

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Report No.: RFBBUI-WTW-P26020159-1

FCC ID: TX2-RTL8922D

Product: 11be RTL8922D M.2 1216 Combo module

Brand: REALTEK

Model No.: RTL8922D

Received Date: 2026/2/9

Test Date: 2026/5/22 ~ 2026/6/9

Issued Date: 2026/7/21

Applicant: Realtek Semiconductor Corp.

Address: No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

Lab Address: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

FCC Registration / 723255 / TW2022

Designation Number:

Approved by:  , **Date:** 2026/7/21
Wen Yu / Assistant Manager

This test report consists of 126 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The test results in the report only apply to the tested sample. The test results in this report are traceable to the national or international standards.

Prepared by: Vito Lung / Specialist



This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and 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. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the 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 based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that 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.

Table of Contents

Release Control Record	4
1 Certificate.....	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Supplementary Information	6
3 General Information	7
3.1 General Description	7
3.2 Antenna Description of EUT	8
3.3 Channel List	9
3.4 Test Mode Applicability and Tested Channel Detail	10
3.5 Duty Cycle of Test Signal	11
3.6 Test Program Used and Operation Descriptions	12
3.7 Connection Diagram of EUT and Peripheral Devices	12
3.8 Configuration of Peripheral Devices and Cable Connections	13
4 Test Instruments	14
4.1 RF Output Power	14
4.2 Power Spectral Density	14
4.3 6 dB Bandwidth	14
4.4 Conducted Out of Band Emissions	14
4.5 AC Power Conducted Emissions	15
4.6 Unwanted Emissions below 1 GHz	15
4.7 Unwanted Emissions above 1 GHz	16
5 Limits of Test Items.....	17
5.1 RF Output Power	17
5.2 Power Spectral Density	17
5.3 6 dB Bandwidth	17
5.4 Conducted Out of Band Emissions	17
5.5 AC Power Conducted Emissions	17
5.6 Unwanted Emissions below 1 GHz	18
5.7 Unwanted Emissions above 1 GHz	18
6 Test Arrangements	19
6.1 RF Output Power	19
6.1.1 Test Setup	19
6.1.2 Test Procedure	19
6.2 Power Spectral Density	19
6.2.1 Test Setup	19
6.2.2 Test Procedure	19
6.3 6 dB Bandwidth	20
6.3.1 Test Setup	20
6.3.2 Test Procedure	20
6.4 Conducted Out of Band Emissions	21
6.4.1 Test Setup	21
6.4.2 Test Procedure	21
6.5 AC Power Conducted Emissions	22
6.5.1 Test Setup	22
6.5.2 Test Procedure	22
6.6 Unwanted Emissions below 1 GHz	23
6.6.1 Test Setup	23
6.6.2 Test Procedure	24
6.7 Unwanted Emissions above 1 GHz	25
6.7.1 Test Setup	25
6.7.2 Test Procedure	25
7 Test Results of Test Item	26

7.1	RF Output Power.....	26
7.2	Power Spectral Density	35
7.3	6 dB Bandwidth	39
7.4	Conducted Out of Band Emissions	43
7.5	AC Power Conducted Emissions	52
7.6	Unwanted Emissions below 1 GHz	54
7.7	Unwanted Emissions above 1 GHz.....	62
8	Pictures of Test Arrangements	125
9	Information of the Testing Laboratories	126

Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P26020159-1	Original release.	2026/7/21

1 Certificate

Product: 11be RTL8922D M.2 1216 Combo module

Brand: REALTEK

Test Model: RTL8922D

Sample Status: Engineering sample

Applicant: Realtek Semiconductor Corp.

Test Date: 2026/5/22 ~ 2026/6/9

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Measurement ANSI C63.10-2020

procedure: KDB 558074 D01 15.247 Meas Guidance v05r02

KDB 662911 D01 Multiple Transmitter Output v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Standard / Clause	Test Item	Result	Remark
15.247(b)	RF Output Power	Pass	Meet the requirement of limit.
15.247(e)	Power Spectral Density	Pass	Meet the requirement of limit.
15.247(a)(2)	6 dB Bandwidth	Pass	Meet the requirement of limit.
15.247(d)	Conducted Out of Band Emissions	Pass	Meet the requirement of limit.
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -13.66 dB at 0.49375 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -8.8 dB at 697.00 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -5.7 dB at 2390.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is IPEX, MHF4, MHF4L, not a standard connector.

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

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
RF Output Power	-	1.1 dB
Power Spectral Density	-	1.3 dB
6 dB Bandwidth	-	1050.00 Hz
Conducted Out of Band Emissions	9 kHz ~ 40 GHz	2.6 dB
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.4 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.0 dB
	18 GHz ~ 40 GHz	5.3 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description

Product	11be RTL8922D M.2 1216 Combo module
Brand	REALTEK
Test Model	RTL8922D
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	GFSK, pi/4-QPSK, 8PSK, 16QAM
Modulation Technology	DTS
Transfer Rate	125 kbps / 500 kbps / 1 Mbps / 2 Mbps / 3 Mbps / 4 Mbps / 6 Mbps / 7.5 Mbps
Operating Frequency	2.402 GHz ~ 2.48 GHz
Number of Channel	40
Output Power	66.55 mW (18.23 dBm)

Note:

1. There are Bluetooth and WLAN (2.4 GHz & 5 GHz & 6 GHz) technology used for the EUT.
2. Simultaneously transmission combination.

1Tx		
Combination	Technology	
	S0 (Chain 1)	S1 (Chain 0)
1	WLAN (5 GHz)_H	Bluetooth + WLAN (5 GHz)_L
2	WLAN (6 GHz)	Bluetooth + WLAN (5 GHz)_H
3	WLAN (5 GHz)_H	Bluetooth + WLAN (6 GHz)
4	WLAN (2.4 GHz)	WLAN (5 GHz) Full
5	WLAN (2.4 GHz)	WLAN (6 GHz)
6	WLAN (5 GHz) Full	Bluetooth
7	WLAN (6 GHz)	Bluetooth
2Tx		
1	WLAN (5 GHz)_H + Bluetooth	WLAN (5 GHz)_H + Bluetooth
2	WLAN (5 GHz)_H	WLAN (5 GHz)_H + Bluetooth
3	WLAN (6 GHz) + Bluetooth	WLAN (6 GHz) + Bluetooth

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Set	EUT Port No.	RF Chain No.	Brand	Model	Antenna Net Gain(dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	1/2	Chain0/1	REALTEK	RTK-ANT-0022	3.4	2.4~2.4835	PIFA	IPEX, MHF4	300
					5	5.15~5.85			
					5	5.925~7.125			
2	1/2	Chain0/1	HongBo	260-25096	3.11	2.4~2.4835	Monopole	MHF4L	300
					4.91	5.15~5.85			
					4.73	5.925~7.125			

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

3.3 Channel List

40 channels are provided for BT-LE:

RF Channel	RF Center Frequency (MHz)	Channel Index	Channels allowed for LE PHYs		
			1Msym/s with Data Rate 1Mbps / 500kbps / 125kbps	2Msym/s with Data Rate 2Mbps	LE HDT
0	2402	37	●	*	*
1	2404	0	●	●	●
2	2406	1	●	●	●
3	2408	2	●	●	●
4	2410	3	●	●	●
5	2412	4	●	●	●
6	2414	5	●	●	●
7	2416	6	●	●	●
8	2418	7	●	●	●
9	2420	8	●	●	●
10	2422	9	●	●	●
11	2424	10	●	●	●
12	2426	38	●	*	*
13	2428	11	●	●	●
14	2430	12	●	●	●
15	2432	13	●	●	●
16	2434	14	●	●	●
17	2436	15	●	●	●
18	2438	16	●	●	●
19	2440	17	●	●	●
20	2442	18	●	●	●
21	2444	19	●	●	●
22	2446	20	●	●	●
23	2448	21	●	●	●
24	2450	22	●	●	●
25	2452	23	●	●	●
26	2454	24	●	●	●
27	2456	25	●	●	●
28	2458	26	●	●	●
29	2460	27	●	●	●
30	2462	28	●	●	●
31	2464	29	●	●	●
32	2466	30	●	●	●
33	2468	31	●	●	●
34	2470	32	●	●	●
35	2472	33	●	●	●
36	2474	34	●	●	●
37	2476	35	●	●	●
38	2478	36	●	●	●
39	2480	39	●	*	*

*The channels 2402 MHz, 2426 MHz and 2480 MHz are used for primary advertising only, and these advertisement packets are never being sent over the these PHYs.

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The PIFA/ monopole antenna can be used in the following ways: X / Y / Z axis. Pre-scan in these ways and find the worst case as a representative test condition. 2. For 1Tx diversity configuration. Pre-scan in these chains and find the worst case as a representative test condition. 3. BT LE-1M, LE-125k, LE-500k of these modes under the same 1 Msym/s modulation scheme, but the data rates are different; based on the same modulation scheme, pre-scan all of these modes and find the worst case as a representative test mode 4. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.
Worst Case:	1. The antenna sets of the worst case was found when positioned on (X / Y / Z axis) ➤ PIFA antenna: Y axis ➤ Monopole antenna: X axis 2. For 1Tx diversity configuration the worst chain is: Chain0 (S1) 3. For 1Msym/s modulation scheme the worst mode is: LE 1M

Following channel(s) was (were) selected for the final test as listed below:

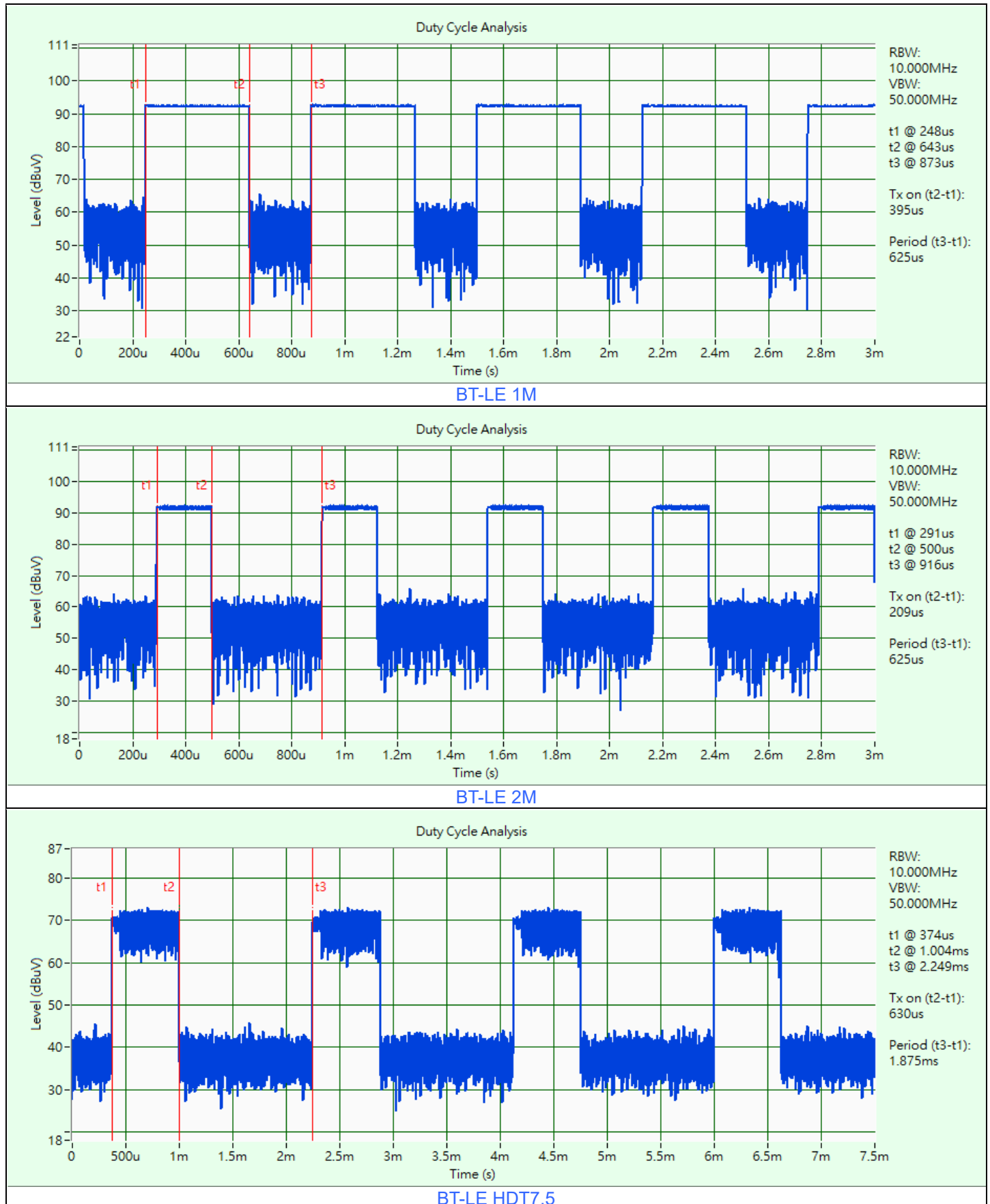
Test Item	EUT Configure Mode	Transmitter Configuration	Mode	Tested Channel	Modulation	Data Rate Parameter
RF Output Power	-	1Tx / 2Tx	BT-LE 125k	0, 19, 39	GFSK	125kb/s
			BT-LE 500k	0, 19, 39	GFSK	500kb/s
			BT-LE 1M	0, 19, 39	GFSK	1Mb/s
			BT-LE 2M	1, 19, 38	GFSK	2Mb/s
			BT-LE HDT2	1, 19, 38	pi/4-QPSK	2Mb/s
			BT-LE HDT3	1, 19, 38	pi/4-QPSK	3Mb/s
			BT-LE HDT4	1, 19, 38	8PSK	4Mb/s
			BT-LE HDT6	1, 19, 38	16QAM	6Mb/s
Power Spectral Density	-	1Tx / 2Tx	BT-LE HDT7.5	1, 19, 38	16QAM	7.5Mb/s
			BT-LE 1M	0, 19, 39	GFSK	1Mb/s
			BT-LE 2M	1, 19, 38	GFSK	2Mb/s
6 dB Bandwidth / Conducted Out of Band Emissions	-	1Tx / 2Tx	BT-LE HDT7.5	1, 19, 38	16QAM	7.5Mb/s
			BT-LE 1M	0, 19, 39	GFSK	1Mb/s
			BT-LE 2M	1, 19, 38	GFSK	2Mb/s
AC Power Conducted Emissions	A	2Tx	BT-LE 2M	39	GFSK	2Mb/s
Unwanted Emissions below 1 GHz	A, B	1Tx	BT-LE 1M	39	GFSK	1Mb/s
		2Tx	BT-LE 2M	39	GFSK	2Mb/s
Unwanted Emissions above 1 GHz	A, B	1Tx / 2Tx	BT-LE 1M	0, 19, 39	GFSK	1Mb/s
			BT-LE 2M	1, 19, 38	GFSK	2Mb/s
			BT-LE HDT7.5	1, 19, 38	16QAM	7.5Mb/s
EUT Configure Mode:	A	PIFA antenna (Model: RTK-ANT-0022)				
	B	Monopole antenna (Model: 260-25096)				

3.5 Duty Cycle of Test Signal

BT-LE 1M: Duty cycle = $0.395 \text{ ms} / 0.625 \text{ ms} \times 100\% = 63.2\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 1.99 \text{ dB}$

BT-LE 2M: Duty cycle = $0.209 \text{ ms} / 0.625 \text{ ms} \times 100\% = 33.4\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 4.76 \text{ dB}$

BT-LE HDT7.5: Duty cycle = $0.63 \text{ ms} / 1.875 \text{ ms} \times 100\% = 33.6\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 4.74 \text{ dB}$



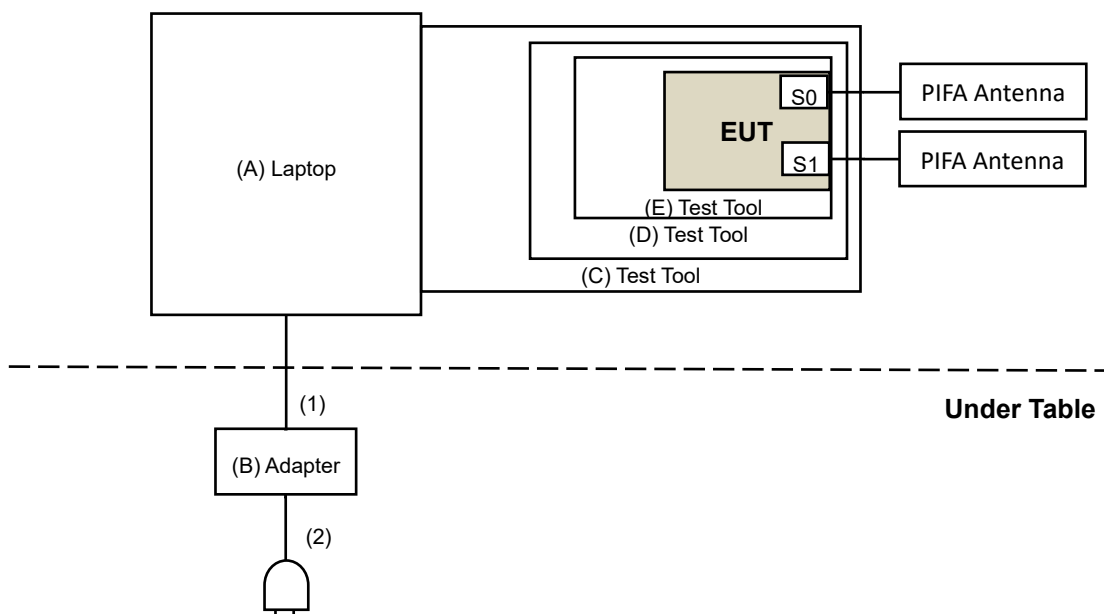
3.6 Test Program Used and Operation Descriptions

Controlling software (Realtek Bluetooth MP Kit Setup Package_V109(214101)) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

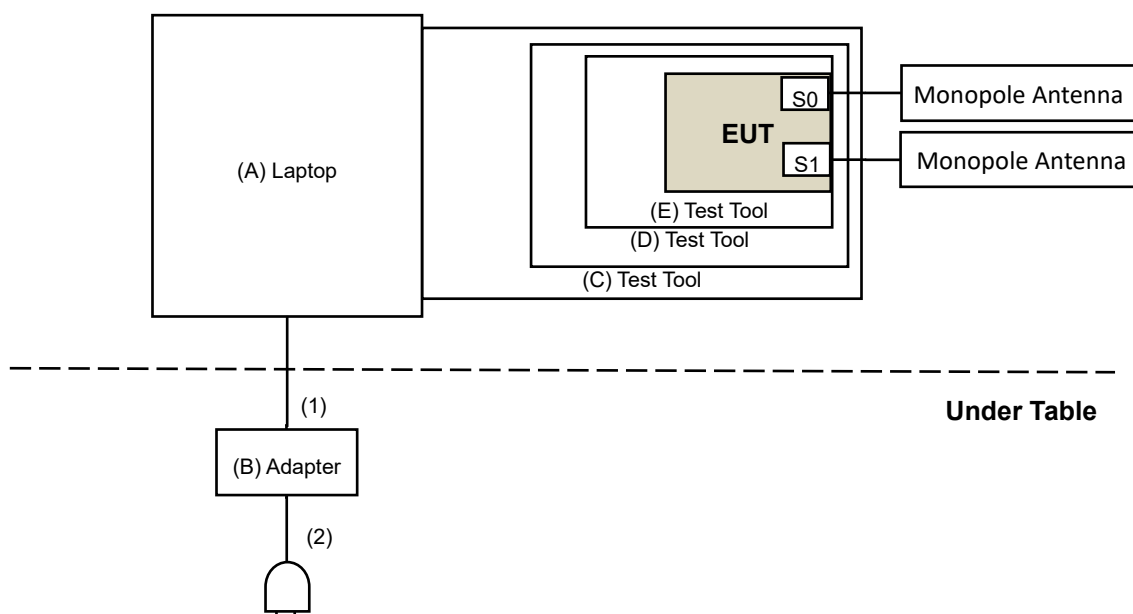
3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emissions test:

Mode A

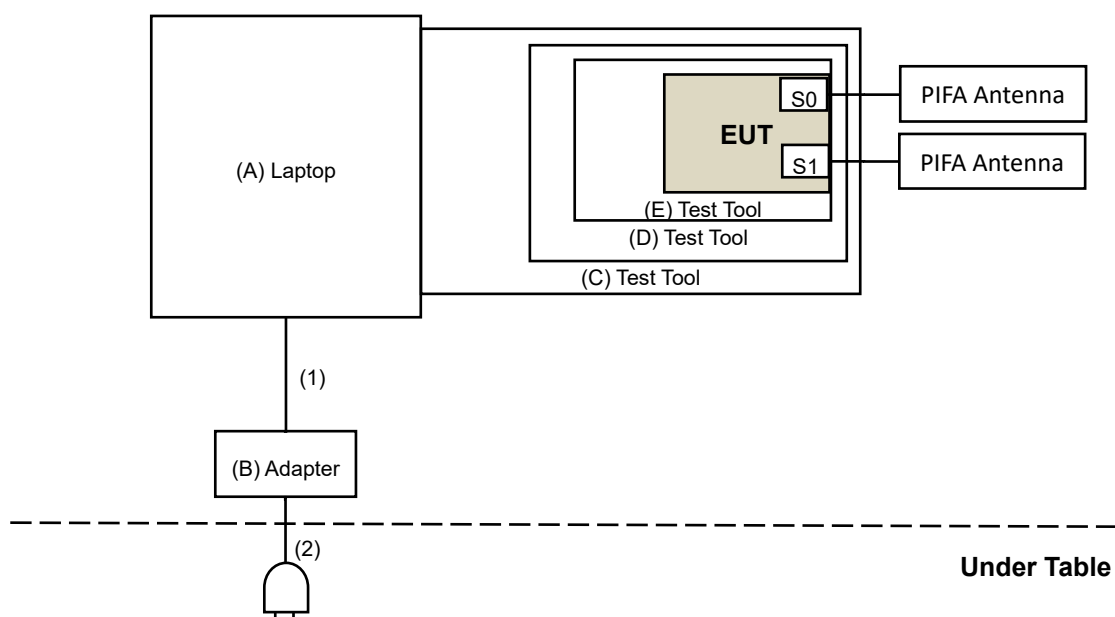


Mode B



For AC Power Conducted Emission test:

Mode A



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Notebook	DELL	E6230	G94PSY1	N/A	Provided by Lab
B	Adapter	DELL	LA65NM130	N/A	N/A	Provided by Lab
C	Test Tool	Realtek	MTE	N/A	N/A	Supplied by applicant
D	Test Tool	NFHK	N-9437 Ver2.0	N/A	N/A	Supplied by applicant
E	Test Tool	Realtek	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	0	0	Provided by Lab
2	AC Cable	1	1	0	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-20	00800A1K01A-20-02	2026/5/21	2027/5/20
Pulse Power Sensor Anritsu	MA2411B	1726433	2026/5/8	2027/5/7
RF Power Meter Anritsu	ML2496A	1920012	2026/5/8	2027/5/7

Notes:

1. The test was performed in HC - Oven room 2(Hsinchu).
2. Tested Date: 2026/6/5 ~ 2026/6/9

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
Software	ADT_RF Test Software v8.5.6.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSU26	101645	2025/7/28	2026/7/27

Notes:

1. The test was performed in HC - Oven room 2(Hsinchu).
2. Tested Date: 2026/6/5 ~ 2026/6/9

4.3 6 dB Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.4 Conducted Out of Band Emissions

Refer to section 4.2 to get the tested date and information of the instruments.

4.5 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2025/10/29	2026/10/28
EMI Test Receiver R&S	ESCS 30	100375	2026/5/20	2027/5/19
Fixed Attenuator STI	STI02-2200-10	005	2026/2/9	2027/2/8
LISN R&S	ESH3-Z5	835239/001	2026/3/30	2027/3/29
		848773/004	2025/10/3	2026/10/2
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2026/2/9	2027/2/8
Software BVADT	BVADT_Cond_V7.4.1.0	N/A	N/A	N/A

Notes:

1. The test was performed in HC - Conduction 1(Hsinchu).
2. Tested Date: 2026/5/22

4.6 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-361	2025/9/16	2026/9/15
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Fixed Attenuator Woken	00800N1G01A-05	00800N1G01A-05-003	2026/1/31	2027/1/30
Loop Antenna TESEQ	HLA 6121	63620	2025/10/20	2026/10/19
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5	2026/6/4
Preamplifier EMCI	EMC330N	980852	2026/1/31	2027/1/30
RF Coaxial Cable PEWC	8D	001	2026/1/31	2027/1/30
		966-3-2	2026/1/31	2027/1/30
		966-3-3	2026/1/31	2027/1/30
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/5/22

4.7 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-406	2025/11/9	2026/11/8
	BBHA 9170	9170-739	2025/11/9	2026/11/8
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5	2026/6/4
Preamplifier EMCI	EMC12630SE	980384	2026/1/10	2027/1/9
	EMC184045SE	980387	2025/8/7	2026/8/6
PXA Signal Analyzer Keysight	N9030B	MY57141948	2026/5/25	2027/5/24
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2026/1/15	2027/1/14
	EMC102-KM-KM-4000	200214	2026/1/15	2027/1/14
	EMC104-SM-SM-1500	180504	2026/1/17	2027/1/16
	EMC104-SM-SM-2000	180601	2026/1/17	2027/1/16
	EMC104-SM-SM-6000	210201	2026/1/17	2027/1/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/5/27 ~ 2026/6/4

5 Limits of Test Items

5.1 RF Output Power

For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30 dBm)

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

5.2 Power Spectral Density

The Maximum of Power Spectral Density Measurement is 8 dBm in any 3 kHz.

5.3 6 dB Bandwidth

The minimum of 6 dB Bandwidth Measurement is 0.5 MHz.

5.4 Conducted Out of Band Emissions

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

5.5 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.6 Unwanted Emissions below 1 GHz

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.7 Unwanted Emissions above 1 GHz

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

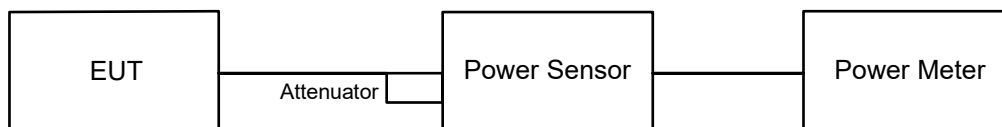
Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup



6.1.2 Test Procedure

Peak Power:

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

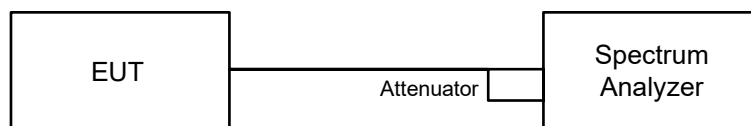
The power meter video bandwidth is greater than or equal to the DTS bandwidth and use a fast responding diode detector.

Average Power:

Average power sensor was used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

6.2 Power Spectral Density

6.2.1 Test Setup

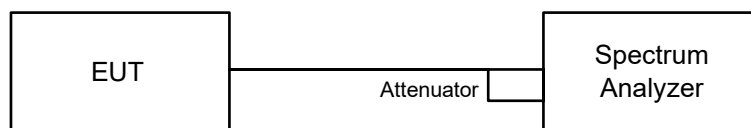


6.2.2 Test Procedure

- Set analyzer center frequency to DTS channel center frequency.
- Set the span > 1.5 times the DTS bandwidth.
- Set the RBW to: 3 kHz.
- Set the VBW $\geq 3 \times$ RBW.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.

6.3 6 dB Bandwidth

6.3.1 Test Setup

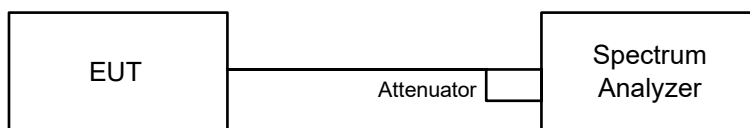


6.3.2 Test Procedure

- a. Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- b. Set the VBW $\geq [3 \times \text{RBW}]$.
- c. Detector = peak.
- d. Trace mode = max-hold.
- e. Sweep = No faster than coupled (auto) time.
- f. Allow the trace to stabilize.
- g. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

6.4 Conducted Out of Band Emissions

6.4.1 Test Setup



6.4.2 Test Procedure

MEASUREMENT PROCEDURE REF

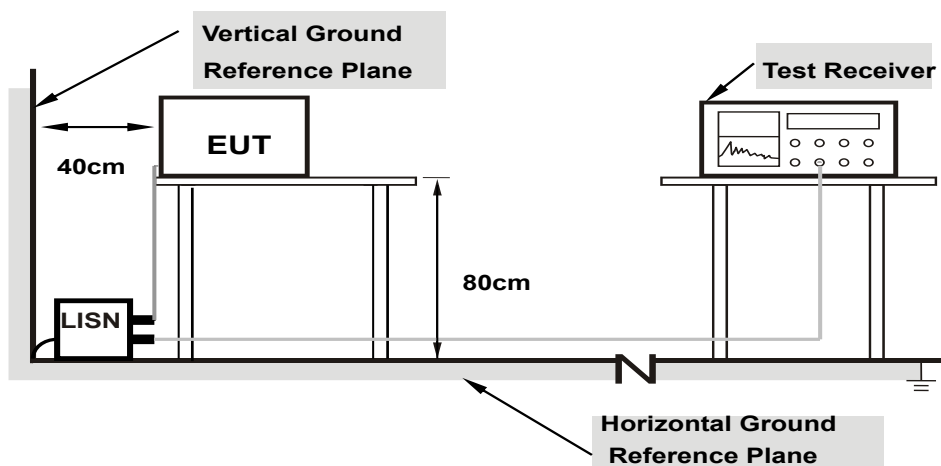
- Set instrument center frequency to DTS channel center frequency.
- Set the span to ≥ 1.5 times the DTS bandwidth.
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum PSD level.

MEASUREMENT PROCEDURE OOB

- Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.
- Set RBW = 100 kHz.
- Set VBW ≥ 300 kHz.
- Detector = peak.
- Sweep = No faster than coupled (auto) time.
- Trace Mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

6.5 AC Power Conducted Emissions

6.5.1 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.5.2 Test Procedure

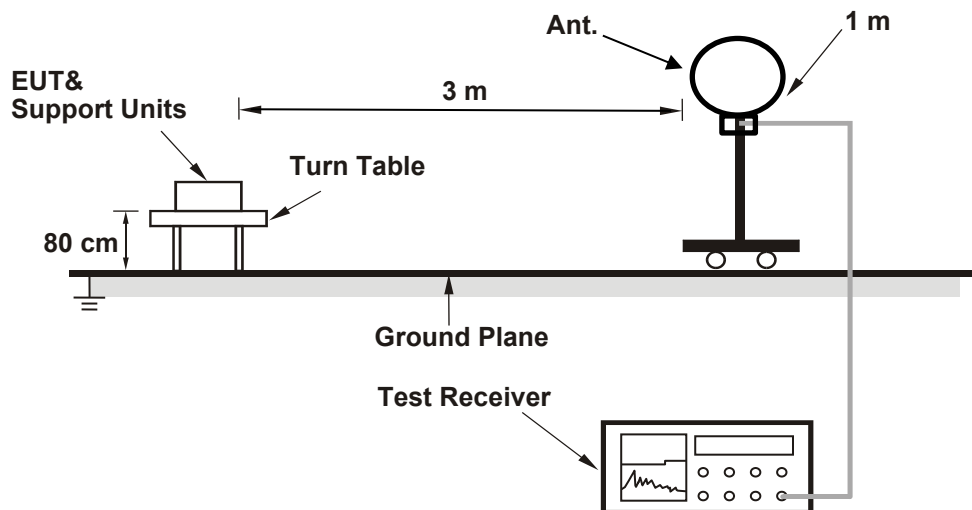
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

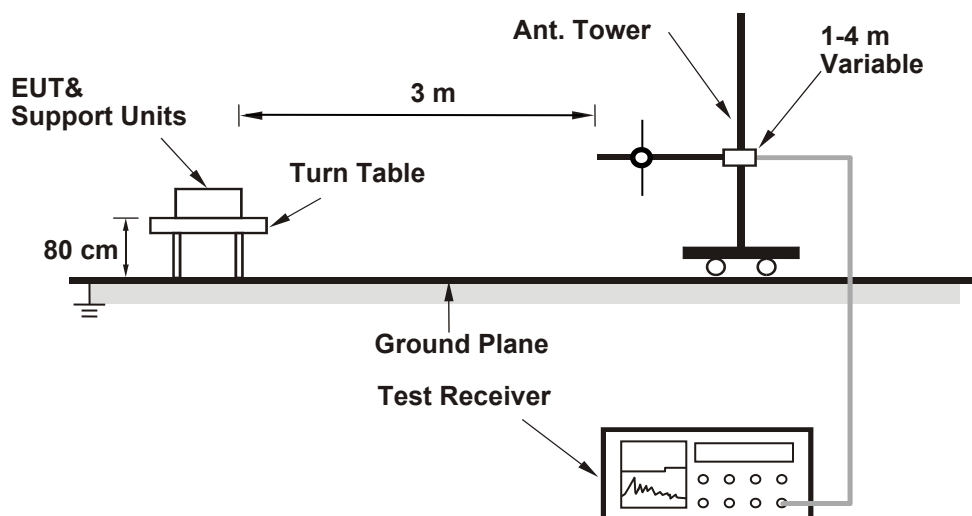
6.6 Unwanted Emissions below 1 GHz

6.6.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.6.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode (however, peak detector measurements may be used to determine compliance with QP requirements), except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

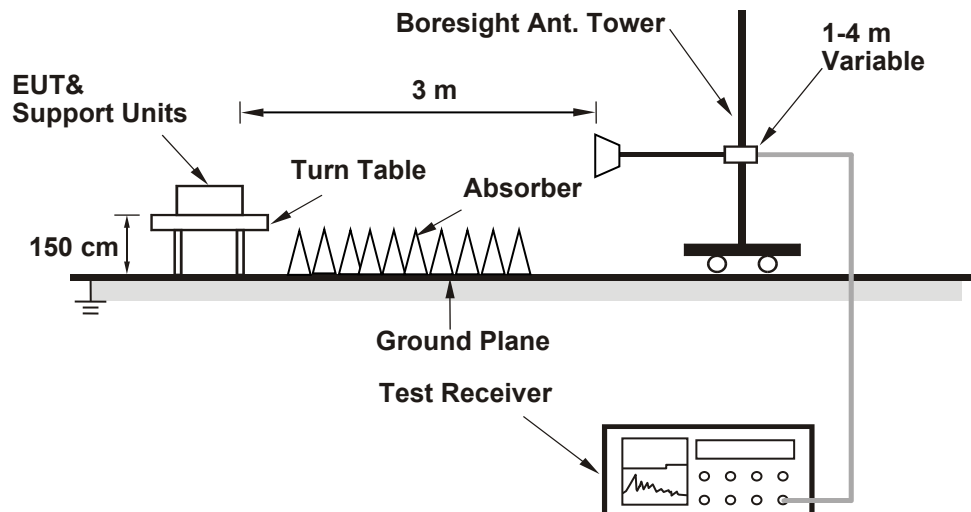
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-peak(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequencies less than or equal to 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz (however, peak detector measurements may be used to determine compliance with QP requirements).
2. All modes of operation were investigated and the worst-case emissions are reported.

6.7 Unwanted Emissions above 1 GHz

6.7.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.7.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver/spectrum analyzer was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
-
- All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 RF Output Power

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

1Tx

For Peak Power

BT-LE 125k

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
0	2402	13.868	11.42	30	Pass
19	2440	15.276	11.84	30	Pass
39	2480	16.293	12.12	30	Pass

Note: The antenna gain is 3.4 dBi <= 6 dBi, so the output power limit shall not be reduced.

BT-LE 500k

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
0	2402	14.521	11.62	30	Pass
19	2440	14.859	11.72	30	Pass
39	2480	16.482	12.17	30	Pass

Note: The antenna gain is 3.4 dBi <= 6 dBi, so the output power limit shall not be reduced.

BT-LE 1M

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
0	2402	14.191	11.52	30	Pass
19	2440	15.241	11.83	30	Pass
39	2480	17.022	12.31	30	Pass

Note: The antenna gain is 3.4 dBi <= 6 dBi, so the output power limit shall not be reduced.

BT-LE 2M

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	13.709	11.37	30	Pass
19	2440	14.825	11.71	30	Pass
38	2478	16.144	12.08	30	Pass

Note: The antenna gain is 3.4 dBi <= 6 dBi, so the output power limit shall not be reduced.

BT-LE HDT2

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	17.579	12.45	30	Pass
19	2440	20.184	13.05	30	Pass
38	2478	21.777	13.38	30	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

BT-LE HDT3

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	18.664	12.71	30	Pass
19	2440	20.324	13.08	30	Pass
38	2478	20.512	13.12	30	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

BT-LE HDT4

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	19.187	12.83	30	Pass
19	2440	20.184	13.05	30	Pass
38	2478	20.941	13.21	30	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

BT-LE HDT6

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	27.353	14.37	30	Pass
19	2440	29.174	14.65	30	Pass
38	2478	31.769	15.02	30	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2404	29.309	14.67	30	Pass
19	2440	31.842	15.03	30	Pass
38	2478	35.318	15.48	30	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

For Average Power

BT-LE 125k

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
0	2402	13.032	11.15
19	2440	13.868	11.42
39	2480	14.894	11.73

BT-LE 500k

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
0	2402	13.521	11.31
19	2440	13.932	11.44
39	2480	15.668	11.95

BT-LE 1M

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
0	2402	13.552	11.32
19	2440	14.256	11.54
39	2480	15.74	11.97

BT-LE 2M

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	12.677	11.03
19	2440	13.646	11.35
38	2478	14.928	11.74

BT-LE HDT2

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	9.376	9.72
19	2440	9.886	9.95
38	2478	11.169	10.48

BT-LE HDT3

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	9.616	9.83
19	2440	9.954	9.98
38	2478	10.889	10.37

BT-LE HDT4

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	9.954	9.98
19	2440	10.093	10.04
38	2478	11.015	10.42

BT-LE HDT6

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	10.162	10.07
19	2440	10.328	10.14
38	2478	11.298	10.53

BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	10.304	10.13
19	2440	10.495	10.21
38	2478	11.668	10.67

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

2Tx

For Peak Power

BT-LE 125k

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
0	2402	11.38	11.75	28.703	14.58	29.59	Pass
19	2440	11.72	11.71	29.685	14.73	29.59	Pass
39	2480	11.98	11.64	30.364	14.82	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE 500k

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
0	2402	11.54	11.56	28.578	14.56	29.59	Pass
19	2440	11.83	11.53	29.464	14.69	29.59	Pass
39	2480	12.12	11.62	30.814	14.89	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE 1M

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
0	2402	11.48	11.93	29.656	14.72	29.59	Pass
19	2440	11.74	11.88	30.345	14.82	29.59	Pass
39	2480	12.19	11.61	31.045	14.92	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE 2M

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	11.28	11.87	28.809	14.60	29.59	Pass
19	2440	11.58	11.83	29.629	14.72	29.59	Pass
38	2478	11.93	11.61	30.083	14.78	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE HDT2

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	12.33	13.27	38.333	15.84	29.59	Pass
19	2440	12.91	13.16	40.245	16.05	29.59	Pass
38	2478	13.21	12.91	40.485	16.07	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE HDT3

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	12.59	13.12	38.667	15.87	29.59	Pass
19	2440	12.97	13.27	41.048	16.13	29.59	Pass
38	2478	12.91	13.45	41.674	16.20	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE HDT4

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	12.72	13.01	38.705	15.88	29.59	Pass
19	2440	12.97	13.41	41.743	16.21	29.59	Pass
38	2478	13.12	13.71	44.008	16.44	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE HDT6

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	14.25	14.62	55.581	17.45	29.59	Pass
19	2440	14.54	14.73	58.161	17.65	29.59	Pass
38	2478	14.78	14.90	60.964	17.85	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2404	14.51	14.65	57.423	17.59	29.59	Pass
19	2440	14.92	15.04	62.961	17.99	29.59	Pass
38	2478	15.32	15.12	66.55	18.23	29.59	Pass

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.41 - 6) = 29.59$ dBm.

For Average Power

BT-LE 125k

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
0	2402	11.06	11.43	26.664	14.26
19	2440	11.34	11.54	27.871	14.45
39	2480	11.67	11.23	27.963	14.47

BT-LE 500k

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
0	2402	11.20	11.24	26.487	14.23
19	2440	11.51	11.21	27.371	14.37
39	2480	11.80	11.29	28.594	14.56

BT-LE 1M

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
0	2402	11.21	11.62	27.734	14.43
19	2440	11.42	11.59	28.289	14.52
39	2480	11.83	11.30	28.73	14.58

BT-LE 2M

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	10.95	11.53	26.668	14.26
19	2440	11.23	11.51	27.432	14.38
38	2478	11.62	11.29	27.98	14.47

BT-LE HDT2

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	9.58	10.21	19.574	12.92
19	2440	9.82	10.21	20.089	13.03
38	2478	10.32	10.02	20.811	13.18

BT-LE HDT3

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	9.71	10.23	19.898	12.99
19	2440	9.85	10.43	20.701	13.16
38	2478	10.25	10.39	21.532	13.33

BT-LE HDT4

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	9.87	10.07	19.868	12.98
19	2440	9.96	10.13	20.212	13.06
38	2478	10.31	10.24	21.308	13.29

BT-LE HDT6

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	9.92	10.10	20.05	13.02
19	2440	10.05	10.17	20.515	13.12
38	2478	10.42	10.27	21.657	13.36

BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2404	10.03	10.17	20.469	13.11
19	2440	10.12	10.23	20.824	13.19
38	2478	10.53	10.31	22.038	13.43

7.2 Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

1Tx

BT-LE 1M

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
0	2402	-4.99	8	Pass
19	2440	-3.12	8	Pass
39	2480	-3.85	8	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

BT-LE 2M

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2404	-6.79	8	Pass
19	2440	-6.27	8	Pass
38	2478	-5.41	8	Pass

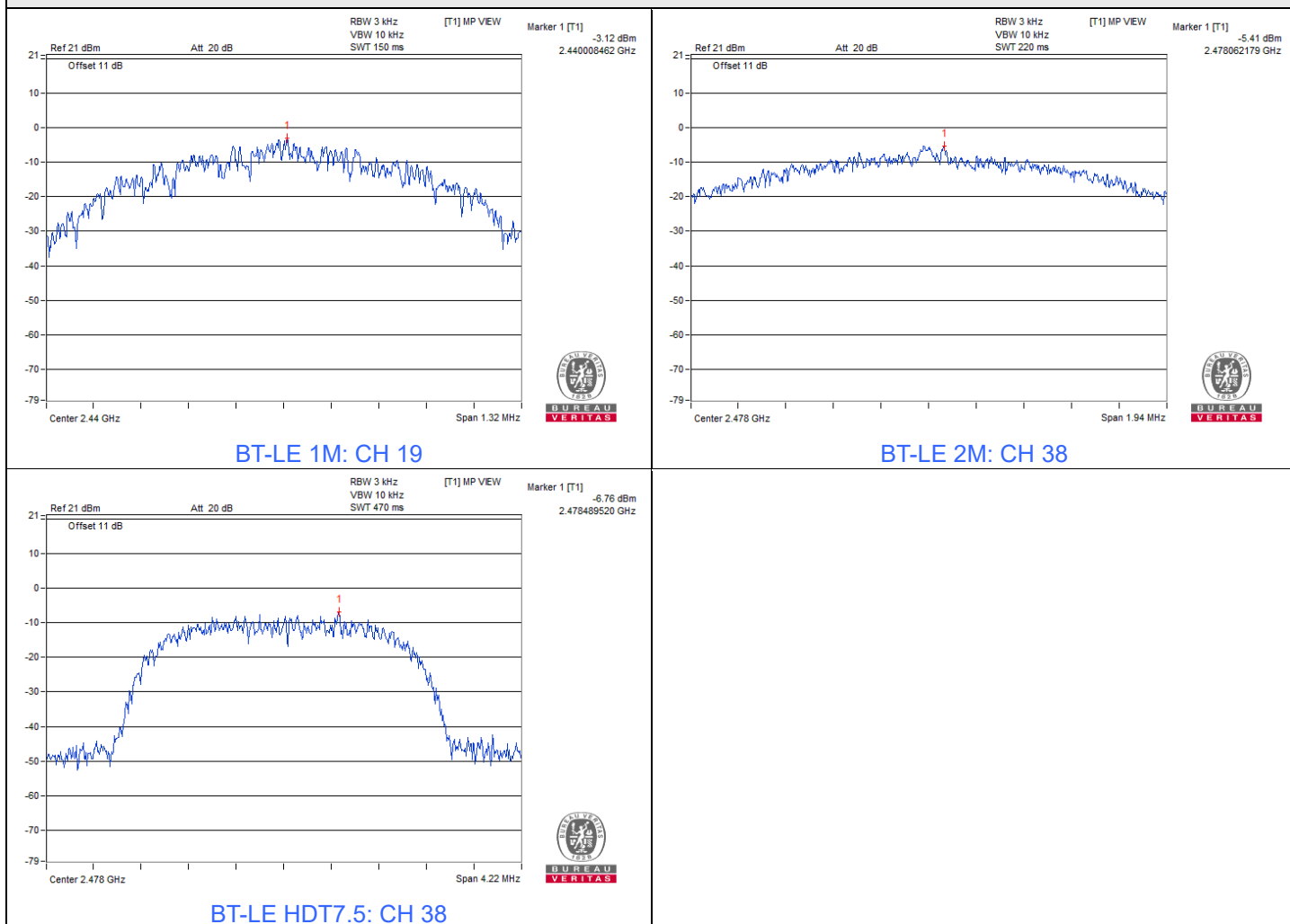
Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2404	-7.95	8	Pass
19	2440	-7.23	8	Pass
38	2478	-6.76	8	Pass

Note: The antenna gain is 3.4 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

Spectrum Plot of Maximum Value



Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

2Tx

BT-LE 1M

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
0	2402	-1.46	-0.85	1.87	7.59	Pass
19	2440	-1.86	-4.28	0.11	7.59	Pass
39	2480	-2.65	-3.65	-0.11	7.59	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.41 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.41 - 6) = 7.59$ dBm/3kHz.

BT-LE 2M

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2404	-6.51	-3.92	-2.01	7.59	Pass
19	2440	-6.31	-4.43	-2.26	7.59	Pass
38	2478	-4.41	-3.57	-0.96	7.59	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.41 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.41 - 6) = 7.59$ dBm/3kHz.

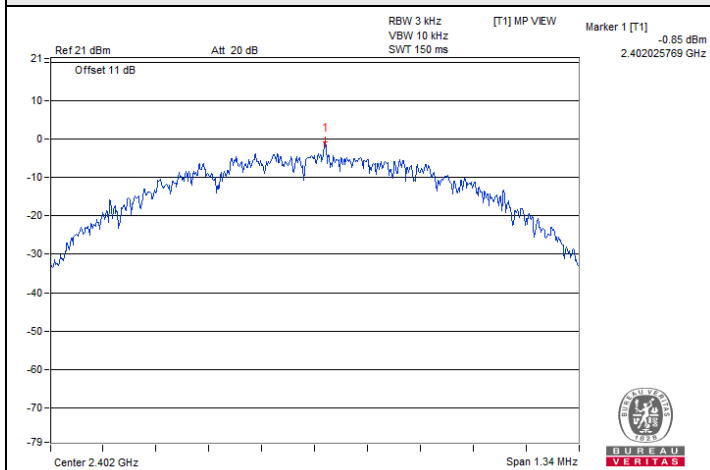
BT-LE HDT7.5

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2404	-7.80	-6.59	-4.14	7.59	Pass
19	2440	-6.84	-6.58	-3.70	7.59	Pass
38	2478	-6.35	-7.16	-3.73	7.59	Pass

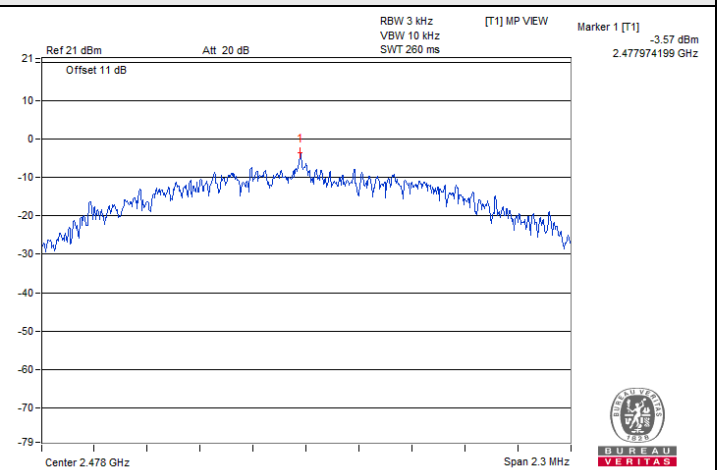
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.41 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.41 - 6) = 7.59$ dBm/3kHz.

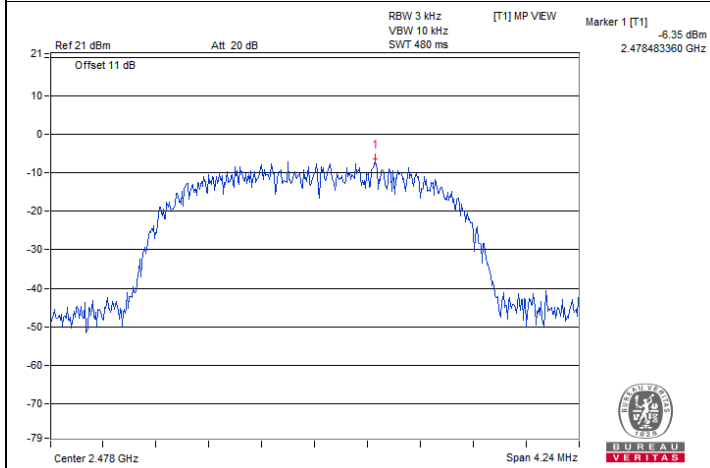
Spectrum Plot of Maximum Value



BT-LE 1M / Chain 1: CH 0



BT-LE 2M / Chain 1: CH 38



BT-LE HDT7.5 2TX / Chain 0: CH 38

7.3 6 dB Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

1Tx

BT-LE 1M

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
0	2402	0.66	0.5	Pass
19	2440	0.66	0.5	Pass
39	2480	0.66	0.5	Pass

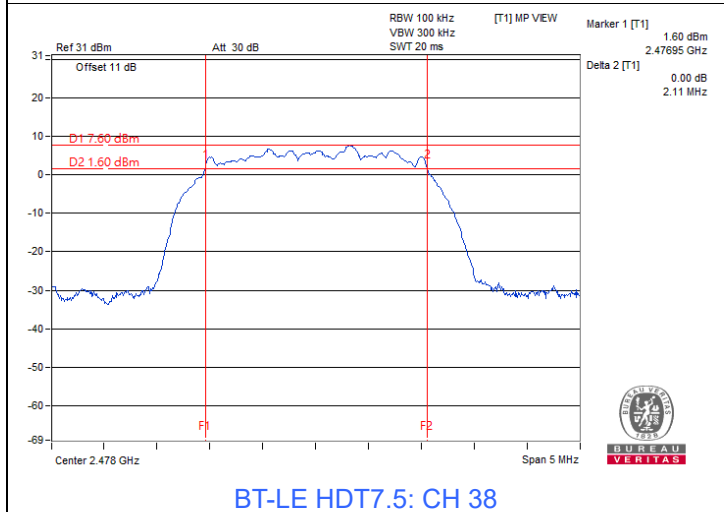
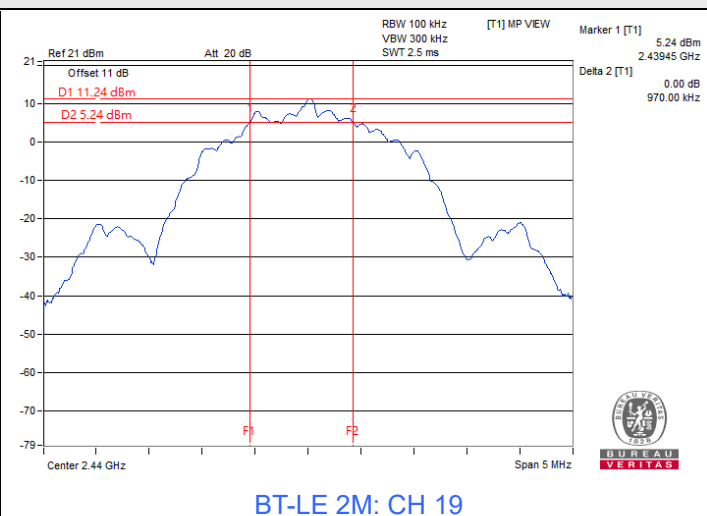
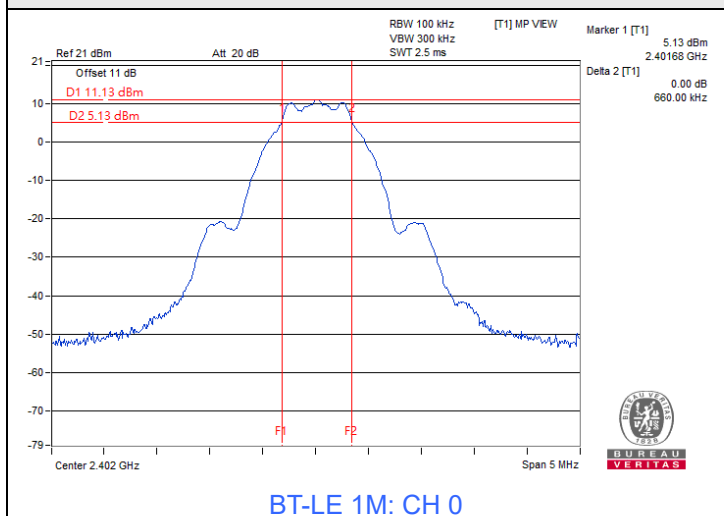
BT-LE 2M

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2404	1.14	0.5	Pass
19	2440	0.97	0.5	Pass
38	2478	0.97	0.5	Pass

BT-LE HDT7.5

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2404	2.12	0.5	Pass
19	2440	2.12	0.5	Pass
38	2478	2.11	0.5	Pass

Spectrum Plot of Minimum Value



Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

2Tx

BT-LE 1M

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
0	2402	0.67	0.67	0.5	Pass
19	2440	0.66	0.67	0.5	Pass
39	2480	0.68	0.66	0.5	Pass

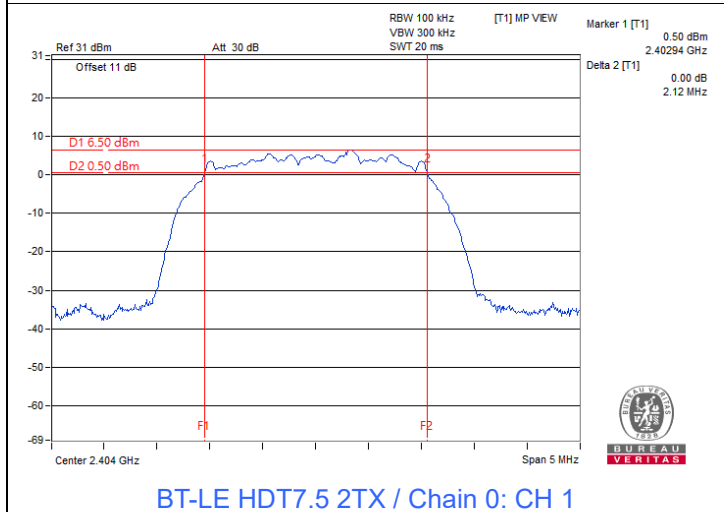
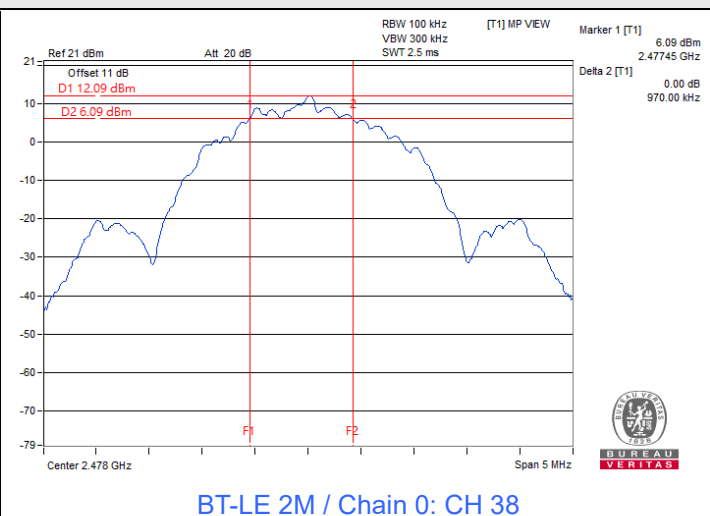
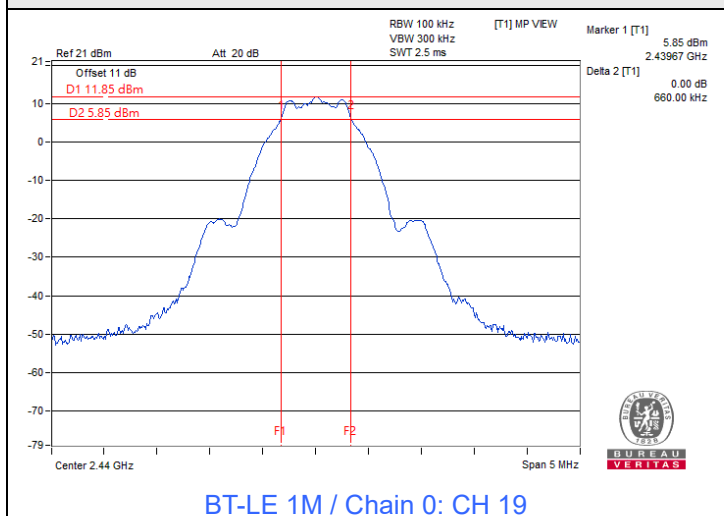
BT-LE 2M

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2404	0.98	1.14	0.5	Pass
19	2440	1.15	1.15	0.5	Pass
38	2478	0.97	1.15	0.5	Pass

BT-LE HDT7.5

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2404	2.12	2.12	0.5	Pass
19	2440	2.12	2.12	0.5	Pass
38	2478	2.12	2.12	0.5	Pass

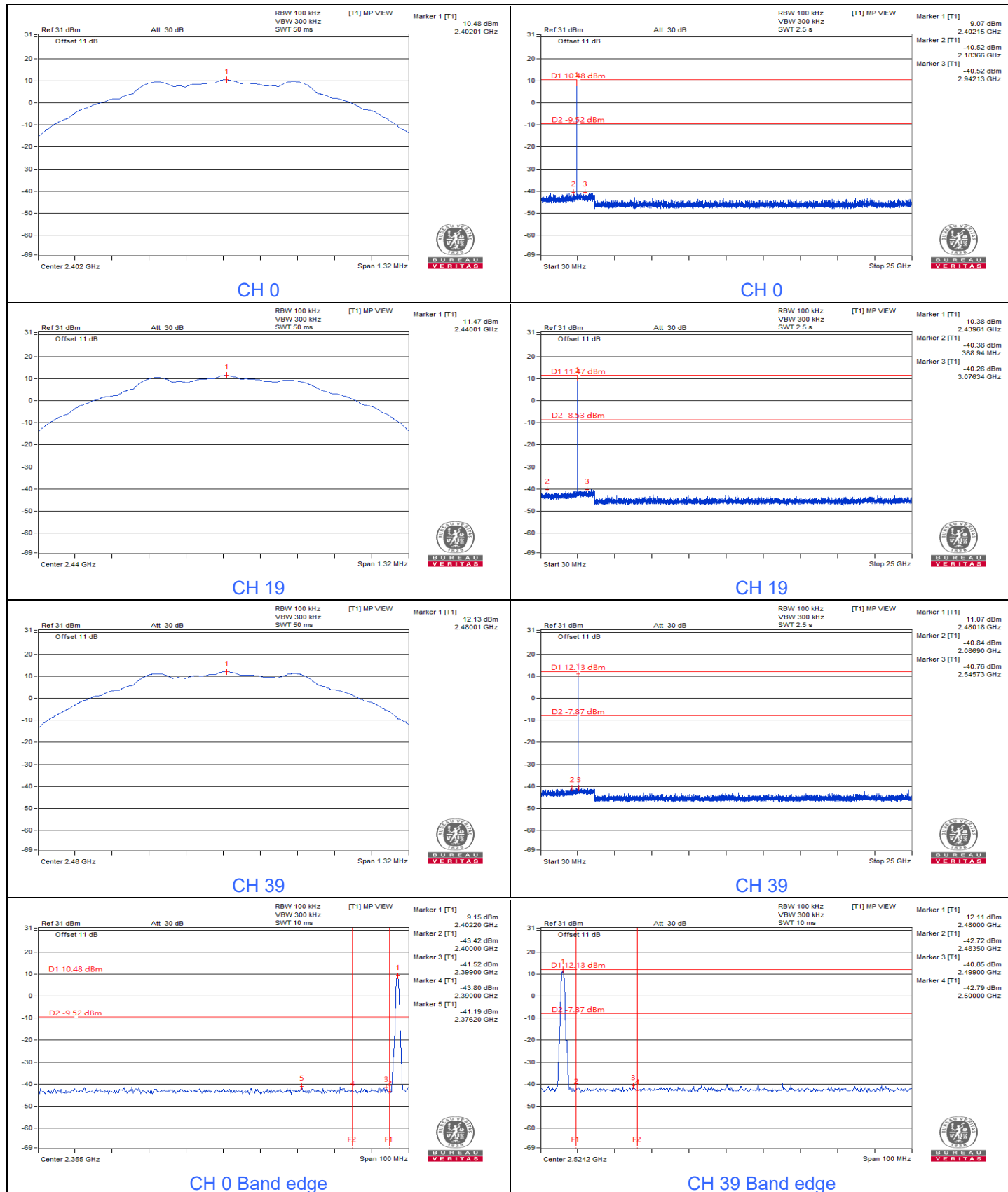
Spectrum Plot of Minimum Value



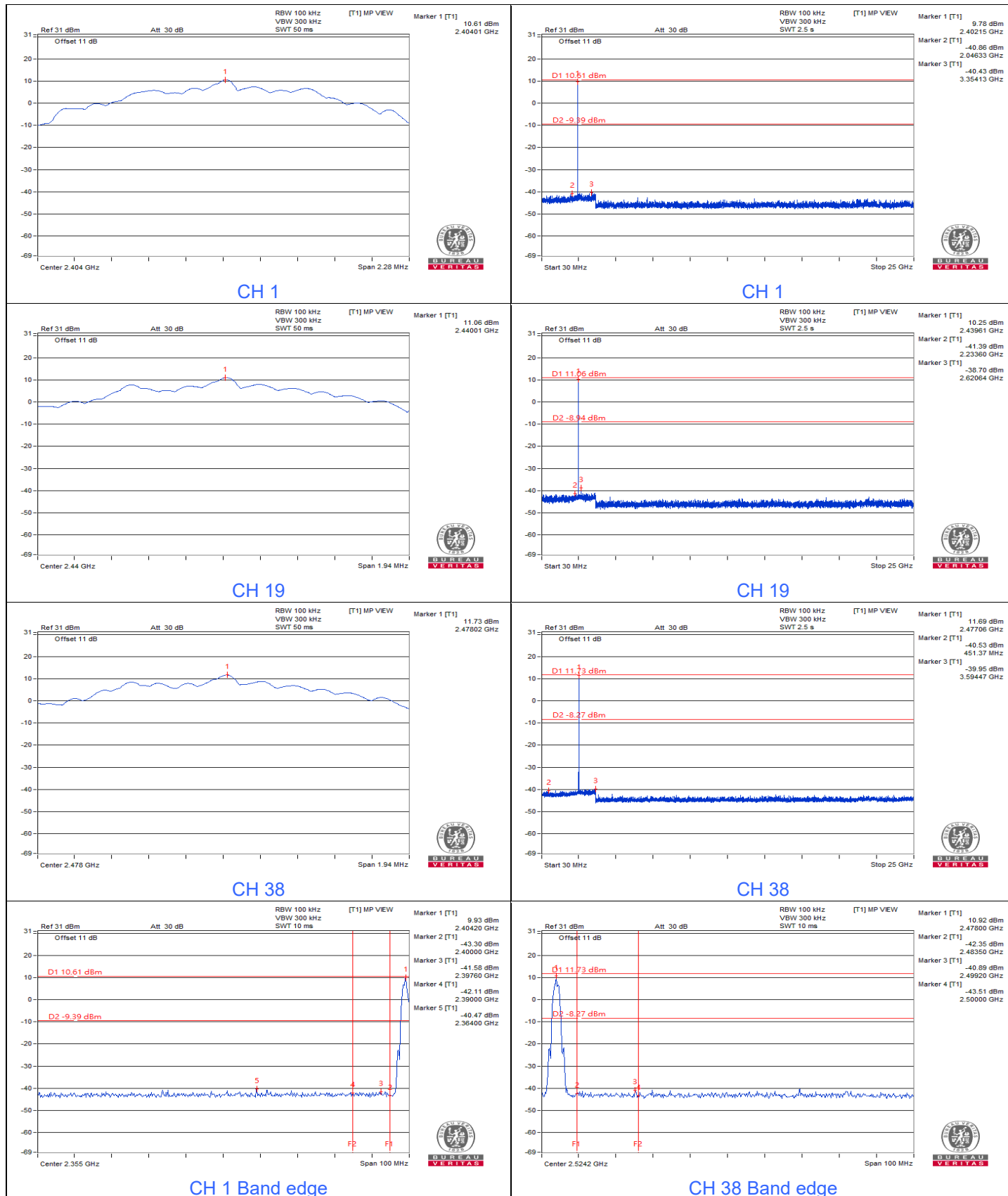
7.4 Conducted Out of Band Emissions

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

1Tx
BT-LE 1M



BT-LE 2M

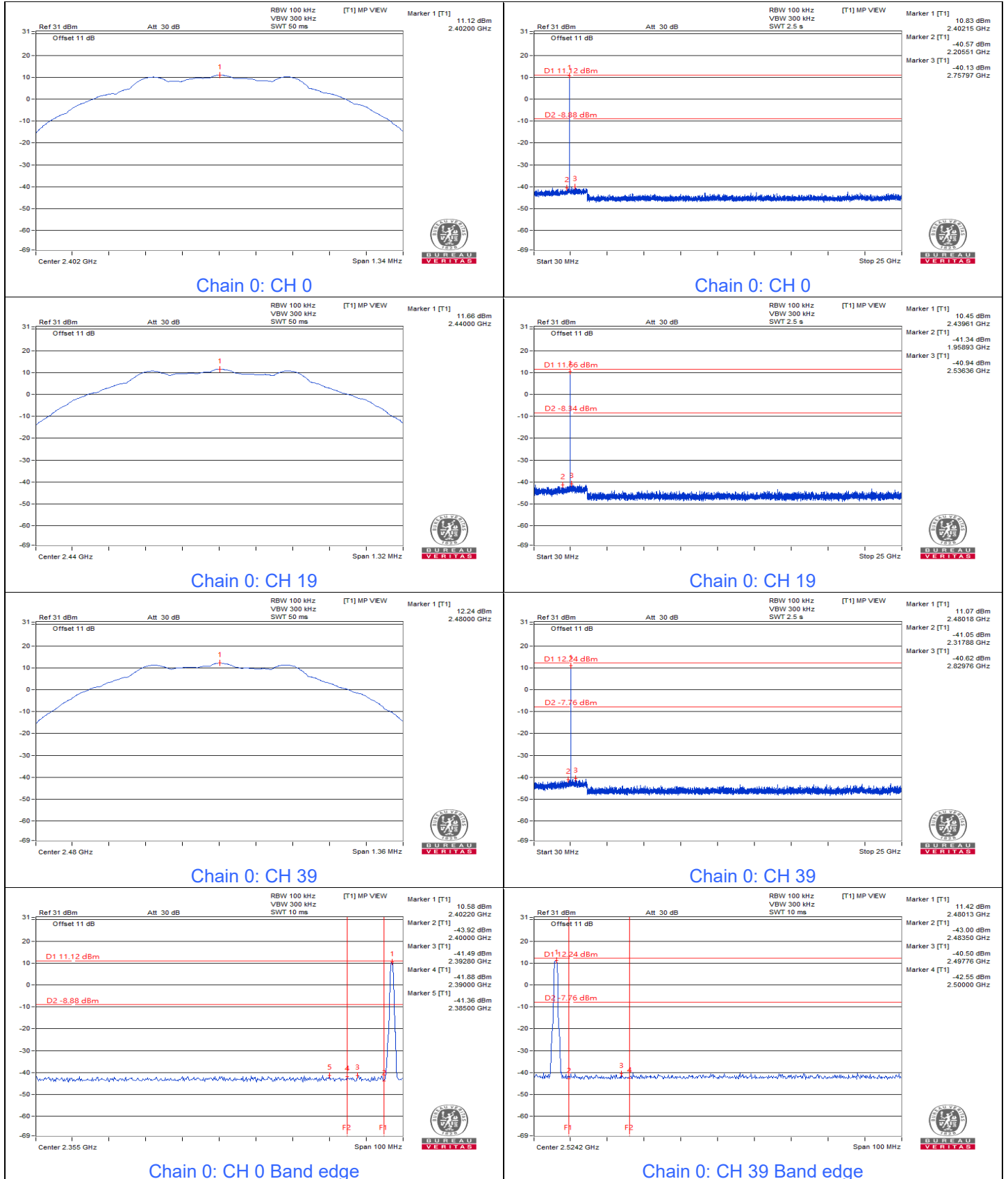


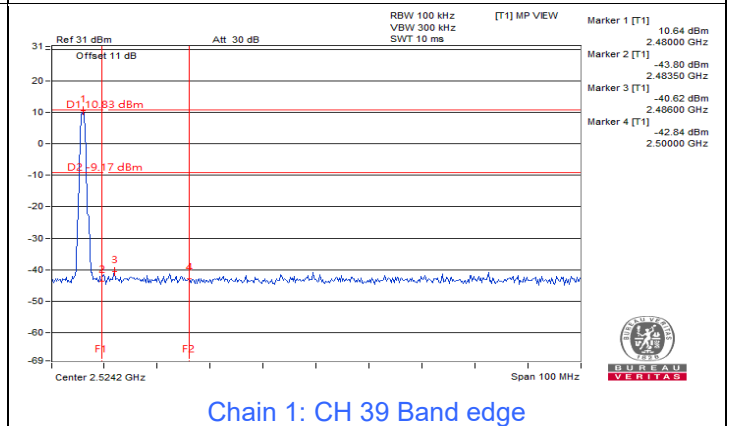
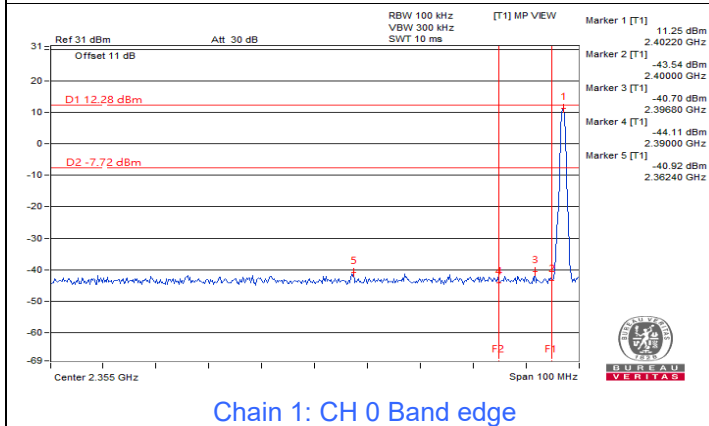
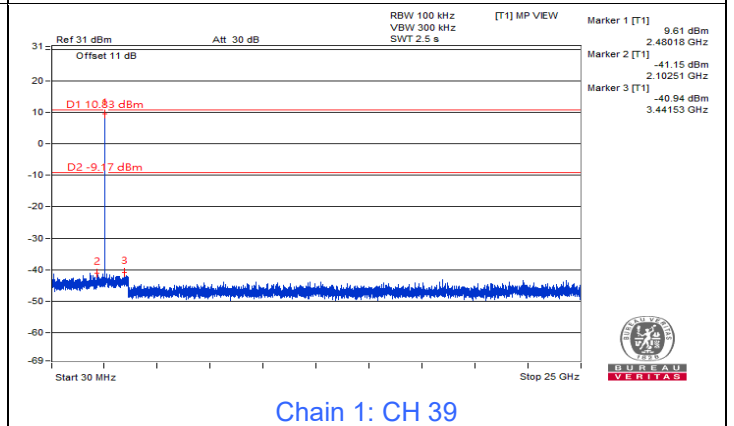
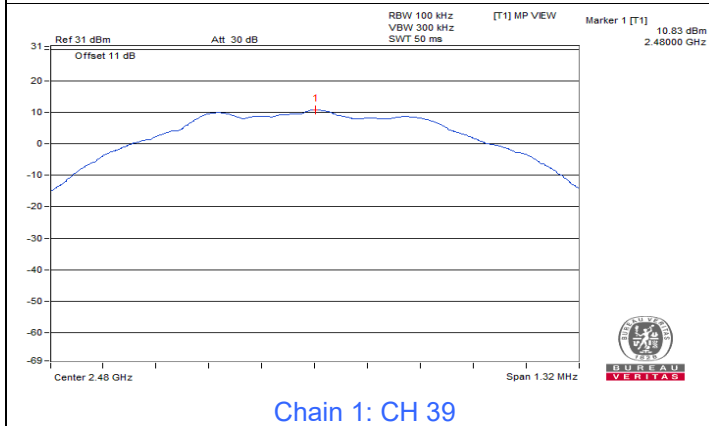
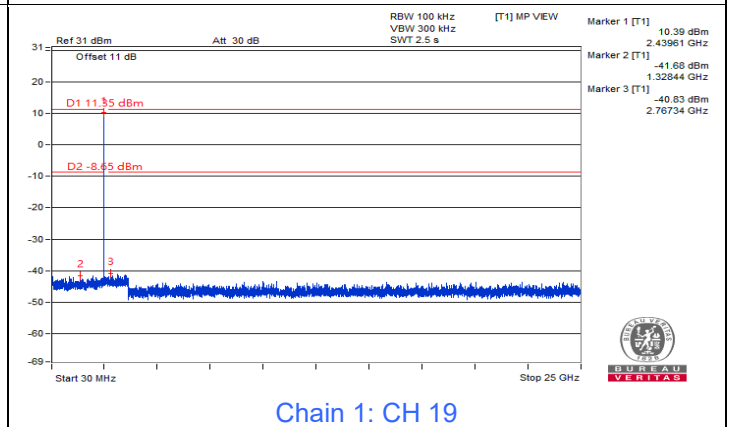
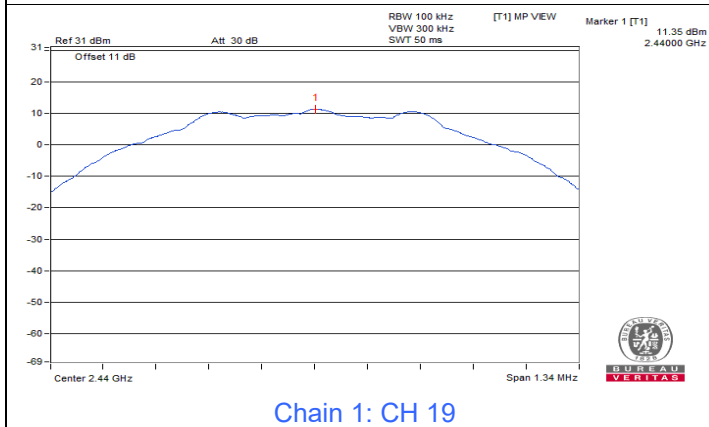
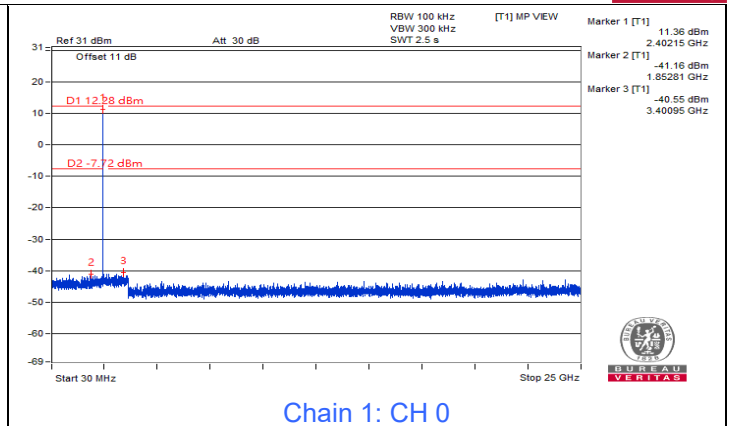
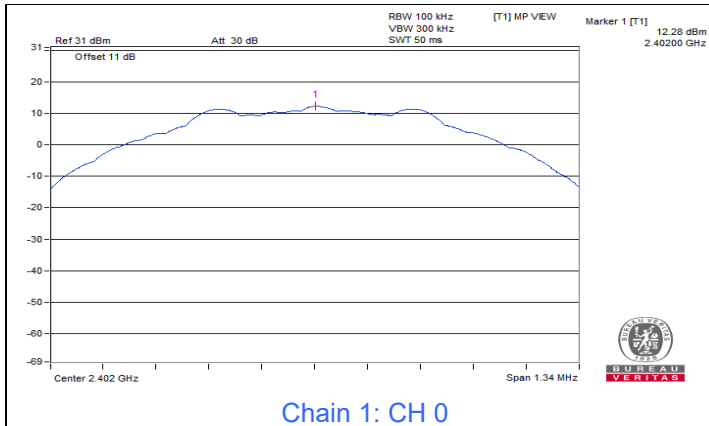
BT-LE HDT7.5



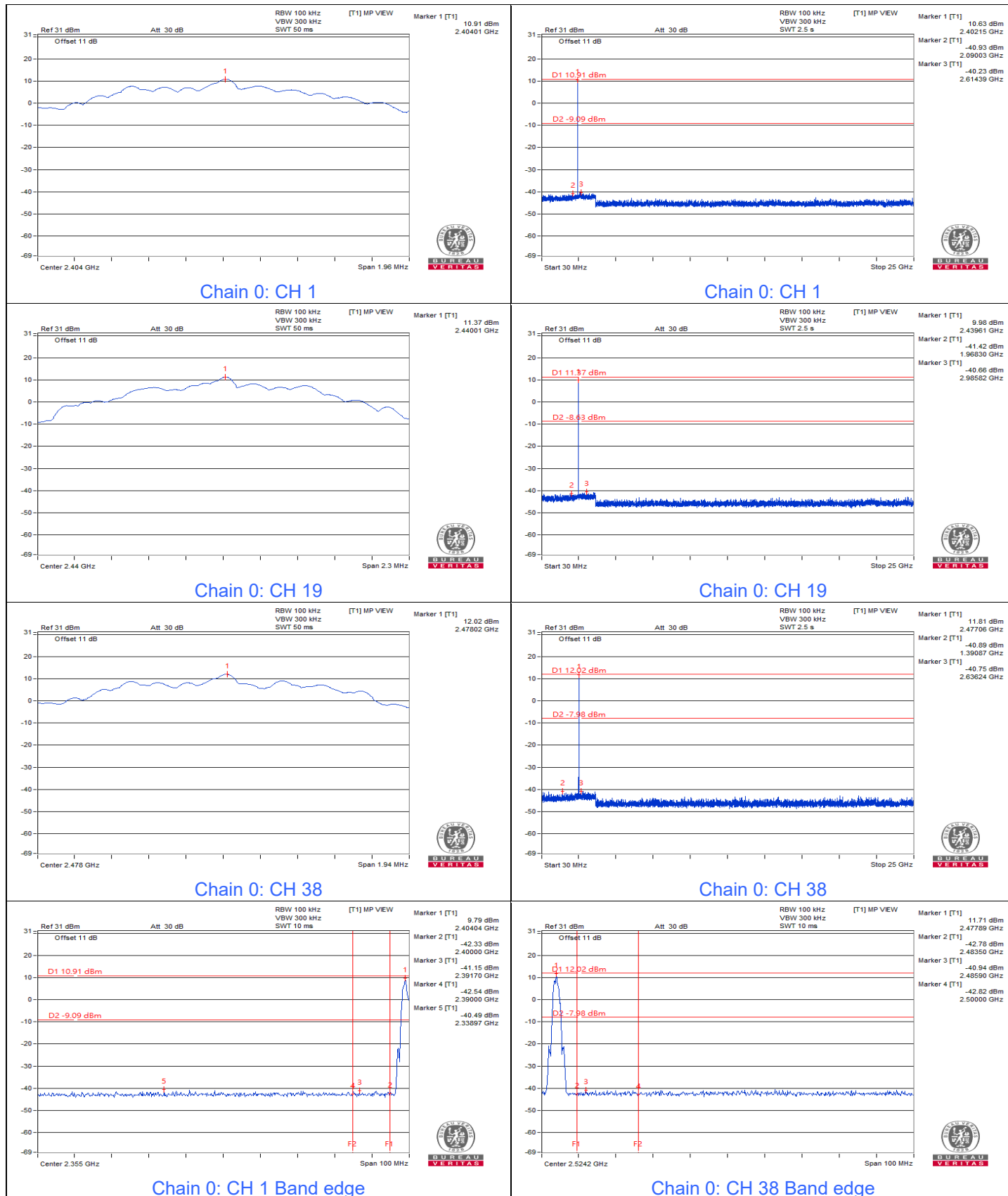
Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Stars Liu
--------------	---------	---------------------------	--------------	------------	-----------

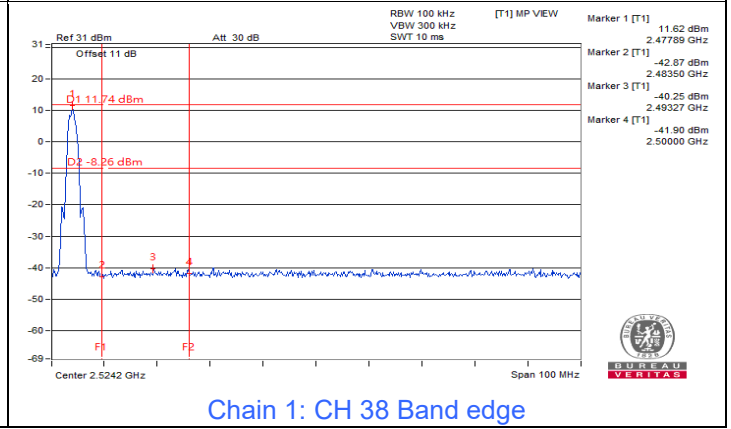
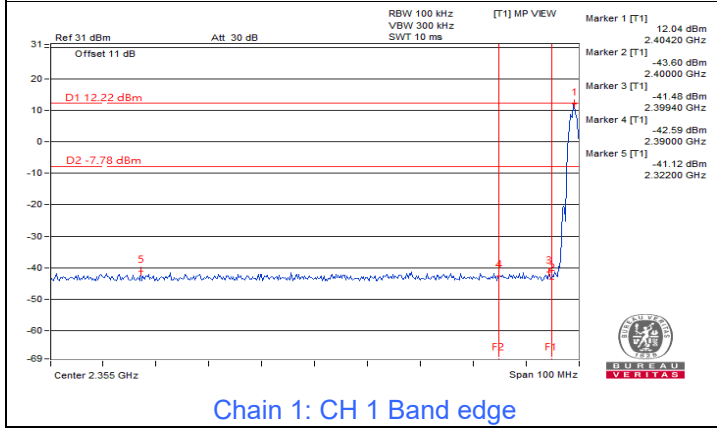
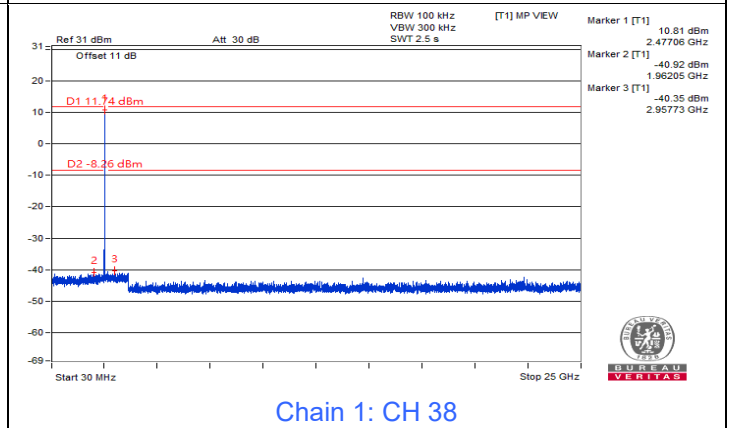
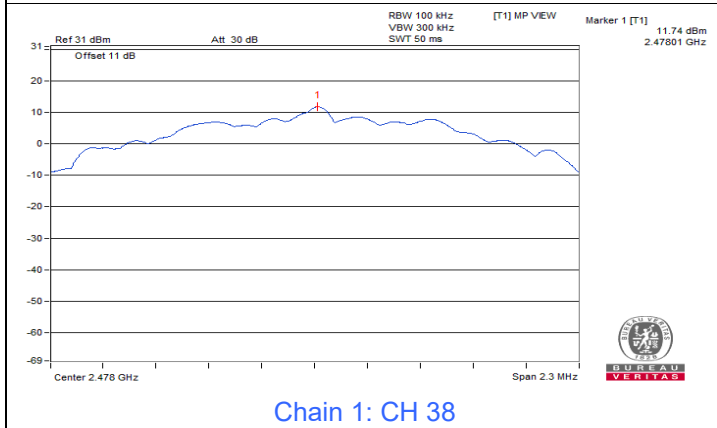
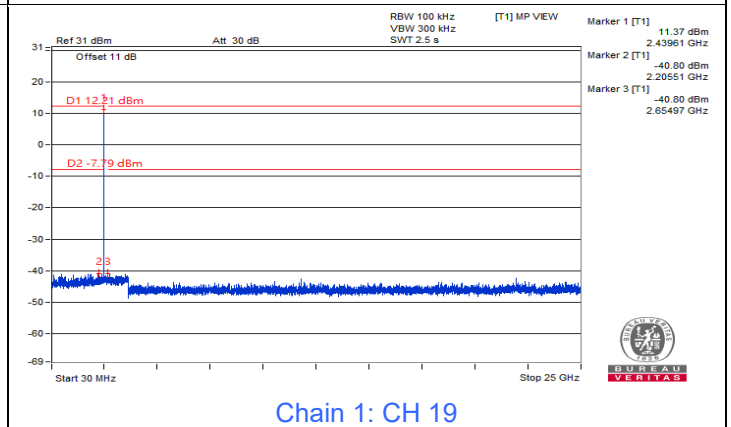
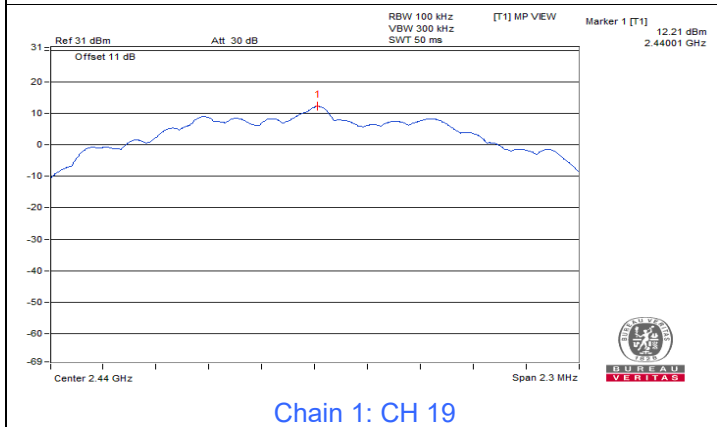
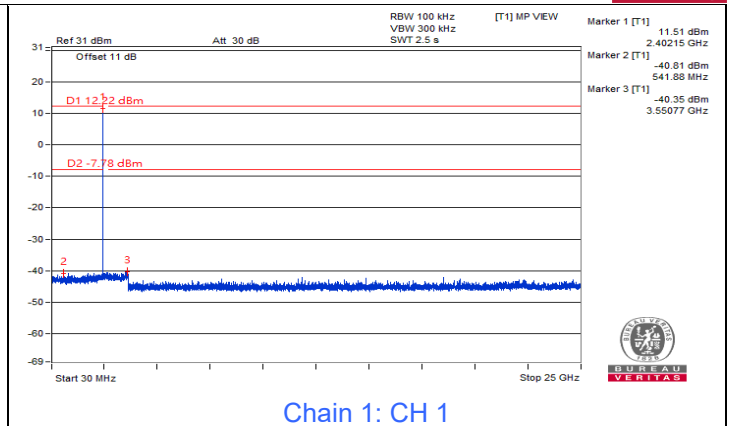
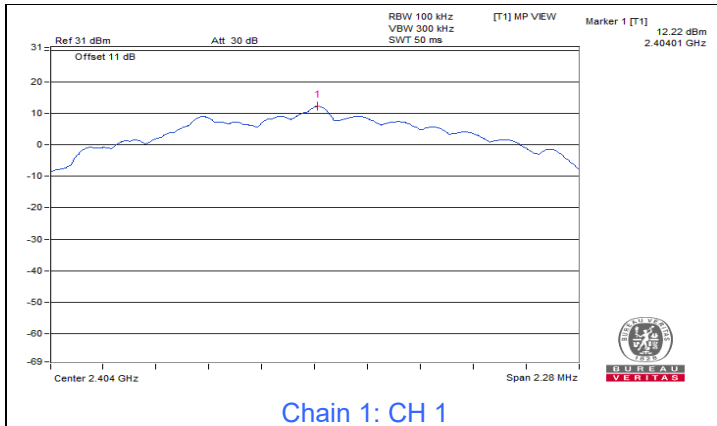
2Tx BT-LE 1M





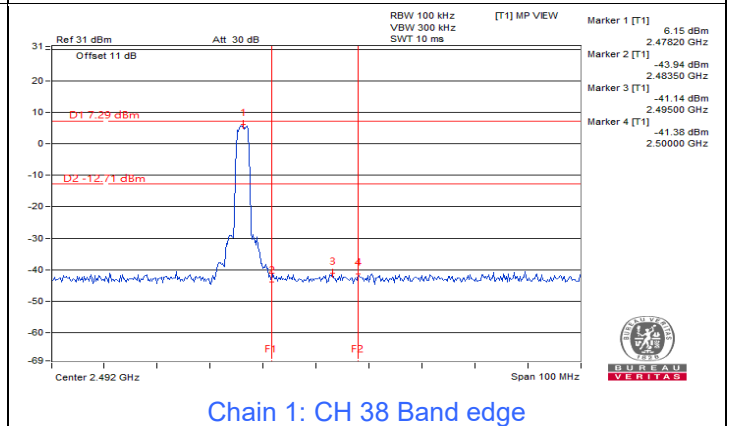
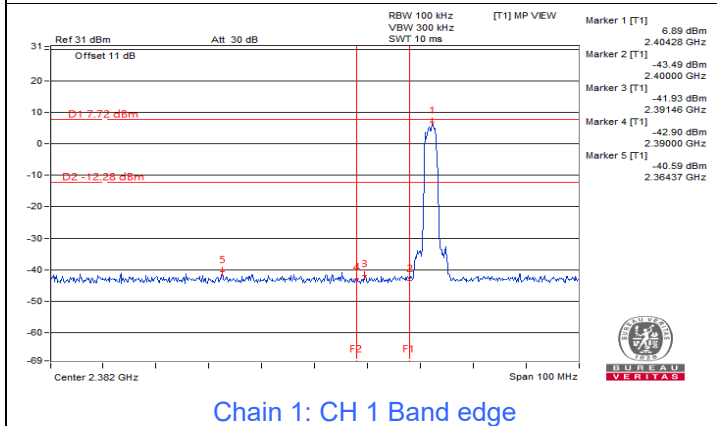
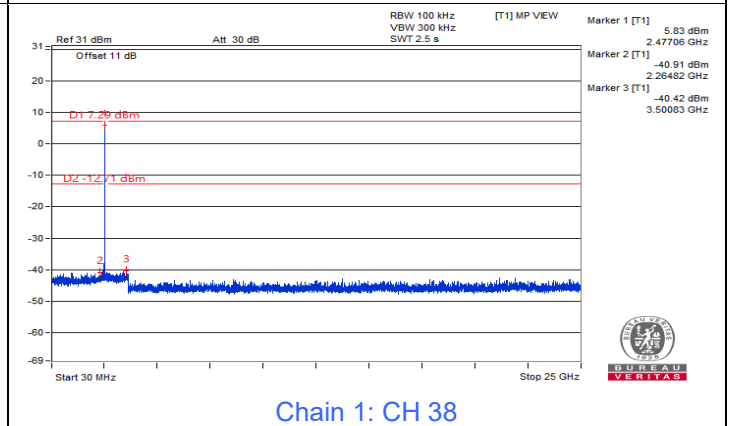
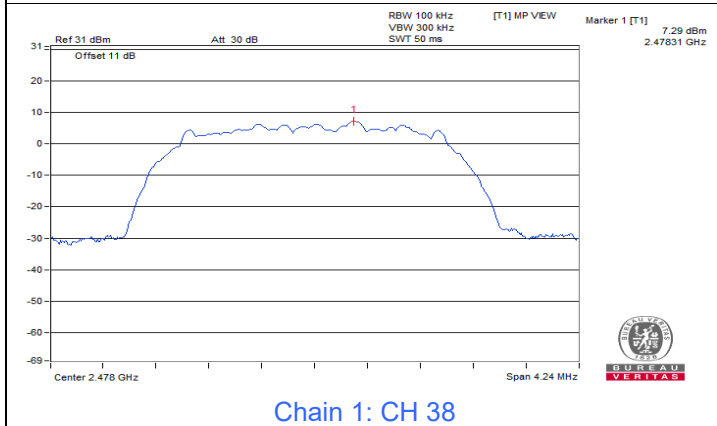
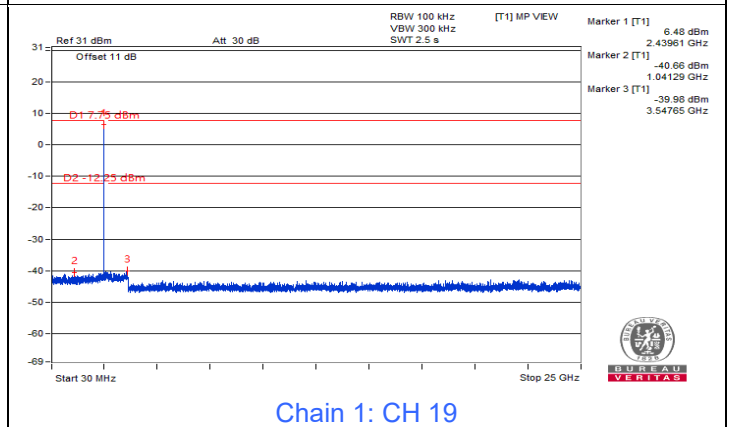
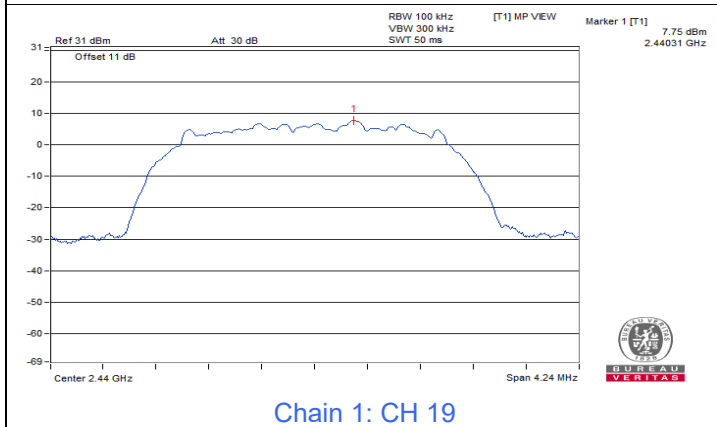
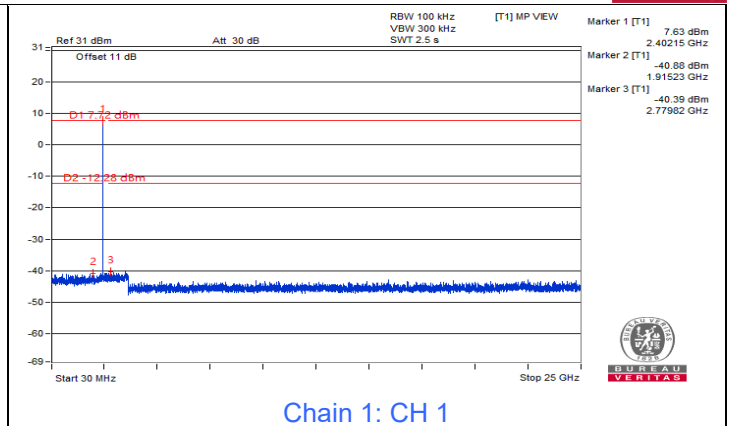
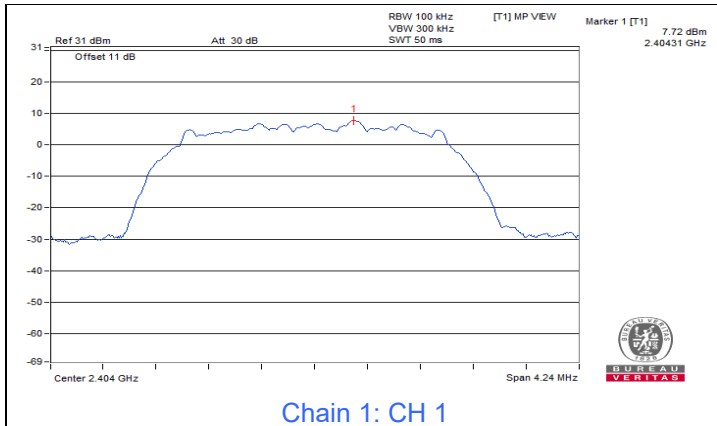
BT-LE 2M





BT-LE HDT7.5





7.5 AC Power Conducted Emissions

Mode A

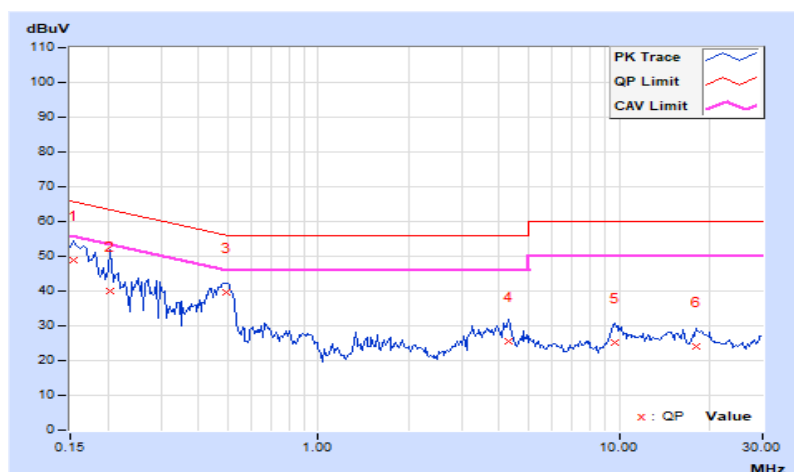
2Tx

RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Stars Liu		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.99	39.01	19.09	49.00	29.08	65.79	55.79	-16.79	-26.71
2	0.20469	10.00	29.90	13.18	39.90	23.18	63.42	53.42	-23.52	-30.24
3	0.49375	10.11	29.51	22.33	39.62	32.44	56.10	46.10	-16.48	-13.66
4	4.31250	10.50	14.96	6.33	25.46	16.83	56.00	46.00	-30.54	-29.17
5	9.66797	10.91	14.37	8.00	25.28	18.91	60.00	50.00	-34.72	-31.09
6	17.95313	11.42	12.50	8.73	23.92	20.15	60.00	50.00	-36.08	-29.85

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

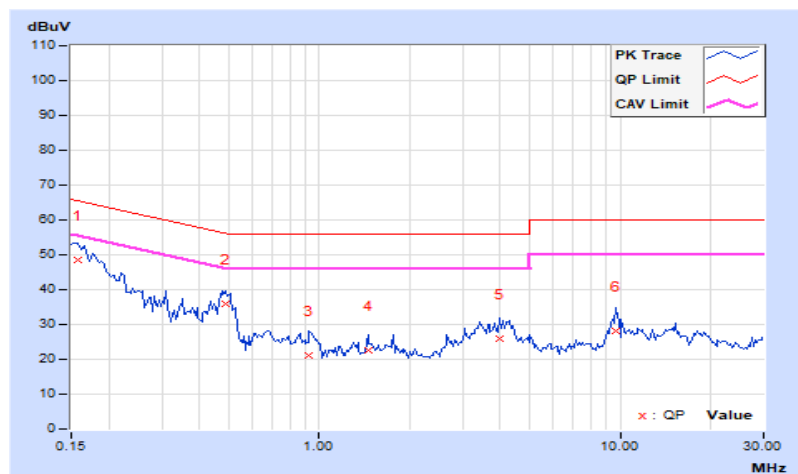


RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Stars Liu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	10.00	38.53	18.87	48.53	28.87	65.58	55.58	-17.05	-26.71
2	0.48594	9.96	25.98	18.70	35.94	28.66	56.24	46.24	-20.30	-17.58
3	0.92734	10.00	11.04	4.56	21.04	14.56	56.00	46.00	-34.96	-31.44
4	1.46094	10.05	12.41	6.90	22.46	16.95	56.00	46.00	-33.54	-29.05
5	3.99219	10.21	15.54	6.94	25.75	17.15	56.00	46.00	-30.25	-28.85
6	9.72656	10.59	17.72	11.76	28.31	22.35	60.00	50.00	-31.69	-27.65

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.6 Unwanted Emissions below 1 GHz

Mode A

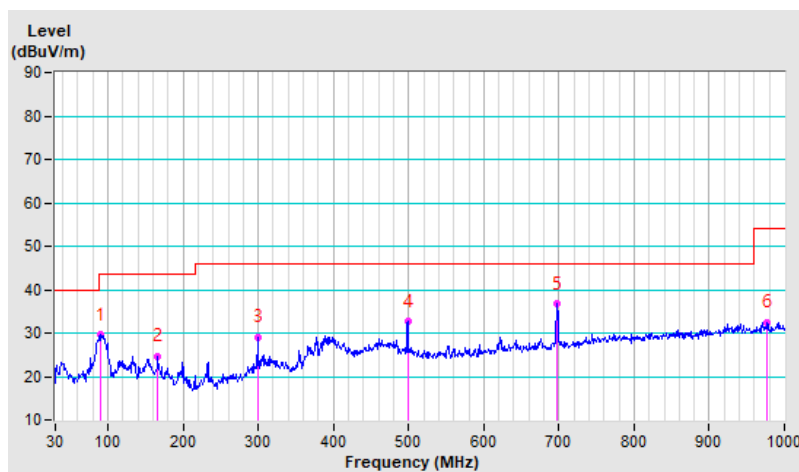
1Tx

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.32	29.5 PK	43.5	-14.0	2.00 H	316	48.1	-18.6
2	166.14	24.6 PK	43.5	-18.9	3.00 H	360	37.6	-13.0
3	298.79	28.9 PK	46.0	-17.1	1.00 H	227	40.8	-11.9
4	498.87	32.6 PK	46.0	-13.4	2.00 H	184	39.9	-7.3
5	697.02	36.6 PK	46.0	-9.4	1.00 H	200	40.1	-3.5
6	976.87	32.5 PK	54.0	-21.5	2.00 H	33	31.8	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

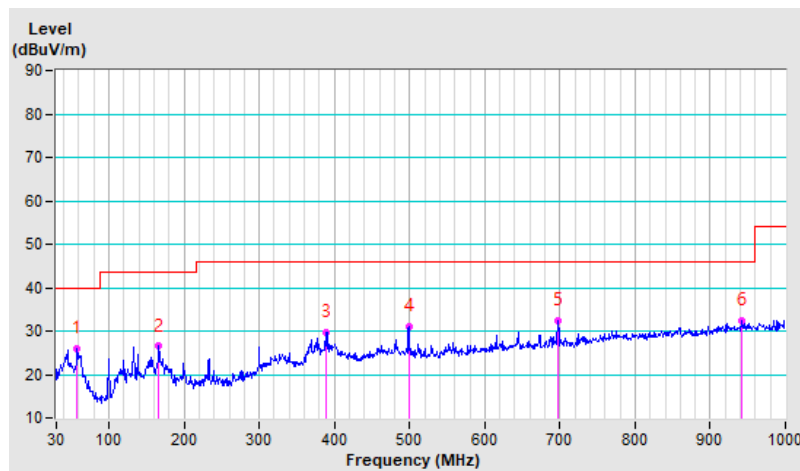


RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	57.77	25.9 PK	40.0	-14.1	2.00 V	360	39.3	-13.4
2	165.99	26.5 PK	43.5	-17.0	1.00 V	99	39.5	-13.0
3	387.93	29.7 PK	46.0	-16.3	2.00 V	54	39.4	-9.7
4	498.87	31.2 PK	46.0	-14.8	1.00 V	158	38.5	-7.3
5	697.02	32.4 PK	46.0	-13.6	2.00 V	138	35.9	-3.5
6	941.73	32.5 PK	46.0	-13.5	3.00 V	101	32.0	0.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



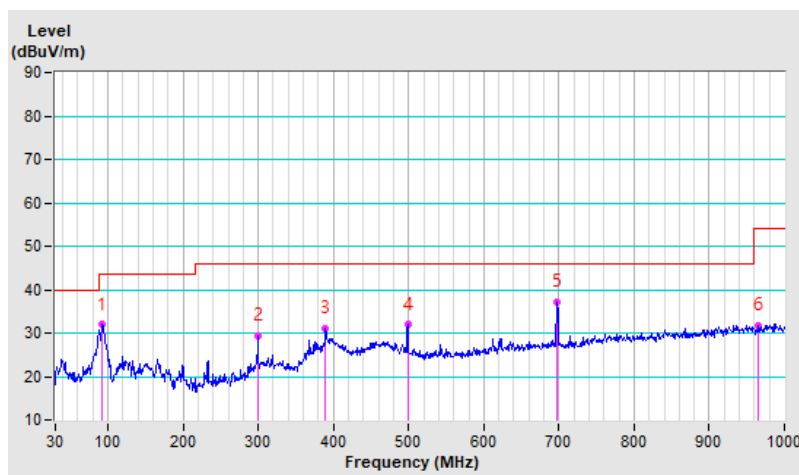
2Tx

RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	92.18	31.9 PK	43.5	-11.6	2.00 H	279	50.2	-18.3
2	299.32	29.4 PK	46.0	-16.6	1.00 H	92	41.3	-11.9
3	389.36	31.0 PK	46.0	-15.0	1.00 H	184	40.7	-9.7
4	498.87	31.9 PK	46.0	-14.1	2.00 H	229	39.2	-7.3
5	697.00	37.2 PK	46.0	-8.8	1.00 H	196	40.7	-3.5
6	965.83	31.8 PK	54.0	-22.2	1.00 H	360	31.1	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

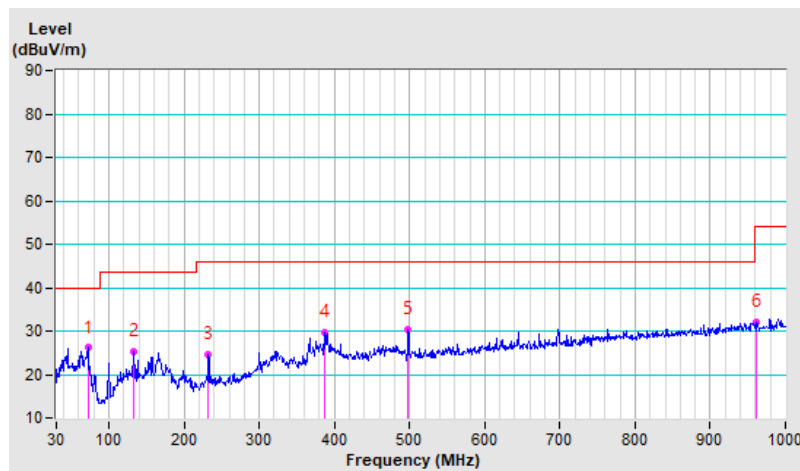


RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.03	26.1 PK	40.0	-13.9	1.00 V	0	41.9	-15.8
2	133.01	25.2 PK	43.5	-18.3	1.00 V	160	38.7	-13.5
3	232.34	24.5 PK	46.0	-21.5	1.00 V	53	39.3	-14.8
4	386.77	29.8 PK	46.0	-16.2	2.00 V	40	39.6	-9.8
5	497.88	30.4 PK	46.0	-15.6	2.00 V	145	37.7	-7.3
6	960.50	32.0 PK	54.0	-22.0	3.00 V	9	31.5	0.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



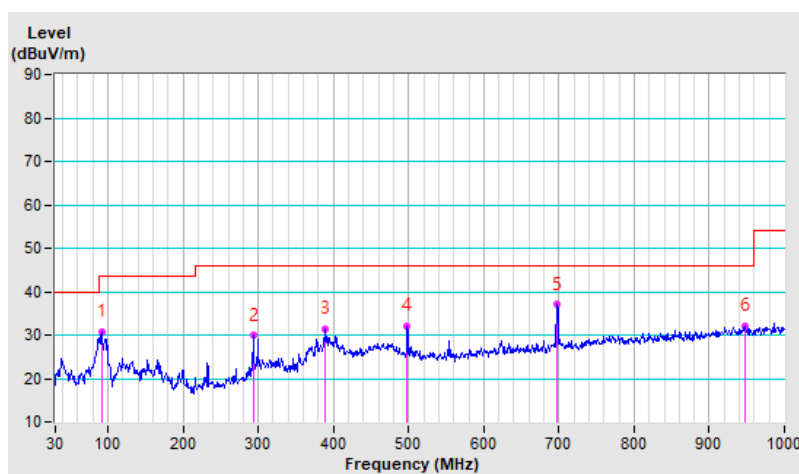
Mode B
1Tx

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	91.30	30.8 PK	43.5	-12.7	2.00 H	292	49.3	-18.5
2	293.65	29.9 PK	46.0	-16.1	1.00 H	0	42.1	-12.2
3	389.34	31.4 PK	46.0	-14.6	1.00 H	196	41.1	-9.7
4	497.86	32.0 PK	46.0	-14.0	2.00 H	185	39.3	-7.3
5	697.02	37.0 PK	46.0	-9.0	1.00 H	122	40.5	-3.5
6	947.06	32.0 PK	46.0	-14.0	1.00 H	0	31.3	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

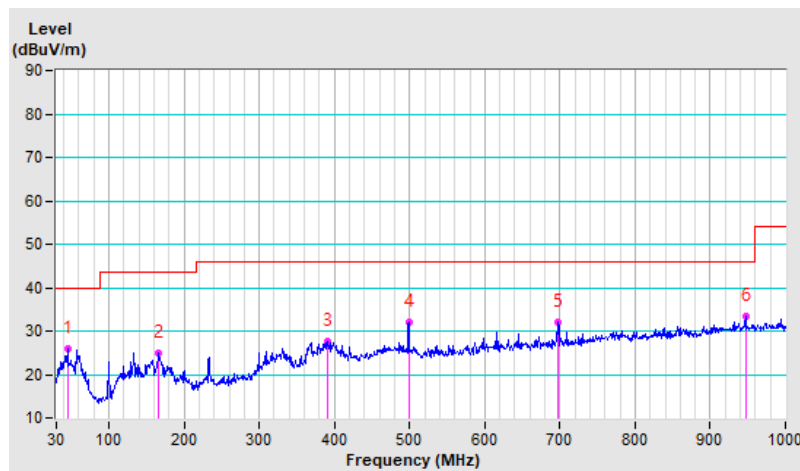


RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.70	26.0 PK	40.0	-14.0	1.00 V	164	38.9	-12.9
2	166.04	25.1 PK	43.5	-18.4	1.00 V	137	38.1	-13.0
3	390.38	27.7 PK	46.0	-18.3	2.00 V	24	37.4	-9.7
4	498.87	32.0 PK	46.0	-14.0	1.00 V	154	39.3	-7.3
5	697.04	32.2 PK	46.0	-13.8	2.00 V	179	35.7	-3.5
6	947.38	33.4 PK	46.0	-12.6	2.00 V	175	32.7	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



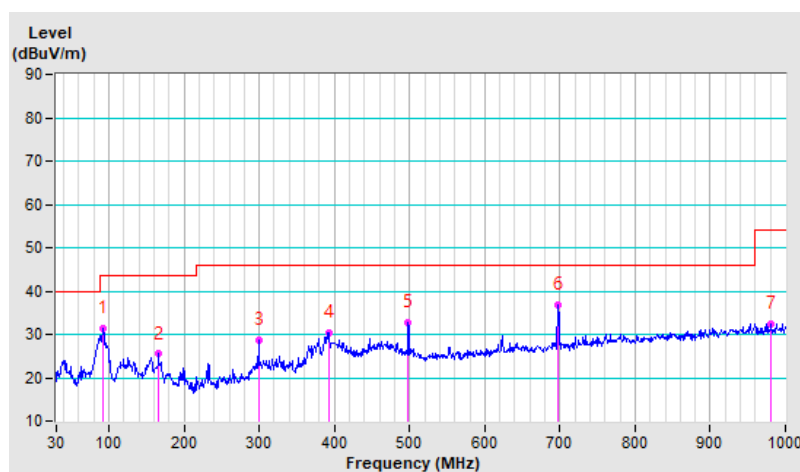
2Tx

RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	92.13	31.4 PK	43.5	-12.1	2.00 H	285	49.7	-18.3
2	166.09	25.5 PK	43.5	-18.0	2.00 H	354	38.5	-13.0
3	298.74	28.8 PK	46.0	-17.2	1.00 H	192	40.7	-11.9
4	392.25	30.4 PK	46.0	-15.6	1.00 H	186	40.1	-9.7
5	497.88	32.8 PK	46.0	-13.2	2.00 H	206	40.1	-7.3
6	697.02	36.7 PK	46.0	-9.3	1.00 H	202	40.2	-3.5
7	981.33	32.3 PK	54.0	-21.7	2.00 H	340	31.6	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

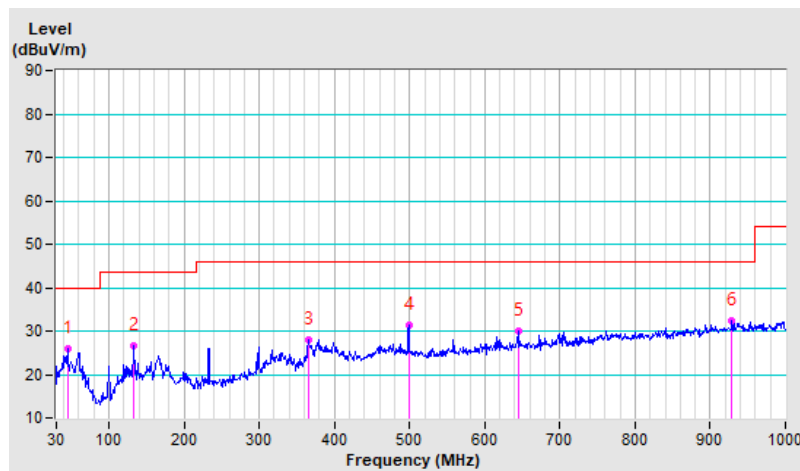


RF Mode	BT LE-2M	Channel	CH 39 : 2480 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.67	25.9 PK	40.0	-14.1	1.00 V	110	38.8	-12.9
2	133.01	26.7 PK	43.5	-16.8	1.00 V	130	40.2	-13.5
3	365.57	28.1 PK	46.0	-17.9	2.00 V	71	38.3	-10.2
4	498.85	31.3 PK	46.0	-14.7	1.00 V	168	38.6	-7.3
5	644.35	30.1 PK	46.0	-15.9	3.00 V	14	34.1	-4.0
6	928.58	32.3 PK	46.0	-13.7	2.00 V	25	31.9	0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.7 Unwanted Emissions above 1 GHz

Mode A

1Tx

RF Mode	BT LE-1M	Channel	CH 0 : 2402 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.0 PK	74.0	-18.0	1.41 H	222	58.0	-2.0
2	2390.00	46.1 AV	54.0	-7.9	1.41 H	222	48.1	-2.0
3	*2402.00	107.3 PK			1.41 H	222	109.4	-2.1
4	*2402.00	106.3 AV			1.41 H	222	108.4	-2.1
5	4804.00	42.2 PK	74.0	-31.8	4.00 H	197	40.2	2.0
6	4804.00	34.3 AV	54.0	-19.7	4.00 H	197	32.3	2.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	3.52 V	162	58.3	-2.0
2	2390.00	46.3 AV	54.0	-7.7	3.52 V	162	48.3	-2.0
3	*2402.00	107.2 PK			3.52 V	162	109.3	-2.1
4	*2402.00	106.7 AV			3.52 V	162	108.8	-2.1
5	4804.00	45.2 PK	74.0	-28.8	1.82 V	265	43.2	2.0
6	4804.00	38.0 AV	54.0	-16.0	1.82 V	265	36.0	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	106.2 PK			1.46 H	207	108.3	-2.1
2	*2440.00	105.3 AV			1.46 H	207	107.4	-2.1
3	4880.00	42.6 PK	74.0	-31.4	4.00 H	206	40.2	2.4
4	4880.00	34.8 AV	54.0	-19.2	4.00 H	206	32.4	2.4
5	7320.00	46.5 PK	74.0	-27.5	3.60 H	333	39.1	7.4
6	7320.00	37.1 AV	54.0	-16.9	3.60 H	333	29.7	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	105.7 PK			3.48 V	178	107.8	-2.1
2	*2440.00	104.8 AV			3.48 V	178	106.9	-2.1
3	4880.00	45.1 PK	74.0	-28.9	1.79 V	257	42.7	2.4
4	4880.00	37.9 AV	54.0	-16.1	1.79 V	257	35.5	2.4
5	7320.00	48.9 PK	74.0	-25.1	4.00 V	197	41.5	7.4
6	7320.00	39.2 AV	54.0	-14.8	4.00 V	197	31.8	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	104.9 PK			1.33 H	218	107.3	-2.4
2	*2480.00	103.7 AV			1.33 H	218	106.1	-2.4
3	2483.50	56.2 PK	74.0	-17.8	1.33 H	218	58.6	-2.4
4	2483.50	46.3 AV	54.0	-7.7	1.33 H	218	48.7	-2.4
5	4960.00	42.7 PK	74.0	-31.3	4.00 H	208	40.4	2.3
6	4960.00	34.7 AV	54.0	-19.3	4.00 H	208	32.4	2.3
7	7440.00	45.9 PK	74.0	-28.1	3.65 H	322	37.8	8.1
8	7440.00	36.8 AV	54.0	-17.2	3.65 H	322	28.7	8.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	104.3 PK			2.61 V	187	106.7	-2.4
2	*2480.00	103.0 AV			2.61 V	187	105.4	-2.4
3	2483.50	56.1 PK	74.0	-17.9	2.61 V	187	58.5	-2.4
4	2483.50	46.1 AV	54.0	-7.9	2.61 V	187	48.5	-2.4
5	4960.00	44.9 PK	74.0	-29.1	1.79 V	266	42.6	2.3
6	4960.00	37.5 AV	54.0	-16.5	1.79 V	266	35.2	2.3
7	7440.00	48.6 PK	74.0	-25.4	4.00 V	206	40.5	8.1
8	7440.00	38.9 AV	54.0	-15.1	4.00 V	206	30.8	8.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.8 PK	74.0	-17.2	1.77 H	217	58.8	-2.0
2	2390.00	48.1 AV	54.0	-5.9	1.77 H	217	50.1	-2.0
3	*2404.00	107.6 PK			1.77 H	217	109.7	-2.1
4	*2404.00	105.0 AV			1.77 H	217	107.1	-2.1
5	4808.00	42.3 PK	74.0	-31.7	4.00 H	190	40.2	2.1
6	4808.00	34.2 AV	54.0	-19.8	4.00 H	190	32.1	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.7 PK	74.0	-17.3	3.21 V	163	58.7	-2.0
2	2390.00	48.0 AV	54.0	-6.0	3.21 V	163	50.0	-2.0
3	*2404.00	108.6 PK			3.21 V	163	110.7	-2.1
4	*2404.00	106.1 AV			3.21 V	163	108.2	-2.1
5	4808.00	45.1 PK	74.0	-28.9	1.82 V	257	43.0	2.1
6	4808.00	37.8 AV	54.0	-16.2	1.82 V	257	35.7	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	105.2 PK			1.76 H	228	107.3	-2.1
2	*2440.00	103.8 AV			1.76 H	228	105.9	-2.1
3	4880.00	41.9 PK	74.0	-32.1	4.00 H	195	39.5	2.4
4	4880.00	34.1 AV	54.0	-19.9	4.00 H	195	31.7	2.4
5	7320.00	46.1 PK	74.0	-27.9	3.59 H	348	38.7	7.4
6	7320.00	36.8 AV	54.0	-17.2	3.59 H	348	29.4	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	106.7 PK			3.19 V	161	108.8	-2.1
2	*2440.00	104.5 AV			3.19 V	161	106.6	-2.1
3	4880.00	45.1 PK	74.0	-28.9	1.82 V	271	42.7	2.4
4	4880.00	38.0 AV	54.0	-16.0	1.82 V	271	35.6	2.4
5	7320.00	49.0 PK	74.0	-25.0	3.99 V	207	41.6	7.4
6	7320.00	39.2 AV	54.0	-14.8	3.99 V	207	31.8	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	103.4 PK			1.65 H	221	105.8	-2.4
2	*2478.00	102.0 AV			1.65 H	221	104.4	-2.4
3	2483.50	57.2 PK	74.0	-16.8	1.65 H	221	59.6	-2.4
4	2483.50	47.2 AV	54.0	-6.8	1.65 H	221	49.6	-2.4
5	4956.00	42.3 PK	74.0	-31.7	4.00 H	213	40.0	2.3
6	4956.00	34.4 AV	54.0	-19.6	4.00 H	213	32.1	2.3
7	7434.00	46.2 PK	74.0	-27.8	3.62 H	334	38.2	8.0
8	7434.00	36.8 AV	54.0	-17.2	3.62 H	334	28.8	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	105.2 PK			2.80 V	163	107.6	-2.4
2	*2478.00	102.5 AV			2.80 V	163	104.9	-2.4
3	2483.50	57.1 PK	74.0	-16.9	2.80 V	163	59.5	-2.4
4	2483.50	47.3 AV	54.0	-6.7	2.80 V	163	49.7	-2.4
5	4956.00	44.7 PK	74.0	-29.3	1.82 V	250	42.4	2.3
6	4956.00	37.7 AV	54.0	-16.3	1.82 V	250	35.4	2.3
7	7434.00	48.9 PK	74.0	-25.1	3.97 V	199	40.9	8.0
8	7434.00	39.1 AV	54.0	-14.9	3.97 V	199	31.1	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	1.62 H	218	58.2	-2.0
2	2390.00	45.3 AV	54.0	-8.7	1.62 H	218	47.3	-2.0
3	*2404.00	108.0 PK			1.62 H	218	110.1	-2.1
4	*2404.00	100.2 AV			1.62 H	218	102.3	-2.1
5	4808.00	42.7 PK	74.0	-31.3	4.00 H	189	40.6	2.1
6	4808.00	34.9 AV	54.0	-19.1	4.00 H	189	32.8	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	2.66 V	184	58.2	-2.0
2	2390.00	45.1 AV	54.0	-8.9	2.66 V	184	47.1	-2.0
3	*2404.00	107.1 PK			2.66 V	184	109.2	-2.1
4	*2404.00	99.2 AV			2.66 V	184	101.3	-2.1
5	4808.00	44.7 PK	74.0	-29.3	1.76 V	260	42.6	2.1
6	4808.00	37.5 AV	54.0	-16.5	1.76 V	260	35.4	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	107.7 PK			1.61 H	212	109.8	-2.1
2	*2440.00	99.9 AV			1.61 H	212	102.0	-2.1
3	4880.00	42.1 PK	74.0	-31.9	4.00 H	199	39.7	2.4
4	4880.00	34.2 AV	54.0	-19.8	4.00 H	199	31.8	2.4
5	7320.00	46.5 PK	74.0	-27.5	3.65 H	343	39.1	7.4
6	7320.00	36.8 AV	54.0	-17.2	3.65 H	343	29.4	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	107.0 PK			2.66 V	191	109.1	-2.1
2	*2440.00	99.0 AV			2.66 V	191	101.1	-2.1
3	4880.00	45.1 PK	74.0	-28.9	1.76 V	264	42.7	2.4
4	4880.00	37.6 AV	54.0	-16.4	1.76 V	264	35.2	2.4
5	7320.00	48.7 PK	74.0	-25.3	4.00 V	211	41.3	7.4
6	7320.00	38.8 AV	54.0	-15.2	4.00 V	211	31.4	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	106.3 PK			1.30 H	220	108.7	-2.4
2	*2478.00	98.2 AV			1.30 H	220	100.6	-2.4
3	2483.50	57.5 PK	74.0	-16.5	1.30 H	220	59.9	-2.4
4	2483.50	44.6 AV	54.0	-9.4	1.30 H	220	47.0	-2.4
5	4956.00	41.9 PK	74.0	-32.1	4.00 H	188	39.6	2.3
6	4956.00	34.2 AV	54.0	-19.8	4.00 H	188	31.9	2.3
7	7434.00	46.7 PK	74.0	-27.3	3.61 H	338	38.7	8.0
8	7434.00	37.6 AV	54.0	-16.4	3.61 H	338	29.6	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	108.5 PK			3.27 V	158	110.9	-2.4
2	*2478.00	100.2 AV			3.27 V	158	102.6	-2.4
3	2483.50	57.7 PK	74.0	-16.3	3.27 V	158	60.1	-2.4
4	2483.50	45.2 AV	54.0	-8.8	3.27 V	158	47.6	-2.4
5	4956.00	44.8 PK	74.0	-29.2	1.80 V	252	42.5	2.3
6	4956.00	37.7 AV	54.0	-16.3	1.80 V	252	35.4	2.3
7	7434.00	48.5 PK	74.0	-25.5	4.00 V	199	40.5	8.0
8	7434.00	38.5 AV	54.0	-15.5	4.00 V	199	30.5	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

2Tx

RF Mode	BT LE-1M	Channel	CH 0 : 2402 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.4 PK	74.0	-17.6	1.70 H	222	58.4	-2.0
2	2390.00	46.1 AV	54.0	-7.9	1.70 H	222	48.1	-2.0
3	*2402.00	109.8 PK			1.70 H	222	111.9	-2.1
4	*2402.00	108.2 AV			1.70 H	222	110.3	-2.1
5	4804.00	43.0 PK	74.0	-31.0	4.00 H	199	41.0	2.0
6	4804.00	34.7 AV	54.0	-19.3	4.00 H	199	32.7	2.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.5 PK	74.0	-17.5	1.83 V	191	58.5	-2.0
2	2390.00	46.2 AV	54.0	-7.8	1.83 V	191	48.2	-2.0
3	*2402.00	110.1 PK			1.83 V	191	112.2	-2.1
4	*2402.00	109.4 AV			1.83 V	191	111.5	-2.1
5	4804.00	45.1 PK	74.0	-28.9	1.81 V	263	43.1	2.0
6	4804.00	37.8 AV	54.0	-16.2	1.81 V	263	35.8	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	109.1 PK			1.68 H	217	111.2	-2.1
2	*2440.00	107.7 AV			1.68 H	217	109.8	-2.1
3	4880.00	43.4 PK	74.0	-30.6	4.00 H	184	41.0	2.4
4	4880.00	34.9 AV	54.0	-19.1	4.00 H	184	32.5	2.4
5	7320.00	46.1 PK	74.0	-27.9	3.64 H	352	38.7	7.4
6	7320.00	36.7 AV	54.0	-17.3	3.64 H	352	29.3	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	110.2 PK			1.84 V	203	112.3	-2.1
2	*2440.00	109.3 AV			1.84 V	203	111.4	-2.1
3	4880.00	44.6 PK	74.0	-29.4	1.82 V	277	42.2	2.4
4	4880.00	37.6 AV	54.0	-16.4	1.82 V	277	35.2	2.4
5	7320.00	48.4 PK	74.0	-25.6	4.00 V	193	41.0	7.4
6	7320.00	38.4 AV	54.0	-15.6	4.00 V	193	31.0	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	109.7 PK			2.86 H	9	112.1	-2.4
2	*2480.00	108.3 AV			2.86 H	9	110.7	-2.4
3	2483.50	56.3 PK	74.0	-17.7	2.86 H	9	58.7	-2.4
4	2483.50	46.0 AV	54.0	-8.0	2.86 H	9	48.4	-2.4
5	4960.00	42.9 PK	74.0	-31.1	4.00 H	191	40.6	2.3
6	4960.00	34.5 AV	54.0	-19.5	4.00 H	191	32.2	2.3
7	7440.00	46.1 PK	74.0	-27.9	3.64 H	342	38.0	8.1
8	7440.00	36.7 AV	54.0	-17.3	3.64 H	342	28.6	8.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	110.7 PK			1.71 V	175	113.1	-2.4
2	*2480.00	109.6 AV			1.71 V	175	112.0	-2.4
3	2483.50	56.6 PK	74.0	-17.4	1.71 V	175	59.0	-2.4
4	2483.50	46.3 AV	54.0	-7.7	1.71 V	175	48.7	-2.4
5	4960.00	45.7 PK	74.0	-28.3	1.78 V	274	43.4	2.3
6	4960.00	38.2 AV	54.0	-15.8	1.78 V	274	35.9	2.3
7	7440.00	48.8 PK	74.0	-25.2	4.00 V	214	40.7	8.1
8	7440.00	38.9 AV	54.0	-15.1	4.00 V	214	30.8	8.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	57.1 PK	74.0	-16.9	1.78 H	217	59.1	-2.0
2	2390.00	48.3 AV	54.0	-5.7	1.78 H	217	50.3	-2.0
3	*2404.00	111.5 PK			1.78 H	217	113.6	-2.1
4	*2404.00	109.0 AV			1.78 H	217	111.1	-2.1
5	4808.00	43.3 PK	74.0	-30.7	4.00 H	194	41.2	2.1
6	4808.00	34.7 AV	54.0	-19.3	4.00 H	194	32.6	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.8 PK	74.0	-17.2	1.81 V	199	58.8	-2.0
2	2390.00	48.1 AV	54.0	-5.9	1.81 V	199	50.1	-2.0
3	*2404.00	110.5 PK			1.81 V	199	112.6	-2.1
4	*2404.00	108.3 AV			1.81 V	199	110.4	-2.1
5	4808.00	44.8 PK	74.0	-29.2	1.75 V	250	42.7	2.1
6	4808.00	37.6 AV	54.0	-16.4	1.75 V	250	35.5	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	111.9 PK			1.74 H	226	114.0	-2.1
2	*2440.00	109.1 AV			1.74 H	226	111.2	-2.1
3	4880.00	43.4 PK	74.0	-30.6	4.00 H	196	41.0	2.4
4	4880.00	35.0 AV	54.0	-19.0	4.00 H	196	32.6	2.4
5	7320.00	46.4 PK	74.0	-27.6	3.59 H	326	39.0	7.4
6	7320.00	37.1 AV	54.0	-16.9	3.59 H	326	29.7	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	110.2 PK			1.79 V	213	112.3	-2.1
2	*2440.00	108.2 AV			1.79 V	213	110.3	-2.1
3	4880.00	44.6 PK	74.0	-29.4	1.85 V	265	42.2	2.4
4	4880.00	37.5 AV	54.0	-16.5	1.85 V	265	35.1	2.4
5	7320.00	48.6 PK	74.0	-25.4	4.00 V	205	41.2	7.4
6	7320.00	38.8 AV	54.0	-15.2	4.00 V	205	31.4	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	109.5 PK			3.42 H	7	111.9	-2.4
2	*2478.00	107.5 AV			3.42 H	7	109.9	-2.4
3	2483.50	56.8 PK	74.0	-17.2	3.42 H	7	59.2	-2.4
4	2483.50	47.9 AV	54.0	-6.1	3.42 H	7	50.3	-2.4
5	4956.00	42.8 PK	74.0	-31.2	4.00 H	210	40.5	2.3
6	4956.00	34.3 AV	54.0	-19.7	4.00 H	210	32.0	2.3
7	7434.00	46.8 PK	74.0	-27.2	3.61 H	338	38.8	8.0
8	7434.00	37.3 AV	54.0	-16.7	3.61 H	338	29.3	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	110.4 PK			1.93 V	181	112.8	-2.4
2	*2478.00	108.0 AV			1.93 V	181	110.4	-2.4
3	2483.50	56.7 PK	74.0	-17.3	1.93 V	181	59.1	-2.4
4	2483.50	48.2 AV	54.0	-5.8	1.93 V	181	50.6	-2.4
5	4956.00	45.6 PK	74.0	-28.4	1.77 V	254	43.3	2.3
6	4956.00	38.1 AV	54.0	-15.9	1.77 V	254	35.8	2.3
7	7434.00	49.1 PK	74.0	-24.9	4.00 V	190	41.1	8.0
8	7434.00	39.0 AV	54.0	-15.0	4.00 V	190	31.0	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	2.30 H	199	58.2	-2.0
2	2390.00	45.2 AV	54.0	-8.8	2.30 H	199	47.2	-2.0
3	*2404.00	110.4 PK			2.30 H	199	112.5	-2.1
4	*2404.00	101.3 AV			2.30 H	199	103.4	-2.1
5	4808.00	42.4 PK	74.0	-31.6	4.00 H	210	40.3	2.1
6	4808.00	34.3 AV	54.0	-19.7	4.00 H	210	32.2	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	1.70 V	153	58.3	-2.0
2	2390.00	45.1 AV	54.0	-8.9	1.70 V	153	47.1	-2.0
3	*2404.00	111.3 PK			1.70 V	153	113.4	-2.1
4	*2404.00	103.5 AV			1.70 V	153	105.6	-2.1
5	4808.00	44.5 PK	74.0	-29.5	1.85 V	277	42.4	2.1
6	4808.00	37.4 AV	54.0	-16.6	1.85 V	277	35.3	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	110.5 PK			2.28 H	197	112.6	-2.1
2	*2440.00	101.7 AV			2.28 H	197	103.8	-2.1
3	4880.00	42.6 PK	74.0	-31.4	4.00 H	198	40.2	2.4
4	4880.00	34.6 AV	54.0	-19.4	4.00 H	198	32.2	2.4
5	7320.00	46.5 PK	74.0	-27.5	3.63 H	334	39.1	7.4
6	7320.00	37.1 AV	54.0	-16.9	3.63 H	334	29.7	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	111.5 PK			1.66 V	158	113.6	-2.1
2	*2440.00	103.8 AV			1.66 V	158	105.9	-2.1
3	4880.00	45.0 PK	74.0	-29.0	1.83 V	251	42.6	2.4
4	4880.00	37.7 AV	54.0	-16.3	1.83 V	251	35.3	2.4
5	7320.00	49.7 PK	74.0	-24.3	4.00 V	202	42.3	7.4
6	7320.00	39.4 AV	54.0	-14.6	4.00 V	202	32.0	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	111.2 PK			2.14 H	348	113.6	-2.4
2	*2478.00	103.0 AV			2.14 H	348	105.4	-2.4
3	2483.50	61.1 PK	74.0	-12.9	2.14 H	348	63.5	-2.4
4	2483.50	46.8 AV	54.0	-7.2	2.14 H	348	49.2	-2.4
5	4956.00	42.6 PK	74.0	-31.4	4.00 H	197	40.3	2.3
6	4956.00	34.5 AV	54.0	-19.5	4.00 H	197	32.2	2.3
7	7434.00	46.6 PK	74.0	-27.4	3.68 H	343	38.6	8.0
8	7434.00	37.3 AV	54.0	-16.7	3.68 H	343	29.3	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	111.4 PK			1.64 V	200	113.8	-2.4
2	*2478.00	103.6 AV			1.64 V	200	106.0	-2.4
3	2483.50	62.7 PK	74.0	-11.3	1.64 V	200	65.1	-2.4
4	2483.50	47.1 AV	54.0	-6.9	1.64 V	200	49.5	-2.4
5	4956.00	44.8 PK	74.0	-29.2	1.77 V	258	42.5	2.3
6	4956.00	37.5 AV	54.0	-16.5	1.77 V	258	35.2	2.3
7	7434.00	48.8 PK	74.0	-25.2	4.00 V	189	40.8	8.0
8	7434.00	38.9 AV	54.0	-15.1	4.00 V	189	30.9	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

Mode B
1Tx

RF Mode	BT LE-1M	Channel	CH 0 : 2402 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.9 PK	74.0	-17.1	3.46 H	186	58.9	-2.0
2	2390.00	46.4 AV	54.0	-7.6	3.46 H	186	48.4	-2.0
3	*2402.00	107.3 PK			3.46 H	186	109.4	-2.1
4	*2402.00	106.2 AV			3.46 H	186	108.3	-2.1
5	4804.00	44.3 PK	74.0	-29.7	1.67 H	69	42.3	2.0
6	4804.00	33.4 AV	54.0	-20.6	1.67 H	69	31.4	2.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.6 PK	74.0	-17.4	1.03 V	181	58.6	-2.0
2	2390.00	46.2 AV	54.0	-7.8	1.03 V	181	48.2	-2.0
3	*2402.00	104.5 PK			1.03 V	181	106.6	-2.1
4	*2402.00	103.4 AV			1.03 V	181	105.5	-2.1
5	4804.00	45.2 PK	74.0	-28.8	2.69 V	255	43.2	2.0
6	4804.00	35.0 AV	54.0	-19.0	2.69 V	255	33.0	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	107.4 PK			3.00 H	171	109.5	-2.1
2	*2440.00	106.5 AV			3.00 H	171	108.6	-2.1
3	4880.00	44.8 PK	74.0	-29.2	1.63 H	75	42.4	2.4
4	4880.00	33.7 AV	54.0	-20.3	1.63 H	75	31.3	2.4
5	7320.00	46.1 PK	74.0	-27.9	1.04 H	15	38.7	7.4
6	7320.00	34.3 AV	54.0	-19.7	1.04 H	15	26.9	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	105.3 PK			1.05 V	179	107.4	-2.1
2	*2440.00	104.3 AV			1.05 V	179	106.4	-2.1
3	4880.00	45.5 PK	74.0	-28.5	2.73 V	264	43.1	2.4
4	4880.00	35.0 AV	54.0	-19.0	2.73 V	264	32.6	2.4
5	7320.00	48.5 PK	74.0	-25.5	2.96 V	276	41.1	7.4
6	7320.00	36.6 AV	54.0	-17.4	2.96 V	276	29.2	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	107.6 PK			2.85 H	200	110.0	-2.4
2	*2480.00	106.6 AV			2.85 H	200	109.0	-2.4
3	2483.50	56.1 PK	74.0	-17.9	2.85 H	200	58.5	-2.4
4	2483.50	45.7 AV	54.0	-8.3	2.85 H	200	48.1	-2.4
5	4960.00	43.9 PK	74.0	-30.1	1.67 H	64	41.6	2.3
6	4960.00	33.3 AV	54.0	-20.7	1.67 H	64	31.0	2.3
7	7440.00	46.8 PK	74.0	-27.2	1.11 H	28	38.7	8.1
8	7440.00	35.0 AV	54.0	-19.0	1.11 H	28	26.9	8.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	105.0 PK			1.00 V	183	107.4	-2.4
2	*2480.00	104.0 AV			1.00 V	183	106.4	-2.4
3	2483.50	56.4 PK	74.0	-17.6	1.00 V	183	58.8	-2.4
4	2483.50	45.8 AV	54.0	-8.2	1.00 V	183	48.2	-2.4
5	4960.00	45.3 PK	74.0	-28.7	2.67 V	264	43.0	2.3
6	4960.00	35.3 AV	54.0	-18.7	2.67 V	264	33.0	2.3
7	7440.00	49.4 PK	74.0	-24.6	2.91 V	290	41.3	8.1
8	7440.00	37.4 AV	54.0	-16.6	2.91 V	290	29.3	8.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	3.46 H	187	58.3	-2.0
2	2390.00	46.0 AV	54.0	-8.0	3.46 H	187	48.0	-2.0
3	*2404.00	106.3 PK			3.46 H	187	108.4	-2.1
4	*2404.00	103.4 AV			3.46 H	187	105.5	-2.1
5	4808.00	43.9 PK	74.0	-30.1	1.70 H	72	41.8	2.1
6	4808.00	33.1 AV	54.0	-20.9	1.70 H	72	31.0	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.8 PK	74.0	-18.2	1.07 V	185	57.8	-2.0
2	2390.00	45.6 AV	54.0	-8.4	1.07 V	185	47.6	-2.0
3	*2404.00	103.9 PK			1.07 V	185	106.0	-2.1
4	*2404.00	101.0 AV			1.07 V	185	103.1	-2.1
5	4808.00	44.5 PK	74.0	-29.5	2.71 V	252	42.4	2.1
6	4808.00	34.6 AV	54.0	-19.4	2.71 V	252	32.5	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	107.2 PK			3.00 H	189	109.3	-2.1
2	*2440.00	104.2 AV			3.00 H	189	106.3	-2.1
3	4880.00	44.3 PK	74.0	-29.7	1.64 H	77	41.9	2.4
4	4880.00	33.1 AV	54.0	-20.9	1.64 H	77	30.7	2.4
5	7320.00	45.9 PK	74.0	-28.1	1.13 H	21	38.5	7.4
6	7320.00	34.3 AV	54.0	-19.7	1.13 H	21	26.9	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	104.5 PK			1.03 V	180	106.6	-2.1
2	*2440.00	101.8 AV			1.03 V	180	103.9	-2.1
3	4880.00	45.4 PK	74.0	-28.6	2.73 V	252	43.0	2.4
4	4880.00	35.3 AV	54.0	-18.7	2.73 V	252	32.9	2.4
5	7320.00	48.4 PK	74.0	-25.6	2.94 V	279	41.0	7.4
6	7320.00	36.6 AV	54.0	-17.4	2.94 V	279	29.2	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	107.0 PK			2.85 H	199	109.4	-2.4
2	*2478.00	104.1 AV			2.85 H	199	106.5	-2.4
3	2483.50	56.9 PK	74.0	-17.1	2.85 H	199	59.3	-2.4
4	2483.50	46.3 AV	54.0	-7.7	2.85 H	199	48.7	-2.4
5	4956.00	45.0 PK	74.0	-29.0	1.63 H	65	42.7	2.3
6	4956.00	33.8 AV	54.0	-20.2	1.63 H	65	31.5	2.3
7	7434.00	46.4 PK	74.0	-27.6	1.07 H	24	38.4	8.0
8	7434.00	34.9 AV	54.0	-19.1	1.07 H	24	26.9	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	104.3 PK			1.00 V	200	106.7	-2.4
2	*2478.00	101.6 AV			1.00 V	200	104.0	-2.4
3	2483.50	56.5 PK	74.0	-17.5	1.00 V	200	58.9	-2.4
4	2483.50	46.2 AV	54.0	-7.8	1.00 V	200	48.6	-2.4
5	4956.00	45.0 PK	74.0	-29.0	2.72 V	266	42.7	2.3
6	4956.00	34.9 AV	54.0	-19.1	2.72 V	266	32.6	2.3
7	7434.00	48.8 PK	74.0	-25.2	2.97 V	280	40.8	8.0
8	7434.00	37.1 AV	54.0	-16.9	2.97 V	280	29.1	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	3.04 H	184	58.2	-2.0
2	2390.00	45.3 AV	54.0	-8.7	3.04 H	184	47.3	-2.0
3	*2404.00	108.0 PK			3.04 H	184	110.1	-2.1
4	*2404.00	99.7 AV			3.04 H	184	101.8	-2.1
5	4808.00	44.5 PK	74.0	-29.5	1.73 H	54	42.4	2.1
6	4808.00	33.4 AV	54.0	-20.6	1.73 H	54	31.3	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	1.05 V	191	58.2	-2.0
2	2390.00	45.1 AV	54.0	-8.9	1.05 V	191	47.1	-2.0
3	*2404.00	105.0 PK			1.05 V	191	107.1	-2.1
4	*2404.00	97.1 AV			1.05 V	191	99.2	-2.1
5	4808.00	44.9 PK	74.0	-29.1	2.73 V	242	42.8	2.1
6	4808.00	34.8 AV	54.0	-19.2	2.73 V	242	32.7	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	108.7 PK			3.01 H	193	110.8	-2.1
2	*2440.00	100.3 AV			3.01 H	193	102.4	-2.1
3	4880.00	44.4 PK	74.0	-29.6	1.66 H	83	42.0	2.4
4	4880.00	33.7 AV	54.0	-20.3	1.66 H	83	31.3	2.4
5	7320.00	45.7 PK	74.0	-28.3	1.09 H	26	38.3	7.4
6	7320.00	34.2 AV	54.0	-19.8	1.09 H	26	26.8	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	105.8 PK			1.07 V	201	107.9	-2.1
2	*2440.00	97.5 AV			1.07 V	201	99.6	-2.1
3	4880.00	45.0 PK	74.0	-29.0	2.70 V	247	42.6	2.4
4	4880.00	35.1 AV	54.0	-18.9	2.70 V	247	32.7	2.4
5	7320.00	48.6 PK	74.0	-25.4	2.97 V	290	41.2	7.4
6	7320.00	36.7 AV	54.0	-17.3	2.97 V	290	29.3	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	107.6 PK			2.94 H	198	110.0	-2.4
2	*2478.00	99.0 AV			2.94 H	198	101.4	-2.4
3	2483.50	57.5 PK	74.0	-16.5	2.94 H	198	59.9	-2.4
4	2483.50	44.6 AV	54.0	-9.4	2.94 H	198	47.0	-2.4
5	4956.00	44.5 PK	74.0	-29.5	1.64 H	76	42.2	2.3
6	4956.00	33.5 AV	54.0	-20.5	1.64 H	76	31.2	2.3
7	7434.00	46.0 PK	74.0	-28.0	1.12 H	13	38.0	8.0
8	7434.00	34.1 AV	54.0	-19.9	1.12 H	13	26.1	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	105.7 PK			1.00 V	205	108.1	-2.4
2	*2478.00	97.3 AV			1.00 V	205	99.7	-2.4
3	2483.50	57.7 PK	74.0	-16.3	1.00 V	205	60.1	-2.4
4	2483.50	45.2 AV	54.0	-8.8	1.00 V	205	47.6	-2.4
5	4956.00	45.6 PK	74.0	-28.4	2.74 V	264	43.3	2.3
6	4956.00	35.3 AV	54.0	-18.7	2.74 V	264	33.0	2.3
7	7434.00	48.4 PK	74.0	-25.6	2.91 V	302	40.4	8.0
8	7434.00	36.7 AV	54.0	-17.3	2.91 V	302	28.7	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

2Tx

RF Mode	BT LE-1M	Channel	CH 0 : 2402 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.6 PK	74.0	-17.4	2.92 H	262	58.6	-2.0
2	2390.00	46.4 AV	54.0	-7.6	2.92 H	262	48.4	-2.0
3	*2402.00	109.2 PK			2.92 H	262	111.3	-2.1
4	*2402.00	108.1 AV			2.92 H	262	110.2	-2.1
5	4804.00	44.2 PK	74.0	-29.8	1.65 H	76	42.2	2.0
6	4804.00	33.1 AV	54.0	-20.9	1.65 H	76	31.1	2.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.1 PK	74.0	-17.9	2.83 V	284	58.1	-2.0
2	2390.00	45.8 AV	54.0	-8.2	2.83 V	284	47.8	-2.0
3	*2402.00	103.8 PK			2.83 V	284	105.9	-2.1
4	*2402.00	101.3 AV			2.83 V	284	103.4	-2.1
5	4804.00	44.4 PK	74.0	-29.6	2.68 V	248	42.4	2.0
6	4804.00	34.4 AV	54.0	-19.6	2.68 V	248	32.4	2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	109.6 PK			2.89 H	258	111.7	-2.1
2	*2440.00	108.3 AV			2.89 H	258	110.4	-2.1
3	4880.00	43.8 PK	74.0	-30.2	1.67 H	69	41.4	2.4
4	4880.00	33.1 AV	54.0	-20.9	1.67 H	69	30.7	2.4
5	7320.00	46.5 PK	74.0	-27.5	1.05 H	19	39.1	7.4
6	7320.00	34.5 AV	54.0	-19.5	1.05 H	19	27.1	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	103.4 PK			2.82 V	277	105.5	-2.1
2	*2440.00	100.8 AV			2.82 V	277	102.9	-2.1
3	4880.00	44.6 PK	74.0	-29.4	2.71 V	241	42.2	2.4
4	4880.00	34.7 AV	54.0	-19.3	2.71 V	241	32.3	2.4
5	7320.00	48.6 PK	74.0	-25.4	2.94 V	279	41.2	7.4
6	7320.00	36.7 AV	54.0	-17.3	2.94 V	279	29.3	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-1M	Channel	CH 39 : 2480 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	107.3 PK			1.03 H	118	109.7	-2.4
2	*2480.00	105.7 AV			1.03 H	118	108.1	-2.4
3	2483.50	56.7 PK	74.0	-17.3	1.03 H	118	59.1	-2.4
4	2483.50	46.1 AV	54.0	-7.9	1.03 H	118	48.5	-2.4
5	4960.00	43.7 PK	74.0	-30.3	1.72 H	81	41.4	2.3
6	4960.00	33.1 AV	54.0	-20.9	1.72 H	81	30.8	2.3
7	7440.00	46.4 PK	74.0	-27.6	1.14 H	11	38.3	8.1
8	7440.00	34.8 AV	54.0	-19.2	1.14 H	11	26.7	8.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	102.8 PK			2.91 V	250	105.2	-2.4
2	*2480.00	100.2 AV			2.91 V	250	102.6	-2.4
3	2483.50	57.2 PK	74.0	-16.8	2.91 V	250	59.6	-2.4
4	2483.50	46.6 AV	54.0	-7.4	2.91 V	250	49.0	-2.4
5	4960.00	44.4 PK	74.0	-29.6	2.64 V	245	42.1	2.3
6	4960.00	34.5 AV	54.0	-19.5	2.64 V	245	32.2	2.3
7	7440.00	49.1 PK	74.0	-24.9	3.00 V	276	41.0	8.1
8	7440.00	37.3 AV	54.0	-16.7	3.00 V	276	29.2	8.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.8 PK	74.0	-17.2	2.94 H	262	58.8	-2.0
2	2390.00	46.2 AV	54.0	-7.8	2.94 H	262	48.2	-2.0
3	*2404.00	109.2 PK			2.94 H	262	111.3	-2.1
4	*2404.00	105.1 AV			2.94 H	262	107.2	-2.1
5	4808.00	44.5 PK	74.0	-29.5	1.65 H	73	42.4	2.1
6	4808.00	33.6 AV	54.0	-20.4	1.65 H	73	31.5	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	2.84 V	206	58.3	-2.0
2	2390.00	46.0 AV	54.0	-8.0	2.84 V	206	48.0	-2.0
3	*2404.00	106.8 PK			2.84 V	206	108.9	-2.1
4	*2404.00	102.0 AV			2.84 V	206	104.1	-2.1
5	4808.00	45.9 PK	74.0	-28.1	2.71 V	240	43.8	2.1
6	4808.00	35.4 AV	54.0	-18.6	2.71 V	240	33.3	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	108.9 PK			2.92 H	270	111.0	-2.1
2	*2440.00	104.7 AV			2.92 H	270	106.8	-2.1
3	4880.00	43.8 PK	74.0	-30.2	1.69 H	61	41.4	2.4
4	4880.00	33.0 AV	54.0	-21.0	1.69 H	61	30.6	2.4
5	7320.00	46.4 PK	74.0	-27.6	1.07 H	30	39.0	7.4
6	7320.00	34.8 AV	54.0	-19.2	1.07 H	30	27.4	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	107.0 PK			2.79 V	219	109.1	-2.1
2	*2440.00	101.9 AV			2.79 V	219	104.0	-2.1
3	4880.00	45.4 PK	74.0	-28.6	2.71 V	264	43.0	2.4
4	4880.00	35.2 AV	54.0	-18.8	2.71 V	264	32.8	2.4
5	7320.00	48.8 PK	74.0	-25.2	2.95 V	288	41.4	7.4
6	7320.00	36.7 AV	54.0	-17.3	2.95 V	288	29.3	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-2M	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	106.5 PK			1.03 H	122	108.9	-2.4
2	*2478.00	101.4 AV			1.03 H	122	103.8	-2.4
3	2483.50	56.9 PK	74.0	-17.1	1.03 H	122	59.3	-2.4
4	2483.50	46.6 AV	54.0	-7.4	1.03 H	122	49.0	-2.4
5	4956.00	43.9 PK	74.0	-30.1	1.70 H	81	41.6	2.3
6	4956.00	33.1 AV	54.0	-20.9	1.70 H	81	30.8	2.3
7	7434.00	46.4 PK	74.0	-27.6	1.04 H	16	38.4	8.0
8	7434.00	34.6 AV	54.0	-19.4	1.04 H	16	26.6	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	105.8 PK			2.91 V	217	108.2	-2.4
2	*2478.00	100.7 AV			2.91 V	217	103.1	-2.4
3	2483.50	56.2 PK	74.0	-17.8	2.91 V	217	58.6	-2.4
4	2483.50	46.0 AV	54.0	-8.0	2.91 V	217	48.4	-2.4
5	4956.00	44.9 PK	74.0	-29.1	2.72 V	264	42.6	2.3
6	4956.00	34.6 AV	54.0	-19.4	2.72 V	264	32.3	2.3
7	7434.00	49.3 PK	74.0	-24.7	2.94 V	298	41.3	8.0
8	7434.00	37.2 AV	54.0	-16.8	2.94 V	298	29.2	8.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	2.92 H	264	58.2	-2.0
2	2390.00	45.2 AV	54.0	-8.8	2.92 H	264	47.2	-2.0
3	*2404.00	109.6 PK			2.92 H	264	111.7	-2.1
4	*2404.00	102.0 AV			2.92 H	264	104.1	-2.1
5	4808.00	44.6 PK	74.0	-29.4	1.65 H	57	42.5	2.1
6	4808.00	33.6 AV	54.0	-20.4	1.65 H	57	31.5	2.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	2.84 V	206	58.3	-2.0
2	2390.00	45.1 AV	54.0	-8.9	2.84 V	206	47.1	-2.0
3	*2404.00	105.1 PK			2.84 V	206	107.2	-2.1
4	*2404.00	97.5 AV			2.84 V	206	99.6	-2.1
5	4808.00	45.5 PK	74.0	-28.5	2.65 V	265	43.4	2.1
6	4808.00	35.1 AV	54.0	-18.9	2.65 V	265	33.0	2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 19 : 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	109.9 PK			2.96 H	280	112.0	-2.1
2	*2440.00	102.1 AV			2.96 H	280	104.2	-2.1
3	4880.00	43.7 PK	74.0	-30.3	1.69 H	63	41.3	2.4
4	4880.00	33.0 AV	54.0	-21.0	1.69 H	63	30.6	2.4
5	7320.00	46.9 PK	74.0	-27.1	1.11 H	20	39.5	7.4
6	7320.00	34.9 AV	54.0	-19.1	1.11 H	20	27.5	7.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2440.00	104.7 PK			2.85 V	199	106.8	-2.1
2	*2440.00	97.1 AV			2.85 V	199	99.2	-2.1
3	4880.00	45.7 PK	74.0	-28.3	2.69 V	267	43.3	2.4
4	4880.00	35.4 AV	54.0	-18.6	2.69 V	267	33.0	2.4
5	7320.00	48.5 PK	74.0	-25.5	2.91 V	273	41.1	7.4
6	7320.00	36.7 AV	54.0	-17.3	2.91 V	273	29.3	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	BT LE-HDT7.5	Channel	CH 38 : 2478 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 70% RH
Tested By	Stars Liu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	107.0 PK			1.22 H	113	109.4	-2.4
2	*2478.00	100.1 AV			1.22 H	113	102.5	-2.4
3	2483.50	61.1 PK	74.0	-12.9	1.22 H	113	63.5	-2.4
4	2483.50	46.8 AV	54.0	-7.2	1.22 H	113	49.2	-2.4
5	4956.00	45.1 PK	74.0	-28.9	1.65 H	75	42.8	2.3
6	4956.00	33.9 AV	54.0	-20.1	1.65 H	75	31.6	2.3
7	7434.00	46.2 PK	74.0	-27.8	1.06 H	28	38.2	8.0
8	7434.00	34.6 AV	54.0	-19.4	1.06 H	28	26.6	8.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2478.00	102.6 PK			2.72 V	210	105.0	-2.4
2	*2478.00	97.3 AV			2.72 V	210	99.7	-2.4
3	2483.50	62.7 PK	74.0	-11.3	2.72 V	210	65.1	-2.4
4	2483.50	47.1 AV	54.0	-6.9	2.72 V	210	49.5	-2.4
5	4956.00	45.6 PK	74.0	-28.4	2.71 V	243	43.3	2.3
6	4956.00	35.2 AV	54.0	-18.8	2.71 V	243	32.9	2.3
7	7434.00	49.0 PK	74.0	-25.0	2.89 V	289	41.0	8.0
8	7434.00	37.1 AV	54.0	-16.9	2.89 V	289	29.1	8.0

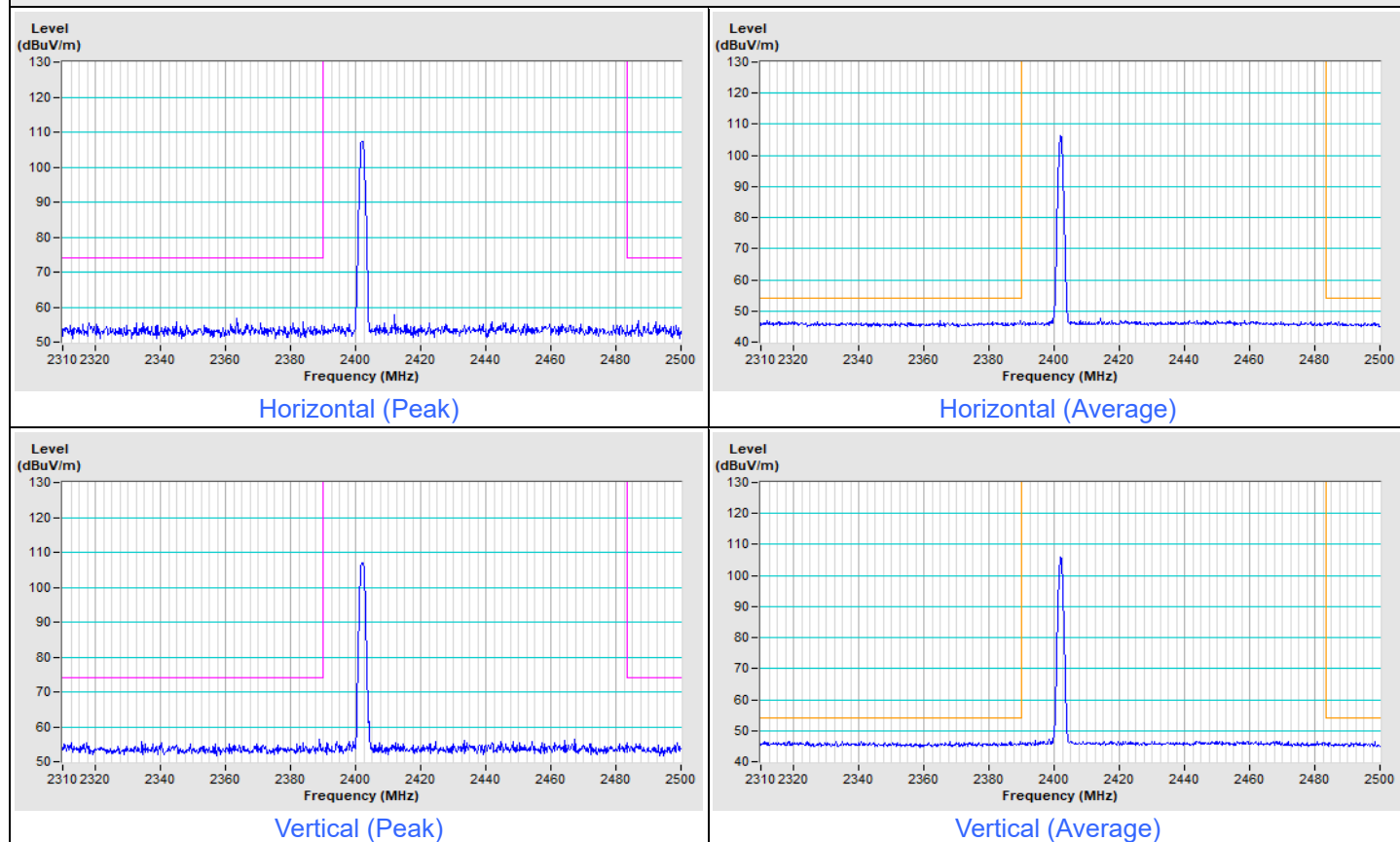
Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

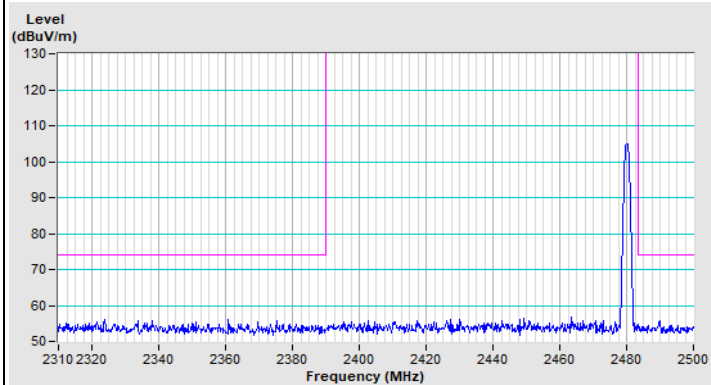
Plot of Band Edge
Mode A
1Tx

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

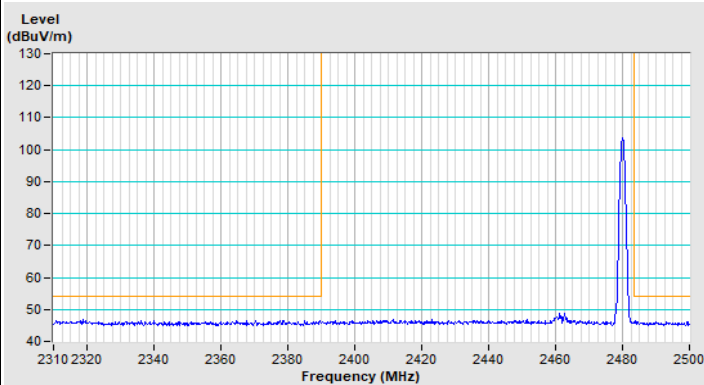
BT LE-1M Channel 0



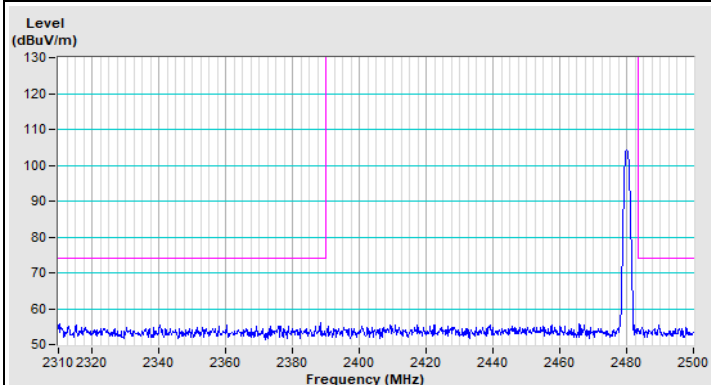
BT LE-1M Channel 39



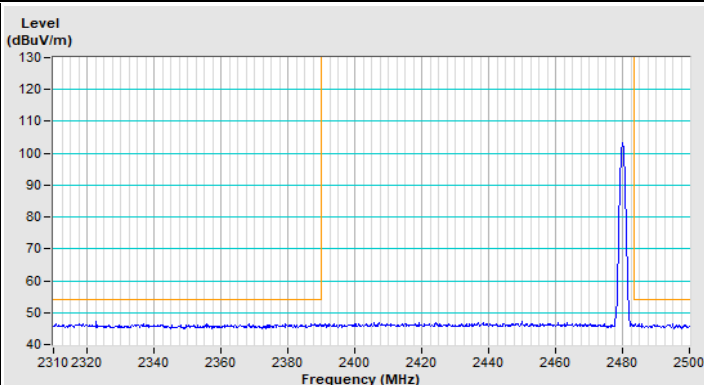
Horizontal (Peak)



Horizontal (Average)



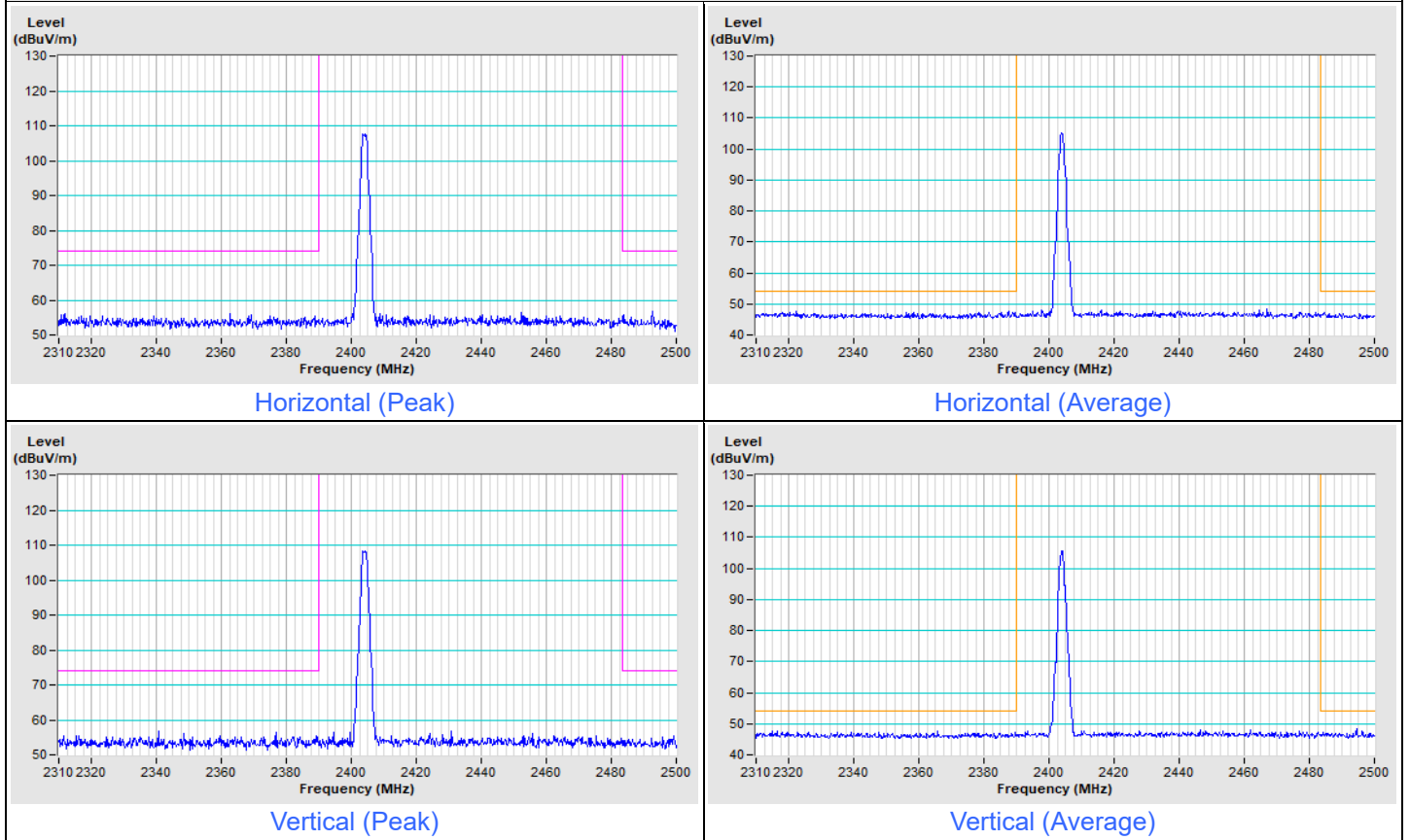
Vertical (Peak)



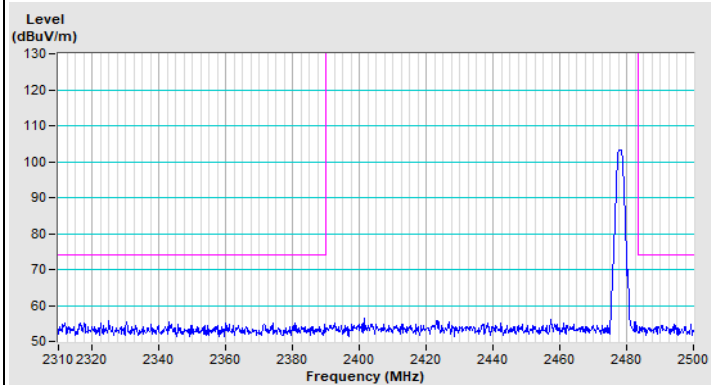
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

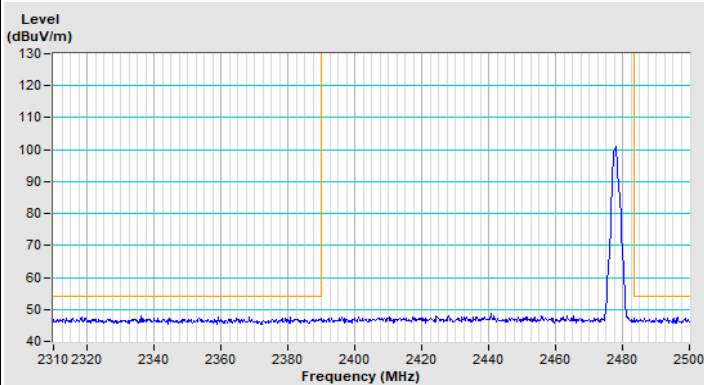
BT LE-2M Channel 1



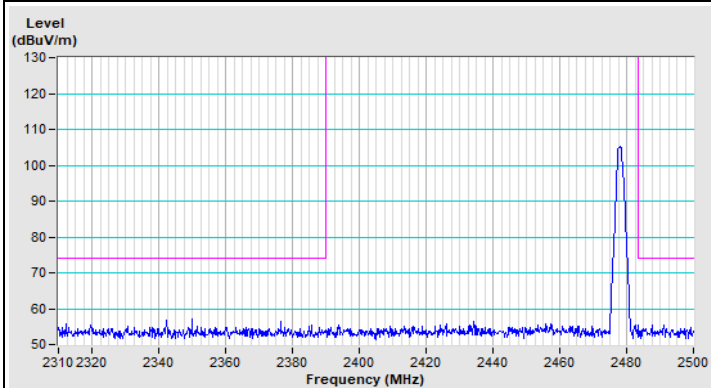
BT LE-2M Channel 38



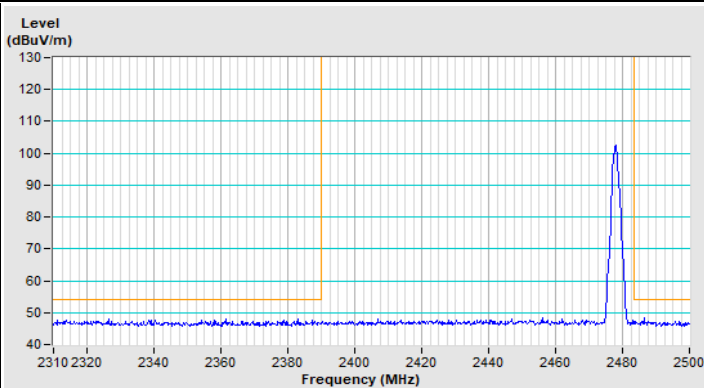
Horizontal (Peak)



Horizontal (Average)



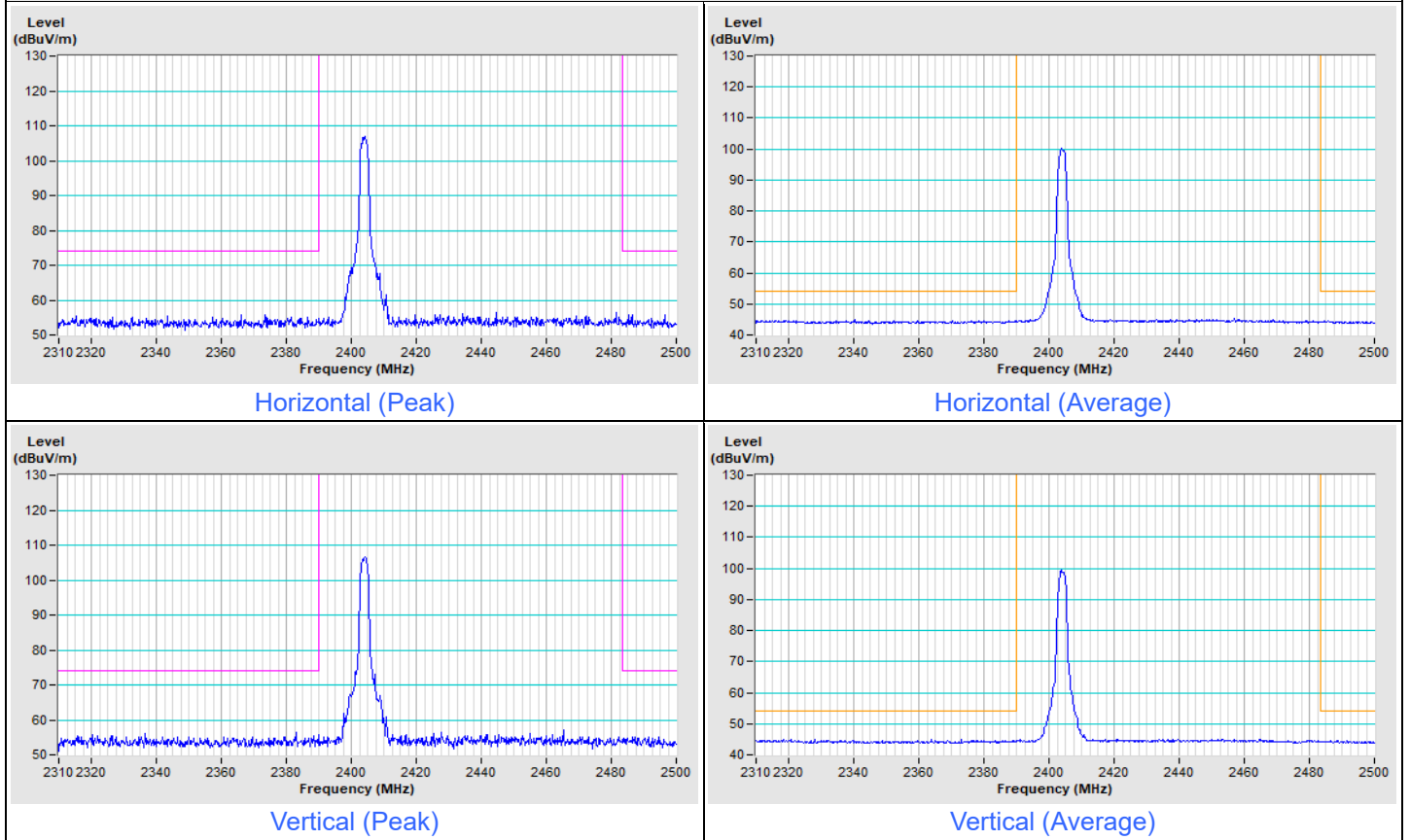
Vertical (Peak)



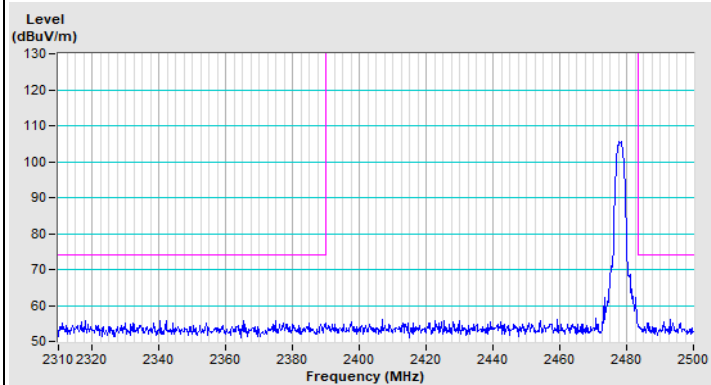
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

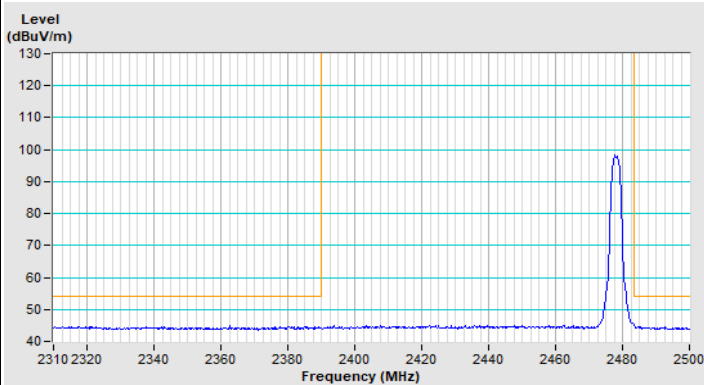
BT LE-HDT7.5 Channel 1



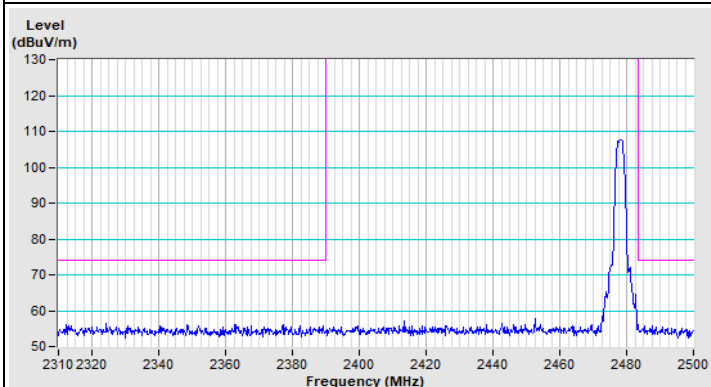
BT LE-HDT7.5 Channel 38



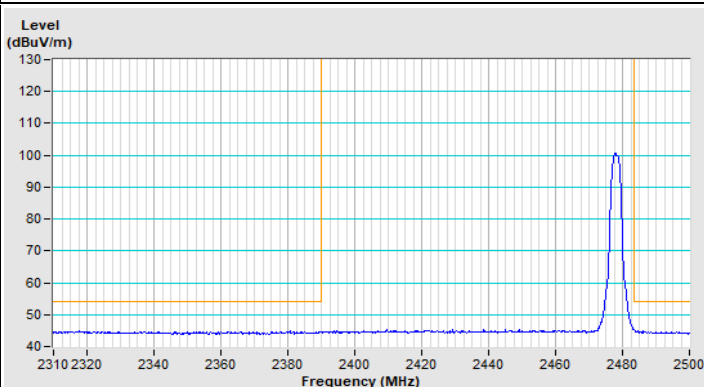
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

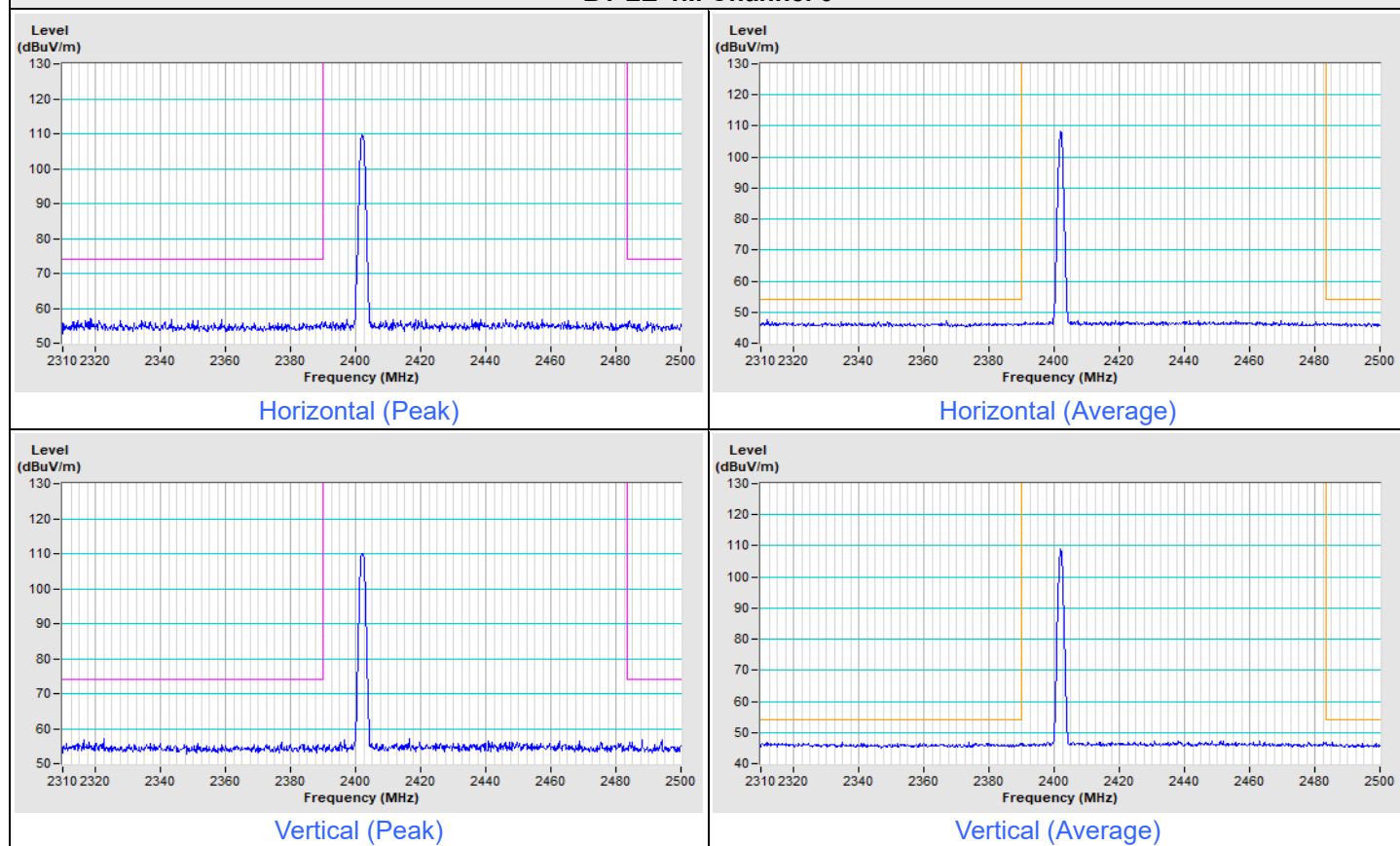


Vertical (Average)

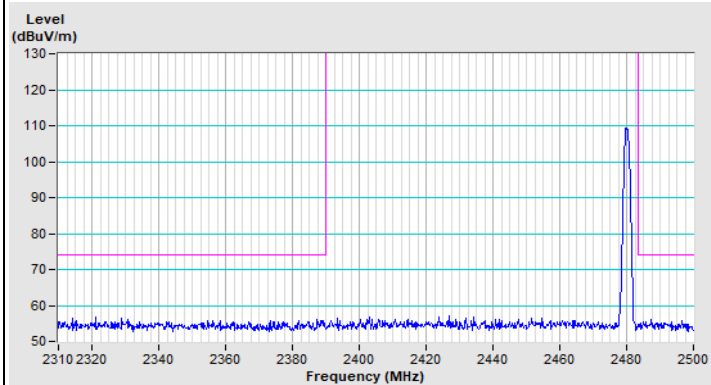
2Tx

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

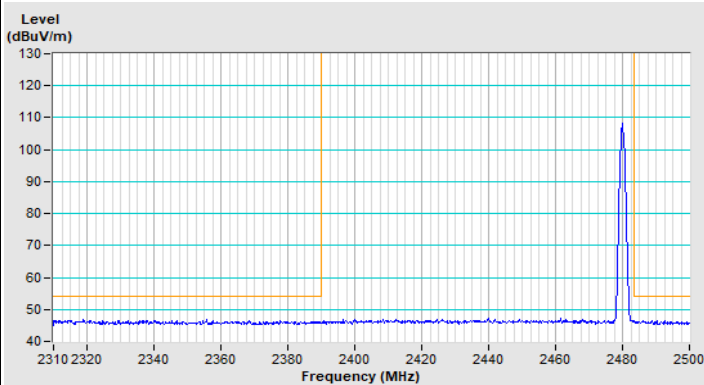
BT LE-1M Channel 0



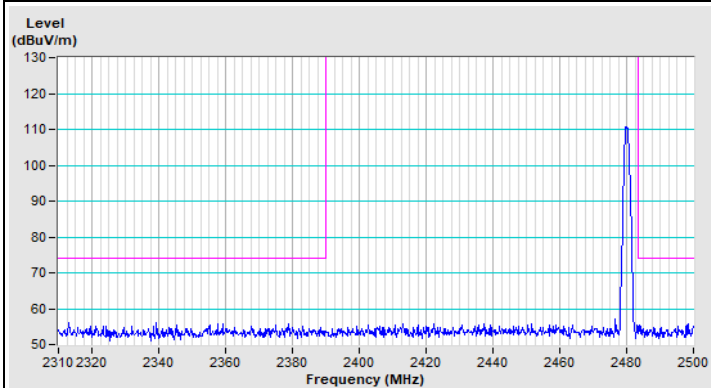
BT LE-1M Channel 39



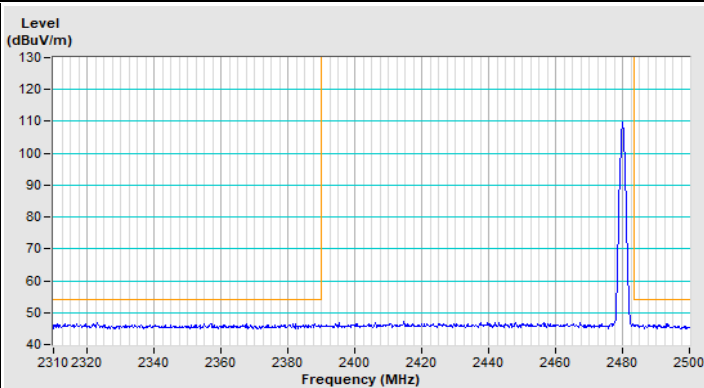
Horizontal (Peak)



Horizontal (Average)



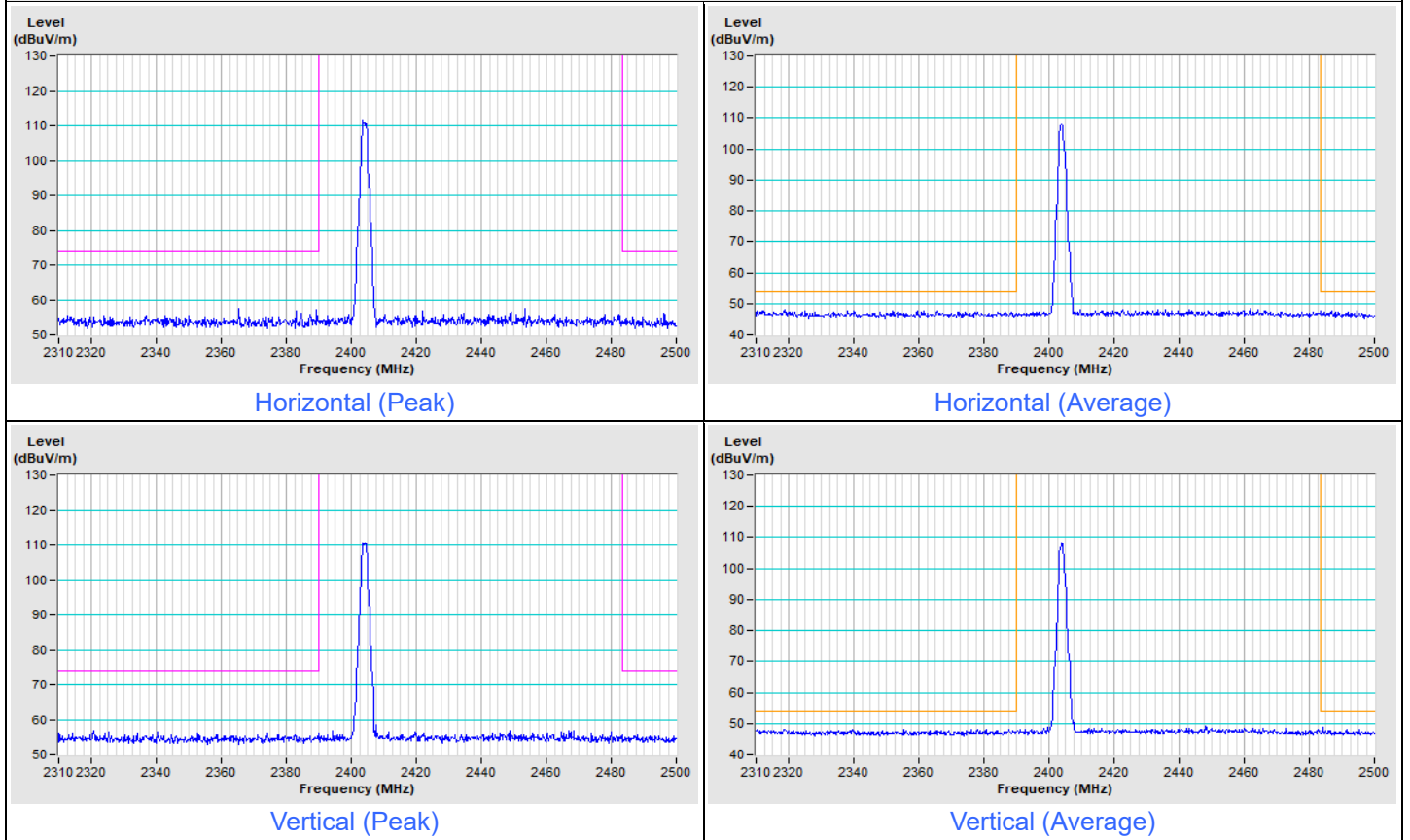
Vertical (Peak)



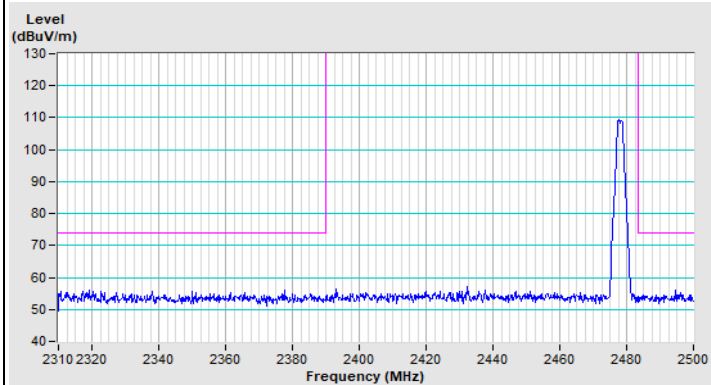
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

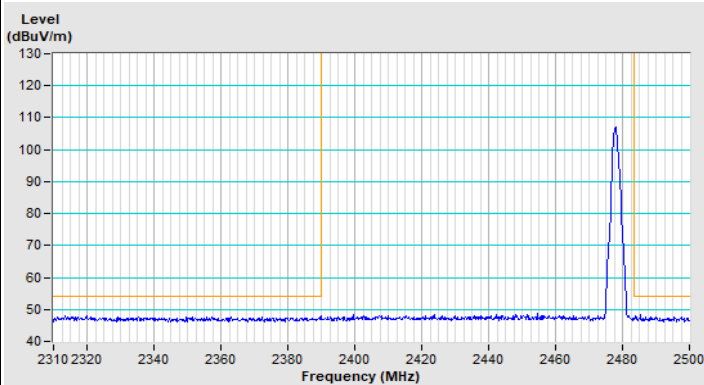
BT LE-2M Channel 1



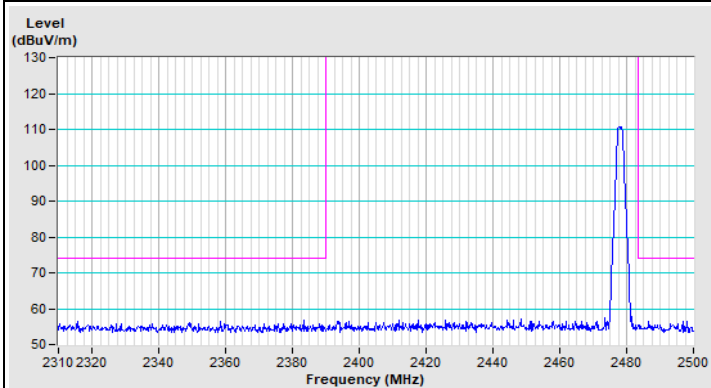
BT LE-2M Channel 38



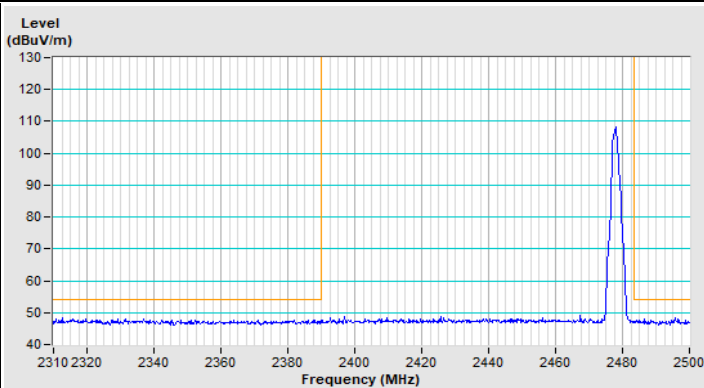
Horizontal (Peak)



Horizontal (Average)



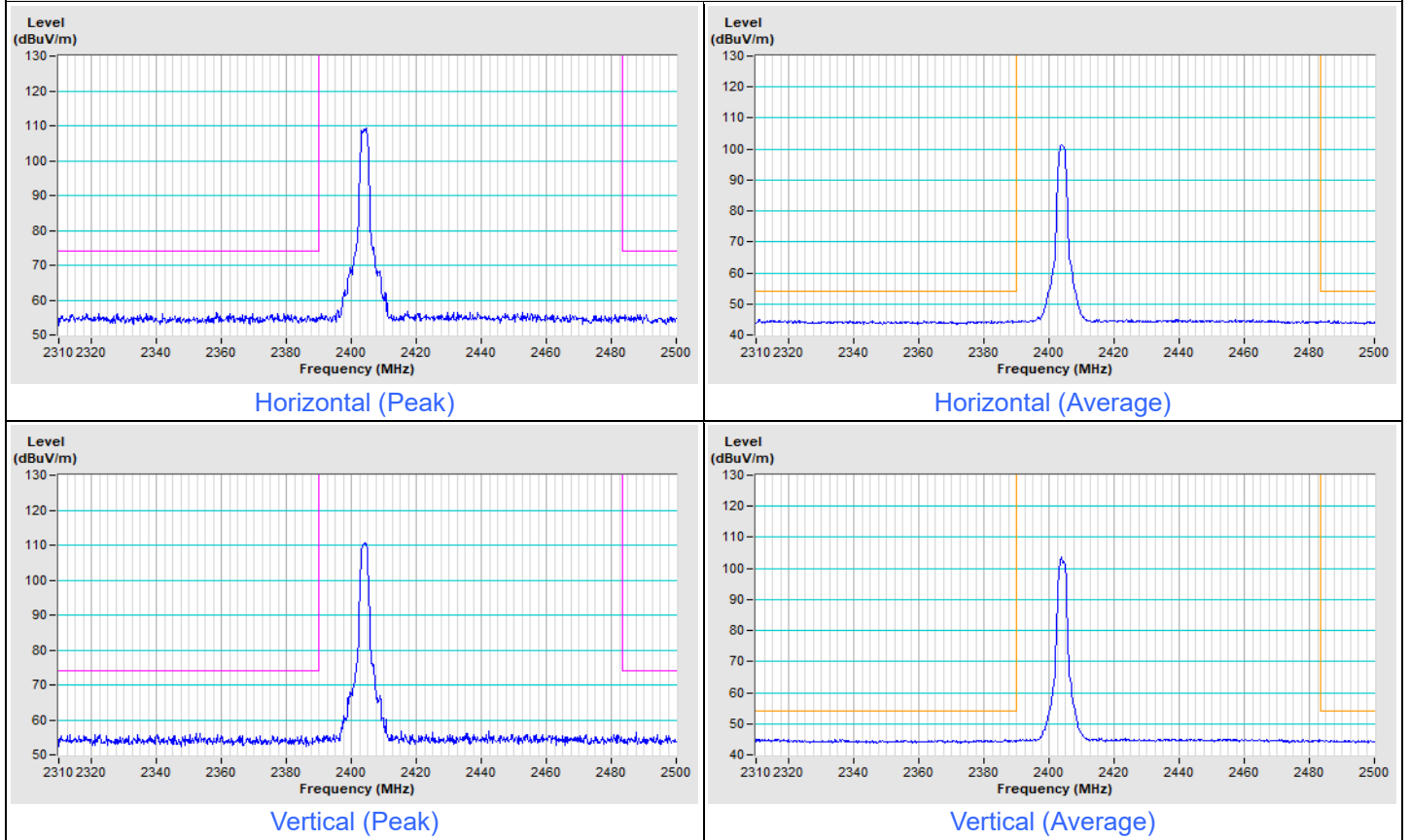
Vertical (Peak)



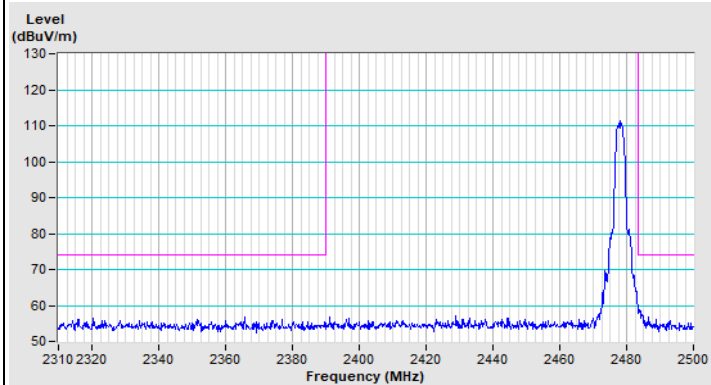
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

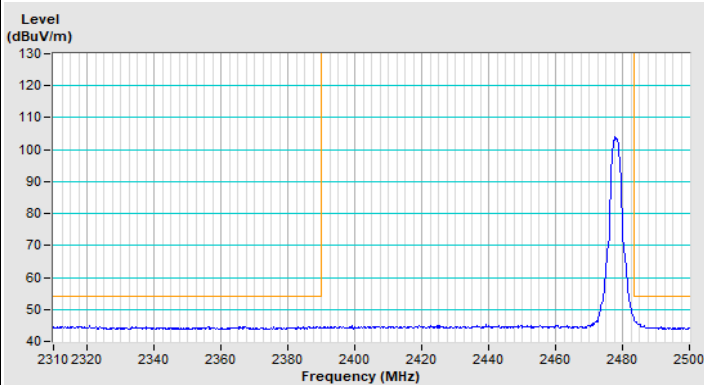
BT LE-HDT7.5 Channel 1



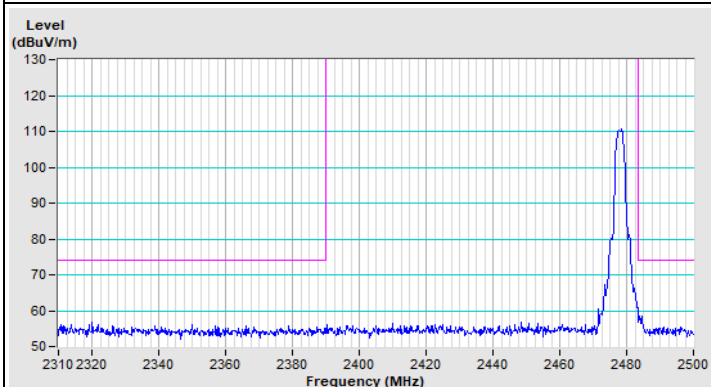
BT LE-HDT7.5 Channel 38



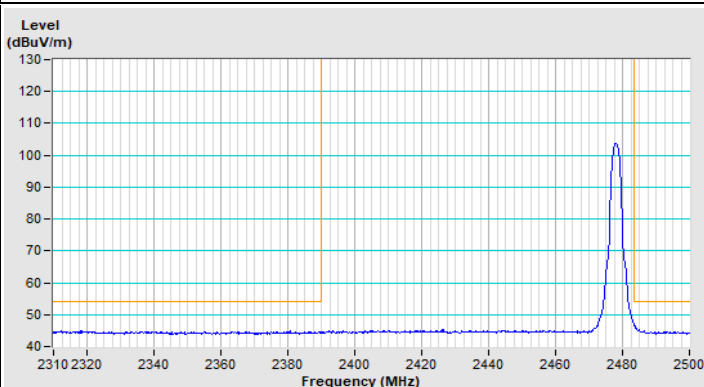
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

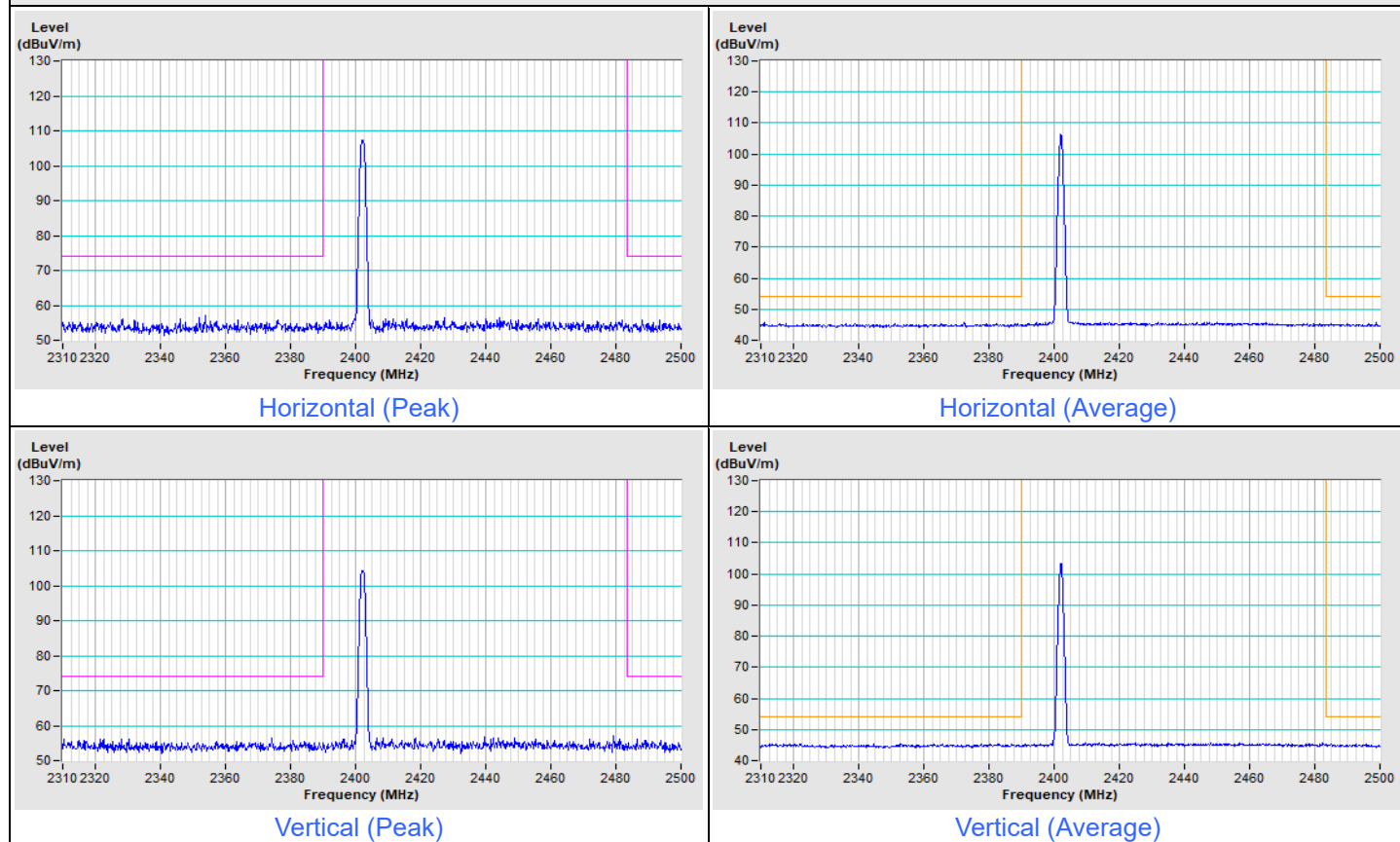


Vertical (Average)

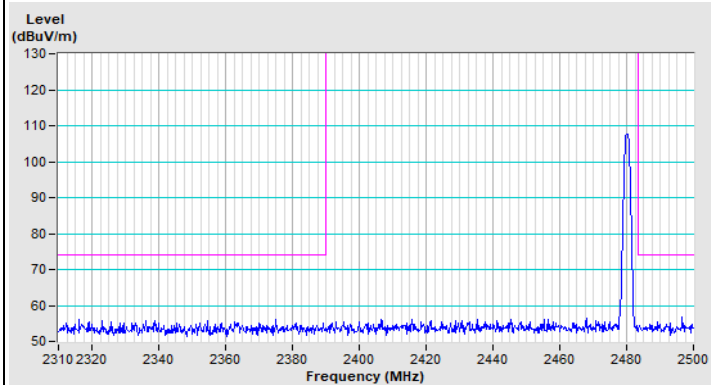
Mode B 1Tx

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

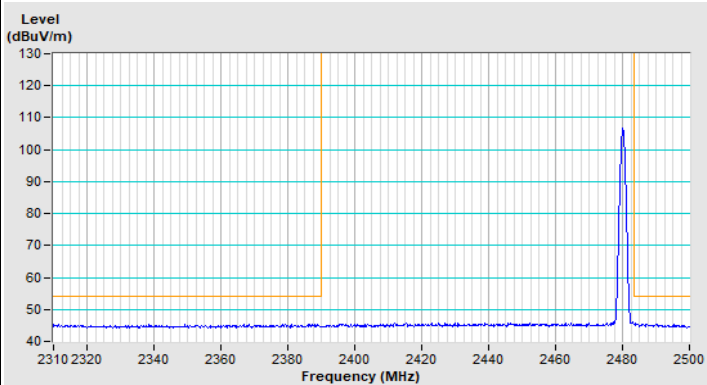
BT LE-1M Channel 0



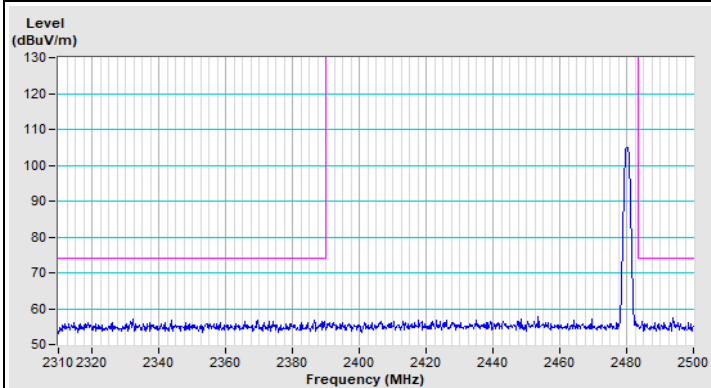
BT LE-1M Channel 39



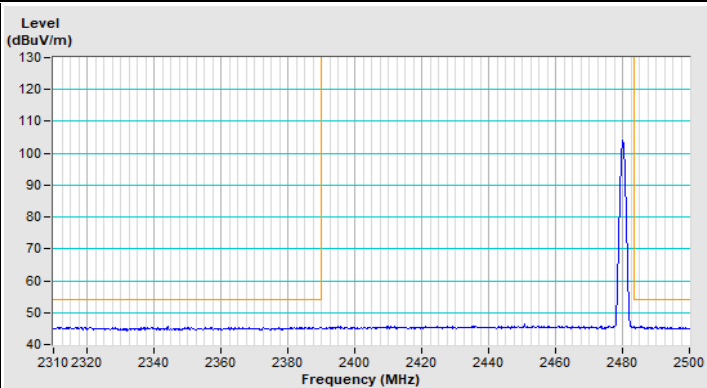
Horizontal (Peak)



Horizontal (Average)



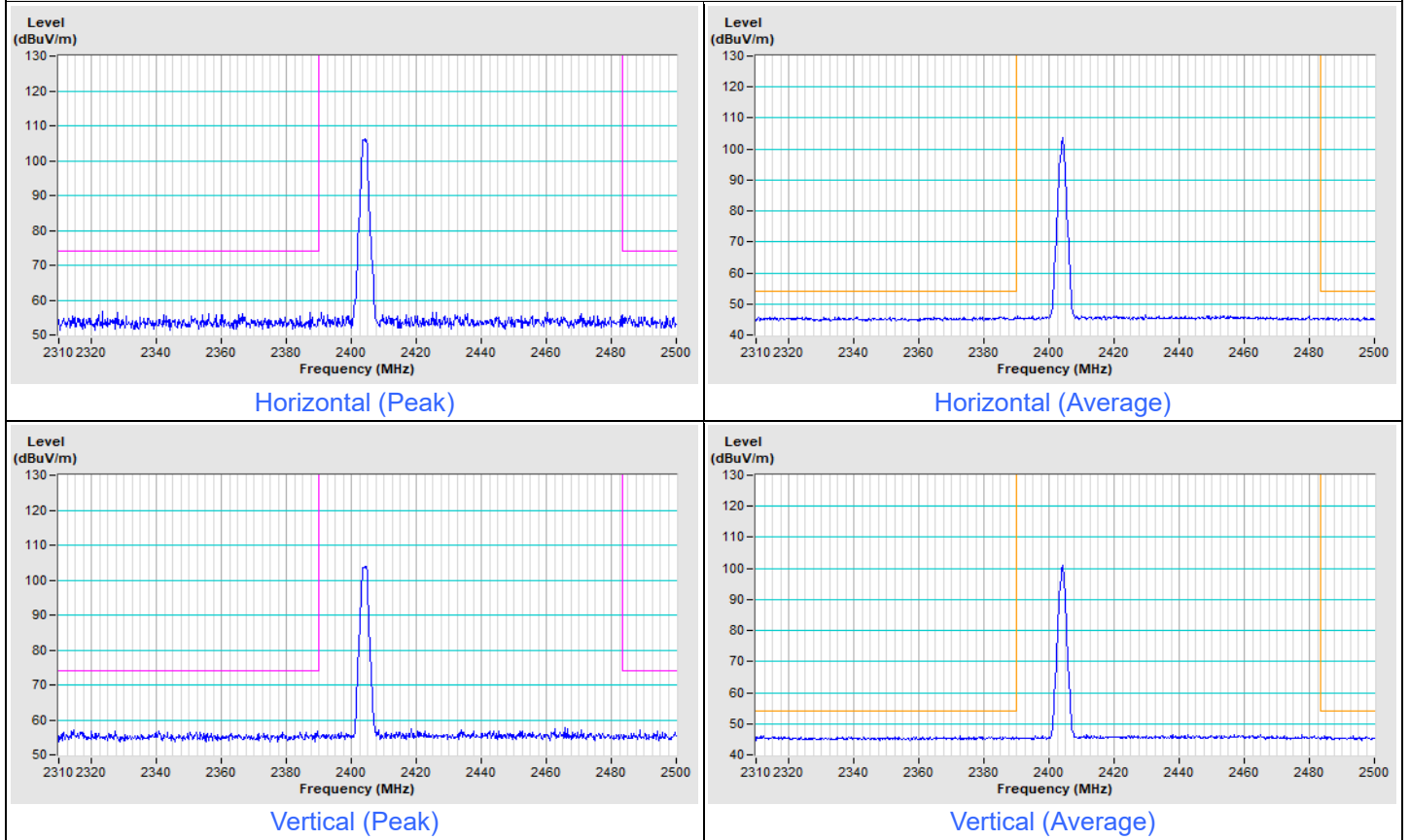
Vertical (Peak)



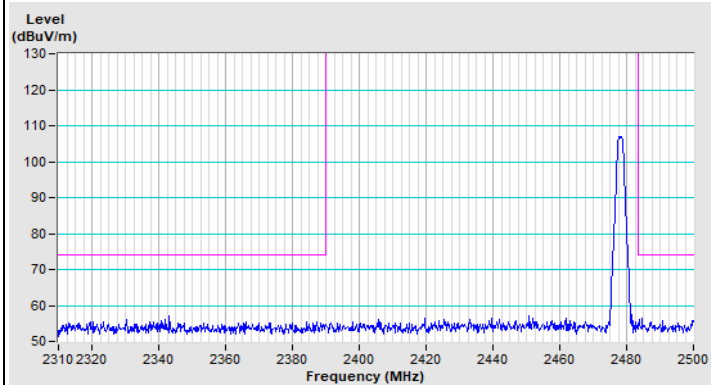
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

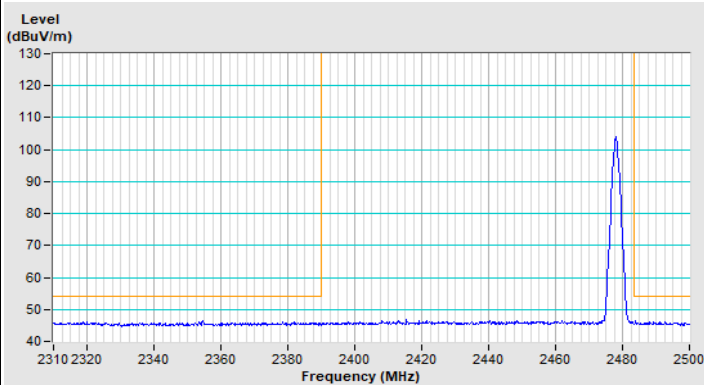
BT LE-2M Channel 1



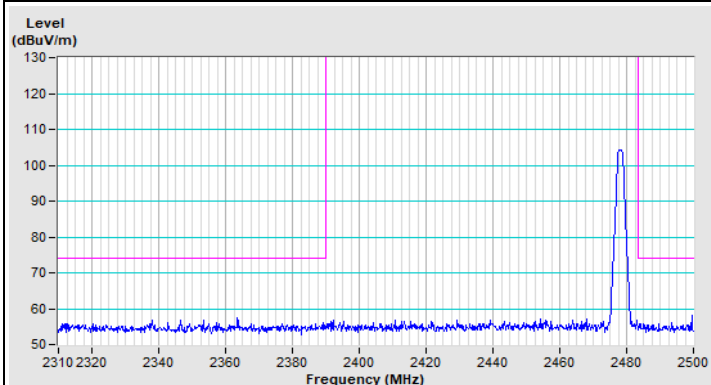
BT LE-2M Channel 38



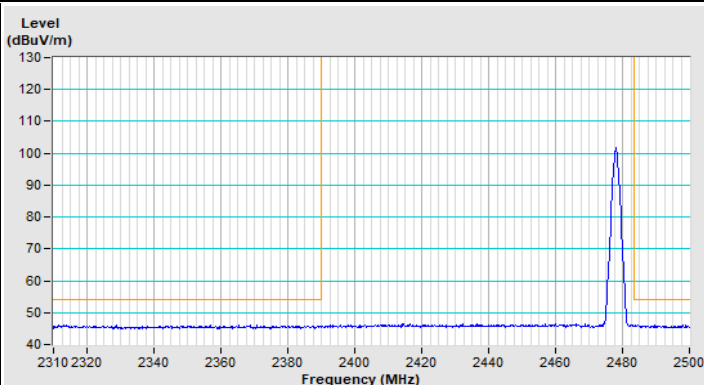
Horizontal (Peak)



Horizontal (Average)



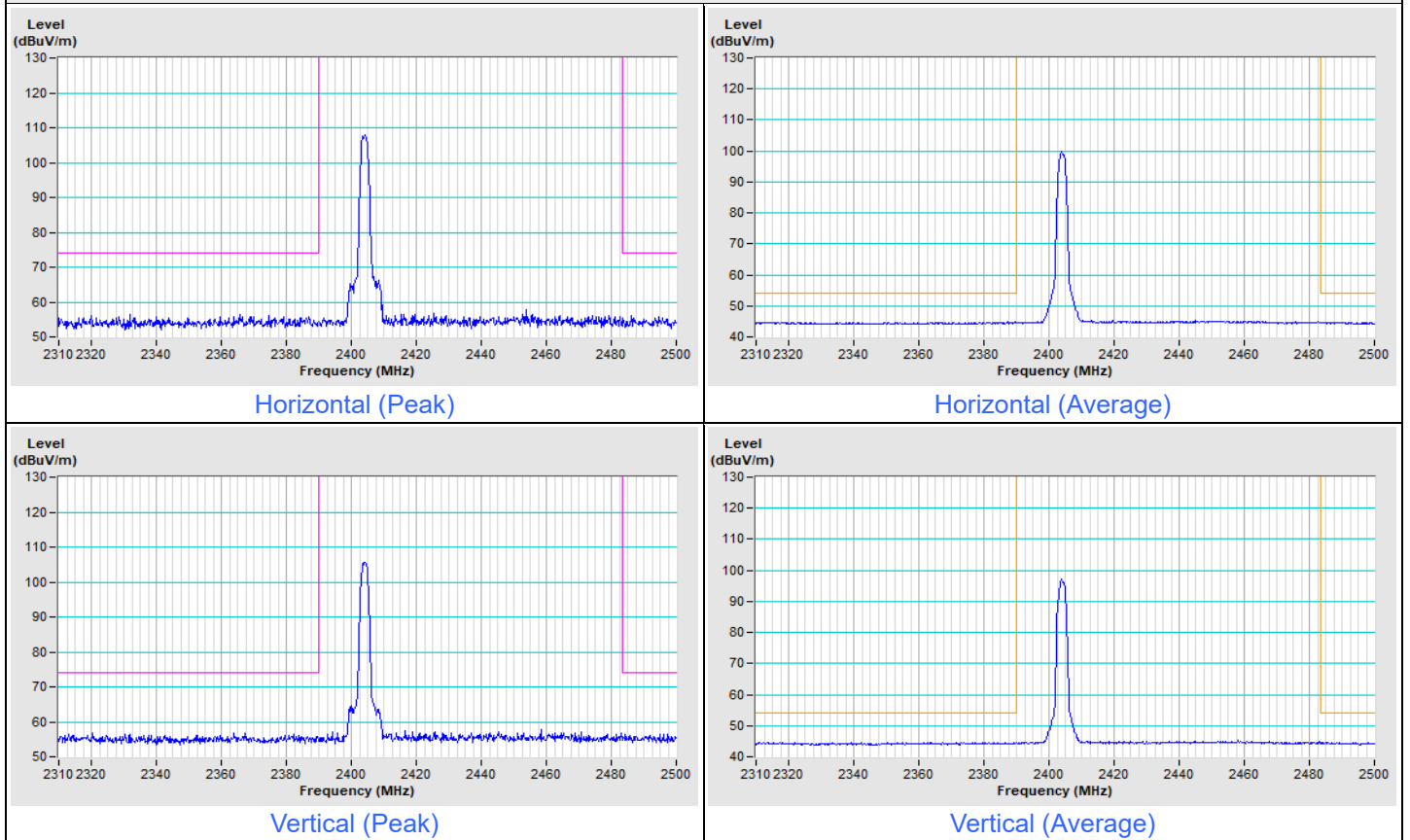
Vertical (Peak)



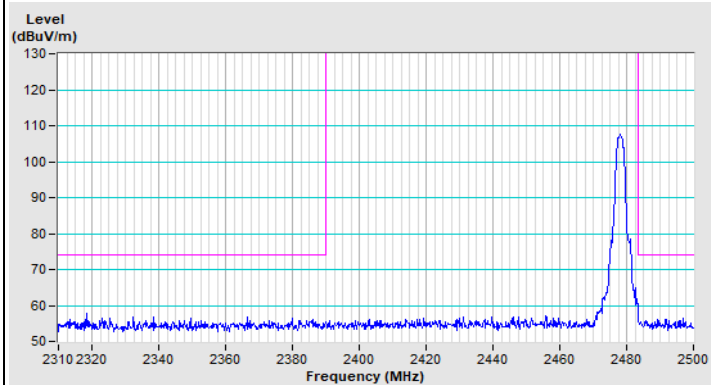
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

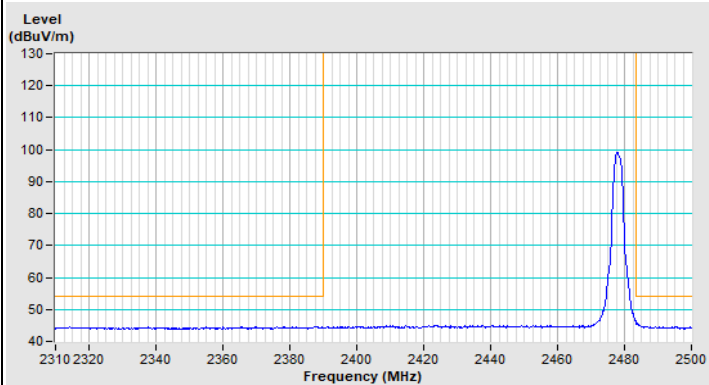
BT LE-HDT7.5 Channel 1



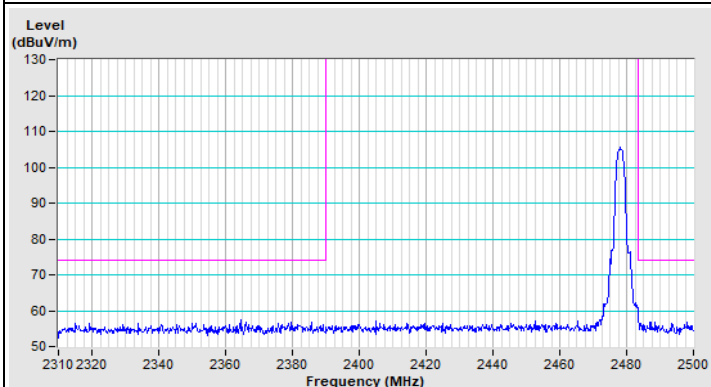
BT LE-HDT7.5 Channel 38



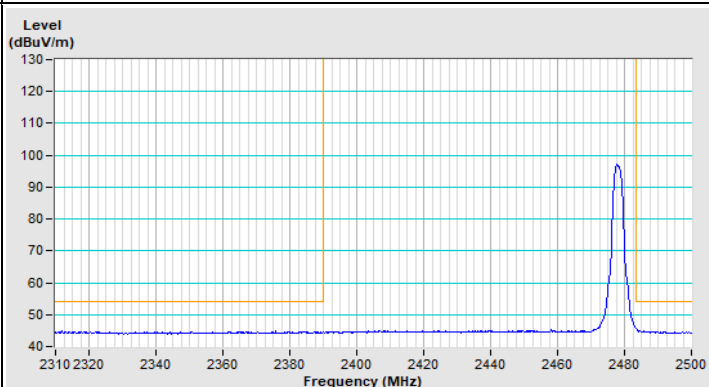
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

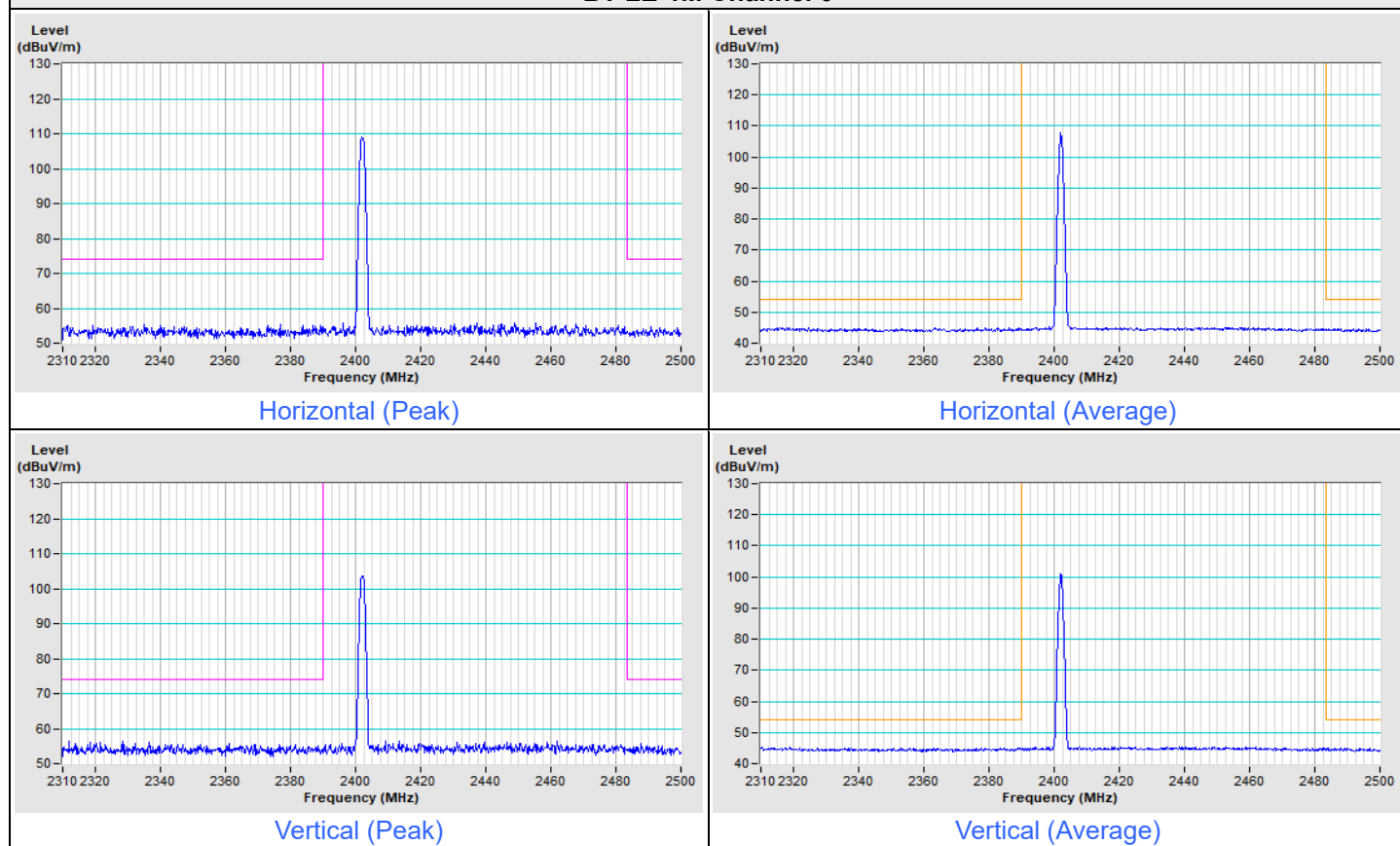


Vertical (Average)

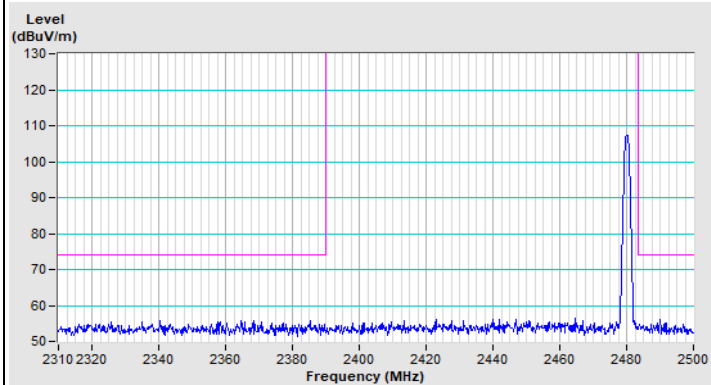
2Tx

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

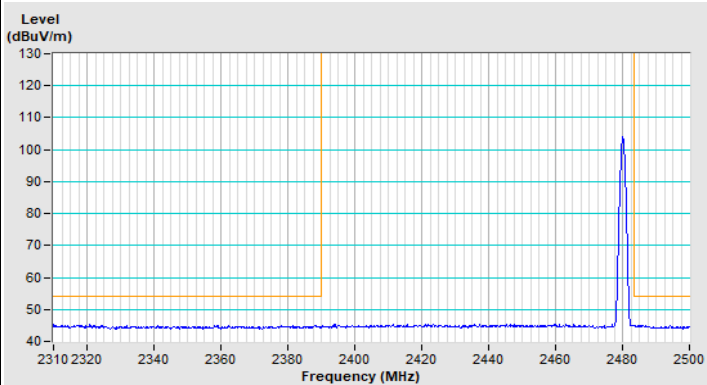
BT LE-1M Channel 0



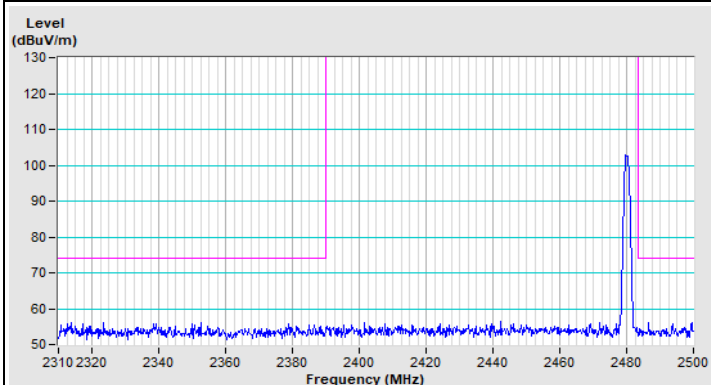
BT LE-1M Channel 39



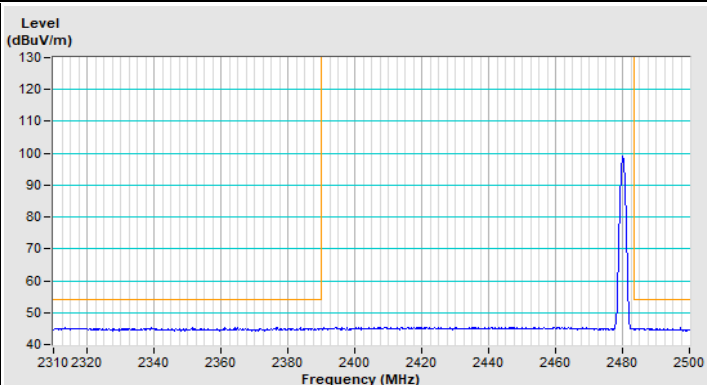
Horizontal (Peak)



Horizontal (Average)



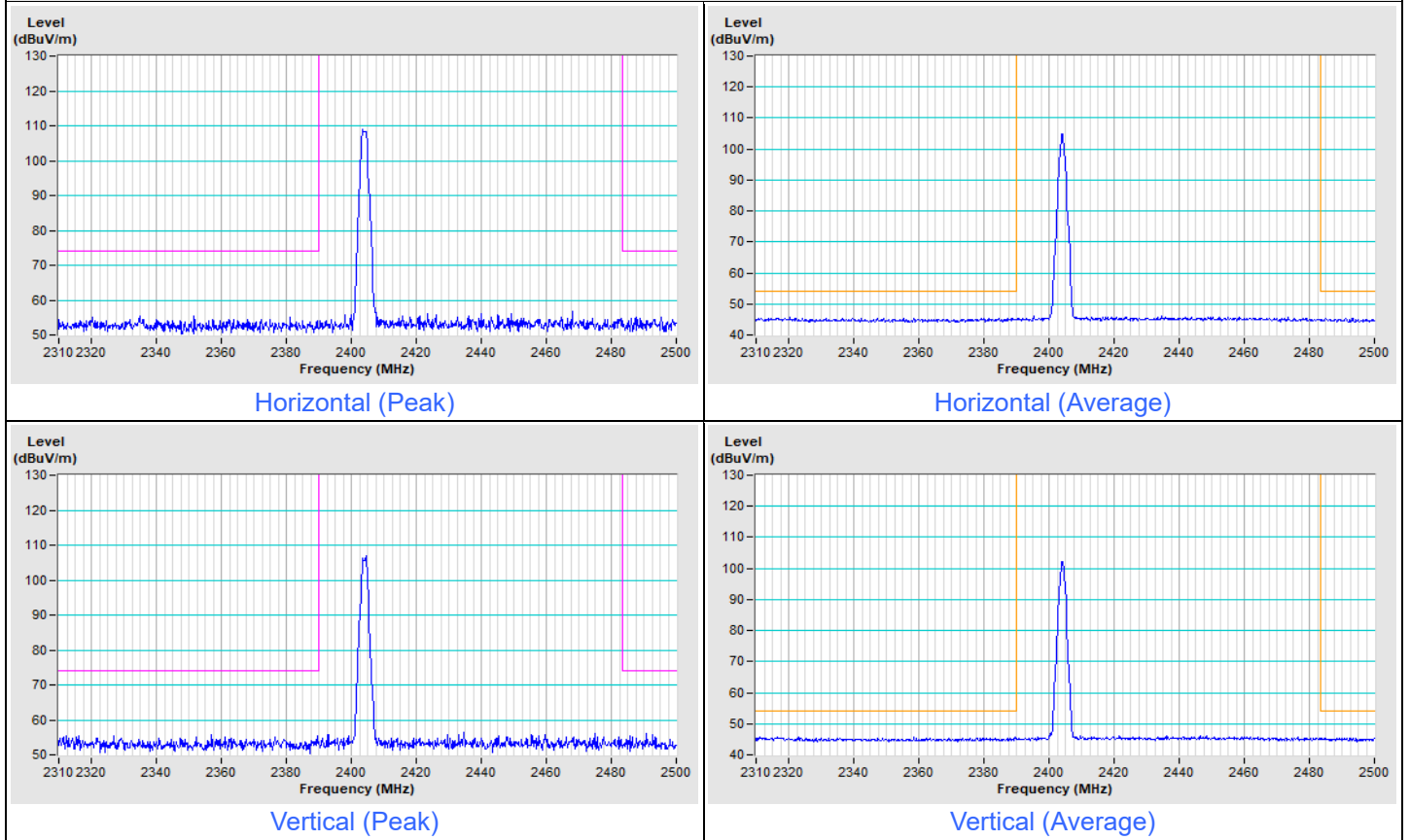
Vertical (Peak)



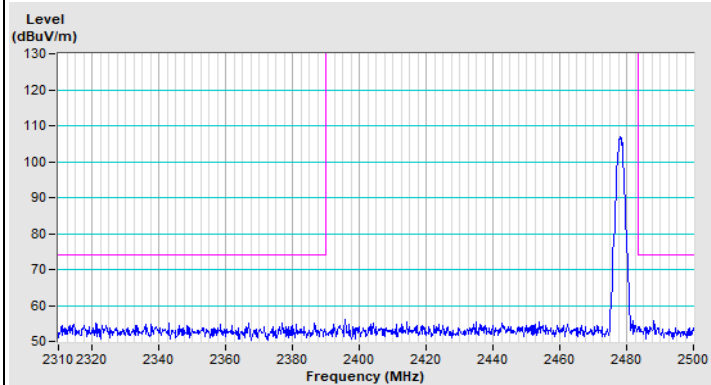
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

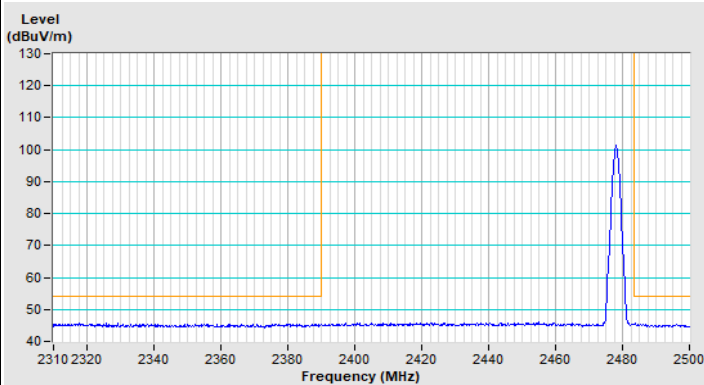
BT LE-2M Channel 1



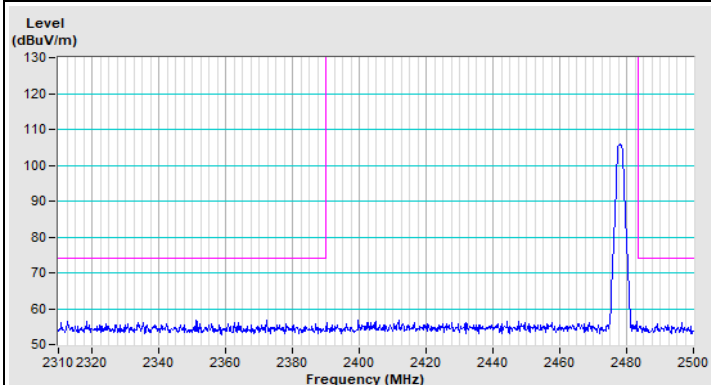
BT LE-2M Channel 38



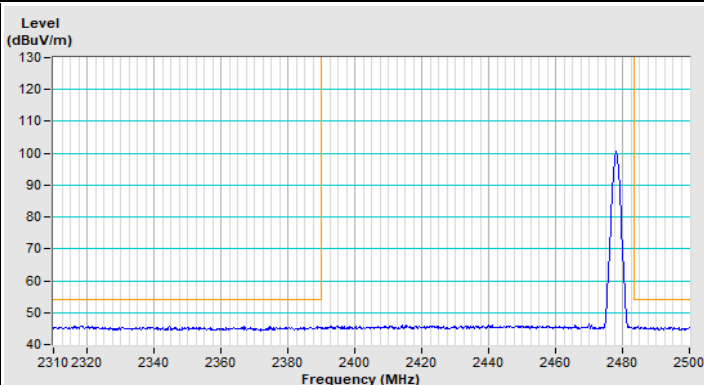
Horizontal (Peak)



Horizontal (Average)



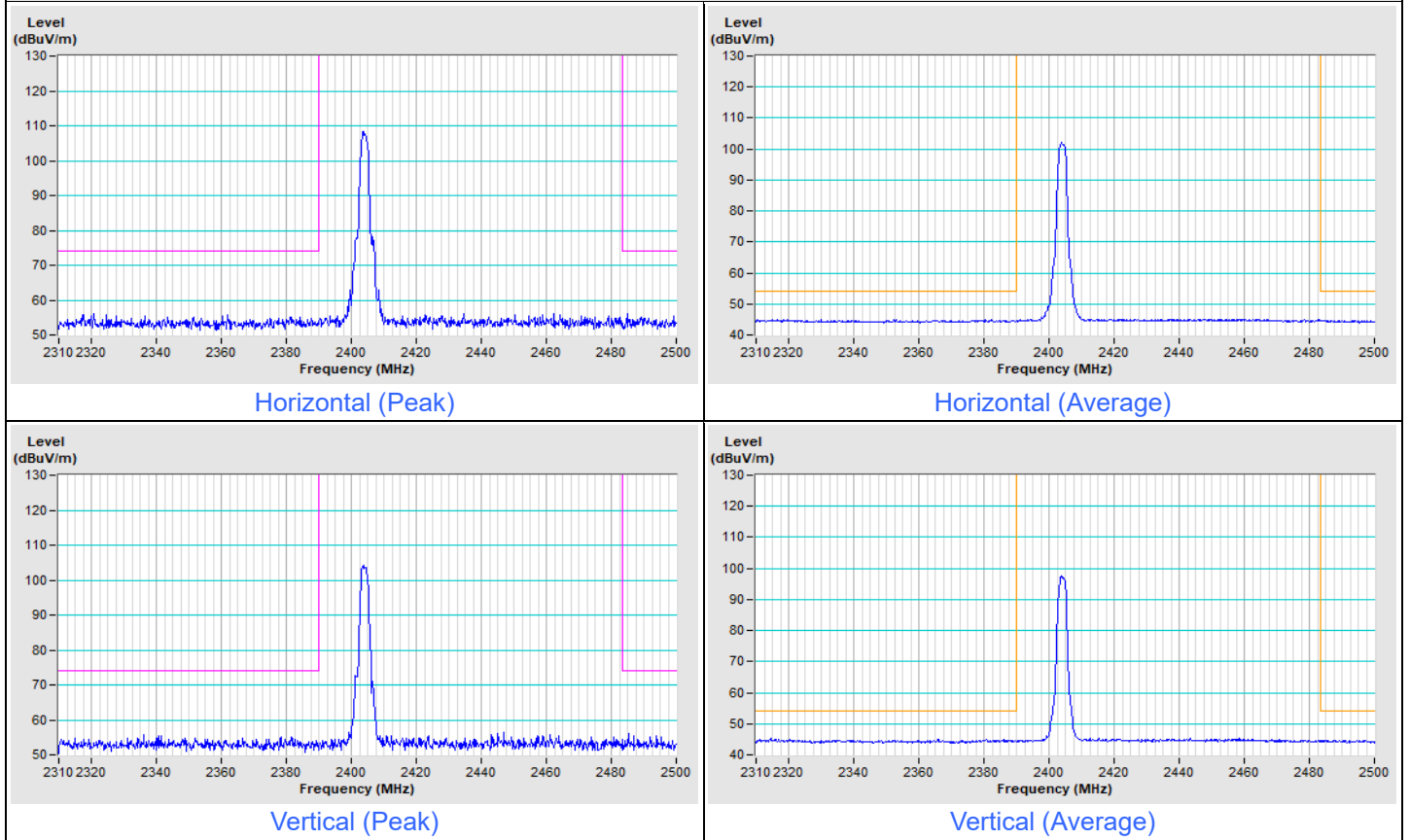
Vertical (Peak)



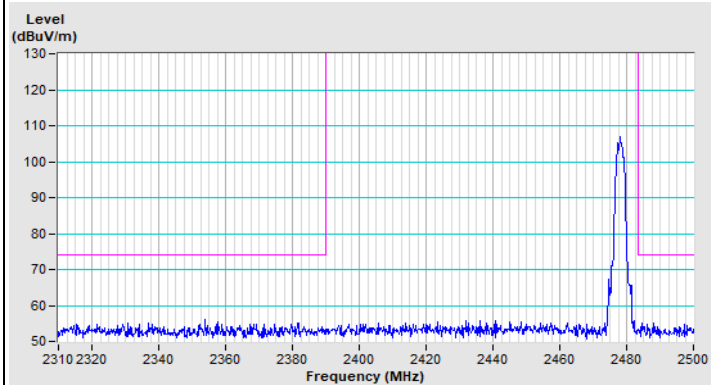
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

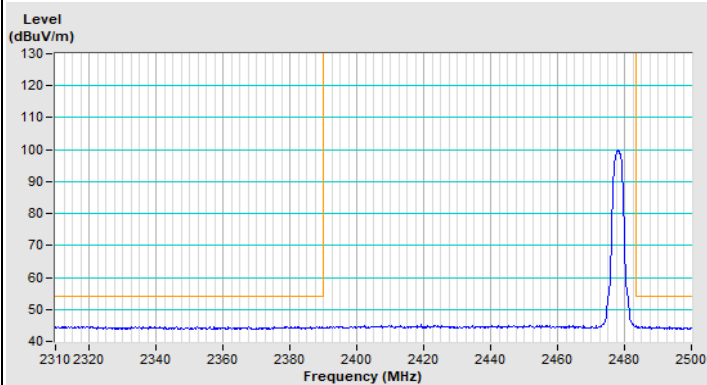
BT LE-HDT7.5 Channel 1



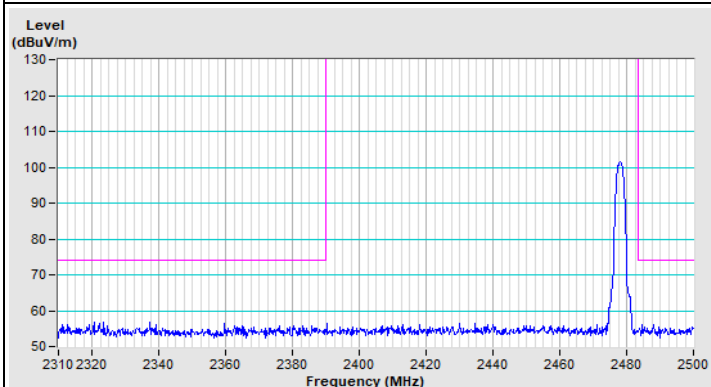
BT LE-HDT7.5 Channel 38



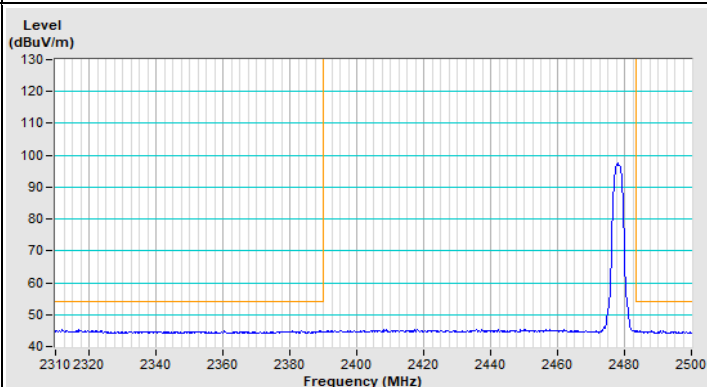
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

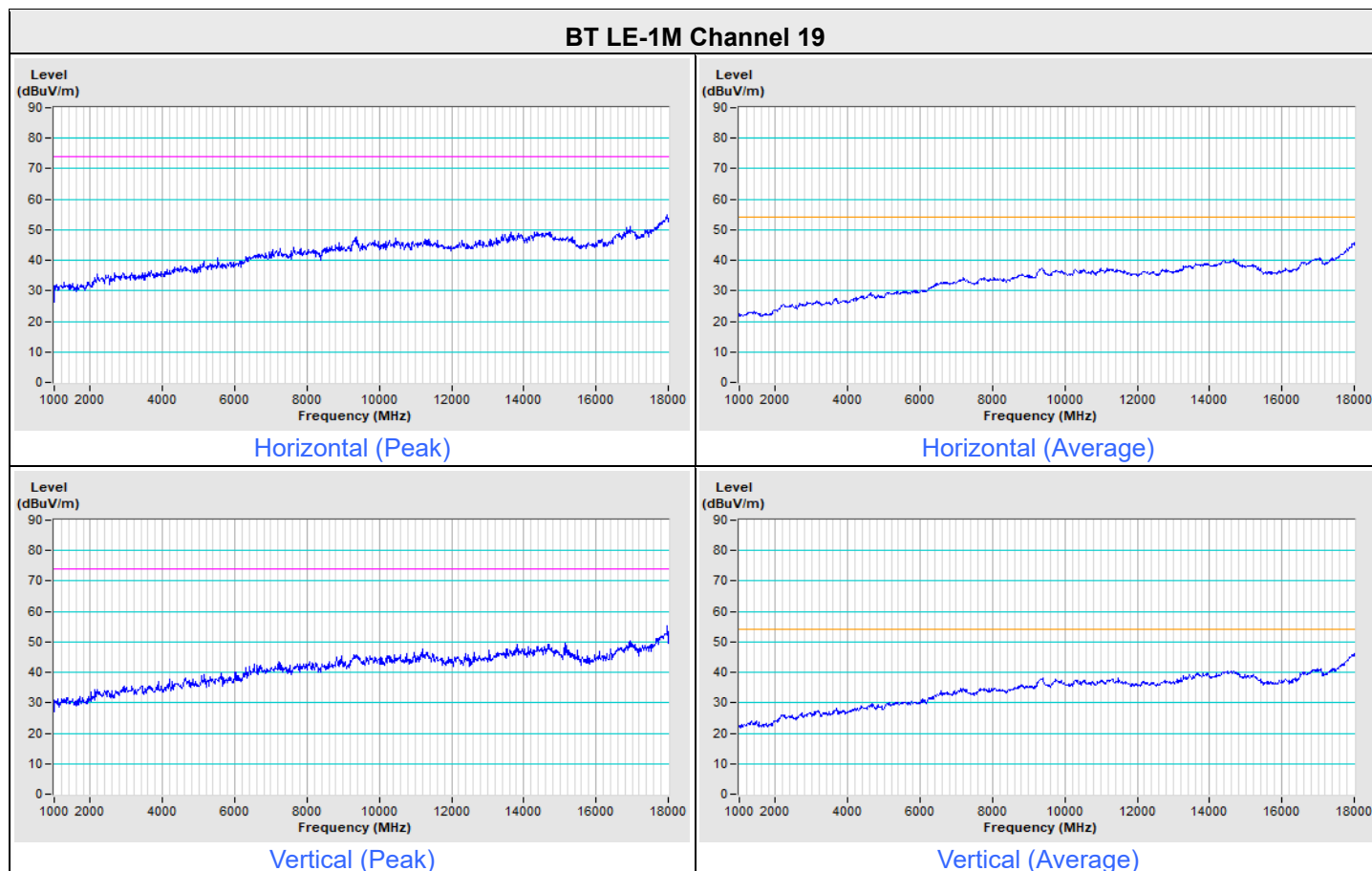


Vertical (Average)

Plot of Other Emission

1Tx

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
-----------------	----------------	-------------------------------	---

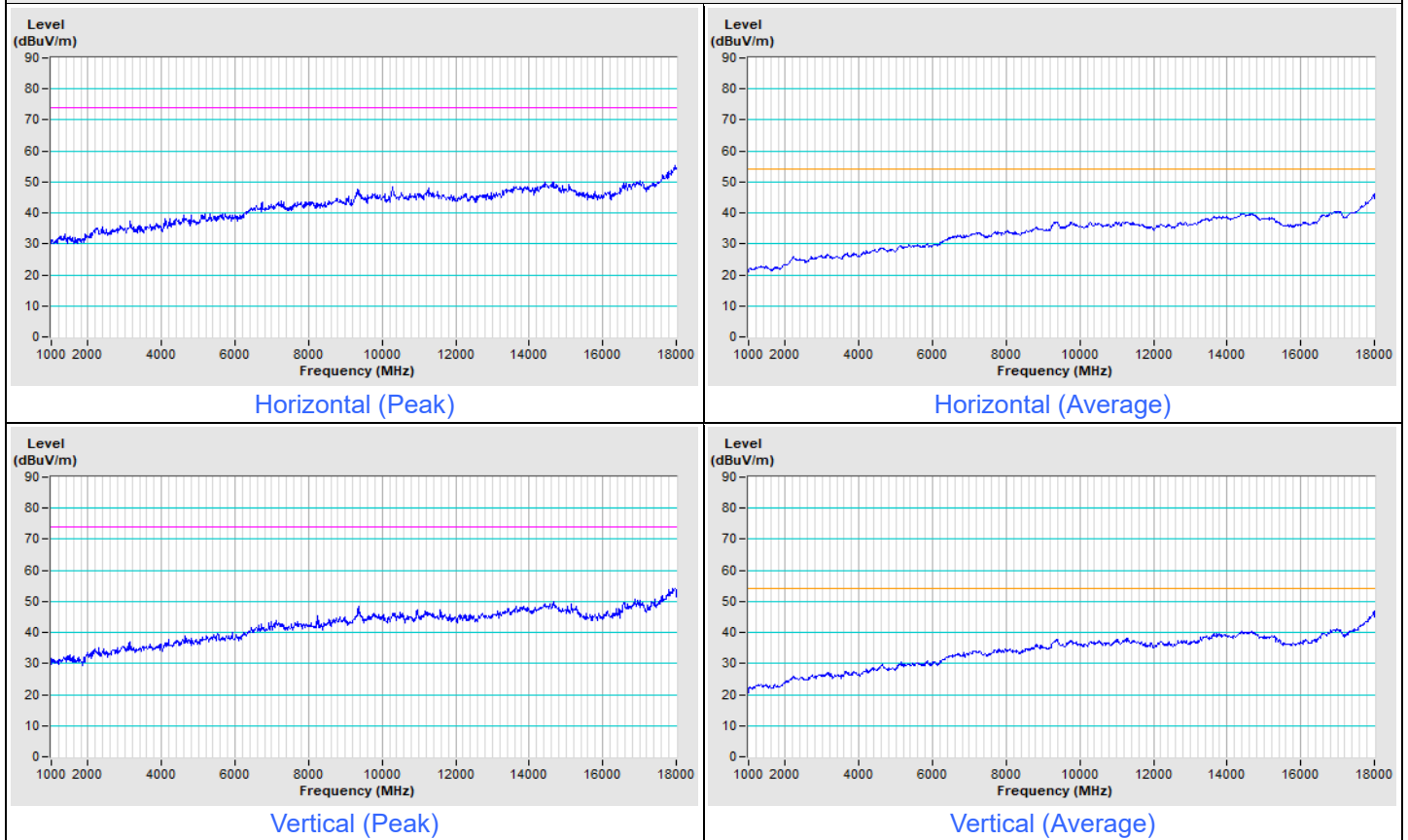


Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
-----------------	----------------	-------------------------------	---

BT LE-2M Channel 19



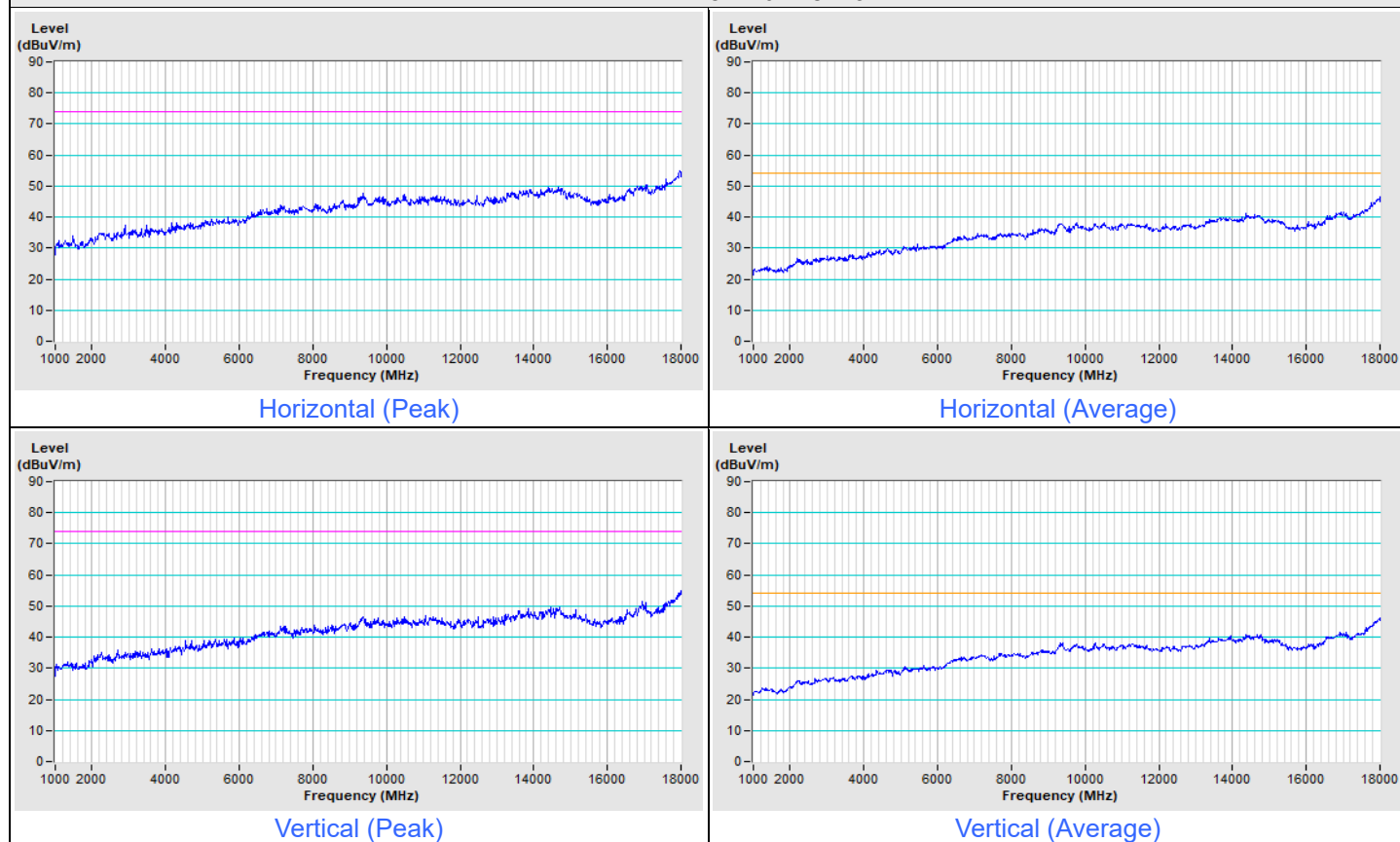
Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

2Tx

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
-----------------	----------------	-------------------------------	---

BT LE-HDT7.5 Channel 19



Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

--- END ---