Prüfbericht-Nr.: *Test report No.:*	**50088222 001**	**Auftrags-Nr.:** *Order No.:*	164096210	Seite 1 von 30 *Page 1 of 30*
Kunden-Referenz-Nr.: *Client reference No.:*	N/A	**Auftragsdatum:** *Order date:*	06.09.2017	
Auftraggeber: *Client:*	**Country Mate Technology Ltd.** 5/F, Blk E, Hing Yip Center. 31 Hing Yip Street, Kwun Tong, Kln, Hong Kong			
Prüfgegenstand: *Test item:*	Bluetooth Around Neck Headset with Noise Cancellation-Silver			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	NS-CAHBTEBNC-S, NS-CAHBTEBNC-S-C (Trademark: INSIGNIA)			
Auftrags-Inhalt: *Order content:*	FCC and IC approval			
Prüfgrundlage: *Test specification:*	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 FCC KDB Publication 447498 v06		RSS-247 Issue 2 February 2017 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015 ICES-003 Issue 6 January 2016	

Wareneingangsdatum: *Date of receipt:*	09.06.2017	Please refer to photo documents
Prüfmuster-Nr.: *Test sample No.:*	A000562480-003 to 005	
Prüfzeitraum: *Testing period:*	21.06.2017 - 25.06.2017	
Ort der Prüfung: *Place of testing:*	Accurate Technology Co., Ltd.	
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.	
Prüfergebnis*: *Test result*:*	Pass	

geprüft von / *tested by:*

Alex Lan

Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*
12.07.2017	Alex Lan / Project Engineer	

kontrolliert von / *reviewed by:*

Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*
12.07.2017	Owen Tian / Technical Certifier	

Sonstiges / *Other:*

FCC ID: MV3-CAHBTEBNC
IC: 9029A-CAHBTEBNC, HVIN: NS-CAHBTEBNC-S-C

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:*	Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged:*

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhalt
	P(ass) = entspricht o.g. Prüfgrundlage(n)		F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
Legend:	1 = very good	2 = good	3 = satisfactory	4 = sufficient	5 = poor
	P(ass) = passed a.m. test specifications(s)		F(ail) = failed a.m. test specifications(s)	N/A = not applicable	N/T = not tested

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT
RESULT: Passed

5.1.2 PEAK OUTPUT POWER
RESULT: Passed

5.1.3 99% BANDWIDTH
RESULT: Pass

5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHZ BANDWIDTH
RESULT: Passed

5.1.5 SPURIOUS EMISSION
RESULT: Passed

5.1.6 20DB BANDWIDTH
RESULT: Pass

5.1.7 FREQUENCY SEPARATION
RESULT: Passed

5.1.8 NUMBER OF HOPPING FREQUENCY
RESULT: Passed

5.1.9 TIME OF OCCUPANCY
RESULT: Passed

5.1.10 CONDUCTED EMISSIONS
RESULT: Passed

5.1.11 RADIATED EMISSION
RESULT: Passed

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix 1: Test Result

2 Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A-2

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Spurious emission and Radiated emission				
Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	2018-01-06
Test Receiver	Rohde&Schwarz	ESCS30	100307	2018-01-06
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2018-01-09
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2018-01-09
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2018-01-09
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2018-01-09
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2018-01-06
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2018-01-06
Radio Test Suite				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2018-01-06
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2018-01-06
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2018-01-06
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2018-01-06
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2018-01-06

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are ±3dB.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a Bluetooth Around Neck Headset with Noise Cancellation-Silver which supports Bluetooth function.
According to the declaration of the applicant, the electrical circuit design, PCB layout and components used are identical for all models, only the model name is different, model "NS-CAHBTEBNC-S" is for US market, model "NS-CAHBTEBNC-S-C" is for Canada market.
For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	Bluetooth Around Neck Headset with Noise Cancellation-Silver
Type Designation:	NS-CAHBTEBNC-S, NS-CAHBTEBNC-S-C
Trade Mark:	INSIGNIA
FCC ID:	MV3-CAHBTEBNC
IC:	9029A-CAHBTEBNC
HVIN:	NS-CAHBTEBNC-S-C

Table 3: Technical Specification of Bluetooth (BDR & EDR)

Technical Specification	**Value**
Operating Frequency band	2402 – 2480 MHz
Bluetooth Core Version	4.1, single mode
Channel Number	79 channels
Channel separation	1MHz
Extreme Temperature Range	0ºC to +55ºC
Operating Voltage	DC 3.7V, 120mAh via built-in Li-ion Polymer Battery DC 5V, 500mA via Micro USB interface for Charging
Battery	Model: 401230 Ratings: DC 3.7V, 120mAh
Modulation	GFSK, 8DPSK, π/4DQPSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	1.92 dBi

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00		

3.3 Independent Operation Modes

The basic operation modes are:

A. On, Bluetooth Transmitting mode (BDR & EDR)
   1. low channel
   2. middle channel
   3. high channel

B. On, Bluetooth hopping mode
C. On, Play with Aux-in
D. Charging
E. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Technical Description
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014 and ANSI C63.10: 2013.
According to section 3.1, all tests were applied on model NS-CAHBTEBNC-S in this test report.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested with following accessories:

Description	Manufacturer	Type	S/N
iPhone6S PLUS	Apple	ML6D2 CH/A	C35QJ76JGRWM
Notebook	LENOVO	ThinkPad X240	N/A

4.4 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

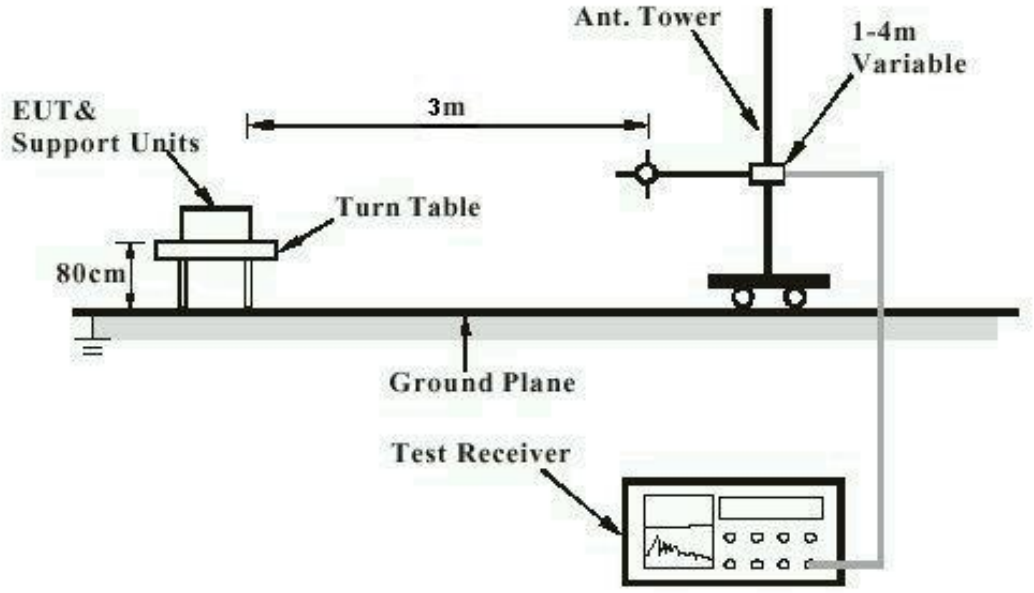


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

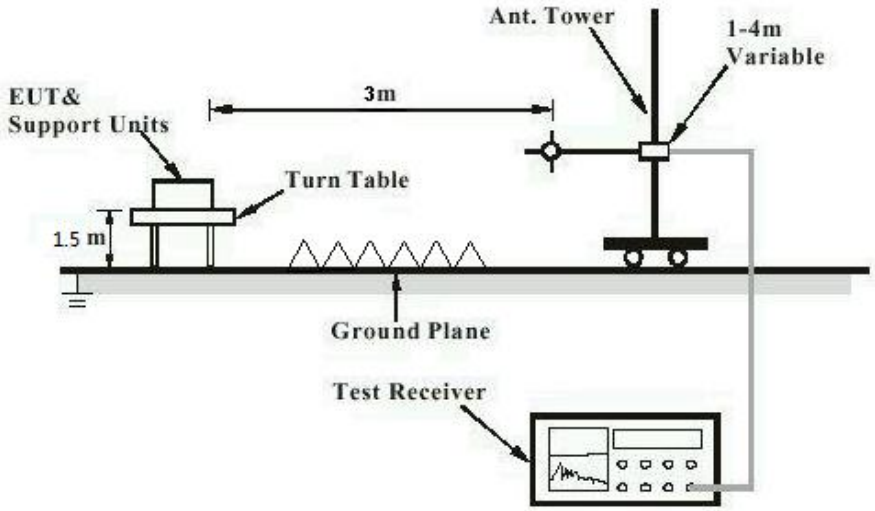


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement

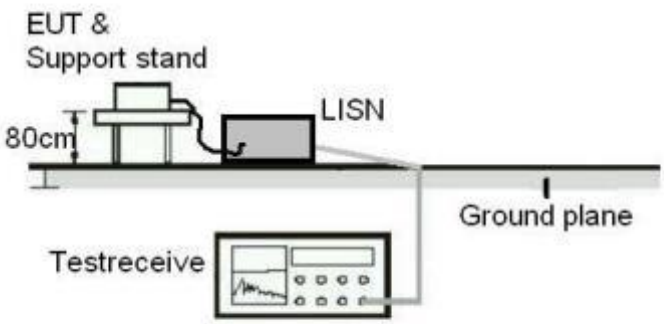
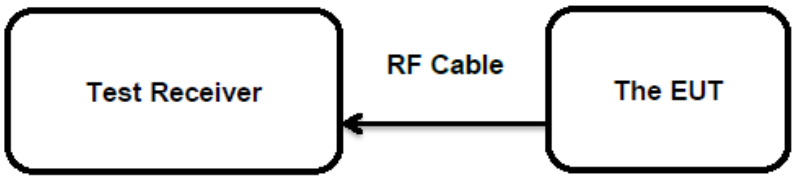


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: **Passed**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen Clause 6.7
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1.92 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT photo for details.

5.1.2 Peak Output Power

RESULT: **Passed**

Test date	:	2017-06-21
Test standard	:	FCC Part 15.247(b)(1) RSS-247 clause 5.4(2)
Basic standard	:	ANSI C63.10: 2013
Limit	:	FHSS < 1 Watts and e.r.i.p. < 4 Watts for IC FHSS < 0.125 Watts for FCC
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Table 5: Test result of Peak Output Power

Test Mode	Channel Frequency (MHz)	Measured Peak Output Power		Limit for FCC (W)	Limit for IC (W)
		(dBm)	(W)		
BDR	2402	-1.46	0.00071	< 0.125	< 1
	2441	1.86	0.00153		
	2480	2.86	0.00193		
EDR	2402	1.87	0.00154	< 0.125	< 1
	2441	0.82	0.00121		
	2480	-2.31	0.00059		

Note: The maximum e.i.r.p. is 4.78 dBm less than 4W.

5.1.3 99% Bandwidth

RESULT: **Pass**

Date of testing	:	2017-06-21
Test standard	:	RSS-Gen clause 6.6
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 6: Test result of 99% Bandwidth

Test Mode	Channel Frequency (MHz)	99% Bandwidth (KHz)	Limit (W)
BDR	2402	999	/
	2441	990	
	2480	999	
EDR	2402	1194	/
	2441	1194	
	2480	1194	

5.1.4 Conducted spurious emissions measured in 100kHz Bandwidth

RESULT: **Passed**

Date of testing	:	2017-06-21
Test standard	:	FCC part 15.247(d) RSS-247 clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ High
Operation mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

All emissions are more than 20dB below fundamental, details refer to Appendix 1, and compliance is achived as well.

5.1.5 Spurious Emission

RESULT: **Passed**

Date of testing	:	2017-06-24
Test standard	:	FCC part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Table 4 & Table 5
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Remark:
During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test setup photos.
Testing was carried out within frequency range 9 kHz to the tenth harmonics.

For details refer to Appendix 1.

5.1.6 20dB Bandwidth

RESULT: **Pass**

Date of testing	:	2017-06-21
Test standard	:	FCC Part 15.247(a)(1) RSS-247 clause 5.1(1)
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 7: Test result of 20dB Bandwidth

Test Mode	Channel Frequency (MHz)	20dB Bandwidth (kHz)	2/3 of 20dB Bandwidth (kHz)	Limit (MHz)
BDR	2402	929	619.333	/
	2441	938	625.333	
	2480	938	625.333	
EDR	2402	1211	807.333	/
	2441	1207	804.667	
	2480	1207	804.667	

5.1.7 Frequency Separation

RESULT: **Passed**

Date of testing	:	2017-06-21
Test standard	:	FCC part 15.247(a)(1) RSS-247 Clause 5.1(2)
Basic standard	:	ANSI C63.4: 2003
Limit	:	≥ 25kHz or 2/3 of 20dB bandwidth, whichever is greater
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	B
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Table 8: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (KHz)	Limit (kHz)	Result
Low Channel	2402	1002.9	≥ 25kHz or 2/3 of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1002.9		Pass
Adjacency Channel	2442			
High Channel	2480	1002.9		Pass
Adjacency Channel	2479			

5.1.8 Number of hopping frequency

RESULT: **Passed**

Date of testing	:	2017-06-21
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 Clause 5.1(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	≥ 15 non-overlapping channels
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	B
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Table 9: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5 MHz	79	≥15	Pass

5.1.9 Time of Occupancy

RESULT: **Passed**

Date of testing	:	2017-06-21
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 Clause 5.1(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	<0.4s
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Table 10: Test result of Time of Occupancy

Test Mode	Channel	Data Packet	Pulse width (ms)	Measured Dwell time(s)	Limit (s)
BDR mode	2402	DH1	0.442	0.141	< 0.4s
		DH3	1.725	0.276	
		DH5	2.957	0.315	
	2441	DH1	0.442	0.141	
		DH3	1.739	0.278	
		DH5	2.978	0.318	
	2480	DH1	0.457	0.146	
		DH3	1.710	0.274	
		DH5	2.978	0.318	
EDR mode	2402	3DH1	0.457	0.146	
		3DH3	1.710	0.274	
		3DH5	2.978	0.318	
	2441	3DH1	0.449	0.144	
		3DH3	1.725	0.276	
		3DH5	2.978	0.318	
	2480	3DH1	0.457	0.146	
		3DH3	1.725	0.276	
		3DH5	2.978	0.318	

Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

5.1.10 Conducted emissions

RESULT: **Passed**

Date of testing	:	2017-06-25
Test standard	:	FCC Part 15.107(a) & FCC Part 15.207(a) RSS-Gen Clause 8.8 & ICES-003
Basic standard	:	ANSI C63.10: 2013 & ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) & FCC Part 15.207(a) Table 3 of RSS-Gen & Table 2 of ICES-003
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz via AC/DC Adapter of Notebook
Operation Mode	:	B, D
Earthing	:	Not connected
Ambient temperature	:	25℃
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

For details refer to Appendix 1.

5.1.11 Radiated Emission

RESULT: **Passed**

Date of testing	:	2017-06-24
Test standard	:	FCC Part 15.109(a) & FCC Part 15.209(a) RSS-Gen 8.9
Basic standard		ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Classification	:	Class B
Limit	:	FCC Part 15.109(a) & FCC Part 15.209(a) RSS-Gen Table 4, Table 5 & Table 7 of ICES-003
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Input Voltage	:	DC 3.7V, 120mAh via built-in Li-ion Polymer Battery DC 5V, 500mA via Micro USB interface for Charging
Operation mode	:	C, D
Earthing	:	Not connected
Ambient temperature	:	23℃
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

Test data refer to Appendix 1.

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Note 1: Testing was carried out within frequency range 9 kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Figure 1: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz)

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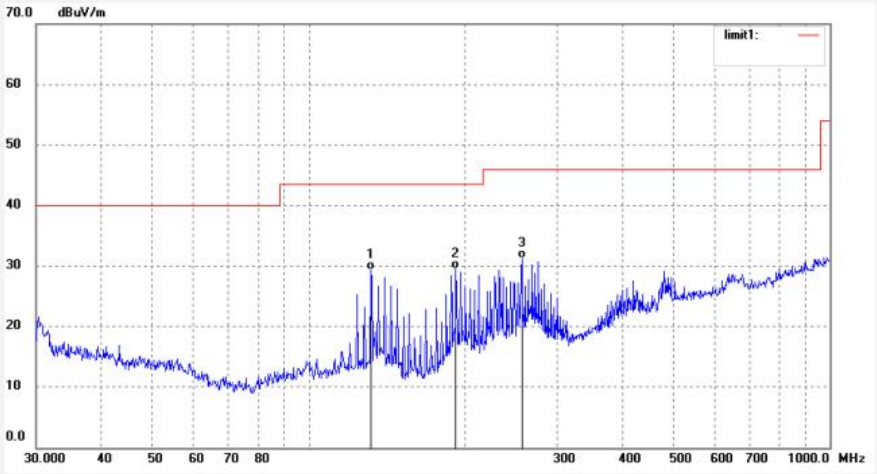
Job No.: LGW2017 #2884	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2402MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	43.12	-13.83	29.29	43.50	-14.21	QP			
2	191.7450	41.99	-12.42	29.57	43.50	-13.93	QP			
3	256.5210	41.74	-10.51	31.23	46.00	-14.77	QP			

Figure 2: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz)

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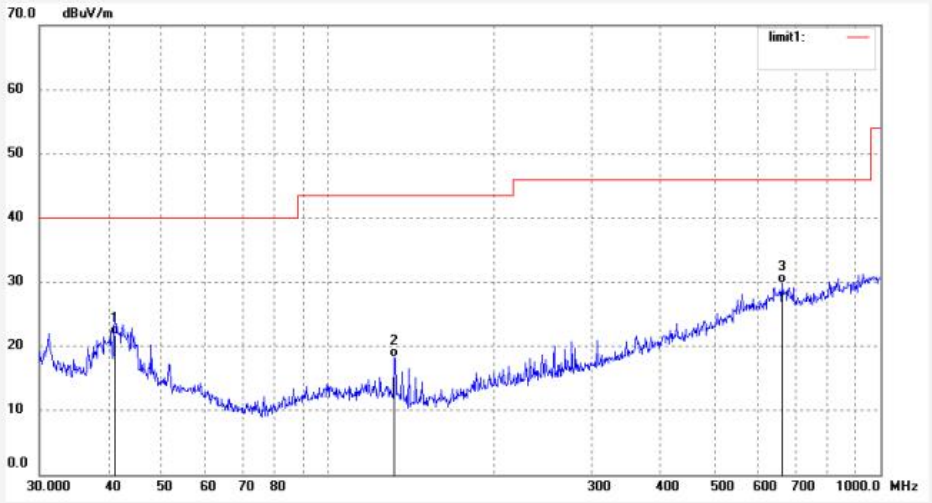
Job No.: LGW2017 #2885	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2402MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	41.1319	33.55	-11.78	21.77	40.00	-18.23	QP			
2	131.7576	32.09	-13.83	18.26	43.50	-25.24	QP			
3	663.4728	31.33	-1.57	29.76	46.00	-16.24	QP			

Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –18GHz)

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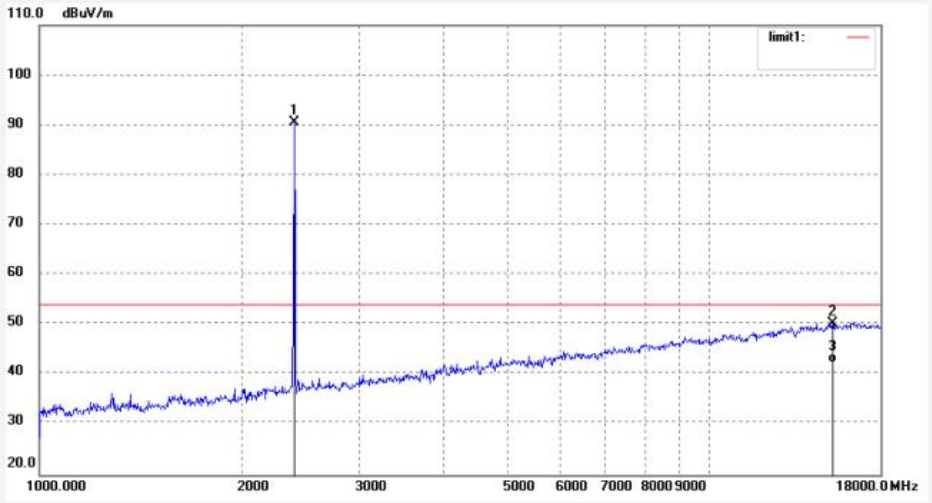
Job No.: LGW2017 #2846	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2402MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	92.13	-1.61	90.52	/	/	peak			
2	15265.885	-8.50	58.68	50.18	74.00	-23.82	peak			
3	15265.885	-16.37	58.68	42.31	54.00	-11.69	AVG			

Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 18GHz)

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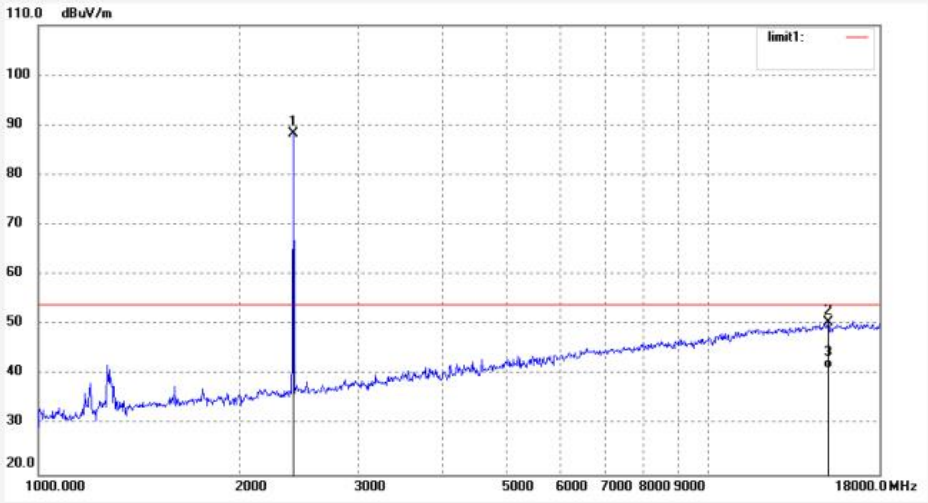
Job No.: LGW2017 #2847	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2402MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	89.91	-1.61	88.30	/	/	peak			
2	15090.405	-8.51	58.96	50.45	74.00	-23.55	peak			
3	15090.405	-17.65	58.96	41.31	54.00	-12.69	AVG			

Figure 5: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz)

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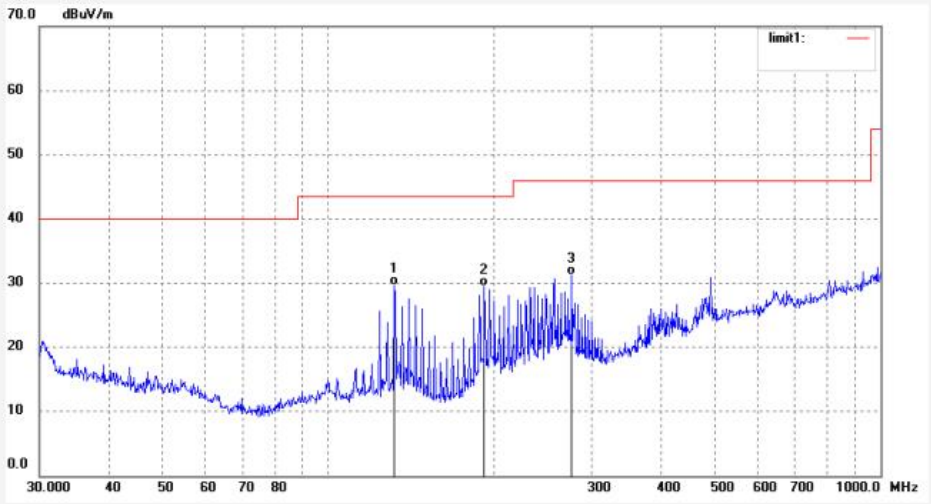
Job No.: LGW2017 #2887	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2441MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	43.49	-13.83	29.66	43.50	-13.84	QP			
2	191.7450	41.90	-12.42	29.48	43.50	-14.02	QP			
3	276.1235	41.01	-9.70	31.31	46.00	-14.69	QP			

Figure 6: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz)

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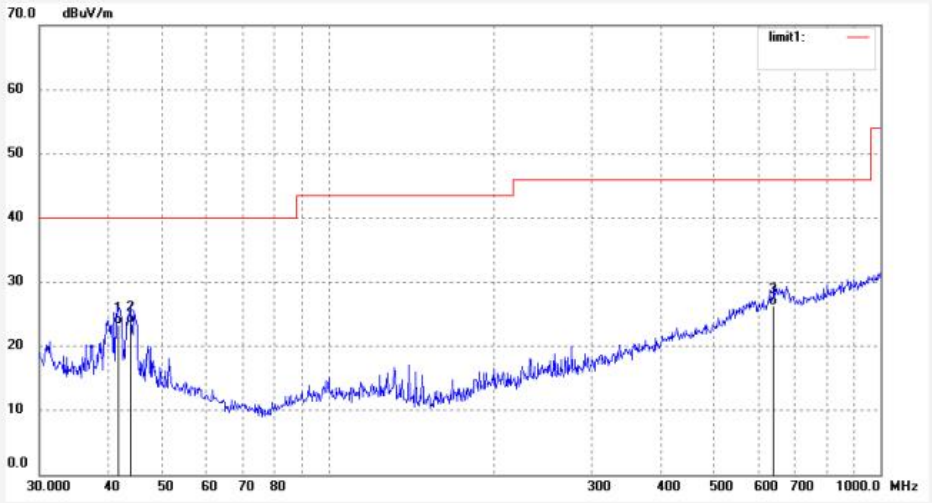
Job No.: LGW2017 #2886	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2441MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	41.7129	35.26	-11.91	23.35	40.00	-16.65	QP			
2	43.8119	35.84	-12.37	23.47	40.00	-16.53	QP			
3	640.6109	28.29	-1.90	26.39	46.00	-19.61	QP			

Figure 7: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 18GHz)

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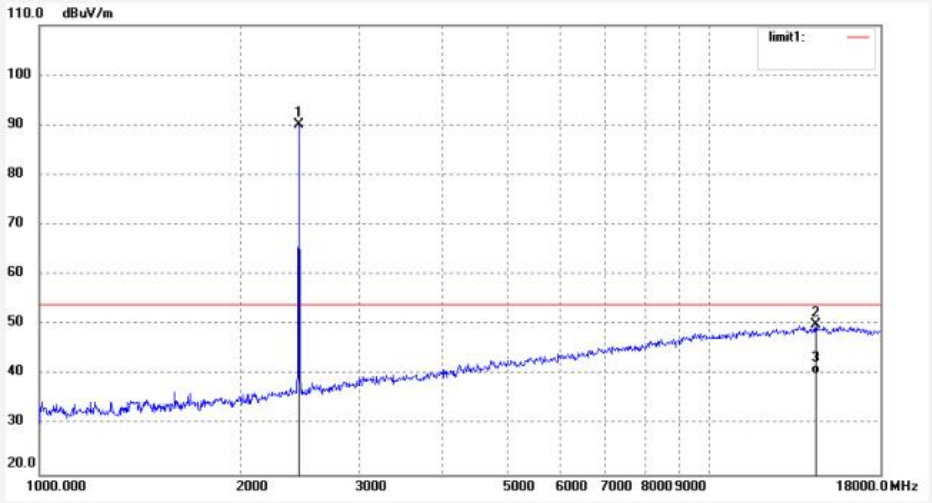
Job No.: LGW2017 #2850	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2441MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	91.42	-1.44	89.98	/	/	peak			
2	14408.425	-10.13	60.08	49.95	74.00	-24.05	peak			
3	14408.425	-19.84	60.08	40.24	54.00	-13.76	AVG			

Figure 8: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 18GHz)

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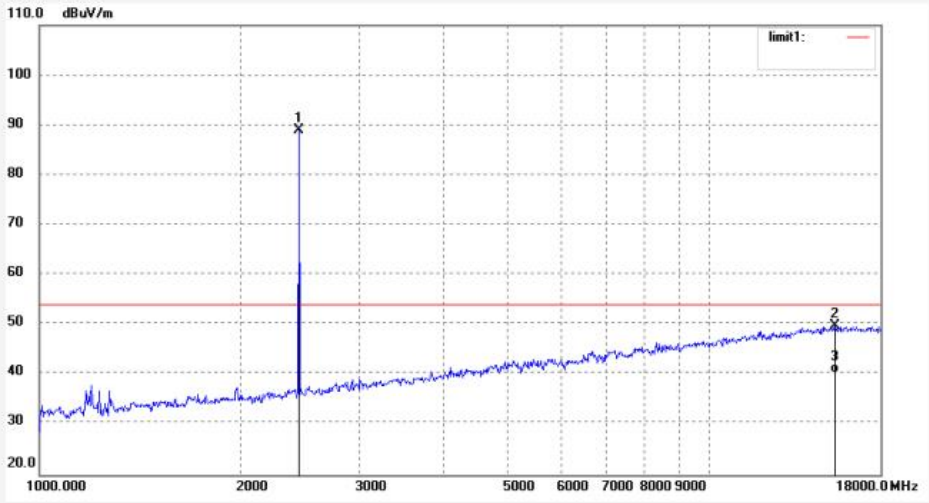
Job No.: LGW2017 #2851	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2441MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	90.35	-1.44	88.91	/	/	peak			
2	15398.832	-8.75	58.46	49.71	74.00	-24.29	peak			
3	15398.832	-18.02	58.46	40.44	54.00	-13.56	AVG			

Figure 9: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz)

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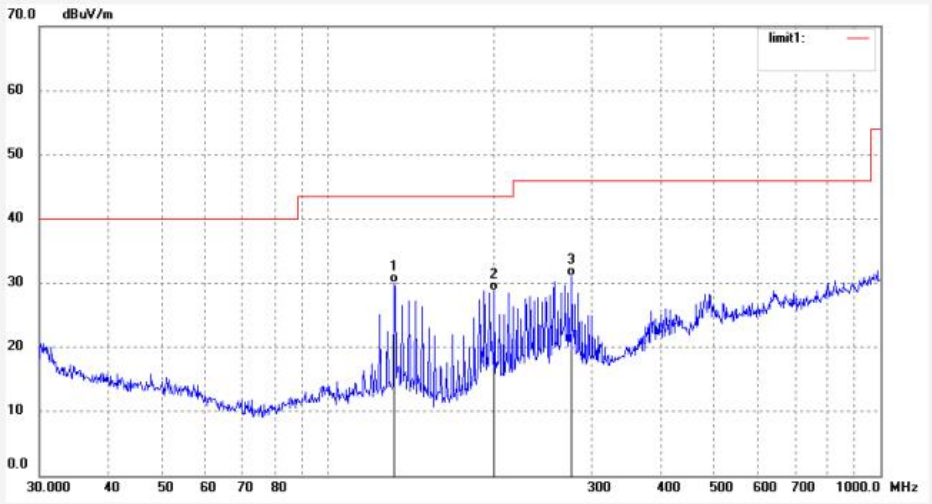
Job No.: LGW2017 #2888	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2480MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	43.88	-13.83	30.05	43.50	-13.45	QP			
2	199.9856	41.13	-12.26	28.87	43.50	-14.63	QP			
3	276.1235	40.68	-9.70	30.98	46.00	-15.02	QP			

Figure 10: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz)

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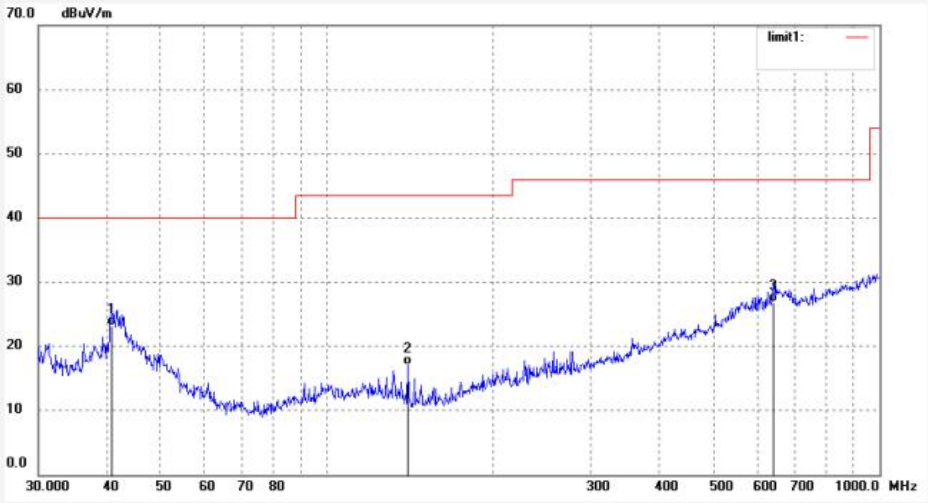
Job No.: LGW2017 #2889	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2480MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	40.7014	34.95	-11.69	23.26	40.00	-16.74	QP			
2	139.8506	32.10	-15.09	17.01	43.50	-26.49	QP			
3	642.8613	28.70	-1.89	26.81	46.00	-19.19	QP			

Figure 11: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –18GHz)

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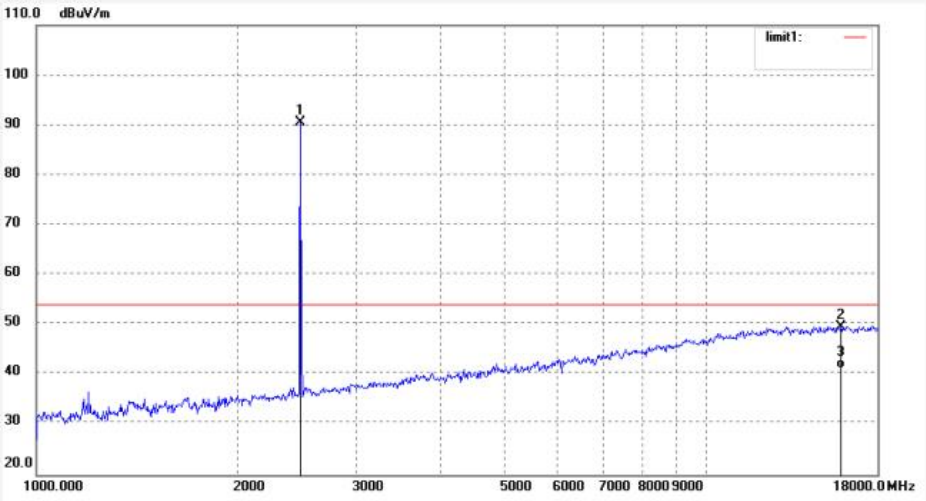
Job No.: LGW2017 #2853
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT:
Mode: TX 2480MHz
Model: NS-CAHBTEBNC-S
Manufacturer: Country Mate Technology Ltd.

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2017/06/24
Time:
Engineer Signature: WADE
Distance: 3m

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	91.89	-1.40	90.49	/	/	peak			
2	15850.410	-8.88	58.51	49.63	74.00	-24.37	peak			
3	15850.410	-17.17	58.51	41.34	54.00	-12.66	AVG			

Figure 12: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 18GHz)

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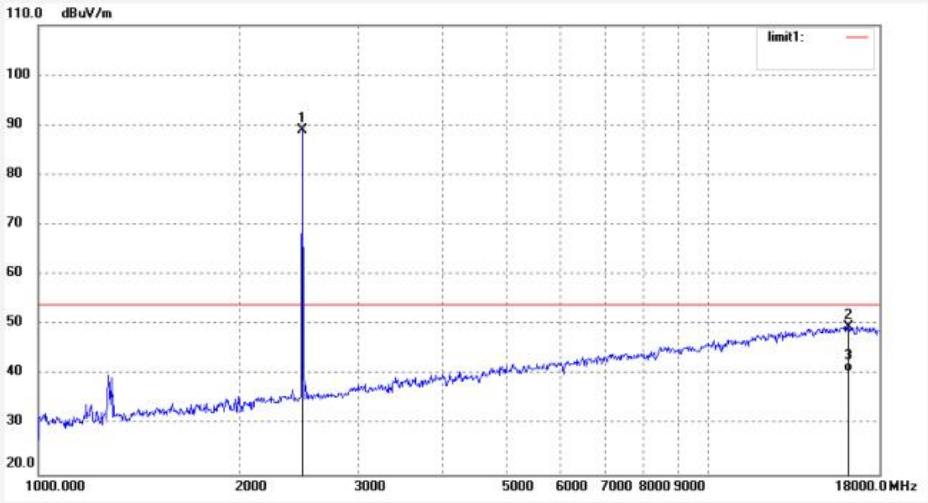
Job No.: LGW2017 #2852	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2480MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	90.45	-1.40	89.05	/	/	peak			
2	16174.372	-9.29	58.84	49.55	74.00	-24.45	peak			
3	16174.372	-18.27	58.84	40.57	54.00	-13.43	AVG			

Figure 13: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal

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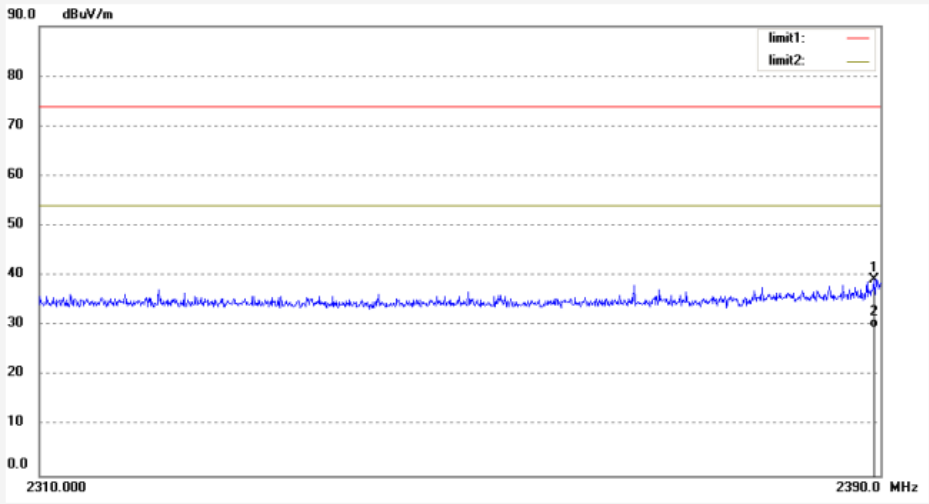
Job No.: LGW2017 #2849	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2402MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.360	40.94	-1.71	39.23	74.00	-34.77	peak			
2	2389.360	31.27	-1.71	29.56	54.00	-24.44	AVG			

Figure 14: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical

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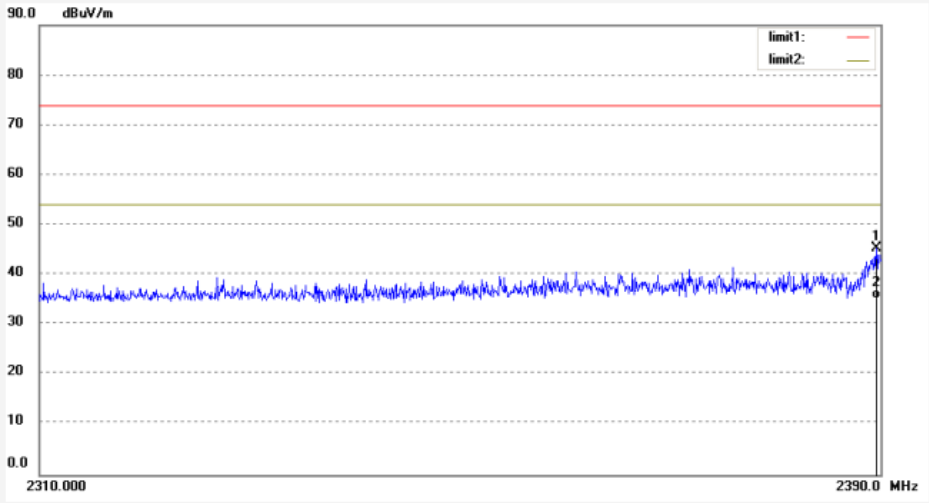
Job No.: LGW2017 #2848
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT:
Mode: TX 2402MHz
Model: NS-CAHBTEBNC-S
Manufacturer: Country Mate Technology Ltd.

Polarization: Vertical
Power Source: DC 3.7V
Date: 2017/06/24
Time:
Engineer Signature: WADE
Distance: 3m

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.600	47.03	-1.71	45.32	74.00	-28.68	peak			
2	2389.600	36.94	-1.71	35.23	54.00	-18.77	AVG			

Figure 15: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal

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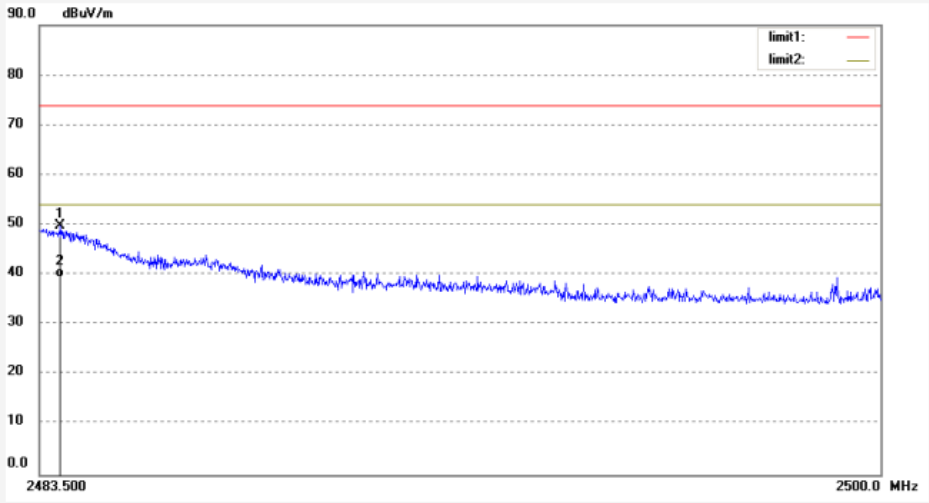
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2854	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2480MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.912	51.28	-1.41	49.87	74.00	-24.13	peak			
2	2483.912	40.98	-1.41	39.57	54.00	-14.43	AVG			

Figure 16: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical

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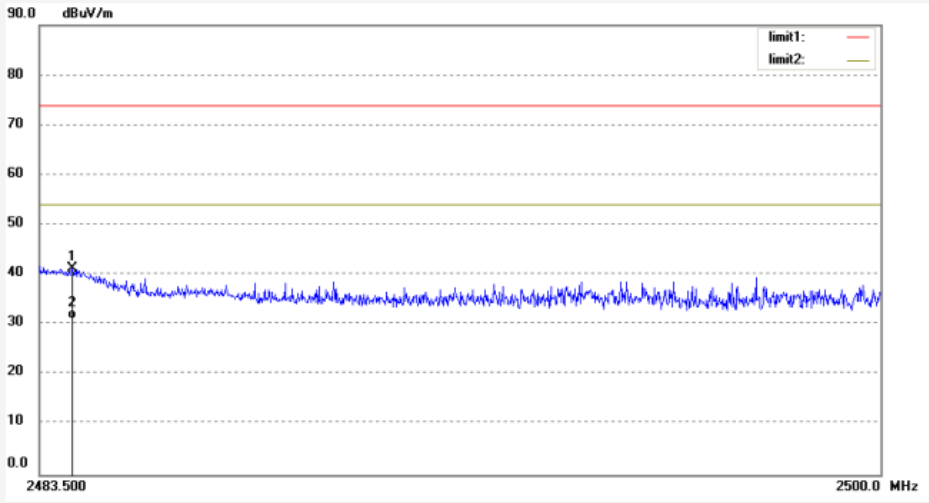
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

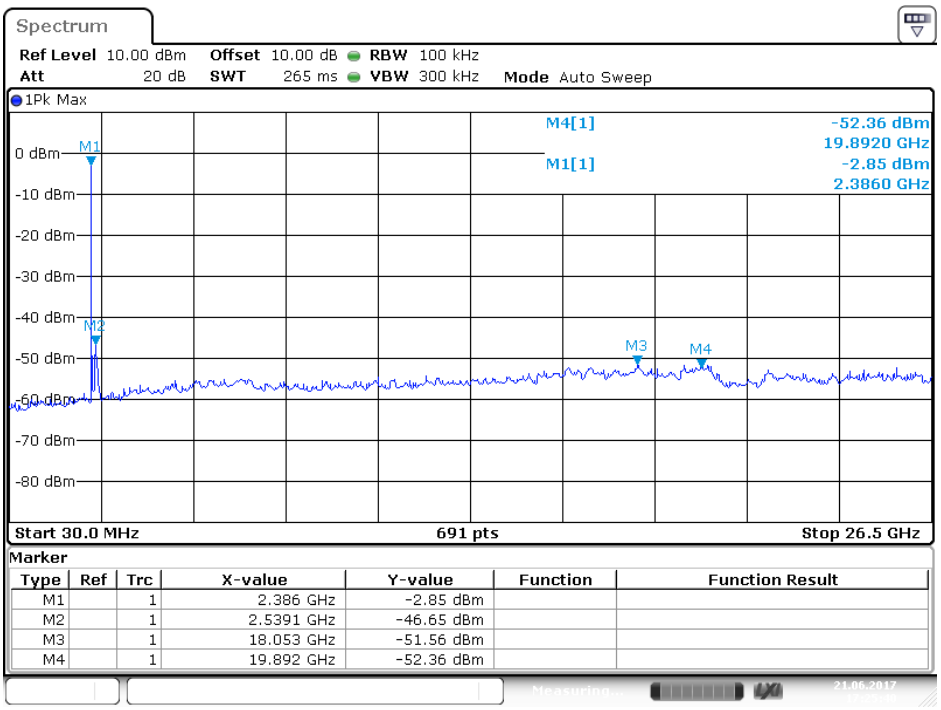
Job No.: LGW2017 #2855	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2017/06/24
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: TX 2480MHz	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



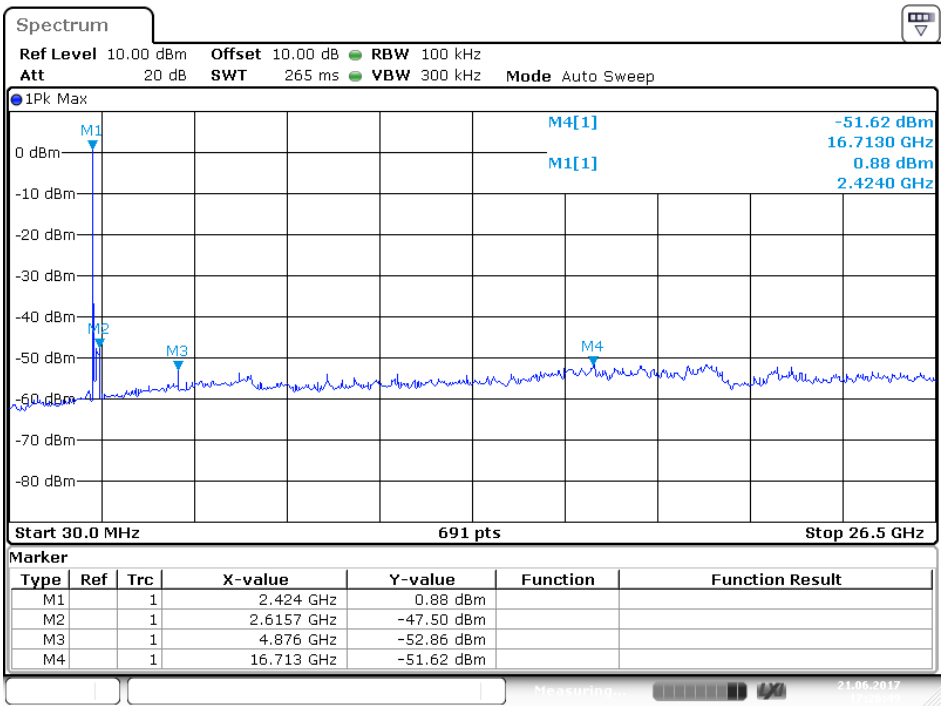
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.144	42.68	-1.41	41.27	74.00	-32.73	peak			
2	2484.144	32.65	-1.41	31.24	54.00	-22.76	AVG			

Figure 17: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.1



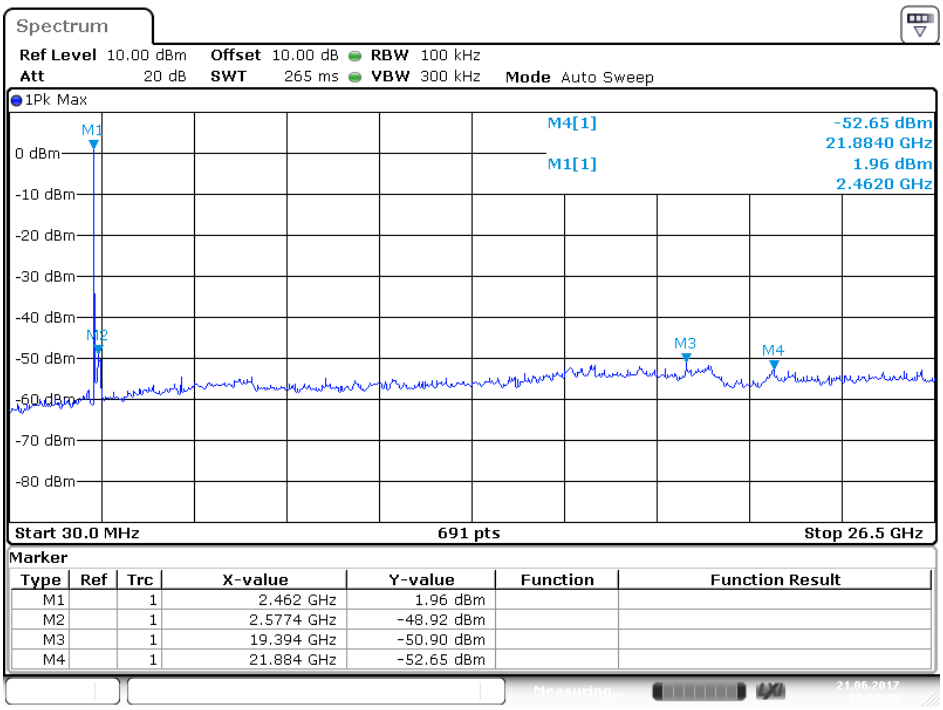
Date: 21.JUN.2017 17:25:40

Figure 18: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.2



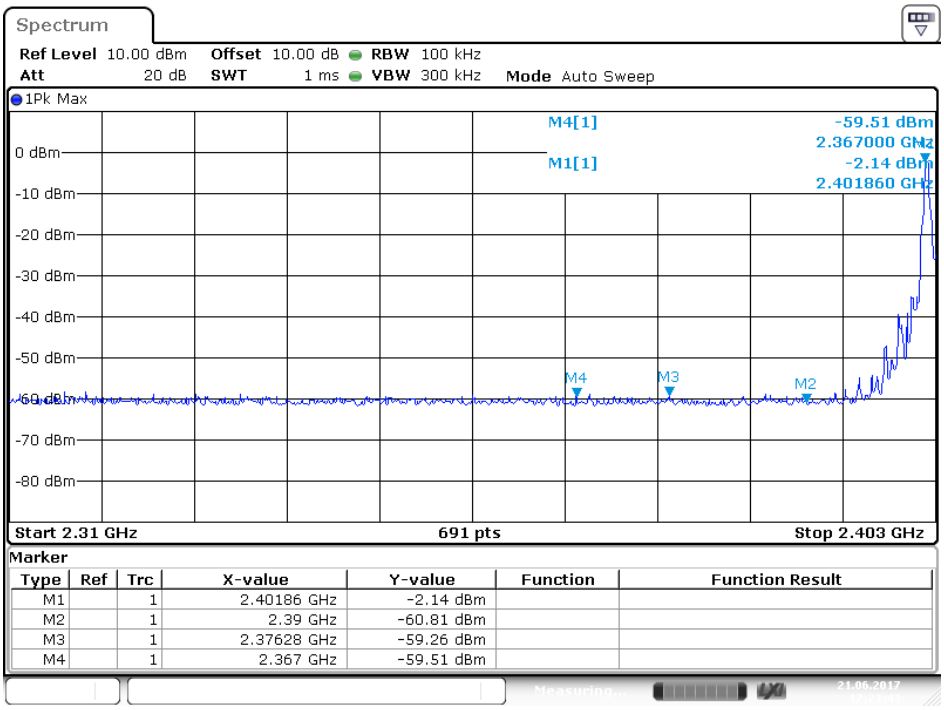
Date: 21.JUN.2017 17:26:49

Figure 19: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.3



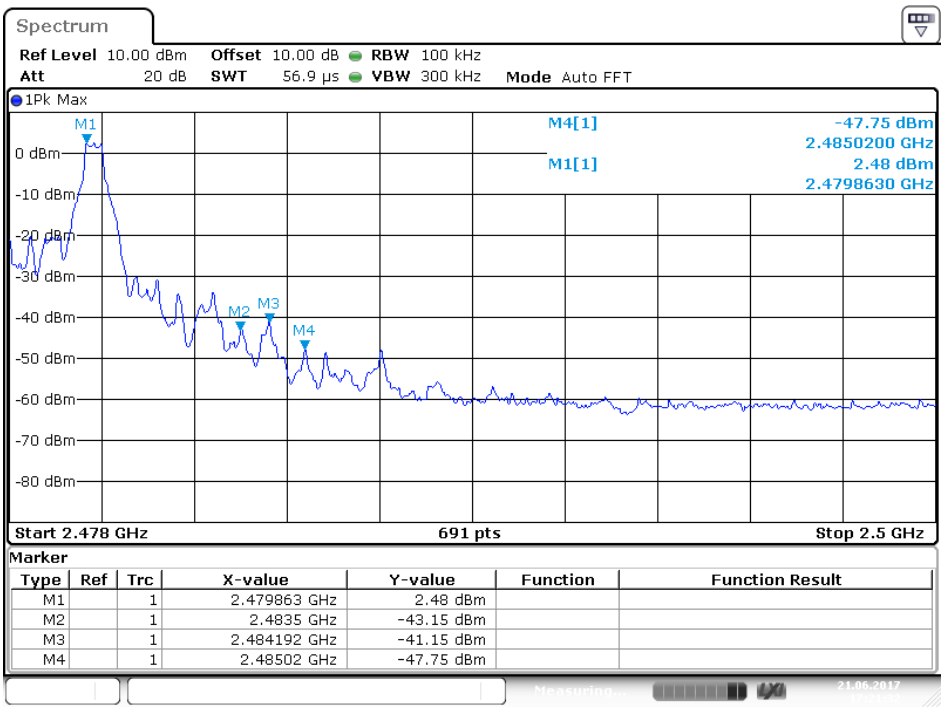
Date: 21.JUN.2017 17:27:49

Figure 20: Test figure of Frequency Band Edge in 100kHz Bandwidth, Mode A.1



Date: 21.JUN.2017 17:23:43

Figure 21: Test figure of Frequency Band Edge in 100kHz Bandwidth, Mode A.3



Date: 21.JUN.2017 17:21:32

Figure 22: Test figure of Conducted emissions, Mode B, line live

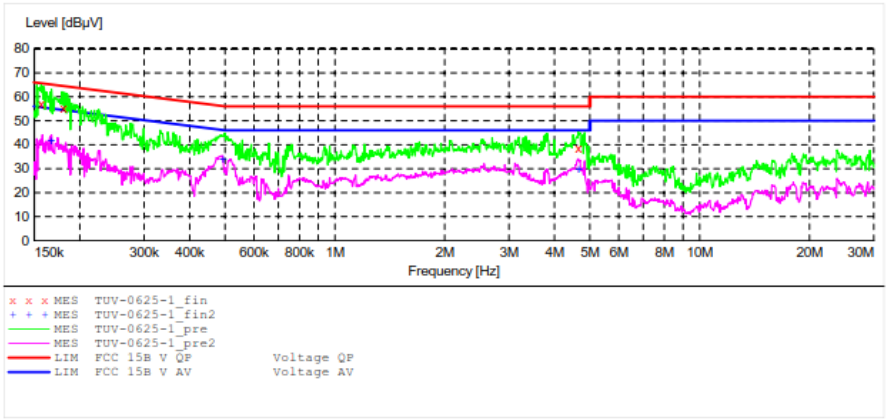
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                Bluetooth Around Neck Headset with Noise Cancellation-Silver
Manufacturer:       Country Mate Technology Ltd.
Operating Condition: TX
Test Site:          1#Shielding Room
Operator:           WADE
Test Specification: L 120V/60Hz
Comment:            M/N:NS-CAHBTEBNC-S
Start of Test:      6/25/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

```
  Short Description:              SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  9.0 kHz    150.0 kHz  100.0 Hz  QuasiPeak 1.0 s     200 Hz  NSLK8126 2008
                                  Average
  150.0 kHz  30.0 MHz   5.0 kHz   QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "TUV-0625-1_fin"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.156734	56.90	10.5	66	8.7	QP	L1	GND
0.180236	55.50	10.5	65	9.0	QP	L1	GND
4.646054	38.30	11.1	56	17.7	QP	L1	GND

MEASUREMENT RESULT: "TUV-0625-1_fin2"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.166406	41.70	10.5	55	13.4	AV	L1	GND
0.492876	33.70	10.7	46	12.4	AV	L1	GND
4.646054	29.30	11.1	46	16.7	AV	L1	GND

Figure 23: Test figure of Conducted emissions, Mode B, line neutral

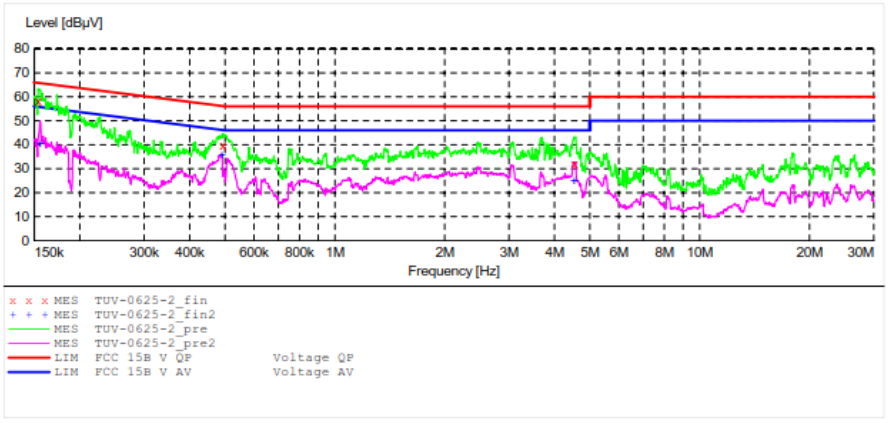
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                 Bluetooth Around Neck Headset with Noise Cancellation-Silver
Manufacturer:        Country Mate Technology Ltd.
Operating Condition: TX
Test Site:           1#Shielding Room
Operator:            WADE
Test Specification:  N 120V/60Hz
Comment:             M/N:NS-CAHBTEBNC-S
Start of Test:       6/25/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

```
  Short Description:                SUB_STD_VTERM2 1.70
  Start      Stop       Step       Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width                Time      Bandw.
  9.0 kHz    150.0 kHz  100.0 Hz   QuasiPeak 1.0 s     200 Hz   NSLK8126 2008
                                   Average
  150.0 kHz  30.0 MHz   5.0 kHz    QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                   Average
```



MEASUREMENT RESULT: "TUV-0625-2_fin"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.153636	58.00	10.5	66	7.8	QP	N	GND
0.492876	39.90	10.7	56	16.2	QP	N	GND
4.536094	32.20	11.1	56	23.8	QP	N	GND

MEASUREMENT RESULT: "TUV-0625-2_fin2"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155487	40.30	10.5	56	15.4	AV	N	GND
0.488957	35.70	10.7	46	10.5	AV	N	GND
4.518021	25.00	11.1	46	21.0	AV	N	GND

Figure 24: Test figure of Conducted emissions, Mode D, line live

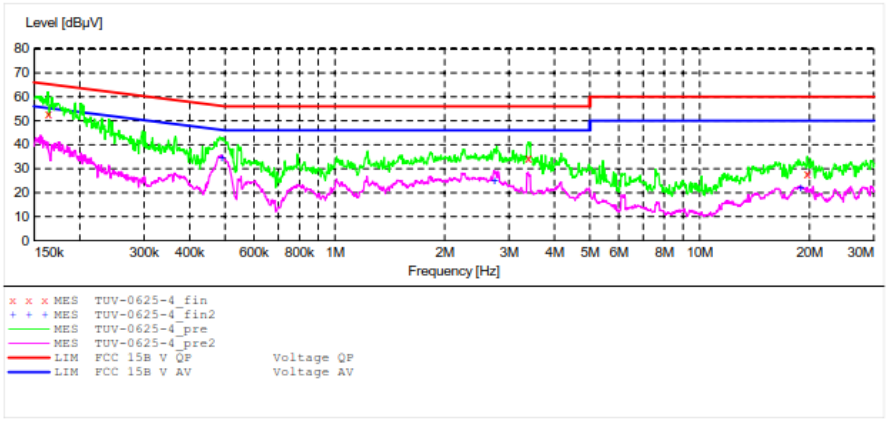
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                 Bluetooth Around Neck Headset with Noise Cancellation-Silver
Manufacturer:        Country Mate Technology Ltd.
Operating Condition: Charging
Test Site:           1#Shielding Room
Operator:            WADE
Test Specification:  L 120V/60Hz
Comment:             M/N:NS-CAHBTEBNC-S
Start of Test:       6/25/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

```
  Short Description:              SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  9.0 kHz    150.0 kHz  100.0 Hz  QuasiPeak 1.0 s     200 Hz  NSLK8126 2008
                                  Average
  150.0 kHz  30.0 MHz   5.0 kHz   QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "TUV-0625-4_fin"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.163769	52.60	10.5	65	12.7	QP	L1	GND
3.389385	34.20	11.1	56	21.8	QP	L1	GND
19.710077	27.60	11.4	60	32.4	QP	L1	GND

MEASUREMENT RESULT: "TUV-0625-4_fin2"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.488957	34.50	10.7	46	11.7	AV	L1	GND
2.732124	25.10	11.0	46	20.9	AV	L1	GND
18.863291	21.90	11.4	50	28.1	AV	L1	GND

Figure 25: Test figure of Conducted emissions, Mode D, line neutral

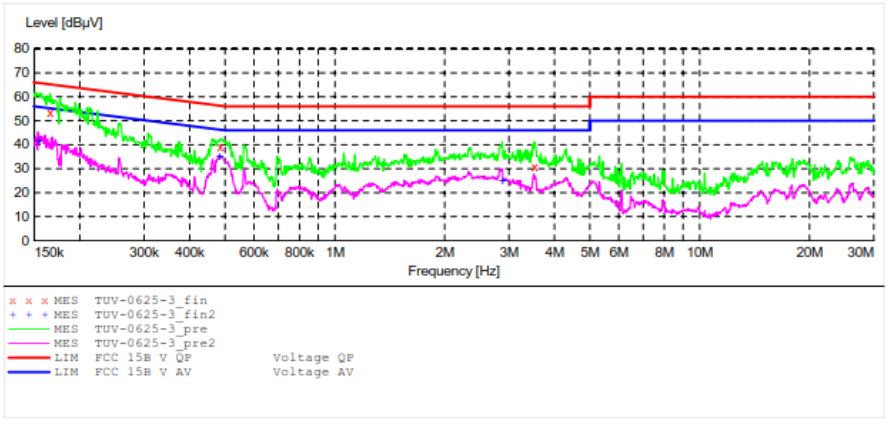
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                 Bluetooth Around Neck Headset with Noise Cancellation-Silver
Manufacturer:        Country Mate Technology Ltd.
Operating Condition: Charging
Test Site:           1#Shielding Room
Operator:            WADE
Test Specification:  N 120V/60Hz
Comment:             M/N:NS-CAHBTEBNC-S
Start of Test:       6/25/2017 /
```

SCAN TABLE: "V 9K-30MHz fin"

```
  Short Description:                SUB_STD_VTERM2 1.70
  Start      Stop       Step       Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width                Time      Bandw.
  9.0 kHz    150.0 kHz  100.0 Hz   QuasiPeak 1.0 s     200 Hz   NSLK8126 2008
                                   Average
  150.0 kHz  30.0 MHz   5.0 kHz    QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                   Average
```



MEASUREMENT RESULT: "TUV-0625-3_fin"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165743	53.60	10.5	65	11.6	QP	N	GND
0.485068	39.40	10.7	56	16.9	QP	N	GND
3.527427	30.60	11.1	56	25.4	QP	N	GND

MEASUREMENT RESULT: "TUV-0625-3_fin2"

6/25/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.153636	41.60	10.5	56	14.2	AV	N	GND
0.483136	35.00	10.7	46	11.3	AV	N	GND
2.877655	24.60	11.0	46	21.4	AV	N	GND

Figure 26: Test figure of Radiated emissions, Mode C, Below 1GHz, Horizontal

ACCURATE TECHNOLOGY CO., LTD.
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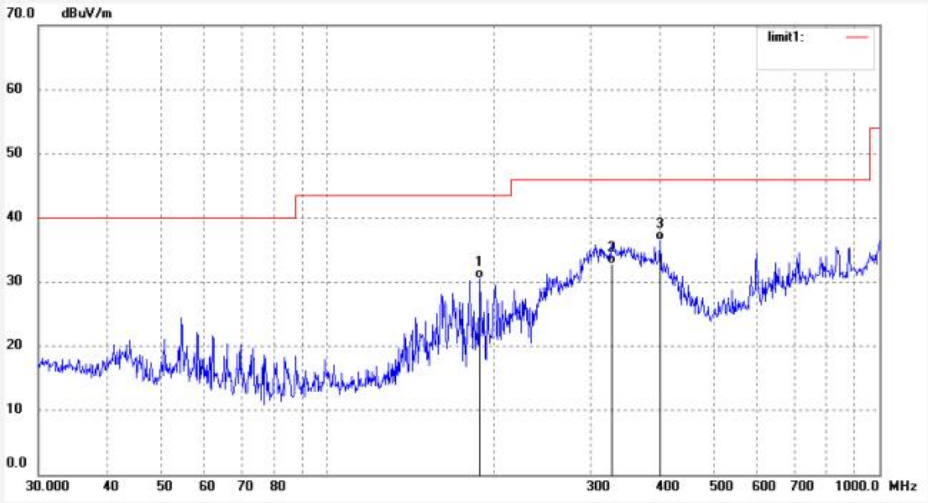
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2836	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Aux in	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	189.0742	43.09	-12.50	30.59	43.50	-12.91	QP			
2	327.8872	41.02	-8.12	32.90	46.00	-13.10	QP			
3	400.4318	42.90	-6.43	36.47	46.00	-9.53	QP			

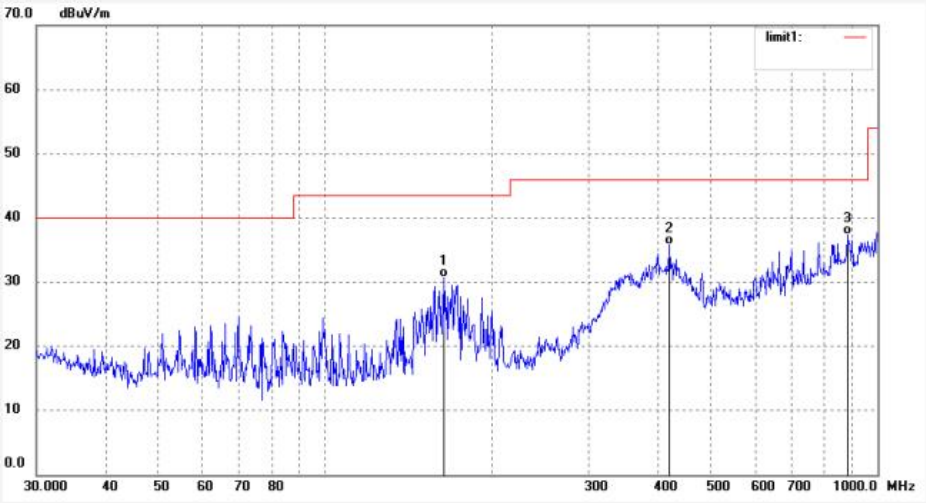
Figure 27: Test figure of Radiated emissions, Mode C, Below 1GHz, Vertical

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2837
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT:
Mode: Aux in
Model: NS-CAHBTEBNC-S
Manufacturer: Country Mate Technology Ltd.

Polarization: Vertical
Power Source: DC 3.7V
Date: 17/06/24/
Time:
Engineer Signature: WADE
Distance: 3m

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.3301	45.06	-14.34	30.72	43.50	-12.78	QP			
2	420.5803	41.50	-5.75	35.75	46.00	-10.25	QP			
3	884.5028	35.29	2.08	37.37	46.00	-8.63	QP			

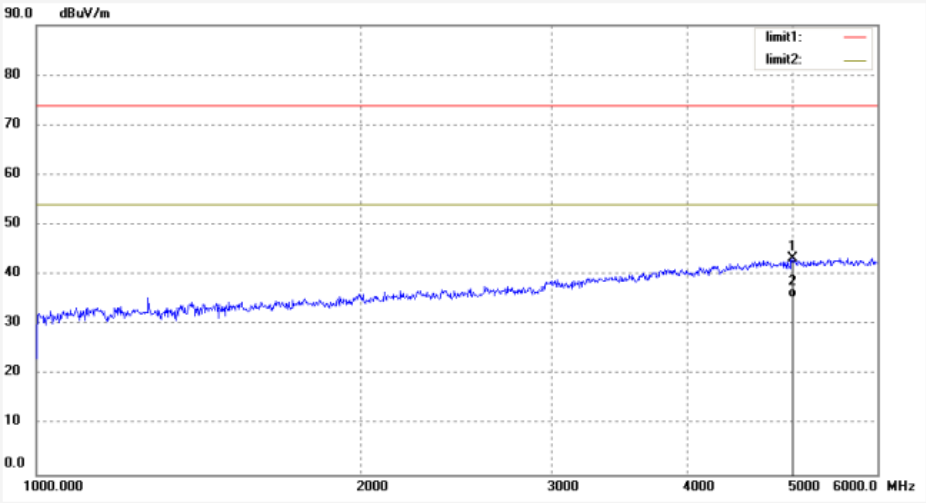
Figure 28: Test figure of Radiated emissions, Mode C, Above 1GHz, Horizontal

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2844	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Aux in	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5006.774	36.93	6.29	43.22	74.00	-30.78	peak			
2	5006.774	29.19	6.29	35.48	54.00	-18.52	AVG			

Figure 29: Test figure of Radiated emissions, Mode C, Above 1GHz, Vertical

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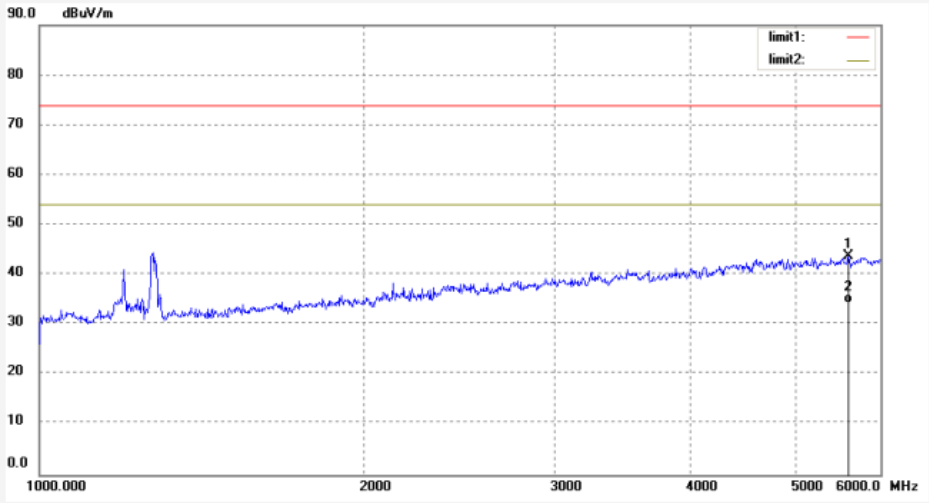
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2845	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Aux in	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5605.076	36.11	7.69	43.80	74.00	-30.20	peak			
2	5605.076	26.52	7.69	34.21	54.00	-19.79	AVG			

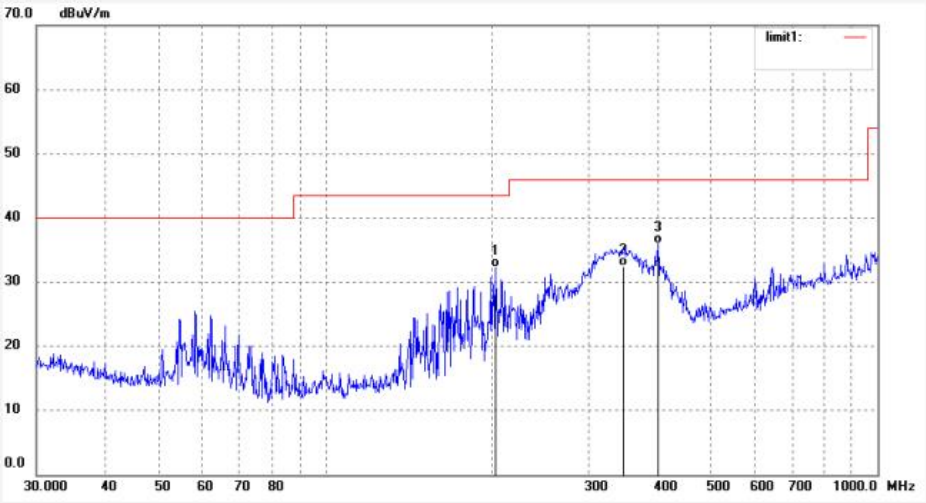
Figure 30: Test figure of Radiated emissions, Mode D, Below 1GHz, Horizontal

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2835
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT:
Mode: Charging
Model: NS-CAHBTEBNC-S
Manufacturer: Country Mate Technology Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 17/06/24/
Time:
Engineer Signature: WADE
Distance: 3m

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	203.5226	44.47	-12.16	32.31	43.50	-11.19	QP			
2	346.8091	39.93	-7.50	32.43	46.00	-13.57	QP			
3	400.4318	42.38	-6.43	35.95	46.00	-10.05	QP			

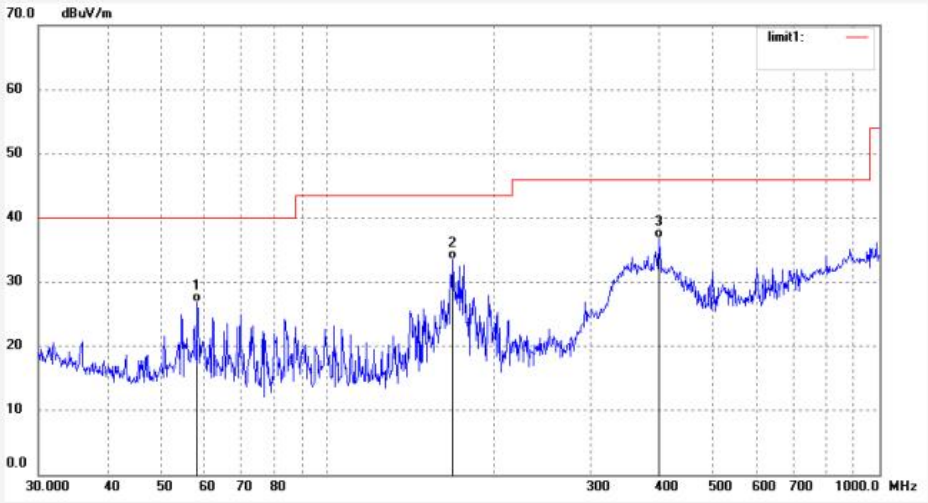
Figure 31: Test figure of Radiated emissions, Mode D, Below 1GHz, Vertical

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2834	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Charging	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



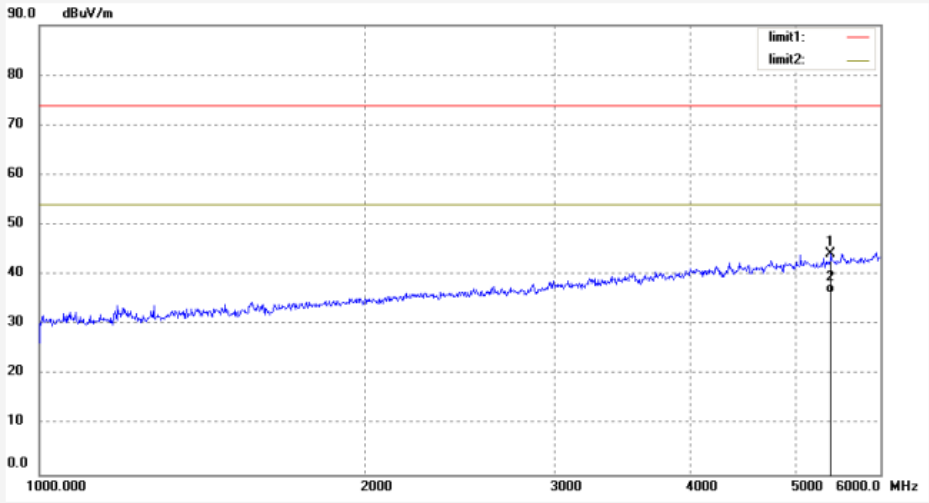
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	58.2030	40.41	-13.56	26.85	40.00	-13.15	QP			
2	169.0054	47.22	-13.70	33.52	43.50	-9.98	QP			
3	399.0300	43.36	-6.48	36.88	46.00	-9.12	QP			

Figure 32: Test figure of Radiated emissions, Mode D, Above 1GHz, Horizontal

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2843	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Charging	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5398.092	37.25	6.85	44.10	74.00	-29.90	peak			
2	5398.092	29.56	6.85	36.41	54.00	-17.59	AVG			

Figure 33: Test figure of Radiated emissions, Mode D, Above 1GHz, Vertical

ACCURATE TECHNOLOGY CO., LTD.
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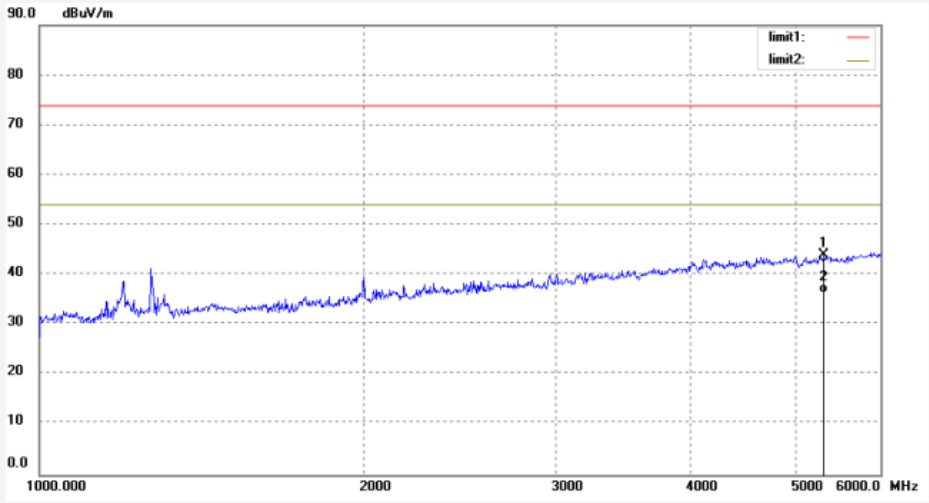
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2017 #2842	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 17/06/24/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature: WADE
Mode: Charging	Distance: 3m
Model: NS-CAHBTEBNC-S	
Manufacturer: Country Mate Technology Ltd.	

Note: Bluetooth Around Neck Headset with Noise Cancellation-Silver



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5321.268	37.15	6.88	44.03	74.00	-29.97	peak			
2	5321.268	29.45	6.88	36.33	54.00	-17.67	AVG			