36	150	PK	Horizontal
4	300.26	53.80	41.10	-12.70	46.00	4.90	197	100	PK	Horizontal
5	314.69	50.50	38.14	-12.36	46.00	7.86	356	132	PK	Horizontal
6	600.11	48.98	43.50	-5.48	46.00	2.50	342	104	PK	Horizontal

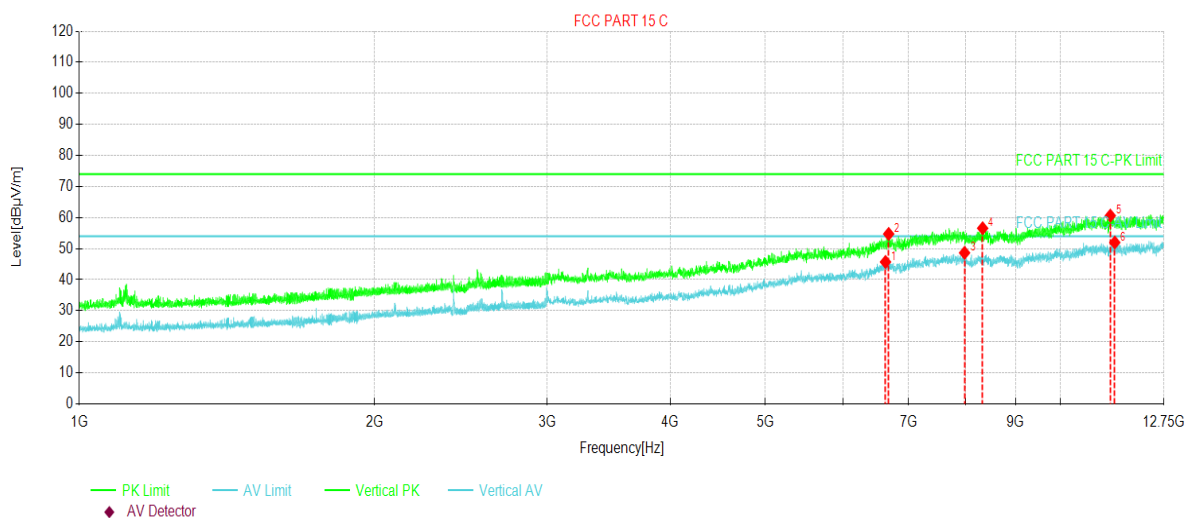
Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Above 1GHz:

Remark: When testing spurs above 1GHz, use Band Reject Filter Group to filter out fundamental signal.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

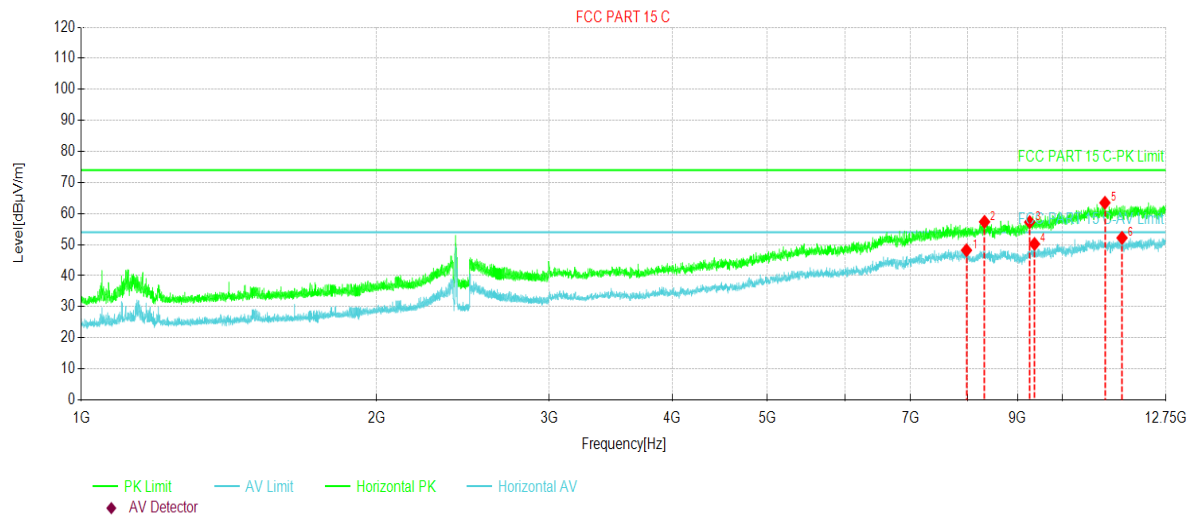


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	6633.09	47.40	45.70	-1.70	54.00	8.30	9	143	AV	Vertical
2	6681.84	56.04	54.72	-1.32	74.00	19.28	348	156	PK	Vertical
3	7984.69	47.73	48.65	0.92	54.00	5.35	256	137	AV	Vertical
4	8330.81	54.83	56.56	1.73	74.00	17.44	258	149	PK	Vertical
5	11241.19	52.92	60.61	7.69	74.00	13.39	182	162	PK	Vertical
6	11359.41	44.45	51.98	7.53	54.00	2.02	178	167	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

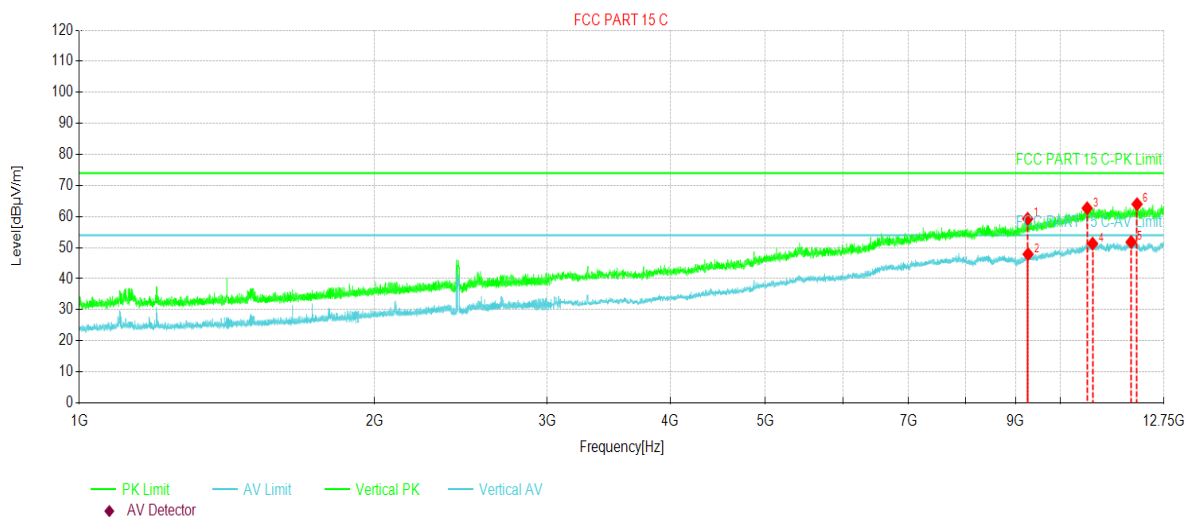


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7983.47	47.26	48.18	0.92	54.00	5.82	354	148	AV	Horizontal
2	8328.38	55.61	57.34	1.73	74.00	16.66	323	137	PK	Horizontal
3	9260.72	54.36	57.25	2.89	74.00	16.75	180	153	PK	Horizontal
4	9364.31	47.10	50.21	3.11	54.00	3.79	164	158	AV	Horizontal
5	11047.41	56.18	63.48	7.30	74.00	10.52	357	152	PK	Horizontal
6	11500.78	44.50	52.17	7.67	54.00	1.83	19	150	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

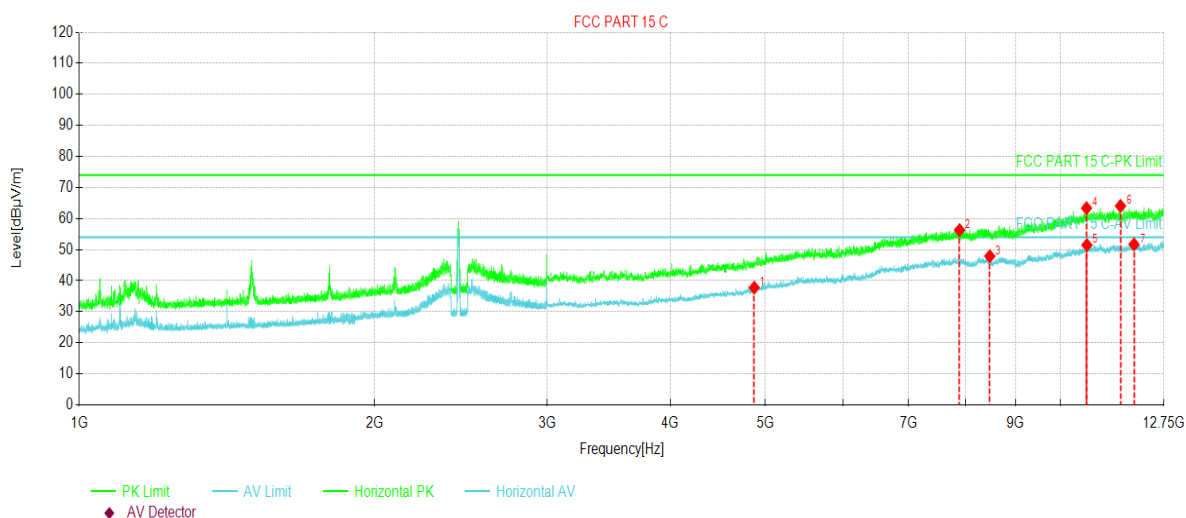


Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity	
1	9259.50	56.40	59.28	2.88	74.00	14.72	168	142	PK	Vertical	
2	9268.03	44.95	47.89	2.94	54.00	6.11	175	158	AV	Vertical	
3	10647.66	55.58	62.67	7.09	74.00	11.33	8	137	PK	Vertical	
4	10782.94	44.10	51.26	7.16	54.00	2.74	13	149	AV	Vertical	
5	11804.25	43.94	51.80	7.86	54.00	2.20	328	144	AV	Vertical	
6	11968.78	56.31	63.98	7.67	74.00	10.02	345	152	PK	Vertical	

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

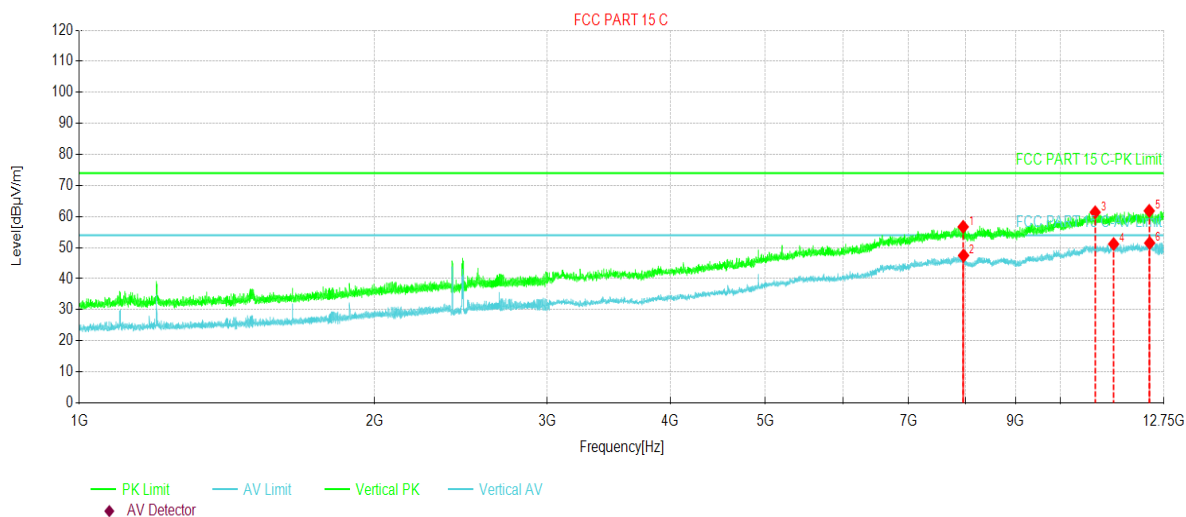


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	4874.44	46.86	37.75	-9.11	54.00	16.25	346	155	AV	Horizontal
2	7892.06	55.28	56.29	1.01	74.00	17.71	338	162	PK	Horizontal
3	8472.19	46.55	47.88	1.33	54.00	6.12	256	158	AV	Horizontal
4	10630.59	56.31	63.35	7.04	74.00	10.65	180	147	PK	Horizontal
5	10640.34	44.40	51.47	7.07	54.00	2.53	176	134	AV	Horizontal
6	11511.75	56.43	64.06	7.63	74.00	9.94	223	123	PK	Horizontal
7	11884.69	44.16	51.69	7.53	54.00	2.31	218	136	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

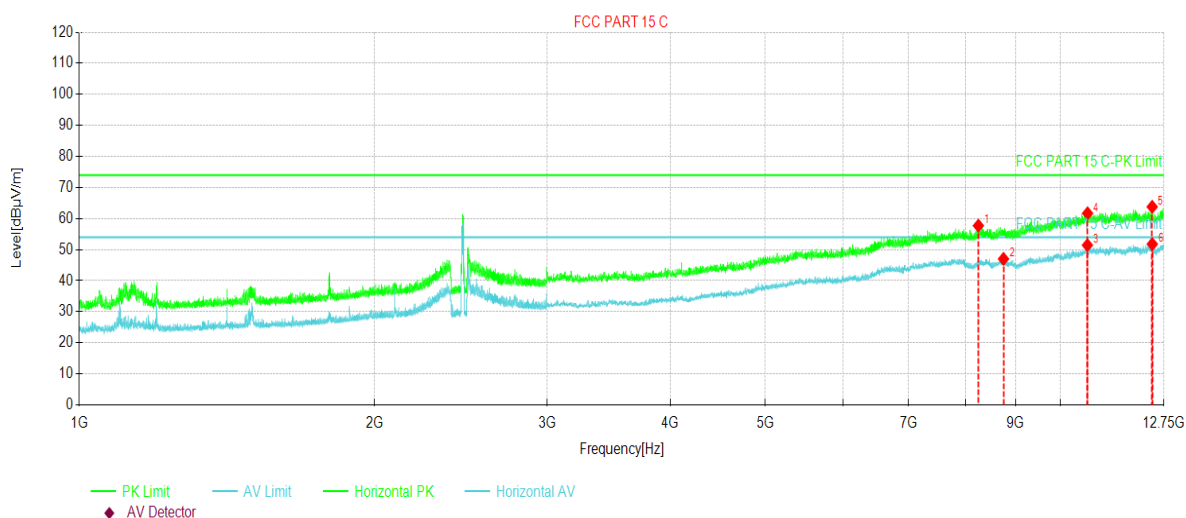


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7959.09	55.74	56.68	0.94	74.00	17.32	8	142	PK	Vertical
2	7966.41	46.52	47.46	0.94	54.00	6.54	347	137	AV	Vertical
3	10848.75	54.16	61.38	7.22	74.00	12.62	279	159	PK	Vertical
4	11328.94	43.33	51.15	7.82	54.00	2.85	326	142	AV	Vertical
5	12316.13	54.00	61.83	7.83	74.00	12.17	319	168	PK	Vertical
6	12328.31	43.65	51.48	7.83	54.00	2.52	334	137	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11b High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

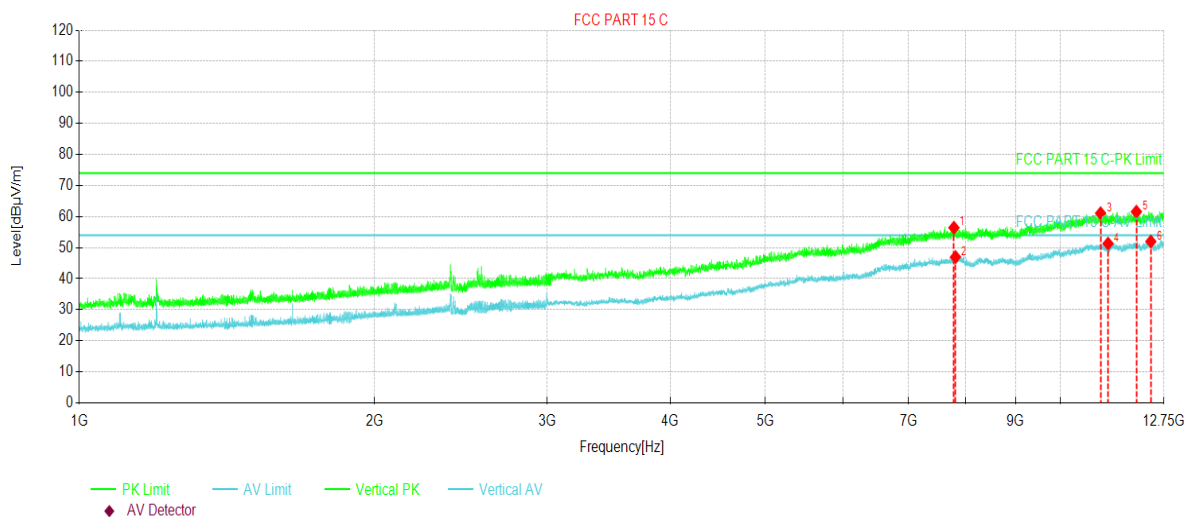


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	8247.94	56.48	57.72	1.24	74.00	16.28	338	159	PK	Horizontal
2	8748.84	45.52	47.02	1.50	54.00	6.98	346	167	AV	Horizontal
3	10652.53	44.32	51.43	7.11	54.00	2.57	168	128	AV	Horizontal
4	10657.41	54.58	61.70	7.12	74.00	12.30	174	137	PK	Horizontal
5	12401.44	55.96	63.78	7.82	74.00	10.22	256	143	PK	Horizontal
6	12403.88	43.98	51.78	7.80	54.00	2.22	237	146	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

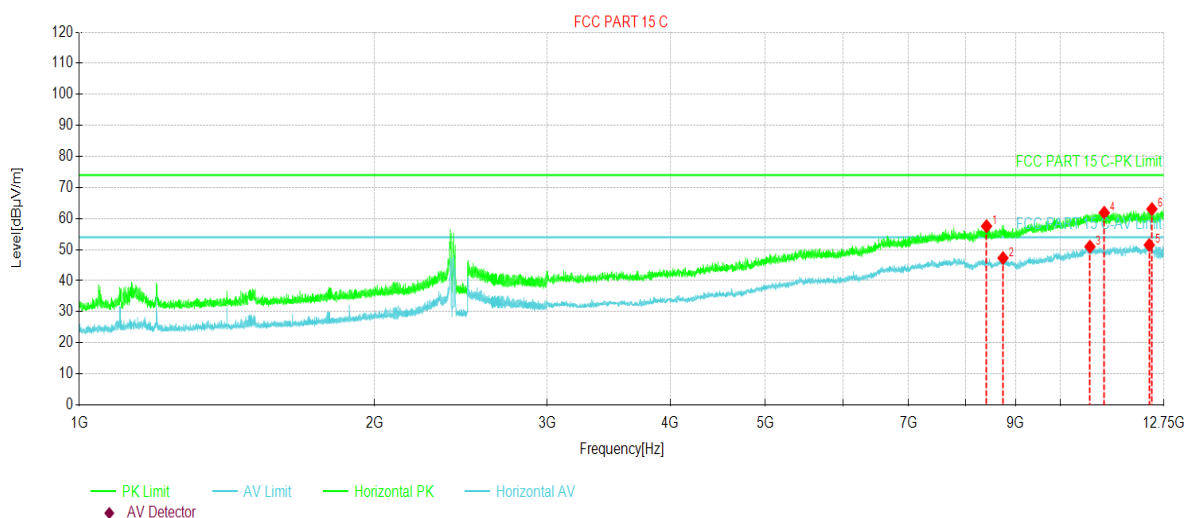


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7788.47	55.44	56.41	0.97	74.00	17.59	134	170	PK	Vertical
2	7816.50	45.94	46.96	1.02	54.00	7.04	142	163	AV	Vertical
3	10987.69	53.63	61.08	7.45	74.00	12.92	126	144	PK	Vertical
4	11182.69	43.94	51.29	7.35	54.00	2.71	187	157	AV	Vertical
5	11950.50	53.95	61.57	7.62	74.00	12.43	352	136	PK	Vertical
6	12363.66	44.12	51.96	7.84	54.00	2.04	348	159	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

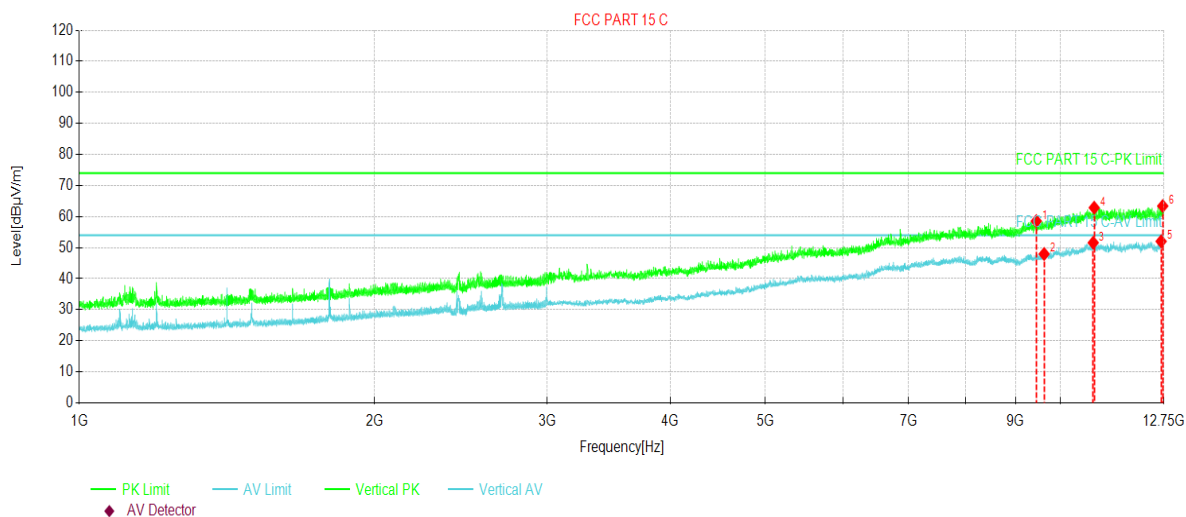


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	8407.59	55.84	57.54	1.70	74.00	16.46	346	162	PK	Horizontal
2	8739.09	45.72	47.26	1.54	54.00	6.74	352	153	AV	Horizontal
3	10717.13	43.71	50.95	7.24	54.00	3.05	183	167	AV	Horizontal
4	11082.75	54.70	61.87	7.17	74.00	12.13	174	138	PK	Horizontal
5	12316.13	43.65	51.48	7.83	54.00	2.52	268	142	AV	Horizontal
6	12395.34	55.22	63.06	7.84	74.00	10.94	235	158	PK	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

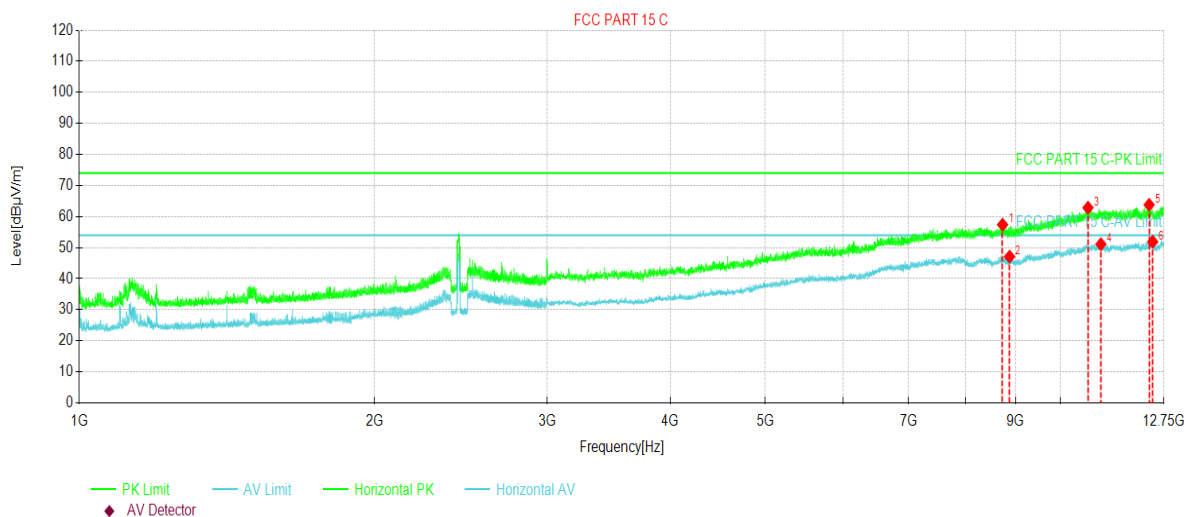


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	9448.41	55.41	58.54	3.13	74.00	15.46	183	153	PK	Vertical
2	9623.91	44.32	47.94	3.62	54.00	6.06	192	164	AV	Vertical
3	10798.78	44.43	51.57	7.14	54.00	2.43	231	138	AV	Vertical
4	10824.38	55.67	62.85	7.18	74.00	11.15	208	142	PK	Vertical
5	12664.69	43.76	52.02	8.26	54.00	1.98	346	168	AV	Vertical
6	12712.22	55.01	63.40	8.39	74.00	10.60	352	165	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

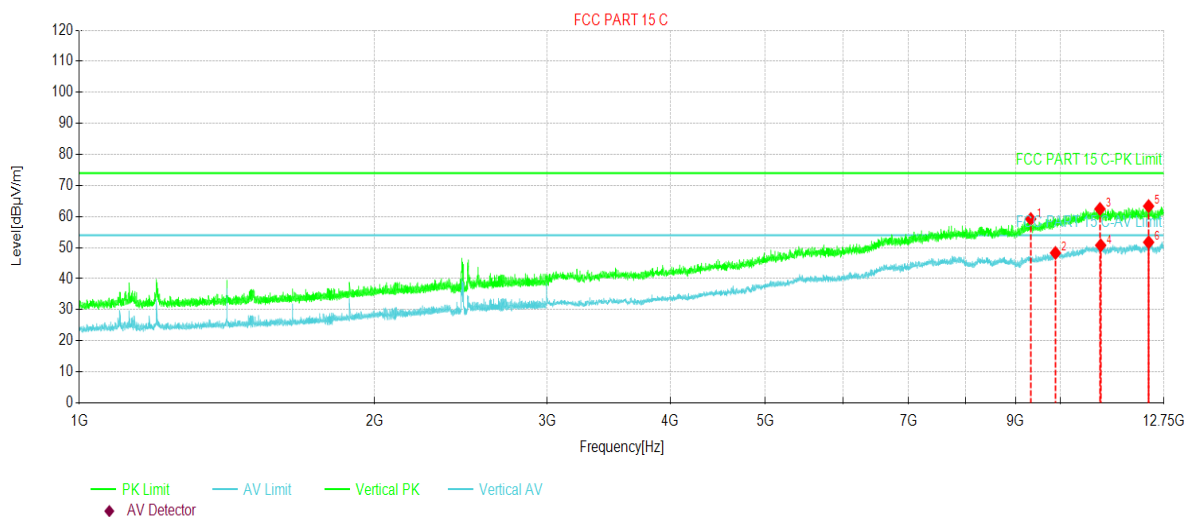


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	8730.56	55.81	57.39	1.58	74.00	16.61	264	152	PK	Horizontal
2	8874.38	45.75	47.09	1.34	54.00	6.91	275	158	AV	Horizontal
3	10667.16	55.70	62.85	7.15	74.00	11.15	164	139	PK	Horizontal
4	10995.00	43.64	51.10	7.46	54.00	2.90	186	145	AV	Horizontal
5	12313.69	55.96	63.79	7.83	74.00	10.21	6	158	PK	Horizontal
6	12416.06	44.22	51.89	7.67	54.00	2.11	359	152	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

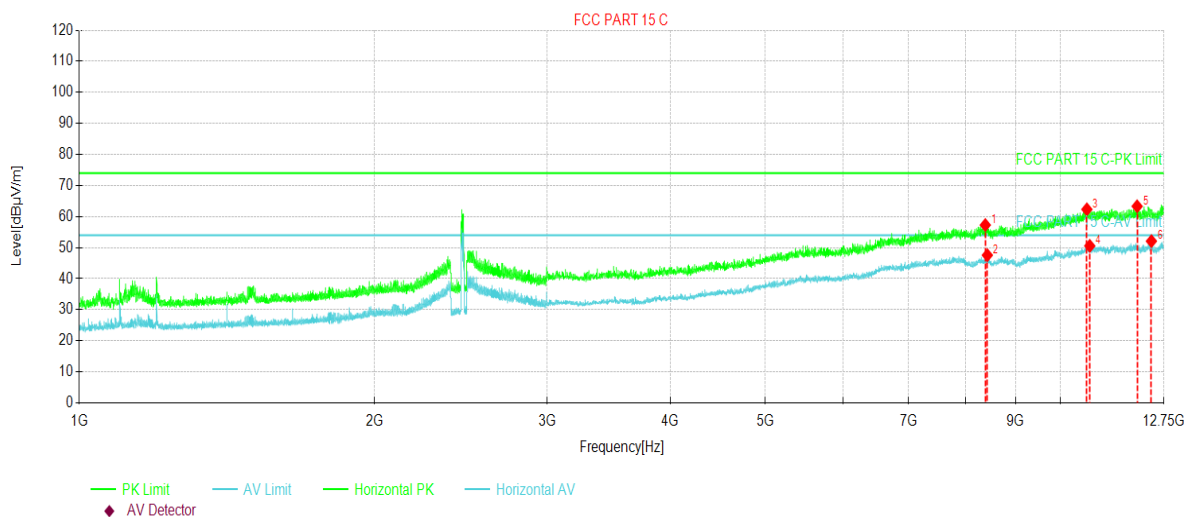


Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity	
1	9326.53	56.05	59.19	3.14	74.00	14.81	356	164	PK	Vertical	
2	9883.50	43.30	48.28	4.98	54.00	5.72	9	168	AV	Vertical	
3	10970.63	55.03	62.45	7.42	74.00	11.55	24	143	PK	Vertical	
4	10991.34	43.28	50.74	7.46	54.00	3.26	32	147	AV	Vertical	
5	12297.84	55.52	63.35	7.83	74.00	10.65	168	152	PK	Vertical	
6	12299.06	43.90	51.73	7.83	54.00	2.27	168	155	AV	Vertical	

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11g High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

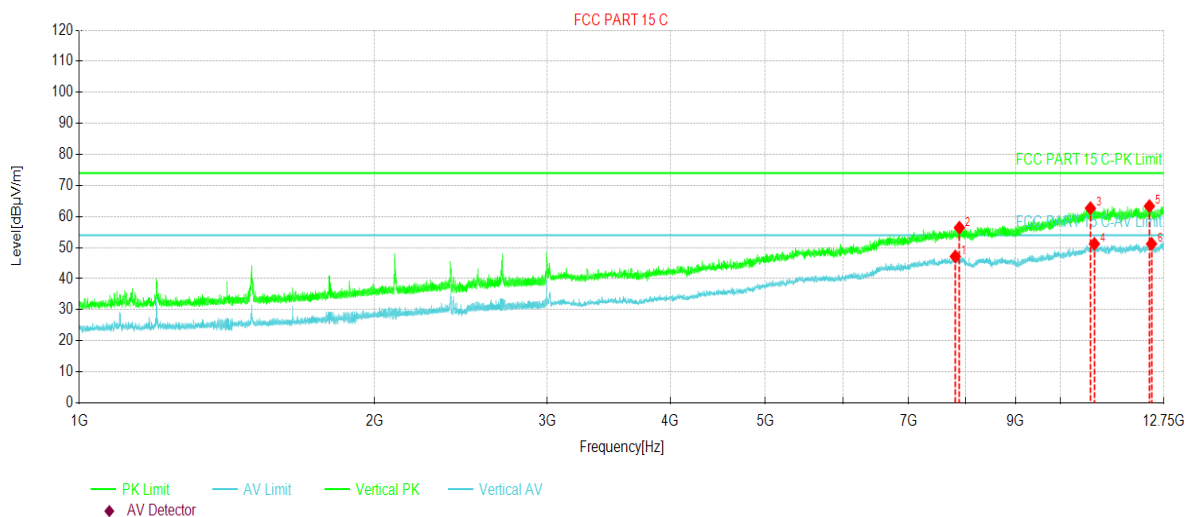


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	8383.22	55.53	57.27	1.74	74.00	16.73	65	143	PK	Horizontal
2	8423.44	45.96	47.57	1.61	54.00	6.43	48	138	AV	Horizontal
3	10639.13	55.24	62.31	7.07	74.00	11.69	189	159	PK	Horizontal
4	10712.25	43.30	50.55	7.25	54.00	3.45	196	164	AV	Horizontal
5	11971.22	55.63	63.31	7.68	74.00	10.69	286	146	PK	Horizontal
6	12379.50	44.25	52.09	7.84	54.00	1.91	247	152	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

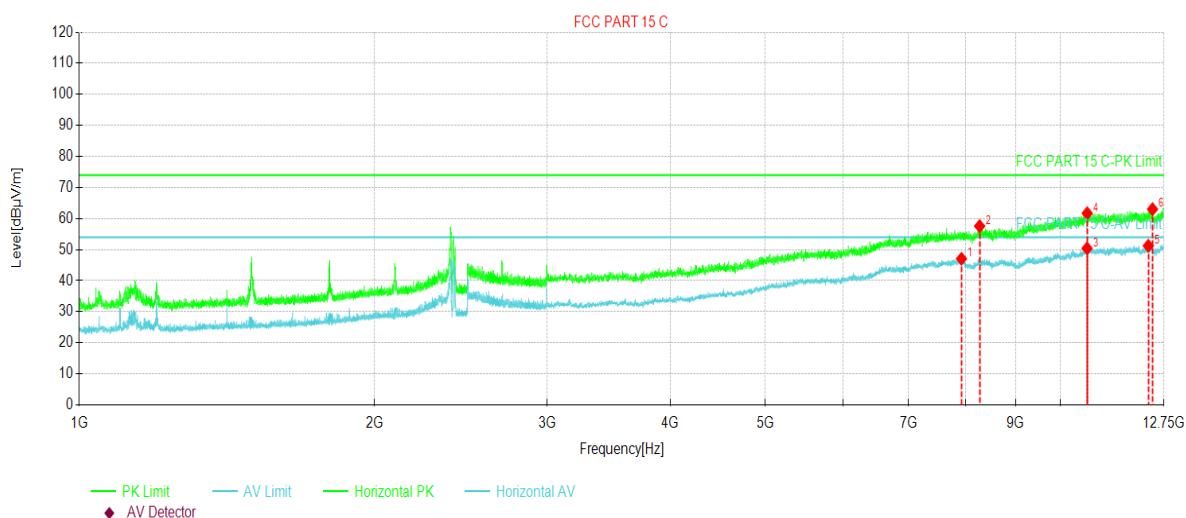


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7812.84	46.12	47.14	1.02	54.00	6.86	238	130	AV	Vertical
2	7888.41	55.39	56.40	1.01	74.00	17.60	192	153	PK	Vertical
3	10728.09	55.46	62.69	7.23	74.00	11.31	169	167	PK	Vertical
4	10829.25	44.00	51.19	7.19	54.00	2.81	174	156	AV	Vertical
5	12321.00	55.52	63.35	7.83	74.00	10.65	356	167	PK	Vertical
6	12383.16	43.36	51.20	7.84	54.00	2.80	348	157	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

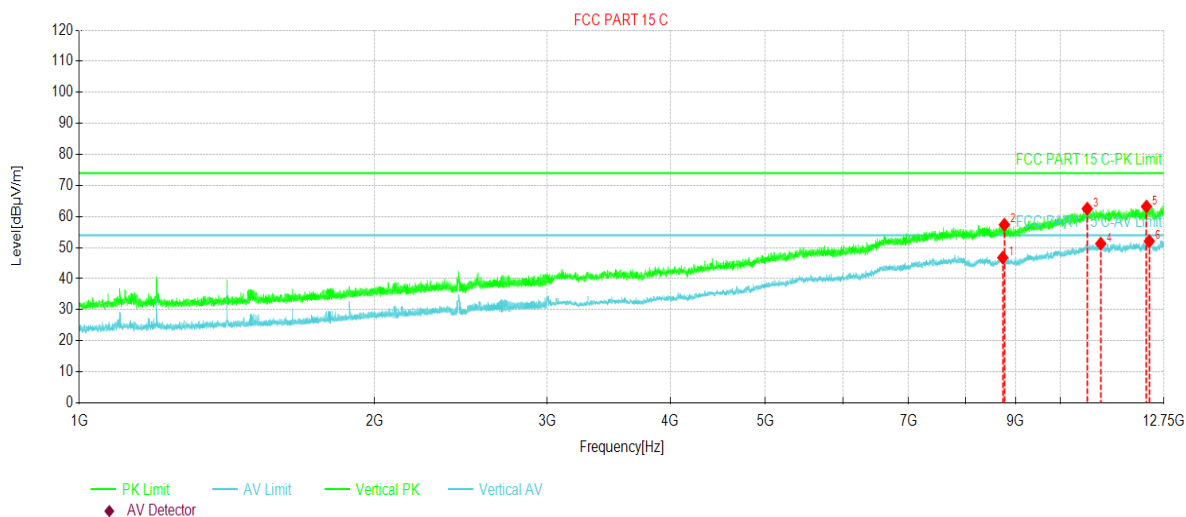


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7927.41	46.08	47.06	0.98	54.00	6.94	346	164	AV	Horizontal
2	8272.31	56.10	57.57	1.47	74.00	16.43	356	138	PK	Horizontal
3	10645.22	43.31	50.39	7.08	54.00	3.61	338	126	AV	Horizontal
4	10647.66	54.61	61.70	7.09	74.00	12.30	346	147	PK	Horizontal
5	12289.31	43.39	51.23	7.84	54.00	2.77	186	157	AV	Horizontal
6	12411.19	55.30	63.02	7.72	74.00	10.98	178	166	PK	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

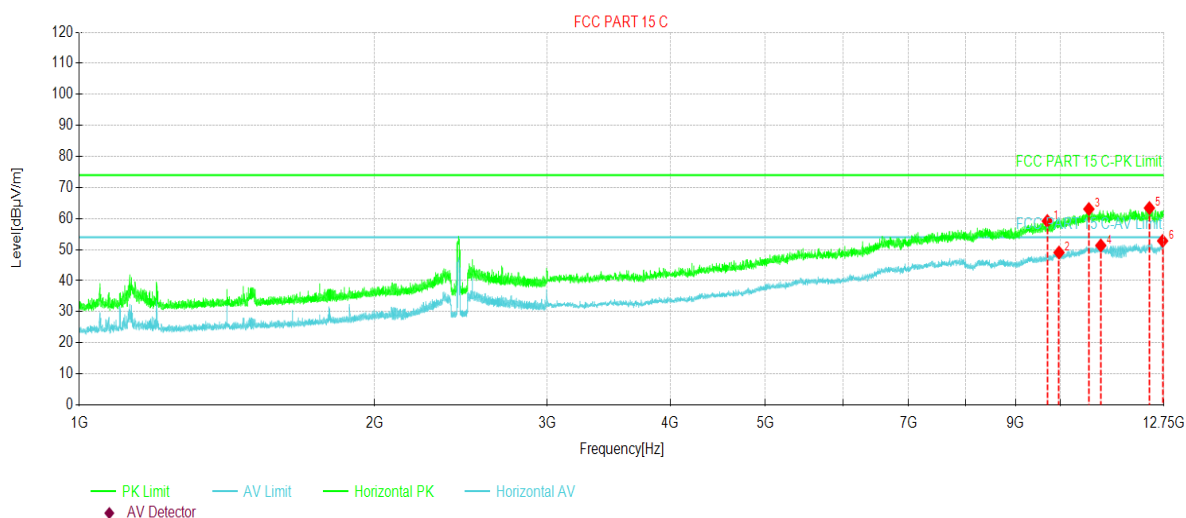


Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity	
1	8734.22	45.21	46.77	1.56	54.00	7.23	274	154	AV	Vertical	
2	8767.13	55.95	57.38	1.43	74.00	16.62	286	149	PK	Vertical	
3	10647.66	55.43	62.52	7.09	74.00	11.48	349	138	PK	Vertical	
4	10992.56	43.81	51.27	7.46	54.00	2.73	338	135	AV	Vertical	
5	12236.91	55.37	63.23	7.86	74.00	10.77	213	167	PK	Vertical	
6	12317.34	44.24	52.07	7.83	54.00	1.93	197	162	AV	Vertical	

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

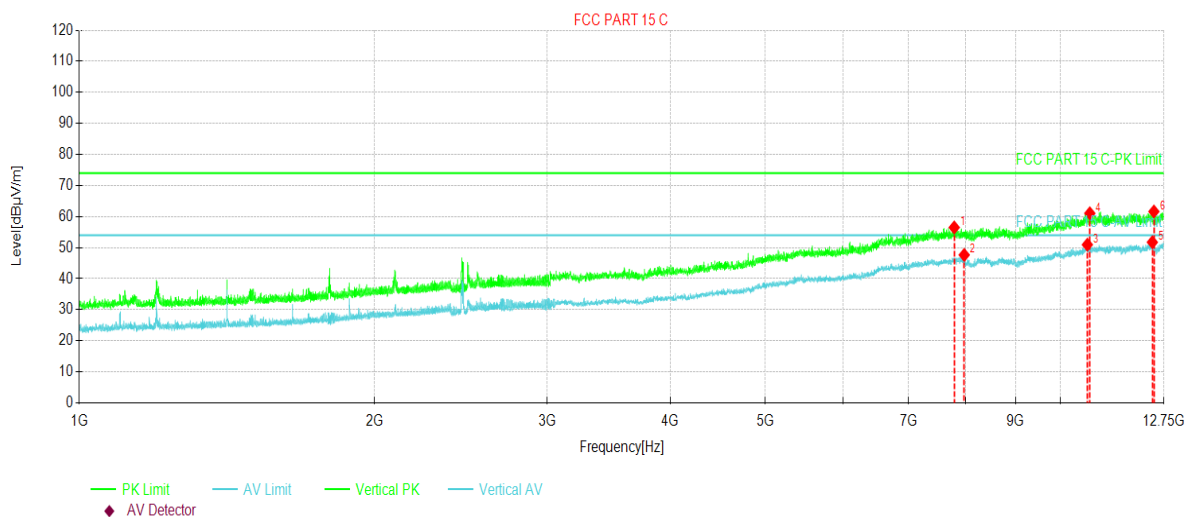


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	9695.81	55.47	59.21	3.74	74.00	14.79	334	157	PK	Horizontal
2	9966.38	44.09	49.06	4.97	54.00	4.94	328	153	AV	Horizontal
3	10689.09	55.83	63.06	7.23	74.00	10.94	16	145	PK	Horizontal
4	10992.56	43.87	51.33	7.46	54.00	2.67	38	139	AV	Horizontal
5	12321.00	55.56	63.39	7.83	74.00	10.61	178	167	PK	Horizontal
6	12709.78	44.42	52.81	8.39	54.00	1.19	186	164	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

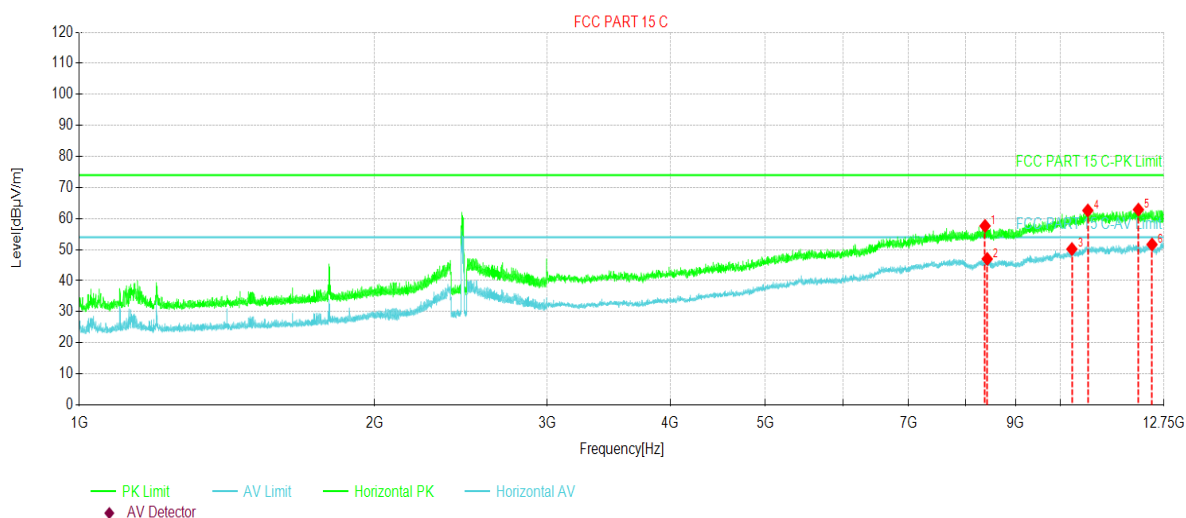


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7793.34	55.50	56.49	0.99	74.00	17.51	156	145	PK	Vertical
2	7978.59	46.72	47.64	0.92	54.00	6.36	165	143	AV	Vertical
3	10651.31	43.84	50.94	7.10	54.00	3.06	12	167	AV	Vertical
4	10713.47	53.81	61.05	7.24	74.00	12.95	352	162	PK	Vertical
5	12406.31	43.96	51.73	7.77	54.00	2.27	192	158	AV	Vertical
6	12451.41	54.33	61.61	7.28	74.00	12.39	198	149	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n20 High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

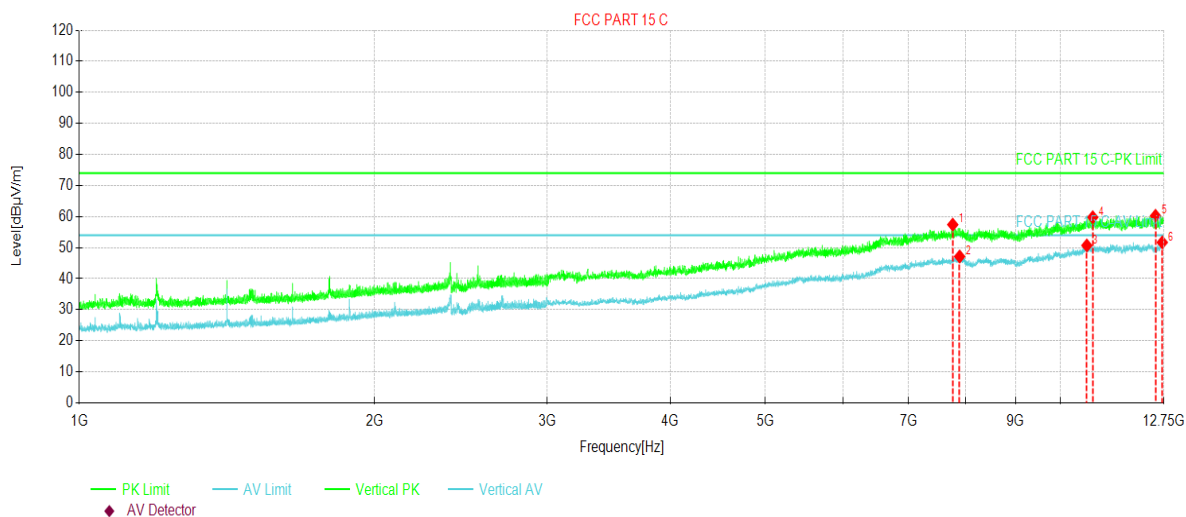


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	8378.34	55.89	57.63	1.74	74.00	16.37	86	162	PK	Horizontal
2	8421.00	45.36	46.98	1.62	54.00	7.02	89	168	AV	Horizontal
3	10272.28	44.07	50.18	6.11	54.00	3.82	164	143	AV	Horizontal
4	10663.50	55.45	62.59	7.14	74.00	11.41	172	138	PK	Horizontal
5	12006.56	55.15	62.87	7.72	74.00	11.13	182	152	PK	Horizontal
6	12397.78	43.80	51.64	7.84	54.00	2.36	184	156	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

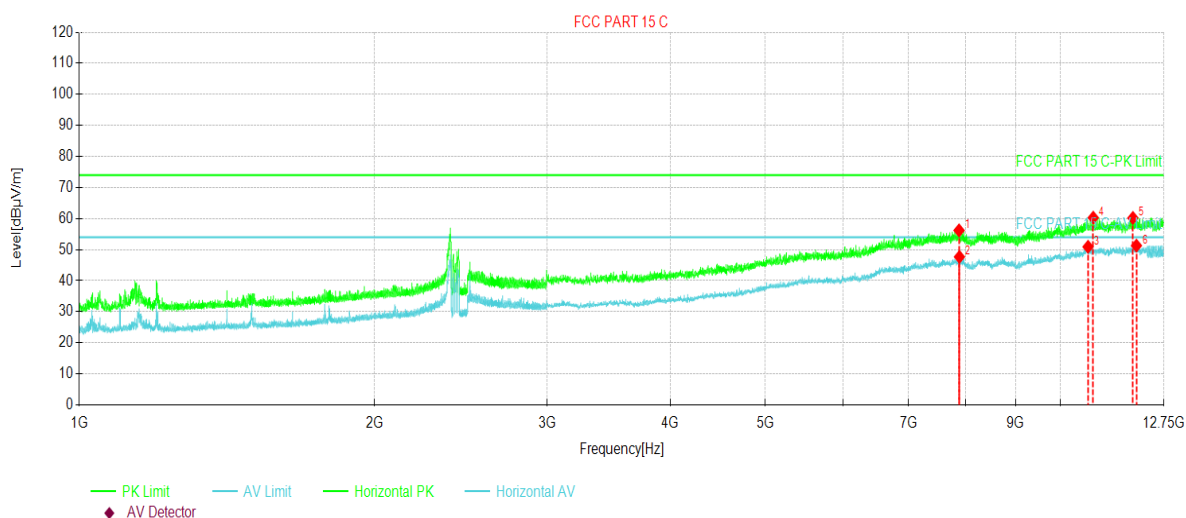


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7766.53	56.54	57.40	0.86	74.00	16.60	86	165	PK	Vertical
2	7893.28	46.12	47.13	1.01	54.00	6.87	93	162	AV	Vertical
3	10639.13	43.62	50.69	7.07	54.00	3.31	336	138	AV	Vertical
4	10787.81	52.62	59.77	7.15	74.00	14.23	342	142	PK	Vertical
5	12498.94	53.47	60.24	6.77	74.00	13.76	189	155	PK	Vertical
6	12698.81	43.30	51.68	8.38	54.00	2.32	194	158	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 Low CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

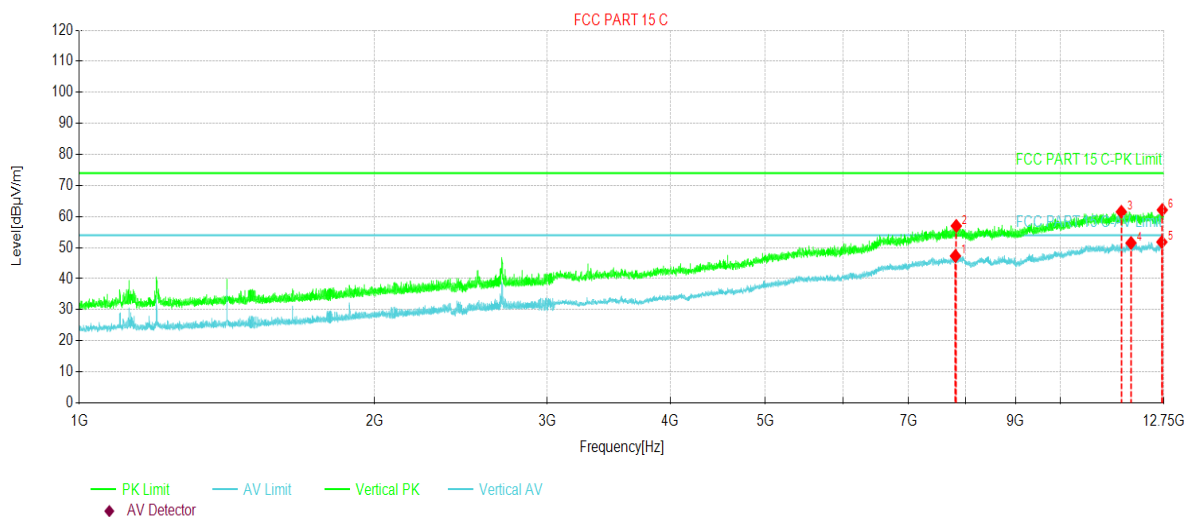


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7882.31	55.18	56.19	1.01	74.00	17.81	264	146	PK	Horizontal
2	7889.63	46.66	47.67	1.01	54.00	6.33	271	152	AV	Horizontal
3	10668.38	43.75	50.91	7.16	54.00	3.09	186	146	AV	Horizontal
4	10800.00	53.14	60.28	7.14	74.00	13.72	169	142	PK	Horizontal
5	11853.00	52.55	60.21	7.66	74.00	13.79	325	153	PK	Horizontal
6	11951.72	43.66	51.28	7.62	54.00	2.72	336	156	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

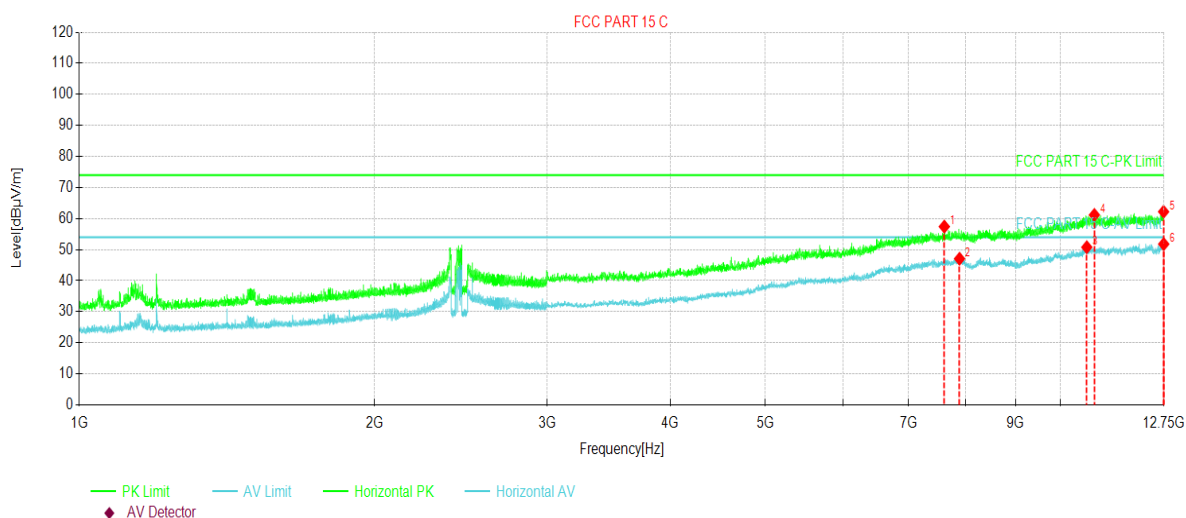


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7815.28	46.29	47.31	1.02	54.00	6.69	289	173	AV	Vertical
2	7831.13	55.97	56.99	1.02	74.00	17.01	290	168	PK	Vertical
3	11534.91	53.96	61.51	7.55	74.00	12.49	356	157	PK	Vertical
4	11800.59	43.62	51.50	7.88	54.00	2.50	351	165	AV	Vertical
5	12687.84	43.46	51.80	8.34	54.00	2.20	18	158	AV	Vertical
6	12700.03	53.74	62.12	8.38	74.00	11.88	21	155	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 Mid CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%

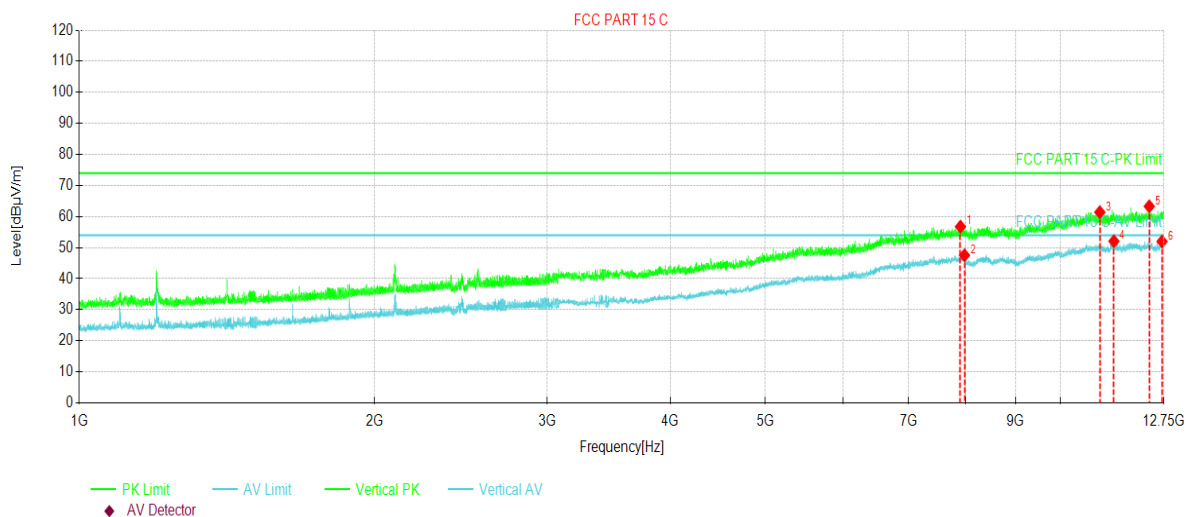


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7614.19	56.44	57.40	0.96	74.00	16.60	238	162	PK	Horizontal
2	7890.84	46.05	47.06	1.01	54.00	6.94	229	159	AV	Horizontal
3	10637.91	43.71	50.77	7.06	54.00	3.23	147	145	AV	Horizontal
4	10828.03	53.98	61.16	7.18	74.00	12.84	156	150	PK	Horizontal
5	12737.81	53.80	62.21	8.41	74.00	11.79	346	156	PK	Horizontal
6	12742.69	43.36	51.78	8.42	54.00	2.22	353	162	AV	Horizontal

Remark:

1. Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
2. The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 High CH
Test Frequency:	1 GHz ~ 25 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

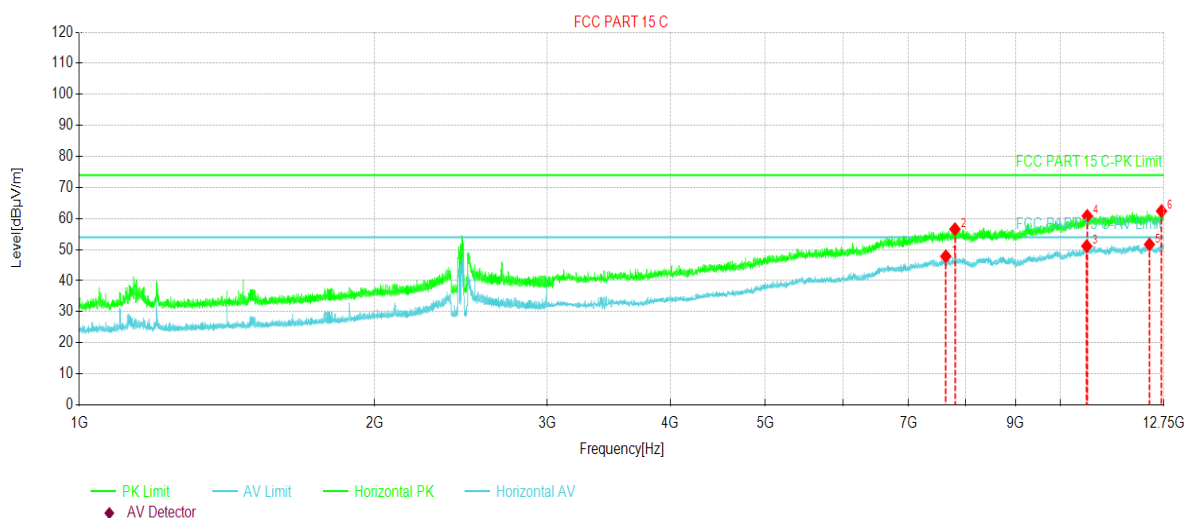


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Height [cm]	Trace	Polarity
1	7907.91	55.74	56.74	1.00	74.00	17.26	169	145	PK	Vertical
2	7983.47	46.61	47.53	0.92	54.00	6.47	174	152	AV	Vertical
3	10966.97	54.00	61.41	7.41	74.00	12.59	256	138	PK	Vertical
4	11336.25	44.31	52.06	7.75	54.00	1.94	273	146	AV	Vertical
5	12316.13	55.47	63.30	7.83	74.00	10.7	36	153	PK	Vertical
6	12691.50	43.62	51.97	8.35	54.00	2.03	25	157	AV	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

Product Name:	Panel PC	Product Model:	TD-1050 PRO
Test By:	Mike	Test mode:	802.11n40 High CH
Test Frequency:	1 GHz ~ 25 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]	Angle [°]	Height [cm]	Trace	Polarity
1	7641.00	47.00	47.83	0.83	54.00	6.17	326	164	AV	Horizontal
2	7806.75	55.56	56.58	1.02	74.00	17.42	338	158	PK	Horizontal
3	10636.69	44.06	51.12	7.06	54.00	2.88	257	143	AV	Horizontal
4	10648.88	53.75	60.85	7.10	74.00	13.15	274	147	PK	Horizontal
5	12322.22	43.83	51.66	7.83	54.00	2.34	356	152	AV	Horizontal
6	12675.66	54.11	62.41	8.30	74.00	11.59	353	151	PK	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 12.75GHz are lower than the limit 20dB and not show in test report.

7 Appendix

The below Appendix was detail result tested by SGS-CSTC Standards Technical Services, Co., Ltd.Shenzhen Branch.(Date of Test: 2019/3/14-2019/5/9).

Appendix	Item
Appendix- 2.4G WLAN	2.4G WIFI