

FCC Test Report

FCC ID : R3USCBT20
Product Description : True Wireless Gaming Earbuds
Model No. : SCBT20
Brand Name : EPOS
Applicant : DSEA A/S
Address : Kongebakken 9, DK-2765 Smørum, Denmark
Standard : 47 CFR FCC Part 15.209
Received Date : Jun. 05, 2020
Tested Date : Jun. 19 ~ Jul. 14, 2020

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:



Along Chen / Assistant Manager

Approved by:



Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FR060501NF	Rev. 01	Initial issue	Aug. 20, 2020
FR060501NF	Rev. 02	Updating applicant's information.	Nov. 06, 2020
FR060501NF	Rev. 03	<ol style="list-style-type: none">1. Adding antenna brand & model.2. Updating charging box rating.3. Adding limit extrapolation for frequency below 30 MHz	Dec. 07, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	Meet the requirement of limit	Pass
15.209	Radiated Emissions	Meet the requirement of limit	Pass
15.215 (c)	20dB bandwidth	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information		
Modulation	Ch. Frequency (MHz)	Channel Number
8-DPSK	10.579	1

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Antenna Gain (dBi)
1	PulseGM	GF5520-72XJLC(3.7uH)	coil antenna	-	-

1.1.3 EUT Operational Condition

Power Supply Type	Battery 3.7Vdc		
	Master earbud: Max charge current: 60mA , Max discharge current: 14mA		
	Slave earbud: Max charge current: 60mA, Max discharge current: 4mA		
	Chargebox: Max charge current: 560mA , Max discharge current: 200mA		
Operational Voltage	<input checked="" type="checkbox"/> Vnom (3.7 V)	<input checked="" type="checkbox"/> Vmax (4.2 V)	<input checked="" type="checkbox"/> Vmin (3.5V)
Operational Climatic	<input checked="" type="checkbox"/> Tnom (20°C)	<input checked="" type="checkbox"/> Tmax (45°C)	<input checked="" type="checkbox"/> Tmin (5°C)

1.1.4 Accessories

No.	Equipment	Description
1	Battery	Brand: Guangdong Mic Power New Energy Co. Ltd. Model: M1254S2 Rating: 3.7Vdc, 60mAh
2	USB cable	Brand: EPOS Model: EPUL57 Line: 0.57m shielded without core
3	Charging box	Brand: EPOS Model: SCBT20 Rating: 5V = 600mA
4	Bluetooth dongle	Brand: EPOS Model: SCBT16
5	USB-C to USB-A extension cable	Brand: SENNHEISER Model: TB011 Line:1.35m shielded without core

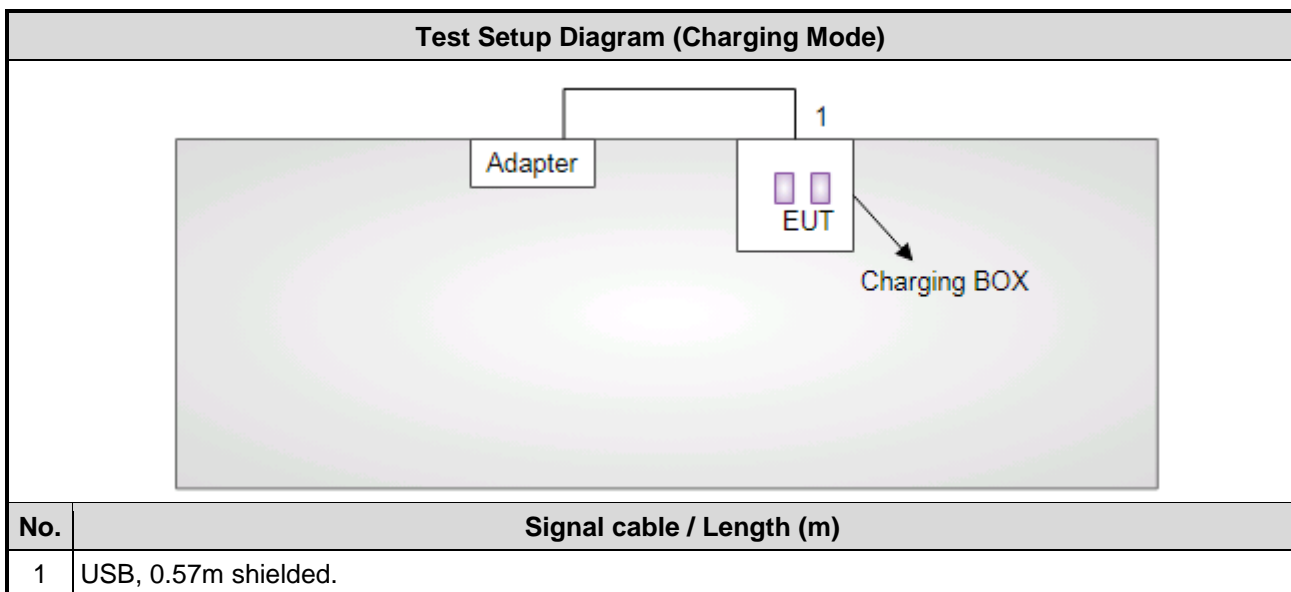
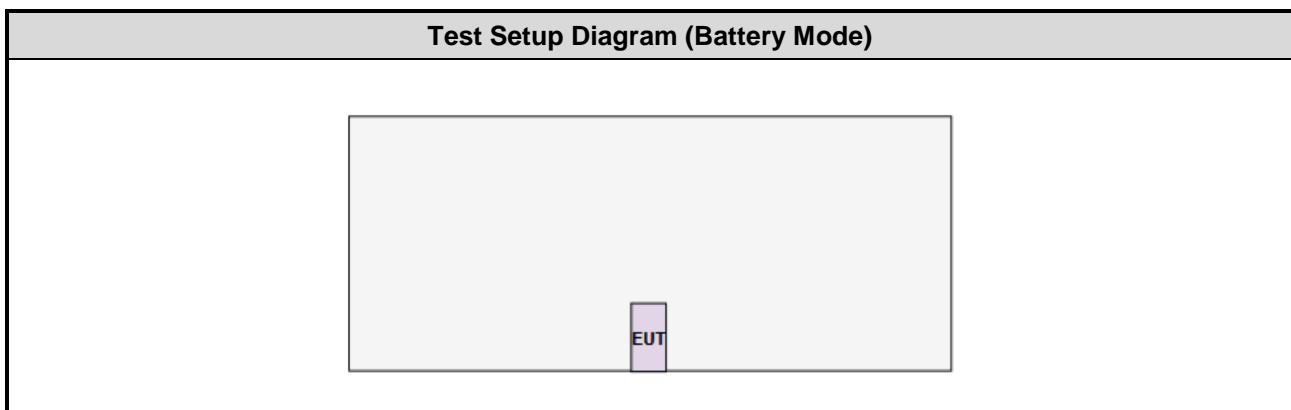
1.1.5 Test Tool and Power Setting

Test tool	NvsApp, Version:: 3.2.2
Setting	Default

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Notebook	DELL	Latitude E5470	DoC	---
2	Adapter	Samsung	ETA-U90JWS	---	---

1.3 Test Setup Chart



Note: The notebook is disconnected from EUT and removed from test table when EUT is set to transmit continuously.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Dec. 12, 2019	Dec. 11, 2020
LISN	R&S	ENV216	101579	Mar. 12, 2020	Mar. 11, 2021
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 22, 2019	Oct. 21, 2020
Measurement Software	AUDIX	e3	6.120210k	NA	NA

Note: Calibration Interval of instruments listed above is one year.

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Dec. 17, 2019	Dec. 16, 2020
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-523	Dec. 26, 2019	Dec. 25, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 12, 2019	Dec. 11, 2020
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2019	Nov. 14, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980194	Sep. 18, 2019	Sep. 17, 2020
Preamplifier	Agilent	83017A	MY39501308	Oct. 08, 2019	Oct. 07, 2020
Preamplifier	EMC	EMC184045B	980192	Aug. 01, 2019	Jul. 31, 2020
RF Cable	EMC	EMC104-SM-SM-8000	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA

Note: Calibration Interval of instruments listed above is one year.

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101499	Jan. 09, 2020	Jan. 08, 2021
Power Meter	Anritsu	ML2495A	1241002	Oct. 23, 2019	Oct. 22, 2020
Power Sensor	Anritsu	MA2411B	1207366	Oct. 23, 2019	Oct. 22, 2020
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 02, 2019	Dec. 01, 2020
Measurement Software	--	SENSE-15247_FS	V5.10.1	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.209

ANSI C63.10-2013

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.41 dB
Radiated emission > 1GHz	±4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corp.
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)	Test Configuration
AC Conducted Emissions	Charging	---	2
Radiated Emissions	8-DPSK	10.579	1
	Charging	---	2
20dB bandwidth	8-DPSK	10.579	1

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
2. The EUT had been tested by following test configurations.
 - 1) Configuration 1 : Battery mode
 - 2) Configuration 2 : Charging mode

3 Transmitter Test Results

3.1 Conducted Emissions

3.1.1 Limit of Conducted Emissions

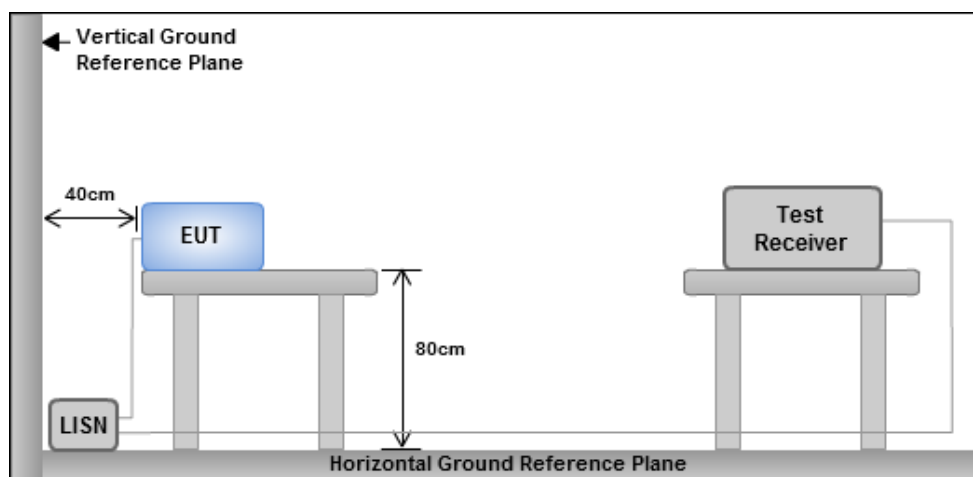
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

3.1.3 Test Setup

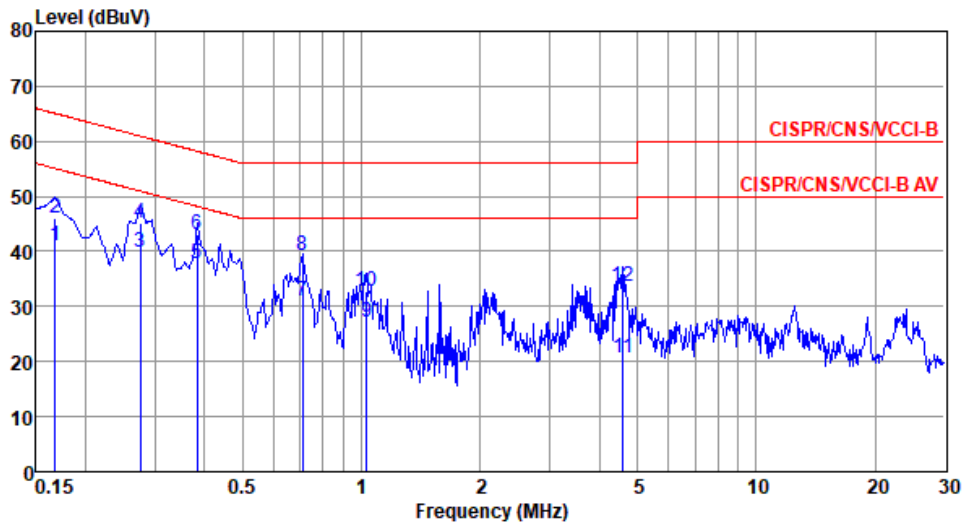


- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.4 Test Result of Conducted Emissions

Ambient Condition	24°C / 59%	Tested By	Alex Tsai
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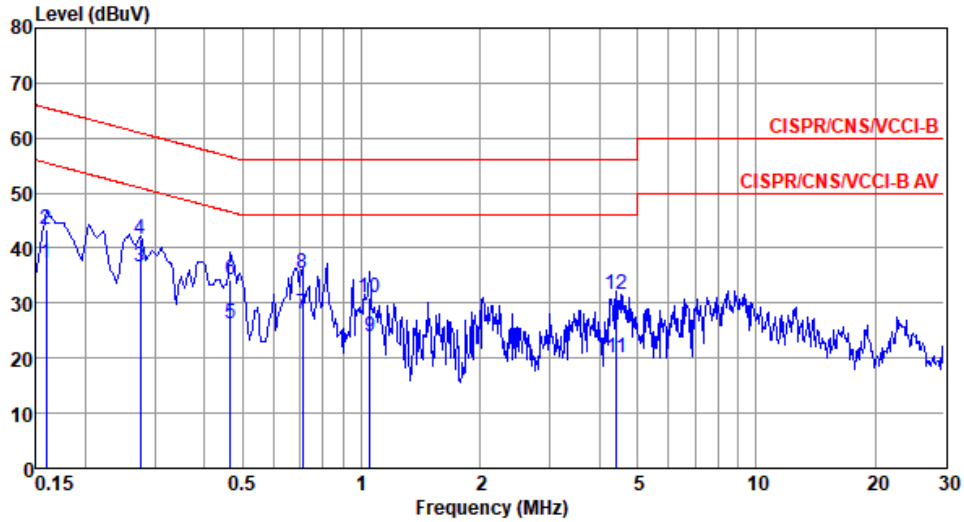
Modulation Mode	Charging	Test Freq. (MHz)	---
Power Phase	Line		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.168	40.97	55.08	-14.11	31.11	9.64	0.05	Average
2	0.168	46.09	65.08	-18.99	36.23	9.64	0.05	QP
3	0.276	40.00	50.94	-10.94	30.08	9.63	0.07	Average
4	0.276	45.08	60.94	-15.86	35.16	9.63	0.07	QP
5*	0.383	37.66	48.21	-10.55	27.70	9.63	0.08	Average
6	0.383	43.02	58.21	-15.19	33.06	9.63	0.08	QP
7	0.708	31.07	46.00	-14.93	21.05	9.63	0.10	Average
8	0.708	39.40	56.00	-16.60	29.38	9.63	0.10	QP
9	1.032	27.19	46.00	-18.81	17.12	9.63	0.12	Average
10	1.032	32.67	56.00	-23.33	22.60	9.63	0.12	QP
11	4.598	20.59	46.00	-25.41	10.25	9.66	0.31	Average
12	4.598	33.73	56.00	-22.27	23.39	9.66	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	Charging	Test Freq. (MHz)	---
Power Phase	Neutral		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.159	37.28	55.52	-18.24	27.44	9.66	0.05	Average
2	0.159	43.39	65.52	-22.13	33.55	9.66	0.05	QP
3*	0.276	36.54	50.94	-14.40	26.66	9.65	0.07	Average
4	0.276	41.58	60.94	-19.36	31.70	9.65	0.07	QP
5	0.466	26.31	46.58	-20.27	16.39	9.65	0.09	Average
6	0.466	34.25	56.58	-22.33	24.33	9.65	0.09	QP
7	0.708	28.08	46.00	-17.92	18.14	9.65	0.10	Average
8	0.708	35.33	56.00	-20.67	25.39	9.65	0.10	QP
9	1.049	24.02	46.00	-21.98	14.05	9.65	0.12	Average
10	1.049	30.89	56.00	-25.11	20.92	9.65	0.12	QP
11	4.430	20.18	46.00	-25.82	9.93	9.68	0.30	Average
12	4.430	31.73	56.00	-24.27	21.48	9.68	0.30	QP

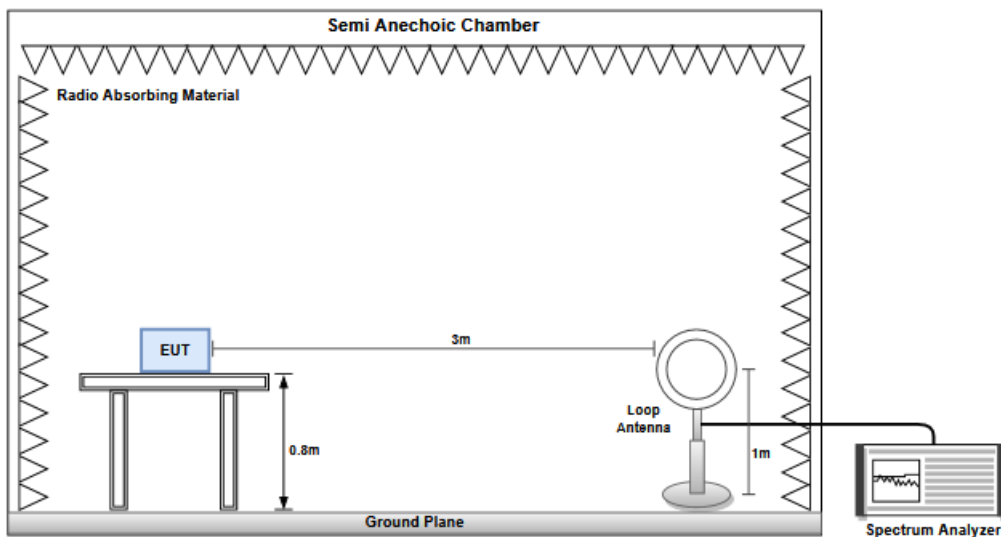
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.2 20dB and Occupied Bandwidth

3.2.1 Test Procedures

1. Set resolution bandwidth (RBW) = 10 kHz, Video bandwidth = 30 kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20dB relative to the maximum level measured in the fundamental emission.

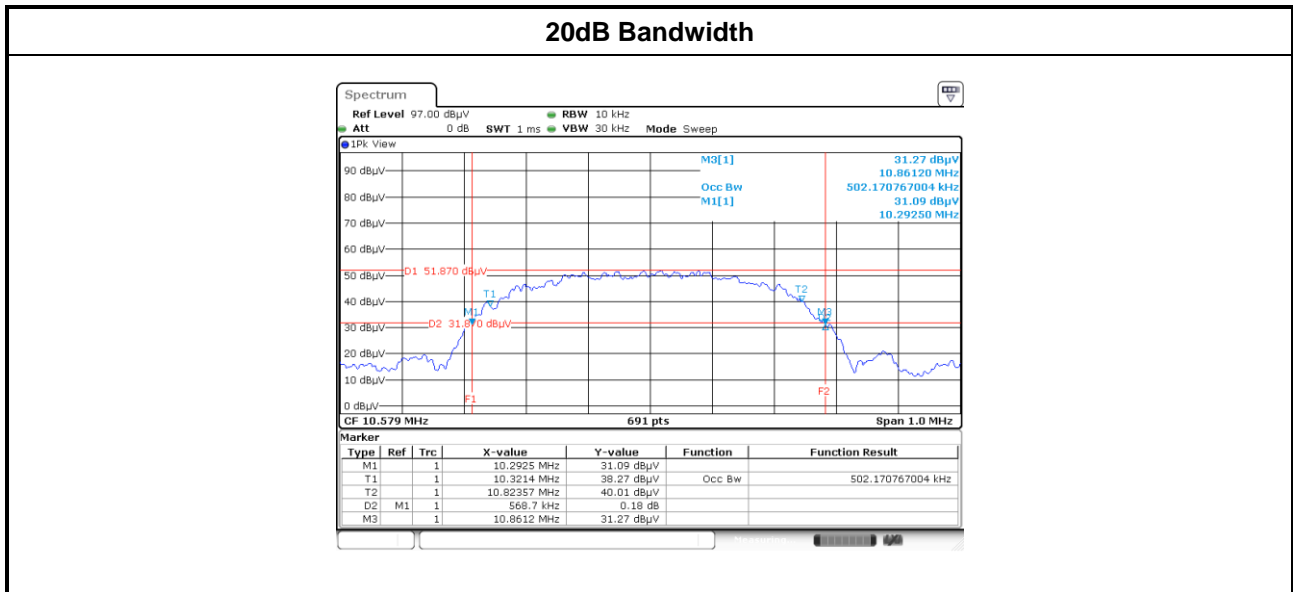
3.2.2 Test Setup



3.2.3 Test Result of 20dB and Occupied Bandwidth

Ambient Condition	24°C / 64%	Tested By	Akun Chung
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Modulation Mode	Freq. (MHz)	20dB Bandwidth (kHz)	F _L at 20dB BW (MHz)	F _H at 20dB BW (MHz)	99% Bandwidth (kHz)
8-DPSK	10.579	568.7	10.2925	10.8612	502.170767



3.3 Radiated Emissions

3.3.1 Limit of Radiated Emissions

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29.54	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Limit Extrapolation

Measurement distance below 30 MHz is not at 30 meters thus the limit is extrapolated as below formula

$$FS_{\text{limit}} = FS_{\text{max}} - 40 \log \left(\frac{d_{\text{near field}}}{d_{\text{measure}}} \right) - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{near field}}} \right)$$

FS_{limit} is the calculation of field strength at the limit distance, expressed in dB μ V/m

FS_{max} is the measured field strength, expressed in dB μ V/m

$d_{\text{near field}}$ is the $\lambda/2\pi$ distance

d_{measure} is the distance of the measurement point from the EUT

d_{limit} is the reference limit distance

3.3.2 Test Procedures

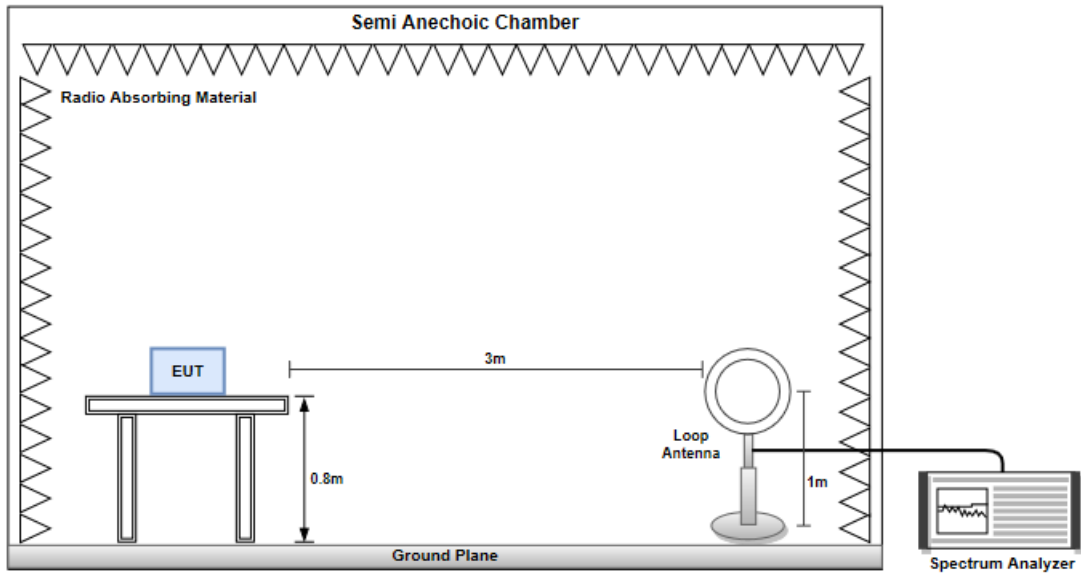
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

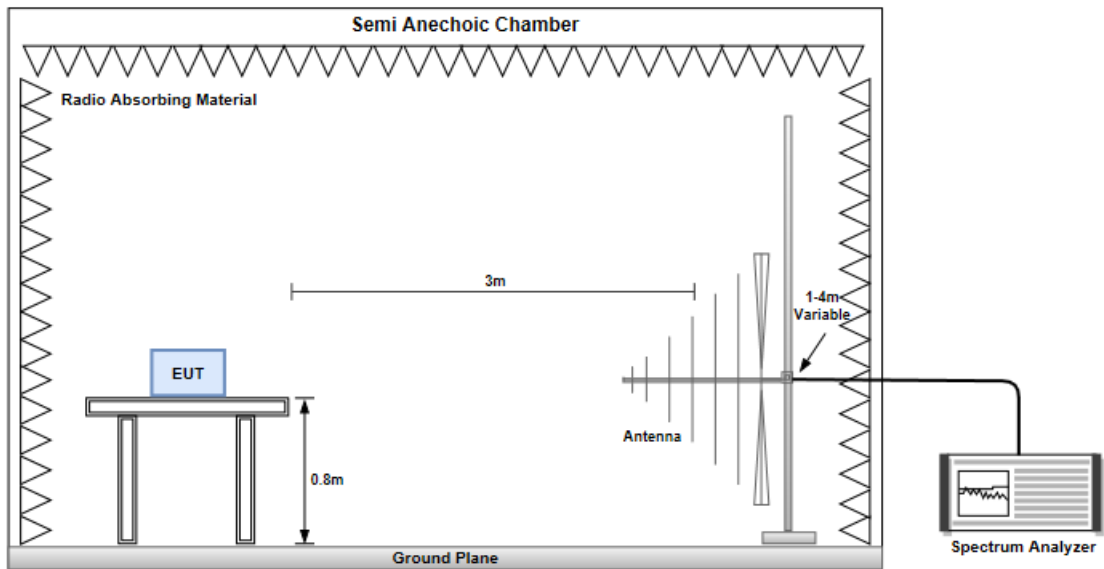
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.

3.3.3 Test Setup

Radiated Emissions below 30MHz



Radiated Emissions below 1 GHz



Test Configuration 1: Battery mode

3.3.4 Transmitter Radiated Unwanted Emissions (9kHz ~ 30MHz)

Ambient Condition	24°C / 64%	Tested By	Akun Chung
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Polarization		Loop Open					
Frequency (MHz)		Emission Level dBuV/m	Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV/m)	Factor	Remark
1	7.26	34.88	56.36	-21.48	12.93	21.95	QP
2	10.579	41.20	53.09	-11.89	18.21	22.99	QP
3	21.05	33.15	49.54	-16.39	11.50	21.65	QP

Polarization		Loop Close					
Frequency (MHz)		Emission Level dBuV/m	Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV/m)	Factor	Remark
1	7.23	34.58	56.40	-21.82	12.64	21.94	QP
2	10.579	37.67	53.09	-15.42	14.68	22.99	QP
3	21.22	33.44	49.54	-16.10	11.84	21.60	QP

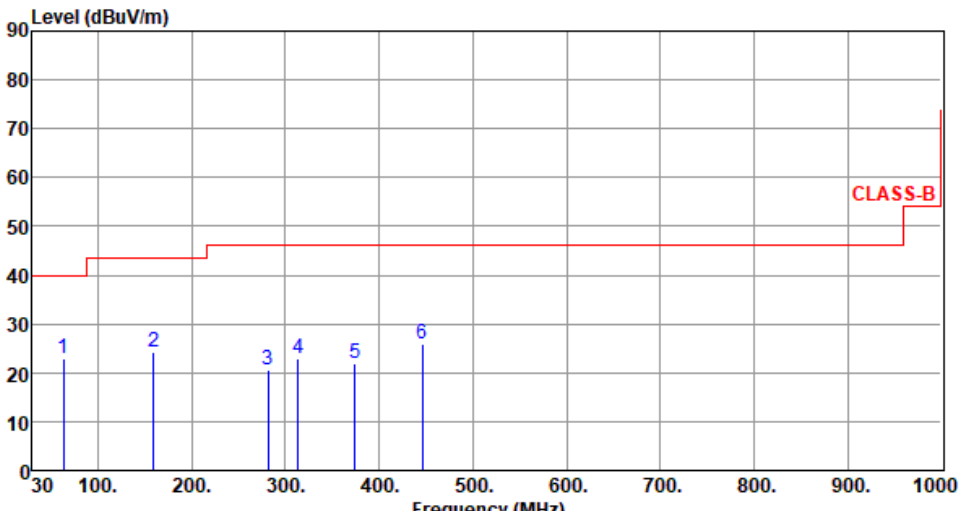
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB).

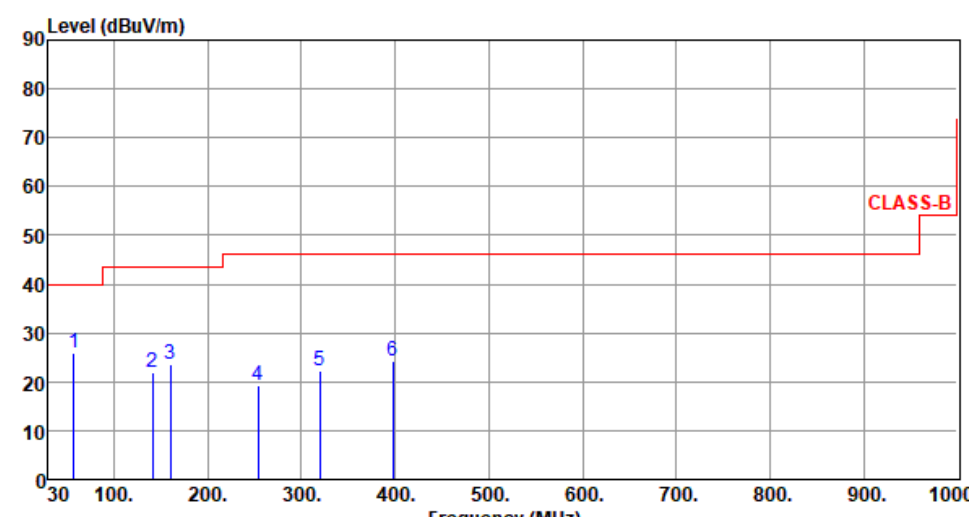
*Factor includes antenna factor and cable loss.

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Test Configuration 1: Battery mode

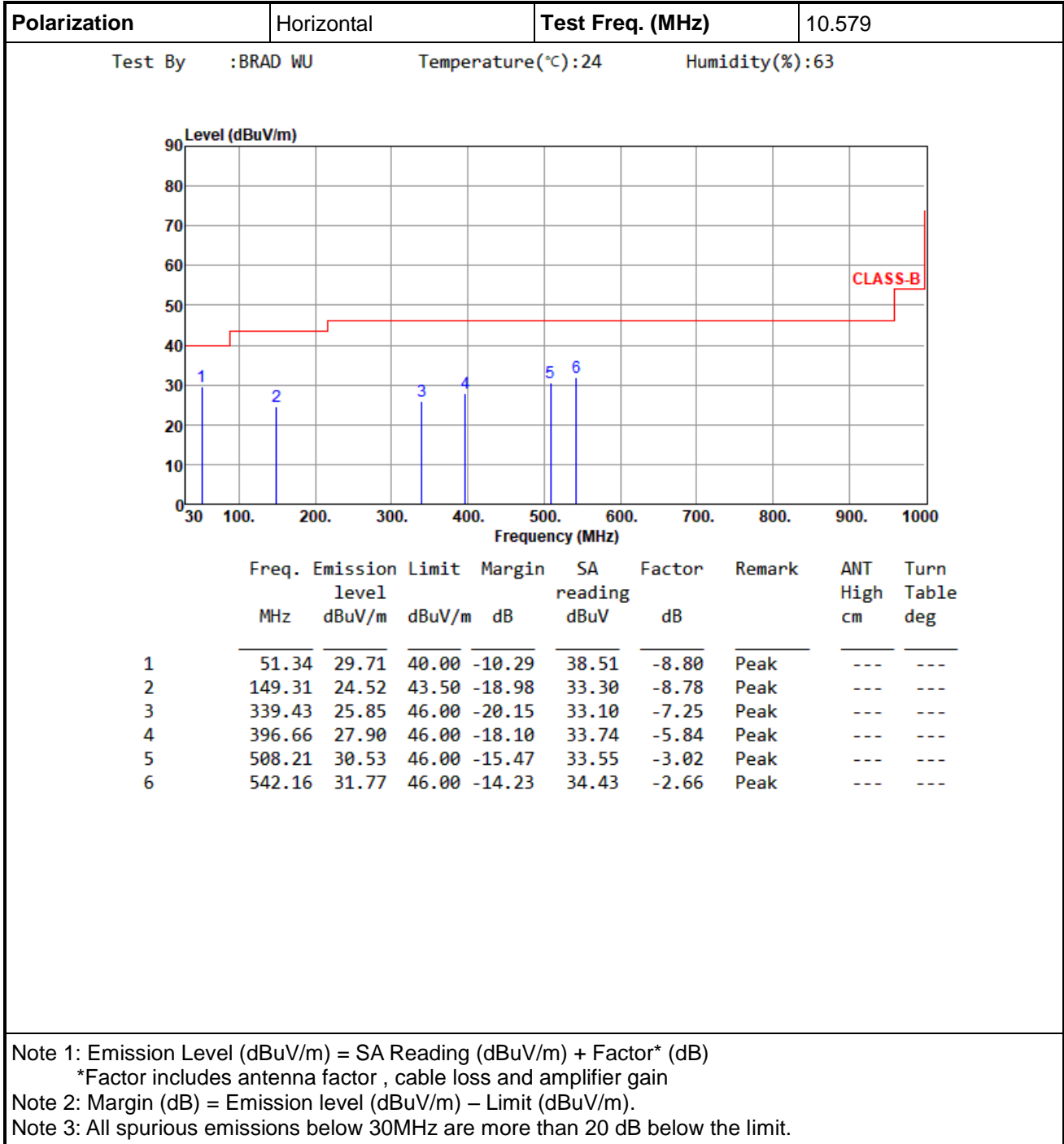
3.3.5 Transmitter Radiated Unwanted Emissions (Above 30MHz)

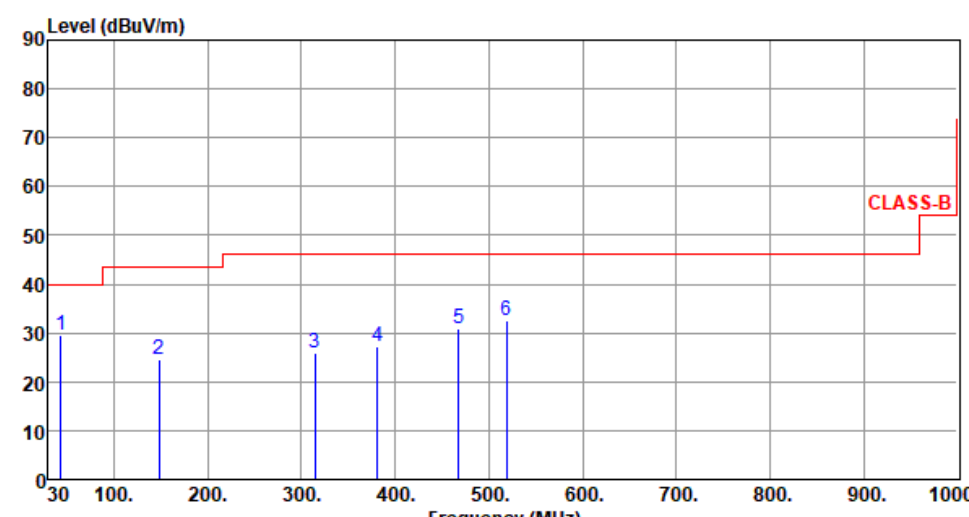
Polarization	Horizontal		Test Freq. (MHz)	10.579					
Test By	:Akun Chung		Temperature(°C):25	Humidity(%):65					
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	63.25	22.85	40.00	-17.15	32.43	-9.58	Peak	---	---
2	159.21	24.25	43.50	-19.25	32.97	-8.72	Peak	---	---
3	281.25	20.63	46.00	-25.37	29.53	-8.90	Peak	---	---
4	313.58	22.83	46.00	-23.17	30.87	-8.04	Peak	---	---
5	374.26	22.02	46.00	-23.98	28.53	-6.51	Peak	---	---
6	445.85	25.87	46.00	-20.13	29.88	-4.01	Peak	---	---
<p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m)</p>									

Polarization	Vertical	Test Freq. (MHz)	10.579						
Test By :Akun Chung Temperature(°C):25 Humidity(%):65									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	57.22	25.96	40.00	-14.04	34.83	-8.87	Peak	---	---
2	141.52	21.85	43.50	-21.65	30.93	-9.08	Peak	---	---
3	159.85	23.63	43.50	-19.87	32.35	-8.72	Peak	---	---
4	254.25	19.33	46.00	-26.67	29.33	-10.00	Peak	---	---
5	319.52	22.22	46.00	-23.78	30.07	-7.85	Peak	---	---
6	397.52	24.36	46.00	-21.64	30.16	-5.80	Peak	---	---
<p>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m)</p>									

Test Configuration 2: Charging mode

3.3.6 Transmitter Radiated Unwanted Emissions (Above 30MHz)



Polarization	Vertical	Test Freq. (MHz)	10.579																																																																													
Test By :BRAD WU Temperature(°C):24 Humidity(%):63																																																																																
																																																																																
	<table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>43.58</td> <td>29.40</td> <td>40.00</td> <td>-10.60</td> <td>37.98</td> <td>-8.58</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>2</td> <td>148.34</td> <td>24.67</td> <td>43.50</td> <td>-18.83</td> <td>33.49</td> <td>-8.82</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>314.21</td> <td>25.84</td> <td>46.00</td> <td>-20.16</td> <td>33.84</td> <td>-8.00</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>381.14</td> <td>27.35</td> <td>46.00</td> <td>-18.65</td> <td>33.60</td> <td>-6.25</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>467.47</td> <td>30.90</td> <td>46.00</td> <td>-15.10</td> <td>34.64</td> <td>-3.74</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>6</td> <td>518.88</td> <td>32.69</td> <td>46.00</td> <td>-13.31</td> <td>35.44</td> <td>-2.75</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table>	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg	1	43.58	29.40	40.00	-10.60	37.98	-8.58	Peak	---	2	148.34	24.67	43.50	-18.83	33.49	-8.82	Peak	---	3	314.21	25.84	46.00	-20.16	33.84	-8.00	Peak	---	4	381.14	27.35	46.00	-18.65	33.60	-6.25	Peak	---	5	467.47	30.90	46.00	-15.10	34.64	-3.74	Peak	---	6	518.88	32.69	46.00	-13.31	35.44	-2.75	Peak	---							
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Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																																

4 Photographs of EUT

Please refer to Photographs of EUT, reference No. EP060501.

5 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

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Taiwan, R.O.C.

Kwei Shan

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333, Taiwan, R.O.C.

Kwei Shan Site II

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd
St., Kwei Shan District, Tao Yuan
City 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information.

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==END==