



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)



TEST REPORT

Applicant: Grandstream Networks, Inc.

Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA

FCC ID: YZZGRP2601W

Product Name: Essential Wi-Fi Phone

Standard(s): 47 CFR Part 15 Subpart B
ANSI C63.4-2014

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR231064045-00A

Date Of Issue: 2023/11/27

Reviewed By: Calvin Chen

Title: RF Engineer

Approved By: Sun Zhong

Title: Manager

Test Laboratory: China Certification ICT Co., Ltd (Dongguan)

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR231064045-00A	Original Report	2023/11/27

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Essential Wi-Fi Phone
Trade Name:	GRANDSTREAM
EUT Model:	GRP2601W
Highest Operation Frequency:	2462MHz
Rated Input Voltage:	DC 5V from adapter
Serial Number:	2CYP-2
EUT Received Date:	2023/11/1
EUT Received Status:	Good

Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
Adapter	DACHUAN	DCT06W050060US-D0	Input: AC 100-240V~ 50/60Hz, 200mA Output: DC 5.0V, 0.6A
Adapter	SUNLIGHT	F06US0500060A	Input: AC 100-240V~ 50/60Hz, 0.2A Output: DC 5.0V, 0.6A
Adapter	GANGQI	GQ06-050060-ZU	Input: AC 100-240V~ 50/60Hz, 0.3A Output: DC 5.0V, 0.6A

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition

EUT Operation Mode:	The system was configured for testing in Typical Use Mode, which was provided by the manufacturer. Test Mode : Talking
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

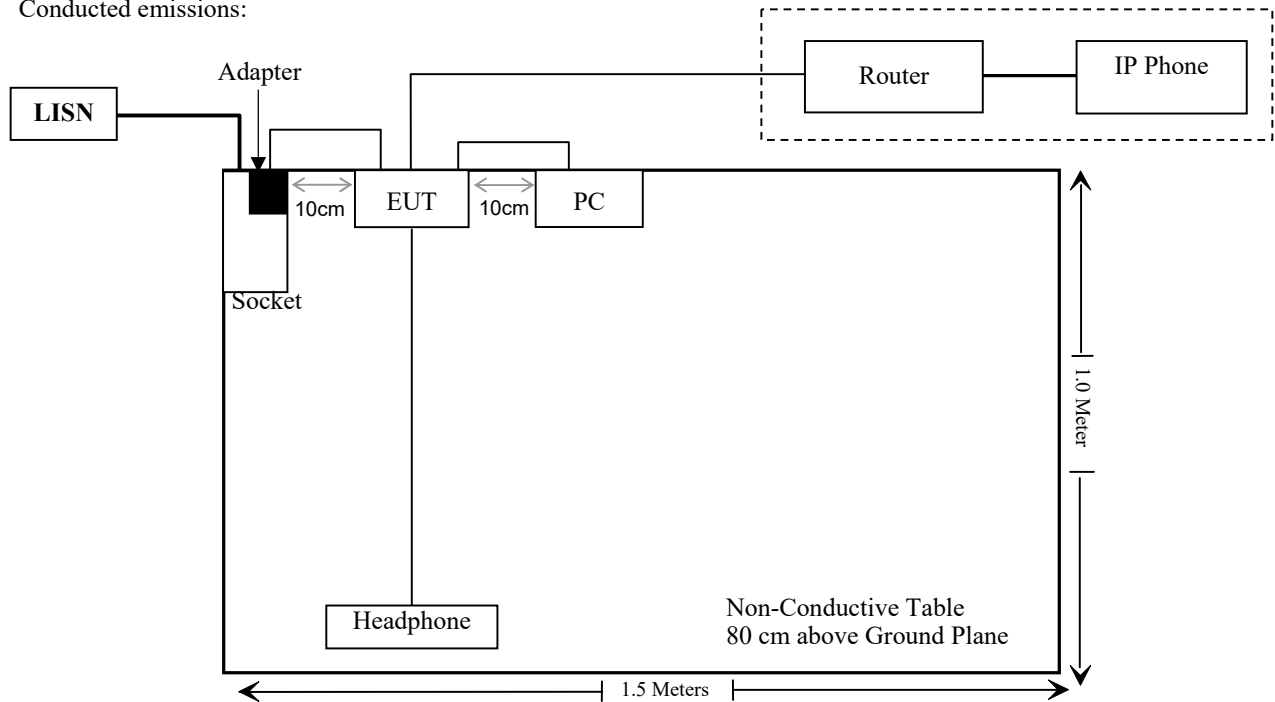
Manufacturer	Description	Model	Serial Number
TOTO LINK	Router	X5000R	X5000RK9T0560
Yealink	IP Phone	SIP-T23G	212319022102620
DELL	PC	E6410	GYXJ3 A00 JSD2
Unknown	Headphone	Unknown	Unknown

1.2.3 Support Cable List and Details

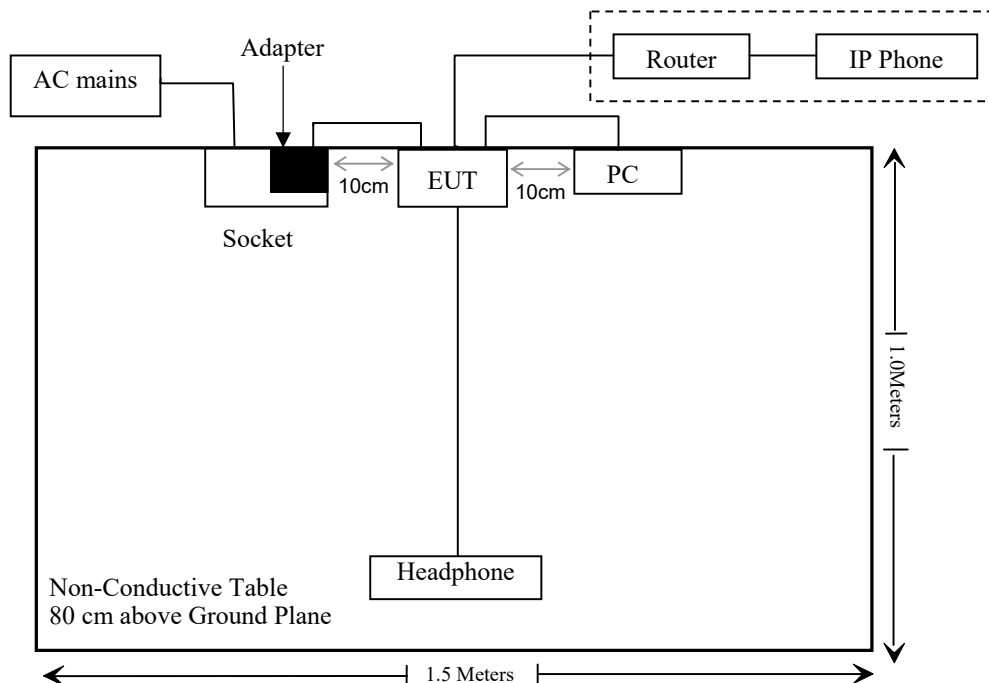
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
AC cable	NO	NO	1.2	LISN/AC mains	Socket
DC cable	NO	NO	1.6	Adapter	EUT
RJ45 Cable	NO	YES	8.0	EUT	Router
RJ45 Cable	NO	YES	1.0	IP Phone	Router
RJ45 Cable	NO	NO	1.5	EUT	PC
RJ11 cable	NO	YES	1.5	EUT	Headphone

1.2.4 Block Diagram of Test Setup

Conducted emissions:



Radiated emissions:



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB, 200M~1GHz: 5.61 dB, 1G~6GHz: 5.14 dB, 6G~18GHz: 5.93 dB, 18G~26.5G: 5.47 dB, 26.5G~40G: 5.63 dB
Temperature	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

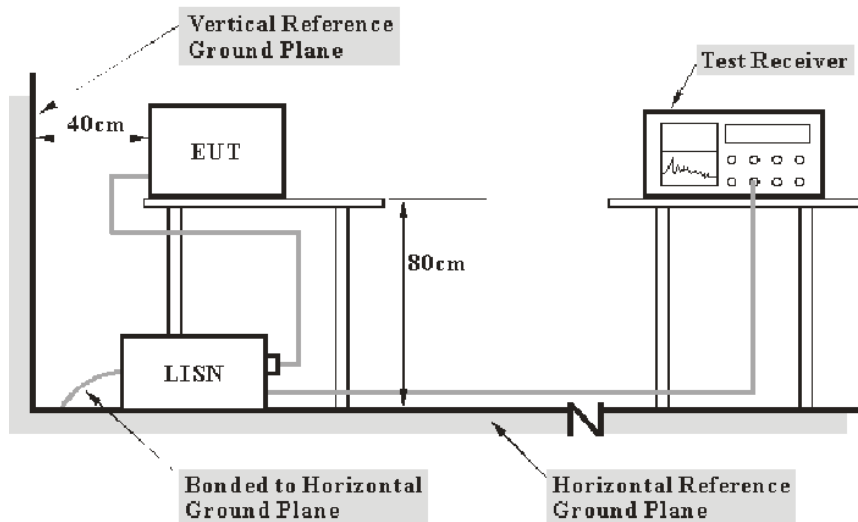
2. SUMMARY OF TEST RESULTS

Standard(s) Section	Description of Test	Result
§15.107	Conducted emissions	Compliant
§15.109	Radiated emissions	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.2 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

3.1.3 Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, the report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

All data was recorded in the Quasi-peak and average detection mode.

The report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

3.1.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = attenuation caused by cable loss + voltage division factor of AMN

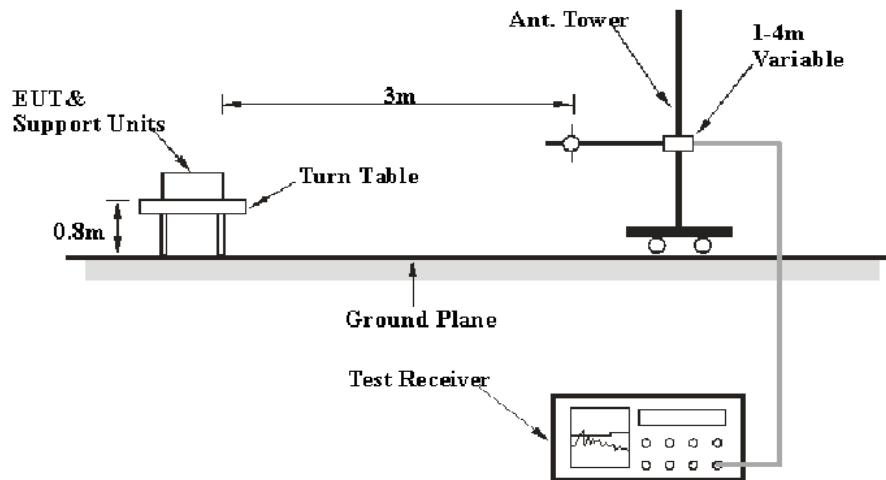
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

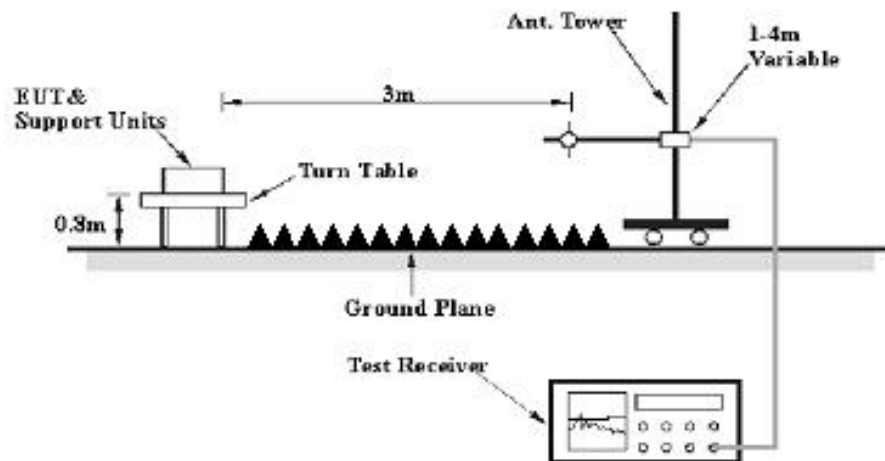
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emissions were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

3.2.2 EMI Test Receiver Setup

The system was investigated from 30 MHz to 13GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	3 MHz	/	AVG

If the maximized peak measured value complies with under the limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

3.2.3 Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

3.2.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = Antenna Factor + Cable Loss- Amplifier Gain

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4. TEST DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	2CYP-2	Test Date:	2023/11/24
Test Site:	CE	Test Mode:	Talking
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101.1
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Test Equipment List and Details:

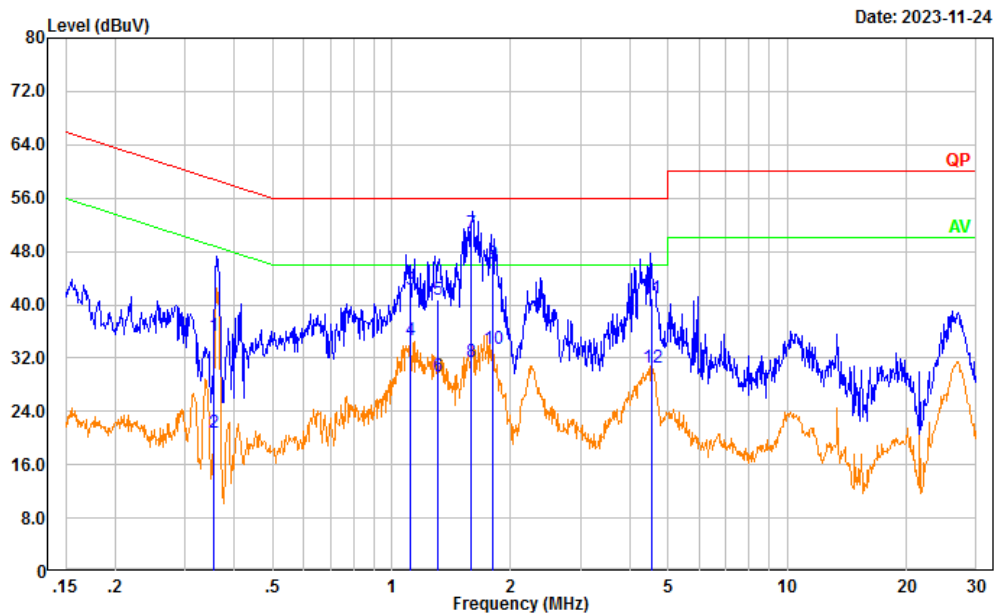
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/3/31	2024/3/30
R&S	EMI Test Receiver	ESR3	102726	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2023/8/6	2024/8/5
Audix	Test Software	E3	190306 (V9)	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

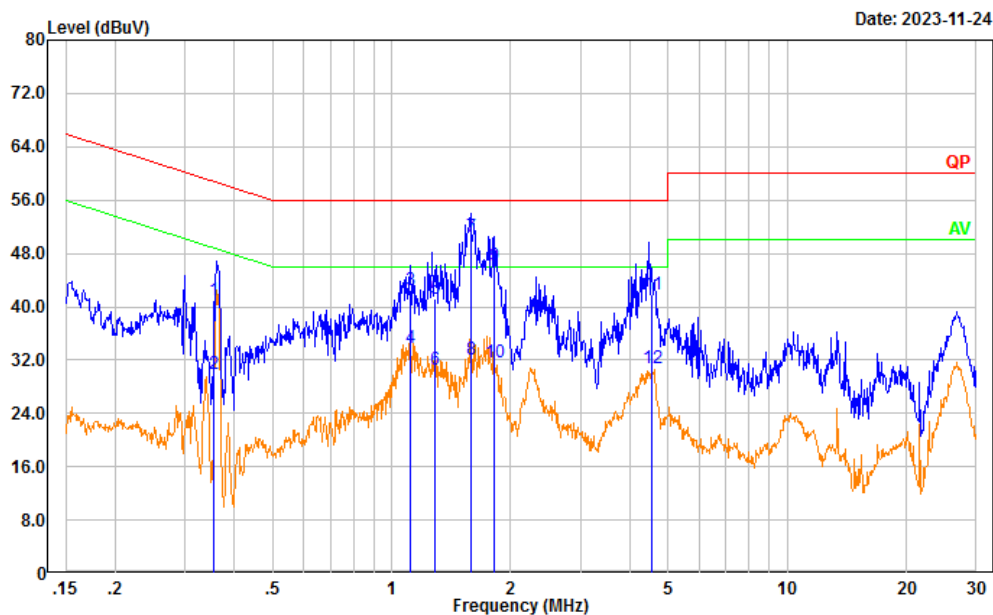
For Adapter DCT06W050060US-D0

Project No.: CR231064045-RF
 Tester: David Huang
 Port: Line
 Note: Talking(DCT06W050060US-D0)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.354	25.77	9.61	35.38	58.87	23.49	QP
2	0.354	11.15	9.61	20.76	48.87	28.11	Average
3	1.116	32.70	9.62	42.32	56.00	13.68	QP
4	1.116	24.97	9.62	34.59	46.00	11.41	Average
5	1.307	31.09	9.62	40.71	56.00	15.29	QP
6	1.307	19.67	9.62	29.29	46.00	16.71	Average
7	1.584	41.16	9.63	50.79	56.00	5.21	QP
8	1.584	21.90	9.63	31.53	46.00	14.47	Average
9	1.794	36.56	9.63	46.19	56.00	9.81	QP
10	1.794	23.73	9.63	33.36	46.00	12.64	Average
11	4.530	31.28	9.66	40.94	56.00	15.06	QP
12	4.530	20.94	9.66	30.60	46.00	15.40	Average

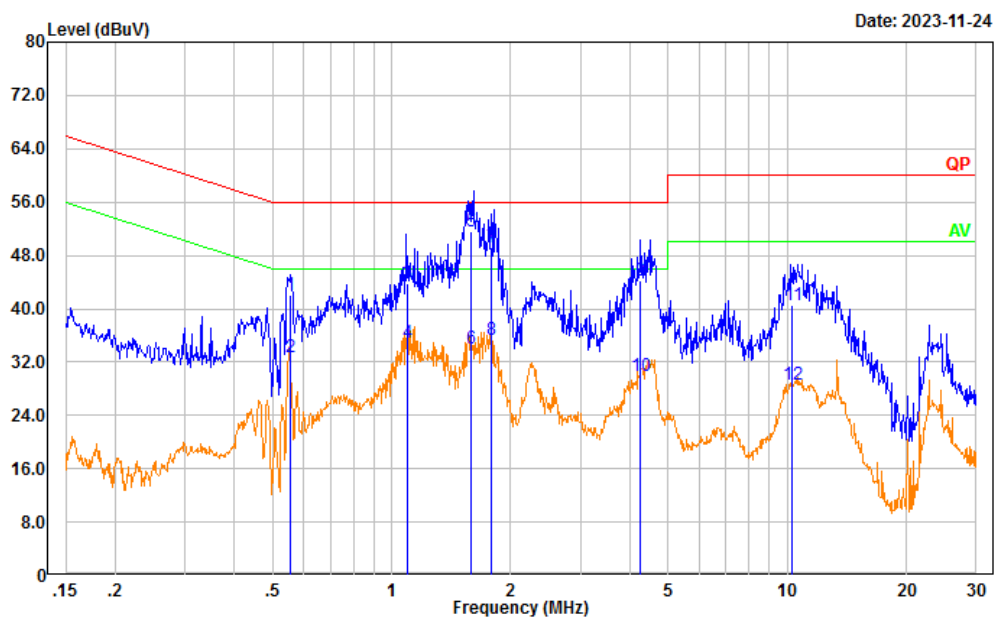
Project No.: CR231064045-RF
Tester: David Huang
Port: neutral
Note: Talking(DCT06W050060US-D0)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.354	31.36	9.61	40.97	58.86	17.89	QP
2	0.354	20.38	9.61	29.99	48.86	18.87	Average
3	1.116	32.96	9.62	42.58	56.00	13.42	QP
4	1.116	24.17	9.62	33.79	46.00	12.21	Average
5	1.285	31.64	9.62	41.26	56.00	14.74	QP
6	1.285	21.02	9.62	30.64	46.00	15.36	Average
7	1.585	40.90	9.63	50.53	56.00	5.47	QP
8	1.585	22.38	9.63	32.01	46.00	13.99	Average
9	1.813	36.57	9.63	46.20	56.00	9.80	QP
10	1.813	21.99	9.63	31.62	46.00	14.38	Average
11	4.554	32.10	9.66	41.76	56.00	14.24	QP
12	4.554	21.20	9.66	30.86	46.00	15.14	Average

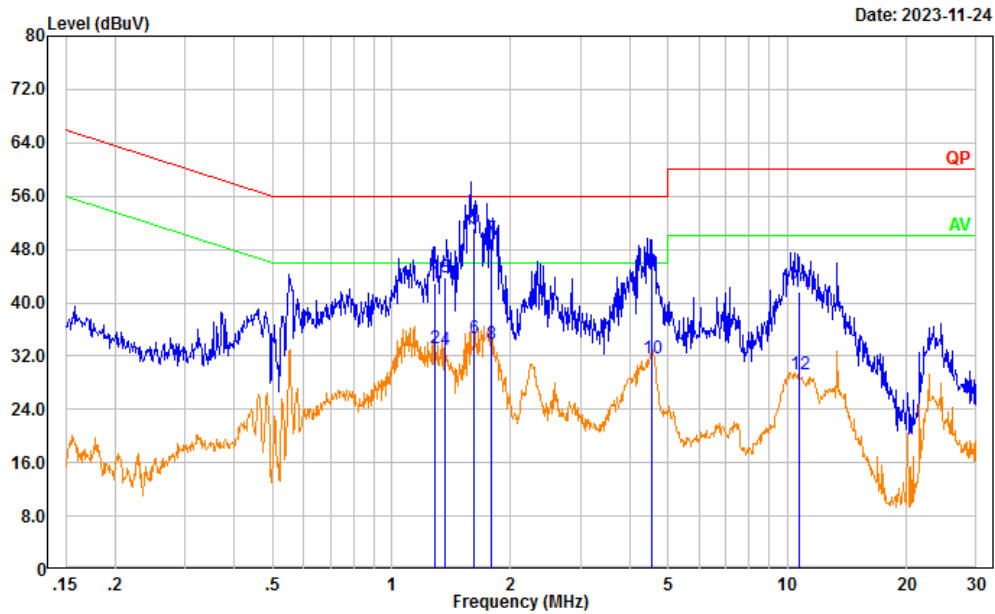
For Adapter F06US0500060A

Project No.: CR231064045-RF
Tester: David Huang
Port: Line
Note: Talking(F06US0500060A)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.553	32.44	9.62	42.06	56.00	13.94	QP
2	0.553	23.22	9.62	32.84	46.00	13.16	Average
3	1.093	34.18	9.62	43.80	56.00	12.20	QP
4	1.093	25.21	9.62	34.83	46.00	11.17	Average
5	1.586	42.02	9.63	51.65	56.00	4.35	QP
6	1.586	24.43	9.63	34.06	46.00	11.94	Average
7	1.791	39.53	9.63	49.16	56.00	6.84	QP
8	1.791	25.61	9.63	35.24	46.00	10.76	Average
9	4.249	34.65	9.65	44.30	56.00	11.70	QP
10	4.249	20.36	9.65	30.01	46.00	15.99	Average
11	10.286	30.89	9.67	40.56	60.00	19.44	QP
12	10.286	18.99	9.67	28.66	50.00	21.34	Average

Project No.: CR231064045-RF
 Tester: David Huang
 Port: neutral
 Note: Talking(F06US0500060A)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1.287	33.28	9.62	42.90	56.00	13.10	QP
2	1.287	23.62	9.62	33.24	46.00	12.76	Average
3	1.359	34.19	9.62	43.81	56.00	12.19	QP
4	1.359	23.29	9.62	32.91	46.00	13.09	Average
5	1.610	41.57	9.63	51.20	56.00	4.80	QP
6	1.610	25.11	9.63	34.74	46.00	11.26	Average
7	1.789	40.04	9.63	49.67	56.00	6.33	QP
8	1.789	24.10	9.63	33.73	46.00	12.27	Average
9	4.548	34.93	9.66	44.59	56.00	11.41	QP
10	4.548	22.05	9.66	31.71	46.00	14.29	Average
11	10.734	32.04	9.67	41.71	60.00	18.29	QP
12	10.734	19.51	9.67	29.18	50.00	20.82	Average

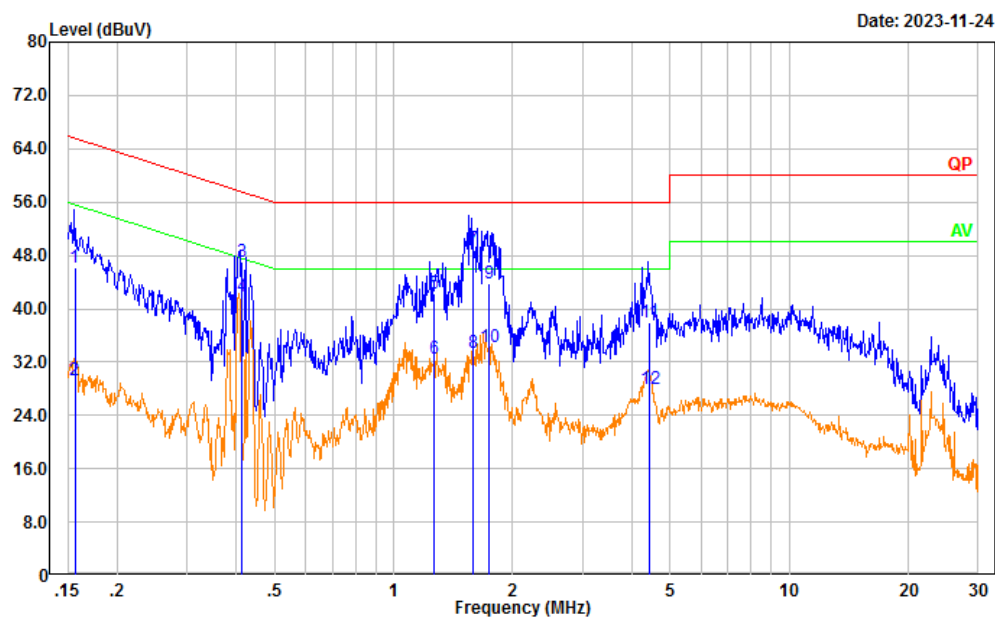
For Adapter GQ06-050060-ZU

Project No.: CR231064045-RF

Tester: David Huang

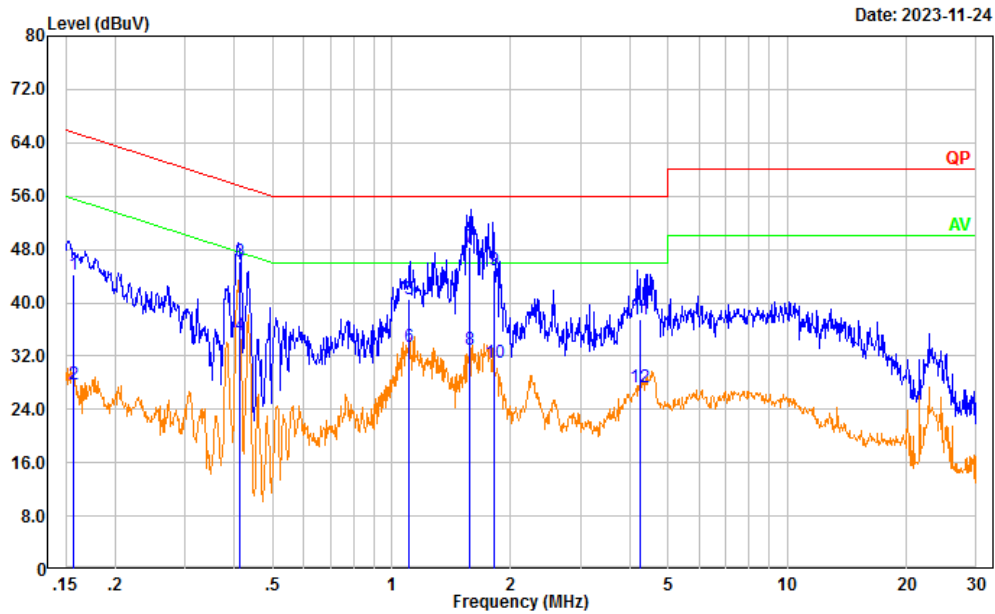
Port: Line

Note: Talking(GQ06-050060-ZU)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.156	36.59	9.61	46.20	65.66	19.46	QP
2	0.156	19.74	9.61	29.35	55.66	26.31	Average
3	0.412	37.45	9.61	47.06	57.60	10.54	QP
4	0.412	32.24	9.61	41.85	47.60	5.75	Average
5	1.263	32.69	9.62	42.31	56.00	13.69	QP
6	1.263	22.84	9.62	32.46	46.00	13.54	Average
7	1.589	39.42	9.63	49.05	56.00	6.95	QP
8	1.589	23.82	9.63	33.45	46.00	12.55	Average
9	1.743	34.25	9.63	43.88	56.00	12.12	QP
10	1.743	24.57	9.63	34.20	46.00	11.80	Average
11	4.428	28.31	9.65	37.96	56.00	18.04	QP
12	4.428	18.34	9.65	27.99	46.00	18.01	Average

Project No.: CR231064045-RF
Tester: David Huang
Port: neutral
Note: Talking(GQ06-050060-ZU)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.157	34.66	9.61	44.27	65.61	21.34	QP
2	0.157	18.05	9.61	27.66	55.61	27.95	Average
3	0.414	36.46	9.61	46.07	57.56	11.49	QP
4	0.414	25.45	9.61	35.06	47.56	12.50	Average
5	1.105	30.96	9.62	40.58	56.00	15.42	QP
6	1.105	23.78	9.62	33.40	46.00	12.60	Average
7	1.578	38.66	9.63	48.29	56.00	7.71	QP
8	1.578	23.38	9.63	33.01	46.00	12.99	Average
9	1.811	35.24	9.63	44.87	56.00	11.13	QP
10	1.811	21.46	9.63	31.09	46.00	14.91	Average
11	4.229	27.81	9.65	37.46	56.00	18.54	QP
12	4.229	17.76	9.65	27.41	46.00	18.59	Average

4.2 Radiation Spurious Emissions

Serial Number:	2CYP-2	Test Date:	2023/11/18~ 2023/11/21
Test Site:	966-1, 966-2	Test Mode:	Talking
Tester:	Carl Xue, Mack Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25~25.2	Relative Humidity: (%)	52~53	ATM Pressure: (kPa)	101.3~101.8
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-6	2023/9/18	2026/9/17
R&S	EMI Test Receiver	ESR3	102724	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
Audix	Test Software	E3	201021 (V9)	N/A	N/A
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2026/2/21
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2023/11/8	2024/11/7
Audix	Test Software	E3	201021 (V9)	N/A	N/A
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2023/8/6	2024/8/5
Mini Circuits	High Pass Filter	VHF-6010+	31119	2023/8/6	2024/8/5

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

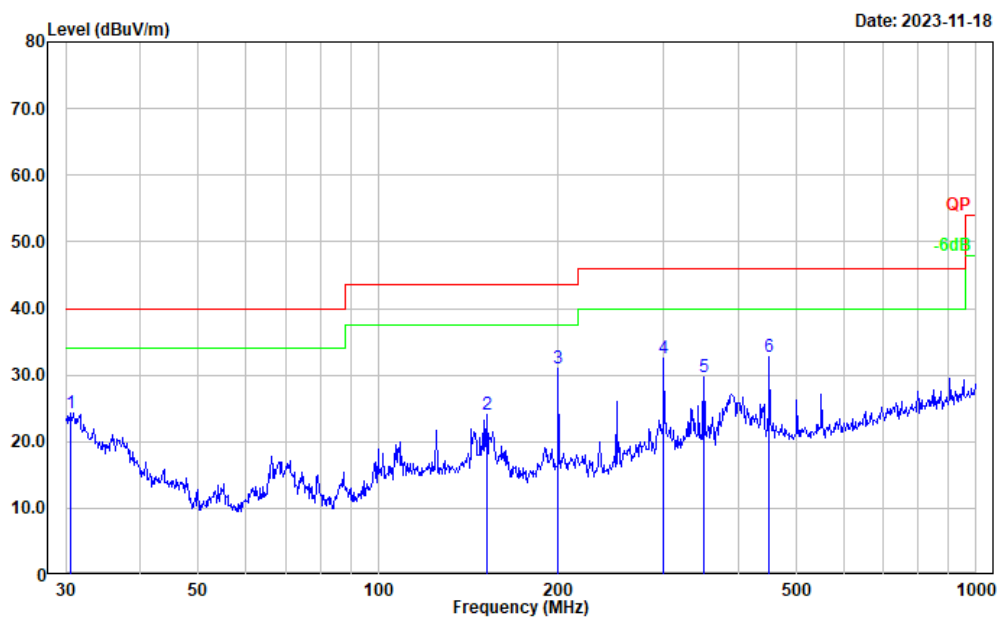
Test Data:

Please refer to the below table and plots.

1) 30MHz-1GHz:

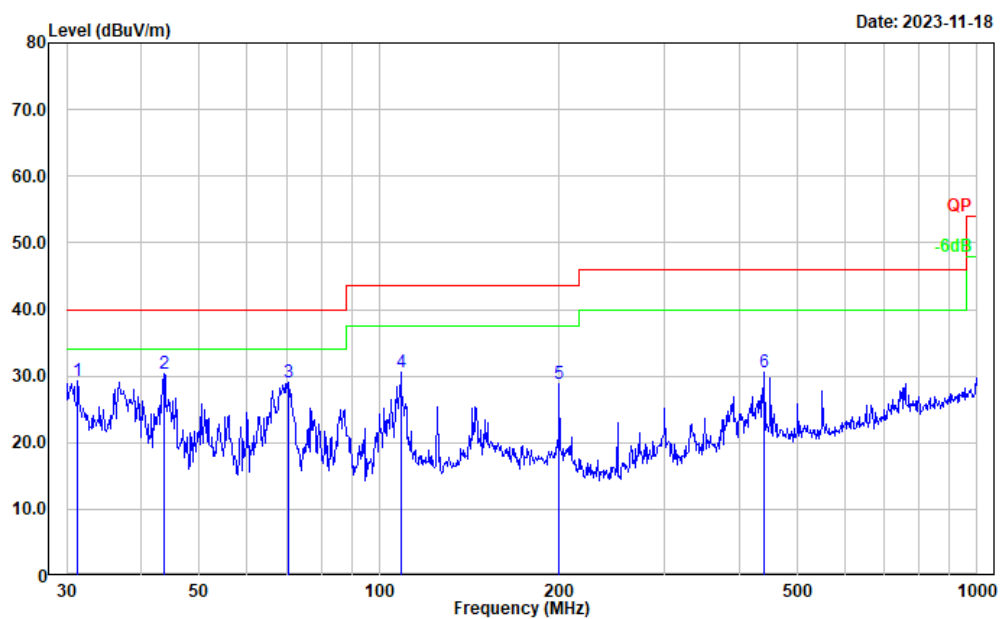
For Adapter DCT06W050060US-D0

Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.638	28.65	-4.28	24.37	40.00	15.63	Peak
2	151.597	36.02	-11.93	24.09	43.50	19.41	Peak
3	199.986	43.28	-12.21	31.07	43.50	12.43	Peak
4	300.367	43.05	-10.63	32.42	46.00	13.58	Peak
5	350.477	39.66	-10.03	29.63	46.00	16.37	Peak
6	451.135	39.68	-6.91	32.77	46.00	13.23	Peak

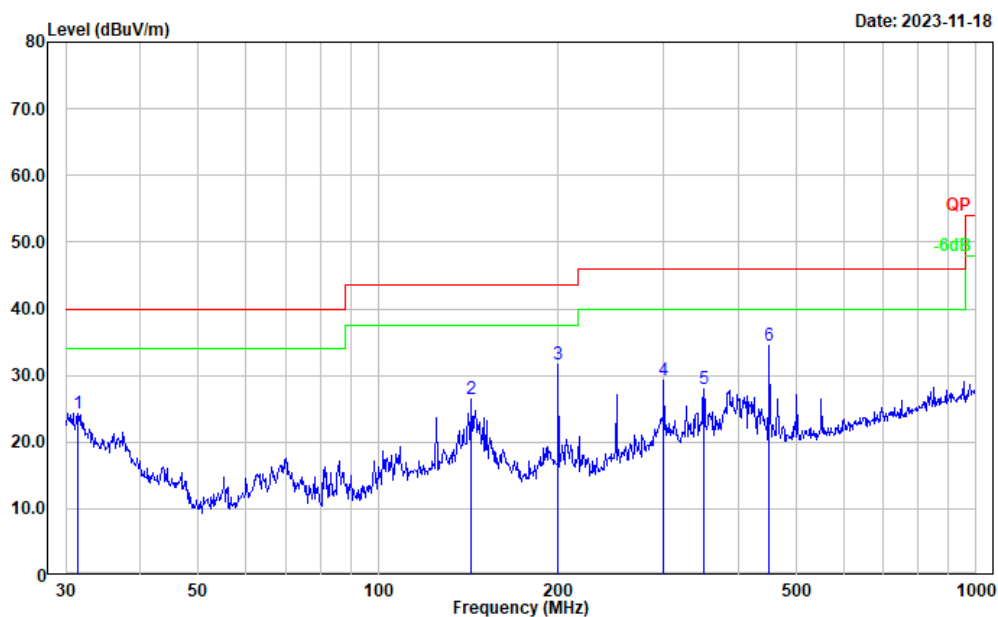
Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.289	34.09	-4.77	29.32	40.00	10.68	Peak
2	43.659	43.89	-13.49	30.40	40.00	9.60	Peak
3	70.337	45.62	-16.60	29.02	40.00	10.98	Peak
4	108.647	43.20	-12.54	30.66	43.50	12.84	Peak
5	199.986	40.99	-12.21	28.78	43.50	14.72	Peak
6	440.196	37.85	-7.28	30.57	46.00	15.43	Peak

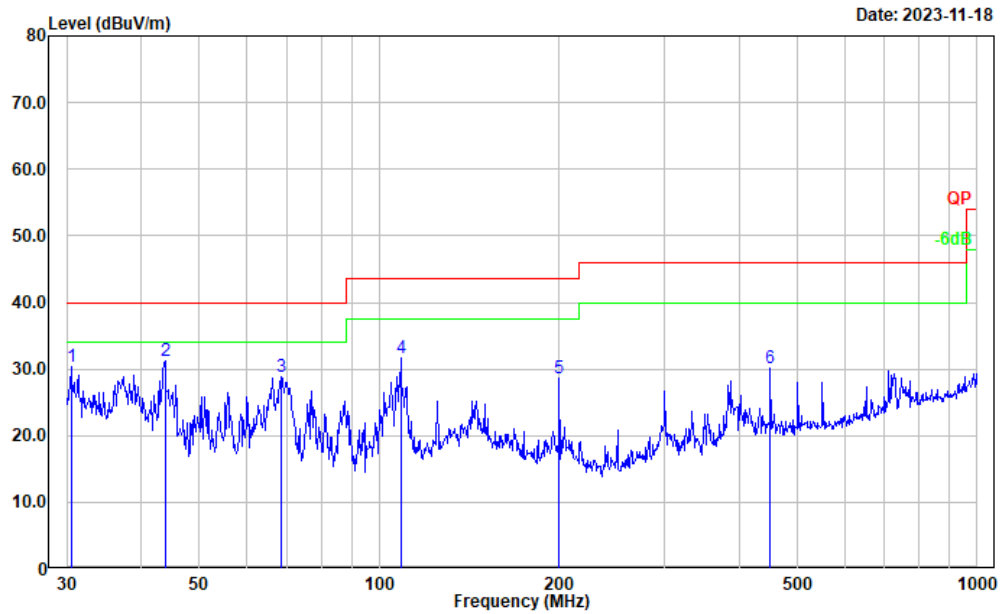
For Adapter F06US0500060A

Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.399	29.22	-4.86	24.36	40.00	15.64	Peak
2	143.326	38.35	-11.83	26.52	43.50	16.98	Peak
3	199.986	43.92	-12.21	31.71	43.50	11.79	Peak
4	300.367	39.96	-10.63	29.33	46.00	16.67	Peak
5	350.477	38.03	-10.03	28.00	46.00	18.00	Peak
6	451.135	41.39	-6.91	34.48	46.00	11.52	Peak

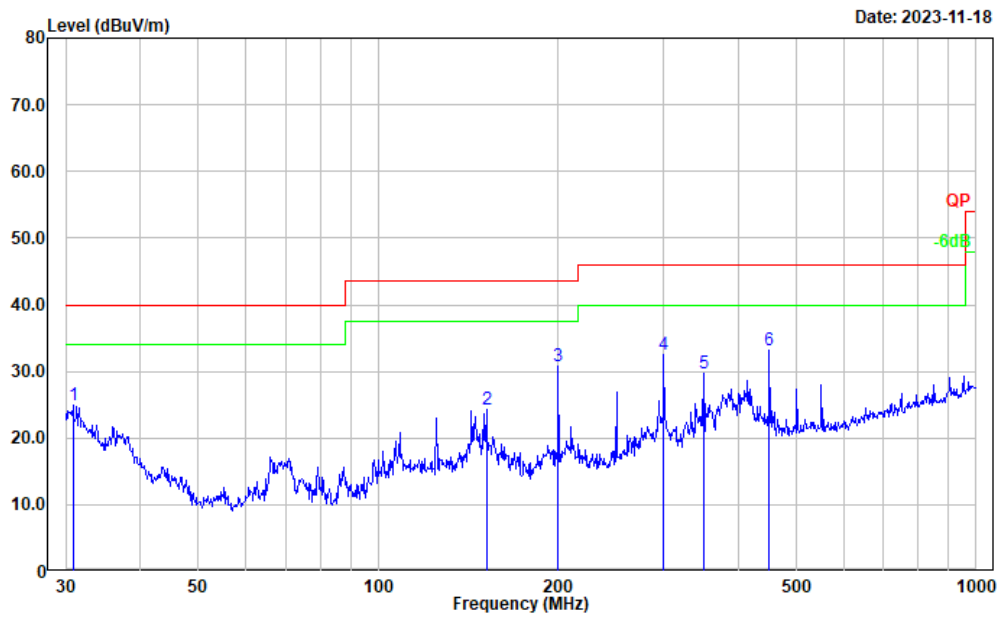
Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	34.61	-4.20	30.41	40.00	9.59	Peak
2	43.812	44.86	-13.58	31.28	40.00	8.72	Peak
3	68.631	45.56	-16.70	28.86	40.00	11.14	Peak
4	108.647	44.14	-12.54	31.60	43.50	11.90	Peak
5	199.986	40.93	-12.21	28.72	43.50	14.78	Peak
6	451.135	37.14	-6.91	30.23	46.00	15.77	Peak

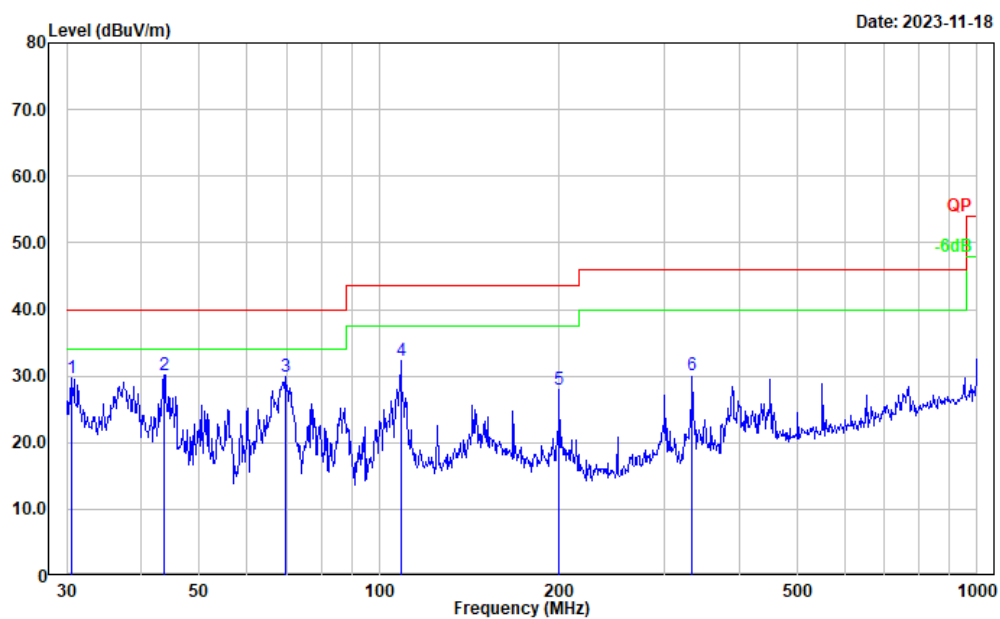
For Adapter GQ06-050060-ZU

Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.853	29.29	-4.45	24.84	40.00	15.16	Peak
2	151.597	36.19	-11.93	24.26	43.50	19.24	Peak
3	199.986	42.91	-12.21	30.70	43.50	12.80	Peak
4	300.367	43.15	-10.63	32.52	46.00	13.48	Peak
5	350.477	39.80	-10.03	29.77	46.00	16.23	Peak
6	451.135	39.97	-6.91	33.06	46.00	12.94	Peak

Project No.: CR231064045-RF
Tester: Carl Xue
Polarization: vertical
Note:

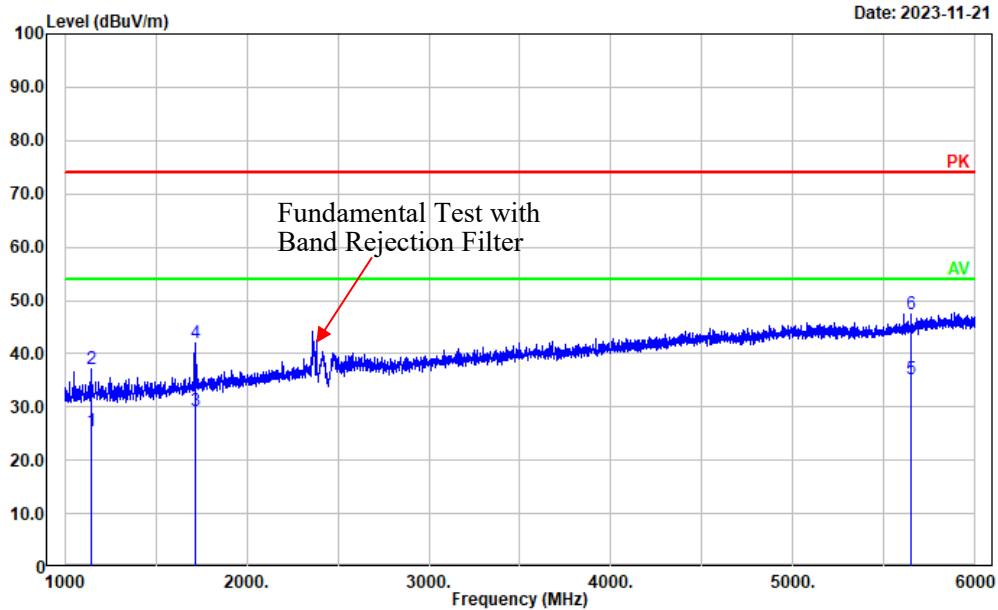


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	33.99	-4.20	29.79	40.00	10.21	Peak
2	43.659	43.72	-13.49	30.23	40.00	9.77	Peak
3	69.600	46.59	-16.61	29.98	40.00	10.02	Peak
4	108.647	44.79	-12.54	32.25	43.50	11.25	Peak
5	199.986	40.27	-12.21	28.06	43.50	15.44	Peak
6	333.687	40.21	-10.18	30.03	46.00	15.97	Peak

2) Above 1GHz
For Adapter DCT06W050060US-D0
1-6GHz

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:

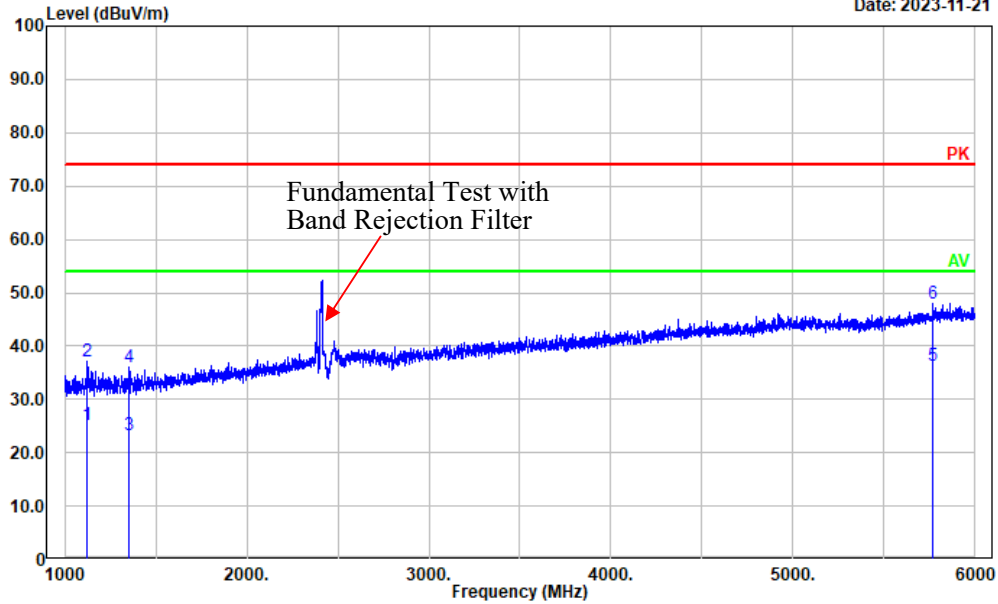
Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1149.030	26.76	-1.31	25.45	54.00	28.55	Average
2	1149.030	38.46	-1.31	37.15	74.00	36.85	Peak
3	1714.143	29.15	0.19	29.34	54.00	24.66	Average
4	1714.143	41.72	0.19	41.91	74.00	32.09	Peak
5	5646.929	22.94	12.32	35.26	54.00	18.74	Average
6	5646.929	35.24	12.32	47.56	74.00	26.44	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:

Date: 2023-11-21

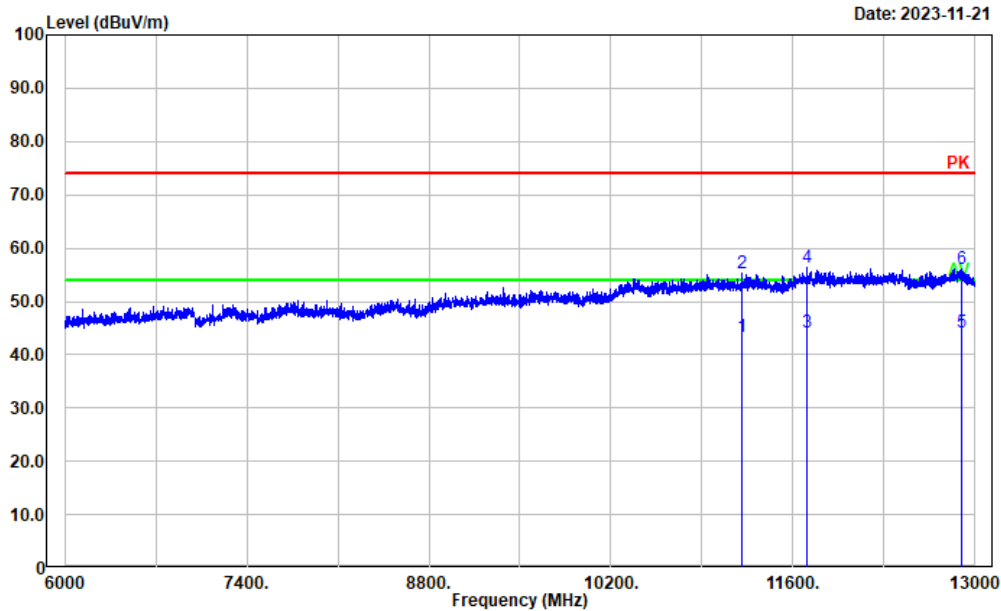


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1126.025	26.46	-1.36	25.10	54.00	28.90	Average
2	1126.025	38.39	-1.36	37.03	74.00	36.97	Peak
3	1354.071	24.50	-1.11	23.39	54.00	30.61	Average
4	1354.071	37.03	-1.11	35.92	74.00	38.08	Peak
5	5769.954	23.62	12.62	36.24	54.00	17.76	Average
6	5769.954	35.45	12.62	48.07	74.00	25.93	Peak

6-13GHz

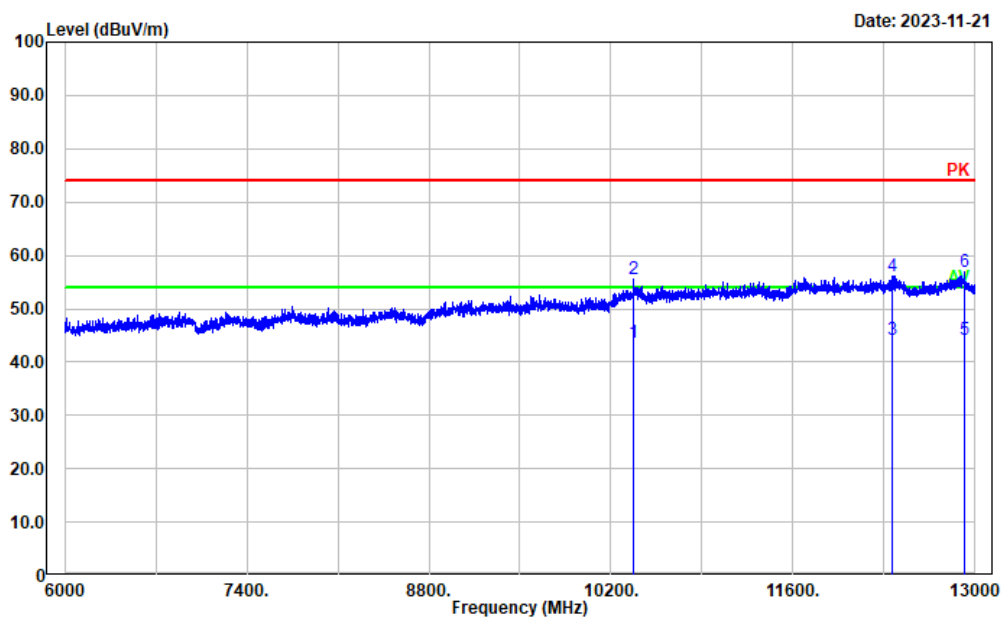
Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:

Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	11209.040	22.02	21.37	43.39	54.00	10.61	Average
2	11209.040	33.87	21.37	55.24	74.00	18.76	Peak
3	11711.740	21.87	22.25	44.12	54.00	9.88	Average
4	11711.740	34.10	22.25	56.35	74.00	17.65	Peak
5	12890.780	20.96	23.26	44.22	54.00	9.78	Average
6	12890.780	32.82	23.26	56.08	74.00	17.92	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:

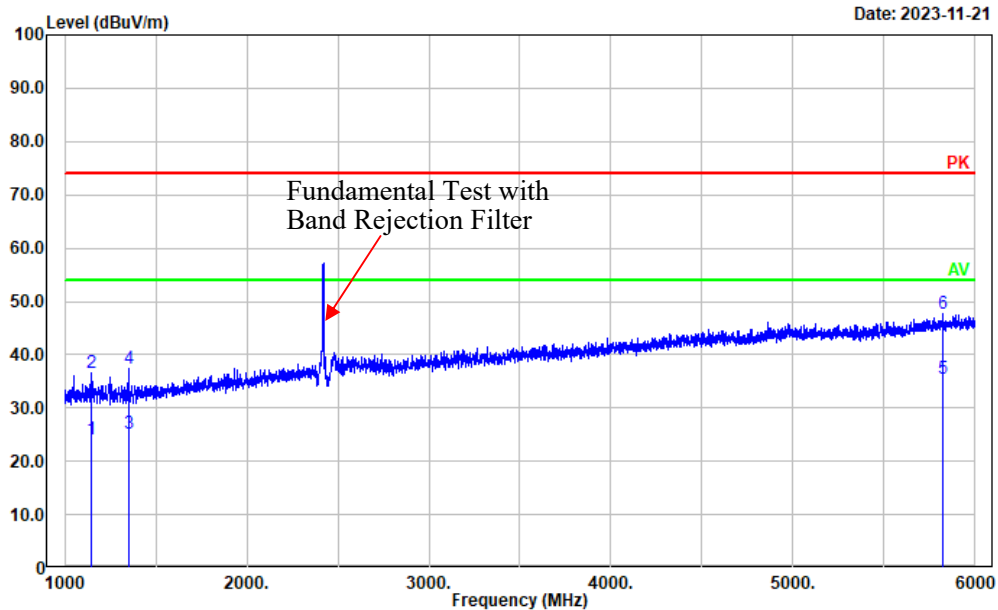


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	10377.280	23.17	20.49	43.66	54.00	10.34	Average
2	10377.280	35.17	20.49	55.66	74.00	18.34	Peak
3	12357.270	21.57	22.63	44.20	54.00	9.80	Average
4	12357.270	33.43	22.63	56.06	74.00	17.94	Peak
5	12917.380	20.89	23.21	44.10	54.00	9.90	Average
6	12917.380	33.69	23.21	56.90	74.00	17.10	Peak

For Adapter F06US0500060A
1-6GHz

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:

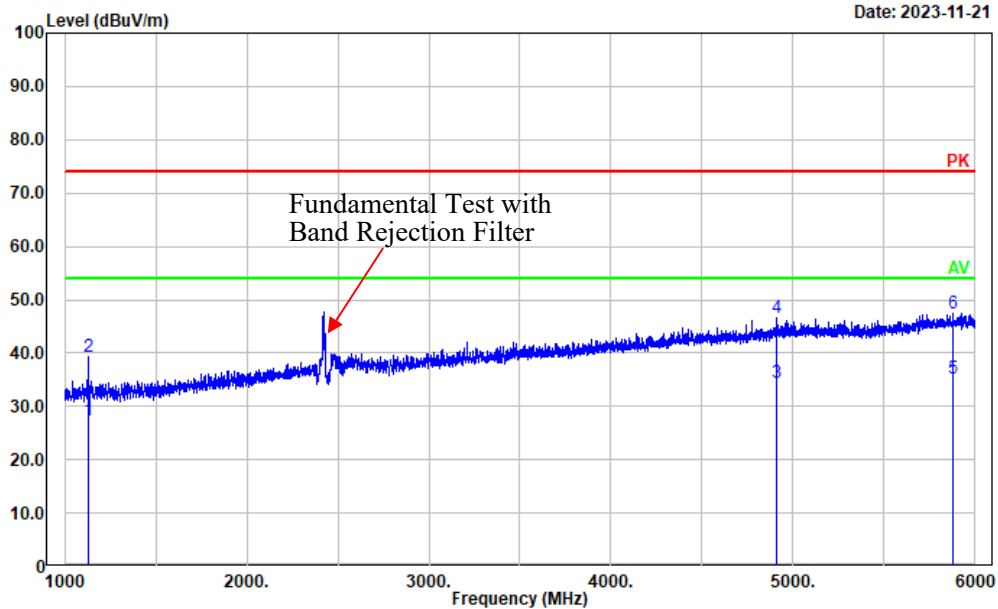
Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1149.030	25.47	-1.31	24.16	54.00	29.84	Average
2	1149.030	38.02	-1.31	36.71	74.00	37.29	Peak
3	1354.071	26.23	-1.11	25.12	54.00	28.88	Average
4	1354.071	38.55	-1.11	37.44	74.00	36.56	Peak
5	5822.964	22.85	12.73	35.58	54.00	18.42	Average
6	5822.964	35.01	12.73	47.74	74.00	26.26	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:

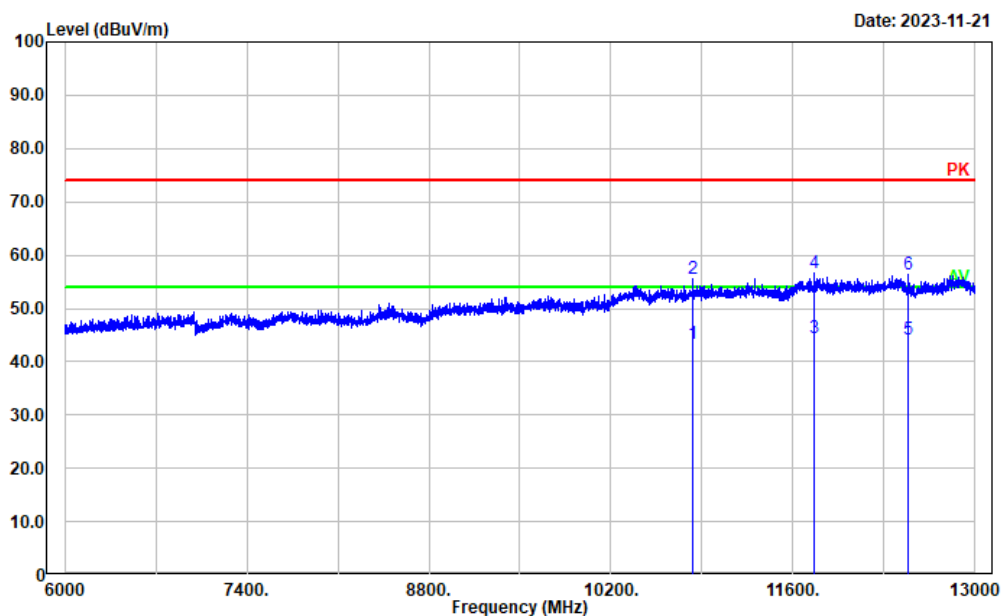
Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1128.026	28.70	-1.36	27.34	54.00	26.66	Average
2	1128.026	40.64	-1.36	39.28	74.00	34.72	Peak
3	4911.782	22.84	11.61	34.45	54.00	19.55	Average
4	4911.782	34.90	11.61	46.51	74.00	27.49	Peak
5	5876.976	22.32	12.90	35.22	54.00	18.78	Average
6	5876.976	34.59	12.90	47.49	74.00	26.51	Peak

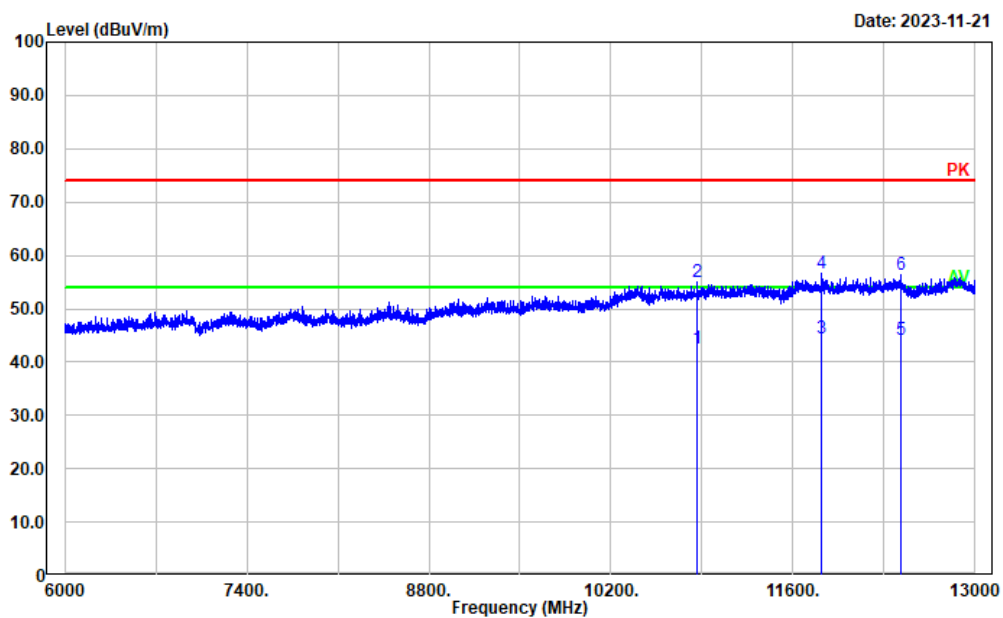
6-13GHz

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	10830.970	21.93	21.35	43.28	54.00	10.72	Average
2	10830.970	34.09	21.35	55.44	74.00	18.56	Peak
3	11766.350	22.09	22.23	44.32	54.00	9.68	Average
4	11766.350	34.40	22.23	56.63	74.00	17.37	Peak
5	12486.100	21.91	22.31	44.22	54.00	9.78	Average
6	12486.100	34.15	22.31	56.46	74.00	17.54	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:

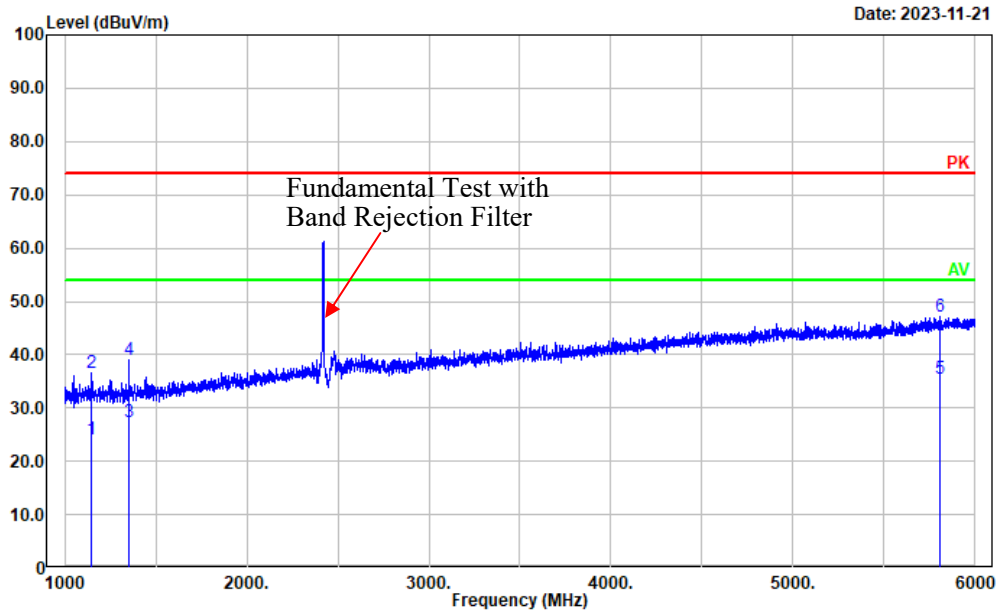


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	10864.570	21.08	21.44	42.52	54.00	11.48	Average
2	10864.570	33.48	21.44	54.92	74.00	19.08	Peak
3	11818.160	22.04	22.28	44.32	54.00	9.68	Average
4	11818.160	34.43	22.28	56.71	74.00	17.29	Peak
5	12432.890	21.63	22.49	44.12	54.00	9.88	Average
6	12432.890	33.79	22.49	56.28	74.00	17.72	Peak

For Adapter GQ06-050060-ZU
1-6GHz

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:

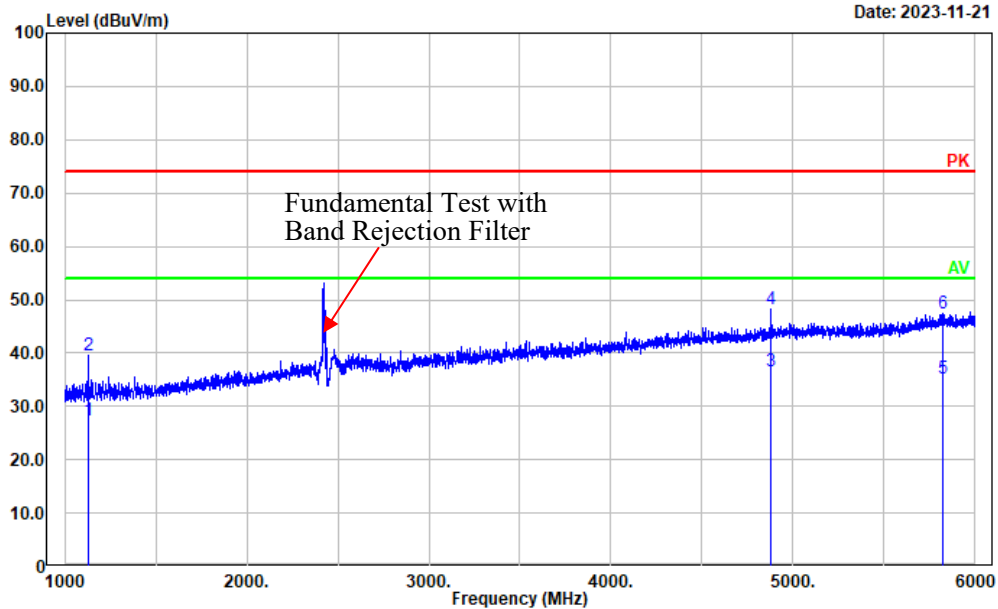
Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1150.030	25.43	-1.31	24.12	54.00	29.88	Average
2	1150.030	37.92	-1.31	36.61	74.00	37.39	Peak
3	1354.071	28.45	-1.11	27.34	54.00	26.66	Average
4	1354.071	40.11	-1.11	39.00	74.00	35.00	Peak
5	5805.961	22.69	12.69	35.38	54.00	18.62	Average
6	5805.961	34.55	12.69	47.24	74.00	26.76	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:

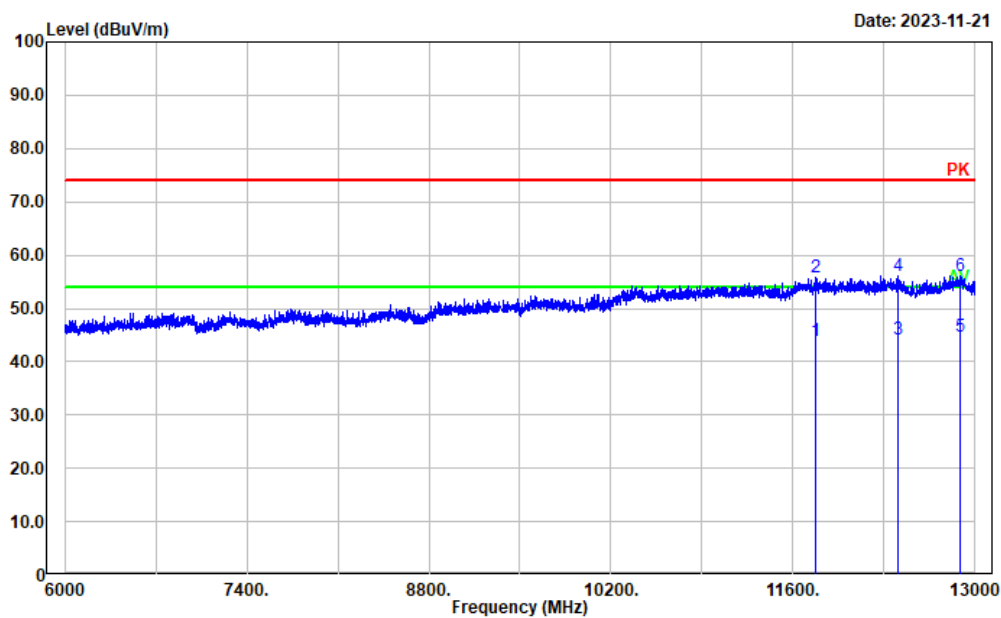
Date: 2023-11-21



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1131.026	28.68	-1.34	27.34	54.00	26.66	Average
2	1131.026	40.98	-1.34	39.64	74.00	34.36	Peak
3	4874.775	25.24	11.45	36.69	54.00	17.31	Average
4	4874.775	36.92	11.45	48.37	74.00	25.63	Peak
5	5821.964	22.51	12.73	35.24	54.00	18.76	Average
6	5821.964	34.71	12.73	47.44	74.00	26.56	Peak

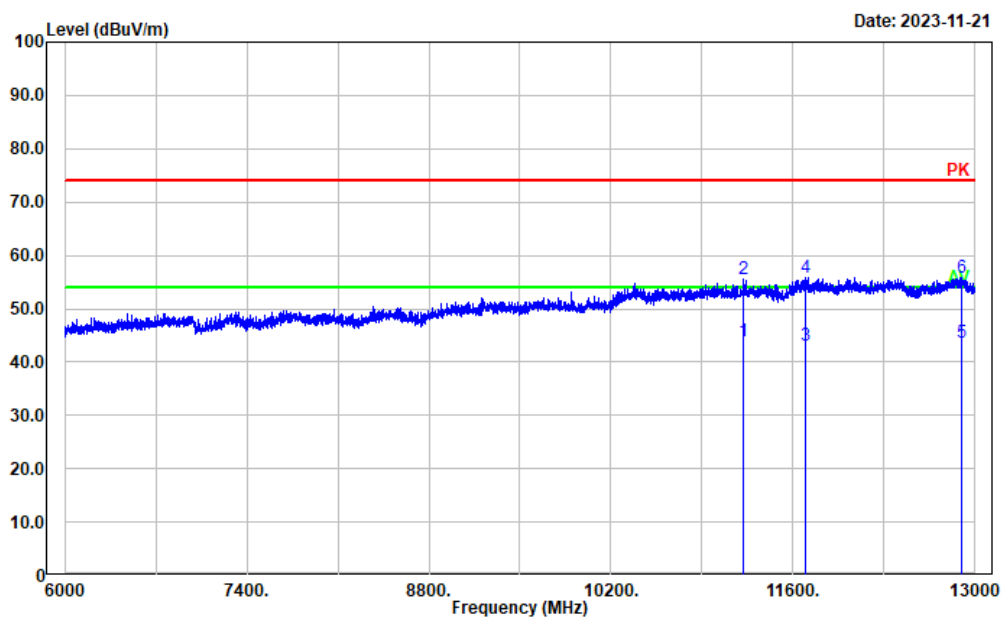
6-13GHz

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	11769.150	21.67	22.22	43.89	54.00	10.11	Average
2	11769.150	33.73	22.22	55.95	74.00	18.05	Peak
3	12406.280	21.50	22.60	44.10	54.00	9.90	Average
4	12406.280	33.40	22.60	56.00	74.00	18.00	Peak
5	12887.980	21.40	23.25	44.65	54.00	9.35	Average
6	12887.980	32.83	23.25	56.08	74.00	17.92	Peak

Project No.: CR231064045-RF
Tester: Mack Huang
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	11214.640	22.47	21.40	43.87	54.00	10.13	Average
2	11214.640	34.18	21.40	55.58	74.00	18.42	Peak
3	11696.340	20.97	22.24	43.21	54.00	10.79	Average
4	11696.340	33.58	22.24	55.82	74.00	18.18	Peak
5	12894.980	20.35	23.28	43.63	54.00	10.37	Average
6	12894.980	32.51	23.28	55.79	74.00	18.21	Peak

5. EUT PHOTOGRAPHS

Please refer to the attachment CR231064045-EXP EUT EXTERNAL PHOTOGRAPHS and CR231064045-INP EUT INTERNAL PHOTOGRAPHS.

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR231064045-00A-TSP TEST SETUP PHOTOGRAPHS.

===== END OF REPORT =====