Shenzhen CTA Testing Technology Co., Ltd.

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China

FCC PART 15 SUBPART C TEST REPORT

Report Reference No.....	**CTA25063003501**
FCC ID.....	**2AQI5-W752**
Compiled by (position+printed name+signature)..:	File administrators Zoey Cao
Supervised by (position+printed name+signature)..:	Project Engineer Ace Chai
Approved by (position+printed name+signature)..:	RF Manager Eric Wang
Date of issue.....:	Jul. 08, 2025

Testing Laboratory Name.....:	**Shenzhen CTA Testing Technology Co., Ltd.**
Address.....:	Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name.....:	**Ugreen Group Limited**
Address.....:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, Shenzhen, China

Test specification.....:	
Standard.....:	**FCC Rules and Regulations Part 15 Subpart C (Section 15.209), ANSI C63.10: 2013**

Test item description.....:	**2-in-1 Magnetic Wireless Charger**
Trade Mark.....:	**UGREEN**
Manufacturer.....:	Ugreen Group Limited
Model/Type reference.....:	W752
Listed Models .....:	N/A
Modulation Type.....:	ASK
Operation Frequency.....:	iPhone Coil1: 127.8KHz, 360KHz AirPods Coil2: 110.1-148.5KHz
Rating.....:	USB-C1 (IN) Input: 9.0V⎓3.0A/12.0V⎓3.0A/15.0V⎓3.0A Wireless Charging Output Power: iPhone 25.0W Max, AirPods 5.0W Max Wireless Charging Total Output Power: 30.0W Max USB-C2 (OUT) Output: 5.0V⎓1.0A 5.0W Max Total Output Power: 35.0W Max
Result.....:	**PASS**

TEST REPORT

Equipment under Test	:	2-in-1 Magnetic Wireless Charger
Model /Type	:	W752
Listed Models	:	N/A
Applicant	:	**Ugreen Group Limited**
Address	:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, Shenzhen, China
Manufacturer	:	**Ugreen Group Limited**
Address	:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, Shenzhen, China

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Contents

1 TEST STANDARDS

The tests were performed according to following standards:

FCC Rules and Regulations Part 15 Subpart C (Section 15.207): Conducted limits.
FCC Rules and Regulations Part 15 Subpart C (Section 15.209): Radiated emission limits; general requirements.
ANSI C63.10: 2013: American National Standard for Testing Unlicensed Wireless Devices

2 SUMMARY

2.1 General Remarks

Date of receipt of test sample	:	May. 26, 2025
Testing commenced on	:	May. 26, 2025
Testing concluded on	:	Jul. 08, 2025

2.2 Product Description

Product Name:	2-in-1 Magnetic Wireless Charger
Model/Type reference:	W752
Power supply:	USB-C1 (IN) Input: 9.0V⎓3.0A/12.0V⎓3.0A/15.0V⎓3.0A Wireless Charging Output Power: iPhone 25.0W Max, AirPods 5.0W Max Wireless Charging Total Output Power: 30.0W Max USB-C2 (OUT) Output: 5.0V⎓1.0A 5.0W Max Total Output Power: 35.0W Max
Test samples ID:	CTA250630035-1# (Engineer sample) CTA250630035-2# (Normal sample)
Hardware version:	V2.1
Software version:	V2.1
Operation frequency:	iPhone Coil1: 127.8KHz, 360KHz AirPods Coil2: 110.1-148.5KHz
Modulation type:	ASK
Antenna type:	Loop coil antenna
ANT Gain:	0dBi

Remark:

1. - P/N code in the below table, for marketing purpose, will be marked on the marking plate

55960	55960P	55960X	55960A	55960B	55960U	55960JP	55960ZD	55960T	KC-55960

2. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.3 Description of the test mode

Equipment under test was operated during the measurement under the following conditions:

☒ Charging and communication mode

Test Modes:		
Mode 1	2-in-1 Magnetic Wireless Charger	Recorded
Mode 2	Standby	Pre-tested
Note: All test modes were pre-tested, but we only recorded the worst case in this report.		

2.4 Special Accessories

Follow auxiliary equipment(s) test with EUT that provided by the laboratory is listed as follow:

Description	Manufacturer	Model	Technical Parameters	Certificate	Provided by
Phone	/	iPhone 16pro max	/	/	/
Adapter	/	/	Input: AC 100-240V 50/60Hz	/	/

			Output: DC 9V 3A, DC 12V 3.0A, DC 15V 3.0A		
Wireless headphones	/	/	AirPods 3	/	/

2.5 Modifications

No modifications were implemented to meet testing criteria.

3 TEST ENVIRONMENT

3.1 Address of the test laboratory

Shenzhen CTA Testing Technology Co., Ltd.
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
Fuhai Street, Bao'an District, Shenzhen, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:
FCC-Registration No.: 517856 Designation Number: CN1318

Shenzhen CTA Testing Technology Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6534.01

Shenzhen CTA Testing Technology Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

3.3 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:
Radiated Emission:

Temperature:	24 ° C
Humidity:	45 %
Atmospheric pressure:	950-1050mbar

AC Power Conducted Emission:

Temperature:	25 ° C
Humidity:	46 %
Atmospheric pressure:	950-1050mbar

Conducted testing:

Temperature:	25 ° C
Humidity:	44 %
Atmospheric pressure:	950-1050mbar

3.4 Summary of measurement results

Description of test	Result
Conducted emissions test	Compliant
Radiated emission test	Compliant
The 20dB bandwidth measurement	Compliant
Antenna requirement	Compliant

3.5 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01" Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the Shenzhen CTA Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device. Hereafter the best measurement capability for Shenzhen CTA Testing Technology Co., Ltd. :

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	9KHz~30MHz	3.02 dB	(1)
Radiated Emission	30~1000MHz	4.06 dB	(1)
Radiated Emission	1~18GHz	5.14 dB	(1)
Radiated Emission	18-40GHz	5.38 dB	(1)
Conducted Disturbance	0.15~30MHz	2.14 dB	(1)
Output Peak power	30MHz~18GHz	0.55 dB	(1)
Power spectral density	/	0.57 dB	(1)
Spectrum bandwidth	/	1.1%	(1)
Radiated spurious emission (30MHz-1GHz)	30~1000MHz	4.10 dB	(1)
Radiated spurious emission (1GHz-18GHz)	1~18GHz	4.32 dB	(1)
Radiated spurious emission (18GHz-40GHz)	18-40GHz	5.54 dB	(1)
Time	/	±2%	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.6 Equipments Used during the Test

Test Equipment	Manufacturer	Model No.	Equipment No.	Calibration Date	Calibration Due Date
LISN	R&S	ENV216	CTA-308	2024/08/03	2025/08/02
LISN	R&S	ENV216	CTA-314	2024/08/03	2025/08/02
EMI Test Receiver	R&S	ESPI	CTA-307	2024/08/03	2025/08/02
EMI Test Receiver	R&S	ESCI	CTA-306	2024/08/03	2025/08/02
Spectrum Analyzer	Agilent	N9020A	CTA-301	2024/08/03	2025/08/02
Spectrum Analyzer	R&S	FSU	CTA-337	2024/08/03	2025/08/02
Vector Signal generator	Agilent	N5182A	CTA-305	2024/08/03	2025/08/02

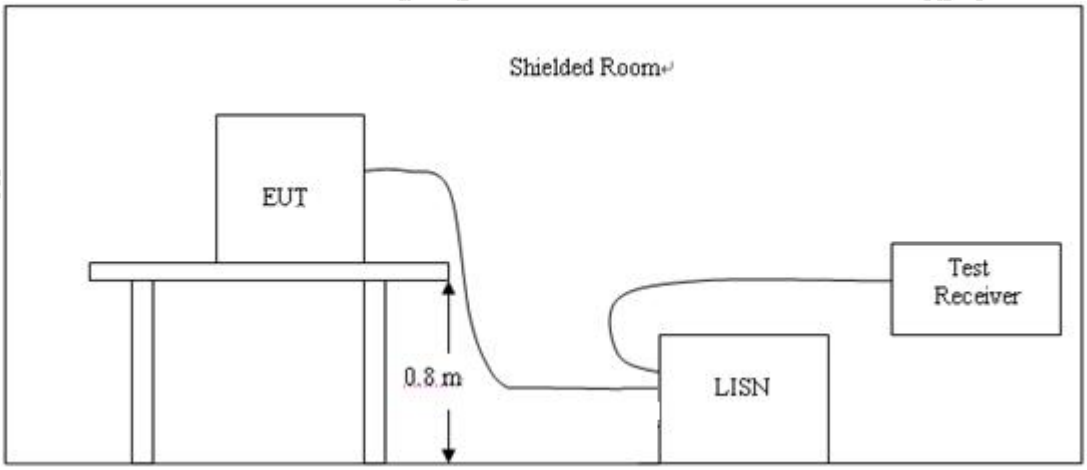
Analog Signal Generator	R&S	SML03	CTA-304	2024/08/03	2025/08/02
WIDEBAND RADIO COMMUNICATION TESTER	CMW500	R&S	CTA-302	2024/08/03	2025/08/02
Temperature and humidity meter	Chigo	ZG-7020	CTA-326	2024/08/03	2025/08/02
Ultra-Broadband Antenna	Schwarzbeck	VULB9163	CTA-310	2023/10/17	2026/10/16
Horn Antenna	Schwarzbeck	BBHA 9120D	CTA-309	2023/10/13	2026/10/12
Loop Antenna	Zhinan	ZN30900C	CTA-311	2023/10/17	2026/10/16
Broadband Horn Antenna	A-INFOMW	LB-180500H-2.4F	CTA-336	2023/09/13	2026/09/12
Amplifier	Schwarzbeck	BBV 9745	CTA-312	2024/08/03	2025/08/02
Amplifier	Taiwan chengyi	EMC051845B	CTA-313	2024/08/03	2025/08/02
Directional coupler	NARDA	4226-10	CTA-303	2024/08/03	2025/08/02
High-Pass Filter	XingBo	XBLBQ-GTA18	CTA-402	2024/08/03	2025/08/02
High-Pass Filter	XingBo	XBLBQ-GTA27	CTA-403	2024/08/03	2025/08/02
Automated filter bank	Tonscend	JS0806-F	CTA-404	2024/08/03	2025/08/02
Power Sensor	Agilent	U2021XA	CTA-405	2024/08/03	2025/08/02
Amplifier	Schwarzbeck	BBV9719	CTA-406	2024/08/03	2025/08/02
Spectrum analyzer	R&S	FSV40-N	CTA-344	2025/05/17	2026/05/16
Power Meter	R&S	NRVS	CTA-354	2024/08/03	2025/08/02

Test Equipment	Manufacturer	Model No.	Version number	Calibration Date	Calibration Due Date
EMI Test Software	Tonscend	TS®JS32-RE	5.0.0.2	N/A	N/A
EMI Test Software	Tonscend	TS®JS32-CE	5.0.0.1	N/A	N/A
RF Test Software	Tonscend	TS®JS1120-3	3.1.65	N/A	N/A
RF Test Software	Tonscend	TS®JS1120	3.1.46	N/A	N/A

4 TEST CONDITIONS AND RESULTS

4.1 AC Power Conducted Emission

TEST CONFIGURATION



TEST PROCEDURE

1, The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2, Support equipment, if needed, was placed as per ANSI C63.10.
3, All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4, If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5, All support equipments received AC power from a second LISN, if any.
6, The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7, Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.

AC Power Conducted Emission Limit

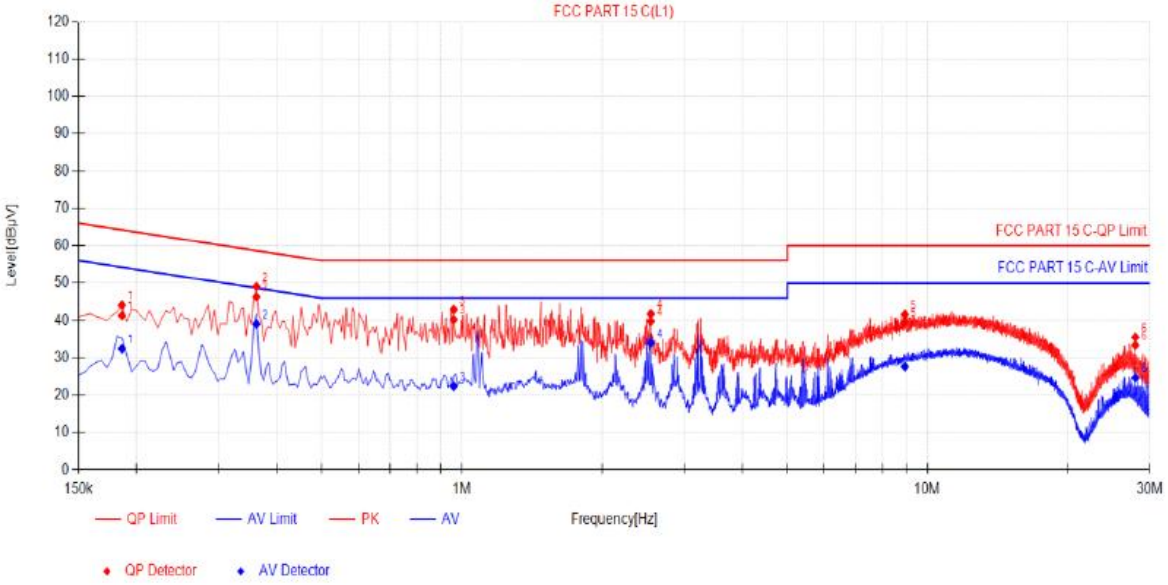
For intentional device, according to § 15.207(a) AC Power Conducted Emission Limits is as following:

Frequency range (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
* Decreases with the logarithm of the frequency.		

TEST RESULTS

1. Both 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz power supply have been tested, only the worst result of 120 VAC, 60 Hz was reported as below:

Power supply:	DC 15.0V From Adapter AC 120V/60Hz	Polarization	L



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Reading[dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.186	10.03	31.31	41.34	64.21	22.87	22.42	32.45	54.21	21.76	PASS
2	0.3615	9.87	36.48	46.35	58.69	12.34	29.16	39.03	48.69	9.66	PASS
3	0.96	9.96	30.24	40.20	56.00	15.80	12.42	22.38	46.00	23.62	PASS
4	2.544	10.10	29.66	39.76	56.00	16.24	23.85	33.95	46.00	12.05	PASS
5	8.9475	10.27	29.15	39.42	60.00	20.58	17.36	27.63	50.00	22.37	PASS
6	27.9465	10.57	22.79	33.36	60.00	26.64	14.10	24.67	50.00	25.33	PASS

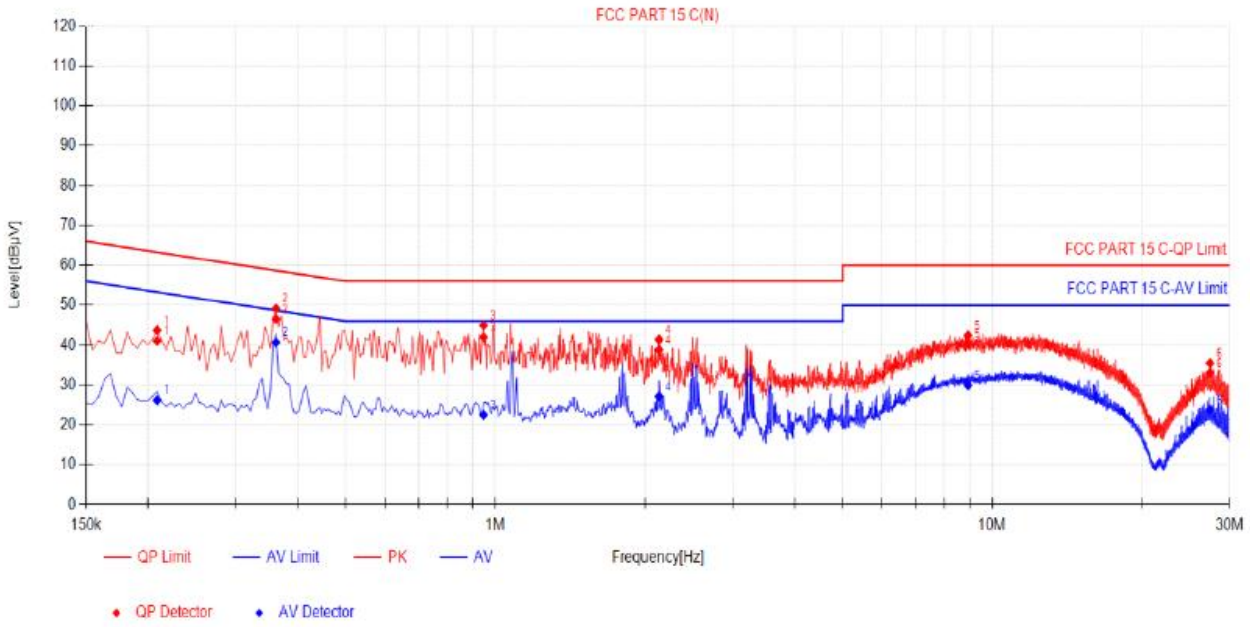
Note:1).QP Value (dBµV)= QP Reading (dBµV)+ Factor (dB)

2). Factor (dB)=insertion loss of LISN (dB) + Cable loss (dB)

3). QPMargin(dB) = QP Limit (dBµV) - QP Value (dBµV)

4). AVMargin(dB) = AV Limit (dBµV) - AV Value (dBµV)

Power supply:	DC 5.0V From Adapter AC 120V/60Hz	Polarization	N



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Reading[dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.2085	9.96	31.09	41.05	63.26	22.21	16.22	26.18	53.26	27.08	PASS
2	0.3615	9.88	36.64	46.52	58.69	12.17	30.80	40.68	48.69	8.01	PASS
3	0.9465	10.12	31.87	41.99	56.00	14.01	12.38	22.50	46.00	23.50	PASS
4	2.1345	10.17	28.60	38.77	56.00	17.23	16.93	27.10	46.00	18.90	PASS
5	8.9385	10.41	29.86	40.27	60.00	19.73	19.50	29.91	50.00	20.09	PASS
6	27.4245	10.77	22.21	32.98	60.00	27.02	12.94	23.71	50.00	26.29	PASS

Note:1).QP Value (dBµV)= QP Reading (dBµV)+ Factor (dB)
2). Factor (dB)=insertion loss of LISN (dB) + Cable loss (dB)
3). QPMargin(dB) = QP Limit (dBµV) - QP Value (dBµV)
4). AVMargin(dB) = AV Limit (dBµV) - AV Value (dBµV)

4.2 Radiated Emission

Limit

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission out of authorized band shall not exceed the following table at a 3 meters measurement distance.

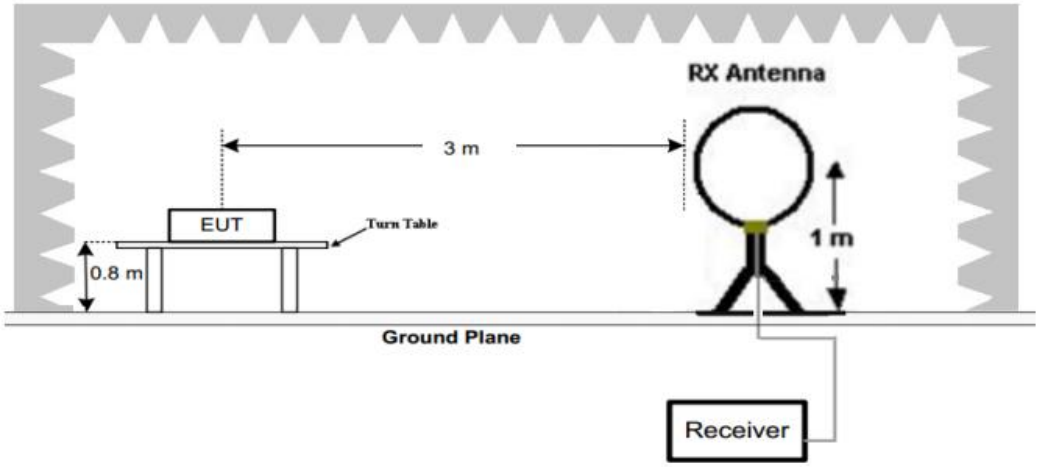
In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a)

Radiated emission limits

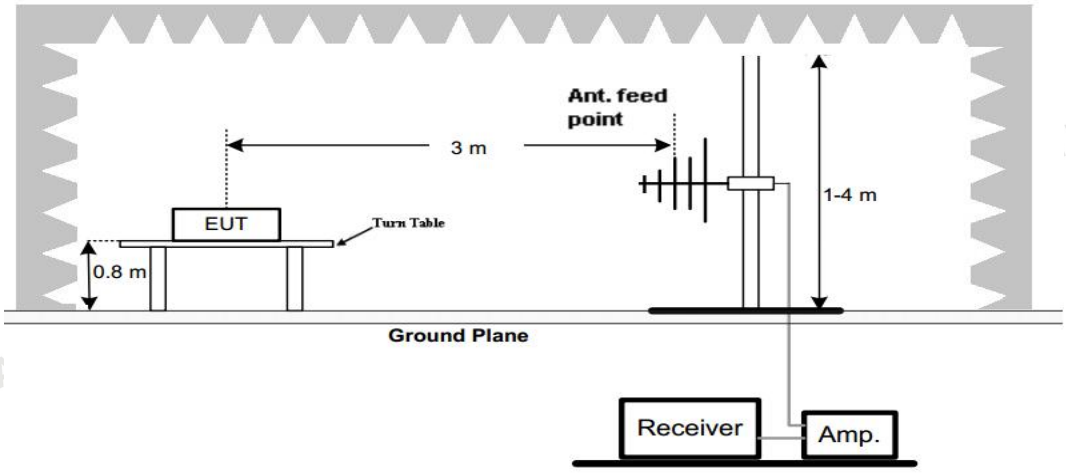
Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
0.49-1.705	3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
1.705-30	3	20log(30)+ 40log(30/3)	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

TEST CONFIGURATION

1. Radiated Emission Test Set-Up, Frequency Below 30MHz



2. Radiated Emission Test Set-Up, Frequency below 1000MHz



Test Procedure

1. Below 1GHz measurement the EUT is placed on a turntable which is 0.8m above ground plane.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0℃ to 360℃ to acquire the highest emissions from EUT
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed.
5. Radiated emission test frequency band from 9KHz to 1000MHz.
6. The distance between test antenna and EUT as following table states:

Test Frequency range	Test Antenna Type	Test Distance
9KHz-30MHz	Active Loop Antenna	3
30MHz-1GHz	Bilog Antenna	3

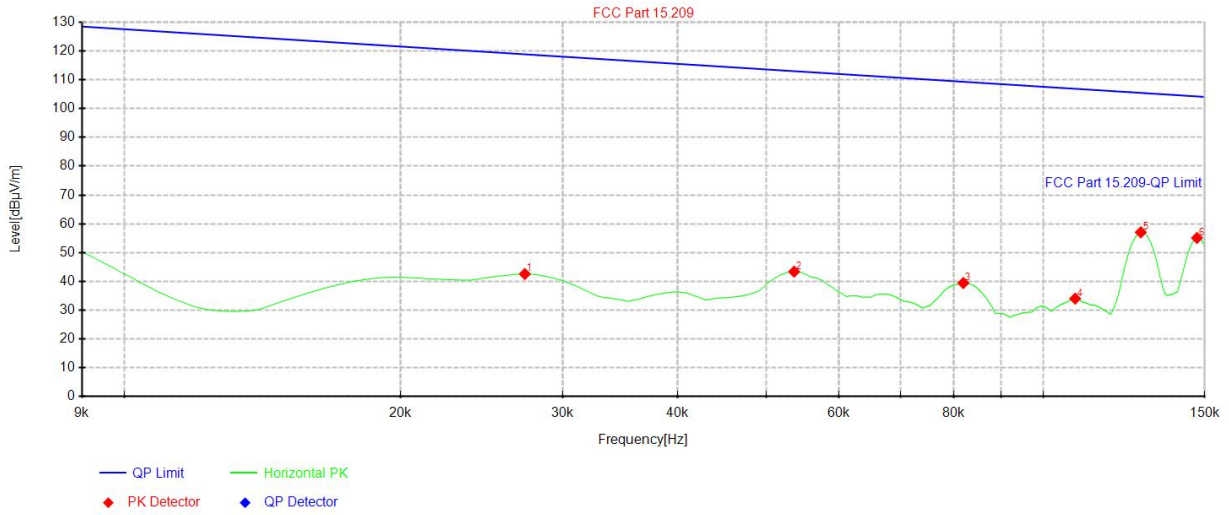
7. Setting test receiver/spectrum as following table states:

Test Frequency range	Test Receiver/Spectrum Setting	Detector
9KHz-150KHz	RBW=200Hz/VBW=3KHz,Sweep time=Auto	QP
150KHz-30MHz	RBW=9KHz/VBW=100KHz,Sweep time=Auto	QP
30MHz-1GHz	RBW=120KHz/VBW=1000KHz,Sweep time=Auto	QP

TEST RESULTS

Coplanar

For 9K-150K



Suspected Data List

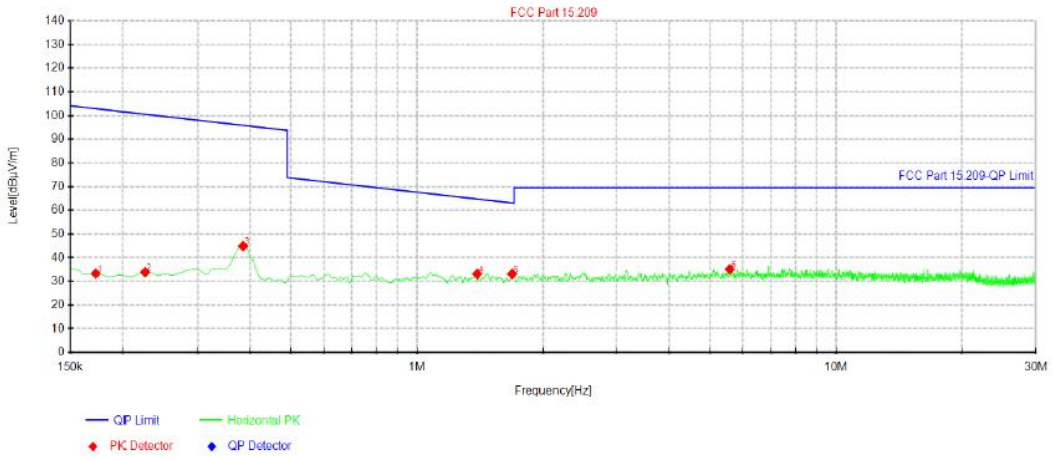
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	0.0273	52.11	42.55	-9.56	118.87	76.32	100	79	QP
2	0.0536	53.08	43.34	-9.74	113.03	69.69	100	100	QP
3	0.0819	48.40	39.40	-9.00	109.34	69.94	100	86	QP
4	0.1084	42.98	33.97	-9.01	106.90	72.93	100	260	QP
5	0.1278	66.02	57.03	-8.99	105.47	48.44	100	282	QP
6	0.1471	64.05	55.07	-8.98	104.25	49.18	100	72	QP

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)

2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)

3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

For 150K-30MHz



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	0.1724	42.44	33.31	-9.13	102.80	69.49	100	241	QP
2	0.2246	43.37	33.87	-9.50	100.57	66.70	100	68	QP
3	0.36	54.60	44.87	-9.73	96.41	51.54	100	360	QP
4	1.3925	42.65	33.14	-9.51	64.67	31.53	100	233	QP
5	1.6873	42.55	33.14	-9.41	63.03	29.89	100	142	QP
6	5.579	43.86	35.12	-8.74	69.54	34.42	100	167	QP

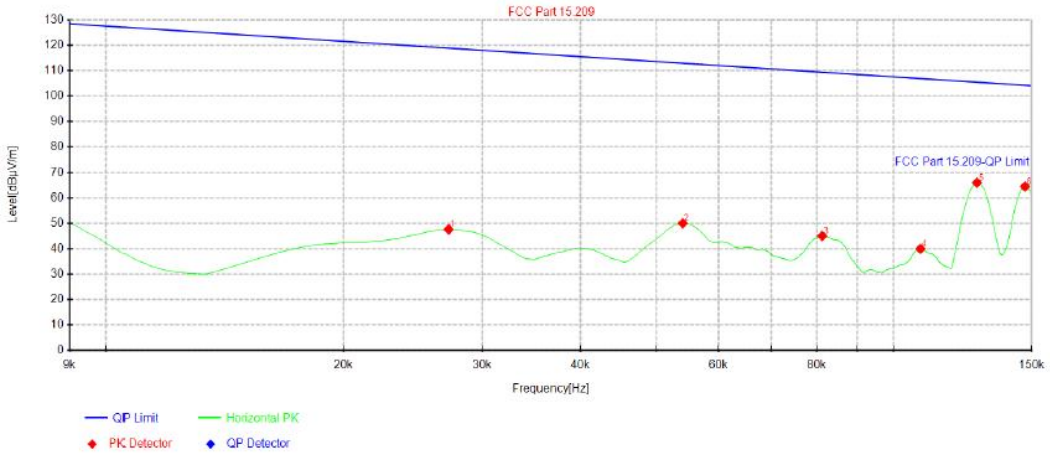
Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)

2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)

3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

Coaxial

For 9K-150K

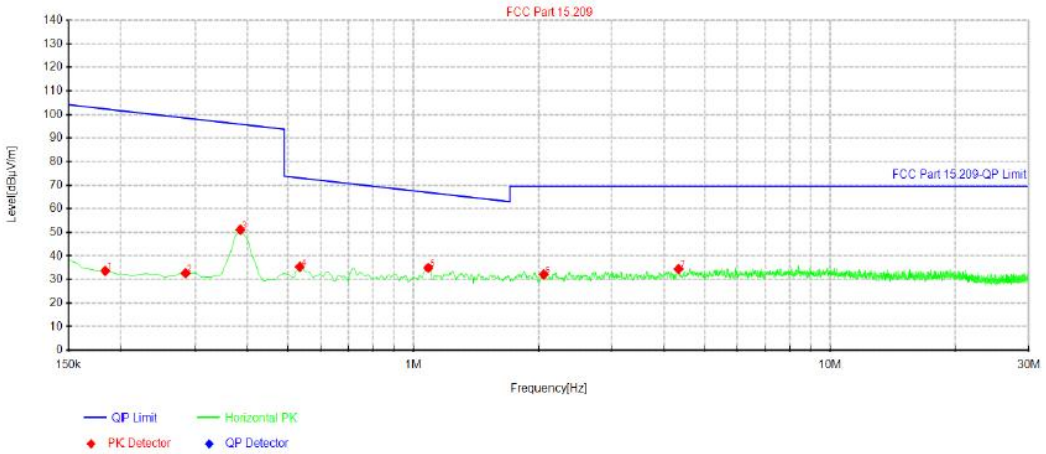


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	0.0272	57.15	47.59	-9.56	118.92	83.33	100	171	QP
2	0.054	59.66	49.93	-9.73	112.96	75.03	100	164	QP
3	0.0812	54.02	45.02	-9.00	109.41	76.39	100	171	QP
4	0.1083	48.96	39.95	-9.01	106.91	78.96	100	185	QP
5	0.1278	74.93	65.94	-8.99	105.47	51.53	100	179	QP
6	0.1471	73.41	64.43	-8.98	104.25	51.82	100	357	QP

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)
2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)
3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

For 150K-30MHz



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	0.1836	42.85	33.64	-9.21	102.31	68.67	100	159	QP
2	0.2843	42.37	32.66	-9.71	98.48	65.82	100	0	QP
3	0.36	60.79	51.06	-9.73	96.41	45.35	100	242	QP
4	0.5343	44.94	35.35	-9.59	72.98	37.63	100	242	QP
5	1.0865	44.56	34.94	-9.62	66.80	31.86	100	234	QP
6	2.0567	41.39	32.09	-9.30	69.54	37.45	100	35	QP
7	4.3327	43.41	34.45	-8.96	69.54	35.09	100	135	QP

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)

2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)

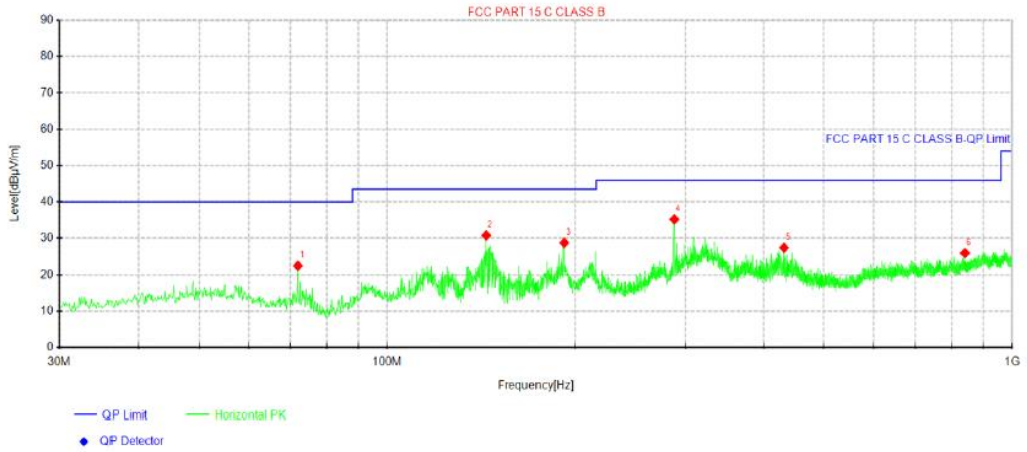
3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

Remark:

1. Data of measurement within this frequency range shown “-- in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits and not recorded.
2. The test limit distance is 3m limit.
3. PK means Peak Value, QP means Quasi Peak Value, AV means Average Value.
4. F means Fundamental Frequency.
5. Emission level (dBuV/m) =Reading + Antenna Factor + Cable Loss.
6. Margin value = Limit value- Emission level.

For 30MHz-1GHz

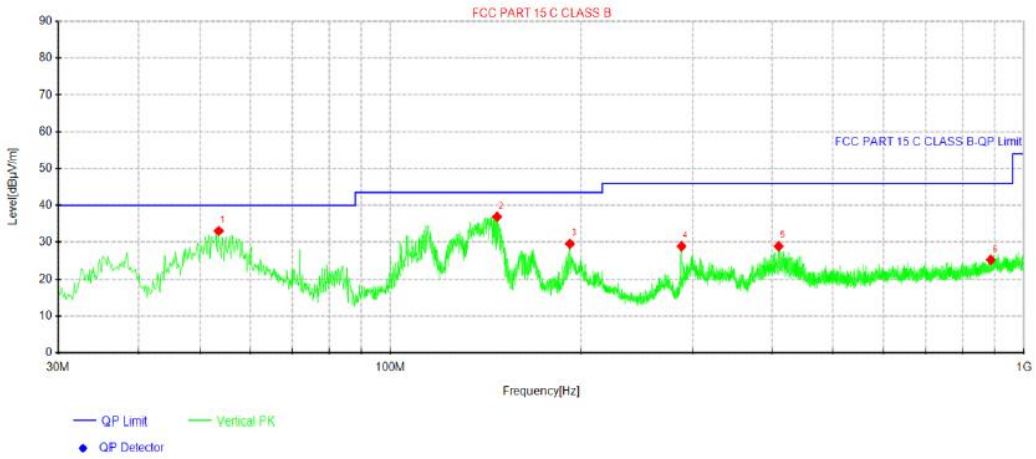
Horizontal



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	71.9525	37.66	22.43	-15.23	40.00	17.57	100	54	Horizontal
2	143.975	46.36	30.79	-15.57	43.50	12.71	100	360	Horizontal
3	191.99	42.17	28.77	-13.40	43.50	14.73	100	89	Horizontal
4	288.02	46.54	35.25	-11.29	46.00	10.75	100	89	Horizontal
5	431.58	37.25	27.40	-9.85	46.00	18.60	100	97	Horizontal
6	840.556	29.88	25.95	-3.93	46.00	20.05	100	337	Horizontal

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)
2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)
3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

Vertical



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	53.5225	44.52	33.09	-11.43	40.00	6.91	100	289	Vertical
2	147.248	52.44	36.96	-15.48	43.50	6.54	100	1	Vertical
3	191.99	42.97	29.57	-13.40	43.50	13.93	100	349	Vertical
4	288.02	40.20	28.91	-11.29	46.00	17.09	100	280	Vertical
5	409.997	39.03	28.92	-10.11	46.00	17.08	100	227	Vertical
6	886.631	28.04	25.23	-2.81	46.00	20.77	100	107	Vertical

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)
2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)
3). Margin(dB) = Limit (dBµV/m) - Level (dBµV/m)

4.3 The 20dB bandwidth

TEST CONFIGURATION

TEST PROCEDURE

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that 20dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equip compliance with the 20dB attenuation specification may base on measurement at the intentional radiator's antenna output terminal unless the intentional radiator uses a permanently attached antenna, in which case compliance shall be.deomonstrated by measuring the radiated emissions.

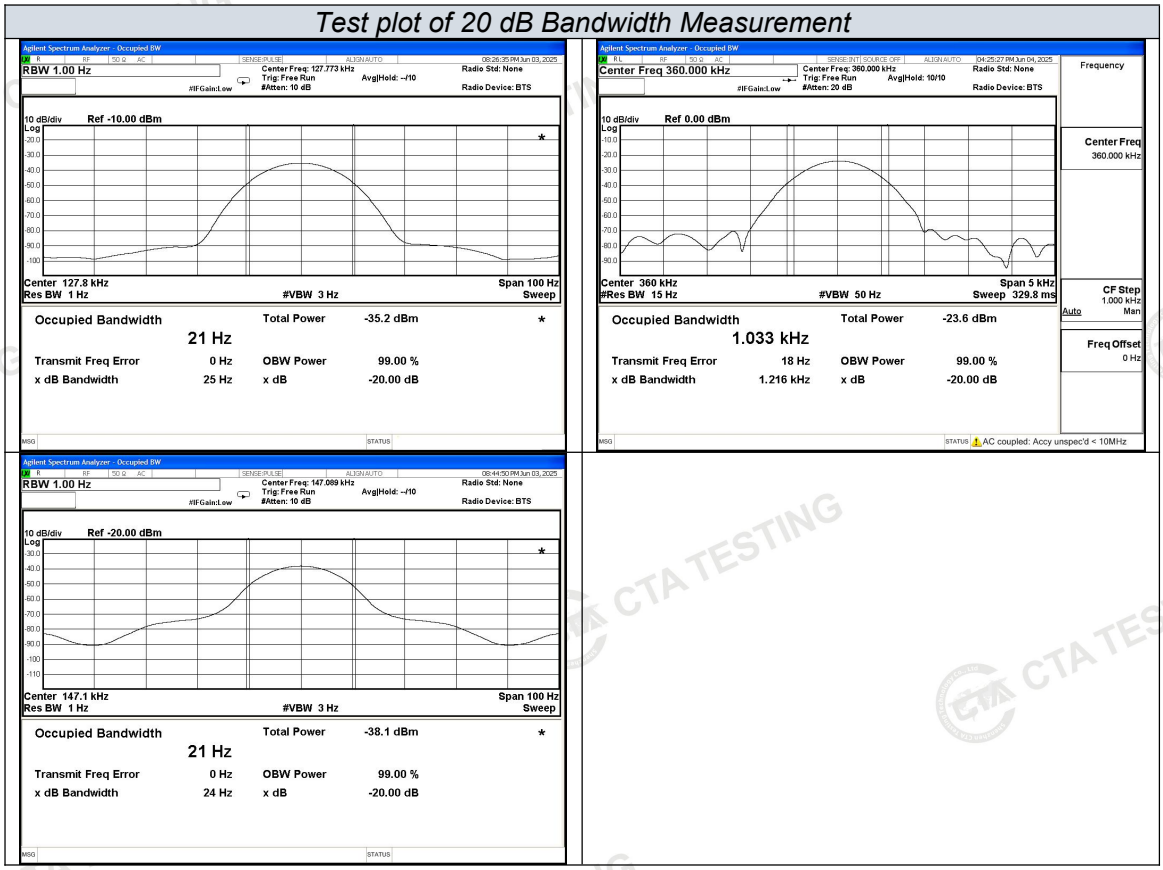
LIMIT

The 20dB bandwidth shall be less than 80% of the permitted frequency band.

TEST RESULTS

Mode	Freq (MHz)	20dB Bandwidth (KHz)	Conclusion
Tx Mode	0.1278	0.025	PASS
Tx Mode	0.3847	1.216	PASS
Tx Mode	0.1471	0.024	PASS

Test plot of 20 dB Bandwidth Measurement



4.4 Antenna Requirement

Standard Applicable

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, 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.

Antenna Information

The antenna used in this product is a Coil Antenna, The directional gains of antenna used for transmitting is 0dBi.

5 Test Setup Photos of the EUT

Please refer to separated files for Test Setup Photos of the EUT.

6 PHOTOS OF THE EUT

Please refer to separated files for External&Internal Photos of the EUT.

********** End of Report **********