

Test Report

Applicant : Unavi USA, Inc.
Address : 15032 Red Hill Ave, Suite F, Tustin, CA
92780, USA
Product Name : Portable Car Stereo with CarPlay &
Android Auto
Brand Mark : Unavi
Model : Unavi Anyway Go U-8801
Series model : ZAOAWUVODA
FCC ID : 2BL9Z-U8801
Report Number : BLA-EMC-202410-A2605
Date of Receipt : 2024.10.12
Date of Test : 2024.10.12 to 2024.11.01
Test Standard : 47 CFR Part 15, Subpart E 15.407
Test Result : Pass

Compiled by: *Hugh* Review by: *Sueels* Approved by: *Blue Zheng*
Issued Date: 2024.11.01

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

Address: Building C, No. 107, Shihuan Road, Shiyuan Sub-District, Baoan District,
Shenzhen, Guangdong Province, China



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Table of Contents

1	GENERAL INFORMATION	4
1.1	General information	4
1.2	General description of EUT	4
2	TEST SUMMARY	5
3	TEST CONFIGURATION	6
3.1	Test mode	6
3.2	Operation Frequency each of channel	7
3.3	Test channel	7
3.4	Configuration diagram of EUT	8
3.5	Auxiliary equipment	8
3.6	Test environment	8
4	LABORATORY INFORMATION	9
4.1	Laboratory and accreditations	9
4.2	Measurement uncertainty	9
5	TEST EQUIPMENT	10
6	TEST RESULT	12
6.1	Antenna requirement	12
6.2	Maximum Conducted output power	13
6.3	Peak Power spectrum density	14
6.4	Duty Cycle	15
6.5	Frequency Stability	16
6.6	Minimum 6 dB bandwidth (5.725-5.85 GHz band)	17
6.7	26dB Emission bandwidth	18
6.8	99% Bandwidth	19
6.9	Radiated Emissions	20
6.10	Radiated Emissions which fall in the restricted bands	37
6.11	User Access Restrictions	48
7	APPENDIX1	49
	APPENDIX B: PHOTOGRAPHS OF TEST SETUP	120
	APPENDIX C: PHOTOGRAPHS OF EUT	121

Revise Record

Version No.	Date	Description
01	2024.11.01	Original

1 General information

1.1 General information

Applicant	Unavi USA, Inc.
Address	15032 Red Hill Ave, Suite F, Tustin, CA 92780, USA
Manufacturer	Shenzhen Shengpai Technology Co.,LTD
Address	7/F, Building A, Guancheng Low Carbon Industrial Park, Shangcun, Gongming Street, Guangming District, Shenzhen, Guangdong, China.
Factory	N/A
Address	N/A

1.2 General description of EUT

Operation Frequency:	Band 1: 5180MHz-5240MHz; Band 4: 5745MHz-5825MHz
Channel numbers:	Band 1: 802.11a/802.11n(HT20): 4 802.11n(HT40):2 Band 4: 802.11a/802.11(HT20): 5 802.11n(HT40): 2,
Channel separation:	802.11a/n(HT20): 20MHz, 802.11n(HT40): 40MHz
Modulation technology: (IEEE 802.11a/n)	BPSK, QPSK, 16-QAM, 64-QAM, 256QAM
Data speed (IEEE 802.11a)	6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps
Data speed (IEEE 802.11n):	Up to 600Mbps
Antenna Type:	FPC antenna
Antenna gain:	Band1: 1.08dBi; Band4: 2.19dBi

2 Test summary

No.	Test item	Result	Remark
1	Frequency Stability	Pass	
2	Radiated Emissions which fall in the restricted bands	Pass	
3	Radiated Emissions	Pass	
4	DFS: Channel Closing Transmission Time	Pass	
5	DFS: Non-occupancy period	Pass	
6	Peak Power spectrum density	Pass	
7	Transmitter Power Control	Pass	
8	Maximum Conducted output power	Pass	
9	Minimum 6 dB bandwidth (5.725-5.85 GHz band)	Pass	
10	26dB Emission bandwidth	Pass	
11	99% Bandwidth	Pass	
12	Duty Cycle	Pass	
13	Conducted Emissions at AC Power Line (150kHz-30MHz)	N/A	
14	Antenna Requirement	Pass	
15	User Access Restrictions	Pass	

N/A: Not Applicable

3 Test Configuration

3.1 Test mode

Test Mode ^{Note 1}	Description
TX	Keep the EUT in continuously transmitting mode with modulation. (hopping and non-hopping mode all have been tested)
RX	Keep the EUT in receiving mode
TX Low channel	Keep the EUT in continuously transmitting mode in low channel
TX middle channel	Keep the EUT in continuously transmitting mode in middle channel
TX high channel	Keep the EUT in continuously transmitting mode in high channel

Note 1: The EUT was configured to measure its highest possible emission and/or immunity level. The test modes were adapted according to the operation manual for use; the EUT was operated in the engineering mode ^{Note 2} to fix the TX or Rx frequency that was for the purpose of the measurements.

3.2 Operation Frequency each of channel

Band 1: 5150-5250MHz					
802.11a/802.11n20/802.11ac20		802.11ac40/802.11n40		802.11ac80	
Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	38	5190MHz	42	5210MHz
40	5200MHz	46	5230MHz		
44	5220MHz				
48	5240MHz				

Band 4: 5745-5825MHz					
802.11a/802.11n20/802.11ac20		802.11ac40/802.11n40		802.11ac80	
Channel	Frequency	Channel	Frequency	Channel	Frequency
149	5745MHz	151	5755MHz	155	5775MHz
153	5765MHz	159	5795MHz		
157	5785MHz				
161	5805MHz				
165	5825MHz				

3.3 Test channel

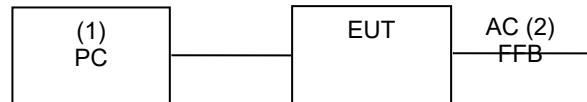
BAND 1:

802.11a/802.11n20/802.11ac20: 5180MHz(lowest channel), 5200MHz(middle channel), 5240MHz(highest channel);
802.11ac40/802.11n40: 5190MHz(lowest channel), 5230MHz(highest channel); 802.11ac80: 5230MHz.

BAND 4:

802.11a/802.11n20/802.11ac20: 5745MHz(lowest channel), 5785MHz(middle channel), 5825MHz(highest channel);
802.11ac40/802.11n40: 5755MHz(lowest channel), 5795MHz(highest channel); 802.11ac80: 5775MHz.

3.4 Configuration diagram of EUT



Support equipment

Name	Device type	Brand	Mode	Series No	Remark
(1)	PC	Lenovo	E460C	N/A	N/A
(2)	Fixed frequency board	N/A	N/A	N/A	N/A

3.5 Auxiliary equipment

Device Type	Manufacturer	Model Name	Serial No.	Remark
PC	Lenovo	E460C	N/A	From lab (No.BLA-ZC-BS-2022005)

Note:

“--” mean no any auxiliary device during testing.

3.6 Test environment

Environment	Temperature	Voltage
Normal	25°C	DC 12V

4 Laboratory information

4.1 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Address:	Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

4.2 Measurement uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=1.96$.

Parameter	Expanded Uncertainty
Radiated Emission(9kHz-30MHz)	$\pm 4.34\text{dB}$
Radiated Emission(30Mz-1000MHz)	$\pm 4.24\text{dB}$
Radiated Emission(1GHz-18GHz)	$\pm 4.68\text{dB}$
AC Power Line Conducted Emission(150kHz-30MHz)	$\pm 3.45\text{dB}$
Occupied Channel Bandwidth	$\pm 5\%$
RF output power, conducted	$\pm 1.5\text{ dB}$
Power Spectral Density, conducted	$\pm 3.0\text{ dB}$
Unwanted Emissions, conducted	$\pm 3.0\text{ dB}$
Temperature	$\pm 3\text{ }^{\circ}\text{C}$
Supply voltages	$\pm 3\%$
Time	$\pm 5\%$

5 Test equipment

RF conducted

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-003-003	Shield room	5*3*3	SKET	N/A	2023/11/16	2025/11/15
BLA-EMC-016	Signal Generator	N5182A	Agilent	MY52420567	2024/06/28	2025/06/27
BLA-EMC-038	Spectrum	N9020A	Agilent	MY49100060	2024/08/08	2025/08/07
BLA-EMC-042	Power sensor	RPR3006W	DARE	14I00889SN042	2024/08/08	2025/08/07
BLA-EMC-044	Radio communication tester	CMW500	R&S	132429	2024/08/08	2025/08/07
BLA-EMC-064	Signal Generator	N5182B	KEYSIGHT	MY58108892	2024/06/28	2025/06/27
BLA-EMC-079	Spectrum	N9020A	Agilent	MY54420161	2024/08/08	2025/08/07
BLA-EMC-088	Audio Analyzer	ATS-1	Audio Precision	ATS141094	2024/06/28	2025/06/27

Radiated Spurious Emissions (Below 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-002-01	Anechoic chamber	9*6*6 chamber	SKET	N/A	2024/3/27	2027/3/26
BLA-EMC-002-02	Control room	966 control room	SKET	N/A	2024/3/27	2027/3/26
BLA-EMC-009	EMI receiver	ESR7	R&S	101199	2024/08/08	2025/08/07
BLA-EMC-043	Loop antenna	FMZB1519B	Schwarzbeck	00102	2024/06/29	2026/06/28
BLA-EMC-065	Broadband antenna	VULB9168	Schwarzbeck	01065P	2024/06/29	2026/06/27
BLA-XC-01	Coaxial Cable	N/A	BlueAsia	V01	N/A	N/A
BLA-XC-02	Coaxial Cable	N/A	BlueAsia	V02	N/A	N/A

Radiated Spurious Emissions (Above 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-001-01	Anechoic chamber	9*6*6 chamber	SKET	N/A	2023/11/16	2026/11/15
BLA-EMC-001-02	Control Room	966 control room	SKET	N/A	2023/11/16	2025/11/15
BLA-EMC-008	Spectrum	FSP40	R&S	100817	2024/08/08	2025/08/07
BLA-EMC-012	Broadband antenna	VULB9168	Schwarzbeck	00836P:00227	2022/10/12	2025/10/11
BLA-EMC-013	Horn Antenna	BBHA9120D	Schwarzbeck	01892	2024/06/29	2026/06/28
BLA-EMC-014	Amplifier	PA_000318G-45	SKET	PA2018043003	2024/08/08	2025/08/07
BLA-EMC-046	Filter bank	2.4G/5G Filter bank	SKET	N/A	2024/06/28	2025/06/27
BLA-EMC-061	Receiver	ESPI7	R&S	101477	2024/06/28	2025/06/27
BLA-EMC-066	Amplifier	LNPA_30M01G-30	SKET	SK2021060801	2024/06/28	2025/06/27
BLA-EMC-086	Amplifier	LNPA_18G40G-50dB	SKET	SK2022071301	2024/06/28	2025/06/27

BLA-EMC-087	Horn Antenna	BBHA 9170	Schwarzbeck	1106	2024/06/29	2026/06/28
BLA-XC-03	Coaxial Cable	N/A	BlueAsia	V03	N/A	N/A
BLA-XC-04	Coaxial Cable	N/A	BlueAsia	V04	N/A	N/A

Test Software Record:

Software No.	Software Name	Manufacture	Software version	Test site
BLA-EMC-S001	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S002	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S010	MTS 8310	MW	2.0.0.0	RF
BLA-EMC-S014	Bluetooth and WiFi Test System	Tonscend	2.5.77.0418	RF

6 Test result

6.1 Antenna requirement

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

6.1.1 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 an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of a so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.55 dBi.

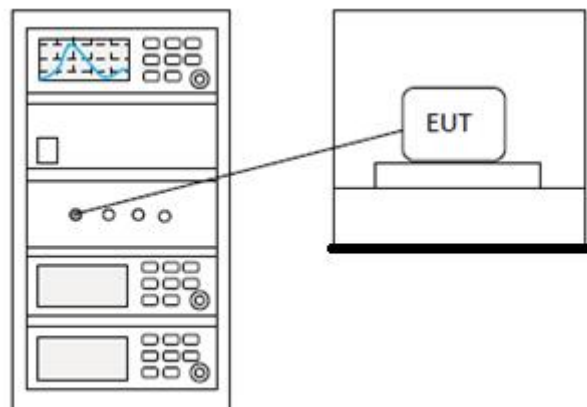
6.2 Maximum Conducted output power

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II E
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.2.1 LIMITS

Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

6.2.2 BLOCK DIAGRAM OF TEST SETUP



6.2.3 TEST Data

Pass: Please refer to appendix A for details

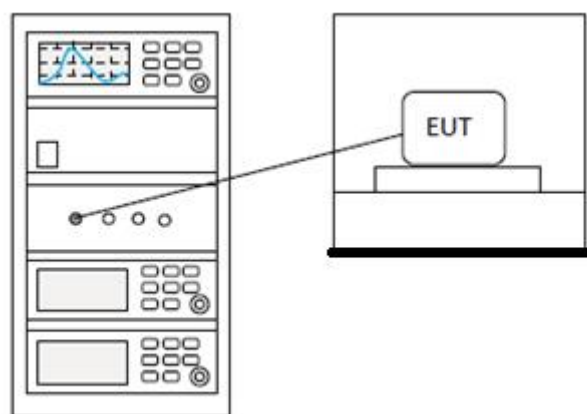
6.3 Peak Power spectrum density

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II F
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.3.1 LIMITS

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

6.3.2 BLOCK DIAGRAM OF TEST SETUP



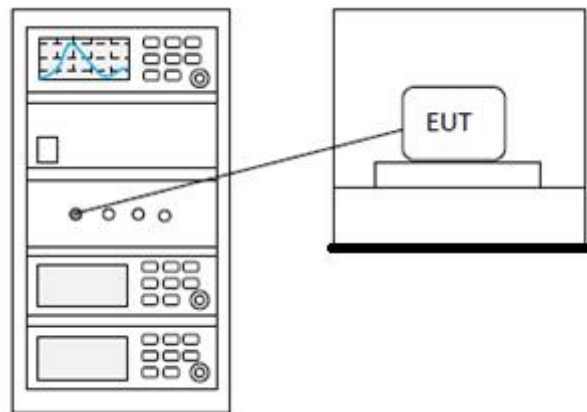
6.3.3 TEST Data

Pass: Please refer to appendix A for details

6.4 Duty Cycle

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 II B 1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.4.1 BLOCK DIAGRAM OF TEST SETUP



6.4.2 TEST Data

Pass: Please refer to appendix A for details

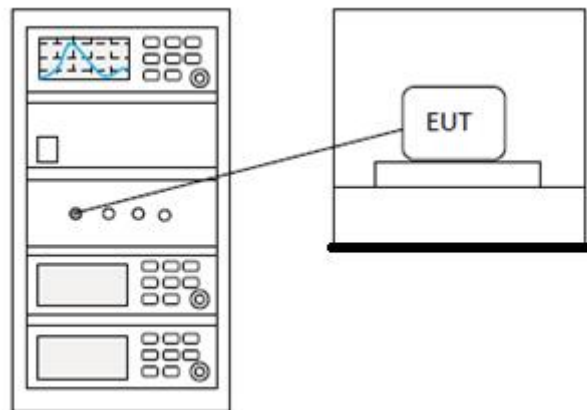
6.5 Frequency Stability

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	ANSI C63.10 (2013) Section 6.8
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.5.1 LIMITS

Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
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6.5.2 BLOCK DIAGRAM OF TEST SETUP



6.5.3 TEST Data

Pass: Please refer to appendix A for details

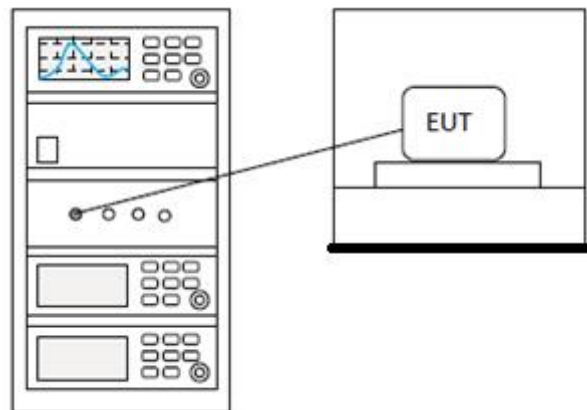
6.6 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II C 2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.6.1 LIMITS

Limit:	≥500 kHz
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6.6.2 BLOCK DIAGRAM OF TEST SETUP



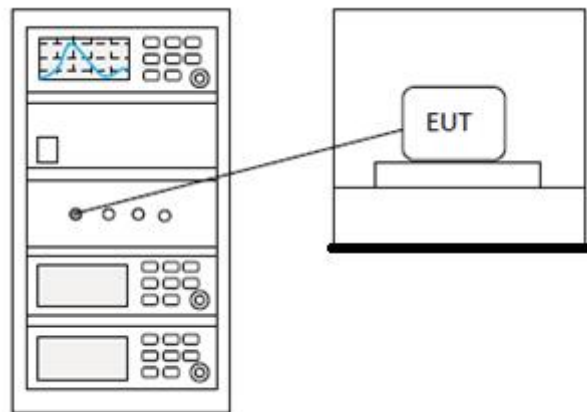
6.6.3 TEST Data

Pass: Please refer to appendix A for details

6.7 26dB Emission bandwidth

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II C 1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.7.1 BLOCK DIAGRAM OF TEST SETUP



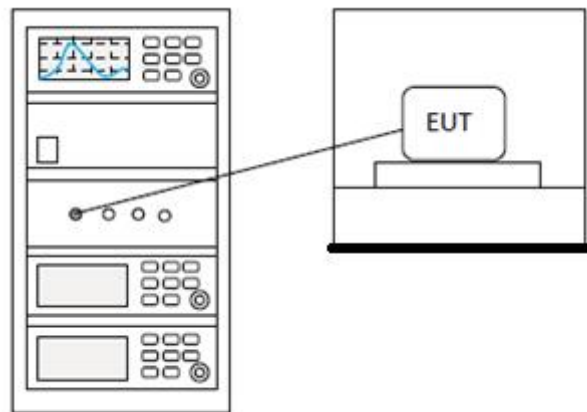
6.7.2 TEST Data

Pass: Please refer to appendix A for details

6.899% Bandwidth

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 II D
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.8.1 BLOCK DIAGRAM OF TEST SETUP



6.8.2 TEST Data

Pass: Please refer to appendix A for details

6.9 Radiated Emissions

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II G
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

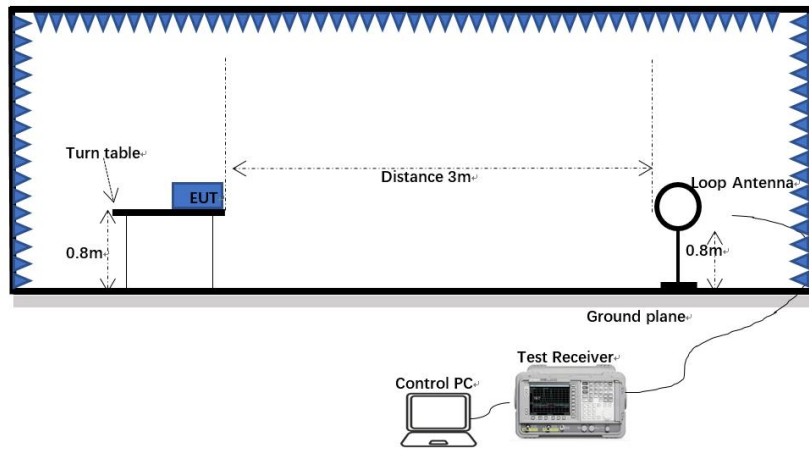
6.9.1 Limit

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

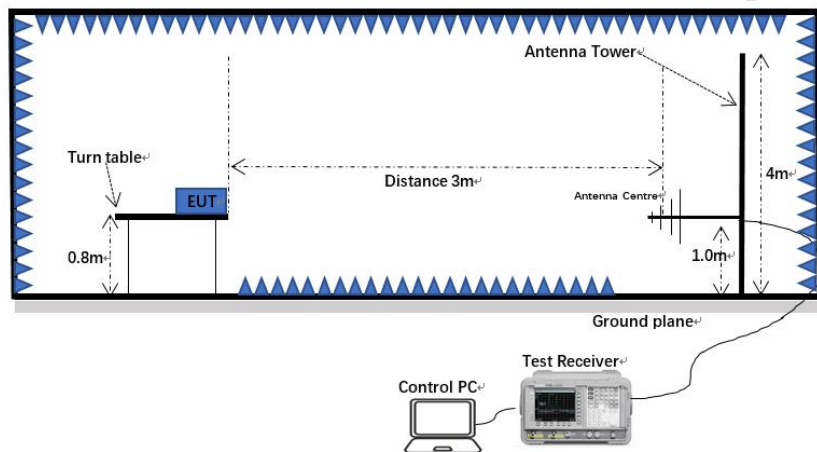
Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.9.2 Test setup

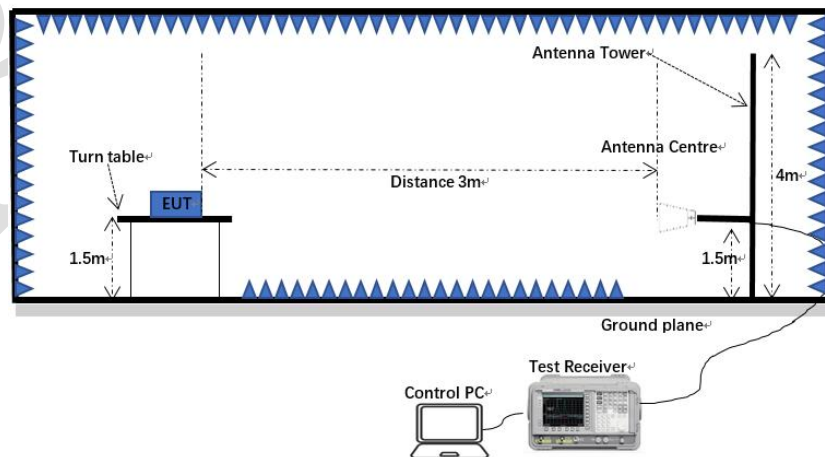
Below 1GHz:



30MHz-1GHz:



Above 1GHz:



6.9.3 Procedure

- a) For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c) The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g) If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h) Test the EUT in the lowest channel, the middle channel, the highest channel.
- i) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j) Repeat above procedures until all frequencies measured was complete.

Note 1: Scan from 9 kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. Fundamental frequency is blocked by filter, and only spurious emission is shown. all modes have been tested, and only the worst mode is showed in the report.

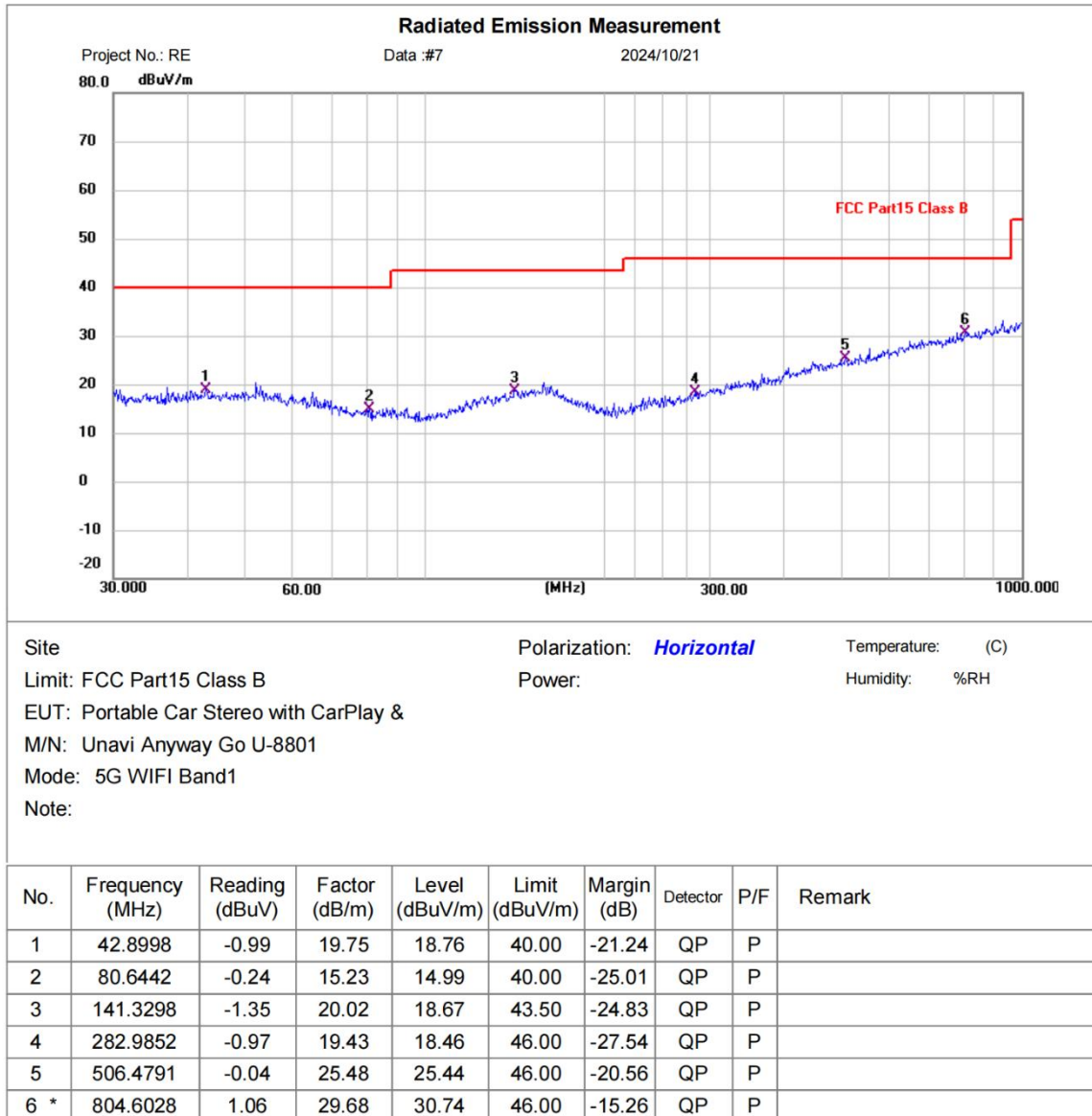
Note 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Note 3: The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

$$\text{Level (dBuV)} = \text{Reading (dBuV)} + \text{Factor (dB/m)}$$

6.9.4 TEST Data

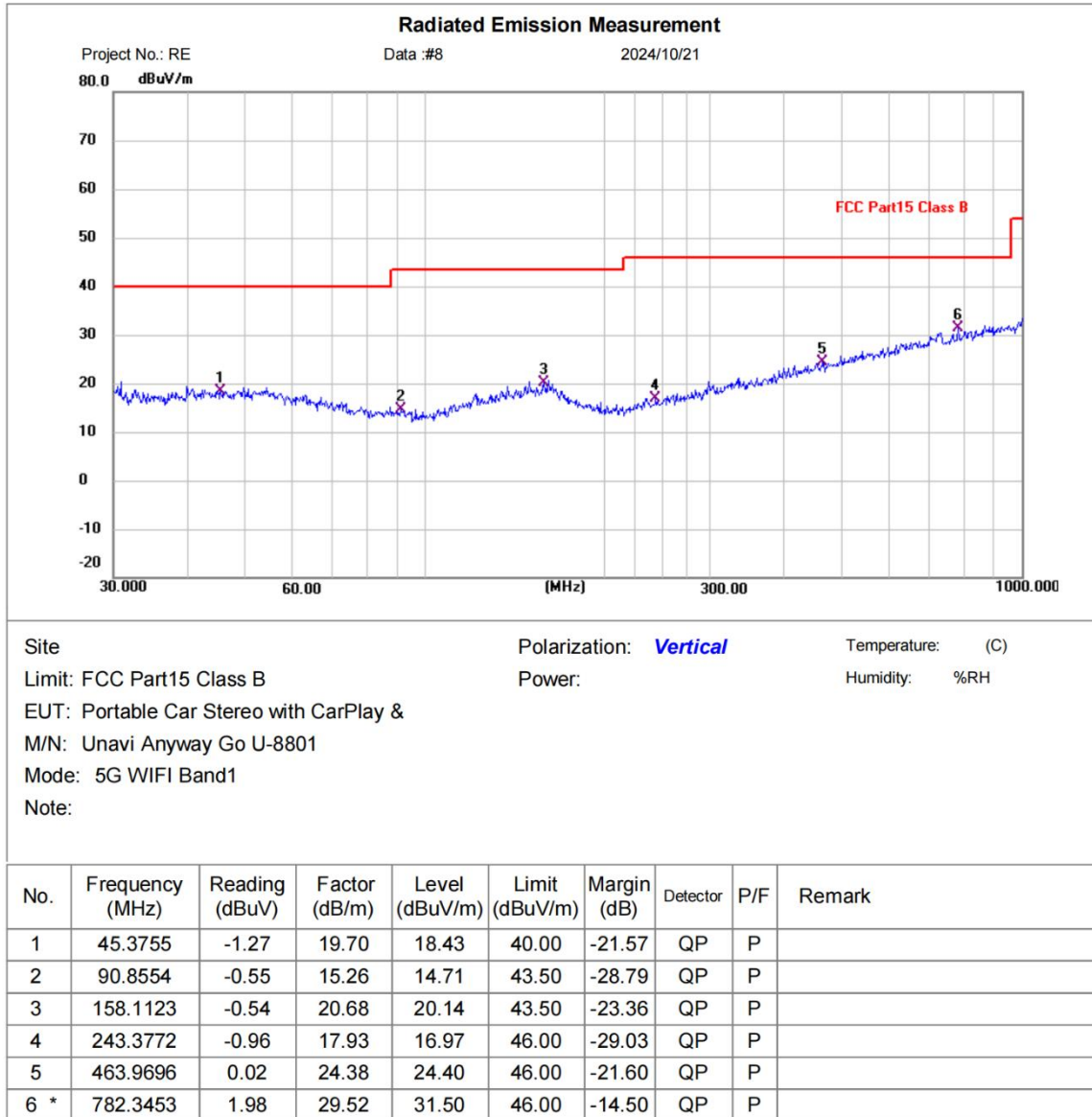
[TestMode: TX below 1G]; [Polarity: Horizontal]



*:Maximum data x:Over limit !:over margin

Test Result: Pass

[TestMode: TX below 1G]; [Polarity: Vertical]



*:Maximum data x:Over limit !:over margin

Test Result: Pass

Remark: During the test, pre-scan the 802.11a/n/ac mode, and found the 802.11a mode which it is worse case.

[TestMode: TX band1 a 5180 channel]; [Polarity: Horizontal]

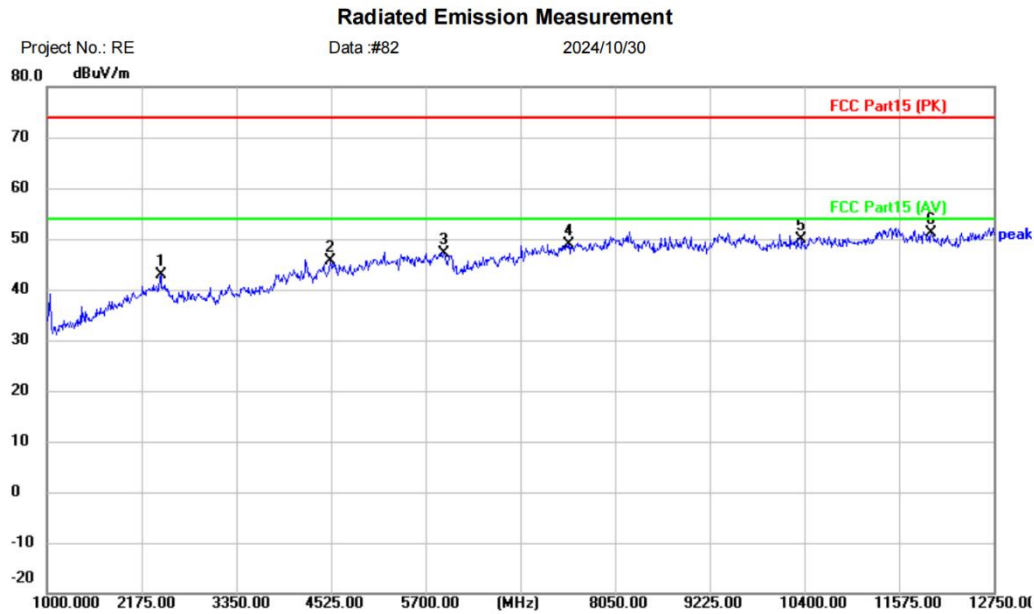


*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40
Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass

[TestMode: TX band1 a 5180 channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Portable Car Stereo with CarPlay &
 M/N: Unavi Anyway Go U-8801
 Mode: 5G WIFI Band1 TX 5180
 Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2410.000	42.68	0.10	42.78	74.00	-31.22	peak	
2	4513.250	40.09	5.49	45.58	74.00	-28.42	peak	
3	5923.250	38.17	9.06	47.23	74.00	-26.77	peak	
4	7474.250	37.93	10.94	48.87	74.00	-25.13	peak	
5	10360.00	36.11	13.80	49.91	74.00	-24.09	peak	
6 *	11974.50	36.71	14.37	51.08	74.00	-22.92	peak	

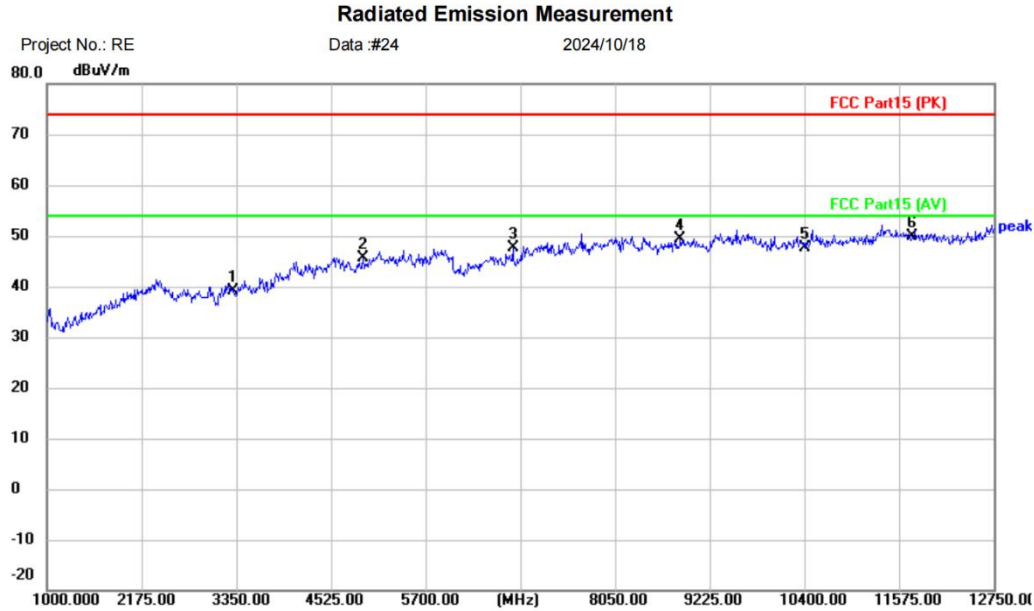
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass

[TestMode: TX band1 a 5200 channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Portable Car Stereo with CarPlay &
 M/N: Unavi Anyway Go U-8801
 Mode: 5G WIFI Band1 TX 5200
 Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3314.750	40.30	-1.13	39.17	74.00	-34.83	peak	
2	4924.500	38.62	6.90	45.52	74.00	-28.48	peak	
3	6781.000	38.81	8.71	47.52	74.00	-26.48	peak	
4	8860.750	37.34	11.98	49.32	74.00	-24.68	peak	
5	10400.00	33.89	13.81	47.70	74.00	-26.30	peak	
6 *	11739.50	35.96	13.86	49.82	74.00	-24.18	peak	

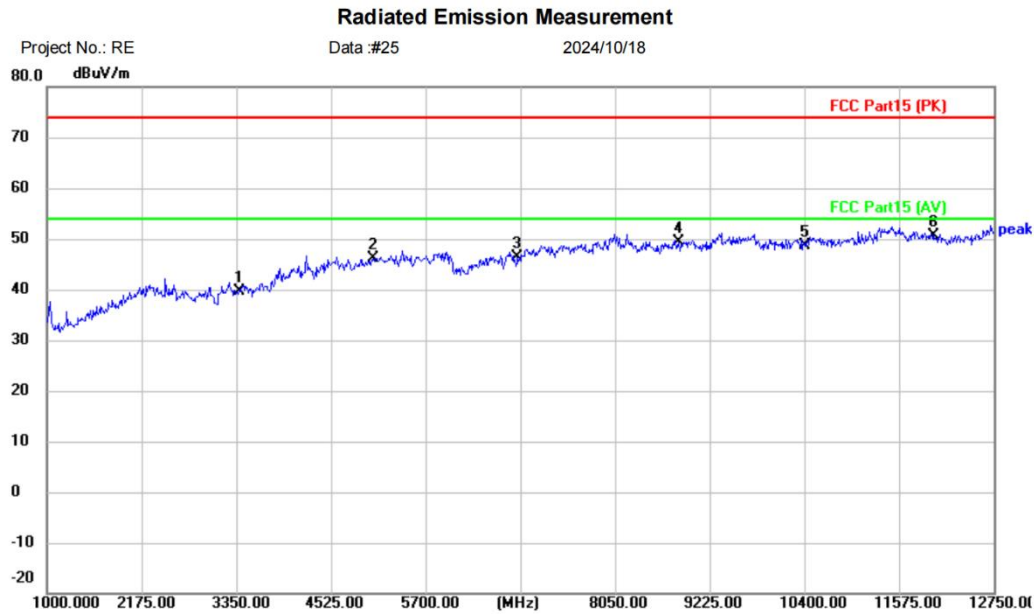
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass

[TestMode: TX band1 a 5200 channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: Portable Car Stereo with CarPlay &

M/N: Unavi Anyway Go U-8801

Mode: 5G WIFI Band1 TX 5200

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3385.250	40.59	-1.04	39.55	74.00	-34.45	peak	
2	5053.750	37.77	8.44	46.21	74.00	-27.79	peak	
3	6839.750	37.33	8.97	46.30	74.00	-27.70	peak	
4	8837.250	37.43	11.92	49.35	74.00	-24.65	peak	
5	10400.00	34.93	13.81	48.74	74.00	-25.26	peak	
6 *	12009.75	36.15	14.49	50.64	74.00	-23.36	peak	

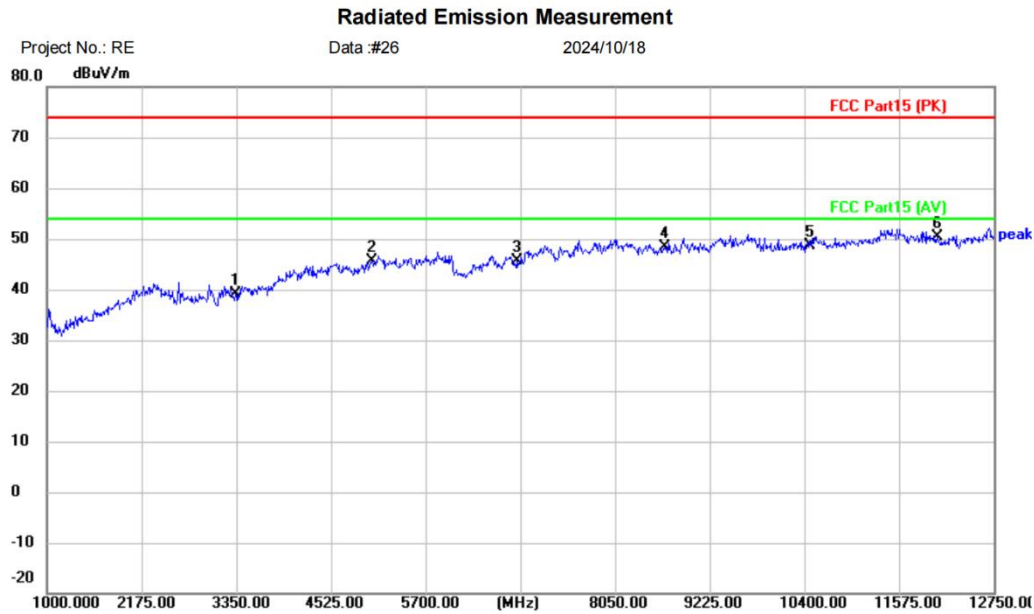
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass

[TestMode: TX band1 a 5240 channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Portable Car Stereo with CarPlay &
 M/N: Unavi Anyway Go U-8801
 Mode: 5G WIFI Band1 TX 5240
 Note:

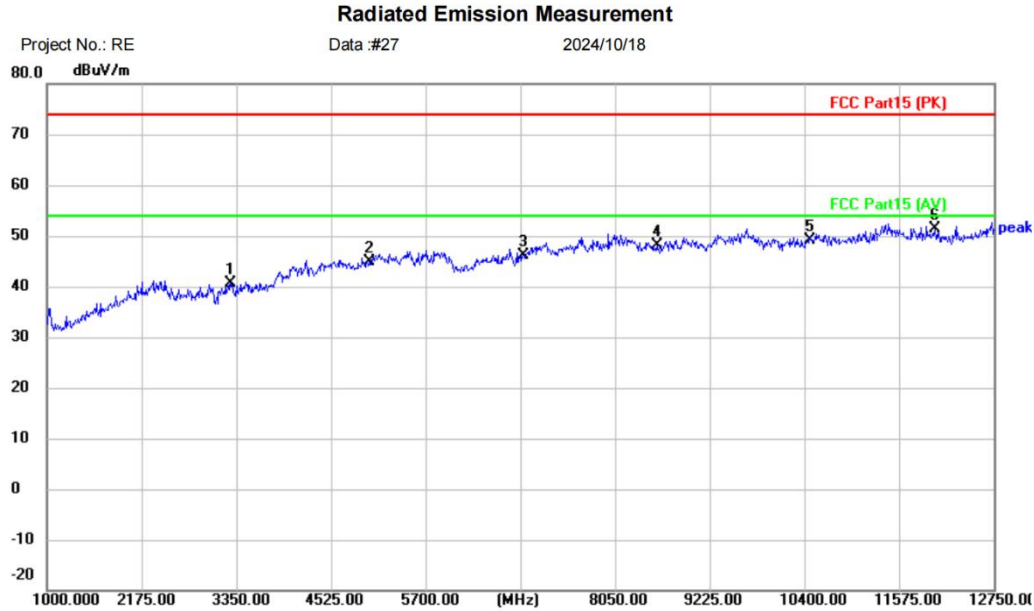
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3338.250	40.45	-1.24	39.21	74.00	-34.79	peak	
2	5030.250	37.52	8.22	45.74	74.00	-28.26	peak	
3	6828.000	36.72	8.83	45.55	74.00	-28.45	peak	
4	8661.000	36.65	11.79	48.44	74.00	-25.56	peak	
5	10480.00	34.61	14.06	48.67	74.00	-25.33	peak	
6 *	12045.00	36.09	14.38	50.47	74.00	-23.53	peak	

*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40
 Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass

[TestMode: TX band1 a 5240 channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: Portable Car Stereo with CarPlay &
 M/N: Unavi Anyway Go U-8801
 Mode: 5G WIFI Band1 TX 5240
 Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	3279.500	41.72	-1.13	40.59	74.00	-33.41	peak	
2	4995.000	37.14	7.81	44.95	74.00	-29.05	peak	
3	6910.250	36.99	9.21	46.20	74.00	-27.80	peak	
4	8567.000	36.66	11.47	48.13	74.00	-25.87	peak	
5	10480.00	35.19	14.06	49.25	74.00	-24.75	peak	
6 *	12021.50	36.85	14.46	51.31	74.00	-22.69	peak	

*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: EZ 9120D 1G-18G 2024 Engineer Signature:

Test Result: Pass