



EMC Test Report

Report No.: STS2508006E03

Issued for

SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD

A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU
INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN,
China

Product Name: Rugged Smart Phone

Brand Name: OUKITEL

Model Name: WP58 Pro

Series Model(s): WP58, WP58 S, WP58 Plus, WP58 Ultra,
WP58 TITAN, WP58 GT

FCC ID: 2ANMU-WP58

Test Standards: FCC 47 CFR Part 15: Subpart B

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT**

Applicant's Name: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address: A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU
INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, China
Manufacturer's Name.....: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address: A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU
INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, China

Product description

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Date of Test

Date of Receipt of Test Item: 04 Aug. 2025
Date (s) of performance of Tests: 04 Aug. 2025 ~ 19 Sept. 2025
Date of Issue: 19 Sept. 2025
Test Result: **Pass**

Testing Engineer :

Stan · Deng

(Star Deng)

Technical Manager :

Brave · Wu

(Brave Wu)

Authorized Signatory :

Bovey Yang

(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	19 Sept. 2025	STS2508006E03	ALL	Initial Issue



1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission			
Standard	Test Item	Result	Remark
FCC 47 CFR Part 15: Subpart B	Conducted Emission	PASS	Meet Class B limit
	Radiated Emissions	PASS	Meet Class B limit

Note:

(1) "N/A" denotes test is not applicable in this Test Report

1.1 TEST FACTORY

Company Name:	Shenzhen STS Test Services Co. Ltd.
Address:	101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China
Telephone:	+86-755 3688 6288
Fax:	+86-755 3688 6277
Registration No.:	FCC test Firm Registration Number: 625569
	IC test Firm Registration Number: 12108A
	A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95 %**.

No.	Item	Uncertainty
1	Conducted Emission (9KHz-150KHz)	$\pm 2.32\text{dB}$
2	Conducted Emission (150KHz-30MHz)	$\pm 3.06\text{dB}$
3	All emissions, radiated(<1G) 30MHz-1000MHz	$\pm 4.23\text{dB}$
4	All emissions, radiated(>1G) 1GHz-6GHz	$\pm 5.13\text{dB}$
5	All emissions, radiated(>1G) 6GHz-18GHz	$\pm 5.37\text{dB}$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Product Name	Rugged Smart Phone	
Brand Name	OUKITEK	
Model Name	WP58 Pro	
Series Model(s)	WP58, WP58 S, WP58 Plus, WP58 Ultra, WP58 TITAN, WP58 GT	
Model Difference	The only difference is the model name.	
Product Description	The EUT is a Rugged Smart Phone ITE equipment having a primary function of either (or a combination of) entry, storage, display, retrieval, transmission, processing, switching, or control of data and/or telecommunication messages and which may be equipped with one or more ports typically for information transfer.	
Frequency Bands	Bluetooth	2402~2480 MHz
	2.4G WLAN	802.11b/g/n (20MHz): 2412~2462MHz 802.11n (40MHz):2422~2452MHz
	5.2G WLAN	802.11a/n/ac (20MHz): 5180~5240MHz 802.11n /ac (40MHz):5190~5230MHz 802.11ac (80MHz):5210MHz
	5.8G WLAN	802.11a/n/ac (20MHz): 5745~5825MHz 802.11n /ac (40MHz):5755~5795MHz 802.11ac (80MHz):5775MHz
	GPS	1575.42MHz
	GLONASS	1602 MHz
	FM	87.5-108MHZ
	NFC	13.56MHz
	GSM	GSM850: 824-849 MHz GSM1900: 1850-1910 MHz
	WCDMA	WCDMA B2: 1850-1910 MHz WCDMA B5: 824-849 MHz WCDMA B4: 1710-1755 MHz
	LTE	LTE Band 2:1850~1910MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 12:699~716MHz LTE Band 17: 704~716MHz LTE Band 25:1850~1915MHz LTE Band 26 Part 90:814~824MHz LTE Band 26 Part 22:824-849 MHz LTE Band 41: 2496-2690MHz LTE Band 66:1710~1780MHz



	5G NR	N78: 3450-3550 MHz
Modulation Mode	BT	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
	2.4G WLAN	802.11b(DSSS): CCK, DQPSK, DBPSK 802.11g(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM
	5G WLAN	802.11a(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11ac(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
	GPS	BPSK
	GLONASS	FDMA
	FM	FM
	NFC	ASK
	GSM	GMSK for GSM/GPRS; GMSK and 8PSK for EDGE
	WCDMA	QPSK; HSDPA: QPSK/16QAM; HSUPA: BPSK
	LTE	QPSK /16QAM
	5G NR	DFT-s-OFDM: $\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM
Rating	Input: 9V 3A Output: DC 3.87V	
Battery	Model: S166 Rated Voltage: 3.87V Charge Limit Voltage: 4.45V Capacity: 10000mAh	
Adapter	Model: HJ-PD33W-US Input: 100-240V~50/60Hz 0.8A Output: 5.0V 3.0A / 9.0V 3.0A / 12.0V 2.75A	
Hardware version number	J612_9621MB__D4FUV1.1	
Software version number	OUKITEK_WP58 Pro_EEA_V01_20250707	



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	PC+ USB Transmitting+ SD Card
Mode 2	Charging + Rear camera on
Mode 3	Charging + Front camera on
Mode 4	Charging + Audio + Video
Mode 5	Adapter+USB cable +GSM850 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 6	Adapter+USB cable +DCS1900 Idle+BT Link+WLAN Link+GPS RX+NFC
Mode 7	Adapter+USB cable +WCDMA B2 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 8	Adapter+USB cable +WCDMA B4 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 9	Adapter+USB cable +WCDMA B5 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 10	Adapter+USB cable+LTE B2 Link +BT Link+WLAN Link+GPS RX+NFC
Mode 11	Adapter+USB cable +LTE B4 Link +BT Link+WLAN Link+GPS RX+NFC
Mode 12	Adapter+USB cable +LTE B5 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 13	Adapter+USB cable +LTE B7 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 14	Adapter+USB cable +LTE B12 Link +BT Link+WLAN Link+GPS RX+NFC
Mode 15	Adapter+USB cable +LTE B17 Link +BT Link+WLAN Link+GPS RX+NFC
Mode 16	Adapter+USB cable +LTE B25 Link +BT Link+WLAN Link+GPS RX+NFC
Mode 17	Adapter+USB cable +LTE B26 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 18	Adapter+USB cable +LTE B41 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 19	Adapter+USB cable +LTE B66 Link+BT Link+WLAN Link+GPS RX+NFC
Mode 20	Charging +FM

For Conducted Test	
Final Test Mode	Description
Mode 3	Charging + Front camera on

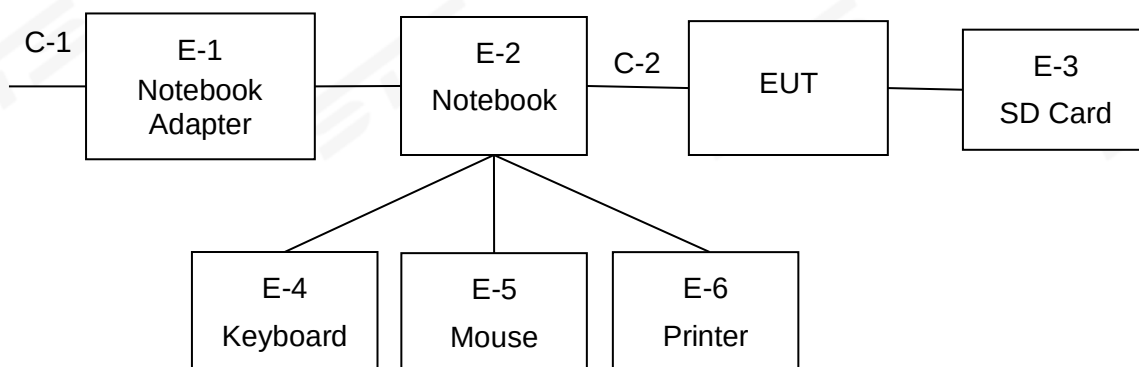
For Radiated Test	
Final Test Mode	Description
Mode 1	PC+ USB Transmitting+ SD Card

Note:

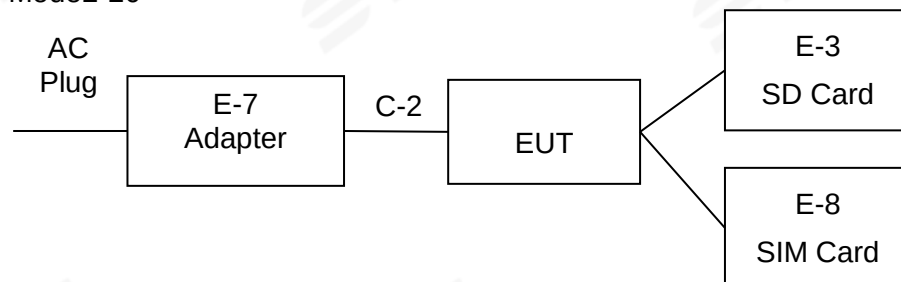
1. In the conducted disturbance test, Mode 3 is the minimum margin mode, and this report only shows the minimum margin mode test data.
2. In the radiation disturbance test, Mode 1 is the minimum margin mode, and this report only shows the minimum margin mode test data.

2.3 DESCRIPTION OF TEST SETUP

Mode1



Mode2-20





2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	Notebook Adapter	DELL	HSTNN-CA15	N/A
E-2	Notebook	DELL	Inspiron 3501	N/A
E-3	SD Card	Sandisk	840XKT-FB	N/A
E-4	Keyboard	HP	PR1101U	N/A
E-5	Mouse	MOTOSPEED	F66	N/A
E-6	Printer	LENOVO	LJ2400L	N/A
E-7	Adapter	N/A	HJ-PD33W-US	N/A
E-8	SIM Card	Verizon	QPE	N/A

Item	Equipment	Ferrite Core	Length	Note
C-1	AC Cable	NO	150cm	N/A
C-2	USB Cable	NO	110cm	N/A

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.5 MEASUREMENT INSTRUMENTS LIST

2.5.1 CONDUCTED TEST SITE

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
EMI Test Receiver	R&S	ESCI	101427	2024.9.23	2025.9.22
LISN	R&S	AiT-F01220	8130179	2024.9.23	2025.9.22
Absorbing Clamp	R&S	MDS-21	100668	2025.2.24	2026.2.23
CE Cable	N/A	C01	N/A	2024.9.23	2025.9.22
Temperature & Humidity	Anymetre	JR900	240686	2024.10.15	2025.10.14
Testing Software	EZ-EMC(Ver.STSLAB-03A1 CE)				

2.5.2 RADIATED TEST SITE

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
EMI Test Receiver	R&S	ESCI	101427	2024.9.23	2025.9.22
Bi-log Antenna	TESEQ	CBL6111D	45873	2024.9.28	2025.9.27
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1343	2024.9.28	2025.9.27
Pre-amplifier(1G-26.5G)	Agilent	HP8449B	3008A02383	2025.2.22	2026.2.21
Pre-amplifier(0.1M-3GHz)	EM	EM330	060665	2025.2.22	2026.2.21
Spectrum Analyzer	Agilent	N9020A	MY49100060	2024.9.23	2025.9.22
RE Cable (9K-1G)	N/A	R01	N/A	2024.9.23	2025.9.22
RE Cable (1G-26G)	N/A	R02	N/A	2024.9.23	2025.9.22
Temperature & Humidity	Mieo	HH660	N/A	2024.9.26	2025.9.25
SAC	ChengYu	9*6*6	N/A	2025.8.13	2028.8.12
Testing Software	EZ-EMC(Ver.STSLAB-03A1 RE)				

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	☐ Class A (dBμV)		☒ Class B (dBμV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 ~ 0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.5 ~ 5	73.00	60.00	56.00	46.00
5 ~ 30	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

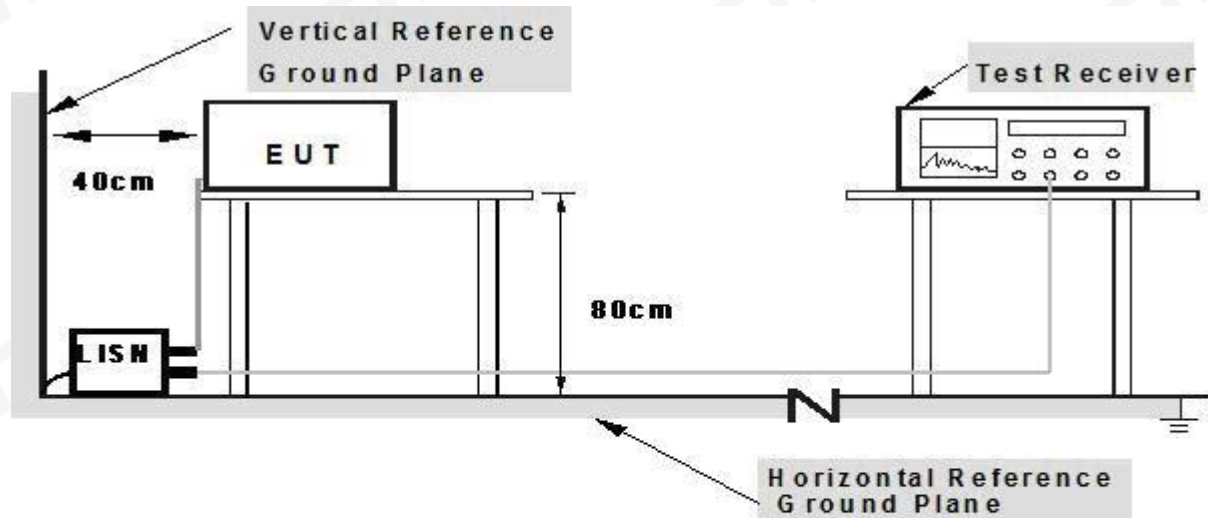
3.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



3.1.6 TEST RESULTS

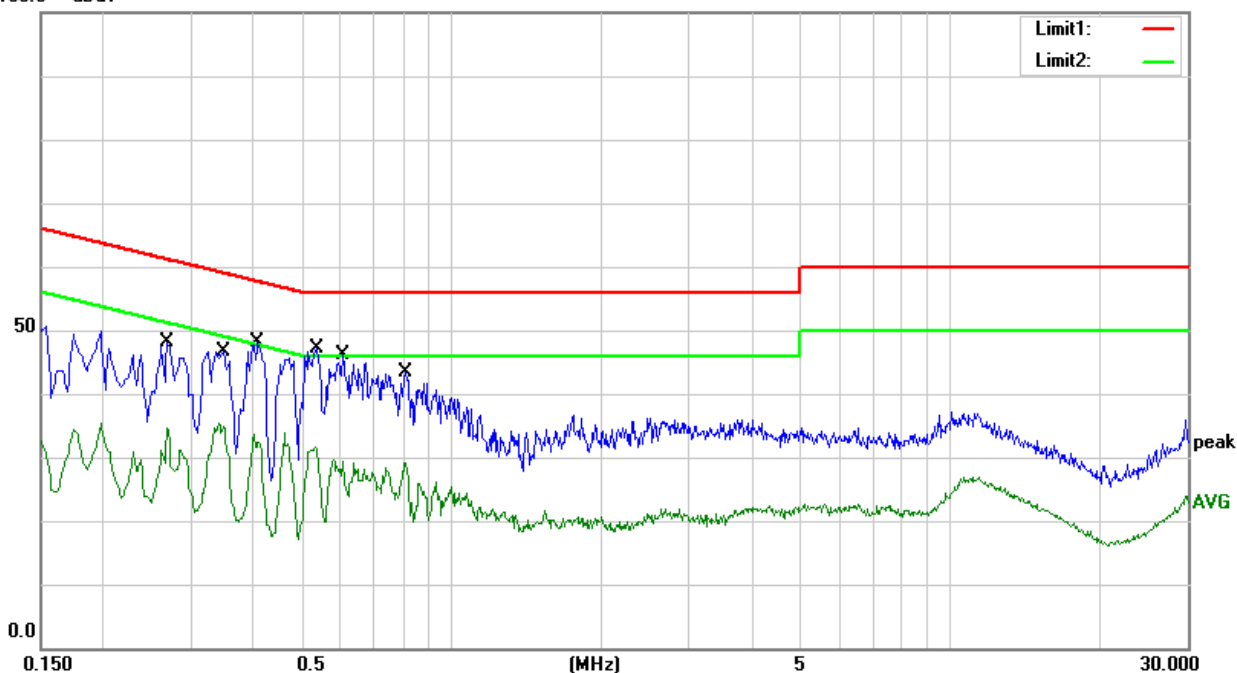
Temperature:	25.1℃	Relative Humidity:	59%
Phase:	L	Test Mode:	Mode 3
Test Voltage:	DC 9V from Adapter	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2700	27.99	20.14	48.13	61.12	-12.99	QP
2	0.2700	14.50	20.14	34.64	51.12	-16.48	AVG
3	0.3500	26.50	20.15	46.65	58.96	-12.31	QP
4	0.3500	15.25	20.15	35.40	48.96	-13.56	AVG
5	0.4100	28.20	20.03	48.23	57.65	-9.42	QP
6	0.4100	13.56	20.03	33.59	47.65	-14.06	AVG
7	0.5380	27.10	19.94	47.04	56.00	-8.96	QP
8	0.5380	13.89	19.94	33.83	46.00	-12.17	AVG
9	0.6060	26.19	19.90	46.09	56.00	-9.91	QP
10	0.6060	9.40	19.90	29.30	46.00	-16.70	AVG
11	0.8100	23.44	19.82	43.26	56.00	-12.74	QP
12	0.8100	9.34	19.82	29.16	46.00	-16.84	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result = Reading + Factor) – Limit.
3. Factor = Insertion loss + Cable loss.

100.0 dBuV





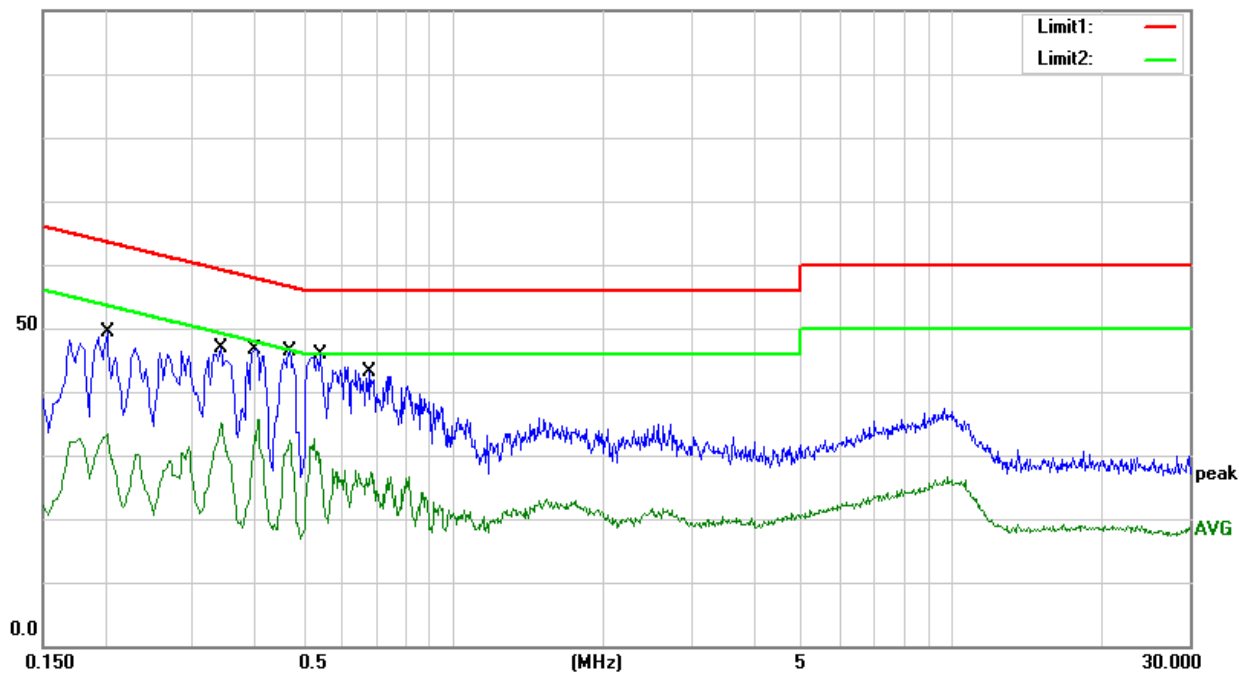
Temperature:	25.1 °C	Relative Humidity:	59%
Phase:	N	Test Mode:	Mode 3
Test Voltage:	DC 9V from Adapter	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2020	29.42	19.88	49.30	63.53	-14.23	QP
2	0.2020	13.43	19.88	33.31	53.53	-20.22	AVG
3	0.3420	26.60	20.17	46.77	59.15	-12.38	QP
4	0.3420	14.98	20.17	35.15	49.15	-14.00	AVG
5	0.3980	26.61	20.04	46.65	57.90	-11.25	QP
6	0.3980	15.59	20.04	35.63	47.90	-12.27	AVG
7	0.4700	26.41	19.98	46.39	56.51	-10.12	QP
8	0.4700	12.52	19.98	32.50	46.51	-14.01	AVG
9	0.5420	25.98	19.93	45.91	56.00	-10.09	QP
10	0.5420	12.79	19.93	32.72	46.00	-13.28	AVG
11	0.6820	23.23	19.86	43.09	56.00	-12.91	QP
12	0.6820	7.60	19.86	27.46	46.00	-18.54	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result = Reading + Factor) – Limit.
3. Factor = Insertion loss + Cable loss.

100.0 dBuV





3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	☐ Class A	☒ Class B	
	Field strength (dBuV/m) (at 3m)	Field strength (dBuV/m) (at 10m)	Field strength (dBuV/m) (at 3m)
30 ~ 88	49.5	30	40
88 ~ 216	54	33.5	43.5
216 ~ 960	56.9	36	46
Above 960	60	44	54

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	☐ Class A		☒ Class B			
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	64	44	74	54

Frequency Range of Radiated Disturbance Measurement

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 ~ 108	1000
108 ~ 500	2000
500 ~ 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

Note:

- (1) The limit for radiated test was performed in the following: FCC PART 15B.
- (2) The tighter limit applies at the band edges
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).



3.2.2 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. EUT as the center to the edge of the auxiliary device, the distance from the maximum edge to the center of the antenna is 3 meter.
- c. The height of antenna is varied from 1 meter to 4 meter above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meter and the rotatable table was turned from 0 degrees to 360 degree to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

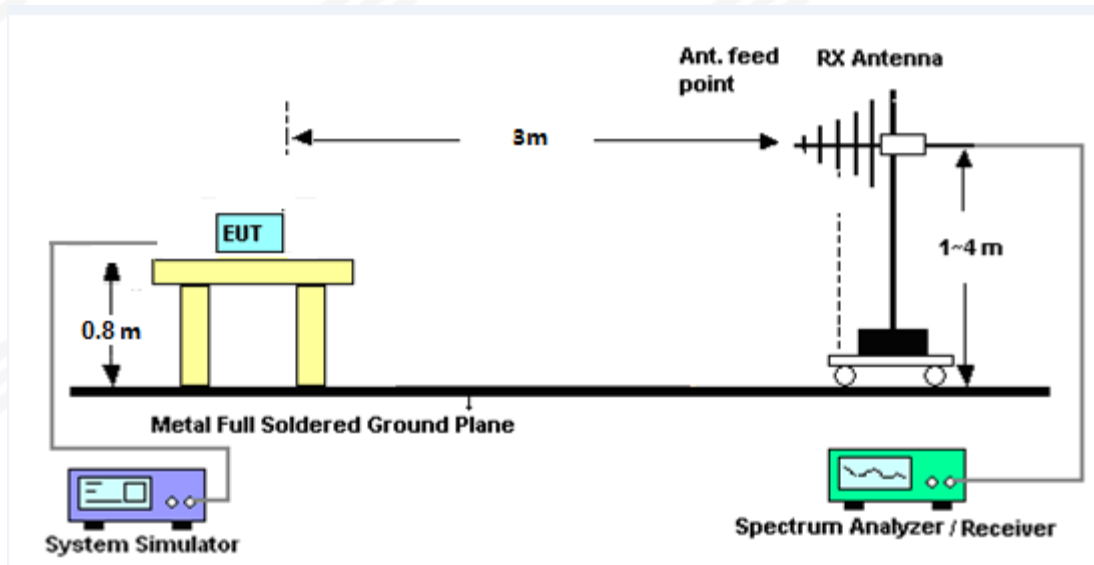
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

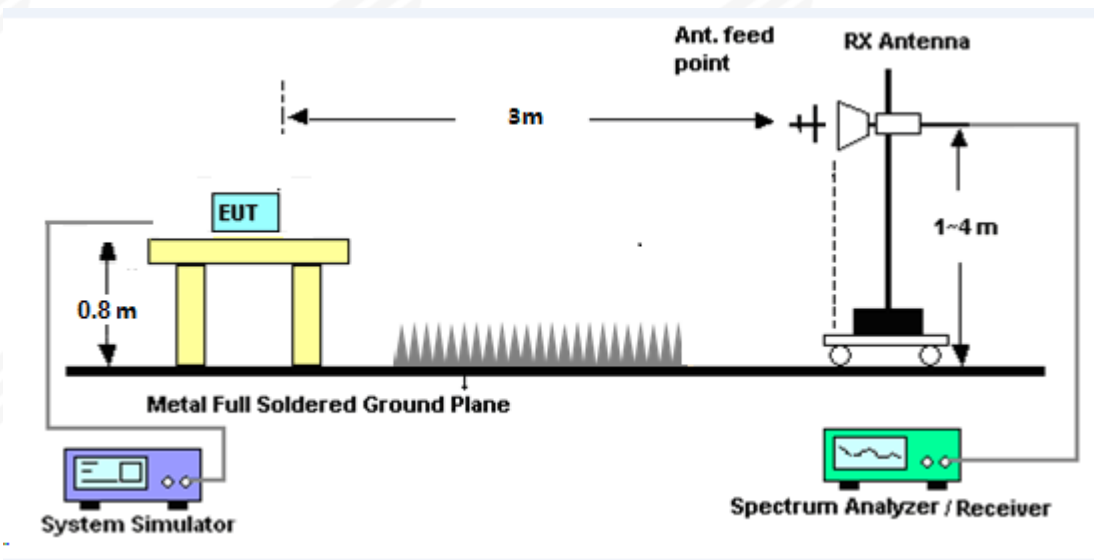
No deviation

3.2.4 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 described unless otherwise a special operating condition is specified in the following during the testing.

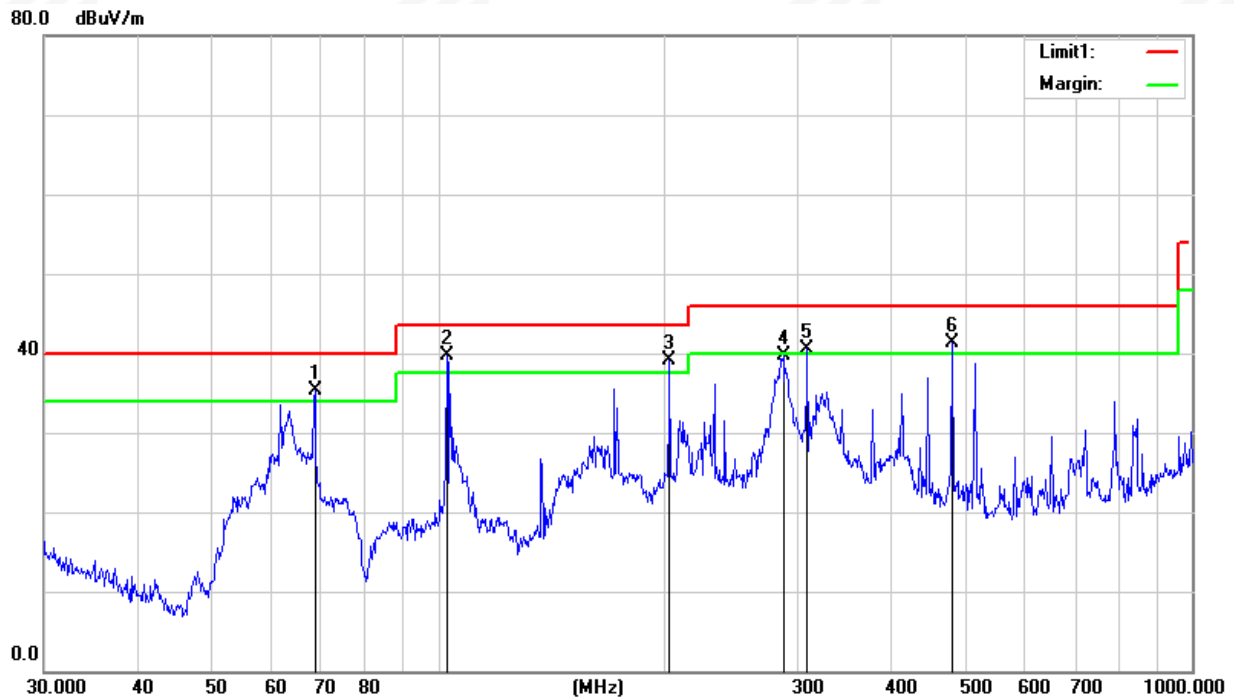
**3.2.6 TEST RESULTS (30MHz-1000MHz)**

Temperature:	25.3℃	Relative Humidity:	43%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V from PC	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	68.6310	61.37	-26.03	35.34	40.00	-4.66	QP
2	102.7192	59.60	-19.86	39.74	43.50	-3.76	QP
3	202.8103	59.99	-20.93	39.06	43.50	-4.44	QP
4	286.9823	56.22	-16.44	39.78	46.00	-6.22	QP
5	308.9125	56.01	-15.57	40.44	46.00	-5.56	QP
6	480.5276	52.36	-11.00	41.36	46.00	-4.64	QP

Remark:

1. All readings are Quasi-Peak.
2. Margin = Result (Result = Reading + Factor)–Limit.
3. Factor= Cable Loss +Antenna Factor–Amplifier Gain.



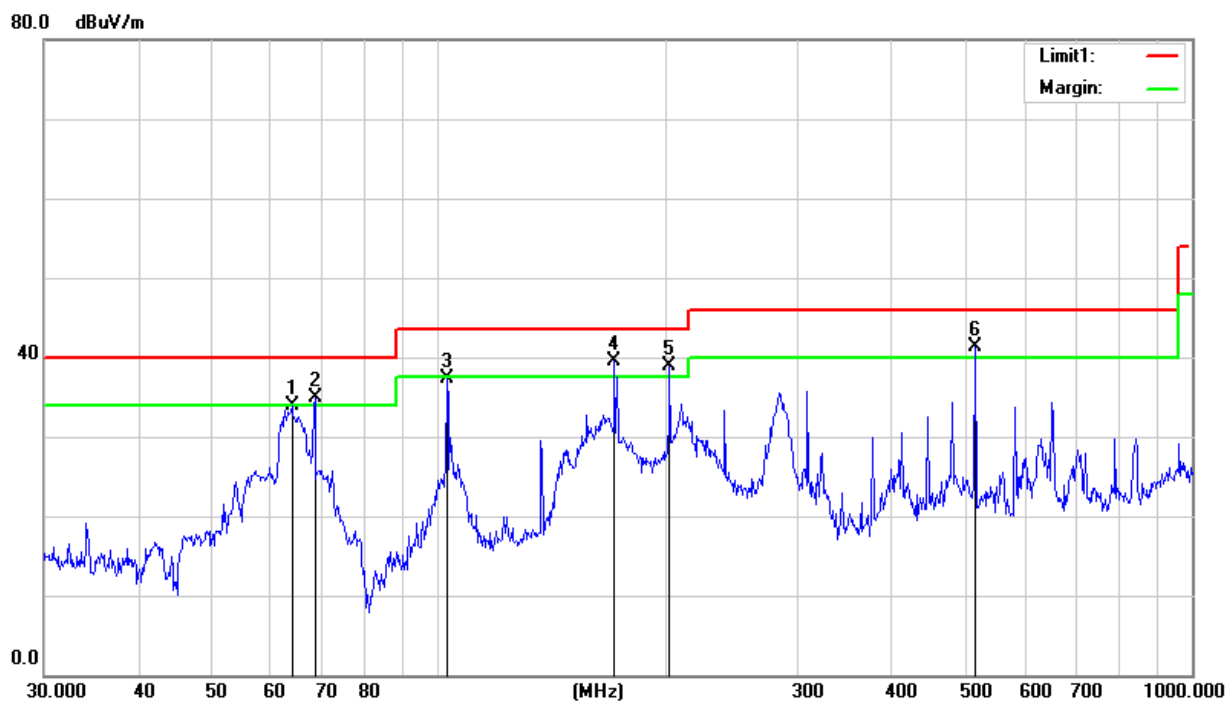


Temperature:	25.3°C	Relative Humidity:	43%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V from PC	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	63.9827	59.78	-25.96	33.82	40.00	-6.18	QP
2	68.6310	60.97	-26.03	34.94	40.00	-5.06	QP
3	102.7192	57.21	-19.86	37.35	43.50	-6.15	QP
4	171.3925	59.51	-20.01	39.50	43.50	-4.00	QP
5	202.8103	59.92	-20.93	38.99	43.50	-4.51	QP
6	515.4374	52.04	-10.83	41.21	46.00	-4.79	QP

Remark:

1. All readings are Quasi-Peak.
2. Margin = Result (Result = Reading + Factor) - Limit.
3. Factor = Cable Loss + Antenna Factor - Amplifier Gain.



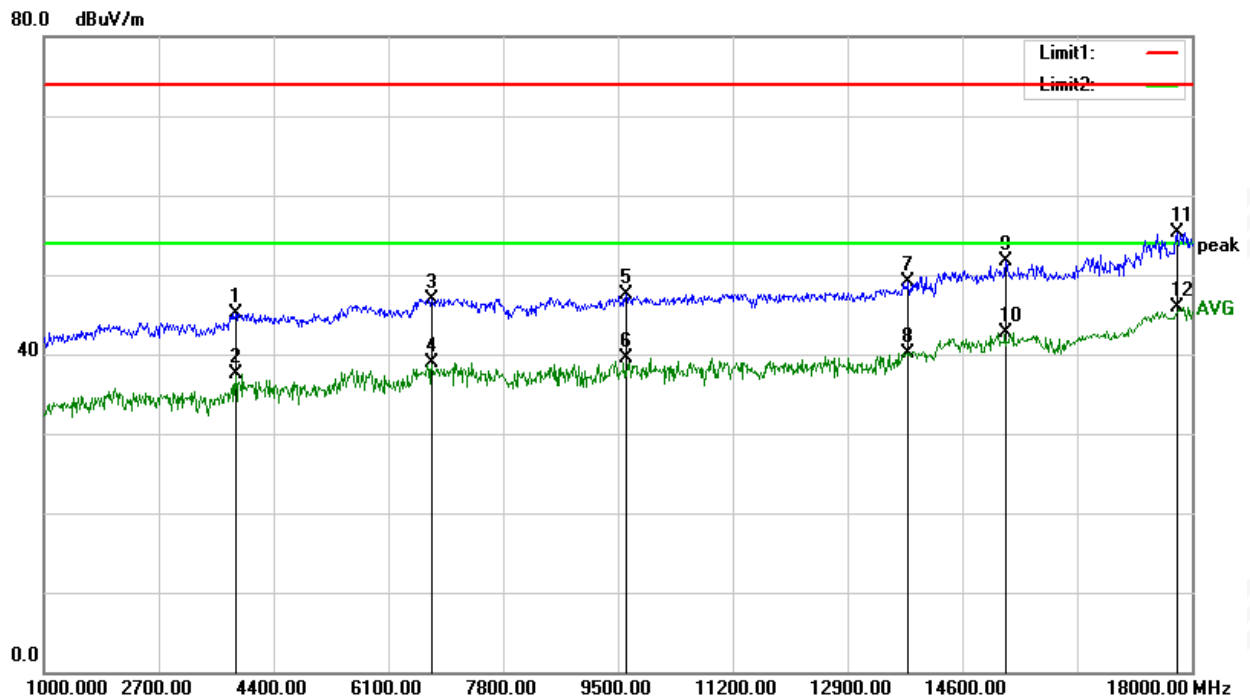
**3.2.7 TEST RESULT (1000-18000 MHz)**

Temperature:	25.3℃	Relative Humidity:	43%
Phase:	Horizontal	Test Mode:	Mode 1
Test Voltage:	DC 5V from PC	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3839.000	41.24	3.94	45.18	74.00	-28.82	peak
2	3839.000	33.58	3.94	37.52	54.00	-16.48	AVG
3	6754.500	36.66	10.33	46.99	74.00	-27.01	peak
4	6754.500	28.67	10.33	39.00	54.00	-15.00	AVG
5	9627.500	34.15	13.44	47.59	74.00	-26.41	peak
6	9627.500	25.99	13.44	39.43	54.00	-14.57	AVG
7	13801.000	32.47	16.61	49.08	74.00	-24.92	peak
8	13801.000	23.57	16.61	40.18	54.00	-13.82	AVG
9	15254.500	34.15	17.62	51.77	74.00	-22.23	peak
10	15254.500	25.04	17.62	42.66	54.00	-11.34	AVG
11	17787.500	31.14	24.24	55.38	74.00	-18.62	peak
12	17787.500	21.74	24.24	45.98	54.00	-8.02	AVG

Remark:

1. All readings are Quasi-Peak.
2. Margin = Result (Result = Reading + Factor) – Limit.
3. Factor = Cable Loss + Antenna Factor – Amplifier Gain.





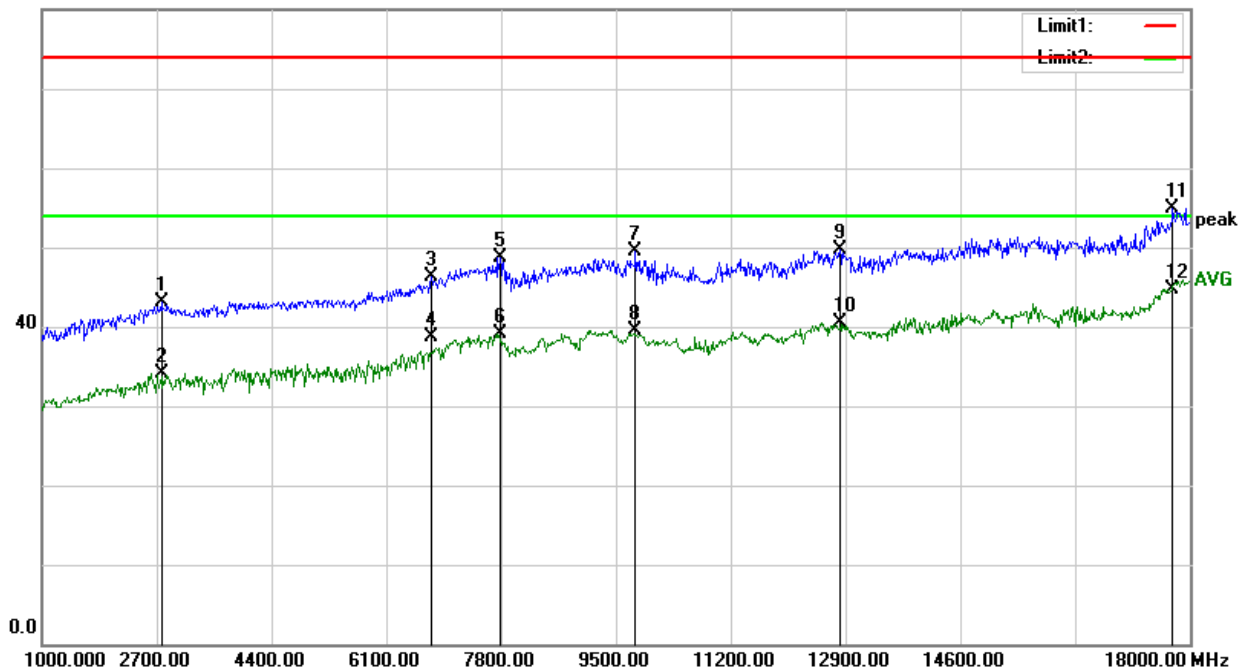
Temperature:	25.3℃	Relative Humidity:	43%
Phase:	Vertical	Test Mode:	Mode 1
Test Voltage:	DC 5V from PC	Test Date:	2025.08.06

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	2768.000	42.15	1.05	43.20	74.00	-30.80	peak
2	2768.000	33.09	1.05	34.14	54.00	-19.86	AVG
3	6771.500	35.88	10.35	46.23	74.00	-27.77	peak
4	6771.500	28.38	10.35	38.73	54.00	-15.27	AVG
5	7783.000	37.64	11.11	48.75	74.00	-25.25	peak
6	7783.000	28.00	11.11	39.11	54.00	-14.89	AVG
7	9797.500	35.89	13.57	49.46	74.00	-24.54	peak
8	9797.500	26.00	13.57	39.57	54.00	-14.43	AVG
9	12815.000	34.19	15.42	49.61	74.00	-24.39	peak
10	12815.000	25.10	15.42	40.52	54.00	-13.48	AVG
11	17753.500	31.22	23.68	54.90	74.00	-19.10	peak
12	17753.500	21.01	23.68	44.69	54.00	-9.31	AVG

Remark:

1. All readings are Quasi-Peak.
2. Margin = Result (Result = Reading + Factor) – Limit.
3. Factor = Cable Loss + Antenna Factor – Amplifier Gain.

80.0 dBuV/m



Notes:

1. Measuring frequencies from 1 GHz to 18GHz
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak and average detector mode of the emission shown in Actual FS column.
3. The frequency emission of 18-25GHz is at least 20dB lower than the limit, and the frequency emission mainly comes from environmental noise.



APPENDIX 1-PHOTO TEST OF EUT

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※