Test Report No:
2410636R-RFNAV02S-B

VARIANT TEST REPORT
FCC Rules&Regulations

Product Name	PACKTALK EDGE, PACKTALK CUSTOM, PACKTALK NEO, PACKTALK EDGEPHONES, PACKTALK PRO
Brand Name	Cardo Systems, LTD
Model No.	PACKTALK EDGE/CUSTOM, PACKTALK NEO
FCC ID	Q95ER28
Applicant´s Name / Address	Cardo Systems, LTD 101 E. Park Blvd, Suite 600, Plano TX, 75074 USA
Manufacturer's Name / Address	Cardo Systems, LTD 101 E. Park Blvd, Suite 600, Plano TX, 75074 USA
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	Vera Hsu Vera Hsu
Approved By	Rueyyan. Lin Rueyyan Lin
Date of Receipt	Jan. 22, 2024
Date of Issue	May 24, 2024
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	May 24, 2024

Permissive Change

Report No.	Version	Description	Issued Date
21A0733R-RFUSBT2V01-B	V1.0	Original application.	Dec. 10, 2021
2290111R-RFNAOTHV02-B	V1.0	Class I Permissive Change (C1PC) 1. Adding a new product name / model number "PACKTALK NEO". The difference between original product name / model number and new product name / model number, please refer to the section 1.1 for detail. 2. Adding new accessory "USB audio kit and Cradle" for model: PACKTALK NEO use only. After evaluating, the worst result of original report is selected to verify radiated emission, radiated emission band edge tests and record in the report.	Dec. 16, 2022
2330851R-RFNAOTHV02-B	V1.0	Class II Permissive Change (C2PC) 1. Adding a new product name "PACKTALK EDGEPHONES". The difference between original product name and new product name, please refer to the section 1.1 for detail. 2. Adding new accessory "Edge phone microphone and Edge phone Headphone" for product name: PACKTALK EDGEPHONES use only. After evaluating, the worst result of original report is selected to verify radiated emission, radiated emission band edge tests and record in the report.	May 29, 2023
2410636R-RFNAV02S-B	V1.0	Class II Permissive Change (C2PC) 1. Add new product name PACKTALK PRO. The difference between original product name and new product name, please refer to the section 1.1 for detail. 2. Change hardware for product name PACKTALK EDGE, PACKTALK CUSTOM and PACKTALK EDGEPHONES as below: a. Remove FPGA components, the related resistor and capacitor. b. Add charging protector U24 c. Reduce highest channel power level of PCB antenna for BT EDR and Zigbee functions. After evaluating, the worst result of original report is selected to verify conducted output power, radiated emission, radiated emission band edge tests and record in the report.	May 24, 2024

Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	Maximum Conducted Output Power	PASS	-
4	Transmitter Radiated Spurious Emission	PASS	-

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.

Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	2400 ~ 2483.5 MHz
Operating Frequency	1 Mbps: 2402 ~ 2480 MHz 2 Mbps: 2402 ~ 2480 MHz
Channel Number	1 Mbps: 40 Channels 2 Mbps: 40 Channels
Mode	Bluetooth LE
Type of Modulation	GFSK

Product Name: PACKTALK EDGE, PACKTALK CUSTOM and PACKTALK PRO				
Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Description
1	Headphone	JBL	40mm 32ohm speakers	3 wire audio lines
2	USB Cable	Hailink	USB 2.0 A/M to Type C cable 28# L=60cm	Shielded cable w/o ferrite core, 0.6m
3	Microphone	Transound	Boom Microphone	2 wire audio lines
4	Audio Kit	Leflexo	Pack Talk Edge Audio kit	5 wire audio lines

Product Name: PACKTALK NEO				
Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Description
1	Headphone	JBL	40mm 32ohm speakers	3 wire audio lines
2	USB Cable	Hailink	USB 2.0 A/M to Type C cable 28# L=60cm	Shielded cable w/o ferrite core, 0.6m
3	Microphone	Transound	Boom Microphone	2 wire audio lines
4	USB audio kit	Cardo	USB audio kit	N/A
5	Cradle	Cardo	Cradle	N/A

Product Name: PACKTALK EDGEPHONES				
Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Description
1	USB Cable	Hailink	USB 2.0 A/M to Type C cable 28# L=60cm	Shielded cable w/o ferrite core, 0.6m
2	Edge phone microphone	KING CHUANG TECH	Boom Microphone	2 audio wire lines
3	Edge phone Headphone	KING CHUANG TECH	40mm 32ohm speakers	3 wire audio lines

The difference for each product name / model number is shown as below:

EUT	1		3	4	2
Product Name	PACKTALK EDGE	PACKTALK CUSTOM	PACKTALK EDGEPHONES	PACKTALK PRO	PACKTALK NEO
Model No.	PACKTALK EDGE/CUSTOM				PACKTALK NEO
PCB Version	PCB00817 Without FPGA With protect component (U24) Without IMU (U26)			PCB00817 Without FPGA Without protect component (U24) With IMU (U26)	PCB00295
Hardware	USB type C (without audio function) USB Data				USB type C (with audio function) Audio Switch Chip = USB has 2 input option (Data or Audio)
Accessory	Headphone Microphone Audiokit		Edge phone microphone Edge phone Headphone	Headphone Microphone Audiokit	Headphone Microphone USB audio kit Cradle
Note	The difference are related to pay per feature on the mobile application that manufacturer enable the user to use but the product is exactly the same. For instance, noise cancellation feature can be operated by mobile app and for PACKTALK CUSTOM user pay per this feature.		-	-	-

Antenna Information				
Ant.	Brand Name	Model No.	Type	Gain (dBi)
1	AMOTECH	AMAN301512ST01	Chip	2.21

1.2. EUT Information

EUT Power Type	From Host system / Battery (DC 3.7V)			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point

1.3. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 414788 D01 v01r01

1.4. Testing Location Information

Testing Location Information		
Test Laboratory：DEKRA Testing and Certification Co., Ltd.		
	1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
	2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted Emission	HC-SR12	Clements Fang	22.4~23.5 / 60~64	2024/05/07~2024/05/10
Radiated Emission	HC-CB02	Luffy Lin Gary Liao	22~24 / 59~65.5	2024/05/07~2024/05/20

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2).

Test item	Uncertainty
Maximum Conducted Output Power	± 1.16 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz

1.6. List of Test Equipment

HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2023/07/03	2024/07/02

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2023/05/29	2024/05/28
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2023/10/03	2024/10/02
EXA Signal Analyzer	Keysight	N9010A	MY51440132	10 Hz-44 GHz	2023/12/11	2024/12/10
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2024/04/29	2025/04/28
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2023/11/09	2024/11/08
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2024/04/02	2025/04/01
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2024/04/23	2025/04/22
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
Wideband Radio Communication Tester	R&S	CMW500	106071	LTE 4G	2024/01/25	2025/01/24
Wideband Radio Communication Tester	R&S	CMW500	150246	BT5.0 & LTE CA	2024/02/23	2025/02/22
Wireless Conn. Tester	R&S	CMW500	157118	Simulator	2023/07/05	2024/07/04
Radio Communication Tester	Anritsu	MT8821C	6261915489	LTE & Cat.M1 & NB-IOT	2023/10/30	2024/10/29
UXM 5G Wireless Test Platform	Keysight	E7515B	MY59321672	5G NR	2023/05/30	2024/05/29
Coaxial Cable(13m)	Suhner	SF104	HC-CB02	30M-18 GHz	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2023/08/14	2024/08/13
DEKRA Testing System	DEKRA	Version 2.0	HC-CB02	N/A	N/A	N/A
Radiated Software	Audix	e3 V9	HC-CB02_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 120V/60Hz

2.2. Test Frequency Mode

Test Software	BlueTest3

For EUT 1:

Modulation	Frequency (MHz)	Power Setting
GFSK (1 Mbps)	2402	4
	2440	4
	2480	4
GFSK (2 Mbps)	2402	4
	2440	4
	2480	4

For EUT 4:

Modulation	Frequency (MHz)	Power Setting
GFSK (1 Mbps)	2402	4
	2440	4
	2480	4
GFSK (2 Mbps)	2402	4
	2440	4
	2480	4

2.3. The Worst Case Measurement Configuration

Tests Item	Maximum Conducted Output Power
Test Condition	Conducted measurement at transmit chains
Operating Mode	Transmit
1	EUT 1
2	EUT 4

Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Transmit
1	EUT 1
2	EUT 3
3	EUT 4
Operating Mode > 1GHz	Transmit
1	EUT 1
2	EUT 4

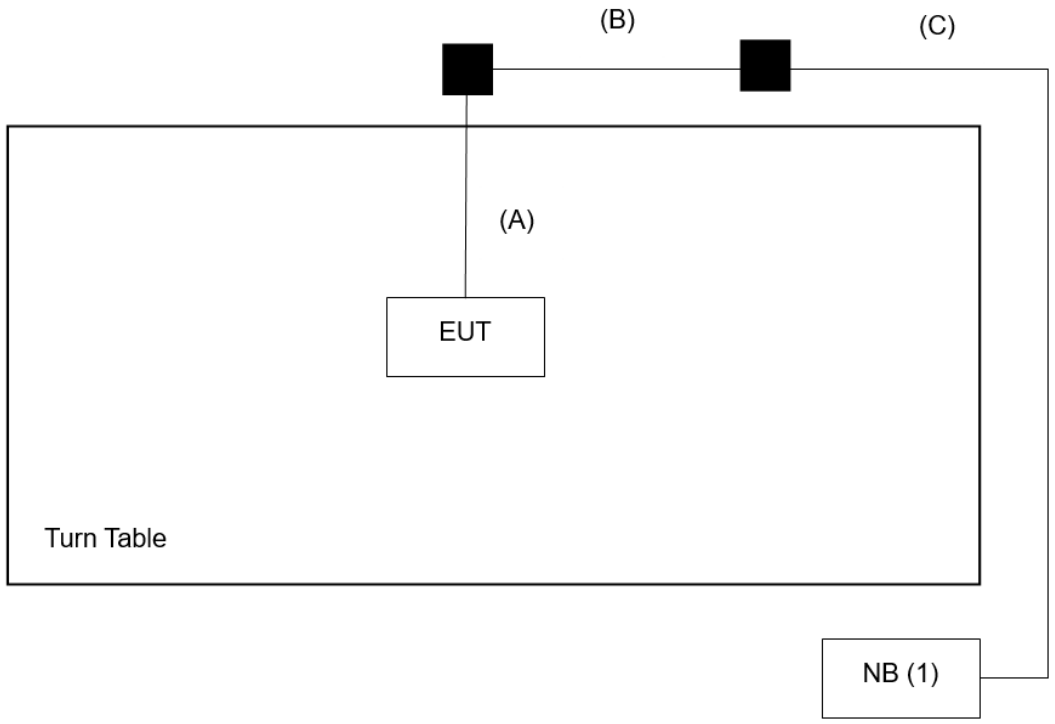
Note:
Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.4. Tested System Details

No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	HP	Elnebook 840 G3	N/A

2.5. Configuration of Tested System

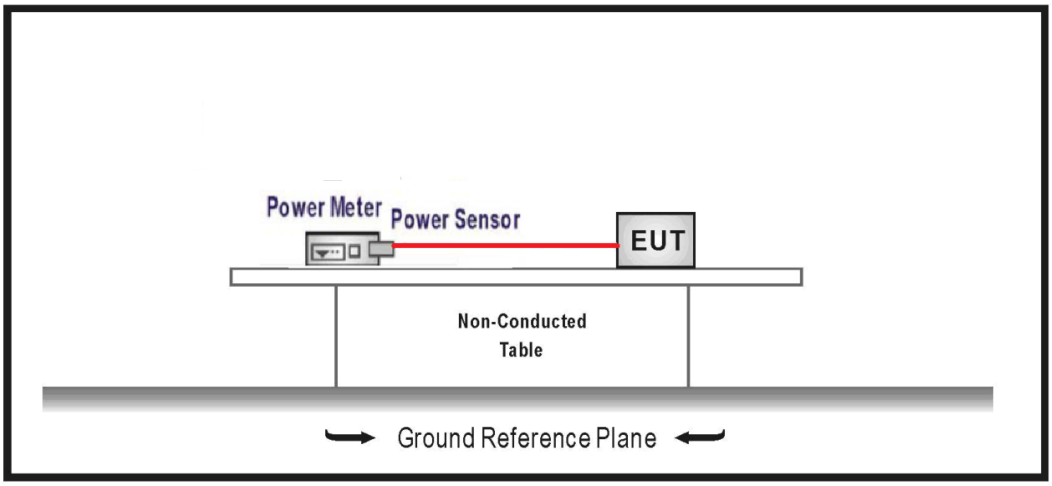
Connection Diagram



Signal Cable Type		Signal cable Description
A	USB Type A To USB Type C Cable	Shielded, 0.6m
B	USB Type A To RJ-45 Cable	Shielded, 0.3m
C	RJ-45 Cable	Non-Shielded, 10m

3. Maximum Conducted Output Power

3.1. Test Setup



3.2. Test Limit

The Maximum Conducted Output Power shall be less 1 Watt.

3.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

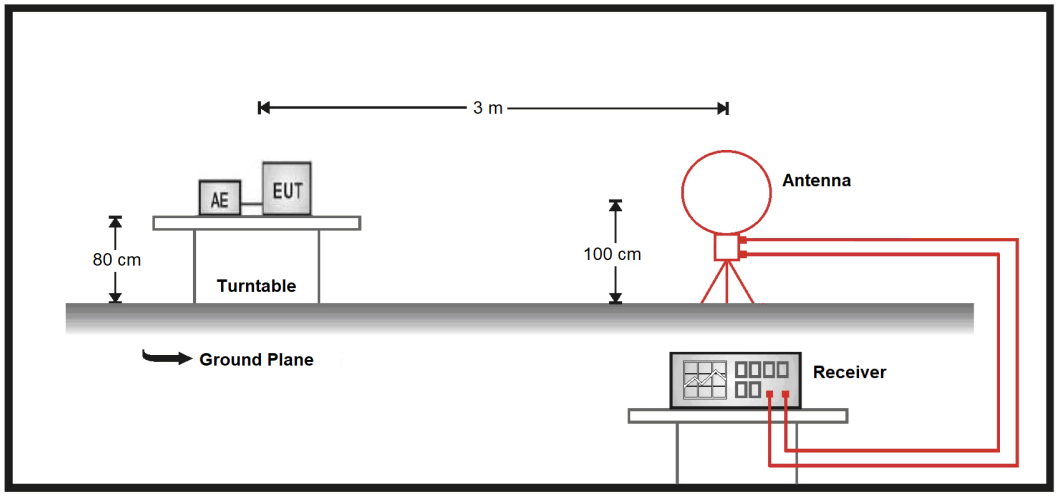
3.4. Test Result of Maximum Conducted Output Power

Refer as Appendix A

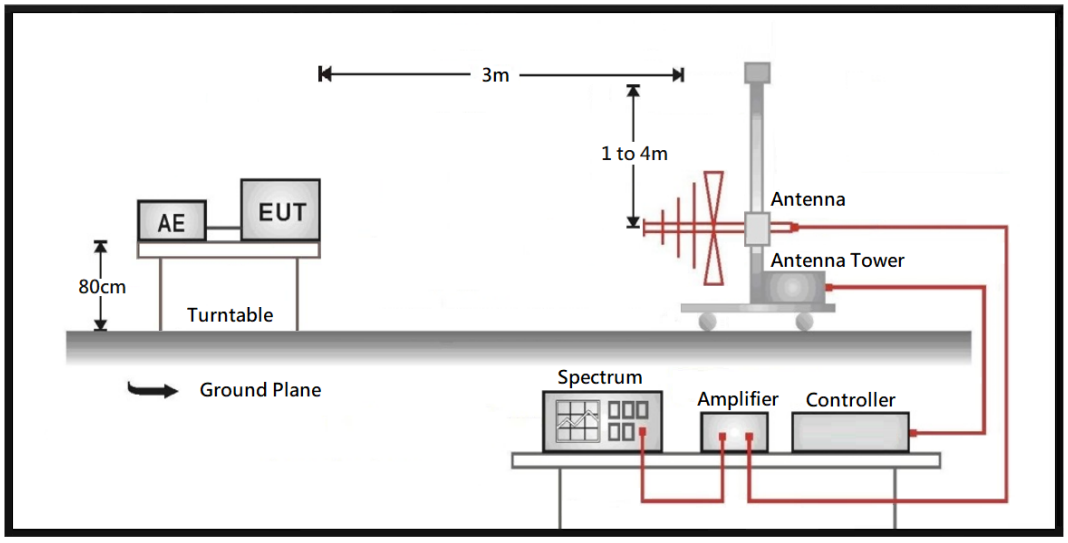
4. Transmitter Radiated Spurious Emission

4.1. Test Setup

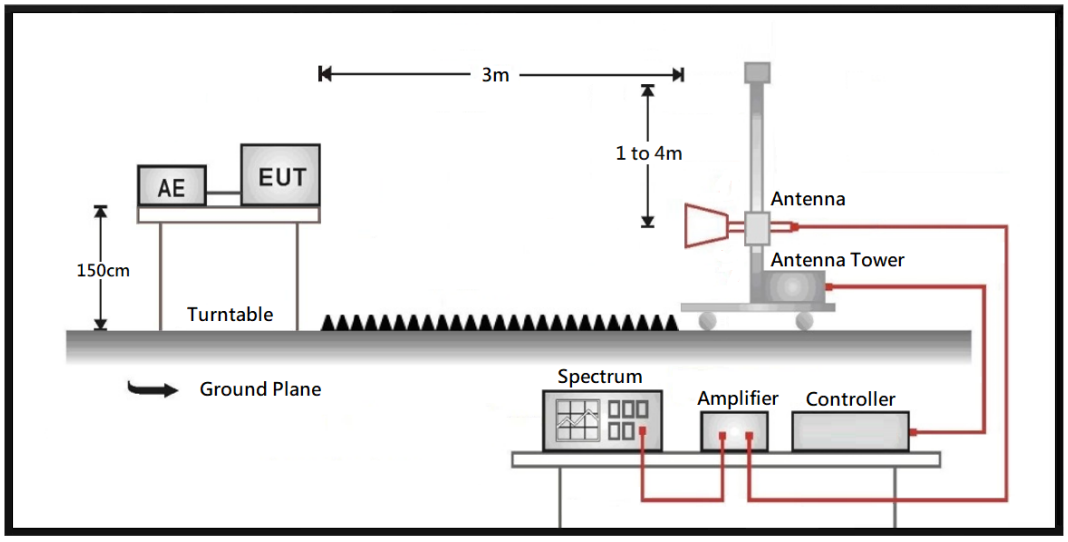
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



4.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

On any frequency or frequencies form 9 kHz(inculde The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

4.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix B

Appendix A. Test Result of Maximum Conducted Output Power

Test Mode: Mode 1. EUT 1

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	1.390	30.00	Pass
	2440	1.040	30.00	Pass
	2480	0.690	30.00	Pass
GFSK (2 Mbps)	2402	1.270	30.00	Pass
	2440	1.030	30.00	Pass
	2480	0.770	30.00	Pass

Test Mode: Mode 2. EUT 4

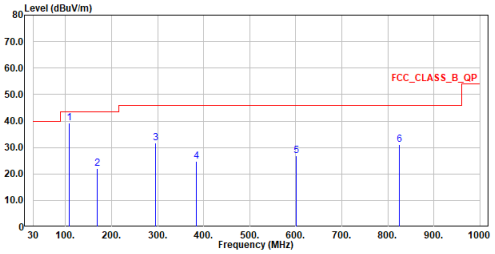
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	1.390	30.00	Pass
	2440	1.010	30.00	Pass
	2480	0.730	30.00	Pass
GFSK (2 Mbps)	2402	1.280	30.00	Pass
	2440	1.050	30.00	Pass
	2480	0.760	30.00	Pass

Appendix B. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Test Mode: Mode 1. EUT 1

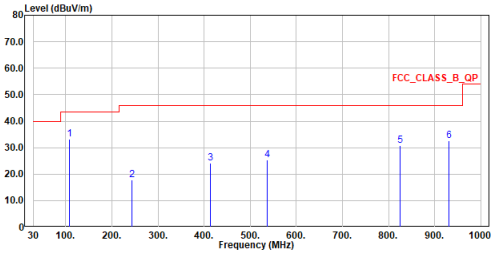
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	107.940	39.27	43.50	-4.23	45.26	-5.99	QP
2	167.934	21.97	43.50	-21.53	24.93	-2.96	QP
3	294.956	31.83	46.00	-14.17	33.91	-2.08	QP
4	383.323	24.89	46.00	-21.11	24.58	0.31	QP
5	601.670	26.93	46.00	-19.07	21.48	5.45	QP
6	825.158	31.14	46.00	-14.86	22.25	8.89	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_TX_2480MHz(4dBm)
Test By :Gary

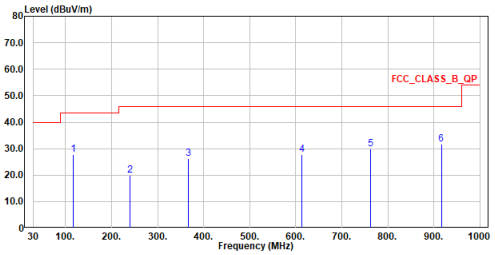


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	108.037	33.10	43.50	-10.40	39.08	-5.98	QP
2	243.885	17.67	46.00	-28.33	21.49	-3.82	QP
3	413.247	24.28	46.00	-21.72	23.40	0.88	QP
4	536.292	25.51	46.00	-20.49	21.92	3.59	QP
5	824.624	30.76	46.00	-15.24	21.88	8.88	QP
6	931.130	32.70	46.00	-13.30	22.53	10.17	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Test Mode: Mode 2. EUT 3

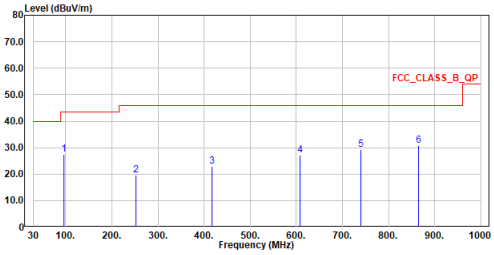
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_TX_2480MHz
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	116.912	27.92	43.50	-15.58	33.12	-5.20	QP
2	240.005	19.86	46.00	-26.14	23.92	-4.06	QP
3	366.542	26.15	46.00	-19.85	26.68	-0.53	QP
4	612.970	27.73	46.00	-18.27	21.95	5.78	QP
5	762.205	29.94	46.00	-16.06	21.74	8.20	QP
6	916.144	31.80	46.00	-14.20	21.82	9.98	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_TX_2480MHz
Test By :Gary

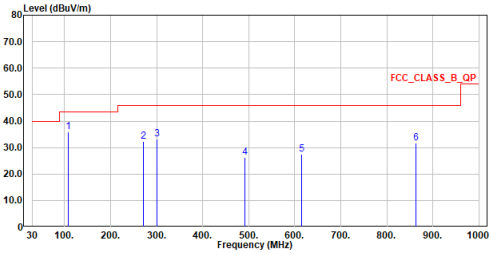


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	96.009	27.37	43.50	-16.13	35.06	-7.69	QP
2	252.761	19.55	46.00	-26.45	23.21	-3.66	QP
3	416.982	22.94	46.00	-23.06	21.90	1.04	QP
4	607.587	27.05	46.00	-18.95	21.33	5.72	QP
5	739.458	29.34	46.00	-16.66	21.58	7.76	QP
6	864.831	30.86	46.00	-15.14	21.44	9.42	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Test Mode: Mode 3. EUT 4

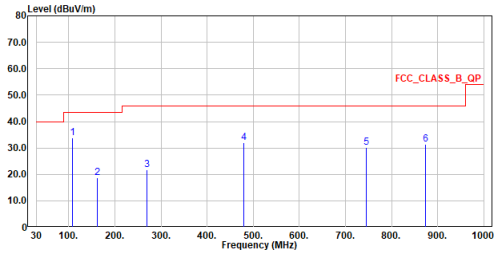
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	108.037	35.83	43.50	-7.67	41.81	-5.98	QP
2	270.269	32.22	46.00	-13.78	35.07	-2.85	QP
3	300.000	33.23	46.00	-12.77	35.30	-2.07	QP
4	492.060	26.23	46.00	-19.77	23.40	2.83	QP
5	614.716	27.62	46.00	-18.38	21.82	5.80	QP
6	862.600	31.58	46.00	-14.42	22.18	9.40	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_TX_2480MHz(4dBm)
Test By :Gary



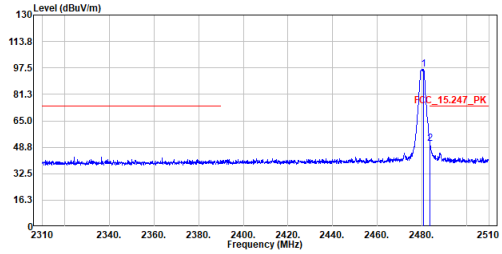
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	107.988	33.71	43.50	-9.79	39.70	-5.99	QP
2	161.193	18.71	43.50	-24.79	21.41	-2.70	QP
3	269.881	21.86	46.00	-24.14	24.72	-2.86	QP
4	480.032	31.97	46.00	-14.03	29.39	2.58	QP
5	744.551	30.20	46.00	-15.80	22.31	7.89	QP
6	873.415	31.33	46.00	-14.67	21.99	9.34	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Above 1 GHz

Test Mode: Mode 1. EUT 1

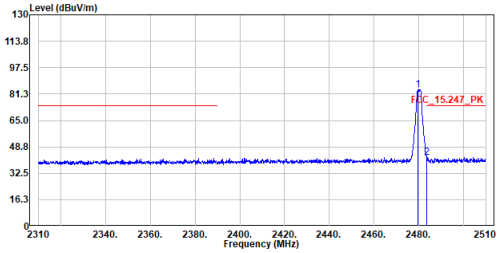
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.700	96.44	------	------	84.05	12.39	Peak
2	2483.600	51.05	74.00	-22.95	38.65	12.40	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

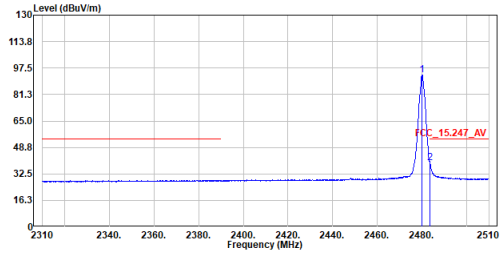
Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2479.600	83.75	------	------	71.36	12.39	Peak
2	2483.700	42.33	74.00	-31.67	29.92	12.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

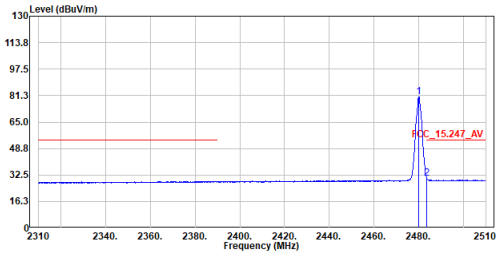
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.000	93.28	------	------	80.89	12.39	Average
2	2483.600	39.17	54.00	-14.83	26.77	12.40	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

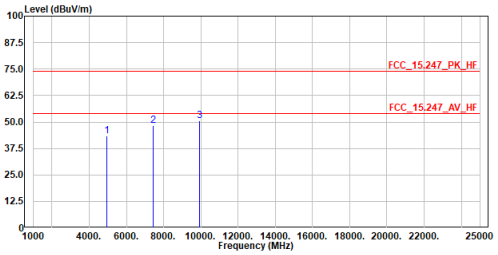
Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.100	80.69	------	------	68.30	12.39	Average
2	2483.600	30.56	54.00	-23.44	18.16	12.40	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

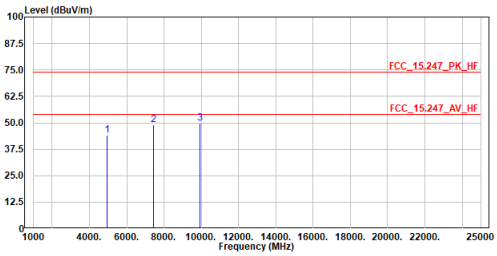
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	43.47	74.00	-30.53	57.61	-14.14	Peak
2	7440.000	48.43	74.00	-25.57	56.16	-7.73	Peak
3	9920.000	50.65	74.00	-23.35	54.57	-3.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary

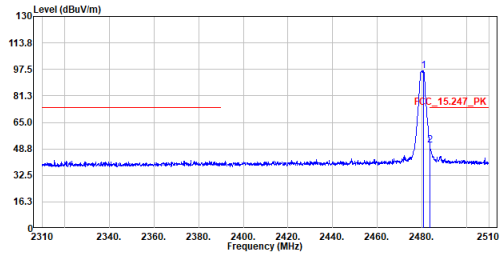


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	44.31	74.00	-29.69	58.45	-14.14	Peak
2	7440.000	48.89	74.00	-25.11	56.62	-7.73	Peak
3	9920.000	49.97	74.00	-24.03	53.89	-3.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Test Mode: Mode 2. EUT 4

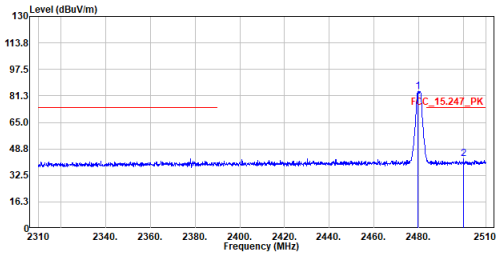
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.700	96.44	------	------	84.05	12.39	Peak
2	2483.600	51.03	74.00	-22.97	38.63	12.40	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

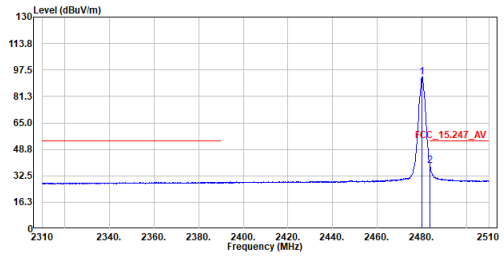
Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2479.600	83.75	------	------	71.36	12.39	Peak
2	2500.000	42.67	74.00	-31.33	30.18	12.49	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

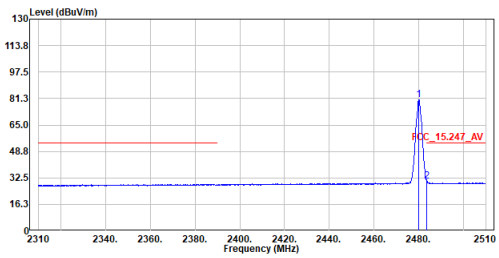
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.100	93.39	------	------	81.00	12.39	Average
2	2483.600	38.83	54.00	-15.17	26.43	12.40	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

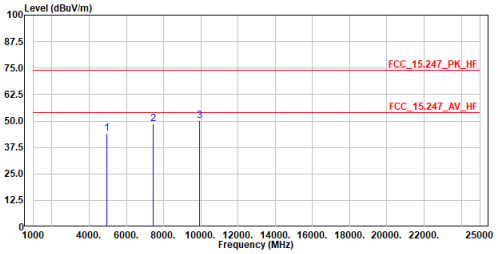
Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.000	80.61	------	------	68.22	12.39	Average
2	2483.600	30.66	54.00	-23.34	18.26	12.40	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

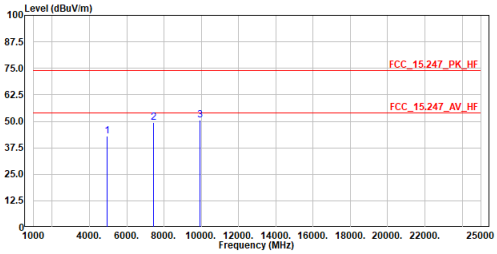
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	44.03	74.00	-29.97	58.17	-14.14	Peak
2	7440.000	48.69	74.00	-25.31	56.42	-7.73	Peak
3	9920.000	50.17	74.00	-23.83	54.09	-3.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_TX_2480MHz(4dBm)
Test By :Gary



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	43.17	74.00	-30.83	57.31	-14.14	Peak
2	7440.000	49.43	74.00	-24.57	57.16	-7.73	Peak
3	9920.000	50.69	74.00	-23.31	54.61	-3.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.