

低功率射頻器材技術規範測試報告 (BT-LE)

報告編號:

RT200814E08-2

申請者

聯發科技股份有限公司

產品名稱

2TX 11ax (WiFi6E) + BT/BLE Combo Card

型號

MT7921K

製造廠商

聯發科技股份有限公司

商標或廠牌

MediaTek

該產品樣品試驗

國家通訊傳播委員會低功率射頻器材技術規範

依據之試驗標準

109 年 7 月 1 日訂定

試驗結果

合格

香港商立德國際商品試驗有限公司桃園分公司新竹實驗室

日期 109 年 10 月 15 日

報告簽署人簽章:

陳瓊美



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報告發行紀錄

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RT200814E08-2	Original release.	109 年 10 月 15 日

證 明 書

產 品 名 稱：2TX 11ax (WiFi6E) + BT/BLE Combo Card
商 標：MediaTek
型 號：MT7921K
申 請 者：聯發科技股份有限公司
量 測 規 範：低功率射頻器材技術規範 LP0002 (訂定日期：109 年 7 月 1 日)
ANSI C63.10-2013

香港商立德國際商品試驗有限公司桃園分公司在此證明上述待測設備樣品 (型號：MT7921K)，收件日期 109 年 08 月 14 日，於 109 年 09 月 12 日至 25 日，已在本公司的標準測試場地完成量測。報告中所描述之測試結果和待測設備的架構組合，均根據樣品實際的量測情況作詳實的記錄。

立德桃園分公司依“低功率射頻器材技術規範”及“電信管制射頻器材審驗管理辦法”製作測試結果報告。

特 此 證 明 ！

報告製作者： 卓 苡 辰 ， 日 期： 109 年 10 月 15 日
卓 苡 辰 / 專員

審 核 者： 陳 瓊 美 ， 日 期： 109 年 10 月 15 日
陳 瓊 美 / 經理

香港商立德國際商品試驗有限公司桃園分公司

實驗室地址：300 新竹市科學工業園區力行一路 1 號 E-2

此份報告不得摘錄複製，除全份複製外，需經實驗室書面同意。



1 低功率射頻器材量測記錄表

申請廠商：聯發科技股份有限公司

製造廠商：聯發科技股份有限公司

申請廠商地址：新竹科學園區篤行一路 1 號

廠牌：MediaTek

產品名稱：2TX 11ax (WiFi6E) + BT/BLE Combo Card

型號：MT7921K

量測單位名稱：香港商立德國際商品試驗有限公司桃園分公司 新竹實驗室

量測單位地址：300 新竹市科學工業園區力行一路 1 號 E-2

量測單位認可編號：TAF 2022

量測規範：低功率射頻器材技術規範 LP0002(訂定日期：109 年 7 月 1 日)
ANSI C63.10-2013

Bluetooth LE 頻段概要

項次	量測項目	規 範	量測結果判定
1	帶外發射	低功率射頻器材技術規範 4.10.1.5 節	合格
2	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	合格
3	6 dB 頻寬	低功率射頻器材技術規範 4.10.1.6 節	合格
4	峰值傳導輸出功率	低功率射頻器材技術規範 4.10.1.2 節	合格
5	功率頻譜密度	低功率射頻器材技術規範 4.10.1.6 節	合格

最大暴露允許值(Maximum Permissible Exposure, MPE)

項次	量測項目	規 範	量測結果判定
1	電波暴露量	低功率射頻器材技術規範 6.20.2 節	合格 (註)

註：電波暴露量值，請參照BV編號：RT200814E08。

備註：量測結果之判定不考慮量測不確定度的貢獻

2 一般敘述

2.1 待測設備 (BT-LE)

產品名稱：	2TX 11ax (WiFi6E) + BT/BLE Combo Card
型號：	MT7921K
額定電源：	DC 3.3V from host equipment
調變方式：	GFSK
調變技術：	DTS
傳輸速率：	Up to 2 Mbps
載波頻率：	2.402 ~ 2.480 GHz
頻道數：	40
發射功率：	BT-LE 1M: 12.07 dBm BT-LE 2M: 12.12 dBm
天線種類：	見註
電源線類別：	見註
配件：	NA

註：

1. 此待測設備同時具有 Bluetooth 及 WLAN 技術。
2. 同時發射條件如下：

Condition	Technology	
1	WLAN (2.4GHz)	Bluetooth
2	WLAN (5GHz)	Bluetooth

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

3. 此待測設備搭配測試的天線，其資料如下：

Ant. Set	RF Chain No.	Brand	Model	Ant. Net Gain (dBi)	Freq. Range (GHz)	Ant. Type	Connector Type	Cable Length (mm)	Cable Loss (dB)	Excluding Cable Loss Ant. Gain (dBi)
1	Chain0	Cortec	AN2450-4902B RS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5 5.15~5.85GHz : 0.8	2.92 4.67
	Chain1	Cortec	AN2450-4902B RS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5 5.15~5.85GHz : 0.8	2.92 4.67
2	Chain0	PSA	RFMTA340718 EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included cable loss	-
	Chain1	PSA	RFMTA340718 EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included cable loss	-

Note:

1. Max. gain was selected for the final test, except for the radiated emissions test.
2. 上述天線的規格資訊由申請者聲明，實驗室不承擔任何責任。

*上述天線的規格資訊由申請者聲明，實驗室不承擔任何責任。

4. 此報告中，場強輻射量測經過評估後以下列測試模式進行最終量測。

量測項目	發射	接收
1GHz 以上量測	BT-LE 1M: Ch 0, 19, 39 BT-LE 2M: Ch 1, 19, 38	Ch 19
其它不必要之訊號	BT-LE 1M: Ch 19	Ch 19

*電源線傳導干擾量測經過評估後，以 BT-LE 1M: Ch 19 測試模式進行最終量測。

5. 此待測設備的測試模式如下：

場強輻射	
測試模式	描述
一	EUT with PIFA Antenna
二	EUT with Dipole Antenna
其它測試項目	
測試模式	描述
一	EUT with PIFA Antenna

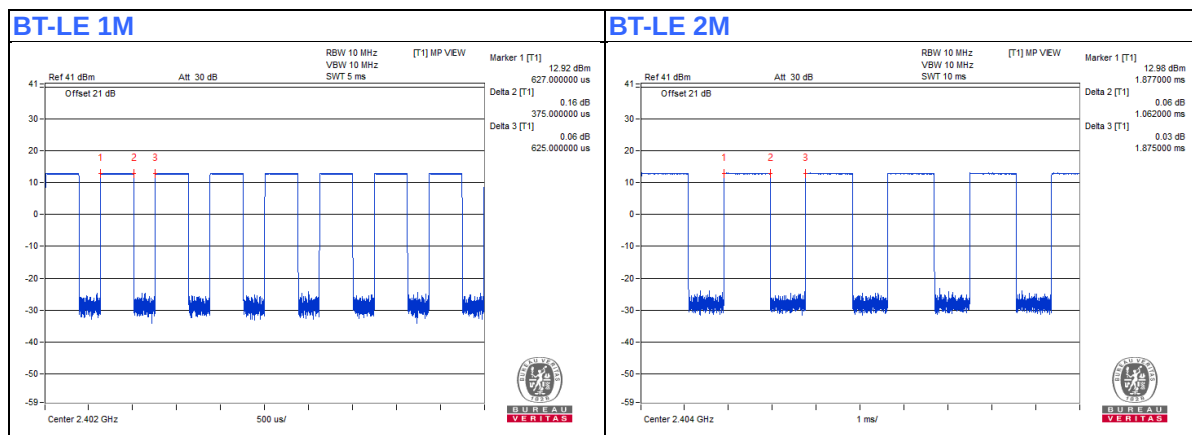
6. 此待測設備之 PIFA 天線於場強輻射量測經評估三個正交軸方位評估測試擺設方式：平躺、直立、側放，其中以側放擁有最大干擾值，故以上述擺放方式進行最終量測，並將測試結果紀錄。

7. Duty cycle of test signal

Duty cycle of test signal is < 98 %, duty factor shall be considered.

BT-LE 1M: Duty cycle = 0.375 ms/0.625 ms = 0.6, Duty factor = $10 * \log(1/\text{Duty cycle}) = 2.22 \text{ dB}$

BT-LE 2M: Duty cycle = 1.062ms/1.875 ms = 0.566, Duty factor = $10 * \log(1/\text{Duty cycle}) = 2.47 \text{ dB}$



此裝置各頻道的中心頻率如下：

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

詳細之規格請參考使用說明書，產品的照片請參照 BV 編號: 200814E08-3。

2.2 輔助測試之週邊設備描述

待測設備於受測時均接上其所屬的配件或一般用途之相關設備；下列輔助設備或配件測試中所使用的配備，以形成一個代表待測物實際運作的受測系統。

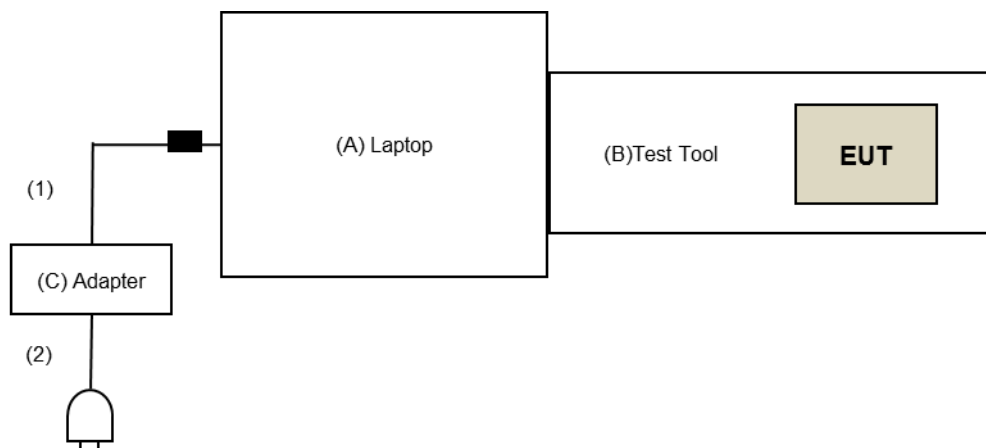
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6440	H7LYQ32	FCC DoC	Provided by Lab
B.	Test Tool	MTK	NA	NA	NA	Supplied by client
C.	Adapter	Dell	FA65NE0-00	NA	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.6	No	1	Provided by Lab (Brand:DELL,Mode:FA65NE0-00)
2.	AC Cable	1	1	No	0	Provided by Lab (Brand:Longwell,Mode:LS-7C)

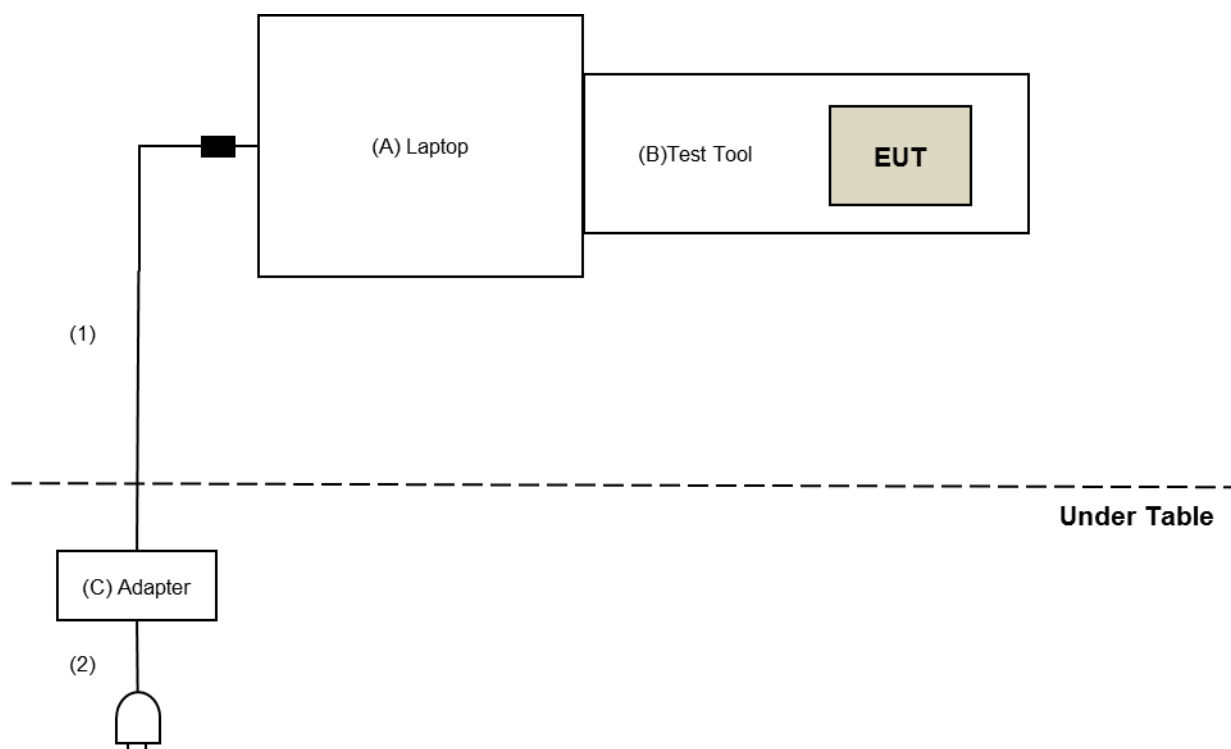
NOTE: 本案經申請者切結器材不提供隨貨配件，測試時依申請者(或實驗室)提供的非隨貨配件併同檢驗。

2.3 測試架構圖

For Conducted Emissions test:



For Radiated Emissions test:



3 適用規範

3.1 規範要求和參考

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻器材技術規範之 3.3 節，電源傳導干擾之限制要求如下：

頻率(MHz)	傳導限制值 (dBuV)	
	準峰值(Quasi-peak)	平均值(Average)
0.15-0.5	66-56(註)	56-46(註)
0.5-5	56	46
5-30	60	50

(註)：隨頻率之對數遞減。

(2) 帶外發射之規定

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.5 節之要求，操作頻帶範圍外之任意 100 kHz 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 kHz 內的射頻功率，其衰減值限制如下：(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減 20 dB，可使用射頻傳導或輻射方式測量。(2) 輸出功率以 4.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減 30 dB。此外，落於 3.5 禁用頻段之輻射發射，應符合 3.6 之規定。

頻率(MHz)	電場強度(微伏特/公尺, uV/m)	測距(公尺)
$0.009 \leq f \leq 0.490$	$2,400/f(\text{kHz})$	300
$0.490 < f \leq 1.705$	$24,000/f(\text{kHz})$	30
$1.705 < f < 30$	30	30
$30 \leq f \leq 88$	100	3
$88 < f \leq 216$	150	3
$216 < f \leq 960$	200	3
$960 < f$	500	3

(3) 天線之規定

天線規格不受第 3.2 節規定之限制。

(4) 天線增益之要求

低功率發射機，依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.3 節之規定如下：

- (A) 進行固定式點對點操作時，其發射天線之方向性增益超過 6 dBi，每超過 3 dBi，最大傳導輸出功率限制值應降低 1 dB。
- (B) 天線以多向波束發射方式(含同時發射或循序發射)將訊號導向多個接收機或接收機群組時，應符合下列規定：
 - (a) 非同時發射多向波束者，所有載波或頻道傳輸至所有天線陣列或陣列群之總和傳導輸出功率應符合 4.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過 6 dBi，每超過 3 dBi，總和傳導輸出功率限制值應降低 1 dB。方向性增益值應計算如下：
 - (i) 方向性增益值 = $10\log(\text{天線陣列之單元數目}) + \text{各單元中最高之方向性增益值}$ 。
 - (ii) 天線陣列間之遮蔽效應或波束干涉損失能充分佐證時，方向性增益得低於(i)計算數值。
 - (b) 同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a)總和傳導輸出功率限制值加 8 dB。方向性增益值計算同(a)。
 - (c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

除(A)及(B)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率限制值。

(5) 6dB 頻寬之要求

對使用數位調變技術(digital modulation techniques)系統之低功率發射機，依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.6 節之規定，6dB 頻寬至少應有 500kHz。

(6) 峰值輸出功率之要求

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.2 節之規定：
數位調變技術系統：1 W(含)以下。

(7) 功率頻譜密度之要求

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.6 節之規定，在使用頻率範圍之任一 3 kHz 頻寬內，由發射機傳導至天線之功率頻譜密度在任意傳輸期間內，皆小於或等於 8 毫分貝(dBm)，且應依 4.10.1.3 之方式降低功率頻譜密度限制值。

(8) 電波暴露量之評估

依據國家通訊傳播委員會低功率射頻器材技術規範 6.20.2 節之規定，若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。

限制值如下：

(1) 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3 - 3.0	614	1.63	*100	6
3 - 30	1842/f	4.89/f	*900/f ²	6
30 - 300	61.4	0.163	1.0	6
300 - 1,500	---	---	f/300	6
1,500 - 100,000	---	---	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

(2) 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3 - 3.0	614	1.63	*100	30
3 - 30	1842/f	4.89/f	*180/f ²	30
30 - 300	27.5	0.073	1.0	30
300 - 1,500	---	---	f/1500	30
1,500 - 100,000	---	---	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

參考國際標準指南

KDB 558074

3.2 限制使用之頻帶

除本規範另有規定外，任何低功率射頻器材之主波皆不得使用下表所列各頻段之頻率；低功率射頻器材落於下表所列頻段之混附發射，其電場強度必須符合 3.6 之限制規定。

頻率(兆赫)	頻率(兆赫)	頻率(兆赫)
0.090~0.110	240.00~285.00	3332.0~3339.0
0.490~0.510	322.00~335.40	3345.8~3358.0
2.172~2.198	399.90~410.00	3500.0~4400.0
3.013~3.033	485.00~510.00	4500.0~5250.0
4.115~4.198	608.00~614.00	5350.0~5460.0
5.670~5.690	703.00~748.00	7250.0~7750.0
6.200~6.300	758.00~803.00	8025.0~8500.0
8.230~8.400	825.00~915.00	9000.0~9200.0
12.265~12.600	930.00~1240.0	9300.0~9500.0
13.340~13.430	1300.0~1427.0	10600~12700
14.965~15.020	1435.0~1626.5	13250~13400
16.700~16.755	1660.0~1785.0	14470~14500
19.965~20.020	1805.0~1880.0	15350~16200
25.500~25.700	1885.0~1900.0	17700~21400
37.475~38.275	1905.0~1985.0	22010~23120
73.500~75.400	2010.0~2025.0	23600~24000
108.00~138.00	2110.0~2170.0	31200~31800
149.90~150.05	2200.0~2300.0	36430~36500
156.70~156.90	2310.0~2390.0	38600 以上
162.01~167.17	2483.5~2900.0	
167.72~173.20	3260.0~3267.0	

4 帶外發射之量測

4.1 適用標準

請見本報告 3.1 節第(2)項的規定。

4.2 量測方法

在電波暗室，將待測物置於 0.8 米高的非金屬桌面，使其操作在工作狀態。接收天線置於 3 米距離。桌面要 360 度旋轉，另外接收天線從離地 1 米至 4 米升降變化，以找出最大的輻射電場強度，接收天線分別置於水平、垂直極化各執行測試一次。

備註：對於 1GHz 以上場強輻射的測試，待測物則置於 1.5 米高的非金屬桌面

4.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 06, 2020	July 05, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	NA	LOOPCAB-001	Jan. 08, 2020	Jan. 07, 2021
RF Cable	NA	LOOPCAB-002	Jan. 08, 2020	Jan. 07, 2021
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-05	Apr. 28, 2020	Apr. 27, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 11, 2019	Nov. 10, 2020
RF Cable	8D	966-3-1	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-2	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-3	Mar. 17, 2020	Mar. 16, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 26, 2019	Sep. 25, 2020
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 24, 2019	Nov. 23, 2020
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-1200	160922	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-2000	180601	June 09, 2020	June 08, 2021
RF Cable	EMC104-SM-SM-6000	180602	June 09, 2020	June 08, 2021
Spectrum Analyzer Keysight	N9030A	MY54490679	July 13, 2020	July 12, 2021
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 15, 2020	Jan. 14, 2021
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 24, 2019	Nov. 23, 2020
RF Cable	EMC102-KM-KM-1200	160924	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

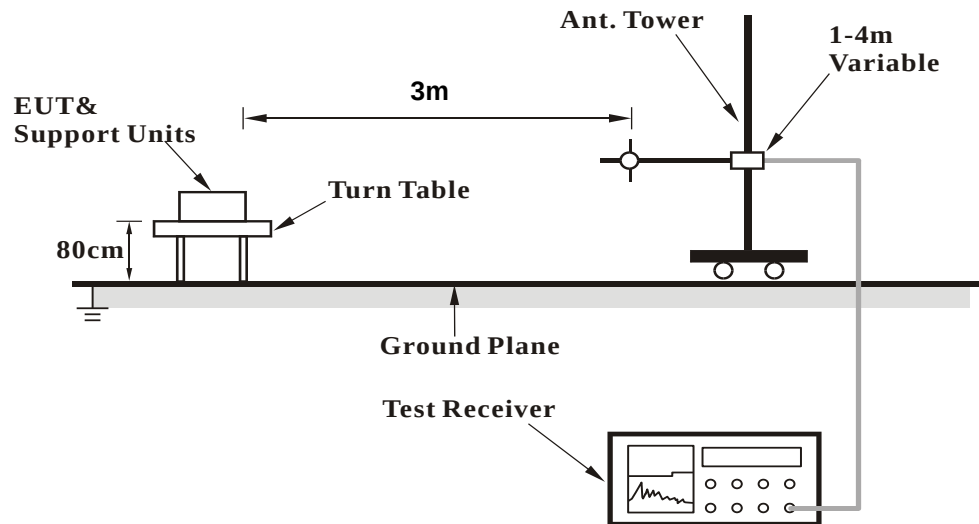
Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 3.
3. The following table is for the measurement uncertainty, which is calculated as per the document CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

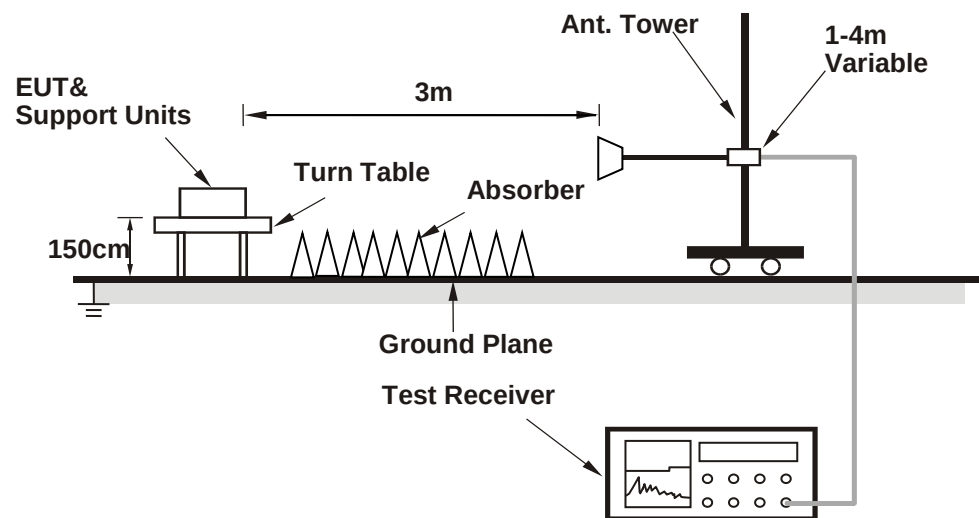
Measurement	Value
Radiated emissions (9kHz-30MHz)	3.1 dB
Radiated emissions (30MHz-1GHz)	5.4 dB
Radiated emissions (1GHz ~18GHz)	5.0 dB
Radiated emissions (18GHz ~40GHz)	5.3 dB

4.4 測試配置

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



4.5 場強度之計算

場強之計算公式如下：

結果值 Emission level (dBuV/m) = 機器讀值 Raw Value (dBuV) + 校正因子 Correction Factor (dB/m)

餘裕度 Margin(dB) = 結果值 Emission level (dBuV/m) - 限制值 Limit value (dBuV/m)

量測結果請見下頁。

4.6 量測結果 (模式一)

4.6.1 發射諧波

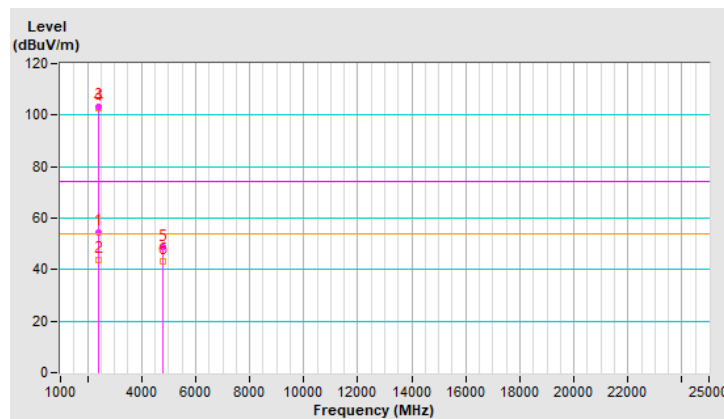
BT-LE 1M

操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 0：2402 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	54.6 PK	74.0	-19.4	1.46 H	348	56.5	-1.9
2	2390.00	43.9 AV	54.0	-10.1	1.46 H	348	45.8	-1.9
3	*2402.00	103.3 PK			1.46 H	348	105.2	-1.9
4	*2402.00	102.6 AV			1.46 H	348	104.5	-1.9
5	4804.00	48.6 PK	74.0	-25.4	1.15 H	121	45.7	2.9
6	4804.00	43.4 AV	54.0	-10.6	1.15 H	121	40.5	2.9
7	#7206.00	-	-	-	-	-	-	-
8	#9608.00	-	-	-	-	-	-	-
9	12010.00	-	-	-	-	-	-	-
10	#14412.00	-	-	-	-	-	-	-
11	#16814.00	-	-	-	-	-	-	-
12	19216.00	-	-	-	-	-	-	-
13	#21618.00	-	-	-	-	-	-	-
14	#24020.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

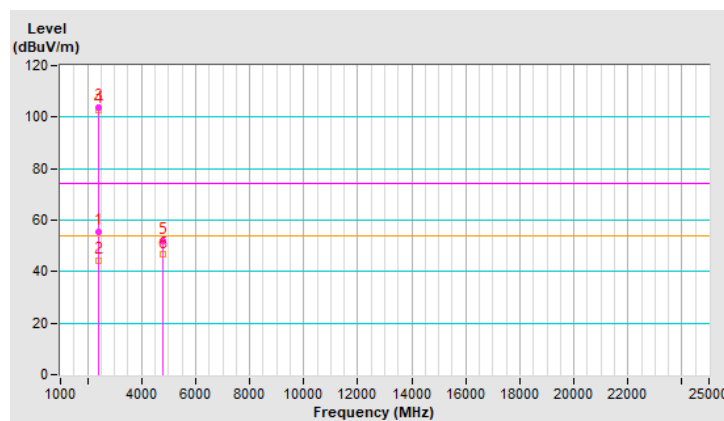


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 0：2402 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	55.5 PK	74.0	-18.5	1.25 V	8	57.4	-1.9
2	2390.00	44.1 AV	54.0	-9.9	1.25 V	8	46.0	-1.9
3	*2402.00	103.9 PK			1.25 V	8	105.8	-1.9
4	*2402.00	102.9 AV			1.25 V	8	104.8	-1.9
5	4804.00	51.9 PK	74.0	-22.1	3.92 V	31	49.0	2.9
6	4804.00	46.6 AV	54.0	-7.4	3.92 V	31	43.7	2.9
7	#7206.00	-	-	-	-	-	-	-
8	#9608.00	-	-	-	-	-	-	-
9	12010.00	-	-	-	-	-	-	-
10	#14412.00	-	-	-	-	-	-	-
11	#16814.00	-	-	-	-	-	-	-
12	19216.00	-	-	-	-	-	-	-
13	#21618.00	-	-	-	-	-	-	-
14	#24020.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

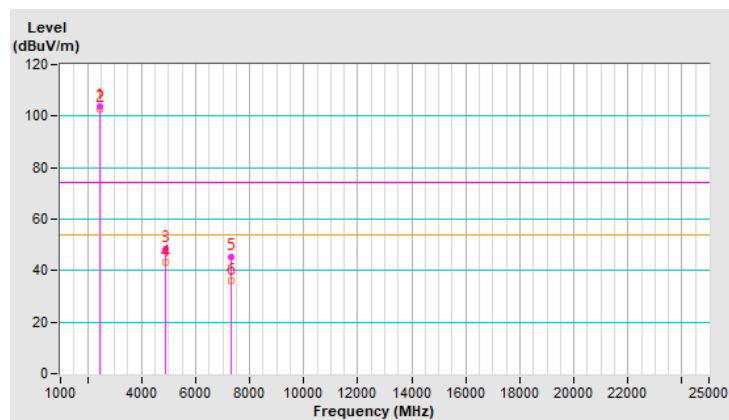


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	103.7 PK			1.48 H	338	105.7	-2.0
2	*2440.00	102.7 AV			1.48 H	338	104.7	-2.0
3	4880.00	48.4 PK	74.0	-25.6	1.20 H	109	45.6	2.8
4	4880.00	43.0 AV	54.0	-11.0	1.20 H	109	40.2	2.8
5	7320.00	45.3 PK	74.0	-28.7	1.02 H	85	36.4	8.9
6	7320.00	35.9 AV	54.0	-18.1	1.02 H	85	27.0	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

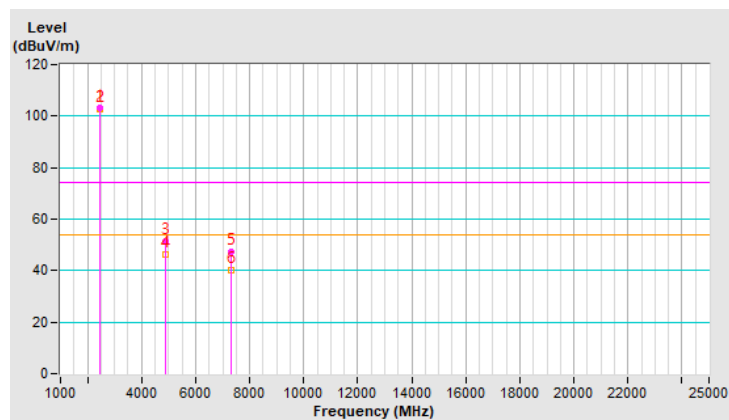


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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			1.17 V	1	105.4	-2.0
2	*2440.00	102.6 AV			1.17 V	1	104.6	-2.0
3	4880.00	51.4 PK	74.0	-22.6	3.97 V	25	48.6	2.8
4	4880.00	46.3 AV	54.0	-7.7	3.97 V	25	43.5	2.8
5	7320.00	47.5 PK	74.0	-26.5	1.54 V	156	38.6	8.9
6	7320.00	40.3 AV	54.0	-13.7	1.54 V	156	31.4	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

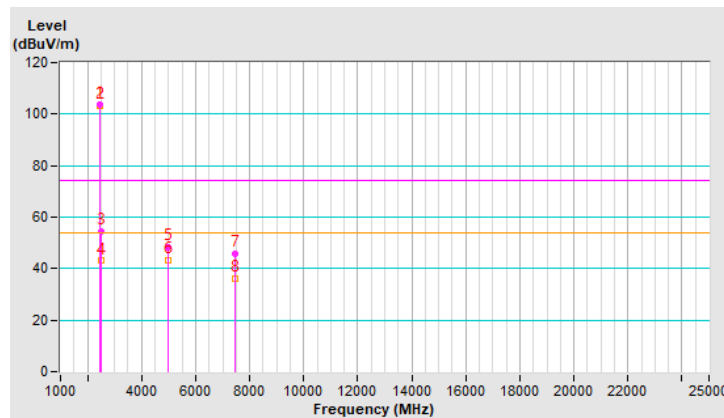


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 39：2480 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	103.9 PK			1.50 H	347	105.8	-1.9
2	*2480.00	103.1 AV			1.50 H	347	105.0	-1.9
3	2483.50	54.3 PK	74.0	-19.7	1.50 H	347	56.2	-1.9
4	2483.50	43.0 AV	54.0	-11.0	1.50 H	347	44.9	-1.9
5	4960.00	48.3 PK	74.0	-25.7	1.14 H	111	45.5	2.8
6	4960.00	43.1 AV	54.0	-10.9	1.14 H	111	40.3	2.8
7	7440.00	45.7 PK	74.0	-28.3	1.07 H	79	36.7	9.0
8	7440.00	36.1 AV	54.0	-17.9	1.07 H	79	27.1	9.0
9	#9920.00	-	-	-	-	-	-	-
10	12400.00	-	-	-	-	-	-	-
11	#14880.00	-	-	-	-	-	-	-
12	#17360.00	-	-	-	-	-	-	-
13	19840.00	-	-	-	-	-	-	-
14	22320.00	-	-	-	-	-	-	-
15	#24800.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

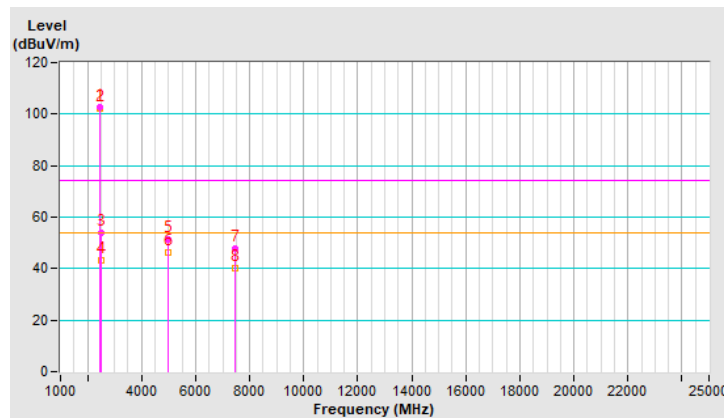


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 39：2480 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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			1.20 V	4	104.7	-1.9
2	*2480.00	102.1 AV			1.20 V	4	104.0	-1.9
3	2483.50	54.1 PK	74.0	-19.9	1.20 V	4	56.0	-1.9
4	2483.50	43.3 AV	54.0	-10.7	1.20 V	4	45.2	-1.9
5	4960.00	51.2 PK	74.0	-22.8	3.99 V	38	48.4	2.8
6	4960.00	46.3 AV	54.0	-7.7	3.99 V	38	43.5	2.8
7	7440.00	47.8 PK	74.0	-26.2	1.50 V	162	38.8	9.0
8	7440.00	40.3 AV	54.0	-13.7	1.50 V	162	31.3	9.0
9	#9920.00	-	-	-	-	-	-	-
10	12400.00	-	-	-	-	-	-	-
11	#14880.00	-	-	-	-	-	-	-
12	#17360.00	-	-	-	-	-	-	-
13	19840.00	-	-	-	-	-	-	-
14	22320.00	-	-	-	-	-	-	-
15	#24800.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



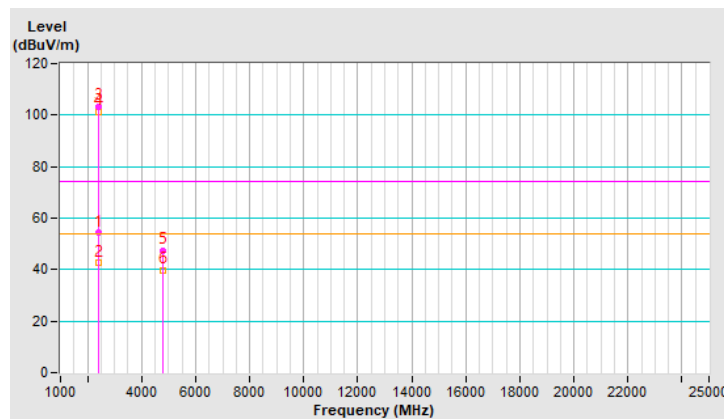
BT-LE 2M

操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 1：2404 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	54.2 PK	74.0	-19.8	1.52 H	347	56.1	-1.9
2	2390.00	42.5 AV	54.0	-11.5	1.52 H	347	44.4	-1.9
3	*2404.00	103.3 PK			1.52 H	347	105.2	-1.9
4	*2404.00	101.3 AV			1.52 H	347	103.2	-1.9
5	4808.00	47.2 PK	74.0	-26.8	1.00 H	100	44.3	2.9
6	4808.00	39.9 AV	54.0	-14.1	1.00 H	100	37.0	2.9
7	#7212.00	-	-	-	-	-	-	-
8	#9616.00	-	-	-	-	-	-	-
9	12020.00	-	-	-	-	-	-	-
10	#14424.00	-	-	-	-	-	-	-
11	#16828.00	-	-	-	-	-	-	-
12	19232.00	-	-	-	-	-	-	-
13	#21636.00	-	-	-	-	-	-	-
14	#24040.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

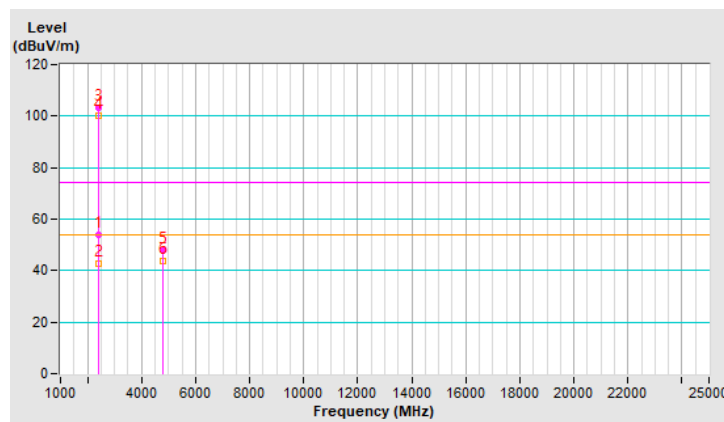


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 1：2404 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	53.9 PK	74.0	-20.1	1.02 V	8	55.8	-1.9
2	2390.00	42.9 AV	54.0	-11.1	1.02 V	8	44.8	-1.9
3	*2404.00	103.1 PK			1.02 V	8	105.0	-1.9
4	*2404.00	100.4 AV			1.02 V	8	102.3	-1.9
5	4808.00	47.9 PK	74.0	-26.1	4.00 V	36	45.0	2.9
6	4808.00	43.8 AV	54.0	-10.2	4.00 V	36	40.9	2.9
7	#7212.00	-	-	-	-	-	-	-
8	#9616.00	-	-	-	-	-	-	-
9	12020.00	-	-	-	-	-	-	-
10	#14424.00	-	-	-	-	-	-	-
11	#16828.00	-	-	-	-	-	-	-
12	19232.00	-	-	-	-	-	-	-
13	#21636.00	-	-	-	-	-	-	-
14	#24040.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

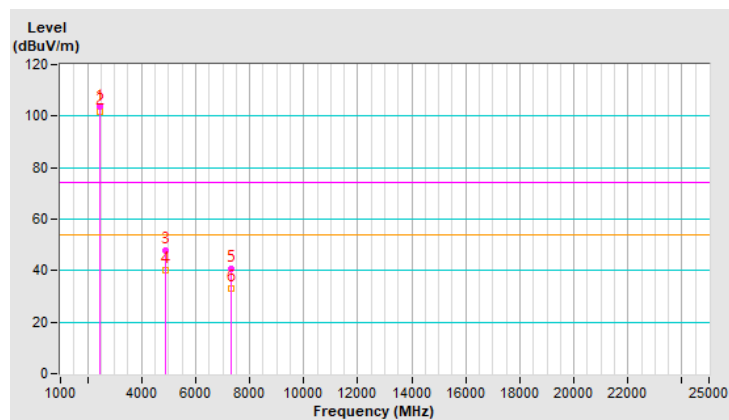


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	103.5 PK			1.47 H	354	105.5	-2.0
2	*2440.00	101.7 AV			1.47 H	354	103.7	-2.0
3	4880.00	47.7 PK	74.0	-26.3	1.02 H	104	44.9	2.8
4	4880.00	40.2 AV	54.0	-13.8	1.02 H	104	37.4	2.8
5	7320.00	40.7 PK	74.0	-33.3	1.19 H	72	31.8	8.9
6	7320.00	32.9 AV	54.0	-21.1	1.19 H	72	24.0	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

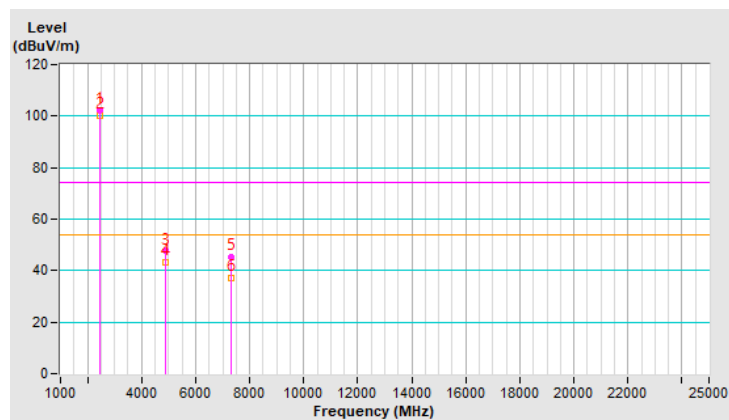


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	102.1 PK			1.00 V	7	104.1	-2.0
2	*2440.00	100.1 AV			1.00 V	7	102.1	-2.0
3	4880.00	47.6 PK	74.0	-26.4	4.00 V	48	44.8	2.8
4	4880.00	43.2 AV	54.0	-10.8	4.00 V	48	40.4	2.8
5	7320.00	45.3 PK	74.0	-28.7	1.43 V	161	36.4	8.9
6	7320.00	37.2 AV	54.0	-16.8	1.43 V	161	28.3	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

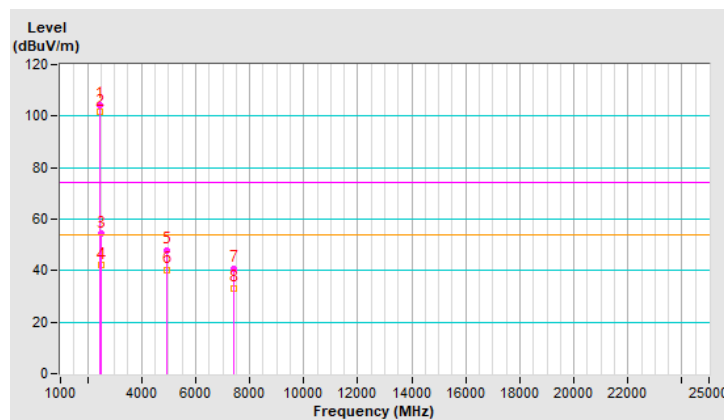


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 38：2478 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	104.1 PK			1.48 H	346	106.0	-1.9
2	*2478.00	101.5 AV			1.48 H	346	103.4	-1.9
3	2483.50	54.2 PK	74.0	-19.8	1.48 H	346	56.1	-1.9
4	2483.50	42.0 AV	54.0	-12.0	1.48 H	346	43.9	-1.9
5	4956.00	47.8 PK	74.0	-26.2	1.08 H	112	45.0	2.8
6	4956.00	40.2 AV	54.0	-13.8	1.08 H	112	37.4	2.8
7	7434.00	40.8 PK	74.0	-33.2	1.15 H	76	31.8	9.0
8	7434.00	33.2 AV	54.0	-20.8	1.15 H	76	24.2	9.0
9	#9912.00	-	-	-	-	-	-	-
10	12390.00	-	-	-	-	-	-	-
11	#14868.00	-	-	-	-	-	-	-
12	#17346.00	-	-	-	-	-	-	-
13	19824.00	-	-	-	-	-	-	-
14	22302.00	-	-	-	-	-	-	-
15	#24780.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

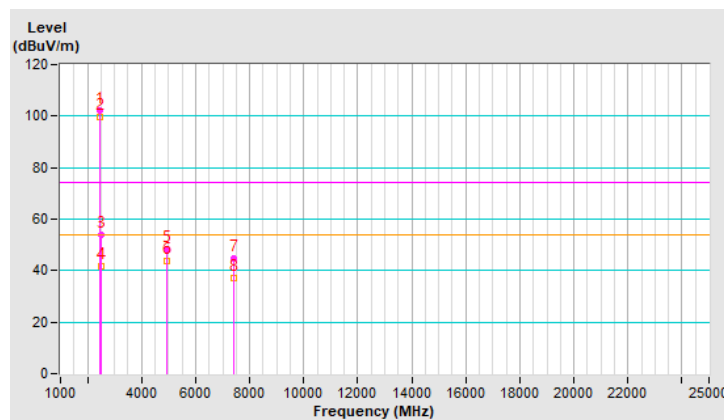


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 38：2478 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	102.2 PK			1.03 V	13	104.1	-1.9
2	*2478.00	99.9 AV			1.03 V	13	101.8	-1.9
3	2483.50	53.9 PK	74.0	-20.1	1.03 V	13	55.8	-1.9
4	2483.50	41.9 AV	54.0	-12.1	1.03 V	13	43.8	-1.9
5	4956.00	48.2 PK	74.0	-25.8	4.00 V	36	45.4	2.8
6	4956.00	43.8 AV	54.0	-10.2	4.00 V	36	41.0	2.8
7	7434.00	44.9 PK	74.0	-29.1	1.52 V	167	35.9	9.0
8	7434.00	37.0 AV	54.0	-17.0	1.52 V	167	28.0	9.0
9	#9912.00	-	-	-	-	-	-	-
10	12390.00	-	-	-	-	-	-	-
11	#14868.00	-	-	-	-	-	-	-
12	#17346.00	-	-	-	-	-	-	-
13	19824.00	-	-	-	-	-	-	-
14	22302.00	-	-	-	-	-	-	-
15	#24780.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



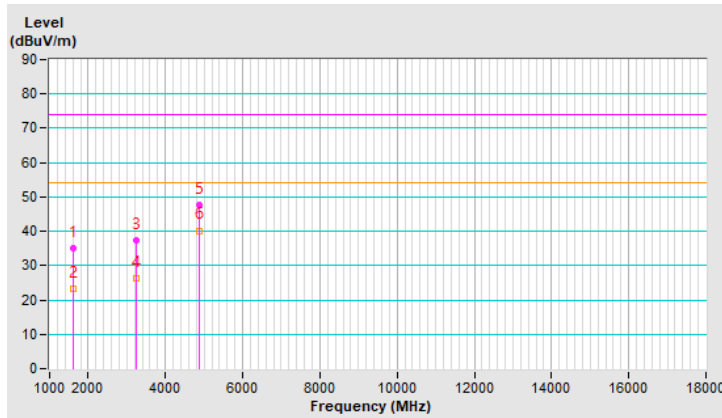
4.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	1626.67	35.1 PK	74.0	-38.9	1.53 H	200	40.1	-5.0
2	1626.67	23.1 AV	54.0	-30.9	1.53 H	200	28.1	-5.0
3	3253.33	37.4 PK	74.0	-36.6	1.39 H	40	37.9	-0.5
4	3253.33	26.3 AV	54.0	-27.7	1.39 H	40	26.8	-0.5
5	4880.00	47.8 PK	74.0	-26.2	1.11 H	167	45.0	2.8
6	4880.00	40.2 AV	54.0	-13.8	1.11 H	167	37.4	2.8

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.

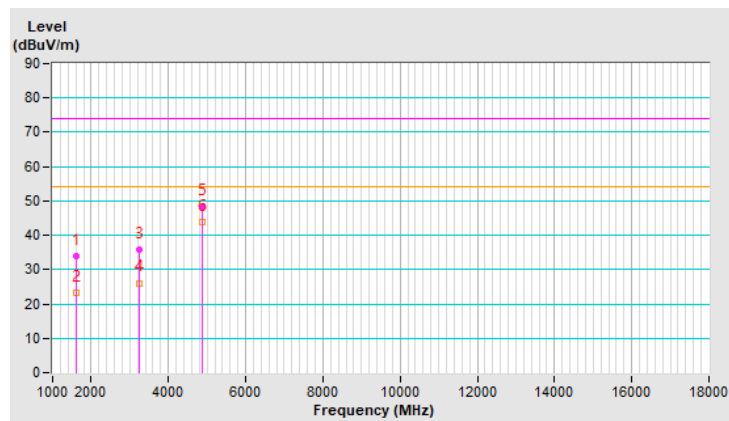


操作模式：	接收		
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	1626.67	34.0 PK	74.0	-40.0	1.35 V	205	39.0	-5.0
2	1626.67	23.4 AV	54.0	-30.6	1.35 V	205	28.4	-5.0
3	3253.33	35.9 PK	74.0	-38.1	1.58 V	244	36.4	-0.5
4	3253.33	26.1 AV	54.0	-27.9	1.58 V	244	26.6	-0.5
5	4880.00	48.2 PK	74.0	-25.8	2.91 V	127	45.4	2.8
6	4880.00	43.9 AV	54.0	-10.1	2.91 V	127	41.1	2.8

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.



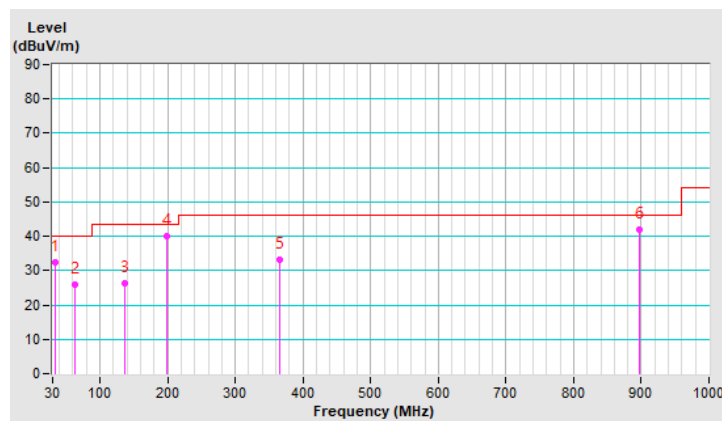
4.6.3 其它不必要之訊號

操作模式：	發射接收	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

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	34.74	32.3 QP	40.0	-7.7	1.00 H	0	40.9	-8.6
2	63.13	26.0 QP	40.0	-14.0	1.00 H	110	34.6	-8.6
3	137.21	26.3 QP	43.5	-17.2	1.50 H	148	33.8	-7.5
4	199.73	40.0 QP	43.5	-3.5	1.50 H	219	50.1	-10.1
5	366.04	33.2 QP	46.0	-12.8	1.00 H	161	37.1	-3.9
6	898.02	41.9 QP	46.0	-4.1	1.50 H	265	34.6	7.3

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 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

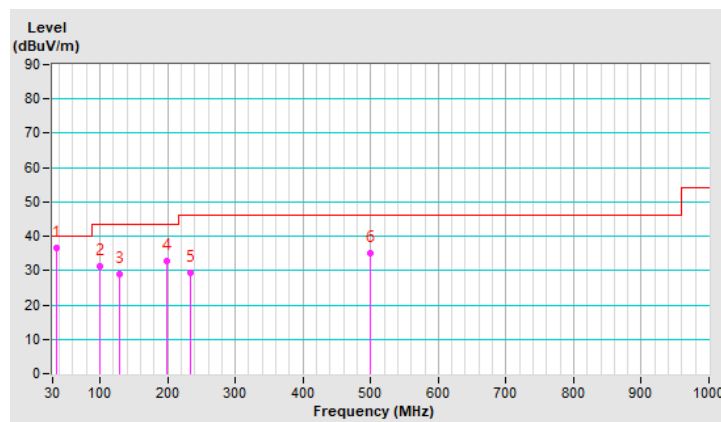


操作模式：	發射接收	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

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	35.32	36.7 QP	40.0	-3.3	1.00 V	229	45.3	-8.6
2	99.64	31.3 QP	43.5	-12.2	1.00 V	170	43.1	-11.8
3	129.42	29.1 QP	43.5	-14.4	1.50 V	175	37.3	-8.2
4	199.52	32.7 QP	43.5	-10.8	2.00 V	204	42.8	-10.1
5	232.84	29.2 QP	46.0	-16.8	1.00 V	77	37.9	-8.7
6	498.90	35.2 QP	46.0	-10.8	1.00 V	254	35.6	-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 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.7 量測結果 (模式二)

4.7.1 發射諧波

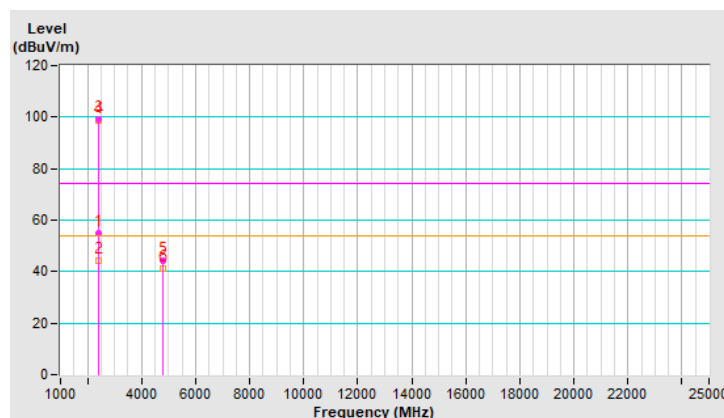
BT-LE 1M

操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 0：2402 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	54.8 PK	74.0	-19.2	1.05 H	340	56.7	-1.9
2	2390.00	44.1 AV	54.0	-9.9	1.05 H	340	46.0	-1.9
3	*2402.00	99.3 PK			1.05 H	340	101.2	-1.9
4	*2402.00	98.5 AV			1.05 H	340	100.4	-1.9
5	4804.00	44.2 PK	74.0	-29.8	1.15 H	35	41.3	2.9
6	4804.00	41.1 AV	54.0	-12.9	1.15 H	35	38.2	2.9
7	#7206.00	-	-	-	-	-	-	-
8	#9608.00	-	-	-	-	-	-	-
9	12010.00	-	-	-	-	-	-	-
10	#14412.00	-	-	-	-	-	-	-
11	#16814.00	-	-	-	-	-	-	-
12	19216.00	-	-	-	-	-	-	-
13	#21618.00	-	-	-	-	-	-	-
14	#24020.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

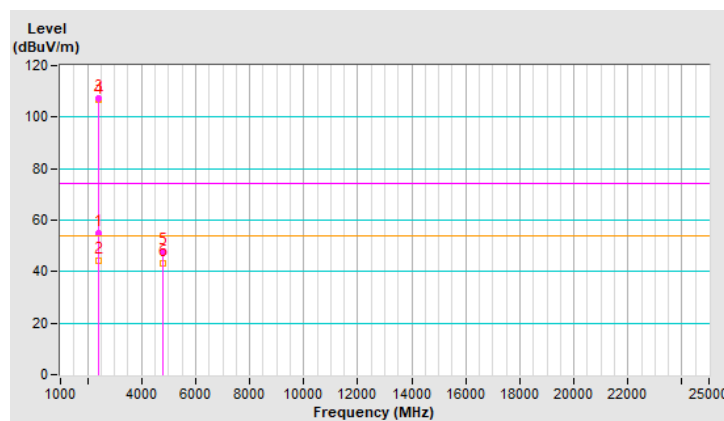


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 0：2402 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭渤淳

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	54.8 PK	74.0	-19.2	1.50 V	18	56.7	-1.9
2	2390.00	44.4 AV	54.0	-9.6	1.50 V	18	46.3	-1.9
3	*2402.00	107.4 PK			1.50 V	18	109.3	-1.9
4	*2402.00	106.6 AV			1.50 V	18	108.5	-1.9
5	4804.00	47.8 PK	74.0	-26.2	3.99 V	16	44.9	2.9
6	4804.00	43.1 AV	54.0	-10.9	3.99 V	16	40.2	2.9
7	#7206.00	-	-	-	-	-	-	-
8	#9608.00	-	-	-	-	-	-	-
9	12010.00	-	-	-	-	-	-	-
10	#14412.00	-	-	-	-	-	-	-
11	#16814.00	-	-	-	-	-	-	-
12	19216.00	-	-	-	-	-	-	-
13	#21618.00	-	-	-	-	-	-	-
14	#24020.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

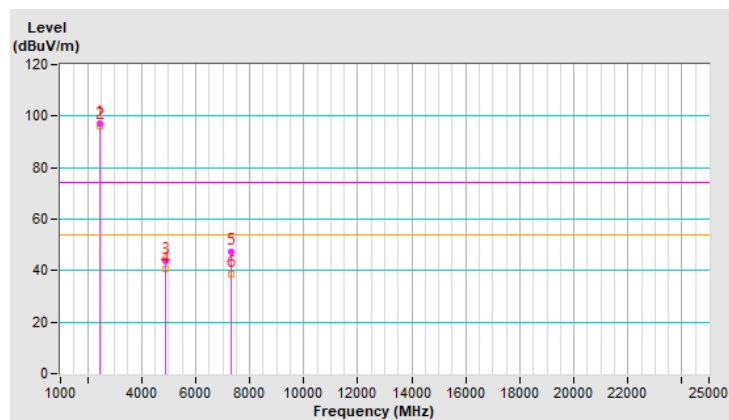


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	97.0 PK			1.03 H	331	99.0	-2.0
2	*2440.00	96.2 AV			1.03 H	331	98.2	-2.0
3	4880.00	43.7 PK	74.0	-30.3	1.23 H	50	40.9	2.8
4	4880.00	40.5 AV	54.0	-13.5	1.23 H	50	37.7	2.8
5	7320.00	47.2 PK	74.0	-26.8	1.07 H	118	38.3	8.9
6	7320.00	38.6 AV	54.0	-15.4	1.07 H	118	29.7	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

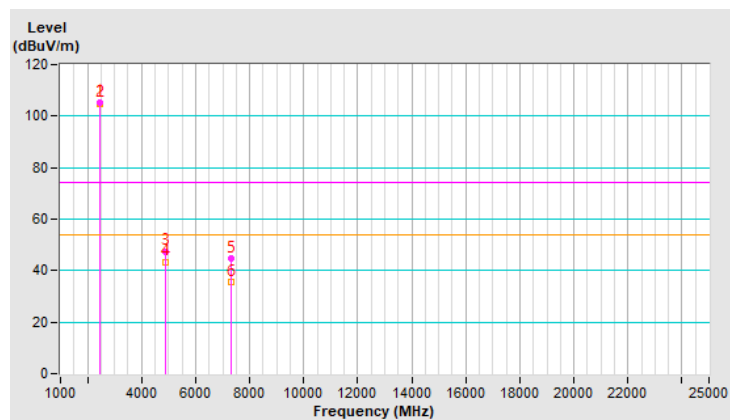


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	105.2 PK			1.53 V	22	107.2	-2.0
2	*2440.00	104.6 AV			1.53 V	22	106.6	-2.0
3	4880.00	47.5 PK	74.0	-26.5	3.90 V	19	44.7	2.8
4	4880.00	43.1 AV	54.0	-10.9	3.90 V	19	40.3	2.8
5	7320.00	44.5 PK	74.0	-29.5	2.07 V	97	35.6	8.9
6	7320.00	35.4 AV	54.0	-18.6	2.07 V	97	26.5	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

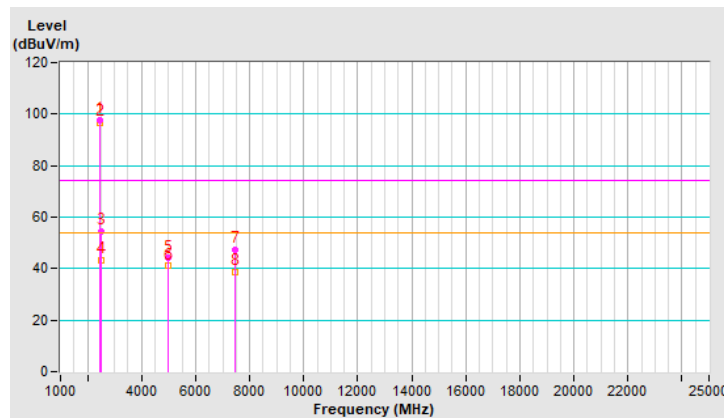


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 39：2480 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	97.5 PK			1.03 H	340	99.4	-1.9
2	*2480.00	96.7 AV			1.03 H	340	98.6	-1.9
3	2483.50	54.3 PK	74.0	-19.7	1.03 H	340	56.2	-1.9
4	2483.50	43.1 AV	54.0	-10.9	1.03 H	340	45.0	-1.9
5	4960.00	44.0 PK	74.0	-30.0	1.19 H	39	41.2	2.8
6	4960.00	41.0 AV	54.0	-13.0	1.19 H	39	38.2	2.8
7	7440.00	47.4 PK	74.0	-26.6	1.08 H	109	38.4	9.0
8	7440.00	38.7 AV	54.0	-15.3	1.08 H	109	29.7	9.0
9	#9920.00	-	-	-	-	-	-	-
10	12400.00	-	-	-	-	-	-	-
11	#14880.00	-	-	-	-	-	-	-
12	#17360.00	-	-	-	-	-	-	-
13	19840.00	-	-	-	-	-	-	-
14	22320.00	-	-	-	-	-	-	-
15	#24800.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

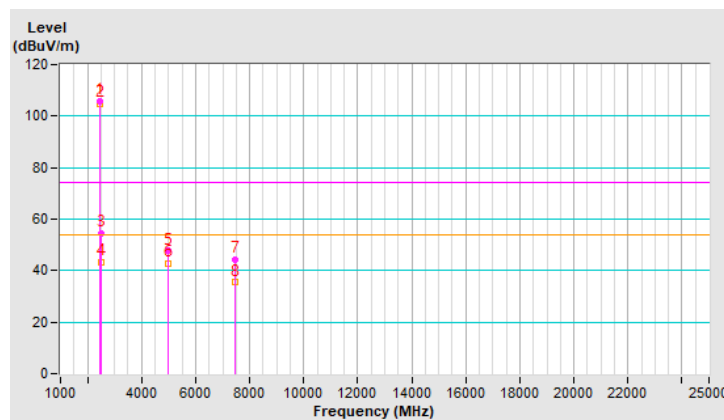


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 39：2480 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	105.8 PK			1.53 V	28	107.7	-1.9
2	*2480.00	105.0 AV			1.53 V	28	106.9	-1.9
3	2483.50	54.6 PK	74.0	-19.4	1.53 V	28	56.5	-1.9
4	2483.50	43.1 AV	54.0	-10.9	1.53 V	28	45.0	-1.9
5	4960.00	47.6 PK	74.0	-26.4	3.96 V	21	44.8	2.8
6	4960.00	42.9 AV	54.0	-11.1	3.96 V	21	40.1	2.8
7	7440.00	44.2 PK	74.0	-29.8	2.03 V	108	35.2	9.0
8	7440.00	35.4 AV	54.0	-18.6	2.03 V	108	26.4	9.0
9	#9920.00	-	-	-	-	-	-	-
10	12400.00	-	-	-	-	-	-	-
11	#14880.00	-	-	-	-	-	-	-
12	#17360.00	-	-	-	-	-	-	-
13	19840.00	-	-	-	-	-	-	-
14	22320.00	-	-	-	-	-	-	-
15	#24800.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



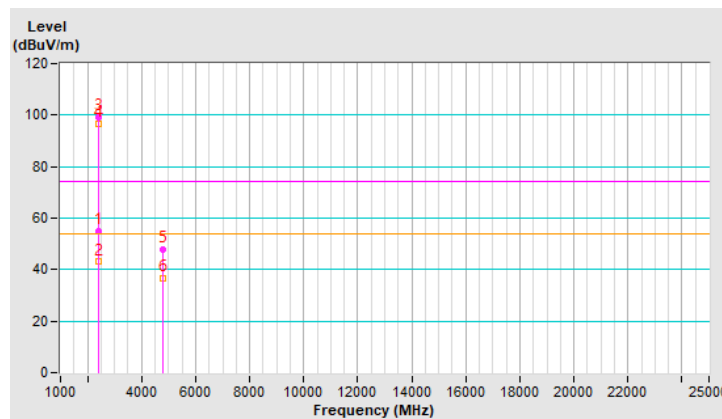
BT-LE 2M

操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 1：2404 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭渤淳

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	55.1 PK	74.0	-18.9	1.00 H	341	57.0	-1.9
2	2390.00	43.0 AV	54.0	-11.0	1.00 H	341	44.9	-1.9
3	*2404.00	99.2 PK			1.00 H	341	101.1	-1.9
4	*2404.00	96.7 AV			1.00 H	341	98.6	-1.9
5	4808.00	47.9 PK	74.0	-26.1	1.21 H	47	45.0	2.9
6	4808.00	36.6 AV	54.0	-17.4	1.21 H	47	33.7	2.9
7	#7212.00	-	-	-	-	-	-	-
8	#9616.00	-	-	-	-	-	-	-
9	12020.00	-	-	-	-	-	-	-
10	#14424.00	-	-	-	-	-	-	-
11	#16828.00	-	-	-	-	-	-	-
12	19232.00	-	-	-	-	-	-	-
13	#21636.00	-	-	-	-	-	-	-
14	#24040.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

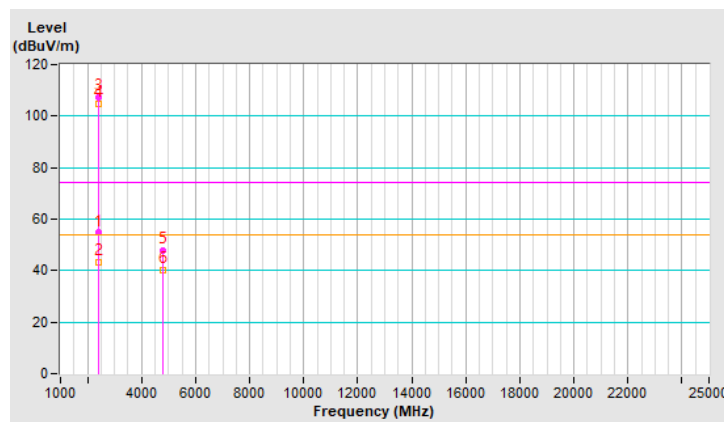


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 1：2404 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	54.7 PK	74.0	-19.3	1.50 V	18	56.6	-1.9
2	2390.00	43.3 AV	54.0	-10.7	1.50 V	18	45.2	-1.9
3	*2404.00	107.2 PK			1.50 V	18	109.1	-1.9
4	*2404.00	104.6 AV			1.50 V	18	106.5	-1.9
5	4808.00	47.9 PK	74.0	-26.1	3.89 V	39	45.0	2.9
6	4808.00	40.3 AV	54.0	-13.7	3.89 V	39	37.4	2.9
7	#7212.00	-	-	-	-	-	-	-
8	#9616.00	-	-	-	-	-	-	-
9	12020.00	-	-	-	-	-	-	-
10	#14424.00	-	-	-	-	-	-	-
11	#16828.00	-	-	-	-	-	-	-
12	19232.00	-	-	-	-	-	-	-
13	#21636.00	-	-	-	-	-	-	-
14	#24040.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

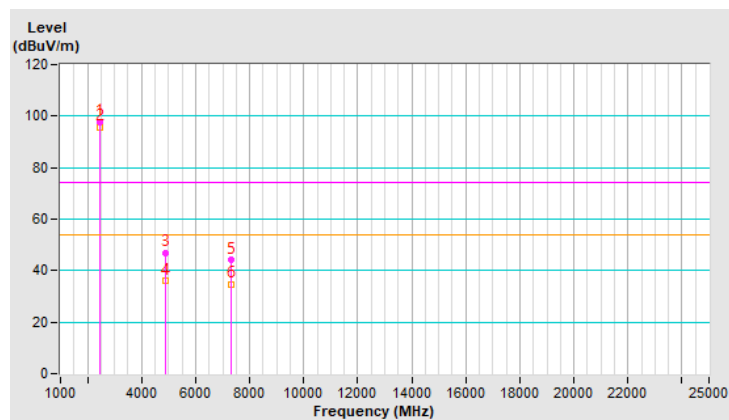


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	97.8 PK			1.03 H	342	99.8	-2.0
2	*2440.00	95.5 AV			1.03 H	342	97.5	-2.0
3	4880.00	46.9 PK	74.0	-27.1	1.13 H	64	44.1	2.8
4	4880.00	35.9 AV	54.0	-18.1	1.13 H	64	33.1	2.8
5	7320.00	44.0 PK	74.0	-30.0	1.00 H	100	35.1	8.9
6	7320.00	34.6 AV	54.0	-19.4	1.00 H	100	25.7	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

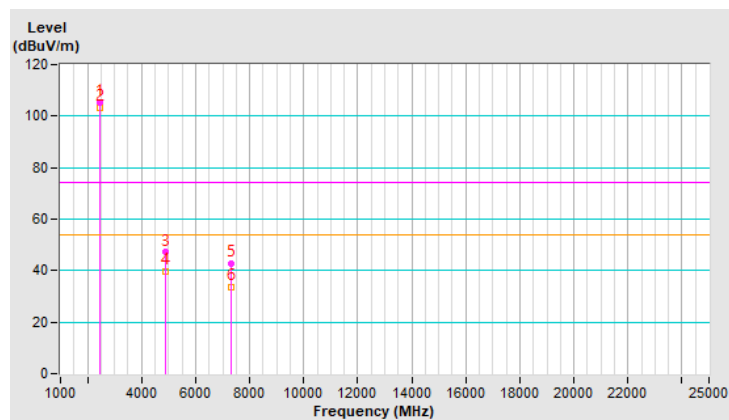


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	105.5 PK			1.49 V	30	107.5	-2.0
2	*2440.00	103.2 AV			1.49 V	30	105.2	-2.0
3	4880.00	47.1 PK	74.0	-26.9	3.85 V	33	44.3	2.8
4	4880.00	39.6 AV	54.0	-14.4	3.85 V	33	36.8	2.8
5	7320.00	42.8 PK	74.0	-31.2	2.10 V	113	33.9	8.9
6	7320.00	33.4 AV	54.0	-20.6	2.10 V	113	24.5	8.9
7	#9760.00	-	-	-	-	-	-	-
8	12200.00	-	-	-	-	-	-	-
9	#14640.00	-	-	-	-	-	-	-
10	#17080.00	-	-	-	-	-	-	-
11	19520.00	-	-	-	-	-	-	-
12	#21960.00	-	-	-	-	-	-	-
13	#24400.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

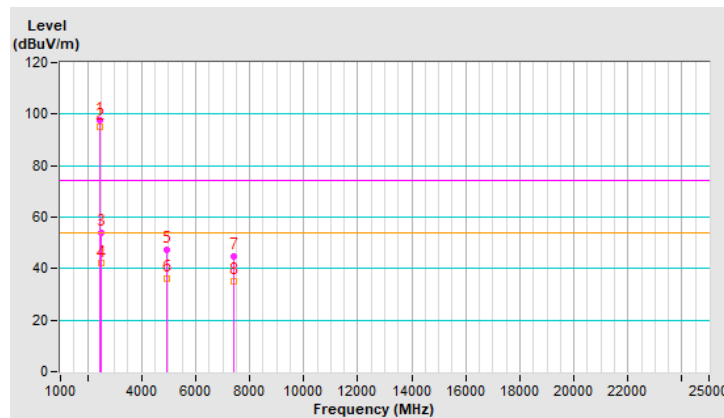


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 38：2478 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	97.8 PK			1.05 H	339	99.7	-1.9
2	*2478.00	95.3 AV			1.05 H	339	97.2	-1.9
3	2483.50	54.1 PK	74.0	-19.9	1.05 H	339	56.0	-1.9
4	2483.50	42.0 AV	54.0	-12.0	1.05 H	339	43.9	-1.9
5	4956.00	47.2 PK	74.0	-26.8	1.19 H	45	44.4	2.8
6	4956.00	36.1 AV	54.0	-17.9	1.19 H	45	33.3	2.8
7	7434.00	44.8 PK	74.0	-29.2	1.05 H	107	35.8	9.0
8	7434.00	35.1 AV	54.0	-18.9	1.05 H	107	26.1	9.0
9	#9912.00	-	-	-	-	-	-	-
10	12390.00	-	-	-	-	-	-	-
11	#14868.00	-	-	-	-	-	-	-
12	#17346.00	-	-	-	-	-	-	-
13	19824.00	-	-	-	-	-	-	-
14	22302.00	-	-	-	-	-	-	-
15	#24780.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

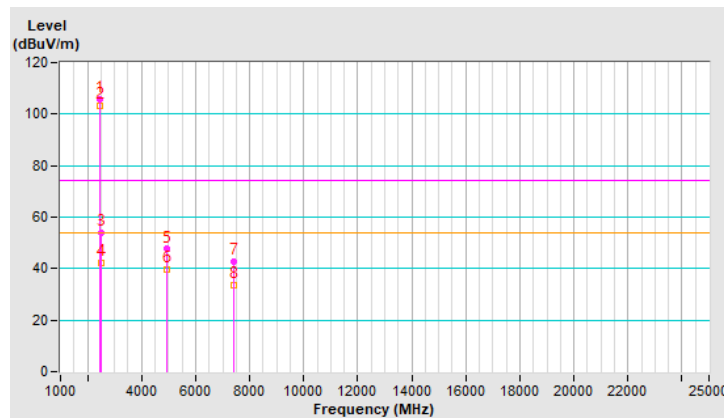


操作模式：	發射	調變技術：	GFSK
基本波頻率：	CH 38：2478 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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			1.55 V	24	107.6	-1.9
2	*2478.00	103.3 AV			1.55 V	24	105.2	-1.9
3	2483.50	53.8 PK	74.0	-20.2	1.55 V	24	55.7	-1.9
4	2483.50	42.3 AV	54.0	-11.7	1.55 V	24	44.2	-1.9
5	4956.00	47.6 PK	74.0	-26.4	3.90 V	40	44.8	2.8
6	4956.00	39.9 AV	54.0	-14.1	3.90 V	40	37.1	2.8
7	7434.00	42.9 PK	74.0	-31.1	2.12 V	115	33.9	9.0
8	7434.00	33.4 AV	54.0	-20.6	2.12 V	115	24.4	9.0
9	#9912.00	-	-	-	-	-	-	-
10	12390.00	-	-	-	-	-	-	-
11	#14868.00	-	-	-	-	-	-	-
12	#17346.00	-	-	-	-	-	-	-
13	19824.00	-	-	-	-	-	-	-
14	22302.00	-	-	-	-	-	-	-
15	#24780.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



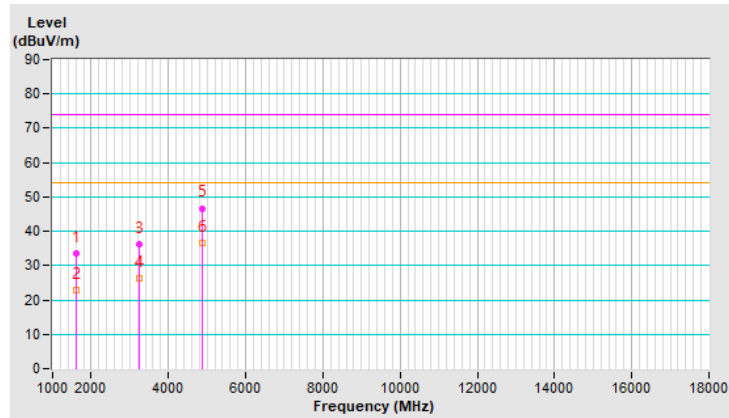
4.7.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	1626.67	33.5 PK	74.0	-40.5	2.38 H	170	38.5	-5.0
2	1626.67	22.9 AV	54.0	-31.1	2.38 H	170	27.9	-5.0
3	3253.33	36.2 PK	74.0	-37.8	1.26 H	19	36.7	-0.5
4	3253.33	26.2 AV	54.0	-27.8	1.26 H	19	26.7	-0.5
5	4880.00	46.7 PK	74.0	-27.3	1.57 H	273	43.9	2.8
6	4880.00	36.6 AV	54.0	-17.4	1.57 H	273	33.8	2.8

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.

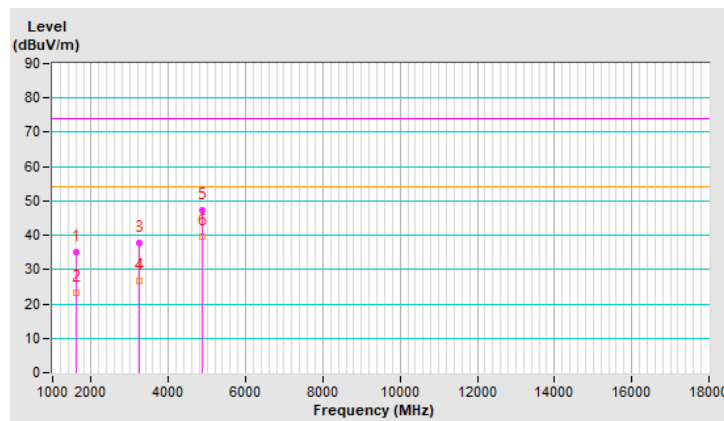


操作模式：	接收		
基本波頻率：	CH 19：2440 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	1626.67	35.0 PK	74.0	-39.0	1.69 V	269	40.0	-5.0
2	1626.67	23.2 AV	54.0	-30.8	1.69 V	269	28.2	-5.0
3	3253.33	37.7 PK	74.0	-36.3	1.75 V	175	38.2	-0.5
4	3253.33	26.8 AV	54.0	-27.2	1.75 V	175	27.3	-0.5
5	4880.00	47.2 PK	74.0	-26.8	2.82 V	149	44.4	2.8
6	4880.00	39.5 AV	54.0	-14.5	2.82 V	149	36.7	2.8

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.



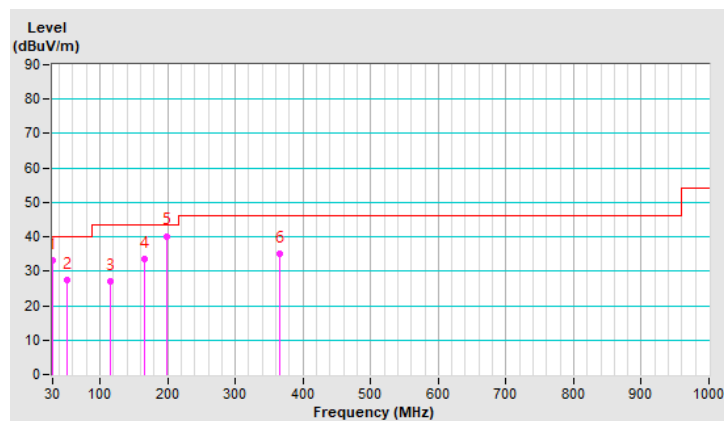
4.7.3 其它不必要之訊號

操作模式：	發射接收	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

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	30.66	33.2 QP	40.0	-6.8	1.00 H	139	42.1	-8.9
2	50.67	27.5 QP	40.0	-12.5	1.50 H	156	35.0	-7.5
3	115.06	27.1 QP	43.5	-16.4	1.00 H	113	36.6	-9.5
4	166.05	33.7 QP	43.5	-9.8	1.50 H	182	40.7	-7.0
5	199.49	40.2 QP	43.5	-3.3	1.50 H	203	50.3	-10.1
6	365.74	35.2 QP	46.0	-10.8	1.50 H	283	39.1	-3.9

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 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

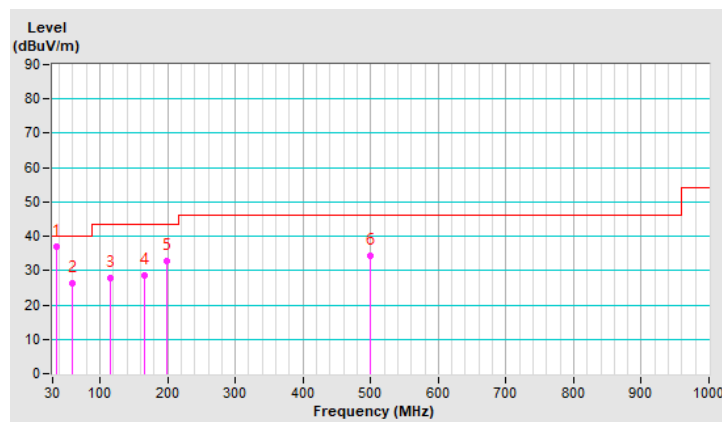


操作模式：	發射接收	調變技術：	GFSK
基本波頻率：	CH 19：2440 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

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	35.26	37.0 QP	40.0	-3.0	1.00 V	162	45.6	-8.6
2	58.89	26.3 QP	40.0	-13.7	1.50 V	231	34.3	-8.0
3	115.11	27.8 QP	43.5	-15.7	2.00 V	325	37.3	-9.5
4	166.35	28.6 QP	43.5	-14.9	2.00 V	239	35.7	-7.1
5	199.51	32.7 QP	43.5	-10.8	2.00 V	268	42.8	-10.1
6	498.88	34.3 QP	46.0	-11.7	1.00 V	277	34.7	-0.4

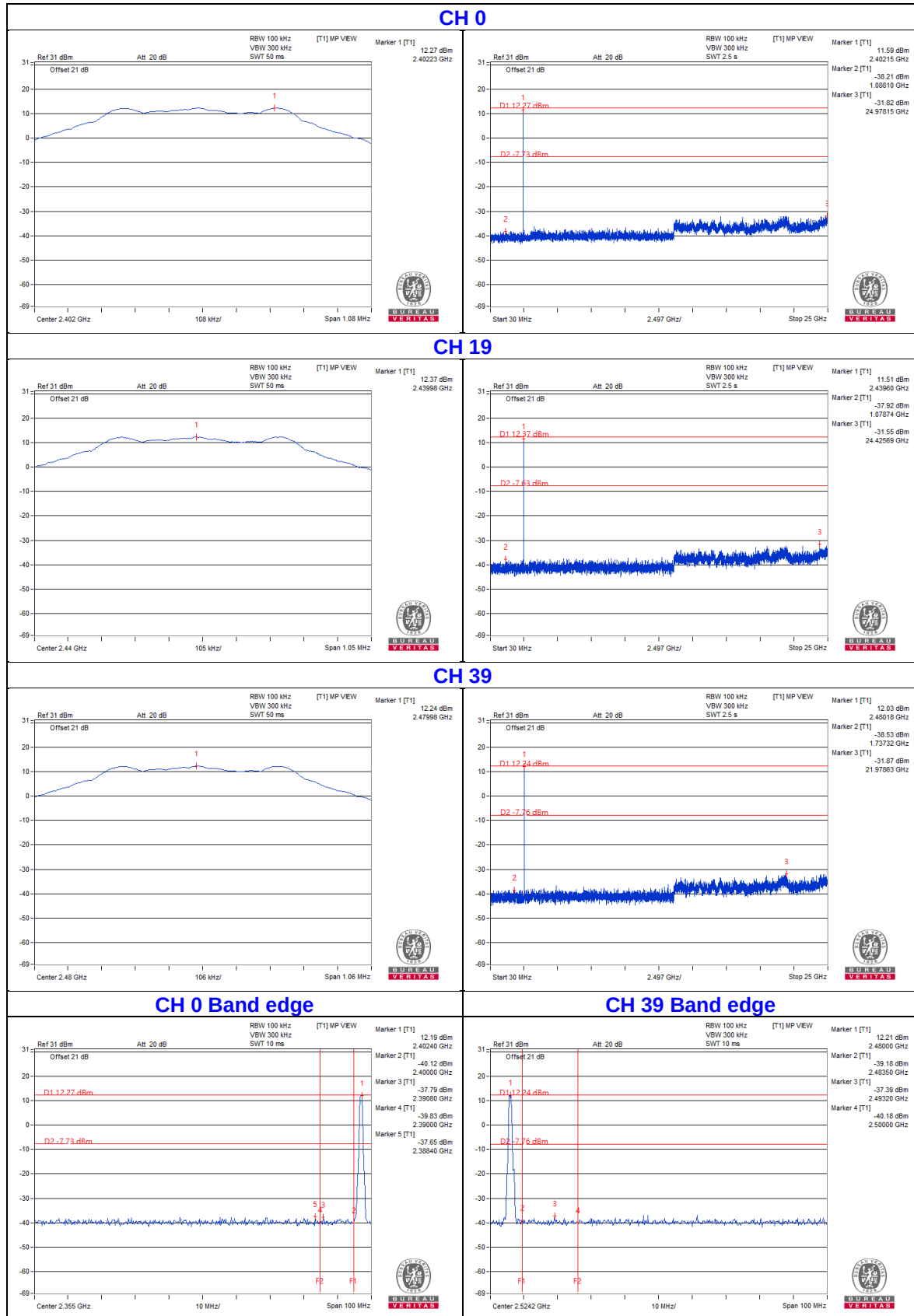
Remarks:

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 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

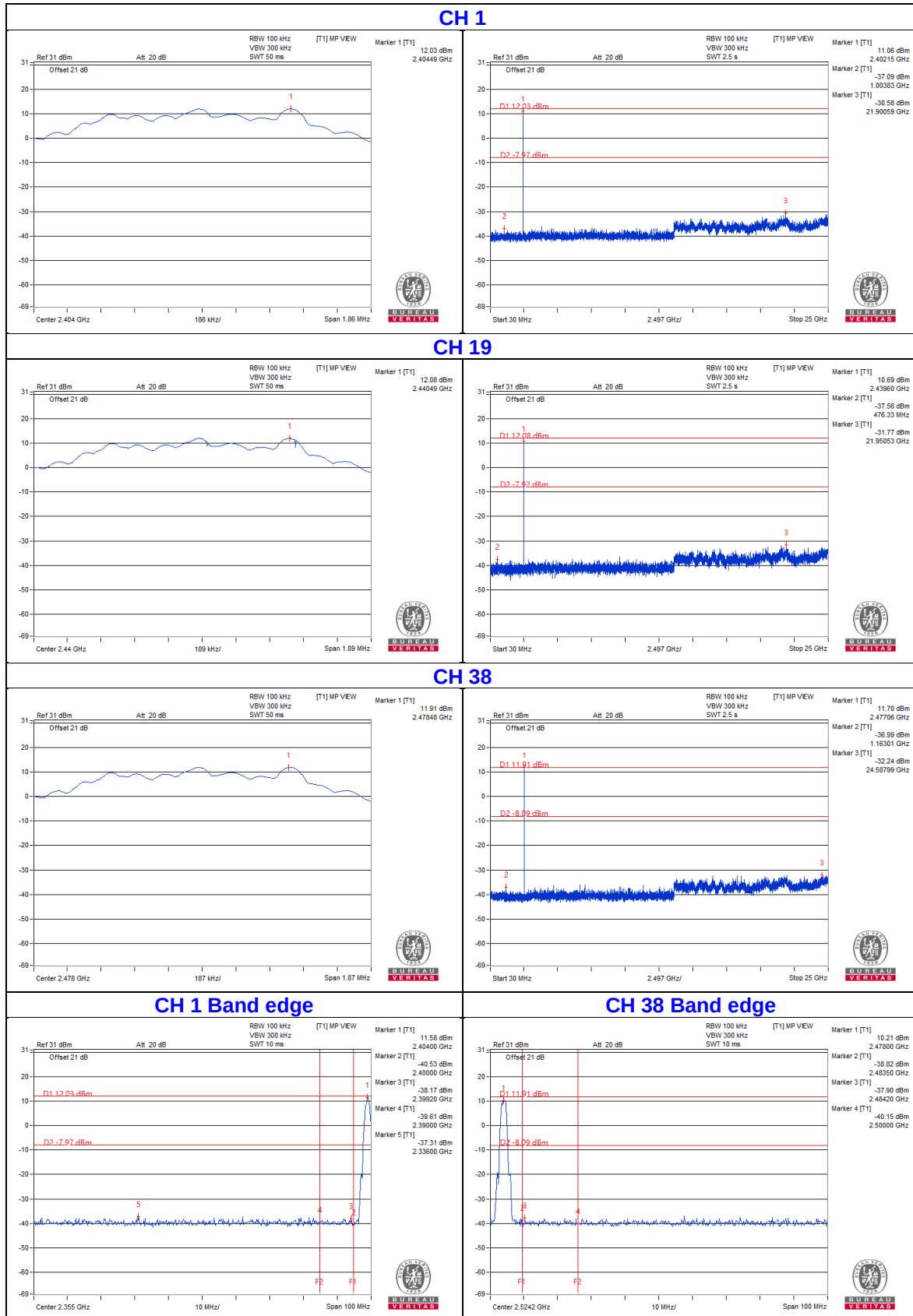


4.8 帶外發射之量測 (傳導)

BT-LE 1M



BT-LE 2M



4.9 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

4.10 配置照片

請參照 Test Setup Photos (BV 編號: 200814E08) 。

5 電源線傳導干擾之量測

5.1 適用標準

請見本報告 3.1 節第(1)項的規定。

5.2 量測方法

將待測物置於 0.8 米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由 0.15MHz 至 30MHz 之間之電源線傳導放射強度。

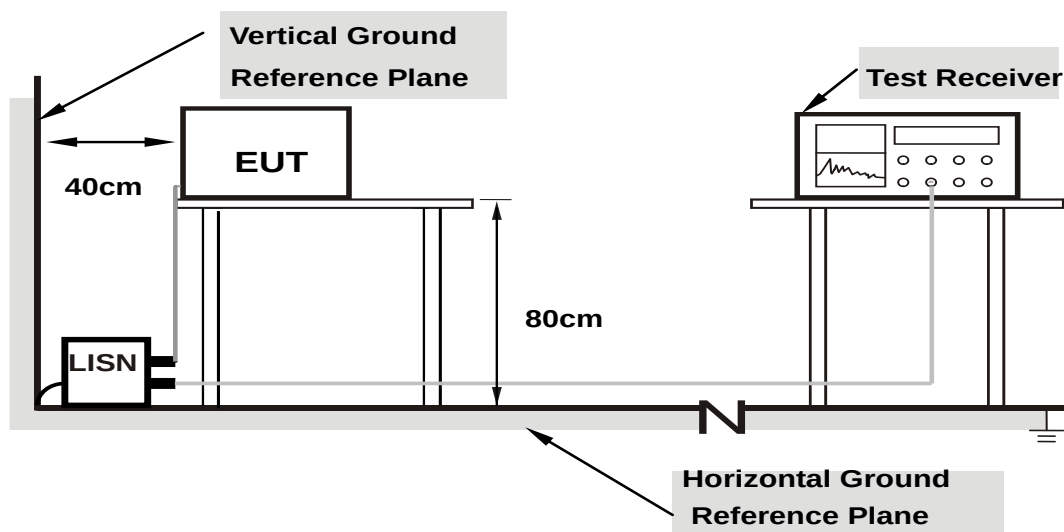
5.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 23, 2019	Oct. 22, 2020
RF Cable	5D-FB	COCCAB-001	Sep. 27, 2019	Sep. 26, 2020
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
3. The measurement uncertainty is 2.98 dB, which is calculated as per the document CISPR 16-4-2 This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5.4 測試配置



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

5.5 干擾值之計算

餘裕度 Margin(dB)= 結果值 Emission level (dBuV)-限制值 Limit value (dBuV)

電源傳導干擾電壓之計算公式如下

結果值 Emission level (dBuV)=校正因子 Correction Factor (dB)+儀器讀值 Reading value (dBuV)

其中校正因子 Correction Factor (dB)為：

饋線損失+電源阻抗模擬網路損失

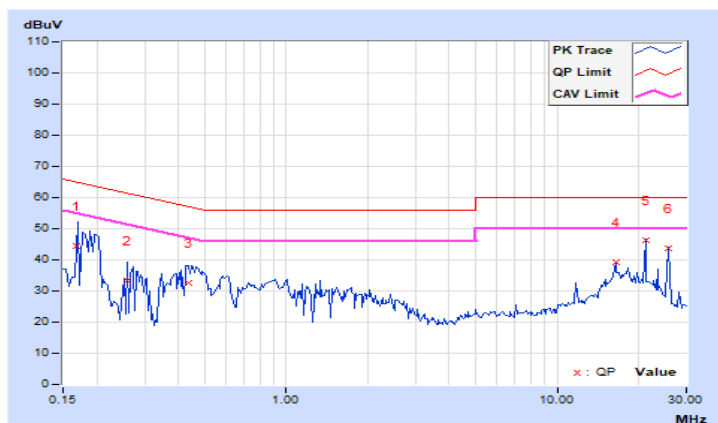
5.6 量測結果

操作模式	發射/接收	測試日期	109 年 09 月 18 日
基本波頻率	CH 19 : 2440 MHz	量測場地溫度	25°C
調變技術	GFSK	量測場地濕度	66%RH
測試者	楊立豪		

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.16913	9.92	34.38	7.31	44.30	17.23	65.00	55.00	-20.70	-37.77
0.25953	9.94	23.52	0.39	33.46	10.33	61.45	51.45	-27.99	-41.12
0.43523	9.95	22.75	4.57	32.70	14.52	57.15	47.15	-24.45	-32.63
16.46504	10.81	28.32	26.93	39.13	37.74	60.00	50.00	-20.87	-12.26
21.16807	11.05	35.36	35.22	46.41	46.27	60.00	50.00	-13.59	-3.73
25.87123	11.18	32.65	32.53	43.83	43.71	60.00	50.00	-16.17	-6.29

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

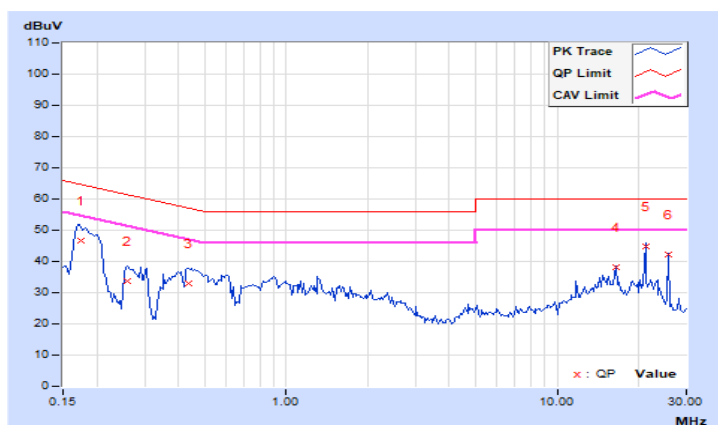


操作模式	發射/接收	測試日期	109 年 09 月 18 日
基本波頻率	CH 19 : 2440 MHz	量測場地溫度	25°C
調變技術	GFSK	量測場地濕度	66%RH
測試者	楊立豪		

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.17361	9.92	36.81	11.14	46.73	21.06	64.79	54.79	-18.06	-33.73
0.25912	9.94	23.78	0.64	33.72	10.58	61.46	51.46	-27.74	-40.88
0.43526	9.95	23.19	4.77	33.14	14.72	57.15	47.15	-24.01	-32.43
16.46503	10.62	27.42	26.40	38.04	37.02	60.00	50.00	-21.96	-12.98
21.16791	10.78	34.20	34.16	44.98	44.94	60.00	50.00	-15.02	-5.06
25.87121	10.86	31.53	31.41	42.39	42.27	60.00	50.00	-17.61	-7.73

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



5.7 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

5.8 配置照片

請參照 Test Setup Photos (BV 編號：200814E08) 。

6 6 dB 頻寬之要求

6.1 適用標準

請見本報告 3.1 節第(5)項的規定。

6.2 量測方法

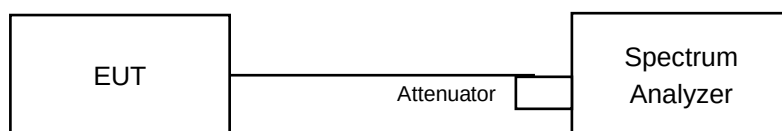
- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 計算最大輸出功率峰值減 6dB 的最大頻率範圍。

6.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

NOTE: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

6.4 測試配置



6.5 量測結果

操作模式	發射	測試日期	109 年 09 月 25 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

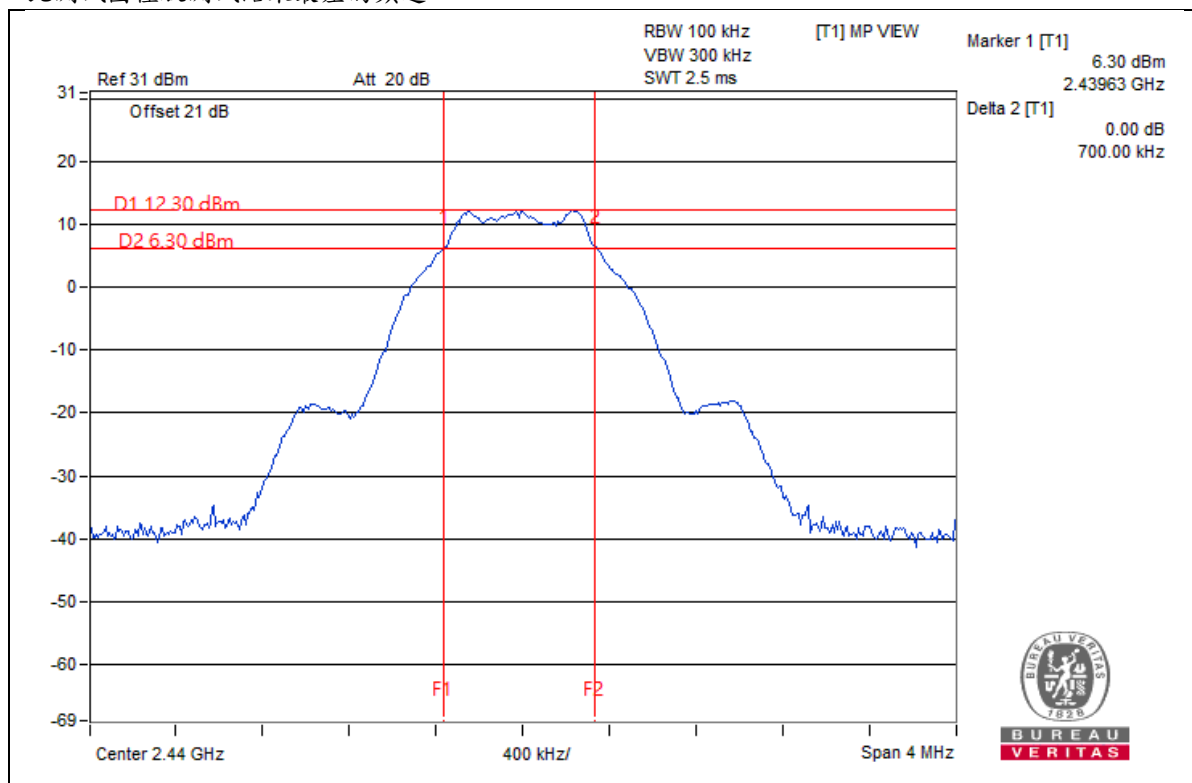
BT-LE 1M

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
0	2402	0.72	0.5	Pass
19	2440	0.7	0.5	Pass
39	2480	0.71	0.5	Pass

BT-LE 2M

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2404	1.24	0.5	Pass
19	2440	1.26	0.5	Pass
38	2478	1.25	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



6.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

7 峰值傳導輸出功率之量測

7.1 適用標準

請見本報告 3.1 節第(6)項的規定。

7.2 量測方法

- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其輸出功率峰值。

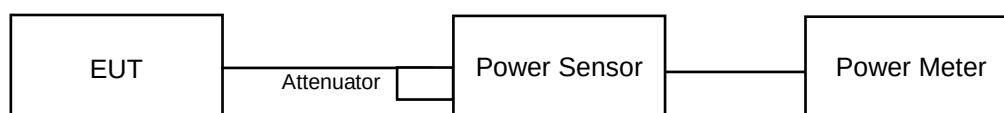
7.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1529002	July 22, 2020	July 21, 2021
Power sensor Anritsu	MA2411B	1339443	July 22, 2020	July 21, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

NOTE:

- The test was performed in Oven room 2.
- The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

7.4 測試配置



7.5 量測結果

操作模式	發射	測試日期	109 年 09 月 25 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

FOR PEAK POWER

BT-LE 1M

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
0	2402	15.704	11.96	30	Pass
19	2440	16.106	12.07	30	Pass
39	2480	15.668	11.95	30	Pass

BT-LE 2M

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
1	2404	16.106	12.07	30	Pass
19	2440	16.293	12.12	30	Pass
38	2478	15.885	12.01	30	Pass

FOR AVERAGE POWER

BT-LE 1M

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
0	2402	15.596	11.93
19	2440	15.776	11.98
39	2480	15.596	11.93

BT-LE 2M

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
1	2404	15.311	11.85
19	2440	15.959	12.03
38	2478	15.631	11.94

7.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

8 功率頻譜密度之量測

8.1 適用標準

請見本報告 3.1 節第 7 項的規定。

8.2 量測方法

- 將待測物之天線埠連接至測試儀器。
- 設定解析頻寬為 3 kHz，視訊頻寬為 10kHz，掃描時間設為自動，直至掃描信號穩定。
- 使用峰值功能鍵，並找到最大的峰值準位。

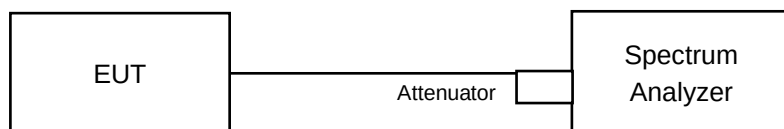
8.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

NOTE:

- The test was performed in Oven room 2.
- The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

8.4 測試配置



8.5 量測結果

操作模式	發射	測試日期	109 年 09 月 25 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

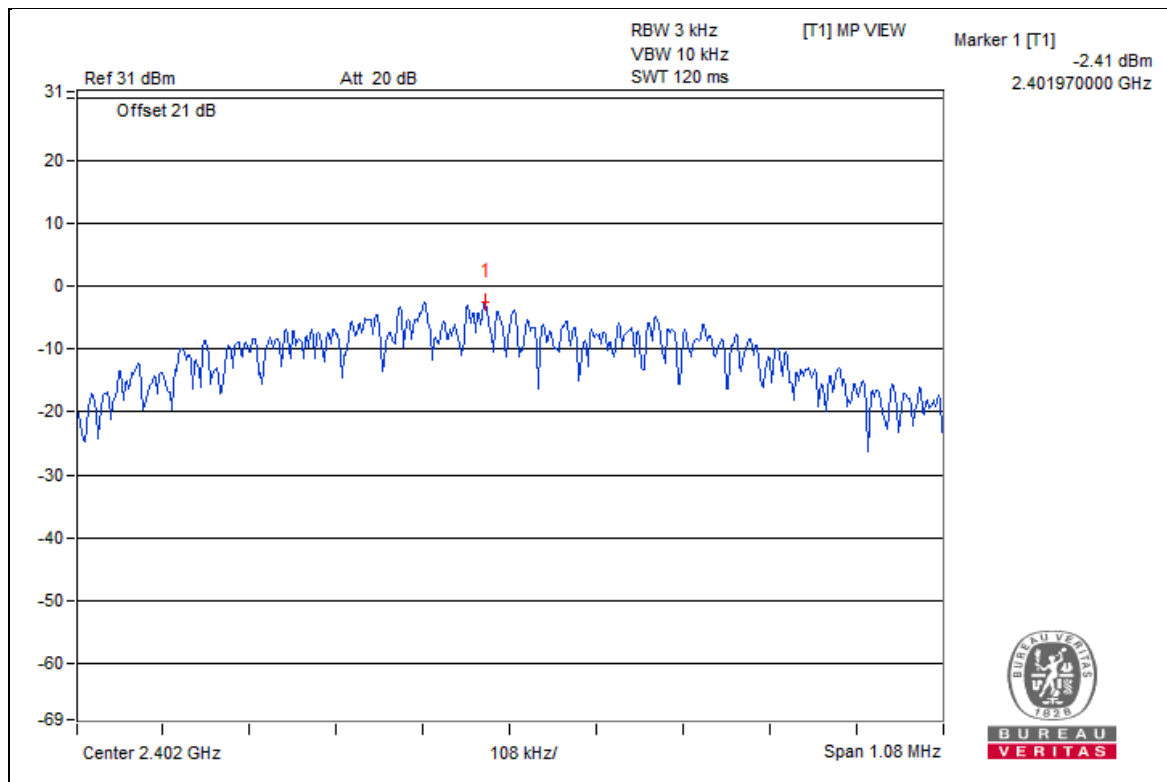
BT-LE 1M

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	2402	-2.41	8	Pass
19	2440	-2.53	8	Pass
39	2480	-2.45	8	Pass

BT-LE 2M

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
1	2404	-6.36	8	Pass
19	2440	-6.34	8	Pass
38	2478	-6.51	8	Pass

**此測試圖僅放測試結果最差的頻道。



8.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

9 檢測實驗室基本資料

立德國際商品試驗有限公司桃園分公司提供產業界最佳的檢測以及諮詢服務。
本公司為 ISO/IEC 17025 認可實驗室。

如您有任何問題或建議，請與下列實驗室聯絡：

林口 EMC / RF 實驗室：

Tel: 886-2-26052180

Fax: 886-2-26051924

新竹 EMC / RF 及通訊實驗室：

Tel: 886-3-6668565

Fax: 886-3-6668323

華亞 EMC / RF / Safety 實驗室：

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

您也可以在我们的網站內找到各實驗室的地圖。

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