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TEST REPORT

FCC PART 15.247

Report Reference No.: CTL2204142021-WF

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Product Name: Inview smart scale

Model/Type reference: R-A006

List Model(s): R-A005

Trade Mark: RENPHO

FCC ID: 2A26P-RA006

Applicant's name: REESTAR INTERNATIONAL LIMITED

Address of applicant: UNIT 06-07, 28/F CONCORDIA PLAZA, 1 SCIENCE MUSEUM
RD TST, EAST KLN, HONG KONG

Test Firm: Shenzhen CTL Testing Technology Co., Ltd.

Address of Test Firm: Floor 1-A, Baisha Technology Park, No.3011, Shahexi Road,
Nanshan District, Shenzhen, China 518055

Test specification:

Standard: FCC Part 15.247: Operation within the bands 902-928 MHz,
2400-2483.5 MHz and 5725-5850 MHz.

TRF Originator: Shenzhen CTL Testing Technology Co., Ltd.

Master TRF: Dated 2011-01

Date of receipt of test item: Apr. 21, 2022

Date of Test Date: Apr. 21, 2022-May. 10, 2022

Date of Issue: May. 11, 2022

Result: Pass

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TEST REPORT

Test Report No. :	CTL2204142021-WF	May. 11, 2022 Date of issue
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Equipment under Test : Inview smart scale

Sample No : CTL2204142021-S001

Model /Type : R-A006

Listed Models : R-A005

Applicant : **REESTAR INTERNATIONAL LIMITED**

Address : UNIT 06-07, 28/F CONCORDIA PLAZA, 1 SCIENCE
MUSEUM RD TST, EAST KLN, HONG KONG

Manufacturer : **Shenzhen Ruiyi Business Technology Co., Ltd**

Address : Qianhai Complex A201, Qianwan Road 1, Qianhai
Shenzhen-Hong Kong Cooperation Zone, Shenzhen,
518000 P.R.China

Test result	Pass *
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* In the configuration tested, the EUT complied with the standards specified page 5.

The device (Product Name: Inview smart scale) Models Name: R-A006, R-A005 have same electrical, PCB and BOM, only the colour and model's names are different for marketing requirements.

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 issuing testing laboratory.

** Modified History **

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Table of Contents**Page**

1. SUMMARY.....	5
1.1. TEST STANDARDS.....	5
1.2. TEST DESCRIPTION.....	5
1.3. TEST FACILITY.....	6
1.4. STATEMENT OF THE MEASUREMENT UNCERTAINTY.....	6
2. GENERAL INFORMATION.....	8
2.1. ENVIRONMENTAL CONDITIONS.....	8
2.2. GENERAL DESCRIPTION OF EUT.....	8
2.3. DESCRIPTION OF TEST MODES AND TEST FREQUENCY.....	9
2.4. EQUIPMENTS USED DURING THE TEST.....	10
2.5. RELATED SUBMITTAL(S) / GRANT (S).....	10
2.6. MODIFICATIONS.....	10
3. TEST CONDITIONS AND RESULTS.....	11
3.1. RADIATED EMISSIONS AND BAND EDGE.....	11
3.2. MAXIMUM CONDUCTED OUTPUT POWER.....	19
3.3. POWER SPECTRAL DENSITY.....	20
3.4. 6dB BANDWIDTH.....	21
3.5. OUT-OF-BAND EMISSIONS.....	22
3.6. ANTENNA REQUIREMENT.....	23
4. TEST SETUP PHOTOS OF THE EUT.....	24
5. EXTERNAL AND INTERNAL PHOTOS OF THE EUT.....	25

1. SUMMARY

1.1. TEST STANDARDS

The tests were performed according to following standards:

[FCC Rules Part 15.247](#): Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz

[ANSI C63.10: 2013](#): American National Standard for Testing Unlicensed Wireless Devices

[KDB 558074 D01 15.247 Meas Guidance v05r02](#) : Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247

1.2. Test Description

FCC PART 15.247		
FCC Part 15.207	AC Power Conducted Emission	N/A
FCC Part 15.247(a)(2)	6dB Bandwidth	PASS
FCC Part 15.247(d)	Spurious RF Conducted Emission	PASS
FCC Part 15.247(b)	Maximum Conducted Output Power	PASS
FCC Part 15.247(e)	Power Spectral Density	PASS
FCC Part 15.109/ 15.205/ 15.209	Radiated Emissions	PASS
FCC Part 15.247(d)	Band Edge	PASS
FCC Part 15.203/15.247 (b)	Antenna Requirement	PASS

1.3. Test Facility

1.3.1 Address of the test laboratory

Shenzhen CTL Testing Technology Co., Ltd.

Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road, Nanshan, Shenzhen 518055 China

There is one 3m semi-anechoic chamber and two line conducted labs for final test. The Test Sites meet the requirements in documents ANSI C63.4 and CISPR 32/EN 55032 requirements.

1.3.2 Laboratory accreditation

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

CNAS-Lab Code: L7497

Shenzhen CTL Testing Technology Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No. 4343.01

Shenzhen CTL Testing Technology Co., Ltd, EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

IC Registration No.: 9618B

CAB identifier: CN0041

The 3m alternate test site of Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements with Registration No.: 9618B on Jan. 22, 2019.

FCC-Registration No.: 399832

Designation No.: CN1216

Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 399832, December 08, 2017.

1.4. 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 CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen CTL 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 CTL laboratory is reported:

Test	Measurement Uncertainty	Notes
Transmitter power conducted	± 0.57 dB	(1)
Transmitter power Radiated	± 2.20 dB	(1)
Conducted spurious emission 9KHz-40 GHz	± 1.60 dB	(1)
Occupied Bandwidth	± 0.20 ppm	(1)
Radiated Emission 9KHz~30MHz	± 3.40 dB	(1)
Radiated Emission 30~1000MHz	± 4.10 dB	(1)
Radiated Emission Above 1GHz	± 4.32 dB	(1)

Conducted Disturbance0.15~30MHz	$\pm 3.20\text{dB}$	(1)
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(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2. GENERAL INFORMATION

2.1. Environmental conditions

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

Normal Temperature:	25°C
Relative Humidity:	55 %
Air Pressure:	101 kPa

2.2. General Description of EUT

Product Name:	Inview smart scale
Model/Type reference:	R-A006
Power supply:	DC 4.5V (3*AAA Non-rechargeable battery)
Bluetooth LE	
Supported type:	Bluetooth Low Energy
Modulation:	GFSK
Operation frequency:	2402MHz to 2480MHz
Channel number:	40
Channel separation:	2MHz
Antenna type:	PCB Antenna
Antenna gain:	1.75dBi

Note 1: For more details, please refer to the user's manual of the EUT.

Note 2: Antenna gain provided by the applicant.

2.3. Description of Test Modes and Test Frequency

The EUT was tested under typical operating conditions. The applicant provides drivers to make it work for general use and software to obtain data from it to see if it works as intended during testing.

The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing.

There are 40 channels provided to the EUT and Channel 00/19/39 were selected for BLE test.

Operation Frequency List :

Channel	Frequency (MHz)
00	2402
02	2404
03	2406
⋮	⋮
19	2440
⋮	⋮
37	2476
38	2478
39	2480

Note: The line display in grey were the channel selected for testing

2.4. Equipments Used during the Test

Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
LISN	R&S	ESH2-Z5	860014/010	2022/05/07	2023/05/06
Double cone logarithmic antenna	Schwarzbeck	VULB 9168	824	2020/04/07	2023/04/06
Horn Antenna	Ocean Microwave	OBH100400	26999002	2019/11/28	2022/11/27
EMI Test Receiver	R&S	ESCI	1166.5950.03	2022/05/07	2023/05/06
Spectrum Analyzer	Agilent	E4407B	MY41440676	2022/05/07	2023/05/06
Spectrum Analyzer	Agilent	N9020A	US46220290	2022/05/07	2023/05/06
Spectrum Analyzer	Keysight	N9020A	MY53420874	2022/05/07	2023/05/06
Horn Antenna	Sunol Sciences Corp.	DRH-118	A062013	2021/12/23	2024/12/22
Active Loop Antenna	Da Ze	ZN30900A	/	2021/05/13	2024/05/12
Amplifier	Agilent	8449B	3008A02306	2022/05/07	2023/05/06
Amplifier	Agilent	8447D	2944A10176	2022/05/06	2023/05/05
Amplifier	Brief&Smart	LNA-4018	2104197	2022/05/07	2023/05/06
Temperature/Humidity Meter	Ji Yu	MC501	/	2022/05/07	2023/05/06
Power Sensor	Agilent	U2021XA	MY55130004	2022/05/07	2023/05/06
Power Sensor	Agilent	U2021XA	MY55130006	2022/05/07	2023/05/06
Power Sensor	Agilent	U2021XA	MY54510008	2022/05/07	2023/05/06
Power Sensor	Agilent	U2021XA	MY55060003	2022/05/07	2023/05/06
Spectrum Analyzer	RS	FSP	1164.4391.38	2022/05/07	2023/05/06
Test Software					
Name of Software			Version		
TST-PASS			V1.1.0		
EZ_EMC(Below 1GHz)			V1.1.4.2		
EZ_EMC((Above 1GHz)			V1.1.4.2		

The calibration interval was one year

2.5. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended to comply with Section 15.247 of the FCC Part 15, Subpart C Rules.

2.6. Modifications

No modifications were implemented to meet testing criteria.

3. TEST CONDITIONS AND RESULTS

3.1. Radiated Emissions and Band Edge

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.

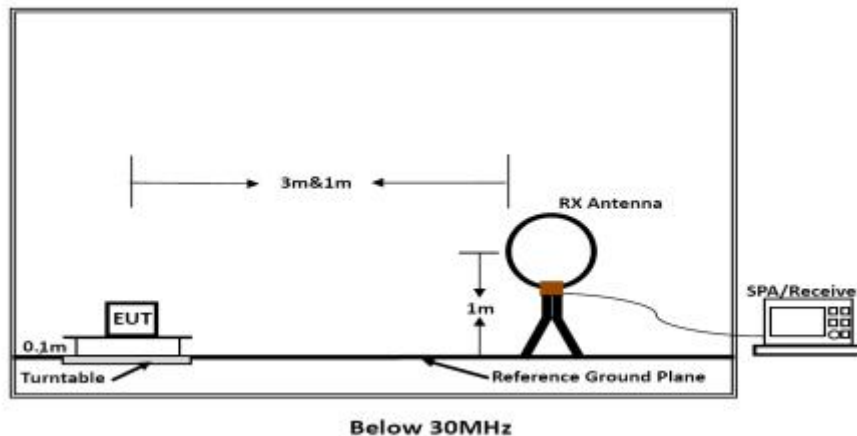
In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a)

Radiated emission limits

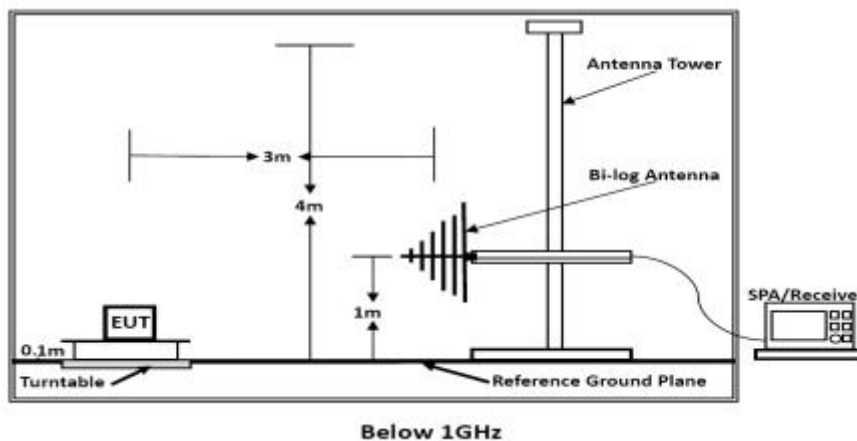
Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	$20\log(2400/F(\text{KHz}))+40\log(300/3)$	$2400/F(\text{KHz})$
0.49-1.705	3	$20\log(24000/F(\text{KHz}))+40\log(30/3)$	$24000/F(\text{KHz})$
1.705-30	3	$20\log(30)+40\log(30/3)$	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960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

TEST CONFIGURATION

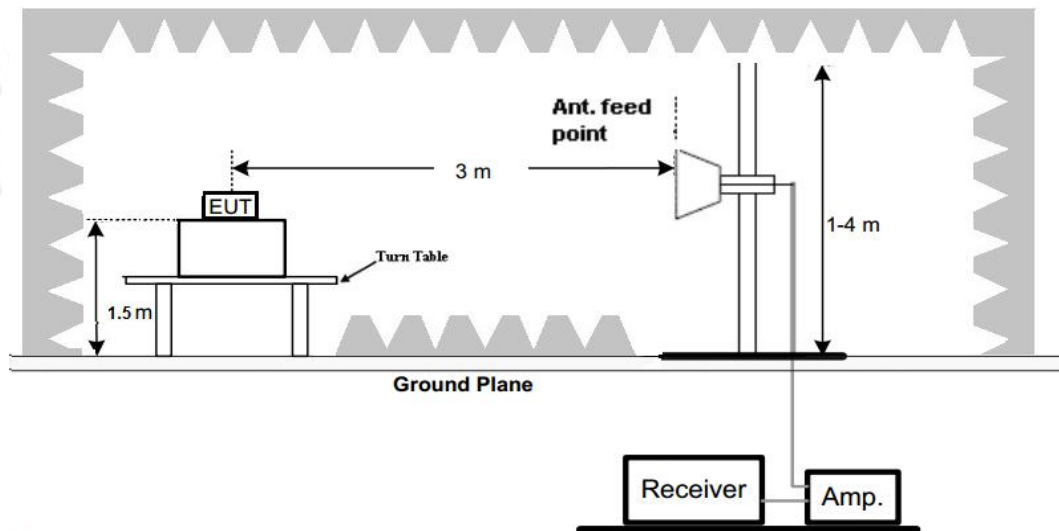
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency below 1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



Test Procedure

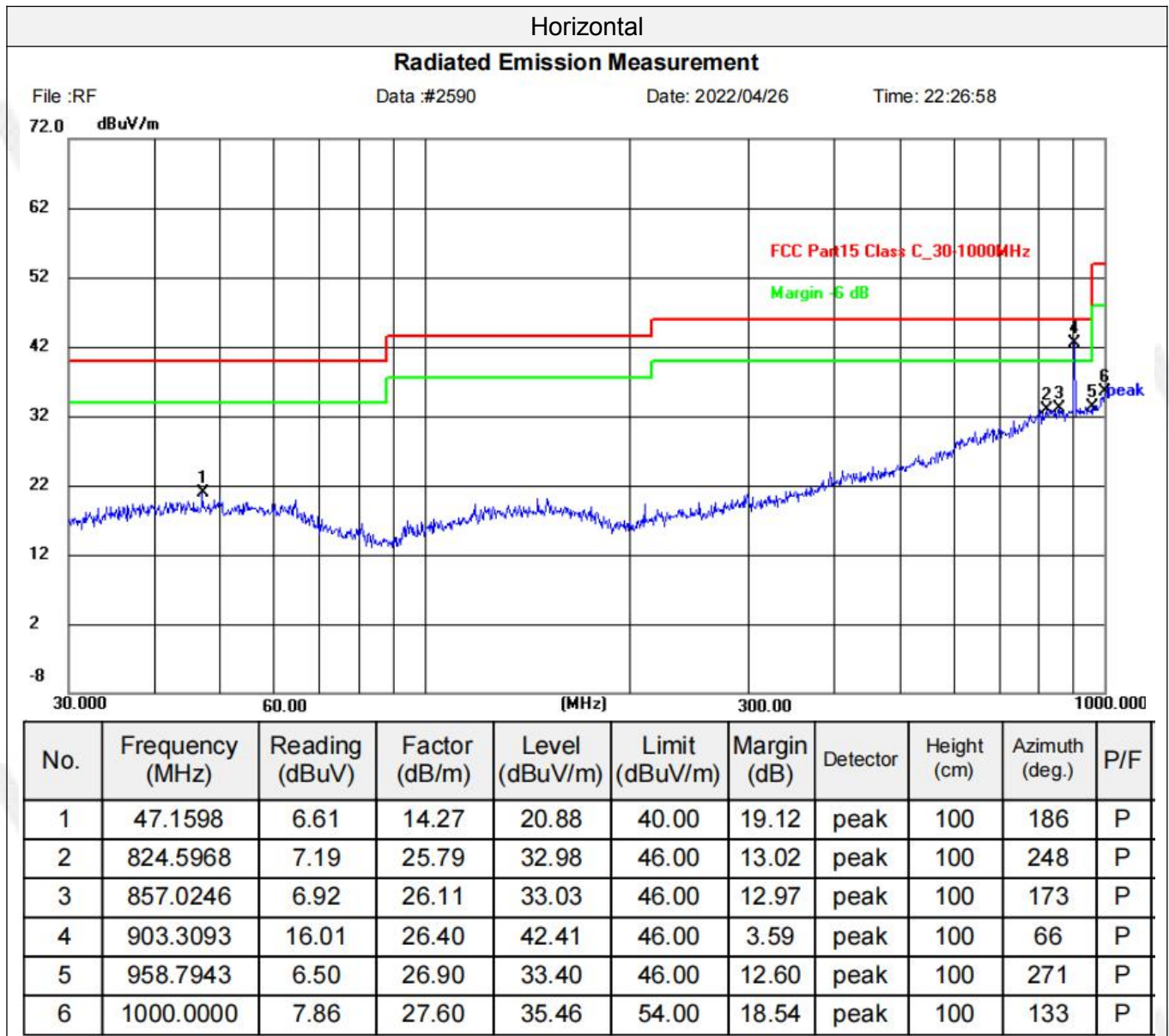
1. Below 1GHz measurement the EUT is placed on a turntable which is 0.8m above ground plane, and above 1GHz measurement EUT was placed on a low permittivity and low loss tangent turn table which is 1.5m above ground plane.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 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. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

TEST RESULTS

Remark:

1. For below 1GHz testing recorded worst at BLE low channel.
2. Radiated emission test from 9 KHz to 10th harmonic of fundamental was verified, Found the emission level are attenuated 20dB below the limits from 9 kHz to 30MHz, so it does not recorded in report.

For 30MHz-1GHz



Vertical

Radiated Emission Measurement

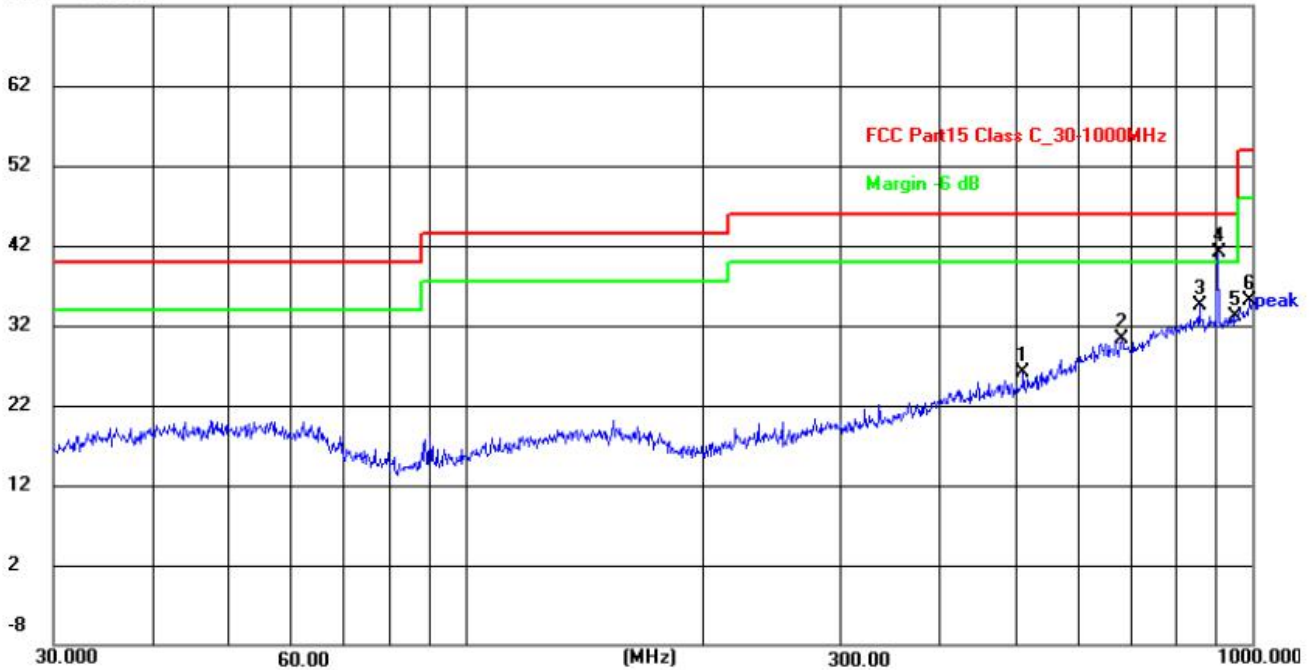
File :RF

Data :#2591

Date: 2022/04/26

Time: 22:28:14

72.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	511.8352	6.90	19.29	26.19	46.00	19.81	peak	100	273	P
2	682.3484	7.69	22.56	30.25	46.00	15.75	peak	100	7	P
3	857.0247	8.40	26.11	34.51	46.00	11.49	peak	100	107	P
4	903.3094	14.75	26.40	41.15	46.00	4.85	peak	100	114	P
5	948.7610	6.41	26.78	33.19	46.00	12.81	peak	100	213	P
6	993.0114	7.75	27.35	35.10	54.00	18.90	peak	100	67	P

For 1GHz to 25GHz**BLE 1M Mode (above 1GHz)**

Frequency(MHz):			2402		Polarity:			HORIZONTAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4804.00	54.81	PK	74.00	19.19	50.30	33.49	6.91	35.89	4.51
4804.00	49.27	AV	54.00	4.73	44.76	33.49	6.91	35.89	4.51
5154.00	48.52	PK	74.00	25.48	41.31	34.38	7.10	34.27	7.21
5154.00	--	AV	54.00	--	--	--	--	--	--
7206.00	51.35	PK	74.00	22.65	40.25	36.95	9.18	35.03	11.10
7206.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2402		Polarity:			VERTICAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4804.00	55.72	PK	74.00	18.28	51.21	33.49	6.91	35.89	4.51
4804.00	50.81	AV	54.00	3.19	46.30	33.49	6.91	35.89	4.51
5632.00	45.47	PK	74.00	28.53	37.91	34.69	7.23	34.36	7.56
5632.00	--	AV	54.00	--	--	--	--	--	--
7206.00	48.32	PK	74.00	25.68	37.22	36.95	9.18	35.03	11.10
7206.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2440		Polarity:			HORIZONTAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4880.00	54.95	PK	74.00	19.05	48.70	33.60	6.95	34.30	6.25
4880.00	49.54	AV	54.00	4.46	43.29	33.60	6.95	34.30	6.25
5948.00	46.17	PK	74.00	27.83	38.54	34.57	7.16	34.10	7.63
5948.00	--	AV	54.00	--	--	--	--	--	--
7320.00	48.26	PK	74.00	25.74	36.57	37.46	9.23	35.00	11.69
7320.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2440		Polarity:			VERTICAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4880.00	55.72	PK	74.00	18.28	49.47	33.60	6.95	34.30	6.25
4880.00	51.23	AV	54.00	2.77	44.98	33.60	6.95	34.30	6.25
5684.00	48.84	PK	74.00	25.16	41.20	34.58	7.16	34.10	7.64
5684.00	--	AV	54.00	--	--	--	--	--	--
7320.00	49.33	PK	74.00	24.67	37.64	37.46	9.23	35.00	11.69
7320.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2480		Polarity:			HORIZONTAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4960.00	57.35	PK	74.00	16.65	52.43	33.84	7.00	35.92	4.92
4960.00	52.24	AV	54.00	1.76	47.32	33.84	7.00	35.92	4.92
5169.00	47.83	PK	74.00	26.17	40.29	34.67	7.22	34.35	7.54
5169.00	--	AV	54.00	--	--	--	--	--	--
7440.00	48.74	PK	74.00	25.26	36.79	37.64	9.28	34.97	11.95
7440.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2480		Polarity:			VERTICAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
4960.00	56.14	PK	74.00	17.86	51.22	33.84	7.00	35.92	4.92
4960.00	49.53	AV	54.00	4.47	44.61	33.84	7.00	35.92	4.92
6258.00	48.84	PK	74.00	25.16	41.65	34.36	7.10	34.27	7.19
6258.00	--	AV	54.00	--	--	--	--	--	--
7440.00	47.63	PK	74.00	26.37	35.68	37.64	9.28	34.97	11.95
7440.00	--	AV	54.00	--	--	--	--	--	--

REMARKS:

1. Emission level (dBuV/m) =Raw Value (dBuV)+Correction Factor (dB/m)
2. Correction Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
3. Margin value = Limit value- Emission level.
4. -- Mean the PK detector measured value is below average limit.
5. RBW 1MHz VBW 3MHz Peak detector is for PK value; RBW 1MHz VBW 10Hz Peak detector is for AV value.
6. Other emissions are attenuated 20dB below the limits from 9kHz to 30MHz, so it does not recorded in report.

Results of Band Edges Test (Radiated)**BLE 1M Mode**

Frequency(MHz):			2402		Polarity:			HORIZONTAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
2402.00	90.76	PK	--	--	57.37	28.78	4.61	0.00	33.39
2402.00	86.37	AV	--	--	52.98	28.78	4.61	0.00	33.39
2384.00	46.84	PK	74.00	27.16	13.76	28.52	4.56	0.00	33.08
2384.00	--	AV	54.00	--	--	--	--	--	--
2390.00	58.11	PK	74.00	15.89	24.79	28.72	4.60	0.00	33.32
2390.00	53.24	AV	54.00	0.76	19.92	28.72	4.60	0.00	33.32
2440.00	--	PK	74.00	--	--	--	--	--	--
2440.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2402		Polarity:			VERTICAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
2402.00	91.55	PK	--	--	58.16	28.78	4.61	0.00	33.39
2402.00	87.91	AV	--	--	54.52	28.78	4.61	0.00	33.39
2378.00	45.60	PK	74.00	28.40	12.52	28.52	4.56	0.00	33.08
2378.00	--	AV	54.00	--	--	--	--	--	--
2390.00	58.35	PK	74.00	15.65	25.03	28.72	4.60	0.00	33.32
2390.00	53.46	AV	54.00	0.54	20.14	28.72	4.60	0.00	33.32
2440.00	--	PK	74.00	--	--	--	--	--	--
2440.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2480		Polarity:			HORIZONTAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
2480.00	92.74	PK	--	--	59.12	28.92	4.70	0.00	33.62
2480.00	88.41	AV	--	--	54.79	28.92	4.70	0.00	33.62
2483.50	49.93	PK	74.00	24.07	16.30	28.93	4.70	0.00	33.63
2483.50	--	AV	54.00	--	--	--	--	--	--
2489.00	55.21	PK	74.00	18.79	21.55	28.95	4.71	0.00	33.66
2489.00	50.85	AV	54.00	3.15	17.19	28.95	4.71	0.00	33.66
2500.00	48.53	PK	74.00	25.47	14.85	28.96	4.72	0.00	33.68
2500.00	--	AV	54.00	--	--	--	--	--	--

Frequency(MHz):			2480		Polarity:			VERTICAL	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre-amplifier (dB)	Correction Factor (dB/m)
2480.00	93.64	PK	--	--	60.02	28.92	4.70	0.00	33.62
2480.00	89.17	AV	--	--	55.55	28.92	4.70	0.00	33.62
2483.50	50.85	PK	74.00	23.15	17.22	28.93	4.70	0.00	33.63
2483.50	--	AV	54.00	--	--	--	--	--	--
2492.00	54.73	PK	74.00	19.27	21.07	28.95	4.71	0.00	33.66
2492.00	49.81	AV	54.00	4.19	16.15	28.95	4.71	0.00	33.66
2500.00	47.32	PK	74.00	26.68	13.64	28.96	4.72	0.00	33.68
2500.00	--	AV	54.00	--	--	--	--	--	--

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m)
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Factor
3. Margin value = Limit value - Emission level.
4. -- Mean the PK detector measured value is below average limit.
5. RBW 1MHz VBW 3MHz Peak detector is for PK value; RBW 1MHz VBW 10Hz Peak detector is for AV value.
6. For fundamental frequency, RBW 3MHz VBW 3MHz Peak detector is for PK Value; RMS detector is for AV value.
7. Other emissions are attenuated 20dB below the limits from 9kHz to 30MHz, so it does not recorded in report.

3.2. Maximum Conducted Output Power

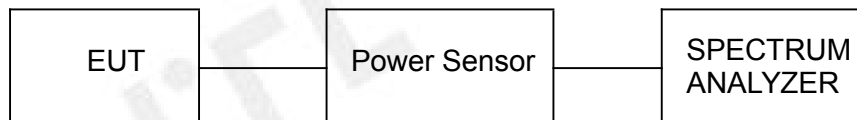
Limit

The Maximum Peak Output Power Measurement is 30dBm.

Test Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power sensor.

Test Configuration



Test Results

Raw data reference to Section 3 from Appendix.

3.3. Power Spectral Density

Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Test Procedure

1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
2. Set the RBW ≥ 3 kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Set the span to 1.5 times the DTS channel bandwidth.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum power level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
11. The resulting peak PSD level must be 8dBm.

Test Configuration



Test Results

Raw data reference to Section 4 from Appendix.