

TEST REPORT

T-	I ATITUDE I IMITED		T = -					
То:	LATITUDE LIMITED		То:	-				
Attn:	Kam Kwok		Attn:	-				
Address:	7/F., Southeast Industrial Building, 611-6 Castle Peak Road, Tsuen Wan, N.T.,	19	Address:	-				
Fov:	Hong Kong (852)2494 0993		Fov:					
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Folder No.:		T 150	E052ETHS-B	-				
Folder No	LA	1-155	EU32E1П3-D					
Factory name:	y name:							
Location:								
Product:			Wrist band L: D02J72					
•			Sample No:	HK150904/020				
		į	Test Date(s):	September 23, 2015				
	0 10		Test Requested:	FCC Part 15.247				
			Test Method:	ANSI C63.4 – 2009				
			FCC ID:	WM4808				
The results	given in this report are related to the test	ed sp	ecimen of the des	cribed electrical apparatus.				
CONCLUSION:	The submitted sample was found to CO	MPLY	with requirement	of FCC Part 15 Subpart C.				
	Authorized	Signat	ure:					
Reviewed by K	Reviewed by: Keith Yeung Approved by: Law Man Kit							
	2015 r	Jata. (reu by. Law Mail Ki October 2, 2015	· ·				
Date: October 2, 2015 Date: October 2, 2015								

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888

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Test Result Summary

EMISSION TEST						
Test requirement: FCC Part 15 – 2012						
Took Constitions	To at Mathead	Test	Result			
Test Condition	Test Method	Pass	Failed			
Conducted Emission Test,	ANSI C63.4					
0.15MHz to 30MHz						
Radiated Emission Test,	ANSI C63.4					
9kHz to 40GHz						
6dB bandwidth	ANSI C63.4	\boxtimes				
Conducted Output power	ANSI C63.4	\boxtimes				
Power Spectral Density	ANSI C63.4	\boxtimes				
Out of band Emission Measurement	ANSI C63.4					

Report Revision & Sample Re-submit History:

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Test Laboratory & Test Instruments List

Radiated and Conducted emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009. An Open Area Test Site and Full Anechoic Chamber (FCC Listed Site, Registration No. HK0009) are set up for investigation and located at:

BUREAU VERITAS HONG KONG LIMITED, EMC CENTRE

No. 2106-2107, 21/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Instrument List

Conducted Emission

EQUIPMENT	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CALIBRATION	CALIBRATION DUE
EMI TEST RECEIVER	R&S	ESCI	100379	21-JAN-2015	20-JAN-2016
LISN	R&S	ENV216	100024	16-SEP-2015	15-SEP-2016

Radiated Emission

EQUIPMENT	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CALIBRATION	CALIBRATION DUE
EMI TEST RECEIVER	R&S	ESCI	100379	21-JAN-2015	20-JAN-2016
SPECTRUM ANALYZER	R&S	R3127	111000909	26-MAR-2015	25-MAR-2016
LOOP ANTENNA	ETS LINDGREN	6502	00102266	28-SEP-2014	27-SEP-2015
BILOG ANTENNA	SCHAFFNER	CBL6112D	25229	02-JAN-2015	02-JAN-2016
HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D-692	27-DEC-2014	26-DEC-2015
OPEN AREA TEST SITE	BVCPS	N/A	N/A	06-JUL-2015	05-JUL-2016
ANECHOIC CHAMBER	ALBATROSS	M-CDC	80374004499B	05-FEB-2014	03-FEB-2016
COAXIAL CABLE	HUBER + SUHNER	RG223	N/A	23-DEC-2014	22-DEC-2015
COAXIAL CABLE	HUBER + SUHNER	RG214	N/A	23-DEC-2014	22-DEC-2015
Signal Analyzer 40GHz	Rohde & Schwarz	FSV 40	100977	13-MAY-2015	12-MAY-2016
Wideband Horn Antenna 18 to 40GHz	STEATITE	QWH-SL-18-40-K-SG	12688	03-SEP-2015	02-SEP-2016
High frequency RF cable	Rohde & Schwarz	N/A	N/A	14-SEP-2015	13-SEP-2016

Remarks: -

N/A: Not Applicable or Not Available

Measurement Uncertainty

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz to 30MHz	2.9dB
	9kHz to 30MHz	4.2dB
Radiated emissions	30MHz to 1GHz	5.0dB
Radiated emissions	1GHz to 18GHz	4.9dB
	18GHz to 40GHz	4.8dB

The measurement instrumentation uncertainty would be taking into consideration on each of the test result

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DESCRIPTION OF SUPPORT UNITS

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.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	PC	DELL	DCSM	SC94JBX	CE & FCC DoC Approved
2	LCD MONITOR	DELL	E178WFPC	CN-0G349J64180- 88T-5PYL-A00	CE & FCC DoC Approved
3	KEYBOARD	DELL	L100	CN0RH659658084B 02NV	CE & FCC DoC Approved
4	MOUSE	DELL	MOA8BO	H0T00H92	CE & FCC DoC Approved
5	PRINTER	EPSON	B163A	ELPK004488	CE & FCC DoC Approved

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	VGA Cable, Shielded, with core, 0.8m
2	USB Cable, Shielded, with core, 1.5m
3	USB Cable, Shielded, without core, 1.5m
4	Parallel Cable, Shielded, without core, 1.5m
5	USB Cable, Shielded, with core, 0.3m

NOTE: All power cords of the above support units are non-shielded (1.8m).



Equipment Under Test [EUT]

Description of Sample:

Model Name: OLED Wrist band

Model Number: D02J72

Additional Model Name: -Additional Model Number: -Additional Model information: --

Rating: 3.7Vd.c. ("Rechargeable Battery" x 1)

Computer: 120Va.c., 60Hz

Description of EUT Operation:

The Equipment Under Test (EUT) is a **LATITUDE LIMITED** of Remote Control Transceiver. It is a 2 buttons transceiver and operating at 2402MHz to 2480MHz. The lowest, middle and highest frequencies were tested and the results are shown in the report. The EUT transmit while connect with smartphone, Modulation by IC, and type is BT-LE (GFSK).

There are total 40 channels and below is the frequency list (MHz):

ch.no	freq.	ch.no	freq.	ch.no	freq.	ch.no	freq.
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

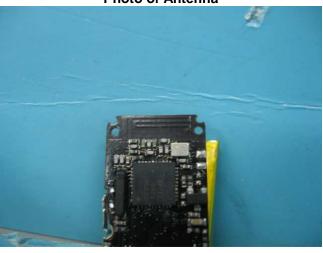
The transmitter has different control:

- 1. Menu buttons select difference operation mode
- 2. Reset buttons reset system

Antenna Requirement (Section 15.203)

The EUT is use of a permanently antenna. It is the PCB trace. The antenna is not replaceable or user serviceable. The requirements of S15.203 are met. There are no deviations or exceptions to the specifications.

Photo of Antenna



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Test Results

Conducted Emissions (150kHz to 30MHz)

Test Requirement: FCC Part 15 Section 15.207

Test Method:
Level:

ANSI C63.4
Class B

Test Date(s):

2015-09-23

Temperature:

Humidity:

Atmospheric Pressure:

ANSI C63.4
Class B

2015-09-23

100.6 kPa

Mode of Operation: Transmission mode

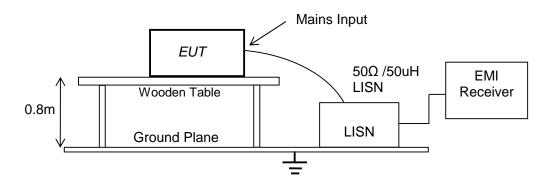
Tested Voltage: Computer: 120Va.c., 60Hz

Test Method:

Initial measurements were performed in peak and average detection modes on the live line, any emissions recorded within 30dB of the relevant limit lines were re-measured using quasi-peak and average detection on the live and neutral lines with the worst case recorded in the table of results.

Location: No. 603, 6/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup:



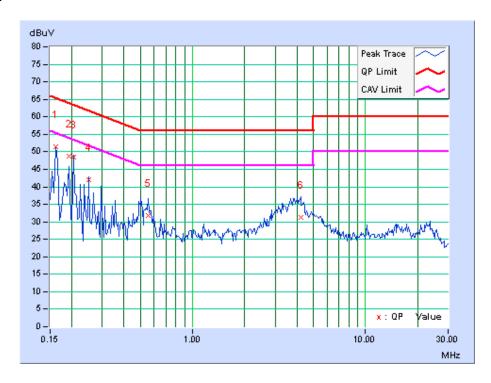


Measurement Data: Live

Test Result of (Transmission mode): PASS

Results and limit lines for Conducted Emission:

Limits for Conducted Emission Test, please refer to limit lines (Quasi-Peak and Average) in the following diagram.





Results and limit lines for Conducted Emission:

Limits for Conducted Emission Test, please refer to limit lines (Quasi-Peak and Average) in the following

Frequency	QuasiPeak	Bandwidth	Line	Margin	Limit
(MHz)	(dBµV)	(kHz)		(dB)	(dBµV)
0.16172	51.56	9.000	L1	-13.81	65.38
0.19297	48.80	9.000	L1	-15.11	63.91
0.20469	48.43	9.000	L1	-14.99	63.42
0.25156	41.96	9.000	L1	-19.75	61.71
0.55625	31.65	9.000	L1	-24.35	56.00
4.22266	31.35	9.000	L1	-24.65	56.00

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Margin (dB)	Limit (dBµV)
0.16172	33.70	9.000	L1	-21.67	55.38
0.19297	30.24	9.000	L1	-23.67	53.91
0.20469	33.79	9.000	L1	-19.63	53.42
0.25156	27.74	9.000	L1	-23.97	51.71
0.55625	24.63	9.000	L1	-21.37	46.00
4.22266	24.65	9.000	L1	-21.35	46.00

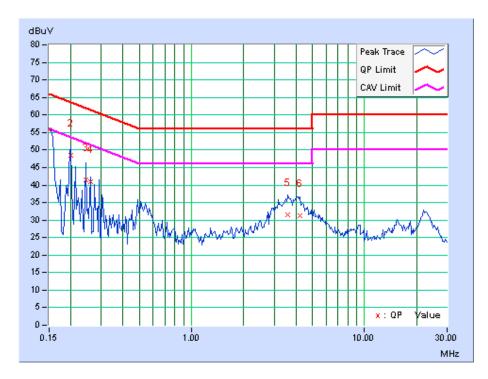


Measurement Data: Neutral

Test Result of (Transmission mode): PASS

Results and limit lines for Conducted Emission:

Limits for Conducted Emission Test, please refer to limit lines (Quasi-Peak and Average) in the following diagram.





Results and limit lines for Conducted Emission:

Limits for Conducted Emission Test, please refer to limit lines (Quasi-Peak and Average) in the following

Frequency	QuasiPeak	Bandwidth	Line	Margin	Limit
(MHz)	(dBµV)	(kHz)		(dB)	(dBµV)
0.15000	55.73	9.000	N	-10.27	66.00
0.20078	48.48	9.000	N	-15.10	63.58
0.24375	41.58	9.000	N	-20.39	61.97
0.25938	40.84	9.000	N	-20.62	61.45
3.60938	31.39	9.000	N	-24.61	56.00
4.23438	31.36	9.000	N	-24.64	56.00

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Margin (dB)	Limit (dBµV)
0.15000	41.25	9.000	N	-14.75	56.00
0.20078	33.22	9.000	N	-20.36	53.58
0.24375	24.90	9.000	N	-27.07	51.97
0.25938	26.18	9.000	N	-25.28	51.45
3.60938	24.01	9.000	N	-21.99	46.00
4.23438	24.56	9.000	N	-21.44	46.00



Radiated Emissions (9kHz - 1GHz)

Test Requirement: FCC Part 15 Section 15.209

Test Method: ANSI C63.4
Test Date(s): 2015-09-23

Temperature: 28.0 °C Humidity: 55.0 % Atmospheric Pressure: 100.4 kPa

Mode of Operation: Transmission mode

Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Test Method:

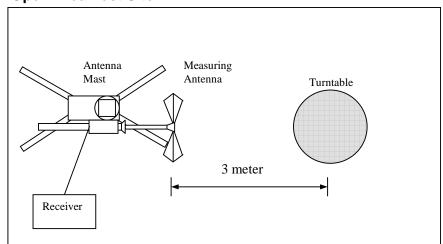
Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009.

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 1m and 0.8m high above the ground. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using new battery. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.

Location: The Roof, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup: Open Area Test Site



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Limits for Radiated Emissions [FCC 47 CFR 15.209]:

Frequency Range	Quasi-Peak Limits
[MHz]	[μV/m]
1.705-30	300
30-88	100
88-216	150
216-960	200
Above960	500

Measurement Data

Test Result of (Transmission mode): PASS

Detection mode: Quasi-Peak

Frequency (MHz)	Polarity (H/V)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
30.00	Н	27.70	40.00	-12.30
58.12	Н	15.84	40.00	-24.16
148.09	Н	11.22	43.50	-32.28
260.55	Н	12.84	46.00	-33.16
447.52	Н	18.46	46.00	-27.54
537.49	Н	22.73	46.00	-23.27

Frequency (MHz)	Polarity (H/V)	Field Strength at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
30.00	V	24.82	40.00	-15.18
56.71	V	21.52	40.00	-18.48
171.99	V	11.71	43.50	-31.79
308.35	V	16.11	46.00	-29.89
541.71	V	20.46	46.00	-25.54
668.23	V	22.36	46.00	-23.64

Note: Field Strength includes Antenna Factor and Cable Loss.

Receiver setting: RBW = 120KHz

VBW = 120KHz



Radiated Emissions (Spurious Emission, 1GHz - 25GHz)

Test Requirement: FCC Part 15 Section 15.209

Test Method: ANSI C63.4
Test Date(s): 2015-09-23

Temperature: $28.0\,^{\circ}\text{C}$ Humidity: $55.0\,\%$ Atmospheric Pressure: $100.4\,\text{kPa}$

Mode of Operation: Transmission mode

Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Measurement Data:

Test Result of (Transmission mode, Channel 0): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBµV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
2390.00	Н	0.39	50.1	74.0	-23.9	36.8	54.0	-17.2
*2402.00	Н	0.42	89.0	N/A	N/A	88.1	N/A	N/A
#4804.00	Н	6.52	51.6	74.0	-22.4	37.2	54.0	-16.8
7206.00	Н	10.80	54.2	69.0	-14.8	40.3	68.1	-27.8

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBµV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
2390.00	V	0.39	49.8	74.0	-24.2	35.9	54.0	-18.1
*2402.00	V	0.42	82.3	N/A	N/A	80.9	N/A	N/A
#4804.00	V	6.52	51.0	74.0	-23.0	39.8	54.0	-14.2
7206.00	V	10.8	53.1	62.3	-9.2	40.1	60.9	-20.8

Note:

Field Strength includes Antenna Factor, Cable Loss and Preamplifier gain

The other emission levels were very low against the limit

#: Restricted band of Section15.205, Section15.209 limits is applied

*: Fundamental frequency

Receiver setting (1GHz to 40GHz): RBW = 1MHz

VBW = 1MHz



Measurement Data:

Test Result of (Transmission mode, Channel 19): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
*2440.00	Н	0.51	87.6	N/A	N/A	87.1	N/A	N/A
#4880.00	Η	6.75	52.9	74.0	-21.1	40.5	54.0	-13.5
#7320.00	Н	10.80	55.1	74.0	-18.9	41.2	54.0	-12.8

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBµV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
*2440.00	V	0.51	80.6	N/A	N/A	79.5	N/A	N/A
#4880.00	V	6.75	51.6	74.0	-22.4	40.2	54.0	-13.8
#7320.00	V	10.80	53.6	74.0	-20.4	41.1	54.0	-12.9

Note:

Field Strength includes Antenna Factor, Cable Loss and Preamplifier gain The other emission levels were very low against the limit

#: Restricted band of Section15.205, Section15.209 limits is applied

*: Fundamental frequency

Receiver setting (1GHz to 40GHz): RBW = 1MHz VBW = 1MHz



Measurement Data:

Test Result of (Transmission mode, Channel 39): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBµV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
*2480.00	Н	0.60	86.2	N/A	N/A	84.8	N/A	N/A
2483.50	Н	0.61	50.9	74.0	-23.1	38.0	54.0	-16.0
#4960.00	H	6.99	52.3	74.0	-21.7	40.1	54.0	-13.9
#7440.00	Н	10.80	54.6	74.0	-19.4	41.2	54.0	-12.8

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Field Strength at 3m – Peak (dBµV/m)	Limit at 3m – Peak (dBµV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBµV/m)	Limit at 3m – Average (dBµV/m)	Margin - Average (dB)
*2480.00	V	0.60	79.6	N/A	N/A	78.2	N/A	N/A
2483.50	V	0.61	45.6	74.0	-28.4	33.1	54.0	-20.9
#4960.00	V	6.99	52.8	74.0	-21.2	39.6	54.0	-14.4
#7440.00	V	10.80	53.8	74.0	-20.2	40.1	54.0	-13.9

Note:

Field Strength includes Antenna Factor, Cable Loss and Preamplifier gain

The other emission levels were very low against the limit

#: Restricted band of Section15.205, Section15.209 limits is applied

*: Fundamental frequency

Receiver setting (1GHz to 40GHz):

RBW = 1MHz VBW = 1MHz



6dB Bandwidth Measurement

Test Requirement: FCC Part 15 Section 15.247(a) (2)

Test Method: ANSI C63.4
Test Date(s): 2015-09-23

Temperature: $24.0\,^{\circ}\text{C}$ Humidity: $52.0\,^{\circ}\text{M}$ Atmospheric Pressure: $100.2\,^{\circ}\text{kPa}$

Mode of Operation: Transmission mode

Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Test Method:

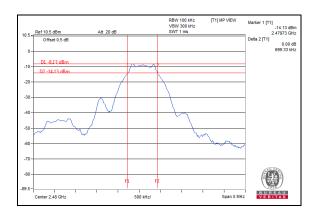
The bandwidth is measured at an amplitude level reduced from the reference level by a specified ratio. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

Location: No. 2106-2107, 21/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Limits for 6dB Bandwidth of Fundamental Emission:

The minimum of 6dB Bandwidth Measurement is 0.5MHz

Channel	Channel Frequency	6dB Bandwidth	Minimum Limit
	[MHz]		[MHz]
0	2402	0.692	0.5
19	2440	0.698	0.5
39	2480	0.699	0.5





Maximum Peak Conducted Output Power

Test Requirement: FCC Part 15 Section 15.247(b) (1)

Test Method: 558074 DTS v03r03

Test Date(s): 2015-09-23

 $\begin{array}{ll} \mbox{Temperature:} & 24.0\ ^{\circ}\mbox{C} \\ \mbox{Humidity:} & 52.0\ \% \\ \mbox{Atmospheric Pressure:} & 100.2\ \mbox{kPa} \end{array}$

Mode of Operation: Transmission mode

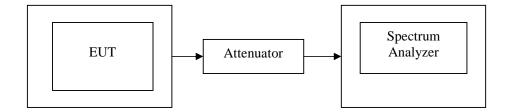
Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Test Method:

The Transmitter output was connected to the Spectrum analyzer through an attenuator. The center frequency of the spectrum analyzer is set to the fundamental frequency and using 100 kHz RBW and 300 kHz VBW.

Location: No. 2106-2107, 21/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup:





Limits for Maximum Peak Conducted Output Power [FCC 47CFR 15.247(b)(1)]:

Frequency Range of	Maximum Peak Conducted	Maximum Peak	
Fundamental	Output Power	Conducted Output Power	
	(Peak)	(Peak)	
[MHz]	[Watts]	[dBm]	
2400-2483.5	1	30	

Measurement Data

Test Result of (Transmission mode): PASS

Detection mode: Peak

Channel	Frequency	Attenuator	Peak Output	Peak Output	Limit of Peak
	(MHz)	(dB)	Power	Power	Power
			(mW)	(dBm)	(dBm)
0	2402	10	0.318	-4.98	30.0
19	2440	10	0.277	-5.58	30.0
39	2480	10	0.228	-6.42	30.0



Power Spectral Density Measurement

Test Requirement: FCC Part 15 Section 15.247(e)

Test Method: 558074 DTS v03r03

Test Date(s): 2015-09-23

Temperature: 24.0 °C

Humidity: 52.0 %

Atmospheric Pressure: 100.2 kPa

Mode of Operation: Transmission mode

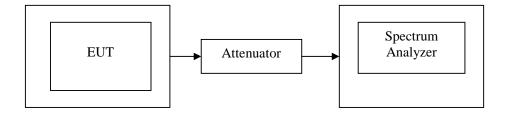
Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Test Method:

The Transmitter output was connected to the Spectrum analyzer through an attenuator. The center frequency of the spectrum analyzer is set to the fundamental frequency and using 3 kHz RBW and 10 kHz VBW

Location: No. 2106-2107, 21/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup:





Limits for Power Spectral Density Measurement [FCC 47CFR 15.247(e)]:

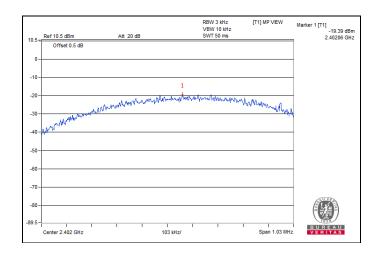
The Maximum of Power Spectral Density Measurement is 8dBm/3kHz

Measurement Data

Test Result of (Transmission mode): PASS

Detection mode: Peak

Channel	Frequency (MHz)	Attenuator (dB)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
0	2402	10	-19.39	8
19	2440	10	-20.00	8
39	2480	10	-20.20	8





Out of Band Emission Measurement

Test Requirement: FCC Part 15 Section 15.247(d)

Test Method: 558074 DTS v03r03

Test Date(s): 2015-09-23

Temperature: 24.0 °C

Humidity: 52.0 %

Atmospheric Pressure: 100.2 kPa

Mode of Operation: Transmission mode

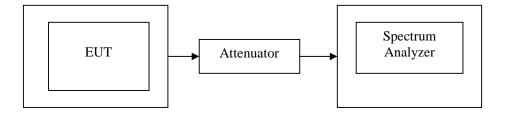
Tested Voltage: 3.7Vd.c. ("Rechargeable battery" x 1)

Test Method:

The Transmitter output was connected to the Spectrum analyzer through an attenuator. The center frequency of the spectrum analyzer is set to the fundamental frequency and using 100 kHz RBW and 300 kHz VBW.

Location: No. 2106-2107, 21/F., Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup:



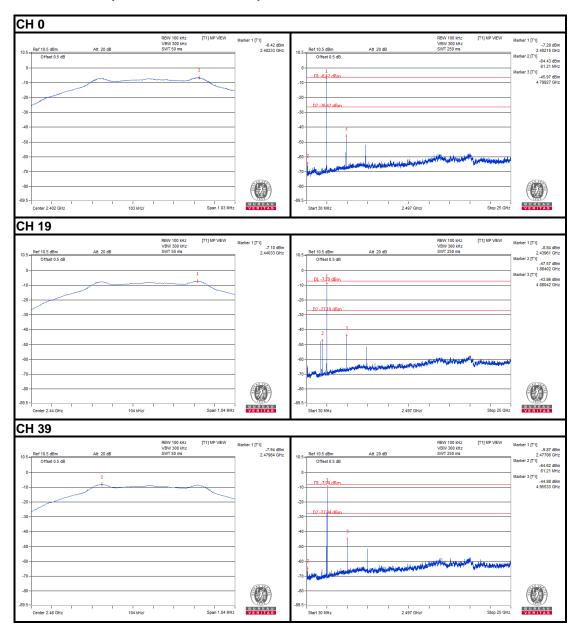


Limits for Out of Band Emission Measurement [FCC 47CFR 15.247(d)]:

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth)

Measurement Data

Test Result of (Transmission mode): PASS



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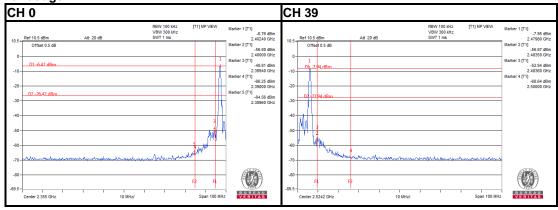
This report is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. Our report is limited to the test samples identified herein. The results set forth in this report are not necessarily indicative or representative of the statistical quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof. You shall have thirty days from receipt of this report to request additional testing of the samples or to notify us of any errors or omissions relating to our report provided, however, such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Measurement Data

Test Result of (Transmission mode): PASS

Bandedge





Photographs of EUT

Front View of the product



Top View of the product



Side View of the product



Rear View of the product



Bottom View of the product



Side View of the product





Photographs of EUT

Internal View of the product



Inner Circuit Top View



Antenna



Internal View of the product



Inner Circuit Bottom View



USB Charger





Measurement of Radiated Emission Test Set Up



Measurement of Conducted Output Power Test Set Up





Measurement of Conducted Emission Test Set Up





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