

FCC RF Test Report

(DTS)

Report No.: JYTSZ-R01-2500299

Applicant: Voxx Electronics Corporation

Address of Applicant: 2365 Pontiac Road, Auburn Hills, Michigan 48326 - USA

Equipment Under Test (EUT)

Product Name: A6868THD

Model No.: A6868THD

Trade Mark: N/A

FCC ID: EZSA6868THD

Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)

Date of Sample Receipt: 01 Jul., 2025

Date of Test: 02 Jul., to 18 Aug., 2025

Date of Report Issued: 19 Aug., 2025

Test Result: PASS

Tested by:

Robert Gu

Project Engineer
Senior Engineer

Date:

19 Aug., 2025

Reviewed by:

Date:

19 Aug., 2025

Approved by:

Janet Wei
Manager

Date:

19 Aug., 2025

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	19 Aug., 2025	Original

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3 General Information

3.1 Client Information

Applicant:	Voxx Electronics Corporation
Address:	2365 Pontiac Road, Auburn Hills, Michigan 48326 - USA
Manufacturer:	Nutek Coropration
Address:	no. 167, Lane 235, Bauchia Rd, Xindian District, New Taeipi City 23145, Taiwan
Factory:	Voxx Automotive Corporation
Address:	2351 J. Lawson Blvd, Orlando, FL 32824 - USA

3.2 General Description of E.U.T.

Product Name:	A6868THD
Model No.:	A6868THD
Operation Frequency:	908 MHz – 922 MHz
Channel Numbers:	8
Channel Separation:	2MHz
Modulation Technology:	DSSS
Antenna Type:	Internal Antenna
Antenna Gain:	2.15 dBi (declare by applicant)
Power Supply:	DC 12V
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Test Environment

Test Mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 12.0 Vdc,
Test Engineer:	Robin.Gu(Conducted measurement) Robin.Gu (Radiated measurement)

3.4 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	±4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	±5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	±4.5 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	4.7 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	5.34 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	3.39 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.15 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.30 dB

Note: All the measurement uncertainty value were shown with a coverage $k=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

3.6 Additions to, Deviations, or Exclusions from the Method

No

3.7 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>

3.8 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>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	01-03-2025	01-02-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-16-2024	12-15-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	09-09-2024	09-08-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-15-2025	01-14-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-15-2025	01-14-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-15-2025	01-14-2026
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	04-24-2025	04-23-2026
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	05-23-2025	05-22-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-21-2025	04-20-2026
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-21-2025	04-20-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	05-08-2025	05-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	09-10-2024	09-09-2025
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	

4 Measurement Setup and Procedure

4.1 Test Channel

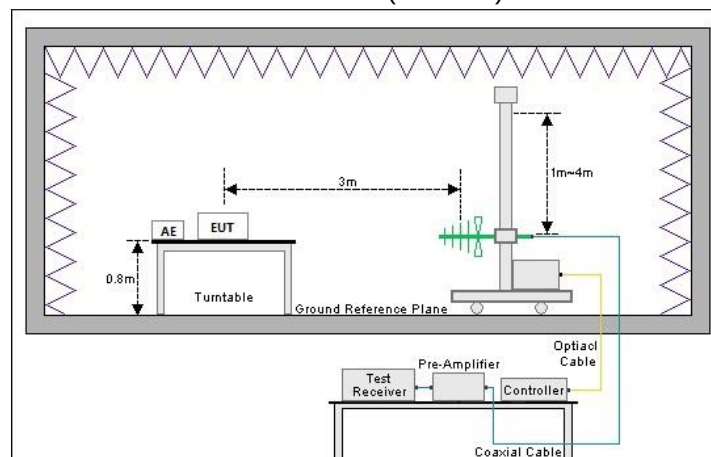
According to ANSI C63.10-2013 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	908	4	916	7	922

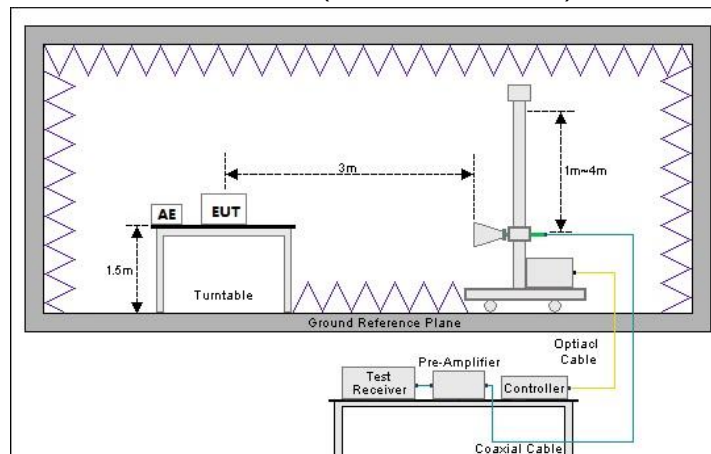
4.2 Test Setup

1) Radiated emission measurement:

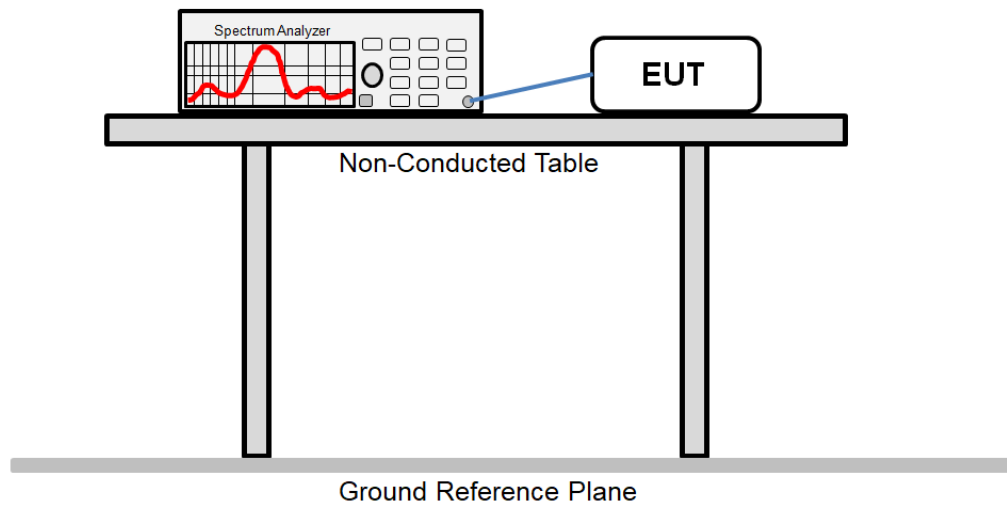
Below 1GHz (3m SAC)



Above 1GHz (3m SAC or 3m FAR)



2) Conducted test method



4.3 Test Procedure

Test method	Test step
Radiated emission	For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	N/A	N/A
Conducted Output Power	15.247 (b)(3)	See Section 5.3	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	See Section 5.4	Pass
Power Spectral Density	15.247 (e)	See Section 5.5	Pass
Spurious Emission	15.205 15.209 15.247 (d)	See Section 5.6	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 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 C63.10-2020 KDB 558074 D01 15.247 Meas Guidance v05r02		

5.1.2 Test Limit

Test items	Limit																														
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.																														
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.																														
99% Occupied Bandwidth	N/A																														
Power Spectral Density	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.																														
Spurious Emission	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)): <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr></table> Note: The more stringent limit applies at transition frequencies. <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Frequency (MHz)	Limit (dBµV/m)		Detector	@ 3m	@ 10m	30 – 88	40.0	30.0	Quasi-peak	88 – 216	43.5	33.5	Quasi-peak	216 – 960	46.0	36.0	Quasi-peak	960 – 1000	54.0	44.0	Quasi-peak	Frequency	Limit (dBµV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Frequency (MHz)	Limit (dBµV/m)		Detector																												
	@ 3m	@ 10m																													
30 – 88	40.0	30.0	Quasi-peak																												
88 – 216	43.5	33.5	Quasi-peak																												
216 – 960	46.0	36.0	Quasi-peak																												
960 – 1000	54.0	44.0	Quasi-peak																												
Frequency	Limit (dBµV/m) @ 3m																														
	Average	Peake																													
Above 1 GHz	54.0	74.0																													

5.2 Antenna requirement

Standard requirement:	FCC Part 15 C Section 15.203 /247(b)(4)
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 EUT antenna is an Internal antenna which cannot replace by end-user, the best case gain of the antenna is 2.15 dBi. See product internal photos for details.	

5.3 Conducted Output Power

Test Channel	Maximum Output Power (dBm)	Limit(dBm)	Result
Lowest channel	20.18	30.00	Pass
Middle channel	19.95		
Highest channel	19.82		

Test plot as follows:

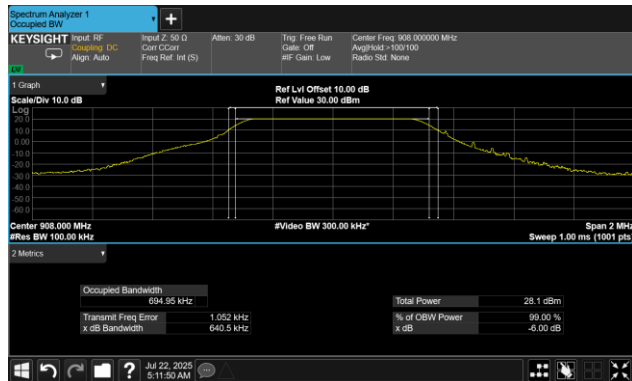


5.4 Emission Bandwidth

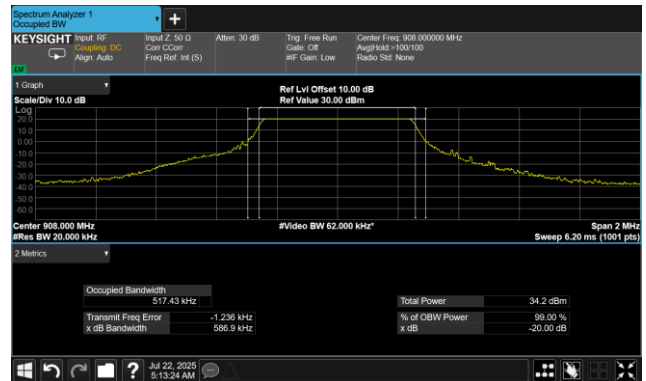
Test Channel	6dB Emission Bandwidth (MHz)	Limit (kHz)	Result
Lowest channel	0.6405	>500	Pass
Middle channel	0.6489		
Highest channel	0.6407		
Test Channel	99% Occupy Bandwidth (MHz)	Limit (kHz)	Result
Lowest channel	0.51743	N/A	N/A
Middle channel	0.52227		
Highest channel	0.51773		

Test plot as follows:

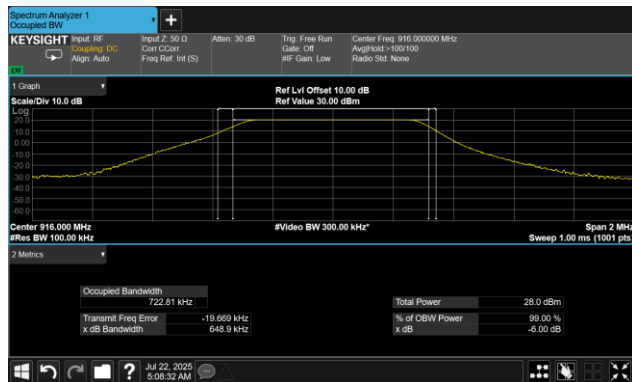
6dB EBW
Lowest channel



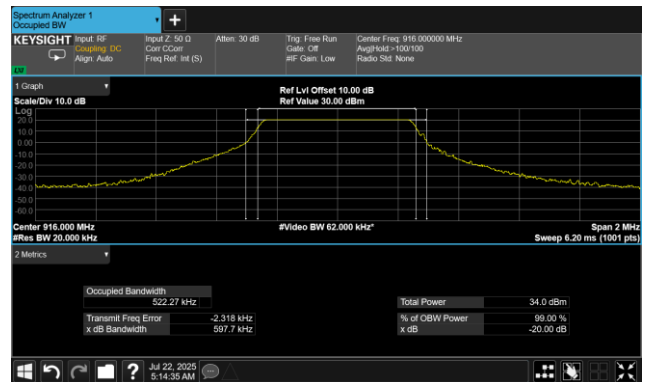
99% OBW
Lowest channel



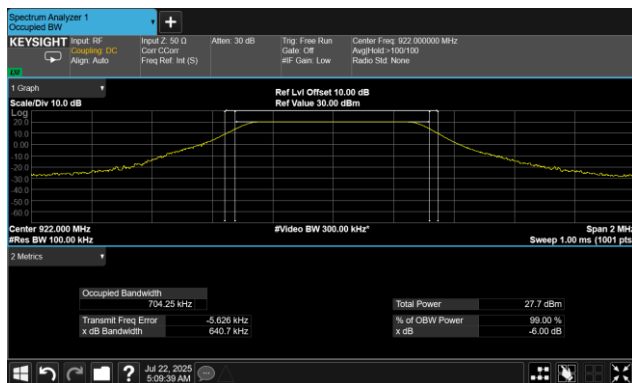
Middle channel



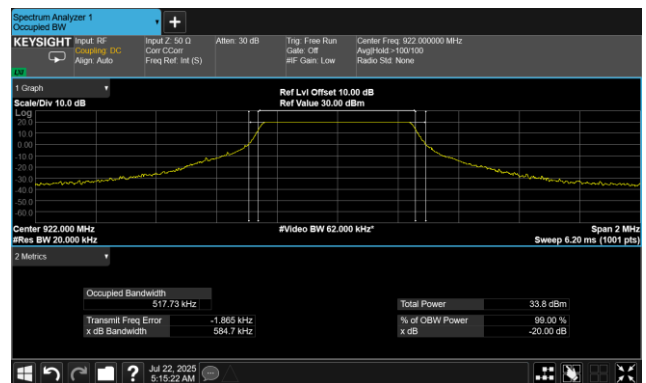
Middle channel



Highest channel



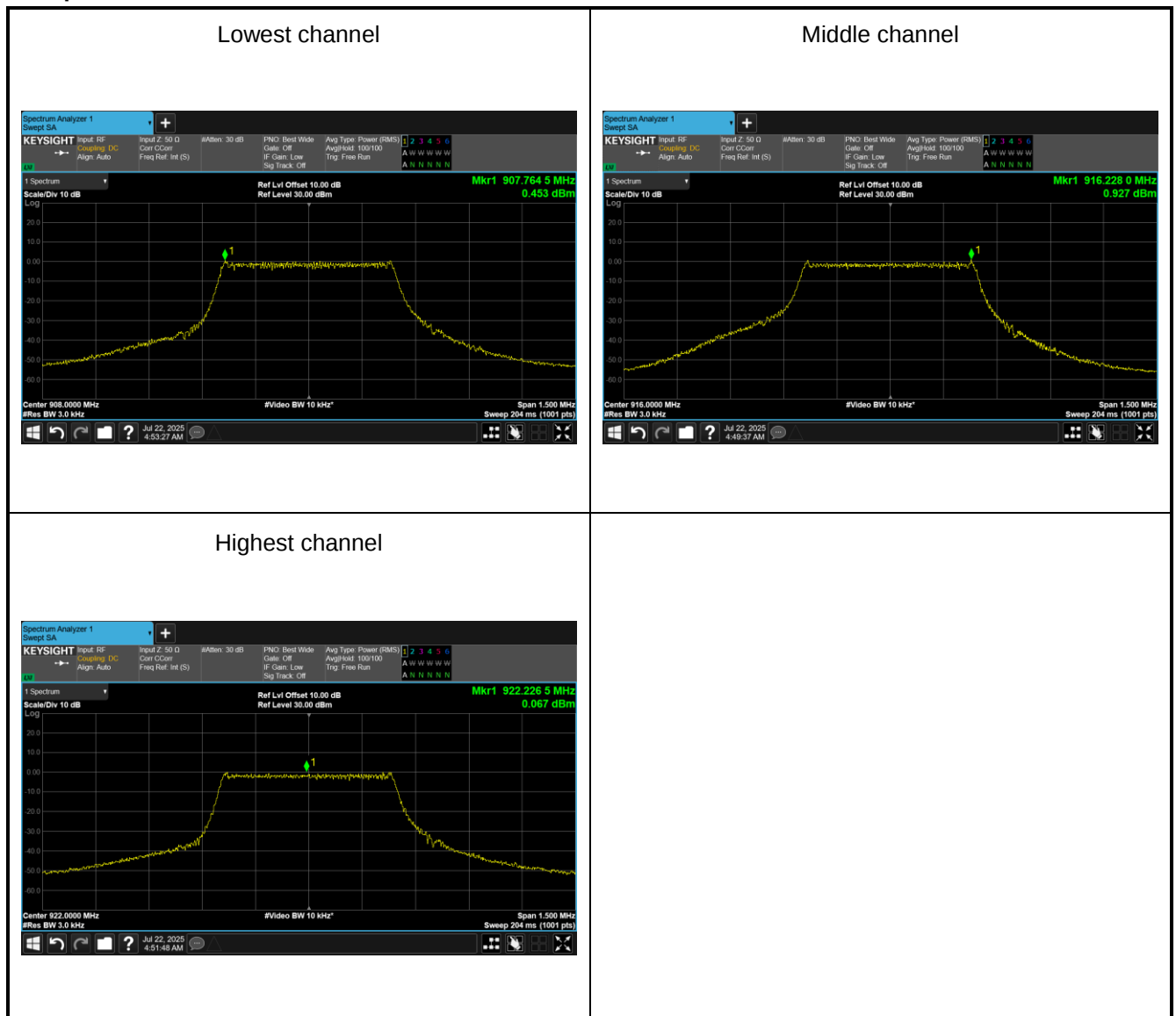
Highest channel



5.5 Power Spectral Density

Test Channel	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Lowest channel	0.453	8.00	Pass
Middle channel	0.927		
Highest channel	0.067		

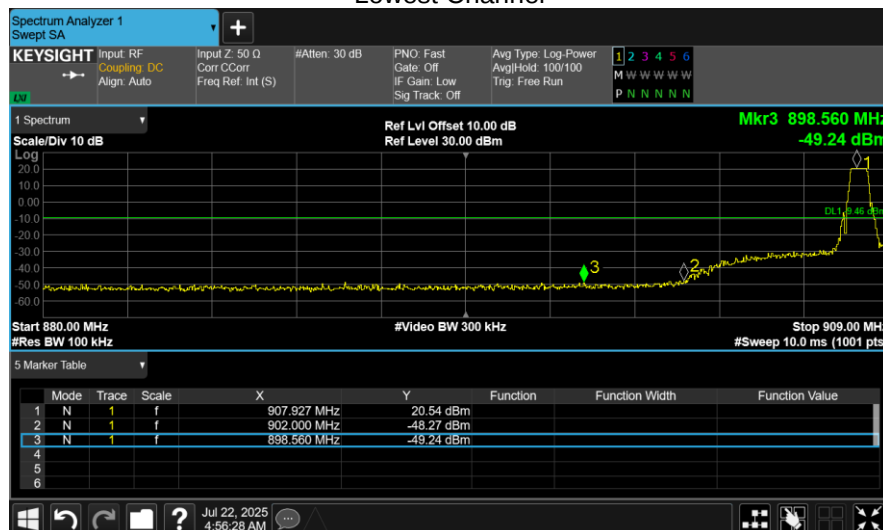
Test plot as follows:



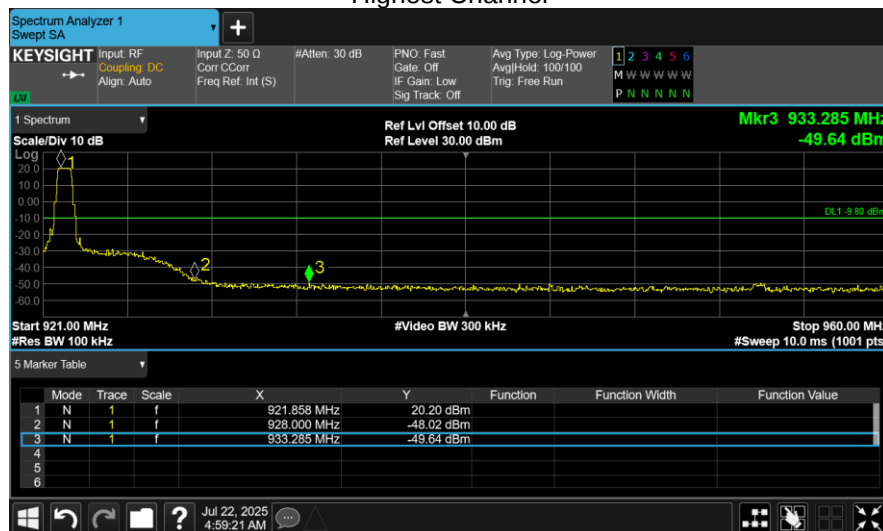
5.6 Spurious Emission

5.6.1 Band-edge Emission

Lowest Channel

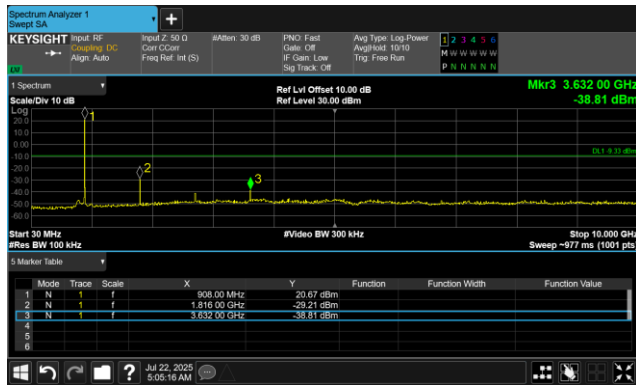


Highest Channel

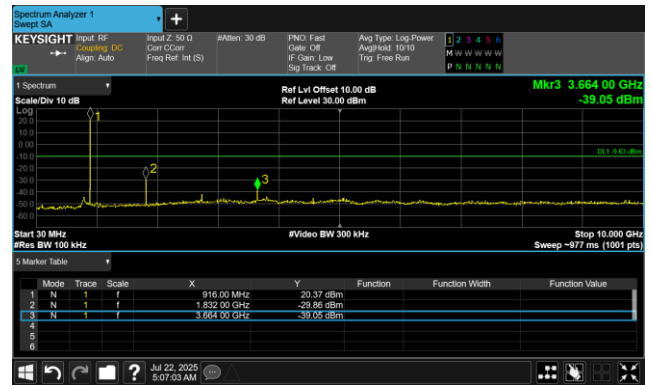


5.6.2 Conducted Spurious Emission

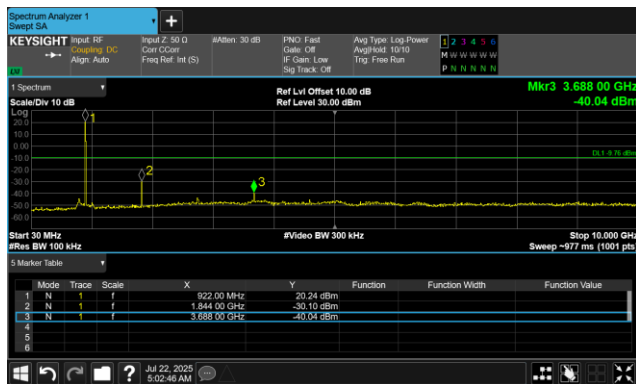
Lowest channel



Middle channel



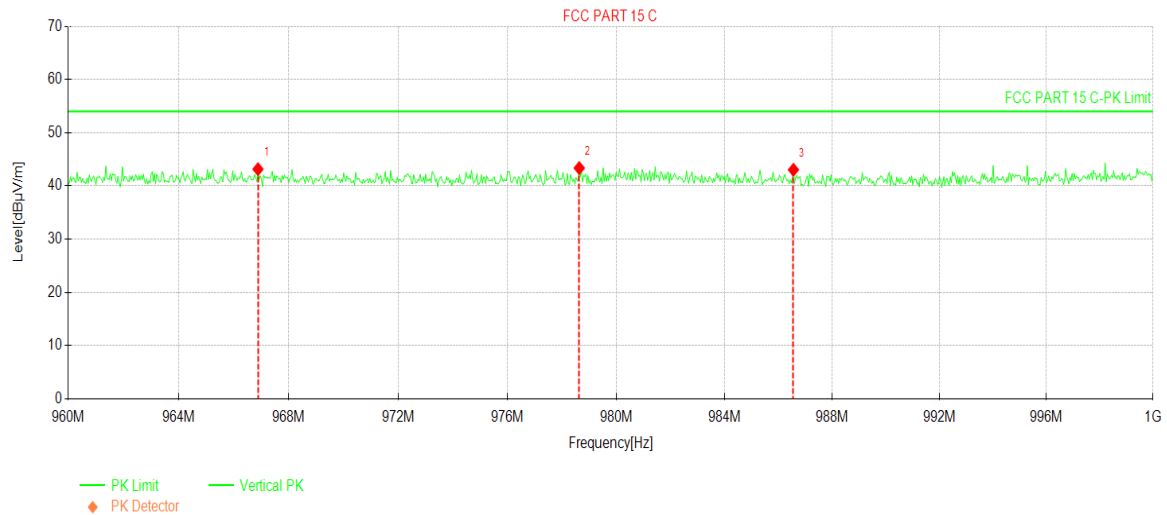
Highest channel



5.6.3 Emissions in Restricted Frequency Bands

908MHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



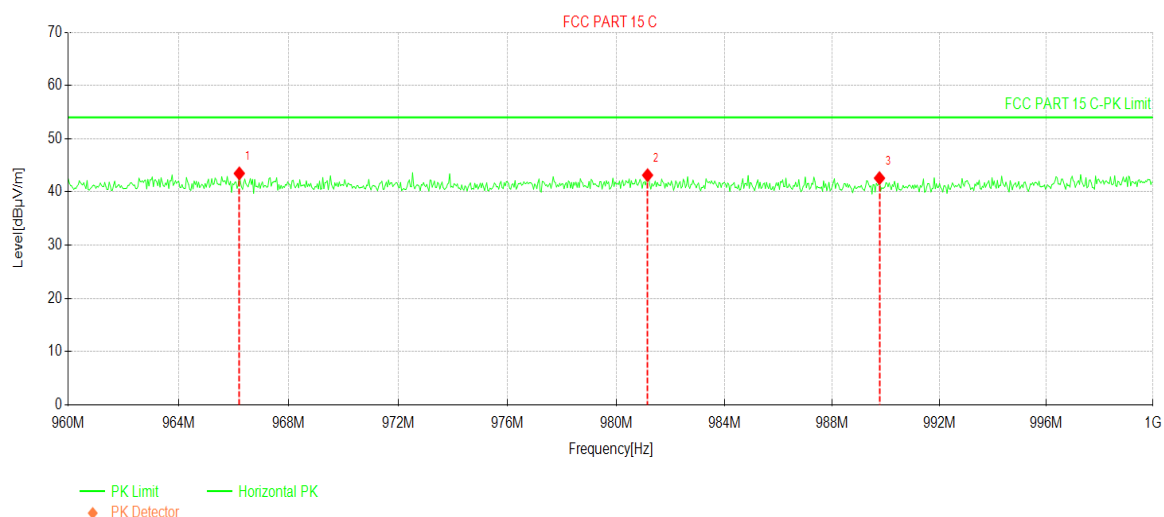
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	966.8800	15.20	27.96	43.16	54.00	10.84	PK	Vertical
2	978.6400	15.39	27.97	43.36	54.00	10.64	PK	Vertical
3	986.5600	15.08	27.96	43.04	54.00	10.96	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



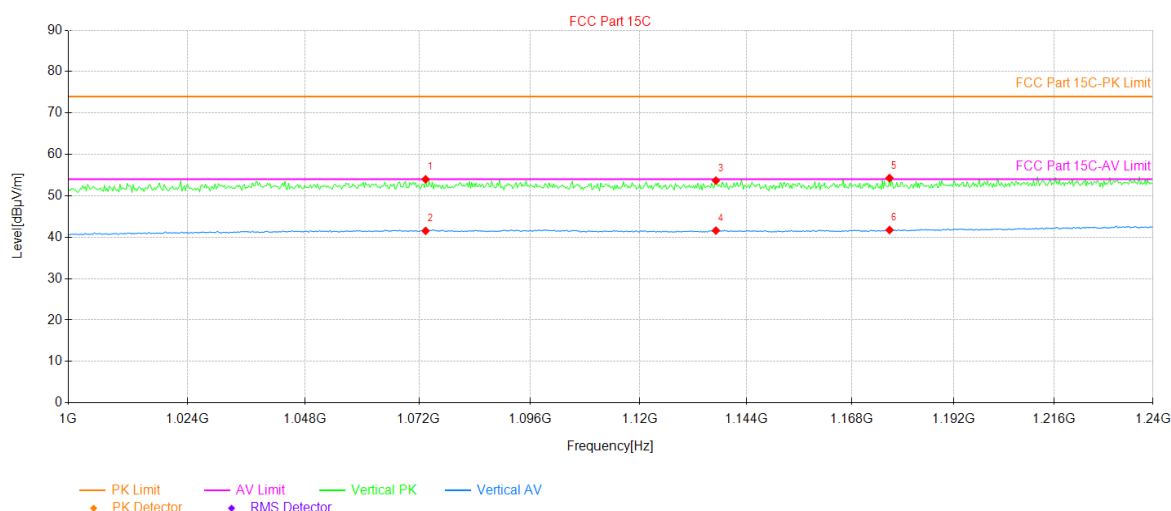
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	966.2000	15.54	27.94	43.48	54.00	10.52	PK	Horizontal
2	981.1600	15.17	27.97	43.14	54.00	10.86	PK	Horizontal
3	989.7600	14.64	27.95	42.59	54.00	11.41	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



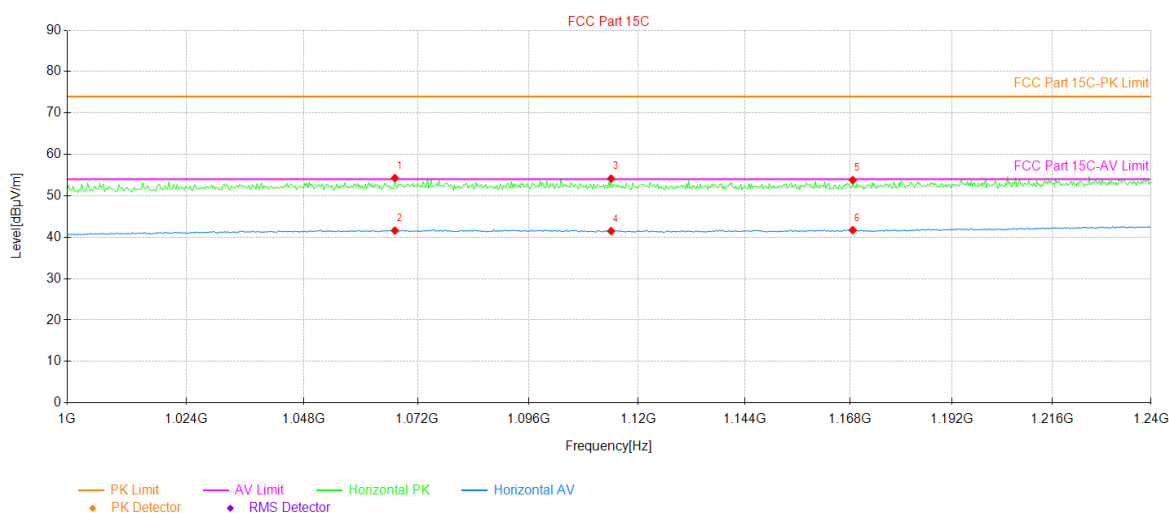
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1073.44	23.71	30.28	53.99	74.00	20.01	100	PK	PASS	Vertical
2	1073.44	11.26	30.28	41.54	54.00	12.46	50	AV	PASS	Vertical
3	1137.04	23.10	30.58	53.68	74.00	20.32	330	PK	PASS	Vertical
4	1137.04	11.03	30.58	41.61	54.00	12.39	20	AV	PASS	Vertical
5	1176.88	23.62	30.67	54.29	74.00	19.71	230	PK	PASS	Vertical
6	1176.88	11.08	30.67	41.75	54.00	12.25	170	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



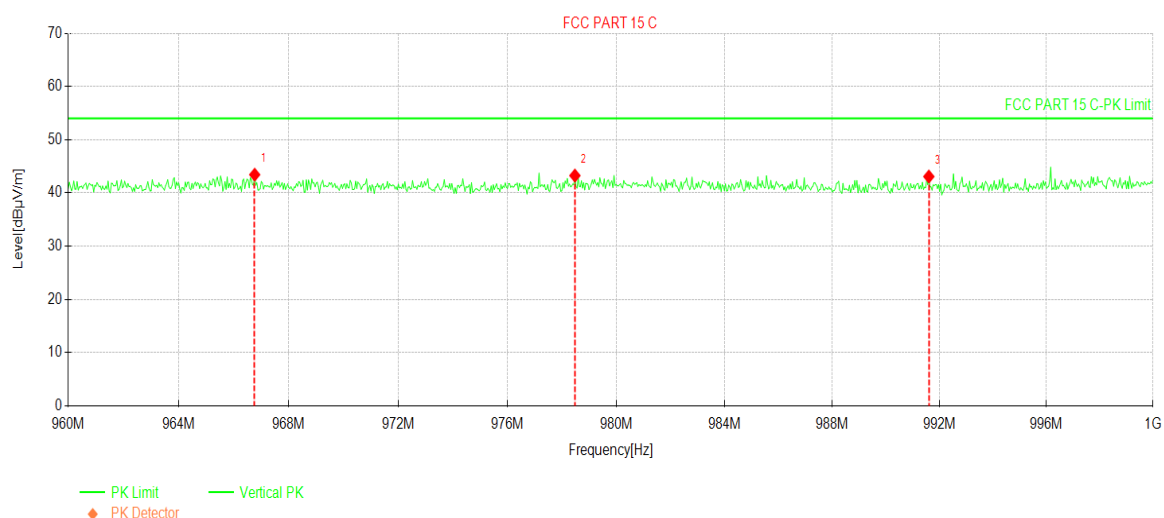
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1067.20	24.06	30.24	54.30	74.00	19.70	350	PK	PASS	Horizontal
2	1067.20	11.38	30.24	41.62	54.00	12.38	230	AV	PASS	Horizontal
3	1114.00	23.69	30.48	54.17	74.00	19.83	320	PK	PASS	Horizontal
4	1114.00	11.02	30.48	41.50	54.00	12.50	200	AV	PASS	Horizontal
5	1168.72	23.14	30.66	53.80	74.00	20.20	140	PK	PASS	Horizontal
6	1168.72	11.06	30.66	41.72	54.00	12.28	250	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

916MHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



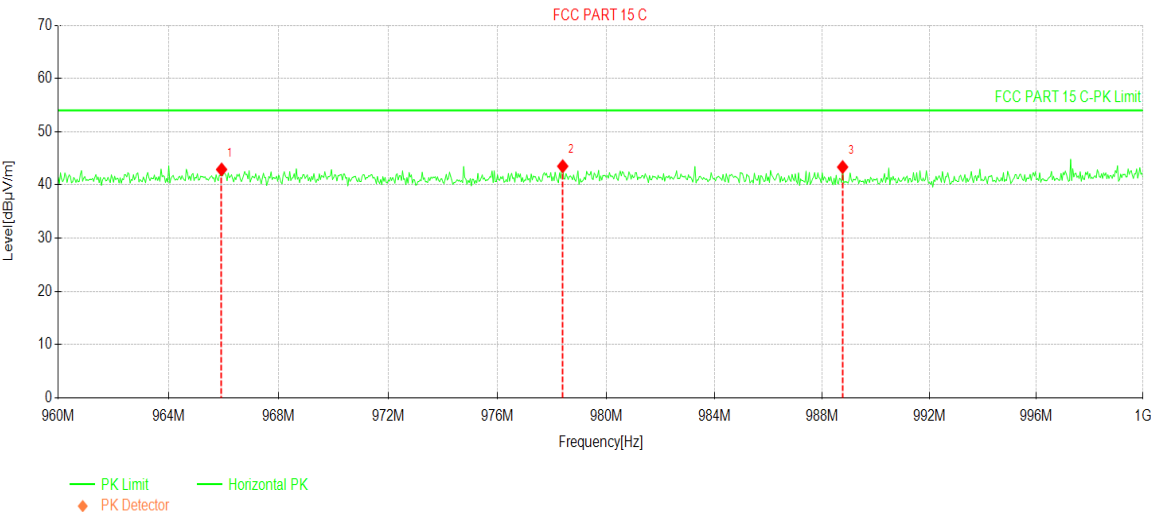
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	966.7600	15.47	27.96	43.43	54.00	10.57	PK	Vertical
2	978.4800	15.30	27.96	43.26	54.00	10.74	PK	Vertical
3	991.6000	15.06	28.02	43.08	54.00	10.92	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

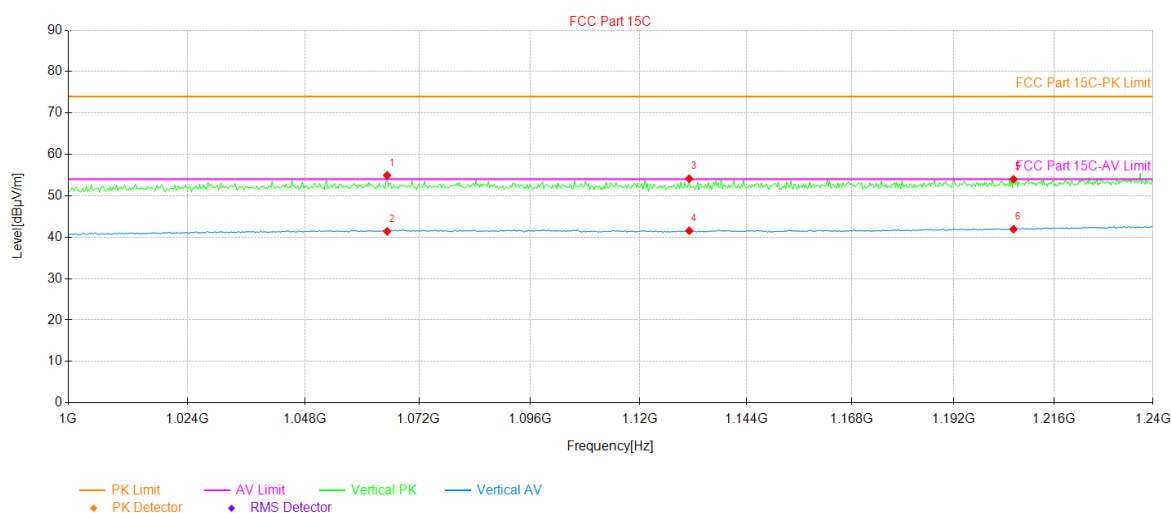
Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	965.9200	14.97	27.93	42.90	54.00	11.10	PK	Horizontal
2	978.4000	15.55	27.96	43.51	54.00	10.49	PK	Horizontal
3	988.7600	15.43	27.93	43.36	54.00	10.64	PK	Horizontal

Remark:
1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



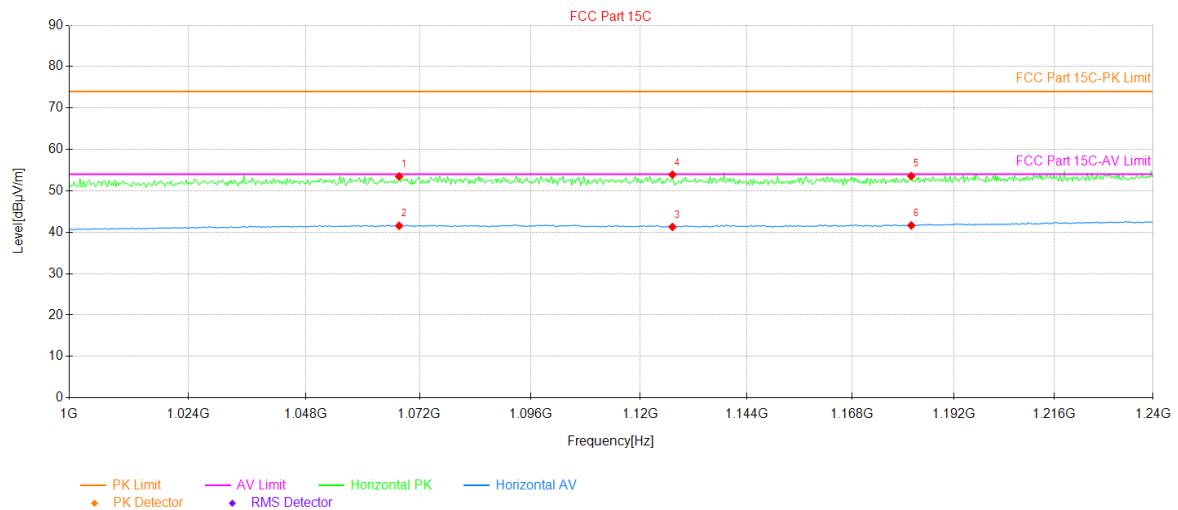
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1065.28	24.71	30.23	54.94	74.00	19.06	110	PK	PASS	Vertical
2	1065.28	11.20	30.23	41.43	54.00	12.57	170	AV	PASS	Vertical
3	1131.04	23.61	30.55	54.16	74.00	19.84	190	PK	PASS	Vertical
4	1131.04	11.01	30.55	41.56	54.00	12.44	230	AV	PASS	Vertical
5	1206.16	23.28	30.72	54.00	74.00	20.00	210	PK	PASS	Vertical
6	1206.16	11.22	30.72	41.94	54.00	12.06	200	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



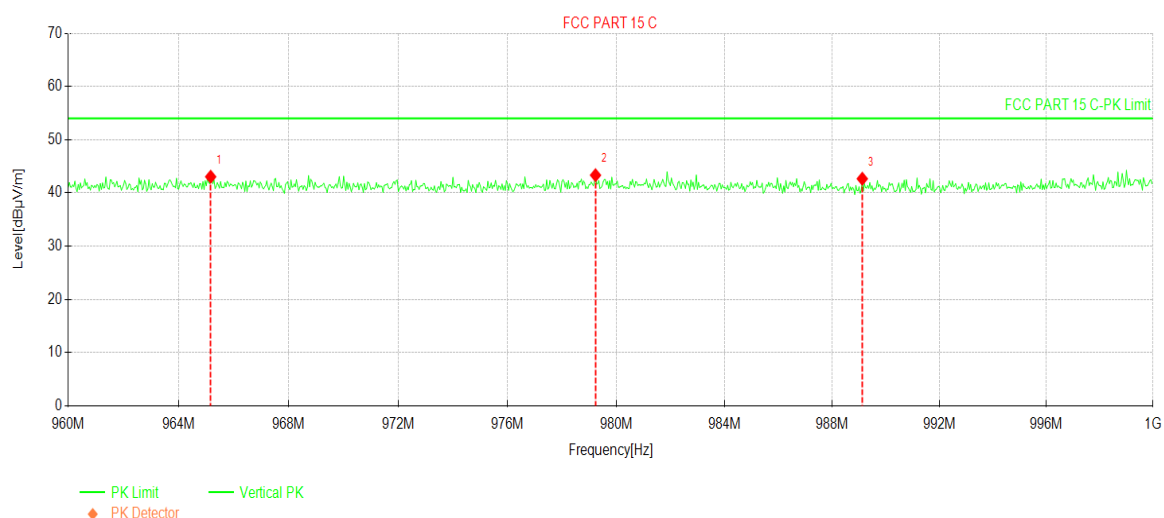
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1067.68	23.22	30.25	53.47	74.00	20.53	240	PK	PASS	Horizontal
2	1067.68	11.30	30.25	41.55	54.00	12.45	330	AV	PASS	Horizontal
3	1127.20	10.76	30.53	41.29	54.00	12.71	210	AV	PASS	Horizontal
4	1127.20	23.38	30.53	53.91	74.00	20.09	210	PK	PASS	Horizontal
5	1181.92	22.88	30.68	53.56	74.00	20.44	160	PK	PASS	Horizontal
6	1181.92	10.97	30.68	41.65	54.00	12.35	250	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

922MHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



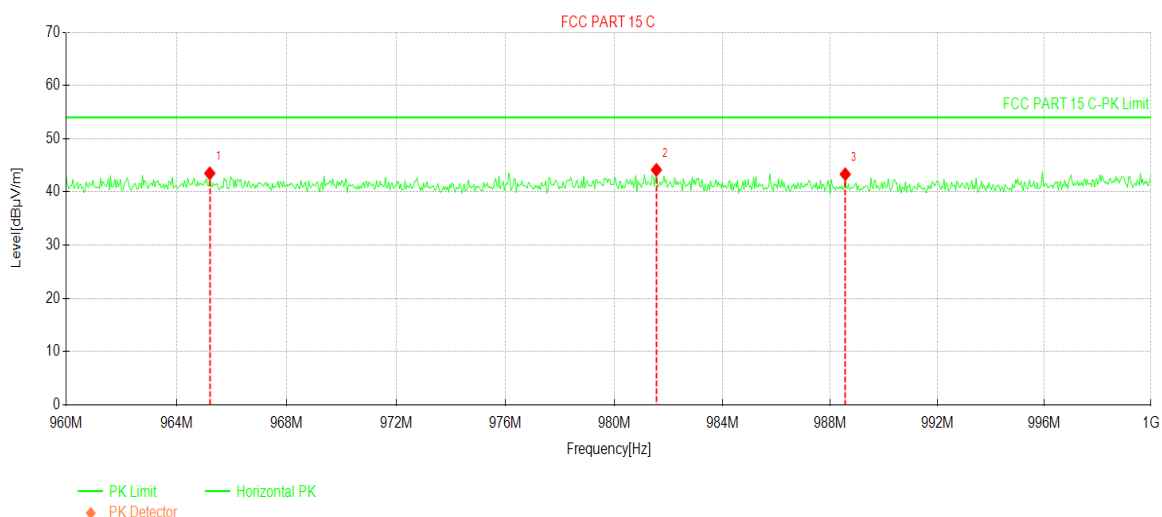
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	965.1600	15.13	27.91	43.04	54.00	10.96	PK	Vertical
2	979.2400	15.36	27.97	43.33	54.00	10.67	PK	Vertical
3	989.1200	14.74	27.92	42.66	54.00	11.34	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



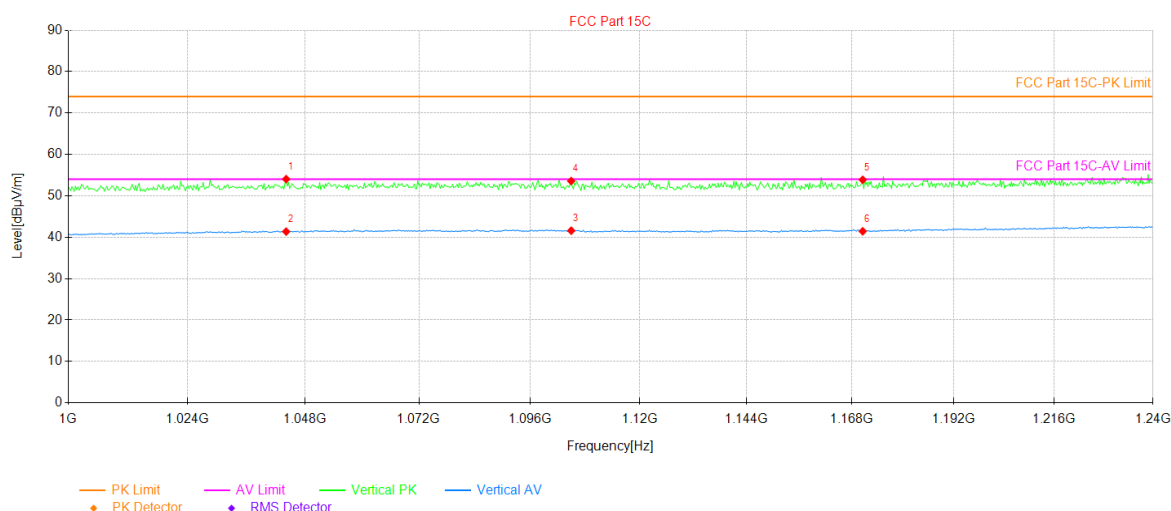
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	965.2000	15.59	27.91	43.50	54.00	10.50	PK	Horizontal
2	981.5600	16.17	27.98	44.15	54.00	9.85	PK	Horizontal
3	988.5600	15.39	27.93	43.32	54.00	10.68	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 12V		



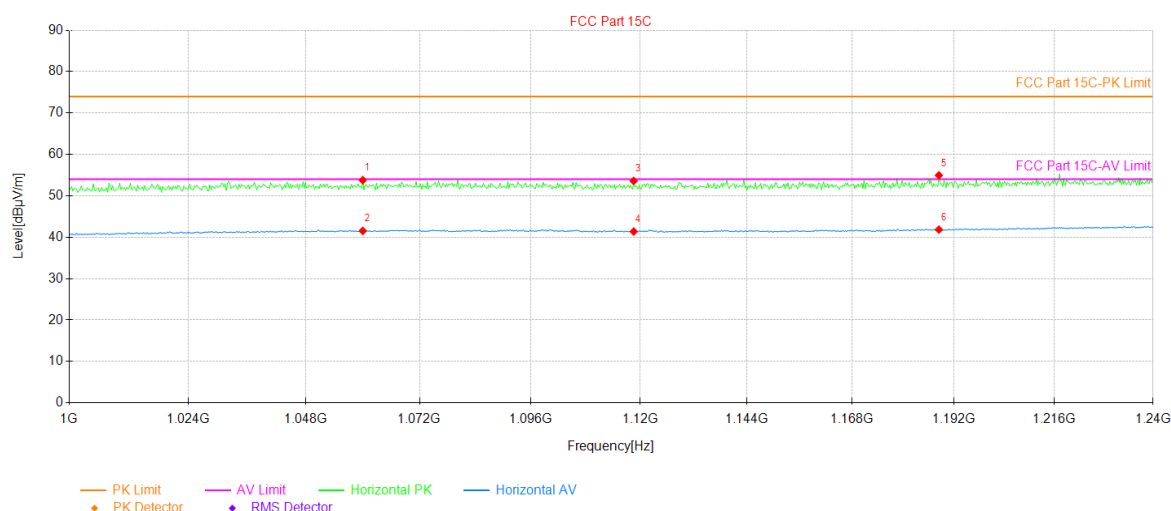
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1044.16	23.93	30.11	54.04	74.00	19.96	90	PK	PASS	Vertical
2	1044.16	11.26	30.11	41.37	54.00	12.63	200	AV	PASS	Vertical
3	1104.88	11.16	30.43	41.59	54.00	12.41	240	AV	PASS	Vertical
4	1104.88	23.14	30.43	53.57	74.00	20.43	60	PK	PASS	Vertical
5	1170.64	23.21	30.66	53.87	74.00	20.13	260	PK	PASS	Vertical
6	1170.64	10.78	30.66	41.44	54.00	12.56	150	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1060.00	23.58	30.20	53.78	74.00	20.22	220	PK	PASS	Horizontal
2	1060.00	11.34	30.20	41.54	54.00	12.46	90	AV	PASS	Horizontal
3	1118.56	23.10	30.50	53.60	74.00	20.40	350	PK	PASS	Horizontal
4	1118.56	10.88	30.50	41.38	54.00	12.62	120	AV	PASS	Horizontal
5	1188.40	24.25	30.70	54.95	74.00	19.05	270	PK	PASS	Horizontal
6	1188.40	11.14	30.70	41.84	54.00	12.16	170	AV	PASS	Horizontal

Remark:

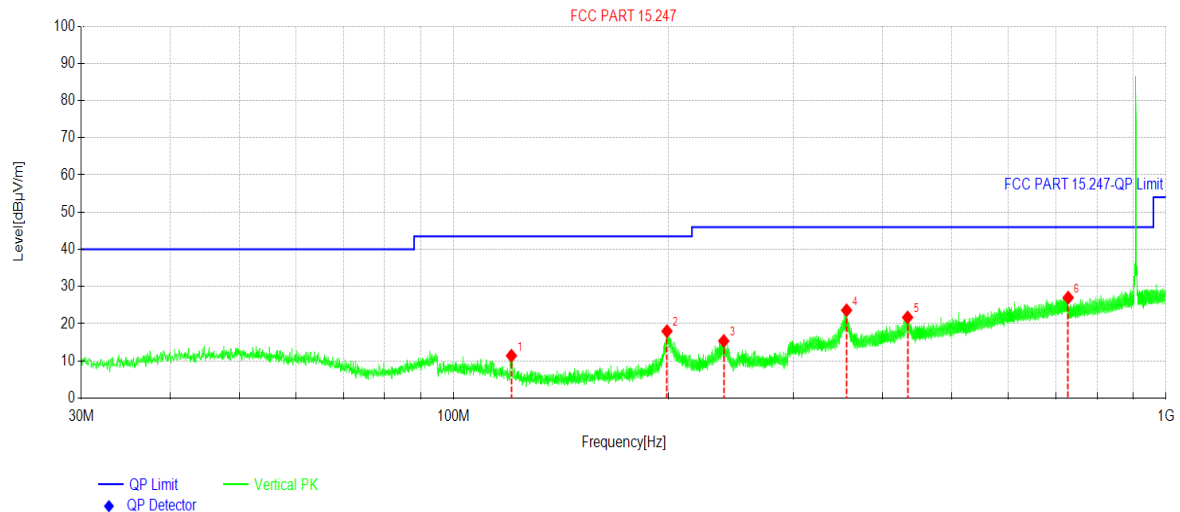
1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

5.6.4 Emissions in Non-restricted Frequency Bands

908MHz:

Below 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



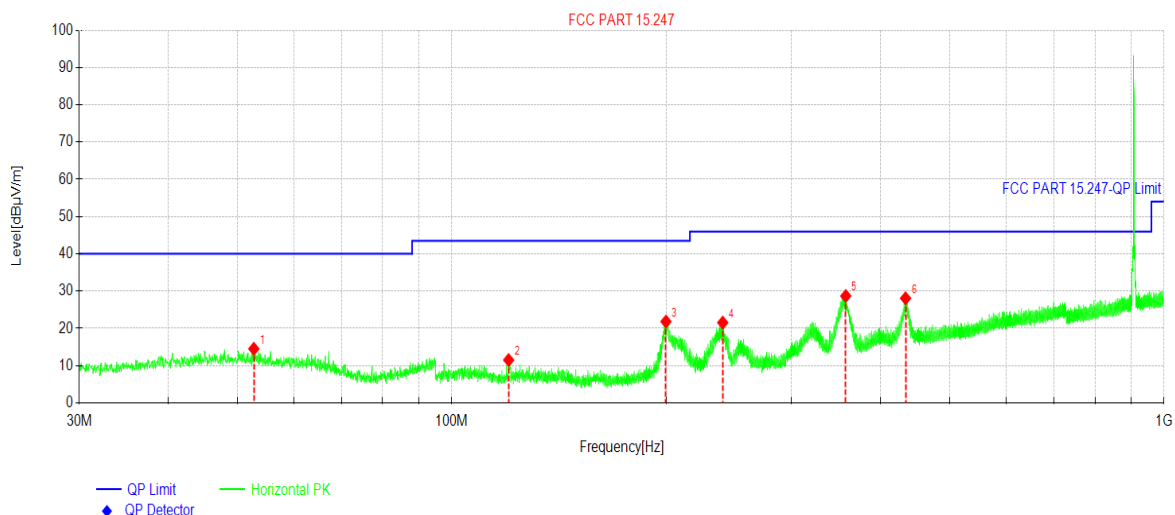
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	120.5055	27.52	-16.13	11.39	43.50	32.11	PK	Vertical
2	199.2735	32.61	-14.62	17.99	43.50	25.51	PK	Vertical
3	239.4335	28.88	-13.51	15.37	46.00	30.63	PK	Vertical
4	356.1303	34.03	-10.41	23.62	46.00	22.38	PK	Vertical
5	433.7827	30.47	-8.77	21.70	46.00	24.30	PK	Vertical
6	728.9199	29.72	-2.71	27.01	46.00	18.99	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

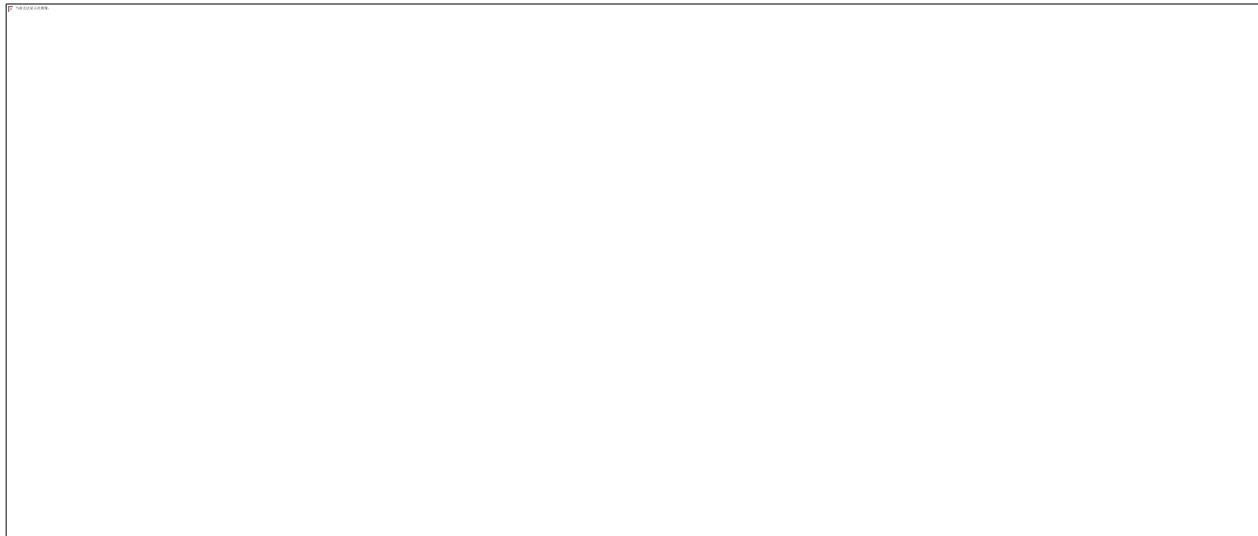
NO.	Freq. [MHz]	Reading[dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	52.7476	27.19	-12.67	14.52	40.00	25.48	PK	Horizontal
2	120.2145	27.60	-16.10	11.50	43.50	32.00	PK	Horizontal
3	199.9040	36.44	-14.61	21.83	43.50	21.67	PK	Horizontal
4	240.1610	35.02	-13.48	21.54	46.00	24.46	PK	Horizontal
5	357.4884	39.07	-10.39	28.68	46.00	17.32	PK	Horizontal
6	433.6857	36.84	-8.77	28.07	46.00	17.93	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



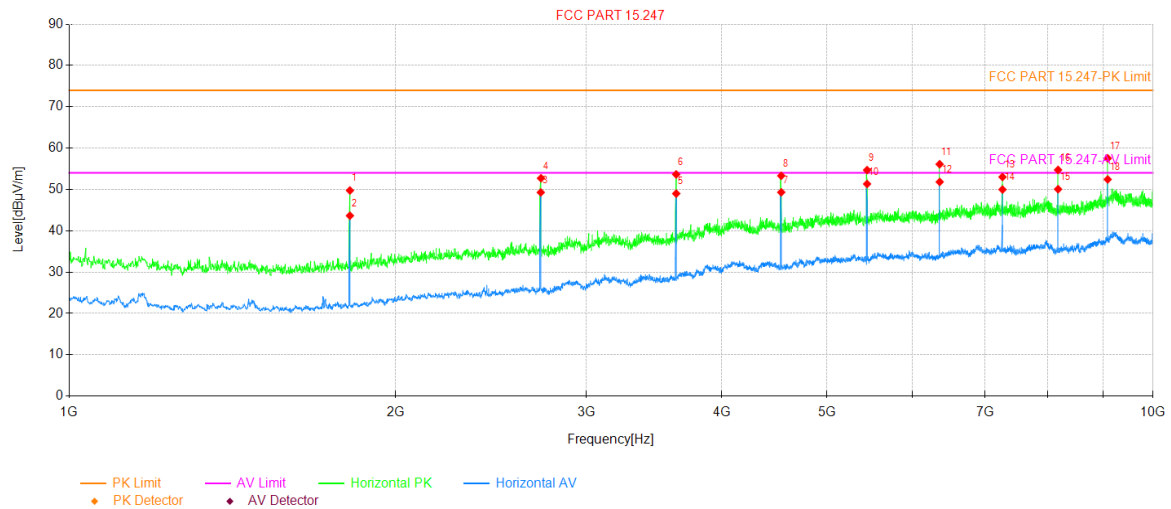
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1815.63	71.57	-22.65	48.92	74.00	25.08	9	PK	PASS	Vertical
2	1815.63	67.94	-22.65	45.29	54.00	8.71	3	AV	PASS	Vertical
3	2723.50	61.17	-17.52	43.65	54.00	10.35	167	AV	PASS	Vertical
4	2723.50	66.10	-17.52	48.58	74.00	25.42	154	PK	PASS	Vertical
5	3632.50	62.39	-12.69	49.70	54.00	4.30	99	AV	PASS	Vertical
6	3632.50	66.17	-12.69	53.48	74.00	20.52	99	PK	PASS	Vertical
7	4540.38	61.06	-9.06	52.00	54.00	2.00	209	AV	PASS	Vertical
8	4540.38	63.90	-9.06	54.84	74.00	19.16	209	PK	PASS	Vertical
9	5447.13	50.89	-6.86	44.03	54.00	9.97	50	AV	PASS	Vertical
10	5449.38	56.61	-6.86	49.75	74.00	24.25	71	PK	PASS	Vertical
11	6355.00	54.64	-5.93	48.71	54.00	5.29	140	AV	PASS	Vertical
12	6355.00	58.12	-5.93	52.19	74.00	21.81	358	PK	PASS	Vertical
13	7264.00	50.64	-3.82	46.82	54.00	7.18	285	AV	PASS	Vertical
14	7265.13	55.04	-3.83	51.21	74.00	22.79	271	PK	PASS	Vertical
15	8171.88	54.18	-2.29	51.89	74.00	22.11	133	PK	PASS	Vertical
16	8171.88	49.96	-2.29	47.67	54.00	6.33	140	AV	PASS	Vertical
17	9079.75	55.81	0.20	56.01	74.00	17.99	326	PK	PASS	Vertical
18	9079.75	51.38	0.20	51.58	54.00	2.42	312	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1815.63	72.41	-22.65	49.76	74.00	24.24	116	PK	PASS	Horizontal
2	1815.63	66.30	-22.65	43.65	54.00	10.35	116	AV	PASS	Horizontal
3	2723.50	66.81	-17.52	49.29	54.00	4.71	12	AV	PASS	Horizontal
4	2724.63	70.24	-17.52	52.72	74.00	21.28	26	PK	PASS	Horizontal
5	3631.38	61.72	-12.72	49.00	54.00	5.00	130	AV	PASS	Horizontal
6	3631.38	66.37	-12.72	53.65	74.00	20.35	130	PK	PASS	Horizontal
7	4539.25	58.38	-9.06	49.32	54.00	4.68	198	AV	PASS	Horizontal
8	4539.25	62.37	-9.06	53.31	74.00	20.69	198	PK	PASS	Horizontal
9	5447.13	61.54	-6.86	54.68	74.00	19.32	322	PK	PASS	Horizontal
10	5447.13	58.19	-6.86	51.33	54.00	2.67	322	AV	PASS	Horizontal
11	6355.00	62.04	-5.93	56.11	74.00	17.89	143	PK	PASS	Horizontal
12	6356.13	57.75	-5.92	51.83	54.00	2.17	130	AV	PASS	Horizontal
13	7262.88	56.84	-3.82	53.02	74.00	20.98	360	PK	PASS	Horizontal
14	7262.88	53.80	-3.82	49.98	54.00	4.02	360	AV	PASS	Horizontal
15	8173.00	52.36	-2.30	50.06	54.00	3.94	109	AV	PASS	Horizontal
16	8173.00	57.03	-2.30	54.73	74.00	19.27	116	PK	PASS	Horizontal
17	9082.00	57.33	0.21	57.54	74.00	16.46	150	PK	PASS	Horizontal
18	9082.00	52.23	0.21	52.44	54.00	1.56	143	AV	PASS	Horizontal

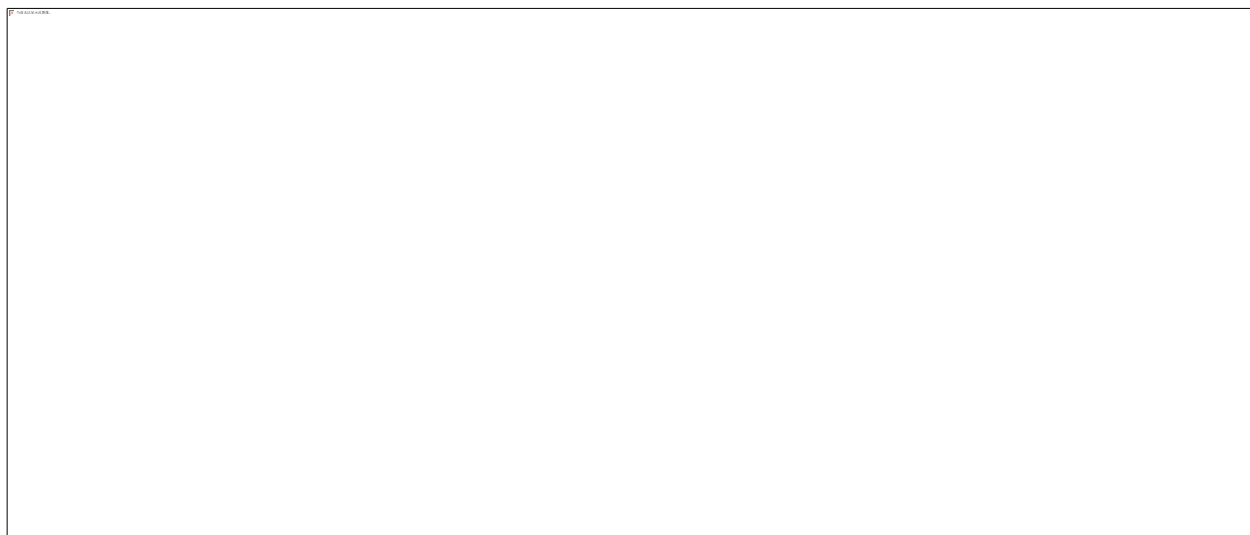
Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

916MHz:

Below 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



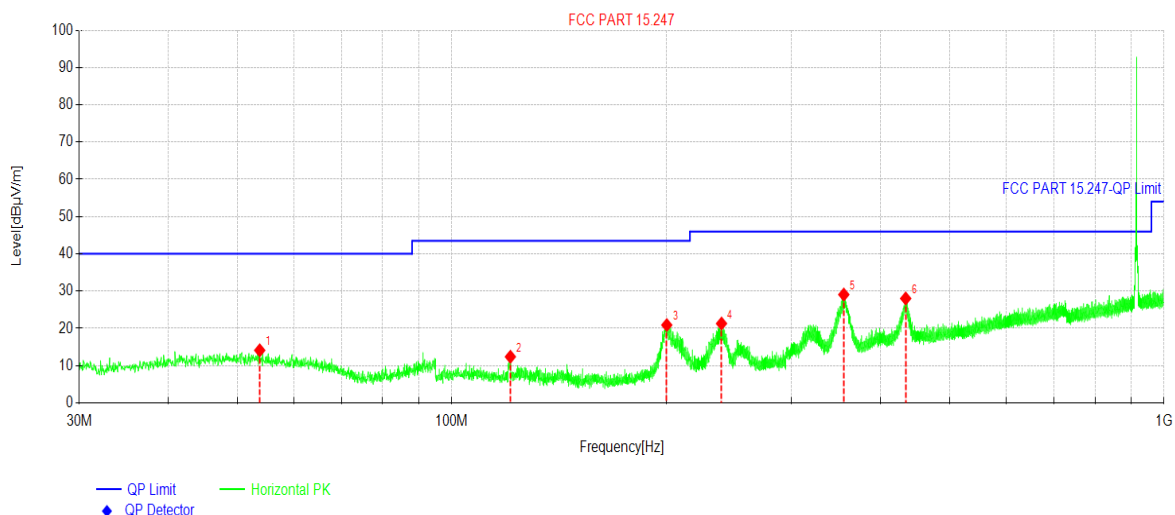
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	50.5165	27.08	-12.72	14.36	40.00	25.64	PK	Vertical
2	92.6166	27.82	-15.67	12.15	43.50	31.35	PK	Vertical
3	198.7399	31.86	-14.62	17.24	43.50	26.26	PK	Vertical
4	242.2466	28.19	-13.31	14.88	46.00	31.12	PK	Vertical
5	355.1118	32.45	-10.42	22.03	46.00	23.97	PK	Vertical
6	434.1222	31.20	-8.76	22.44	46.00	23.56	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

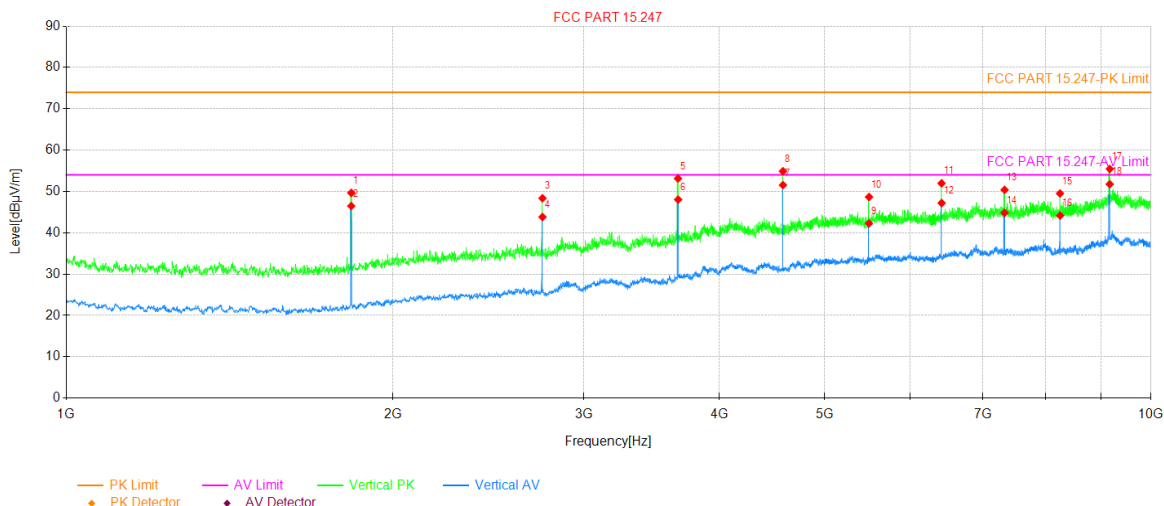
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	53.7662	26.99	-12.88	14.11	40.00	25.89	PK	Horizontal
2	120.8935	28.56	-16.18	12.38	43.50	31.12	PK	Horizontal
3	200.4375	35.49	-14.60	20.89	43.50	22.61	PK	Horizontal
4	239.2395	34.81	-13.52	21.29	46.00	24.71	PK	Horizontal
5	355.2088	39.48	-10.42	29.06	46.00	16.94	PK	Horizontal
6	433.8797	36.79	-8.77	28.02	46.00	17.98	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



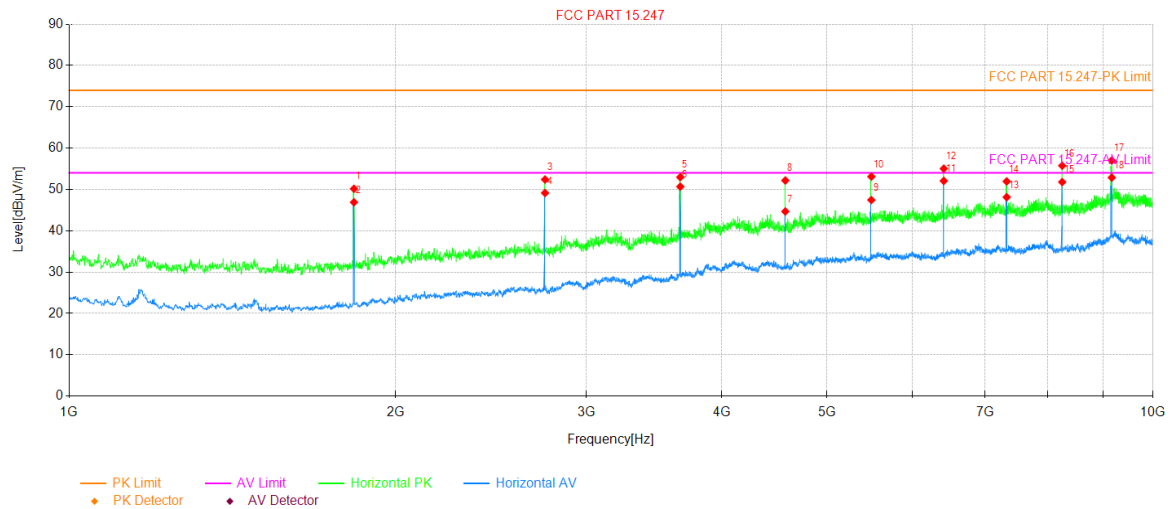
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1831.38	72.11	-22.46	49.65	74.00	24.35	85	PK	PASS	Vertical
2	1831.38	68.94	-22.46	46.48	54.00	7.52	202	AV	PASS	Vertical
3	2748.25	65.82	-17.47	48.35	74.00	25.65	154	PK	PASS	Vertical
4	2748.25	61.30	-17.47	43.83	54.00	10.17	30	AV	PASS	Vertical
5	3664.00	65.13	-12.00	53.13	74.00	20.87	99	PK	PASS	Vertical
6	3665.13	60.01	-11.98	48.03	54.00	5.97	99	AV	PASS	Vertical
7	4578.63	60.68	-9.13	51.55	54.00	2.45	209	AV	PASS	Vertical
8	4578.63	64.02	-9.13	54.89	74.00	19.11	209	PK	PASS	Vertical
9	5495.50	49.10	-6.84	42.26	54.00	11.74	37	AV	PASS	Vertical
10	5496.63	55.50	-6.84	48.66	74.00	25.34	85	PK	PASS	Vertical
11	6411.25	57.52	-5.54	51.98	74.00	22.02	216	PK	PASS	Vertical
12	6412.38	52.73	-5.54	47.19	54.00	6.81	354	AV	PASS	Vertical
13	7329.25	54.33	-3.95	50.38	74.00	23.62	106	PK	PASS	Vertical
14	7329.25	48.77	-3.95	44.82	54.00	9.18	106	AV	PASS	Vertical
15	8243.88	51.87	-2.35	49.52	74.00	24.48	133	PK	PASS	Vertical
16	8246.13	46.52	-2.35	44.17	54.00	9.83	126	AV	PASS	Vertical
17	9161.88	54.42	1.03	55.45	74.00	18.55	326	PK	PASS	Vertical
18	9161.88	50.73	1.03	51.76	54.00	2.24	326	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1831.38	72.63	-22.46	50.17	74.00	23.83	116	PK	PASS	Horizontal
2	1831.38	69.36	-22.46	46.90	54.00	7.10	116	AV	PASS	Horizontal
3	2748.25	69.87	-17.47	52.40	74.00	21.60	27	PK	PASS	Horizontal
4	2748.25	66.61	-17.47	49.14	54.00	4.86	27	AV	PASS	Horizontal
5	3662.88	65.01	-12.04	52.97	74.00	21.03	130	PK	PASS	Horizontal
6	3662.88	62.72	-12.04	50.68	54.00	3.32	130	AV	PASS	Horizontal
7	4578.63	53.81	-9.13	44.68	54.00	9.32	172	AV	PASS	Horizontal
8	4578.63	61.30	-9.13	52.17	74.00	21.83	200	PK	PASS	Horizontal
9	5496.63	54.29	-6.84	47.45	54.00	6.55	110	AV	PASS	Horizontal
10	5497.75	59.95	-6.84	53.11	74.00	20.89	110	PK	PASS	Horizontal
11	6411.25	57.62	-5.54	52.08	54.00	1.92	144	AV	PASS	Horizontal
12	6411.25	60.58	-5.54	55.04	74.00	18.96	144	PK	PASS	Horizontal
13	7328.13	52.08	-3.95	48.13	54.00	5.87	337	AV	PASS	Horizontal
14	7328.13	55.89	-3.95	51.94	74.00	22.06	337	PK	PASS	Horizontal
15	8245.00	54.15	-2.35	51.80	54.00	2.20	110	AV	PASS	Horizontal
16	8245.00	58.11	-2.35	55.76	74.00	18.24	110	PK	PASS	Horizontal
17	9160.75	56.00	1.02	57.02	74.00	16.98	124	PK	PASS	Horizontal
18	9160.75	51.85	1.02	52.87	54.00	1.13	124	AV	PASS	Horizontal

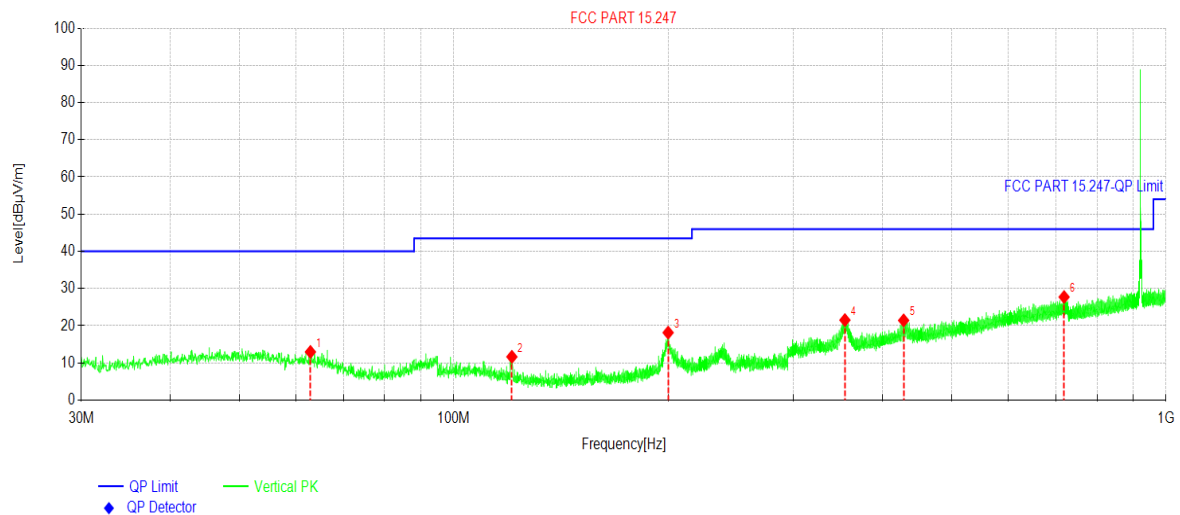
Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

922MHz:

Below 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



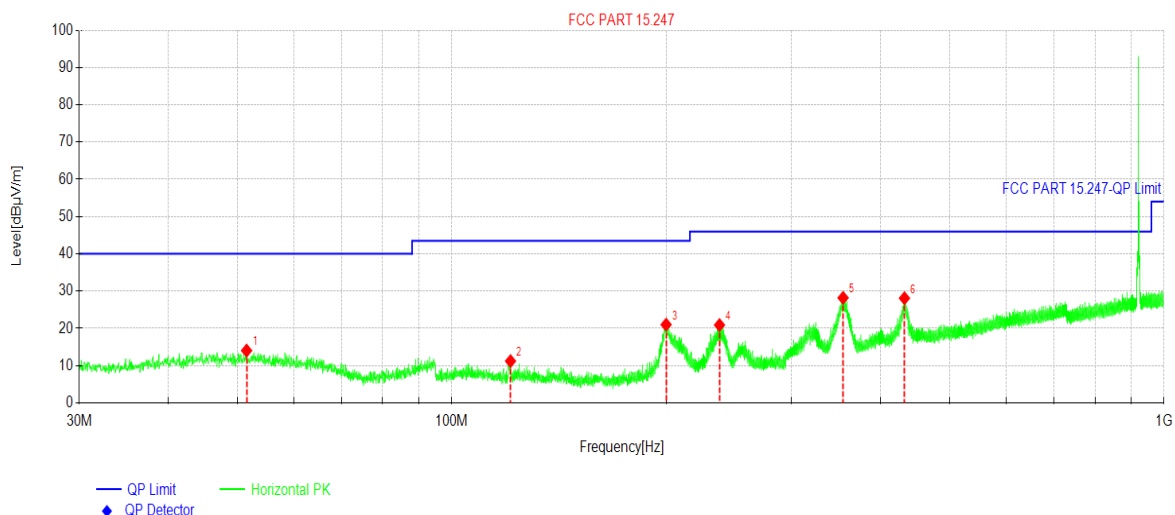
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	62.9331	27.39	-14.43	12.96	40.00	27.04	PK	Vertical
2	120.6995	27.81	-16.16	11.65	43.50	31.85	PK	Vertical
3	200.0010	32.75	-14.61	18.14	43.50	25.36	PK	Vertical
4	354.1902	31.97	-10.45	21.52	46.00	24.48	PK	Vertical
5	428.2049	30.35	-8.91	21.44	46.00	24.56	PK	Vertical
6	719.4135	30.51	-2.79	27.72	46.00	18.28	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List

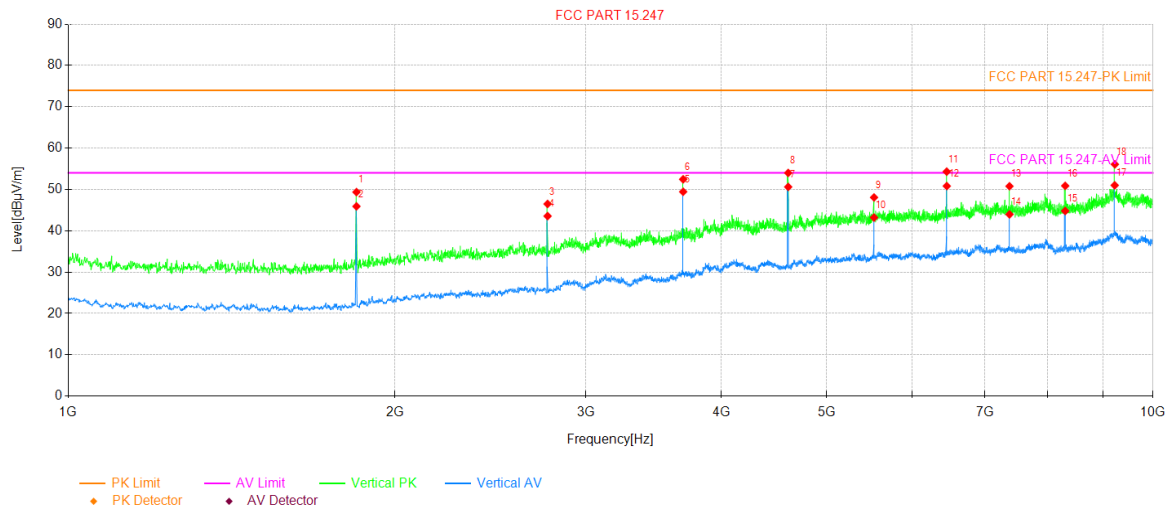
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	51.5351	26.84	-12.80	14.04	40.00	25.96	PK	Horizontal
2	120.9420	27.39	-16.18	11.21	43.50	32.29	PK	Horizontal
3	200.0010	35.61	-14.61	21.00	43.50	22.50	PK	Horizontal
4	237.6874	34.47	-13.58	20.89	46.00	25.11	PK	Horizontal
5	354.3842	38.63	-10.44	28.19	46.00	17.81	PK	Horizontal
6	432.1821	36.90	-8.81	28.09	46.00	17.91	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Vertical
Test Voltage:	DC 12V		



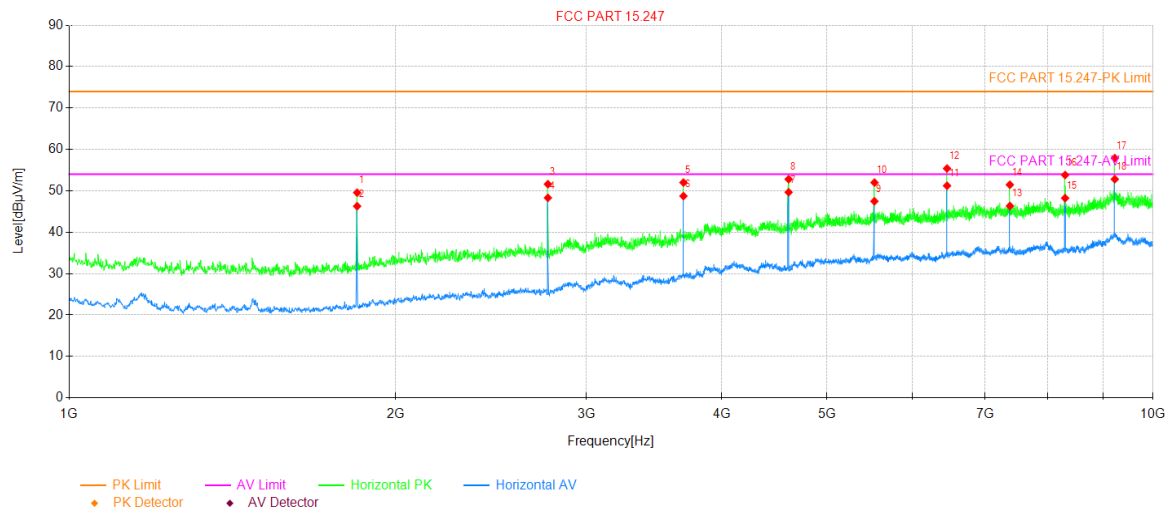
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1843.75	71.69	-22.32	49.37	74.00	24.63	86	PK	PASS	Vertical
2	1843.75	68.23	-22.32	45.91	54.00	8.09	86	AV	PASS	Vertical
3	2766.25	63.93	-17.43	46.50	74.00	27.50	155	PK	PASS	Vertical
4	2766.25	60.99	-17.43	43.56	54.00	10.44	155	AV	PASS	Vertical
5	3688.75	60.87	-11.43	49.44	54.00	4.56	100	AV	PASS	Vertical
6	3688.75	63.89	-11.43	52.46	74.00	21.54	93	PK	PASS	Vertical
7	4610.13	59.66	-9.04	50.62	54.00	3.38	210	AV	PASS	Vertical
8	4610.13	63.04	-9.04	54.00	74.00	20.00	204	PK	PASS	Vertical
9	5531.50	54.65	-6.58	48.07	74.00	25.93	59	PK	PASS	Vertical
10	5531.50	49.77	-6.58	43.19	54.00	10.81	148	AV	PASS	Vertical
11	6454.00	59.59	-5.27	54.32	74.00	19.68	162	PK	PASS	Vertical
12	6455.13	56.08	-5.26	50.82	54.00	3.18	141	AV	PASS	Vertical
13	7374.25	54.67	-3.89	50.78	74.00	23.22	100	PK	PASS	Vertical
14	7374.25	47.86	-3.89	43.97	54.00	10.03	100	AV	PASS	Vertical
15	8300.13	47.13	-2.33	44.80	54.00	9.20	100	AV	PASS	Vertical
16	8300.13	53.20	-2.33	50.87	74.00	23.13	100	PK	PASS	Vertical
17	9219.25	49.65	1.36	51.01	54.00	2.99	334	AV	PASS	Vertical
18	9222.63	54.74	1.34	56.08	74.00	17.92	327	PK	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	A6868THD	Product Model:	A6868THD
Test By:	Robin Gu	Test mode:	Tx mode
Test Frequency:	1 GHz ~ 10 GHz	Polarization:	Horizontal
Test Voltage:	DC 12V		



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1843.75	71.88	-22.32	49.56	74.00	24.44	129	PK	PASS	Horizontal
2	1843.75	68.61	-22.32	46.29	54.00	7.71	123	AV	PASS	Horizontal
3	2765.13	69.04	-17.43	51.61	74.00	22.39	41	PK	PASS	Horizontal
4	2765.13	65.74	-17.43	48.31	54.00	5.69	41	AV	PASS	Horizontal
5	3687.63	63.47	-11.47	52.00	74.00	22.00	116	PK	PASS	Horizontal
6	3687.63	60.20	-11.47	48.73	54.00	5.27	116	AV	PASS	Horizontal
7	4611.25	58.69	-9.03	49.66	54.00	4.34	198	AV	PASS	Horizontal
8	4611.25	61.84	-9.03	52.81	74.00	21.19	198	PK	PASS	Horizontal
9	5532.63	54.05	-6.57	47.48	54.00	6.52	108	AV	PASS	Horizontal
10	5533.75	58.55	-6.56	51.99	74.00	22.01	300	PK	PASS	Horizontal
11	6455.13	56.49	-5.26	51.23	54.00	2.77	157	AV	PASS	Horizontal
12	6455.13	60.66	-5.26	55.40	74.00	18.60	157	PK	PASS	Horizontal
13	7377.63	50.22	-3.88	46.34	54.00	7.66	348	AV	PASS	Horizontal
14	7377.63	55.35	-3.88	51.47	74.00	22.53	348	PK	PASS	Horizontal
15	8296.75	50.57	-2.33	48.24	54.00	5.76	116	AV	PASS	Horizontal
16	8296.75	56.15	-2.33	53.82	74.00	20.18	116	PK	PASS	Horizontal
17	9220.38	56.55	1.35	57.90	74.00	16.10	136	PK	PASS	Horizontal
18	9220.38	51.46	1.35	52.81	54.00	1.19	136	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

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