

報告編號: RTBDUM-WTW-P21040646-1

行動通信電信終端設備技術規範測試報告		
產品名稱	IBR200 物聯網路由器	
申請廠商	奧瑞國際有限公司	
製造廠商	Cradlepoint, Inc	
商標或廠牌	cradlepoint	
型號	S3A911A	
該產品樣品試驗 依據之試驗標準	國家通訊傳播委員會 行動通信電信終端設備技術規範【PLMN ALL】 (LTE 終端設備(PLMN10)) 訂定日期：109 年 09 月 25 日	
試驗結果	合格	
填發本檢驗報告之檢驗機構		
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 實驗室認可編號：TAF 2022 實驗室地址：300 新竹市科學工業園區力行一路 1 號 E-2 受理日期：110 年 04 月 21 日 完成日期：110 年 08 月 22 日 發行日期：110 年 10 月 04 日 報告簽署人簽章：		
 		

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報告發行紀錄

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證 明 書

產 品 名 稱：IBR200 物聯網路由器
廠 牌：cradlepoint
型 號：S3A911A
申 請 者：奧瑞國際有限公司
行動通信電信終端設備技術規範【PLMN ALL】
量 測 規 範：(LTE 終端設備(PLMN10))
訂定日期：109 年 09 月 25 日

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一組(型號：S3A911A)，收件日期 110 年 04 月 21 日，於 110 年 08 月 22 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“行動通信電信終端設備技術規範”製作測試結果報告。

特 此 證 明 ！

報告製作者：

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， 日 期：110 年 10 月 04 日

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， 日 期：110 年 10 月 04 日

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. 行動通信電信終端設備量測記錄表

申請廠商：奧瑞國際有限公司
 製造廠商：Cradlepoint, Inc
 申請廠商地址：臺北市大安區復興南路 2 段 327 號 14 樓之 2
 廠牌：cradlepoint
 產品名稱：IBR200 物聯網路由器
 型號：S3A911A
 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
 認可有效期限：112 年 08 月 06 日
 量測單位聯絡電話：03-6668565
 量測規範：行動通信電信終端設備技術規範【PLMN ALL】
 (LTE 終端設備(PLMN10))
 訂定日期：109 年 09 月 25 日

項次	量測項目	規 範	量測結果判定
1	發射功率	行動通信電信終端設備技術規範 6.3.1 章節	合格
2	發射頻譜波罩	行動通信電信終端設備技術規範 6.3.2 章節	合格
3	傳導帶外輻射發射	行動通信電信終端設備技術規範 6.3.3 章節	合格
4	相鄰頻道洩漏功率比(ACLR)	行動通信電信終端設備技術規範 6.3.4 章節	合格
5	頻率穩定度	行動通信電信終端設備技術規範 6.3.5 章節	合格
6	電磁波能量比吸收率(SAR)	行動通信電信終端設備技術規範 6.6.1.1 章節	不適用
7	電波功率密度	行動通信電信終端設備技術規範 6.6.2.1 章節	合格
8	災防告警細胞廣播訊息接收功能	行動通信電信終端設備技術規範 6.10 章節	見備註 2

備註：

- 量測結果之判定不考慮量測不確定度的貢獻。
- 此為移動式行動台產品，免評估災防告警細胞廣播訊息接收功能。

2. 一般敘述

2.1 待測設備

產品名稱：	IBR200 物聯網路由器
型號：	S3A911A
額定電源：	DC 12V from power adapter
頻帶：	LTE Band 1: 1920~1980 MHz LTE Band 3: 1710~1785 MHz LTE Band 7: 2500~2570 MHz LTE Band 28: 703 ~748 MHz
工作頻寬：	LTE Band 1: 5 MHz, 10 MHz, 15 MHz, 20 MHz LTE Band 3: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz LTE Band 7: 5 MHz, 10 MHz, 15 MHz, 20 MHz LTE Band 28: 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
量測功率：	傳導輸出： LTE Band 1: 24.56 dBm LTE Band 3: 24.57 dBm LTE Band 7: 24.54 dBm LTE Band 28: 24.49 dBm 等效輻射： LTE Band 1: 26.01 dBm LTE Band 3: 26.02 dBm LTE Band 7: 25.99 dBm LTE Band 28: 22.7 dBm
發射模式：	1 Tx / 1 Rx
天線種類：	見註 1
電源線類別：	NA
信號線類別：	NA
配件：	Adapter x 1

註:

1. 此待測設備同時具有 WLAN 及 WWAN 技術，WLAN 及 WWAN 技術會在同一時間發射，經評估發現於場強輻射及傳導干擾並無不符合限制值。
2. 此待測設備之額定電源來自一電源供應器，詳列如下：

No.	Brand	Model No.	Spec.
1	KUANTECH	KSA-36W-120300D5	AC Input: 100-240Vac, 1A, 50-60Hz DC Output: 12V, 3A DC Output cable: Unshielded, 1.5m
2 (Option)	Asian Power Devices	WA-36N12R	AC Input: 100-240Vac, 1A, 50-60Hz DC Output: 12V, 3A DC Output cable: Unshielded, 1.5m

Note:

1. From the above adapters, the worse emissions was found in Adapter 1. Therefore only the test data of the mode was recorded in this report.

3. 此待測設備搭配測試的天線，其資料如下：

WLAN Antenna Spec.								
Antenna No.	Brand	Model	Ant. Gain (dBi)	Frequency range (MHz)	Antenna Type	Antenna Connector		
1	JOYMAX	IWX-1511RSJX-999	5.18	2400~2483.5	Dipole	R-SMA		
LTE Antenna Spec.								
Ant Set	Brand	Model	Chain No.	Ant. Gain (dBi)	Frequency range (MHz)	Antenna Type	Antenna Connector	Cable Length (mm)
1	WNC	90XKAI15.G02	Main	0.36	700~960	Dipole	SMA	100
				3.6	1710~2700			
	WNC	90XKAI15.G02	Aux	0.36	700~960	Dipole	SMA	100
				3.6	1710~2700			
2 (Option)	JOYMAX	YWX-614XSACX-711	Main	-0.3	698~960	Dipole	SMA	100
				1.6	1710~2170			
				3.4	2500~2700			
	JOYMAX	YWX-614XSACX-711	Aux	-0.3	698~960	Dipole	SMA	100
				1.6	1710~2170			
				3.4	2500~2700			

4. 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。

5. IMEI: 864033040007136 為測試時專用的 IMEI 號碼，上市時之 IMEI 請參考 IMEI 保證書說明。



6. 量測結果之判定不考慮量測不確定度的貢獻。

此裝置測試中心頻率如下：

LTE Band 1

Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
5MHz	18025	1922.5	10MHz	18050	1925.0
	18300	1950.0		18300	1950.0
	18575	1977.5		18550	1975.0
Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
15MHz	18075	1927.5	20MHz	18100	1930.0
	18300	1950.0		18300	1950.0
	18525	1972.5		18500	1970.0

LTE Band 3

Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
1.4MHz	19207	1710.7	5MHz	19225	1712.5
	19575	1747.5		19575	1747.5
	19943	1784.3		19925	1782.5
Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
10MHz	19250	1715.0	15MHz	19275	1717.5
	19575	1747.5		19575	1747.5
	19900	1780.0		19875	1777.5
Bandwidth	頻道	對應頻率 (MHz)			
20MHz	19300	1720.0			
	19575	1747.5			
	19850	1775.0			

LTE Band 7

Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
5MHz	20775	2502.5	10MHz	20800	2505.0
	21100	2535.0		21100	2535.0
	21425	2567.5		21400	2565.0
Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
15MHz	20825	2507.5	20MHz	20850	2510.0
	21100	2535		21100	2535.0
	21375	2562.5		21350	2560.0

LTE Band 28

Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
3MHz	27225	704.5	5MHz	27235	705.5
	27430	725.0		27430	725.0
	27645	746.5		27635	745.5
Bandwidth	頻道	對應頻率 (MHz)	Bandwidth	頻道	對應頻率 (MHz)
10MHz	27260	708.0	15MHz	27285	710.5
	27430	725.0		27430	725
	27610	743.0		27585	740.5
Bandwidth	頻道	對應頻率 (MHz)			
20MHz	27310	713.0			
	27430	725.0			
	27560	738.0			

*詳細之規格請參考使用說明書，產品的照片請參照 BV 報告編號: BDUM-WTW-P21040646-1。

2.2 輔助測試之週邊設備描述

此待測設備於受測時無須搭配一般用途之相關設備，故採獨立測試。

3. 發射功率

3.1 適用標準

(1) 有效輻射功率(Effective Radiated Power, ERP)

手持式行動臺限制為 1 瓦特(W)。

移動式行動臺限制為 2 瓦特(W)。

(2) 傳導輸出功率限制值

採 FDD 者：23 毫瓦分貝(dBm) +2.7/-3.2 分貝 (dB)。

採 TDD 者：23 毫瓦分貝(dBm) +2.7/-2.7 分貝 (dB)，但設備屬高功率用戶終端設備(High Power User Equipment, HPUE)者，其傳導輸出功率限制限制值為 26 dBm +2.7/-2.7 dB。

3.2 量測方法

- (1) 在正常條件下執行測試。
- (2) 量測時應使用解析頻寬設定為 1 MHz 以上的頻譜分析量測儀器執行量測，並選擇 Channel Power 模式執行。
- (3) 檢測頻道為低、中、高三個頻道，並分別對最低、5MHz 及最高之工作頻寬，依下表進行檢測。
- (4) 由 RF 輸出埠直接量測輸出功率。

頻道頻寬	下行結構	上行結構		
		調變方式	資源區塊分配	
			FDD	TDD
1.4MHz	行動台設備最大發射功率測試不適用	QPSK	1	1
1.4MHz		QPSK	5	5
3MHz		QPSK	1	1
3MHz		QPSK	4	4
5MHz		QPSK	1	1
5MHz		QPSK	8	8
10MHz		QPSK	1	1
10MHz		QPSK	12	12
15MHz		QPSK	1	1
15MHz		QPSK	16	16
20MHz		QPSK	1	1
20MHz		QPSK	18	18

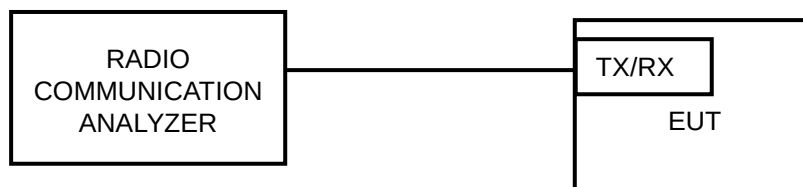
註：RB offset 設定值及應檢項目之測試方法，是參考 3GPP TS 36.521 技術標準規定。

3.3 量測儀器

Description & Band/ Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Radio Communication Analyzer extended TDD function Anritsu	MT8820C	6201127458	2021/3/19	2022/3/18

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

3.4 測試配置



3.5 量測結果

操作模式	發射	測試者	彭瀚淳
量測場地溫度	24℃	量測場地濕度	64%RH

LTE Band 1												
Channel Bandwidth	Modulation Type	Channel:		18025	18300	18575	Conducted Power Limit (dBm)	18025	18300	18575	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1922.5	1950	1977.5		1922.5	1950	1977.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
5MHz	QPSK	1	24	23.86	23.79	23.64	23 +2.7/-3.2	25.31	25.24	25.09	33.01	Pass
		1	12	24	23.81	24.1	23 +2.7/-3.2	25.45	25.26	25.55	33.01	Pass
		1	0	24.2	24.09	24.02	23 +2.7/-3.2	25.65	25.54	25.47	33.01	Pass
		8	0	24.08	23.87	24.04	23 +2.7/-3.2	25.53	25.32	25.49	33.01	Pass
		8	8	24.13	23.93	24.04	23 +2.7/-3.2	25.58	25.38	25.49	33.01	Pass
		8	16	24.05	24.02	23.98	23 +2.7/-3.2	25.5	25.47	25.43	33.01	Pass
	16QAM	1	24	22.76	22.83	22.8	23 +2.7/-3.2	24.21	24.28	24.25	33.01	Pass
		1	12	22.88	22.84	22.91	23 +2.7/-3.2	24.33	24.29	24.36	33.01	Pass
		1	0	22.76	23.16	22.79	23 +2.7/-3.2	24.21	24.61	24.24	33.01	Pass
		8	0	23.11	23.11	23.1	23 +2.7/-3.2	24.56	24.56	24.55	33.01	Pass
		8	8	23.06	23.17	23.04	23 +2.7/-3.2	24.51	24.62	24.49	33.01	Pass
		8	16	23.06	23.2	22.97	23 +2.7/-3.2	24.51	24.65	24.42	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		18050	18300	18550	Conducted Power Limit (dBm)	18050	18300	18550	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1925	1950	1975		1925	1950	1975		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
10MHz	QPSK	1	49	23.69	24.14	23.76	23 +2.7/-3.2	25.14	25.59	25.21	33.01	Pass
		1	24	23.97	24.14	24.41	23 +2.7/-3.2	25.42	25.59	25.86	33.01	Pass
		1	0	24.56	24.42	24.38	23 +2.7/-3.2	26.01	25.87	25.83	33.01	Pass
		12	0	23.82	23.96	24.12	23 +2.7/-3.2	25.27	25.41	25.57	33.01	Pass
		12	19	24	23.95	24.04	23 +2.7/-3.2	25.45	25.4	25.49	33.01	Pass
		12	38	23.85	23.92	24.15	23 +2.7/-3.2	25.3	25.37	25.6	33.01	Pass
	16QAM	1	49	22.67	22.65	22.7	23 +2.7/-3.2	24.12	24.1	24.15	33.01	Pass
		1	24	22.73	22.67	22.94	23 +2.7/-3.2	24.18	24.12	24.39	33.01	Pass
		1	0	22.88	22.59	22.77	23 +2.7/-3.2	24.33	24.04	24.22	33.01	Pass
		12	0	22.87	22.89	23	23 +2.7/-3.2	24.32	24.34	24.45	33.01	Pass
		12	19	23.04	22.95	23.06	23 +2.7/-3.2	24.49	24.4	24.51	33.01	Pass
		12	38	22.8	22.88	22.81	23 +2.7/-3.2	24.25	24.33	24.26	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		18075	18300	18525	Conducted Power Limit (dBm)	18075	18300	18525	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1927.5	1950	1972.5		1927.5	1950	1972.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
15MHz	QPSK	1	74	23.94	23.89	23.91	23 +2.7/-3.2	25.39	25.34	25.36	33.01	Pass
		1	37	24.15	23.86	24.18	23 +2.7/-3.2	25.6	25.31	25.63	33.01	Pass
		1	0	24.2	23.37	24.25	23 +2.7/-3.2	25.65	24.82	25.7	33.01	Pass
		16	0	23.93	23.85	23.9	23 +2.7/-3.2	25.38	25.3	25.35	33.01	Pass
		16	29	23.84	23.82	23.9	23 +2.7/-3.2	25.29	25.27	25.35	33.01	Pass
		16	58	23.8	23.73	23.86	23 +2.7/-3.2	25.25	25.18	25.31	33.01	Pass
	16QAM	1	74	22.64	22.63	22.69	23 +2.7/-3.2	24.09	24.08	24.14	33.01	Pass
		1	37	22.82	22.58	22.71	23 +2.7/-3.2	24.27	24.03	24.16	33.01	Pass
		1	0	22.61	22.49	22.74	23 +2.7/-3.2	24.06	23.94	24.19	33.01	Pass
		16	0	22.71	22.8	22.9	23 +2.7/-3.2	24.16	24.25	24.35	33.01	Pass
		16	29	22.99	22.94	23.1	23 +2.7/-3.2	24.44	24.39	24.55	33.01	Pass
		16	58	22.87	22.76	22.71	23 +2.7/-3.2	24.32	24.21	24.16	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		18100	18300	18500	Conducted Power Limit (dBm)	18100	18300	18500	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1930	1950	1970		1930	1950	1970		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
20MHz	QPSK	1	99	23.96	24.04	23.71	23 +2.7/-3.2	25.41	25.49	25.16	33.01	Pass
		1	50	24.34	24.33	24.44	23 +2.7/-3.2	25.79	25.78	25.89	33.01	Pass
		1	0	24.44	24.31	24.53	23 +2.7/-3.2	25.89	25.76	25.98	33.01	Pass
		18	0	24.04	23.97	23.99	23 +2.7/-3.2	25.49	25.42	25.44	33.01	Pass
		18	41	24.2	24.17	24.14	23 +2.7/-3.2	25.65	25.62	25.59	33.01	Pass
		18	81	24.22	23.96	23.96	23 +2.7/-3.2	25.67	25.41	25.41	33.01	Pass
	16QAM	1	99	22.96	22.86	22.83	23 +2.7/-3.2	24.41	24.31	24.28	33.01	Pass
		1	50	23.17	23.07	23.36	23 +2.7/-3.2	24.62	24.52	24.81	33.01	Pass
		1	0	22.95	22.77	22.62	23 +2.7/-3.2	24.4	24.22	24.07	33.01	Pass
		18	0	23.14	23	22.96	23 +2.7/-3.2	24.59	24.45	24.41	33.01	Pass
		18	41	23.22	23.02	23.3	23 +2.7/-3.2	24.67	24.47	24.75	33.01	Pass
		18	81	23.15	22.89	22.79	23 +2.7/-3.2	24.6	24.34	24.24	33.01	Pass
Note: ERP = Conducted (dBm) + Antenna gain (3.6 dBi) - 2.15 (dB)												

LTE Band 3												
Channel Bandwidth	Modulation Type	Channel:		19207	19575	19943	Conducted Power Limit (dBm)	19207	19575	19943	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1710.7	1747.5	1784.3		1710.7	1747.5	1784.3		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
1.4MHz	QPSK	5	0	23.74	23.8	24.12	23 +2.7/-3.2	25.19	25.25	25.57	33.01	Pass
		5	1	23.84	23.91	24.17	23 +2.7/-3.2	25.29	25.36	25.62	33.01	Pass
		1	0	24.22	24.39	24.36	23 +2.7/-3.2	25.67	25.84	25.81	33.01	Pass
		1	2	23.91	23.91	24.04	23 +2.7/-3.2	25.36	25.36	25.49	33.01	Pass
		1	5	23.8	23.77	23.78	23 +2.7/-3.2	25.25	25.22	25.23	33.01	Pass
	16QAM	5	0	22.76	22.78	23.07	23 +2.7/-3.2	24.21	24.23	24.52	33.01	Pass
		5	1	22.89	22.76	22.67	23 +2.7/-3.2	24.34	24.21	24.12	33.01	Pass
		1	0	22.65	22.51	22.67	23 +2.7/-3.2	24.1	23.96	24.12	33.01	Pass
		1	2	23.14	22.58	22.78	23 +2.7/-3.2	24.59	24.03	24.23	33.01	Pass
		1	5	23.05	22.59	22.74	23 +2.7/-3.2	24.5	24.04	24.19	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		19215	19575	19935	Conducted Power Limit (dBm)	19215	19575	19935	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1711.5	1747.5	1783.5		1711.5	1747.5	1783.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
3MHz	QPSK	1	14	23.95	23.71	24.01	23 +2.7/-3.2	25.4	25.16	25.46	33.01	Pass
		1	7	23.93	23.78	24.02	23 +2.7/-3.2	25.38	25.23	25.47	33.01	Pass
		1	0	24.27	24.28	24.39	23 +2.7/-3.2	25.72	25.73	25.84	33.01	Pass
		4	0	23.82	23.74	24.02	23 +2.7/-3.2	25.27	25.19	25.47	33.01	Pass
		4	5	23.96	23.86	24.09	23 +2.7/-3.2	25.41	25.31	25.54	33.01	Pass
		4	10	23.78	23.8	24.02	23 +2.7/-3.2	25.23	25.25	25.47	33.01	Pass
	16QAM	1	14	22.51	22.59	22.89	23 +2.7/-3.2	23.96	24.04	24.34	33.01	Pass
		1	7	22.31	22.56	22.85	23 +2.7/-3.2	23.76	24.01	24.3	33.01	Pass
		1	0	22.63	22.57	22.7	23 +2.7/-3.2	24.08	24.02	24.15	33.01	Pass
		4	0	22.67	22.73	22.75	23 +2.7/-3.2	24.12	24.18	24.2	33.01	Pass
		4	5	22.92	22.85	22.89	23 +2.7/-3.2	24.37	24.3	24.34	33.01	Pass
		4	10	22.76	22.9	23.12	23 +2.7/-3.2	24.21	24.35	24.57	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		19225	19575	19775	Conducted Power Limit (dBm)	19225	19575	19775	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1712.5	1747.5	1767.5		1712.5	1747.5	1767.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
5MHz	QPSK	1	24	23.78	23.72	23.53	23 +2.7/-3.2	25.23	25.17	24.98	33.01	Pass
		1	12	23.63	23.61	24.43	23 +2.7/-3.2	25.08	25.06	25.88	33.01	Pass
		1	0	24.55	24.47	23.65	23 +2.7/-3.2	26	25.92	25.1	33.01	Pass
		8	0	23.65	23.59	23.9	23 +2.7/-3.2	25.1	25.04	25.35	33.01	Pass
		8	8	23.64	23.68	23.98	23 +2.7/-3.2	25.09	25.13	25.43	33.01	Pass
		8	16	23.8	23.72	24	23 +2.7/-3.2	25.25	25.17	25.45	33.01	Pass
	16QAM	1	24	22.5	22.17	22.46	23 +2.7/-3.2	23.95	23.62	23.91	33.01	Pass
		1	12	22.33	22.44	22.64	23 +2.7/-3.2	23.78	23.89	24.09	33.01	Pass
		1	0	22.51	22.17	22.62	23 +2.7/-3.2	23.96	23.62	24.07	33.01	Pass
		8	0	22.69	22.73	22.71	23 +2.7/-3.2	24.14	24.18	24.16	33.01	Pass
		8	8	22.46	22.68	22.75	23 +2.7/-3.2	23.91	24.13	24.2	33.01	Pass
		8	16	22.78	22.89	22.97	23 +2.7/-3.2	24.23	24.34	24.42	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		19250	19575	19900	Conducted Power Limit (dBm)	19250	19575	19900	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1715	1747.5	1780		1715	1747.5	1780		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
10MHz	QPSK	1	49	23.64	23.71	23.94	23 +2.7/-3.2	25.09	25.16	25.39	33.01	Pass
		1	24	23.57	23.75	24.1	23 +2.7/-3.2	25.02	25.2	25.55	33.01	Pass
		1	0	24.42	24.32	24.48	23 +2.7/-3.2	25.87	25.77	25.93	33.01	Pass
		12	0	23.7	23.65	23.65	23 +2.7/-3.2	25.15	25.1	25.1	33.01	Pass
		12	19	23.89	23.66	23.8	23 +2.7/-3.2	25.34	25.11	25.25	33.01	Pass
		12	38	23.83	23.83	23.82	23 +2.7/-3.2	25.28	25.28	25.27	33.01	Pass
	16QAM	1	49	22.79	22.44	22.51	23 +2.7/-3.2	24.24	23.89	23.96	33.01	Pass
		1	24	22.56	22.47	22.48	23 +2.7/-3.2	24.01	23.92	23.93	33.01	Pass
		1	0	22.62	22.37	22.5	23 +2.7/-3.2	24.07	23.82	23.95	33.01	Pass
		12	0	22.64	22.64	22.63	23 +2.7/-3.2	24.09	24.09	24.08	33.01	Pass
		12	19	22.85	22.72	22.97	23 +2.7/-3.2	24.3	24.17	24.42	33.01	Pass
		12	38	22.81	22.68	22.82	23 +2.7/-3.2	24.26	24.13	24.27	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		19275	19575	19875	Conducted Power Limit (dBm)	19275	19575	19875	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1717.5	1747.5	1777.5		1717.5	1747.5	1777.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
15MHz	QPSK	1	74	23.61	23.84	23.7	23 +2.7/-3.2	25.06	25.29	25.15	33.01	Pass
		1	37	23.76	23.67	23.61	23 +2.7/-3.2	25.21	25.12	25.06	33.01	Pass
		1	0	24.22	24.35	24.57	23 +2.7/-3.2	25.67	25.8	26.02	33.01	Pass
		16	0	23.54	23.54	23.64	23 +2.7/-3.2	24.99	24.99	25.09	33.01	Pass
		16	29	23.69	23.59	23.66	23 +2.7/-3.2	25.14	25.04	25.11	33.01	Pass
		16	58	23.56	23.6	23.7	23 +2.7/-3.2	25.01	25.05	25.15	33.01	Pass
	16QAM	1	74	22.58	22.33	22.38	23 +2.7/-3.2	24.03	23.78	23.83	33.01	Pass
		1	37	22.52	22.45	22.44	23 +2.7/-3.2	23.97	23.9	23.89	33.01	Pass
		1	0	22.4	22.31	22.6	23 +2.7/-3.2	23.85	23.76	24.05	33.01	Pass
		16	0	22.39	22.49	22.78	23 +2.7/-3.2	23.84	23.94	24.23	33.01	Pass
		16	29	22.77	22.53	22.94	23 +2.7/-3.2	24.22	23.98	24.39	33.01	Pass
		16	58	22.7	22.84	22.81	23 +2.7/-3.2	24.15	24.29	24.26	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		19300	19575	19850	Conducted Power Limit (dBm)	19300	19575	19850	ERP Limit (dBm)	Test Result
		Frequency (MHz):		1720	1747.5	1775		1720	1747.5	1775		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
20MHz	QPSK	1	99	23.68	24.2	23.79	23 +2.7/-3.2	25.13	25.65	25.24	33.01	Pass
		1	50	24.13	23.82	23.69	23 +2.7/-3.2	25.58	25.27	25.14	33.01	Pass
		1	0	24.48	24.49	24.25	23 +2.7/-3.2	25.93	25.94	25.7	33.01	Pass
		18	0	23.63	23.67	23.94	23 +2.7/-3.2	25.08	25.12	25.39	33.01	Pass
		18	41	23.97	23.55	23.63	23 +2.7/-3.2	25.42	25	25.08	33.01	Pass
		18	81	23.76	23.84	23.7	23 +2.7/-3.2	25.21	25.29	25.15	33.01	Pass
	16QAM	1	99	22.52	22.76	22.53	23 +2.7/-3.2	23.97	24.21	23.98	33.01	Pass
		1	50	22.78	22.7	22.57	23 +2.7/-3.2	24.23	24.15	24.02	33.01	Pass
		1	0	22.34	22.92	23.02	23 +2.7/-3.2	23.79	24.37	24.47	33.01	Pass
		18	0	22.66	22.62	22.89	23 +2.7/-3.2	24.11	24.07	24.34	33.01	Pass
		18	41	22.97	22.57	22.68	23 +2.7/-3.2	24.42	24.02	24.13	33.01	Pass
		18	81	22.51	22.97	22.72	23 +2.7/-3.2	23.96	24.42	24.17	33.01	Pass
Note: ERP = Conducted (dBm) + Antenna gain (3.6 dBi) - 2.15 (dB)												

LTE Band 7												
Channel Bandwidth	Modulation Type	Channel:		20775	21100	21425	Conducted Power Limit (dBm)	20775	21100	21425	ERP Limit (dBm)	Test Result
		Frequency (MHz):		2502.5	2535	2567.5		2502.5	2535	2567.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
5MHz	QPSK	1	24	23.32	23.58	23.44	23 +2.7/-3.2	24.77	25.03	24.89	33.01	Pass
		1	12	23.78	23.73	23.82	23 +2.7/-3.2	25.23	25.18	25.27	33.01	Pass
		1	0	24.3	24.4	24.38	23 +2.7/-3.2	25.75	25.85	25.83	33.01	Pass
		8	0	23.64	23.55	23.75	23 +2.7/-3.2	25.09	25	25.2	33.01	Pass
		8	8	23.62	23.67	23.71	23 +2.7/-3.2	25.07	25.12	25.16	33.01	Pass
		8	16	23.61	23.77	23.71	23 +2.7/-3.2	25.06	25.22	25.16	33.01	Pass
	16QAM	1	24	22.36	22.41	22.61	23 +2.7/-3.2	23.81	23.86	24.06	33.01	Pass
		1	12	22.38	22.21	22.62	23 +2.7/-3.2	23.83	23.66	24.07	33.01	Pass
		1	0	22.64	22.34	22.54	23 +2.7/-3.2	24.09	23.79	23.99	33.01	Pass
		8	0	22.78	22.7	22.79	23 +2.7/-3.2	24.23	24.15	24.24	33.01	Pass
		8	8	22.78	22.7	22.74	23 +2.7/-3.2	24.23	24.15	24.19	33.01	Pass
		8	16	22.6	22.83	22.83	23 +2.7/-3.2	24.05	24.28	24.28	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		20800	21100	21400	Conducted Power Limit (dBm)	20800	21100	21400	ERP Limit (dBm)	Test Result
		Frequency (MHz):		2505	2535	2565		2505	2535	2565		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
10MHz	QPSK	1	49	23.45	23.51	23.69	23 +2.7/-3.2	24.9	24.96	25.14	33.01	Pass
		1	24	23.53	23.73	23.89	23 +2.7/-3.2	24.98	25.18	25.34	33.01	Pass
		1	0	24.48	24.35	24.54	23 +2.7/-3.2	25.93	25.8	25.99	33.01	Pass
		12	0	23.68	23.56	23.88	23 +2.7/-3.2	25.13	25.01	25.33	33.01	Pass
		12	19	23.64	23.68	23.9	23 +2.7/-3.2	25.09	25.13	25.35	33.01	Pass
		12	38	23.55	23.64	23.72	23 +2.7/-3.2	25	25.09	25.17	33.01	Pass
	16QAM	1	49	22.51	22.59	22.69	23 +2.7/-3.2	23.96	24.04	24.14	33.01	Pass
		1	24	22.71	22.55	22.73	23 +2.7/-3.2	24.16	24	24.18	33.01	Pass
		1	0	22.52	22.57	22.57	23 +2.7/-3.2	23.97	24.02	24.02	33.01	Pass
		12	0	22.75	22.66	22.78	23 +2.7/-3.2	24.2	24.11	24.23	33.01	Pass
		12	19	22.62	22.75	22.98	23 +2.7/-3.2	24.07	24.2	24.43	33.01	Pass
		12	38	22.61	22.69	22.67	23 +2.7/-3.2	24.06	24.14	24.12	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		20825	21100	21375	Conducted Power Limit (dBm)	20825	21100	21375	ERP Limit (dBm)	Test Result
		Frequency (MHz):		2507.5	2535	2562.5		2507.5	2535	2562.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
15MHz	QPSK	1	74	23.36	23.6	23.78	23 +2.7/-3.2	24.81	25.05	25.23	33.01	Pass
		1	37	23.39	23.65	24.21	23 +2.7/-3.2	24.84	25.1	25.66	33.01	Pass
		1	0	24.43	24.3	24.39	23 +2.7/-3.2	25.88	25.75	25.84	33.01	Pass
		16	0	23.6	23.53	23.53	23 +2.7/-3.2	25.05	24.98	24.98	33.01	Pass
		16	29	23.49	23.64	23.81	23 +2.7/-3.2	24.94	25.09	25.26	33.01	Pass
		16	58	23.45	23.61	23.7	23 +2.7/-3.2	24.9	25.06	25.15	33.01	Pass
	16QAM	1	74	22.4	22.61	22.76	23 +2.7/-3.2	23.85	24.06	24.21	33.01	Pass
		1	37	22.33	22.47	22.69	23 +2.7/-3.2	23.78	23.92	24.14	33.01	Pass
		1	0	22.51	22.38	22.46	23 +2.7/-3.2	23.96	23.83	23.91	33.01	Pass
		16	0	22.61	22.54	22.53	23 +2.7/-3.2	24.06	23.99	23.98	33.01	Pass
		16	29	22.44	22.83	22.93	23 +2.7/-3.2	23.89	24.28	24.38	33.01	Pass
		16	58	22.44	22.6	22.84	23 +2.7/-3.2	23.89	24.05	24.29	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		20850	21100	21350	Conducted Power Limit (dBm)	20850	21100	21350	ERP Limit (dBm)	Test Result
		Frequency (MHz):		2510	2535	2560		2510	2535	2560		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
20MHz	QPSK	1	99	23.23	23.5	23.96	23 +2.7/-3.2	24.68	24.95	25.41	33.01	Pass
		1	50	23.46	24.06	23.97	23 +2.7/-3.2	24.91	25.51	25.42	33.01	Pass
		1	0	24.32	24.13	24.34	23 +2.7/-3.2	25.77	25.58	25.79	33.01	Pass
		18	0	23.6	23.49	23.53	23 +2.7/-3.2	25.05	24.94	24.98	33.01	Pass
		18	41	23.59	23.67	23.73	23 +2.7/-3.2	25.04	25.12	25.18	33.01	Pass
		18	81	23.48	23.67	23.74	23 +2.7/-3.2	24.93	25.12	25.19	33.01	Pass
	16QAM	1	99	22.55	22.7	22.68	23 +2.7/-3.2	24	24.15	24.13	33.01	Pass
		1	50	22.51	22.75	22.61	23 +2.7/-3.2	23.96	24.2	24.06	33.01	Pass
		1	0	22.51	22.5	22.67	23 +2.7/-3.2	23.96	23.95	24.12	33.01	Pass
		18	0	22.67	22.64	22.63	23 +2.7/-3.2	24.12	24.09	24.08	33.01	Pass
		18	41	22.39	22.88	22.97	23 +2.7/-3.2	23.84	24.33	24.42	33.01	Pass
		18	81	22.52	22.47	22.86	23 +2.7/-3.2	23.97	23.92	24.31	33.01	Pass
Note: ERP = Conducted (dBm) + Antenna gain (3.6 dBi) - 2.15 (dB)												

LTE Band 28												
Channel Bandwidth	Modulation Type	Channel:		27225	27435	27645	Conducted Power Limit (dBm)	27225	27435	27645	ERP Limit (dBm)	Test Result
		Frequency (MHz):		704.5	725.5	746.5		704.5	725.5	746.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
3MHz	QPSK	1	14	24.1	23.84	24.14	23 +2.7/-3.2	22.31	22.05	22.35	33.01	Pass
		1	7	24.24	24.06	24.11	23 +2.7/-3.2	22.45	22.27	22.32	33.01	Pass
		1	0	24.43	24.18	23.96	23 +2.7/-3.2	22.64	22.39	22.17	33.01	Pass
		4	0	24.16	24.07	24.09	23 +2.7/-3.2	22.37	22.28	22.3	33.01	Pass
		4	5	23.98	24.16	24.14	23 +2.7/-3.2	22.19	22.37	22.35	33.01	Pass
		4	10	24.03	24.06	24.11	23 +2.7/-3.2	22.24	22.27	22.32	33.01	Pass
	16QAM	1	14	22.93	22.85	22.94	23 +2.7/-3.2	21.14	21.06	21.15	33.01	Pass
		1	7	22.93	22.97	22.74	23 +2.7/-3.2	21.14	21.18	20.95	33.01	Pass
		1	0	22.79	22.86	22.86	23 +2.7/-3.2	21	21.07	21.07	33.01	Pass
		4	0	23.2	22.88	22.9	23 +2.7/-3.2	21.41	21.09	21.11	33.01	Pass
		4	5	23.12	23.03	23.03	23 +2.7/-3.2	21.33	21.24	21.24	33.01	Pass
		4	10	23.01	23.24	23.09	23 +2.7/-3.2	21.22	21.45	21.3	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		27235	27435	27635	Conducted Power Limit (dBm)	27235	27435	27635	ERP Limit (dBm)	Test Result
		Frequency (MHz):		705.5	725.5	745.5		705.5	725.5	745.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
5MHz	QPSK	1	24	23.79	23.79	23.98	23 +2.7/-3.2	22	22	22.19	33.01	Pass
		1	12	24.23	24.09	23.98	23 +2.7/-3.2	22.44	22.3	22.19	33.01	Pass
		1	0	24.31	24.21	24.39	23 +2.7/-3.2	22.52	22.42	22.6	33.01	Pass
		8	0	24.05	24	23.97	23 +2.7/-3.2	22.26	22.21	22.18	33.01	Pass
		8	8	24.02	24.02	24.07	23 +2.7/-3.2	22.23	22.23	22.28	33.01	Pass
		8	16	24.11	24.16	24.09	23 +2.7/-3.2	22.32	22.37	22.3	33.01	Pass
	16QAM	1	24	22.94	22.88	22.86	23 +2.7/-3.2	21.15	21.09	21.07	33.01	Pass
		1	12	22.71	22.8	22.73	23 +2.7/-3.2	20.92	21.01	20.94	33.01	Pass
		1	0	22.73	22.58	22.64	23 +2.7/-3.2	20.94	20.79	20.85	33.01	Pass
		8	0	22.88	22.97	22.95	23 +2.7/-3.2	21.09	21.18	21.16	33.01	Pass
		8	8	22.94	23.11	23.09	23 +2.7/-3.2	21.15	21.32	21.3	33.01	Pass
		8	16	22.93	23.25	23.11	23 +2.7/-3.2	21.14	21.46	21.32	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		27260	27435	27610	Conducted Power Limit (dBm)	27260	27435	27610	ERP Limit (dBm)	Test Result
		Frequency (MHz):		708	725.5	743		708	725.5	743		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
10MHz	QPSK	1	49	23.95	23.93	23.91	23 +2.7/-3.2	22.16	22.14	22.12	33.01	Pass
		1	24	24.02	24.22	23.95	23 +2.7/-3.2	22.23	22.43	22.16	33.01	Pass
		1	0	24.37	24.25	24.31	23 +2.7/-3.2	22.58	22.46	22.52	33.01	Pass
		12	0	24.07	24.15	24.11	23 +2.7/-3.2	22.28	22.36	22.32	33.01	Pass
		12	19	24.14	24.21	24.25	23 +2.7/-3.2	22.35	22.42	22.46	33.01	Pass
		12	38	24.12	24.21	24.06	23 +2.7/-3.2	22.33	22.42	22.27	33.01	Pass
	16QAM	1	49	22.78	23.03	22.85	23 +2.7/-3.2	20.99	21.24	21.06	33.01	Pass
		1	24	22.25	22.96	22.75	23 +2.7/-3.2	20.46	21.17	20.96	33.01	Pass
		1	0	23.2	22.75	22.67	23 +2.7/-3.2	21.41	20.96	20.88	33.01	Pass
		12	0	22.87	23.09	22.98	23 +2.7/-3.2	21.08	21.3	21.19	33.01	Pass
		12	19	23.03	23.27	23.12	23 +2.7/-3.2	21.24	21.48	21.33	33.01	Pass
		12	38	22.99	23.08	23.02	23 +2.7/-3.2	21.2	21.29	21.23	33.01	Pass
Channel Bandwidth	Modulation Type	Channel:		27285	27435	27585	Conducted Power Limit (dBm)	27285	27435	27585	ERP Limit (dBm)	Test Result
		Frequency (MHz):		710.5	725.5	740.5		710.5	725.5	740.5		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
15MHz	QPSK	1	74	24.03	24.18	23.83	23 +2.7/-3.2	22.24	22.39	22.04	33.01	Pass
		1	37	24.05	24.15	23.81	23 +2.7/-3.2	22.26	22.36	22.02	33.01	Pass
		1	0	24.34	24.33	24.32	23 +2.7/-3.2	22.55	22.54	22.53	33.01	Pass
		16	0	23.97	23.92	23.87	23 +2.7/-3.2	22.18	22.13	22.08	33.01	Pass
		16	29	23.98	24.12	24.06	23 +2.7/-3.2	22.19	22.33	22.27	33.01	Pass
		16	58	24.08	24.1	24.04	23 +2.7/-3.2	22.29	22.31	22.25	33.01	Pass
	16QAM	1	74	22.95	22.98	23.02	23 +2.7/-3.2	21.16	21.19	21.23	33.01	Pass
		1	37	22.85	22.92	22.78	23 +2.7/-3.2	21.06	21.13	20.99	33.01	Pass
		1	0	22.56	22.65	22.66	23 +2.7/-3.2	20.77	20.86	20.87	33.01	Pass
		16	0	23	22.7	22.81	23 +2.7/-3.2	21.21	20.91	21.02	33.01	Pass
		16	29	22.81	23.28	23.23	23 +2.7/-3.2	21.02	21.49	21.44	33.01	Pass
		16	58	23.19	23.15	22.97	23 +2.7/-3.2	21.4	21.36	21.18	33.01	Pass

Channel Bandwidth	Modulation Type	Channel:		27310	27435	27560	Conducted Power Limit (dBm)	27310	27435	27560	ERP Limit (dBm)	Test Result
		Frequency (MHz):		713	725.5	738		713	725.5	738		
		RB Size	RB Offset	Conducted Output Power (dBm)				ERP (dBm)				
20MHz	QPSK	1	99	23.67	23.83	24.18	23 +2.7/-3.2	21.88	22.04	22.39	33.01	Pass
		1	50	23.94	24.08	24.33	23 +2.7/-3.2	22.15	22.29	22.54	33.01	Pass
		1	0	24.35	24.4	24.49	23 +2.7/-3.2	22.56	22.61	22.7	33.01	Pass
		18	0	23.8	23.87	23.8	23 +2.7/-3.2	22.01	22.08	22.01	33.01	Pass
		18	41	24	24.03	24.05	23 +2.7/-3.2	22.21	22.24	22.26	33.01	Pass
		18	81	24	24.05	23.96	23 +2.7/-3.2	22.21	22.26	22.17	33.01	Pass
	16QAM	1	99	22.79	22.85	22.83	23 +2.7/-3.2	21	21.06	21.04	33.01	Pass
		1	50	22.87	22.97	22.97	23 +2.7/-3.2	21.08	21.18	21.18	33.01	Pass
		1	0	22.51	22.59	22.65	23 +2.7/-3.2	20.72	20.8	20.86	33.01	Pass
		18	0	22.83	22.9	22.91	23 +2.7/-3.2	21.04	21.11	21.12	33.01	Pass
		18	41	23.02	22.89	23.18	23 +2.7/-3.2	21.23	21.1	21.39	33.01	Pass
		18	81	23.09	22.98	22.79	23 +2.7/-3.2	21.3	21.19	21	33.01	Pass
Note: ERP = Conducted (dBm) + Antenna gain (0.36 dBi) - 2.15 (dB)												

4. 發射頻譜波罩

4.1 適用標準

須符合下列表之規範值。

頻譜波罩規範值(表一)

頻帶頻寬 Δf_{OOB} (MHz)	發射限制值(dB)						
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz	解析頻寬
± 0 to 1	-8.5	-11.5	-13.5	-16.5	-18.5	-19.5	30kHz
± 1 to 2.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	1MHz
± 2.5 to 2.8	-23.5	-8.5	-8.5	-8.5	-8.5	-8.5	1MHz
± 2.8 to 5		-8.5	-8.5	-8.5	-8.5	-8.5	1MHz
± 5 to 6		-23.5	-11.5	-11.5	-11.5	-11.5	1MHz
± 6 to 10			-23.5	-11.5	-11.5	-11.5	1MHz
± 10 to 15				-23.5	-11.5	-11.5	1MHz
± 15 to 20					-23.5	-11.5	1MHz
± 20 to 25						-23.5	1MHz

註： Δf_{OOB} 是發射頻帶外之頻率偏移量 (Δ Frequency of Out-of-band emission)

4.2 量測方法

- (1) 在正常條件下執行測試，量測方式參考 3GPP TS 36 521-1, table 6.6.2.1.4.1-1。
- (2) 頻譜波罩限制值依頻道頻寬及 Δf_{OOB} 而不同，量測時之解析頻寬不小於下表設定值。
- (3) 檢測頻道為低、中、高三個頻道，對最低、5MHz、10MHz 及最高的工作頻寬之最大調變級數發射模式分別檢測。
- (4) 儀器之解析頻寬須大於等於量測頻寬。若當解析頻寬小於量測頻寬時，需設定能涵蓋信號頻寬的積分範圍以確保雜訊頻寬能和量測頻寬相當。
- (5) 偵測器模式：true RMS voltage 或 true average power。
- (6) 依據規範訂定之量測頻寬進行測量，並注意發射信號頻譜波形是否超出頻譜波罩規範值。

頻道頻寬	下行結構	上行結構		
		調變方式	資源區塊分配	
			FDD	TDD
1.4MHz	頻譜波單測試不適用	QPSK	6	6
1.4MHz		QPSK	5	5
1.4MHz		16QAM	5	5
1.4MHz		16QAM	6	6
3MHz		QPSK	15	15
3MHz		QPSK	4	4
3MHz		16QAM	4	4
3MHz		16QAM	15	15
5MHz		QPSK	25	25
5MHz		QPSK	8	8
5MHz		16QAM	8	8
5MHz		16QAM	25	25
10MHz		QPSK	50	50
10MHz		QPSK	12	12
10MHz		16QAM	12	12
10MHz		16QAM	50(註一)	50(註一)
15MHz		QPSK	75	75
15MHz		QPSK	16	16
15MHz		16QAM	16	16
15MHz		16QAM	75(註一)	75(註一)
20MHz		QPSK	100	100
20MHz		QPSK	18	18
20MHz		16QAM	18	18
20MHz		16QAM	100(註一)	100(註一)

註：

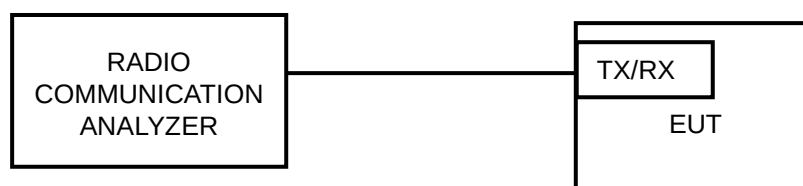
- 一、僅適用於用戶設備類別(UE-Categories) ≥2。
- 二、RB offset 設定值及應檢項目之測試方法參考 3GPP TS 36.521 技術標準規定。

4.3 量測儀器

Description & Band/Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Radio Communication Analyzer extended TDD fuction Anritsu	MT8820C	6201127458	2021/3/19	2022/3/18

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

4.4 測試配置



4.5 量測結果

操作模式	發射	測試者	彭瀚淳
量測場地溫度	24°C	量測場地濕度	64%RH

LTE Band 1

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18025	1922.5	QPSK	PRB#0	-0 to 1	-0.02	-21.36	-13.5	-7.86	Pass
				-1 to 5	-1.5	-22.84	-8.5	-14.34	Pass
				-5 to 6	-5.5	-37.25	-11.5	-25.75	Pass
				-6 to 10	-8.5	-37.84	-23.5	-14.34	Pass
				+0 to 1	0.02	-42.62	-13.5	-29.12	Pass
				+1 to 5	4.5	-25.52	-8.5	-17.02	Pass
				+5 to 6	5.5	-37.75	-11.5	-26.25	Pass
				+6 to 10	6.5	-37.55	-23.5	-14.05	Pass
			PRB#Max	-0 to 1	-0.02	-45.2	-13.5	-31.7	Pass
				-1 to 5	-1.5	-28.8	-8.5	-20.3	Pass
				-5 to 6	-5.5	-38.47	-11.5	-26.97	Pass
				-6 to 10	-6.5	-38.5	-23.5	-15	Pass
				+0 to 1	0.02	-22.38	-13.5	-8.88	Pass
				+1 to 5	1.5	-24.88	-8.5	-16.38	Pass
				+5 to 6	5.5	-37.24	-11.5	-25.74	Pass
				+6 to 10	8.5	-37.51	-23.5	-14.01	Pass
			FRB	-0 to 1	-0.02	-28.91	-13.5	-15.41	Pass
				-1 to 5	-1.5	-18.13	-8.5	-9.63	Pass
				-5 to 6	-5.5	-33.33	-11.5	-21.83	Pass
				-6 to 10	-7.5	-33.99	-23.5	-10.49	Pass
				+0 to 1	0.02	-28.54	-13.5	-15.04	Pass
				+1 to 5	1.5	-19.01	-8.5	-10.51	Pass
				+5 to 6	5.5	-33.72	-11.5	-22.22	Pass
				+6 to 10	7.5	-33.76	-23.5	-10.26	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18025	1922.5	16 QAM	PRB#0	-0 to 1	-0.02	-24.08	-13.5	-10.58	Pass
				-1 to 5	-1.5	-25.67	-8.5	-17.17	Pass
				-5 to 6	-5.5	-37.81	-11.5	-26.31	Pass
				- 6 to 10	-8.5	-38.33	-23.5	-14.83	Pass
				+0 to 1	0.02	-44.76	-13.5	-31.26	Pass
				+1 to 5	4.5	-27.84	-8.5	-19.34	Pass
				+5 to 6	5.5	-37.8	-11.5	-26.3	Pass
				+6 to 10	6.5	-37.58	-23.5	-14.08	Pass
			PRB#Max	-0 to 1	-0.05	-46.89	-13.5	-33.39	Pass
				-1 to 5	-4.5	-30.46	-8.5	-21.96	Pass
				-5 to 6	-5.5	-38.6	-11.5	-27.1	Pass
				- 6 to 10	-6.5	-38.61	-23.5	-15.11	Pass
				+0 to 1	0.02	-24.33	-13.5	-10.83	Pass
				+1 to 5	1.5	-26.39	-8.5	-17.89	Pass
				+5 to 6	5.5	-37.57	-11.5	-26.07	Pass
				+6 to 10	8.5	-37.56	-23.5	-14.06	Pass
			FRB	-0 to 1	-0.02	-28.96	-13.5	-15.46	Pass
				-1 to 5	-1.5	-19.03	-8.5	-10.53	Pass
				-5 to 6	-5.5	-33.79	-11.5	-22.29	Pass
				- 6 to 10	-6.5	-35.14	-23.5	-11.64	Pass
				+0 to 1	0.02	-30.32	-13.5	-16.82	Pass
				+1 to 5	1.5	-20.35	-8.5	-11.85	Pass
				+5 to 6	5.5	-33.86	-11.5	-22.36	Pass
				+6 to 10	6.5	-34.56	-23.5	-11.06	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	QPSK	PRB#0	-0 to 1	-0.02	-26.8	-13.5	-13.3	Pass
				-1 to 5	-1.5	-25.29	-8.5	-16.79	Pass
				-5 to 6	-5.5	-37.56	-11.5	-26.06	Pass
				- 6 to 10	-8.5	-37.95	-23.5	-14.45	Pass
				+0 to 1	0.02	-40.42	-13.5	-26.92	Pass
				+1 to 5	1.5	-22.52	-8.5	-14.02	Pass
				+5 to 6	5.5	-37.69	-11.5	-26.19	Pass
				+6 to 10	6.5	-37.49	-23.5	-13.99	Pass
			PRB#Max	-0 to 1	-0.14	-42.63	-13.5	-29.13	Pass
				-1 to 5	-1.5	-25.69	-8.5	-17.19	Pass
				-5 to 6	-5.5	-38.5	-11.5	-27	Pass
				- 6 to 10	-6.5	-38.55	-23.5	-15.05	Pass
				+0 to 1	0.02	-26.74	-13.5	-13.24	Pass
				+1 to 5	1.5	-25.66	-8.5	-17.16	Pass
				+5 to 6	5.5	-36.89	-11.5	-25.39	Pass
				+6 to 10	8.5	-37.26	-23.5	-13.76	Pass
			FRB	-0 to 1	-0.02	-31.83	-13.5	-18.33	Pass
				-1 to 5	-1.5	-25.02	-8.5	-16.52	Pass
				-5 to 6	-5.5	-33.07	-11.5	-21.57	Pass
				- 6 to 10	-6.5	-33	-23.5	-9.5	Pass
				+0 to 1	0.02	-31.72	-13.5	-18.22	Pass
				+1 to 5	1.5	-24.99	-8.5	-16.49	Pass
				+5 to 6	5.5	-32.43	-11.5	-20.93	Pass
				+6 to 10	6.5	-32.22	-23.5	-8.72	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	16 QAM	PRB#0	-0 to 1	-0.02	-29.91	-13.5	-16.41	Pass
				-1 to 5	-1.5	-26.55	-8.5	-18.05	Pass
				-5 to 6	-5.5	-37.93	-11.5	-26.43	Pass
				- 6 to 10	-8.5	-38.08	-23.5	-14.58	Pass
				+0 to 1	0.05	-41.75	-13.5	-28.25	Pass
				+1 to 5	1.5	-23.99	-8.5	-15.49	Pass
				+5 to 6	5.5	-37.92	-11.5	-26.42	Pass
				+6 to 10	6.5	-37.48	-23.5	-13.98	Pass
			PRB#Max	-0 to 1	-0.02	-44.61	-13.5	-31.11	Pass
				-1 to 5	-1.5	-27.49	-8.5	-18.99	Pass
				-5 to 6	-5.5	-38.39	-11.5	-26.89	Pass
				- 6 to 10	-6.5	-38.57	-23.5	-15.07	Pass
				+0 to 1	0.02	-28.14	-13.5	-14.64	Pass
				+1 to 5	1.5	-26.39	-8.5	-17.89	Pass
				+5 to 6	5.5	-37.21	-11.5	-25.71	Pass
				+6 to 10	8.5	-37.5	-23.5	-14	Pass
			FRB	-0 to 1	-0.02	-33.06	-13.5	-19.56	Pass
				-1 to 5	-1.5	-25.06	-8.5	-16.56	Pass
				-5 to 6	-5.5	-33.66	-11.5	-22.16	Pass
				- 6 to 10	-6.5	-34.45	-23.5	-10.95	Pass
				+0 to 1	0.02	-33.47	-13.5	-19.97	Pass
				+1 to 5	1.5	-26.07	-8.5	-17.57	Pass
				+5 to 6	5.5	-32.86	-11.5	-21.36	Pass
				+6 to 10	6.5	-33.5	-23.5	-10	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18575	1977.5	QPSK	PRB#0	-0 to 1	-0.02	-24.53	-13.5	-11.03	Pass
				-1 to 5	-1.5	-24.25	-8.5	-15.75	Pass
				-5 to 6	-5.5	-36.95	-11.5	-25.45	Pass
				- 6 to 10	-8.5	-37.72	-23.5	-14.22	Pass
				+0 to 1	0.02	-41.74	-13.5	-28.24	Pass
				+1 to 5	1.5	-24.77	-8.5	-16.27	Pass
				+5 to 6	5.5	-37.73	-11.5	-26.23	Pass
				+6 to 10	6.5	-37.48	-23.5	-13.98	Pass
			PRB#Max	-0 to 1	-0.02	-42.5	-13.5	-29	Pass
				-1 to 5	-1.5	-26.29	-8.5	-17.79	Pass
				-5 to 6	-5.5	-38.19	-11.5	-26.69	Pass
				- 6 to 10	-6.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.02	-25.69	-13.5	-12.19	Pass
				+1 to 5	1.5	-24.65	-8.5	-16.15	Pass
				+5 to 6	5.5	-35.54	-11.5	-24.04	Pass
				+6 to 10	8.5	-36.67	-23.5	-13.17	Pass
			FRB	-0 to 1	-0.02	-31.48	-13.5	-17.98	Pass
				-1 to 5	-1.5	-21.72	-8.5	-13.22	Pass
				-5 to 6	-5.5	-30.92	-11.5	-19.42	Pass
				- 6 to 10	-7.5	-31.07	-23.5	-7.57	Pass
				+0 to 1	0.02	-30.42	-13.5	-16.92	Pass
				+1 to 5	1.5	-23.08	-8.5	-14.58	Pass
				+5 to 6	5.5	-31.83	-11.5	-20.33	Pass
				+6 to 10	6.5	-32.46	-23.5	-8.96	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
18575	1977.5	16 QAM	PRB#0	-0 to 1	-0.02	-26.32	-13.5	-12.82	Pass
				-1 to 5	-1.5	-25.68	-8.5	-17.18	Pass
				-5 to 6	-5.5	-37.44	-11.5	-25.94	Pass
				- 6 to 10	-8.5	-37.99	-23.5	-14.49	Pass
				+0 to 1	0.05	-43.62	-13.5	-30.12	Pass
				+1 to 5	1.5	-26.31	-8.5	-17.81	Pass
				+5 to 6	5.5	-37.71	-11.5	-26.21	Pass
				+6 to 10	9.5	-37.53	-23.5	-14.03	Pass
			PRB#Max	-0 to 1	-0.02	-44.11	-13.5	-30.61	Pass
				-1 to 5	-1.5	-26.95	-8.5	-18.45	Pass
				-5 to 6	-5.5	-38.23	-11.5	-26.73	Pass
				- 6 to 10	-6.5	-38.46	-23.5	-14.96	Pass
				+0 to 1	0.02	-27.2	-13.5	-13.7	Pass
				+1 to 5	1.5	-26.05	-8.5	-17.55	Pass
				+5 to 6	5.5	-36.94	-11.5	-25.44	Pass
				+6 to 10	8.5	-37.26	-23.5	-13.76	Pass
			FRB	-0 to 1	-0.02	-31.41	-13.5	-17.91	Pass
				-1 to 5	-1.5	-22.82	-8.5	-14.32	Pass
				-5 to 6	-5.5	-31.41	-11.5	-19.91	Pass
				- 6 to 10	-6.5	-32.43	-23.5	-8.93	Pass
				+0 to 1	0.02	-33.15	-13.5	-19.65	Pass
				+1 to 5	1.5	-24.77	-8.5	-16.27	Pass
				+5 to 6	5.5	-32.48	-11.5	-20.98	Pass
				+6 to 10	6.5	-33.54	-23.5	-10.04	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18050	1925	QPSK	PRB#0	-0 to 1	-0.02	-24.88	-16.5	-8.38	Pass
				-1 to 5	-4.5	-19.92	-8.5	-11.42	Pass
				-5 to 10	-5.5	-31.53	-11.5	-20.03	Pass
				- 10 to 15	-10.5	-37.61	-23.5	-14.11	Pass
				+0 to 1	0.02	-49.04	-16.5	-32.54	Pass
				+1 to 5	1.5	-28.64	-8.5	-20.14	Pass
				+5 to10	7.5	-28.19	-8.5	-19.69	Pass
				+10 to 15	10.5	-37.77	-23.5	-14.27	Pass
			PRB#Max	-0 to 1	-0.05	-48.74	-16.5	-32.24	Pass
				-1 to 5	-1.5	-30.42	-8.5	-21.92	Pass
				-5 to 10	-8.5	-30.2	-11.5	-18.7	Pass
				- 10 to 15	-10.5	-37.76	-23.5	-14.26	Pass
				+0 to 1	0.02	-26.16	-16.5	-9.66	Pass
				+1 to 5	1.5	-22.25	-8.5	-13.75	Pass
				+5 to10	5.5	-32.1	-8.5	-23.6	Pass
				+10 to 15	10.5	-37.65	-23.5	-14.15	Pass
			FRB	-0 to 1	-0.02	-31.18	-16.5	-14.68	Pass
				-1 to 5	-1.5	-18.9	-8.5	-10.4	Pass
				-5 to 10	-5.5	-23.6	-11.5	-12.1	Pass
				- 10 to 15	-10.5	-34.74	-23.5	-11.24	Pass
				+0 to 1	0.02	-32.54	-16.5	-16.04	Pass
				+1 to 5	1.5	-21.13	-8.5	-12.63	Pass
				+5 to10	5.5	-26.54	-8.5	-18.04	Pass
				+10 to 15	10.5	-35.14	-23.5	-11.64	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18050	1925	16 QAM	PRB#0	-0 to 1	-0.02	-25.87	-16.5	-9.37	Pass
				-1 to 5	-4.5	-22.29	-8.5	-13.79	Pass
				-5 to 10	-5.5	-32.59	-11.5	-21.09	Pass
				-10 to 15	-10.5	-37.8	-23.5	-14.3	Pass
				+0 to 1	0.05	-50.56	-16.5	-34.06	Pass
				+1 to 5	1.5	-29.69	-8.5	-21.19	Pass
				+5 to 10	6.5	-29.36	-8.5	-20.86	Pass
				+10 to 15	10.5	-37.68	-23.5	-14.18	Pass
			PRB#Max	-0 to 1	-0.2	-50.7	-16.5	-34.2	Pass
				-1 to 5	-1.5	-30.89	-8.5	-22.39	Pass
				-5 to 10	-8.5	-30.51	-11.5	-19.01	Pass
				-10 to 15	-10.5	-37.7	-23.5	-14.2	Pass
				+0 to 1	0.02	-28.75	-16.5	-12.25	Pass
				+1 to 5	1.5	-24.89	-8.5	-16.39	Pass
				+5 to 10	5.5	-34.73	-8.5	-26.23	Pass
				+10 to 15	10.5	-37.6	-23.5	-14.1	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	QPSK	PRB#0	-0 to 1	-0.02	-30.85	-16.5	-14.35	Pass
				-1 to 5	-1.5	-25.66	-8.5	-17.16	Pass
				-5 to 10	-5.5	-33.28	-11.5	-21.78	Pass
				- 10 to 15	-10.5	-37.3	-23.5	-13.8	Pass
				+0 to 1	0.08	-48.84	-16.5	-32.34	Pass
				+1 to 5	1.5	-26.61	-8.5	-18.11	Pass
				+5 to10	5.5	-25.99	-8.5	-17.49	Pass
				+10 to 15	10.5	-37.67	-23.5	-14.17	Pass
			PRB#Max	-0 to 1	-0.05	-50.2	-16.5	-33.7	Pass
				-1 to 5	-1.5	-29.5	-8.5	-21	Pass
				-5 to 10	-8.5	-29.01	-11.5	-17.51	Pass
				- 10 to 15	-10.5	-37.69	-23.5	-14.19	Pass
				+0 to 1	0.02	-29.67	-16.5	-13.17	Pass
				+1 to 5	1.5	-25.58	-8.5	-17.08	Pass
				+5 to10	5.5	-32.9	-8.5	-24.4	Pass
				+10 to 15	10.5	-36.85	-23.5	-13.35	Pass
			FRB	-0 to 1	-0.02	-35.82	-16.5	-19.32	Pass
				-1 to 5	-1.5	-25.68	-8.5	-17.18	Pass
				-5 to 10	-5.5	-29.49	-11.5	-17.99	Pass
				- 10 to 15	-10.5	-34.66	-23.5	-11.16	Pass
				+0 to 1	0.02	-36.57	-16.5	-20.07	Pass
				+1 to 5	1.5	-26.79	-8.5	-18.29	Pass
				+5 to10	5.5	-29.05	-8.5	-20.55	Pass
				+10 to 15	10.5	-34.01	-23.5	-10.51	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	16 QAM	PRB#0	-0 to 1	-0.02	-33.32	-16.5	-16.82	Pass
				-1 to 5	-1.5	-27.28	-8.5	-18.78	Pass
				-5 to 10	-5.5	-35.02	-11.5	-23.52	Pass
				- 10 to 15	-10.5	-37.54	-23.5	-14.04	Pass
				+0 to 1	0.05	-49.99	-16.5	-33.49	Pass
				+1 to 5	1.5	-28.9	-8.5	-20.4	Pass
				+5 to10	6.5	-28.41	-8.5	-19.91	Pass
				+10 to 15	10.5	-37.85	-23.5	-14.35	Pass
			PRB#Max	-0 to 1	-0.29	-51.75	-16.5	-35.25	Pass
				-1 to 5	-1.5	-30.92	-8.5	-22.42	Pass
				-5 to 10	-8.5	-30.61	-11.5	-19.11	Pass
				- 10 to 15	-11.5	-37.78	-23.5	-14.28	Pass
				+0 to 1	0.02	-32.65	-16.5	-16.15	Pass
				+1 to 5	1.5	-27.31	-8.5	-18.81	Pass
				+5 to10	5.5	-34.31	-8.5	-25.81	Pass
				+10 to 15	10.5	-37.36	-23.5	-13.86	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18550	1975	QPSK	PRB#0	-0 to 1	-0.02	-26.24	-16.5	-9.74	Pass
				-1 to 5	-4.5	-21.98	-8.5	-13.48	Pass
				-5 to 10	-5.5	-31.44	-11.5	-19.94	Pass
				- 10 to 15	-10.5	-37.39	-23.5	-13.89	Pass
				+0 to 1	0.02	-50.03	-16.5	-33.53	Pass
				+1 to 5	1.5	-28.92	-8.5	-20.42	Pass
				+5 to10	7.5	-28.53	-8.5	-20.03	Pass
				+10 to 15	10.5	-37.76	-23.5	-14.26	Pass
			PRB#Max	-0 to 1	-0.05	-46.74	-16.5	-30.24	Pass
				-1 to 5	-1.5	-27.82	-8.5	-19.32	Pass
				-5 to 10	-8.5	-27.37	-11.5	-15.87	Pass
				- 10 to 15	-11.5	-37.75	-23.5	-14.25	Pass
				+0 to 1	0.02	-27.06	-16.5	-10.56	Pass
				+1 to 5	1.5	-23.72	-8.5	-15.22	Pass
				+5 to10	5.5	-30.27	-8.5	-21.77	Pass
				+10 to 15	10.5	-36.54	-23.5	-13.04	Pass
			FRB	-0 to 1	-0.02	-33.09	-16.5	-16.59	Pass
				-1 to 5	-1.5	-21.49	-8.5	-12.99	Pass
				-5 to 10	-5.5	-24.59	-11.5	-13.09	Pass
				- 10 to 15	-10.5	-32.71	-23.5	-9.21	Pass
				+0 to 1	0.02	-35.09	-16.5	-18.59	Pass
				+1 to 5	1.5	-24.54	-8.5	-16.04	Pass
				+5 to10	5.5	-28.62	-8.5	-20.12	Pass
				+10 to 15	14.5	-34.71	-23.5	-11.21	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18550	1975	16 QAM	PRB#0	-0 to 1	-0.02	-29.51	-16.5	-13.01	Pass
				-1 to 5	-1.5	-25.01	-8.5	-16.51	Pass
				-5 to 10	-5.5	-33.39	-11.5	-21.89	Pass
				-10 to 15	-10.5	-37.57	-23.5	-14.07	Pass
				+0 to 1	0.23	-51.01	-16.5	-34.51	Pass
				+1 to 5	1.5	-30.71	-8.5	-22.21	Pass
				+5 to 10	7.5	-30.6	-8.5	-22.1	Pass
				+10 to 15	10.5	-37.75	-23.5	-14.25	Pass
			PRB#Max	-0 to 1	-0.05	-49.39	-16.5	-32.89	Pass
				-1 to 5	-1.5	-30.14	-8.5	-21.64	Pass
				-5 to 10	-8.5	-29.64	-11.5	-18.14	Pass
				-10 to 15	-10.5	-37.78	-23.5	-14.28	Pass
				+0 to 1	0.02	-31.55	-16.5	-15.05	Pass
				+1 to 5	1.5	-26.6	-8.5	-18.1	Pass
				+5 to 10	5.5	-33.48	-8.5	-24.98	Pass
				+10 to 15	10.5	-37.39	-23.5	-13.89	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18100	1930	QPSK	PRB#0	-0 to 1	-0.02	-27.49	-19.5	-7.99	Pass
				-1 to 5	-4.5	-18.56	-8.5	-10.06	Pass
				-5 to 20	-11.5	-34.35	-11.5	-22.85	Pass
				-20 to 25	-23.5	-38.42	-23.5	-14.92	Pass
				+0 to 1	0.05	-50.54	-19.5	-31.04	Pass
				+1 to 5	2	-37.23	-8.5	-28.73	Pass
				+5 to 20	5.5	-30.14	-11.5	-18.64	Pass
				+20 to 25	21.5	-38.42	-23.5	-14.92	Pass
			PRB#Max	-0 to 1	-0.23	-49.99	-19.5	-30.49	Pass
				-1 to 5	-3	-37.1	-8.5	-28.6	Pass
				-5 to 20	-5.5	-31.66	-11.5	-20.16	Pass
				-20 to 25	-20.5	-38.49	-23.5	-14.99	Pass
				+0 to 1	0.02	-32.14	-19.5	-12.64	Pass
				+1 to 5	1.5	-24.3	-8.5	-15.8	Pass
				+5 to 20	12.5	-32.37	-11.5	-20.87	Pass
				+20 to 25	20.5	-37.75	-23.5	-14.25	Pass
			FRB	-0 to 1	-0.56	-35.22	-19.5	-15.72	Pass
				-1 to 5	-1.5	-21.99	-8.5	-13.49	Pass
				-5 to 20	-5.5	-24.57	-11.5	-13.07	Pass
				-20 to 25	-20.5	-36.94	-23.5	-13.44	Pass
				+0 to 1	0.35	-39.24	-19.5	-19.74	Pass
				+1 to 5	1.5	-26.74	-8.5	-18.24	Pass
				+5 to 20	7.5	-29.23	-11.5	-17.73	Pass
				+20 to 25	20.5	-35.13	-23.5	-11.63	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
18100	1930	16 QAM	PRB#0	-0 to 1	-0.02	-29.05	-19.5	-9.55	Pass
				-1 to 5	-4.5	-20.55	-8.5	-12.05	Pass
				-5 to 20	-11.5	-34.94	-11.5	-23.44	Pass
				- 20 to 25	-20.5	-38.47	-23.5	-14.97	Pass
				+0 to 1	0.08	-51.15	-19.5	-31.65	Pass
				+1 to 5	1.5	-37.28	-8.5	-28.78	Pass
				+5 to 20	6.5	-31.23	-11.5	-19.73	Pass
				+20 to 25	20.5	-38.44	-23.5	-14.94	Pass
			PRB#Max	-0 to 1	-0.74	-51.65	-19.5	-32.15	Pass
				-1 to 5	-3.3	-37.27	-8.5	-28.77	Pass
				-5 to 20	-5.5	-32.21	-11.5	-20.71	Pass
				- 20 to 25	-20.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.02	-34.38	-19.5	-14.88	Pass
				+1 to 5	1.5	-25.78	-8.5	-17.28	Pass
				+5 to 20	12.5	-34.14	-11.5	-22.64	Pass
				+20 to 25	20.5	-38.05	-23.5	-14.55	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	QPSK	PRB#0	-0 to 1	-0.05	-35.47	-19.5	-15.97	Pass
				-1 to 5	-4.5	-25.48	-8.5	-16.98	Pass
				-5 to 20	-12.5	-34.13	-11.5	-22.63	Pass
				-20 to 25	-24.5	-38.11	-23.5	-14.61	Pass
				+0 to 1	0.14	-49.39	-19.5	-29.89	Pass
				+1 to 5	1.5	-36.47	-8.5	-27.97	Pass
				+5 to 20	5.5	-27.85	-11.5	-16.35	Pass
				+20 to 25	21.5	-38.42	-23.5	-14.92	Pass
			PRB#Max	-0 to 1	-0.05	-52.21	-19.5	-32.71	Pass
				-1 to 5	-3	-37.22	-8.5	-28.72	Pass
				-5 to 20	-5.5	-30.11	-11.5	-18.61	Pass
				-20 to 25	-20.5	-38.39	-23.5	-14.89	Pass
				+0 to 1	0.02	-32.5	-19.5	-13	Pass
				+1 to 5	1.5	-24.42	-8.5	-15.92	Pass
				+5 to 20	12.5	-32.94	-11.5	-21.44	Pass
				+20 to 25	20.5	-38.02	-23.5	-14.52	Pass
			FRB	-0 to 1	-0.11	-40.44	-19.5	-20.94	Pass
				-1 to 5	-1.5	-27.13	-8.5	-18.63	Pass
				-5 to 20	-7.5	-29.99	-11.5	-18.49	Pass
				-20 to 25	-20.5	-34.96	-23.5	-11.46	Pass
				+0 to 1	0.35	-40.72	-19.5	-21.22	Pass
				+1 to 5	1.5	-27.76	-8.5	-19.26	Pass
				+5 to 20	7.5	-28.97	-11.5	-17.47	Pass
				+20 to 25	20.5	-36.06	-23.5	-12.56	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18300	1950	16 QAM	PRB#0	-0 to 1	-0.02	-35.28	-19.5	-15.78	Pass
				-1 to 5	-1.5	-26.68	-8.5	-18.18	Pass
				-5 to 20	-11.5	-34.45	-11.5	-22.95	Pass
				-20 to 25	-20.5	-38.26	-23.5	-14.76	Pass
				+0 to 1	0.17	-49.92	-19.5	-30.42	Pass
				+1 to 5	1.5	-36.87	-8.5	-28.37	Pass
				+5 to 20	5.5	-28.97	-11.5	-17.47	Pass
				+20 to 25	20.5	-38.38	-23.5	-14.88	Pass
			PRB#Max	-0 to 1	-0.59	-52.12	-19.5	-32.62	Pass
				-1 to 5	-3	-37.3	-8.5	-28.8	Pass
				-5 to 20	-5.5	-31.04	-11.5	-19.54	Pass
				-20 to 25	-24.5	-38.49	-23.5	-14.99	Pass
				+0 to 1	0.02	-33.94	-19.5	-14.44	Pass
				+1 to 5	1.5	-26.27	-8.5	-17.77	Pass
				+5 to 20	11.5	-34.15	-11.5	-22.65	Pass
				+20 to 25	20.5	-38.18	-23.5	-14.68	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18500	1970	QPSK	PRB#0	-0 to 1	-0.02	-31.02	-19.5	-11.52	Pass
				-1 to 5	-1.5	-22.39	-8.5	-13.89	Pass
				-5 to 20	-12.5	-33.72	-11.5	-22.22	Pass
				-20 to 25	-23.5	-38.34	-23.5	-14.84	Pass
				+0 to 1	0.08	-50.28	-19.5	-30.78	Pass
				+1 to 5	1.5	-37.25	-8.5	-28.75	Pass
				+5 to 20	5.5	-31.54	-11.5	-20.04	Pass
				+20 to 25	22.5	-38.43	-23.5	-14.93	Pass
			PRB#Max	-0 to 1	-0.05	-48.43	-19.5	-28.93	Pass
				-1 to 5	-3.3	-36.84	-8.5	-28.34	Pass
				-5 to 20	-5.5	-29.52	-11.5	-18.02	Pass
				-20 to 25	-21.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.02	-29.69	-19.5	-10.19	Pass
				+1 to 5	1.5	-22.42	-8.5	-13.92	Pass
				+5 to 20	11.5	-32.99	-11.5	-21.49	Pass
				+20 to 25	23.5	-38.34	-23.5	-14.84	Pass
			FRB	-0 to 1	-0.02	-35.67	-19.5	-16.17	Pass
				-1 to 5	-1.5	-23.19	-8.5	-14.69	Pass
				-5 to 20	-5.5	-25.25	-11.5	-13.75	Pass
				-20 to 25	-20.5	-34.68	-23.5	-11.18	Pass
				+0 to 1	0.35	-40.11	-19.5	-20.61	Pass
				+1 to 5	1.5	-27.7	-8.5	-19.2	Pass
				+5 to 20	7.5	-30.34	-11.5	-18.84	Pass
				+20 to 25	20.5	-38.36	-23.5	-14.86	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
18500	1970	16 QAM	PRB#0	-0 to 1	-0.05	-32.91	-19.5	-13.41	Pass
				-1 to 5	-1.5	-25.15	-8.5	-16.65	Pass
				-5 to 20	-11.5	-35.06	-11.5	-23.56	Pass
				-20 to 25	-22.5	-38.39	-23.5	-14.89	Pass
				+0 to 1	0.08	-51.13	-19.5	-31.63	Pass
				+1 to 5	1.5	-37.31	-8.5	-28.81	Pass
				+5 to 20	5.5	-33.06	-11.5	-21.56	Pass
				+20 to 25	20.5	-38.42	-23.5	-14.92	Pass
			PRB#Max	-0 to 1	-0.23	-50.73	-19.5	-31.23	Pass
				-1 to 5	-3	-37.12	-8.5	-28.62	Pass
				-5 to 20	-5.5	-30.42	-11.5	-18.92	Pass
				-20 to 25	-21.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.02	-34.6	-19.5	-15.1	Pass
				+1 to 5	1.5	-26.49	-8.5	-17.99	Pass
				+5 to 20	11.5	-34.97	-11.5	-23.47	Pass
				+20 to 25	21.5	-38.35	-23.5	-14.85	Pass

LTE Band 3

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19207	1710.7	QPSK	PRB#0	-0 to 1	-0.02	-26.07	-8.5	-17.57	Pass
				-1 to 2.5	-1.5	-31.94	-8.5	-23.44	Pass
				-2.5 to 2.8	-3	-37.16	-23.5	-13.66	Pass
				+0 to 1	0.02	-28.42	-8.5	-19.92	Pass
				+1 to 2.5	1.5	-32.82	-8.5	-24.32	Pass
				+2.5 to 2.8	3	-37.25	-23.5	-13.75	Pass
			PRB#Max	-0 to 1	-0.02	-28.51	-8.5	-20.01	Pass
				-1 to 2.5	-1.5	-32.79	-8.5	-24.29	Pass
				-2.5 to 2.8	-3	-37.44	-23.5	-13.94	Pass
				+0 to 1	0.02	-25.24	-8.5	-16.74	Pass
				+1 to 2.5	1.5	-31.77	-8.5	-23.27	Pass
				+2.5 to 2.8	3	-37.07	-23.5	-13.57	Pass
			FRB	-0 to 1	-0.02	-28.25	-8.5	-19.75	Pass
				-1 to 2.5	-1.5	-31.38	-8.5	-22.88	Pass
				-2.5 to 2.8	-3	-36.96	-23.5	-13.46	Pass
				+0 to 1	0.02	-29.01	-8.5	-20.51	Pass
				+1 to 2.5	1.5	-31.47	-8.5	-22.97	Pass
				+2.5 to 2.8	3	-37.04	-23.5	-13.54	Pass

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19207	1710.7	16 QAM	PRB#0	-0 to 1	-0.02	-28.91	-8.5	-20.41	Pass
				-1 to 2.5	-1.5	-32.58	-8.5	-24.08	Pass
				-2.5 to 2.8	-3	-37.71	-23.5	-14.21	Pass
				+0 to 1	0.02	-32.04	-8.5	-23.54	Pass
				+1 to 2.5	1.5	-33.81	-8.5	-25.31	Pass
				+2.5 to 2.8	3	-37.66	-23.5	-14.16	Pass
			PRB#Max	-0 to 1	-0.02	-32.36	-8.5	-23.86	Pass
				-1 to 2.5	-1.5	-33.67	-8.5	-25.17	Pass
				-2.5 to 2.8	-3	-38.02	-23.5	-14.52	Pass
				+0 to 1	0.02	-28.41	-8.5	-19.91	Pass
				+1 to 2.5	1.5	-32.64	-8.5	-24.14	Pass
				+2.5 to 2.8	3	-37.43	-23.5	-13.93	Pass
			FRB	-0 to 1	-0.02	-30.29	-8.5	-21.79	Pass
				-1 to 2.5	-1.5	-32.04	-8.5	-23.54	Pass
				-2.5 to 2.8	-3	-37.56	-23.5	-14.06	Pass
				+0 to 1	0.02	-30.16	-8.5	-21.66	Pass
				+1 to 2.5	1.5	-32.17	-8.5	-23.67	Pass
				+2.5 to 2.8	3	-37.52	-23.5	-14.02	Pass

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	QPSK	PRB#0	-0 to 1	-0.02	-27.13	-8.5	-18.63	Pass
				-1 to 2.5	-1.5	-32.11	-8.5	-23.61	Pass
				-2.5 to 2.8	-3	-36.8	-23.5	-13.3	Pass
				+0 to 1	0.02	-31.68	-8.5	-23.18	Pass
				+1 to 2.5	1.5	-32.54	-8.5	-24.04	Pass
				+2.5 to 2.8	3	-37.06	-23.5	-13.56	Pass
			PRB#Max	-0 to 1	-0.02	-32.11	-8.5	-23.61	Pass
				-1 to 2.5	-1.5	-32.9	-8.5	-24.4	Pass
				-2.5 to 2.8	-3	-37.09	-23.5	-13.59	Pass
				+0 to 1	0.02	-28.59	-8.5	-20.09	Pass
				+1 to 2.5	1.5	-31.54	-8.5	-23.04	Pass
				+2.5 to 2.8	3	-36.79	-23.5	-13.29	Pass
			FRB	-0 to 1	-0.02	-29.26	-8.5	-20.76	Pass
				-1 to 2.5	-1.5	-32.05	-8.5	-23.55	Pass
				-2.5 to 2.8	-3	-36.65	-23.5	-13.15	Pass
				+0 to 1	0.02	-29.29	-8.5	-20.79	Pass
				+1 to 2.5	1.5	-31.6	-8.5	-23.1	Pass
				+2.5 to 2.8	3	-36.64	-23.5	-13.14	Pass

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	16 QAM	PRB#0	-0 to 1	-0.02	-27.4	-8.5	-18.9	Pass
				-1 to 2.5	-1.5	-32.54	-8.5	-24.04	Pass
				-2.5 to 2.8	-3	-37.4	-23.5	-13.9	Pass
				+0 to 1	0.02	-33.68	-8.5	-25.18	Pass
				+1 to 2.5	1.5	-33.35	-8.5	-24.85	Pass
				+2.5 to 2.8	3	-37.63	-23.5	-14.13	Pass
			PRB#Max	-0 to 1	-0.02	-32.8	-8.5	-24.3	Pass
				-1 to 2.5	-1.5	-33.65	-8.5	-25.15	Pass
				-2.5 to 2.8	-3	-37.79	-23.5	-14.29	Pass
				+0 to 1	0.02	-29.52	-8.5	-21.02	Pass
				+1 to 2.5	1.5	-32.57	-8.5	-24.07	Pass
				+2.5 to 2.8	3	-37.26	-23.5	-13.76	Pass
			FRB	-0 to 1	-0.02	-30.44	-8.5	-21.94	Pass
				-1 to 2.5	-1.5	-32.99	-8.5	-24.49	Pass
				-2.5 to 2.8	-3	-37.43	-23.5	-13.93	Pass
				+0 to 1	0.02	-31.19	-8.5	-22.69	Pass
				+1 to 2.5	1.5	-32.9	-8.5	-24.4	Pass
				+2.5 to 2.8	3	-37.28	-23.5	-13.78	Pass

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19943	1784.3	QPSK	PRB#0	-0 to 1	-0.02	-25.31	-8.5	-16.81	Pass
				-1 to 2.5	-1.5	-28.55	-8.5	-20.05	Pass
				-2.5 to 2.8	-3	-36	-23.5	-12.5	Pass
				+0 to 1	0.02	-28	-8.5	-19.5	Pass
				+1 to 2.5	1.5	-29.37	-8.5	-20.87	Pass
				+2.5 to 2.8	3	-37.09	-23.5	-13.59	Pass
			PRB#Max	-0 to 1	-0.02	-28.15	-8.5	-19.65	Pass
				-1 to 2.5	-1.5	-29.39	-8.5	-20.89	Pass
				-2.5 to 2.8	-3	-36.37	-23.5	-12.87	Pass
				+0 to 1	0.02	-25.5	-8.5	-17	Pass
				+1 to 2.5	1.5	-28.62	-8.5	-20.12	Pass
				+2.5 to 2.8	3	-36.61	-23.5	-13.11	Pass
			FRB	-0 to 1	-0.02	-29.92	-8.5	-21.42	Pass
				-1 to 2.5	-1.5	-27.73	-8.5	-19.23	Pass
				-2.5 to 2.8	-3	-35.84	-23.5	-12.34	Pass
				+0 to 1	0.02	-29.29	-8.5	-20.79	Pass
				+1 to 2.5	1.5	-27.75	-8.5	-19.25	Pass
				+2.5 to 2.8	3	-36.38	-23.5	-12.88	Pass

工作頻寬 (MHz)	1.4			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19943	1784.3	16 QAM	PRB#0	-0 to 1	-0.02	-27.24	-8.5	-18.74	Pass
				-1 to 2.5	-1.5	-28.99	-8.5	-20.49	Pass
				-2.5 to 2.8	-3	-36.56	-23.5	-13.06	Pass
				+0 to 1	0.02	-30.58	-8.5	-22.08	Pass
				+1 to 2.5	1.5	-30.19	-8.5	-21.69	Pass
				+2.5 to 2.8	3	-37.38	-23.5	-13.88	Pass
			PRB#Max	-0 to 1	-0.02	-30.48	-8.5	-21.98	Pass
				-1 to 2.5	-1.5	-30.6	-8.5	-22.1	Pass
				-2.5 to 2.8	-3	-37.09	-23.5	-13.59	Pass
				+0 to 1	0.02	-27.97	-8.5	-19.47	Pass
				+1 to 2.5	1.5	-29.21	-8.5	-20.71	Pass
				+2.5 to 2.8	3	-37.17	-23.5	-13.67	Pass
			FRB	-0 to 1	-0.02	-29.65	-8.5	-21.15	Pass
				-1 to 2.5	-1.5	-29.72	-8.5	-21.22	Pass
				-2.5 to 2.8	-3	-36.69	-23.5	-13.19	Pass
				+0 to 1	0.02	-29.99	-8.5	-21.49	Pass
				+1 to 2.5	1.5	-29.53	-8.5	-21.03	Pass
				+2.5 to 2.8	3	-37	-23.5	-13.5	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19225	1712.5	QPSK	PRB#0	-0 to 1	-0.02	-28.64	-13.5	-15.14	Pass
				-1 to 5	-1.5	-27.38	-8.5	-18.88	Pass
				-5 to 6	-5.5	-39.24	-11.5	-27.74	Pass
				- 6 to 10	-8.5	-39.57	-23.5	-16.07	Pass
				+0 to 1	0.02	-45.9	-13.5	-32.4	Pass
				+1 to 5	4.5	-28.58	-8.5	-20.08	Pass
				+5 to 6	5.5	-39.27	-11.5	-27.77	Pass
				+6 to 10	6.5	-38.9	-23.5	-15.4	Pass
			PRB#Max	-0 to 1	-0.02	-47.9	-13.5	-34.4	Pass
				-1 to 5	-1.5	-32.52	-8.5	-24.02	Pass
				-5 to 6	-5.5	-39.81	-11.5	-28.31	Pass
				- 6 to 10	-6.5	-39.75	-23.5	-16.25	Pass
				+0 to 1	0.02	-27.05	-13.5	-13.55	Pass
				+1 to 5	1.5	-27.24	-8.5	-18.74	Pass
				+5 to 6	5.5	-38.72	-11.5	-27.22	Pass
				+6 to 10	8.5	-38.89	-23.5	-15.39	Pass
			FRB	-0 to 1	-0.02	-33.29	-13.5	-19.79	Pass
				-1 to 5	-1.5	-30.61	-8.5	-22.11	Pass
				-5 to 6	-5.5	-36.16	-11.5	-24.66	Pass
				- 6 to 10	-7.5	-37.56	-23.5	-14.06	Pass
				+0 to 1	0.02	-33.39	-13.5	-19.89	Pass
				+1 to 5	1.5	-29.34	-8.5	-20.84	Pass
				+5 to 6	5.5	-35.22	-11.5	-23.72	Pass
				+6 to 10	7.5	-36.64	-23.5	-13.14	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19225	1712.5	16 QAM	PRB#0	-0 to 1	-0.02	-30.75	-13.5	-17.25	Pass
				-1 to 5	-1.5	-28.64	-8.5	-20.14	Pass
				-5 to 6	-5.5	-39.49	-11.5	-27.99	Pass
				- 6 to 10	-8.5	-39.73	-23.5	-16.23	Pass
				+0 to 1	0.02	-47.16	-13.5	-33.66	Pass
				+1 to 5	4.5	-29.99	-8.5	-21.49	Pass
				+5 to 6	5.5	-39.25	-11.5	-27.75	Pass
				+6 to 10	6.5	-38.86	-23.5	-15.36	Pass
			PRB#Max	-0 to 1	-0.05	-49.9	-13.5	-36.4	Pass
				-1 to 5	-4.5	-34.52	-8.5	-26.02	Pass
				-5 to 6	-5.5	-39.89	-11.5	-28.39	Pass
				- 6 to 10	-6.5	-39.75	-23.5	-16.25	Pass
				+0 to 1	0.02	-30.68	-13.5	-17.18	Pass
				+1 to 5	1.5	-29.35	-8.5	-20.85	Pass
				+5 to 6	5.5	-38.87	-11.5	-27.37	Pass
				+6 to 10	8.5	-38.97	-23.5	-15.47	Pass
			FRB	-0 to 1	-0.02	-34.73	-13.5	-21.23	Pass
				-1 to 5	-1.5	-30.83	-8.5	-22.33	Pass
				-5 to 6	-5.5	-36.56	-11.5	-25.06	Pass
				- 6 to 10	-6.5	-37.62	-23.5	-14.12	Pass
				+0 to 1	0.02	-35.05	-13.5	-21.55	Pass
				+1 to 5	1.5	-31.11	-8.5	-22.61	Pass
				+5 to 6	5.5	-35.94	-11.5	-24.44	Pass
				+6 to 10	6.5	-37	-23.5	-13.5	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	QPSK	PRB#0	-0 to 1	-0.02	-29.48	-13.5	-15.98	Pass
				-1 to 5	-1.5	-28.45	-8.5	-19.95	Pass
				-5 to 6	-5.5	-38.92	-11.5	-27.42	Pass
				- 6 to 10	-8.5	-39.27	-23.5	-15.77	Pass
				+0 to 1	0.02	-45.15	-13.5	-31.65	Pass
				+1 to 5	1.5	-27.42	-8.5	-18.92	Pass
				+5 to 6	5.5	-38.75	-11.5	-27.25	Pass
				+6 to 10	6.5	-38.6	-23.5	-15.1	Pass
			PRB#Max	-0 to 1	-0.14	-47.81	-13.5	-34.31	Pass
				-1 to 5	-1.5	-31.6	-8.5	-23.1	Pass
				-5 to 6	-5.5	-39.5	-11.5	-28	Pass
				- 6 to 10	-6.5	-39.48	-23.5	-15.98	Pass
				+0 to 1	0.02	-30.42	-13.5	-16.92	Pass
				+1 to 5	1.5	-27.94	-8.5	-19.44	Pass
				+5 to 6	5.5	-38.29	-11.5	-26.79	Pass
				+6 to 10	8.5	-38.66	-23.5	-15.16	Pass
			FRB	-0 to 1	-0.02	-33.13	-13.5	-19.63	Pass
				-1 to 5	-1.5	-27.48	-8.5	-18.98	Pass
				-5 to 6	-5.5	-36.26	-11.5	-24.76	Pass
				- 6 to 10	-6.5	-36.99	-23.5	-13.49	Pass
				+0 to 1	0.02	-32.5	-13.5	-19	Pass
				+1 to 5	1.5	-27.82	-8.5	-19.32	Pass
				+5 to 6	5.5	-35.08	-11.5	-23.58	Pass
				+6 to 10	6.5	-35.71	-23.5	-12.21	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	16 QAM	PRB#0	-0 to 1	-0.02	-31.25	-13.5	-17.75	Pass
				-1 to 5	-1.5	-30.53	-8.5	-22.03	Pass
				-5 to 6	-5.5	-39.09	-11.5	-27.59	Pass
				- 6 to 10	-8.5	-39.33	-23.5	-15.83	Pass
				+0 to 1	0.05	-47.07	-13.5	-33.57	Pass
				+1 to 5	1.5	-29.67	-8.5	-21.17	Pass
				+5 to 6	5.5	-38.96	-11.5	-27.46	Pass
				+6 to 10	6.5	-38.61	-23.5	-15.11	Pass
			PRB#Max	-0 to 1	-0.02	-49.46	-13.5	-35.96	Pass
				-1 to 5	-1.5	-33.24	-8.5	-24.74	Pass
				-5 to 6	-5.5	-39.55	-11.5	-28.05	Pass
				- 6 to 10	-6.5	-39.57	-23.5	-16.07	Pass
				+0 to 1	0.02	-31.79	-13.5	-18.29	Pass
				+1 to 5	1.5	-29.84	-8.5	-21.34	Pass
				+5 to 6	5.5	-38.51	-11.5	-27.01	Pass
				+6 to 10	8.5	-38.65	-23.5	-15.15	Pass
			FRB	-0 to 1	-0.02	-34.01	-13.5	-20.51	Pass
				-1 to 5	-1.5	-27.31	-8.5	-18.81	Pass
				-5 to 6	-5.5	-36.67	-11.5	-25.17	Pass
				- 6 to 10	-6.5	-37.28	-23.5	-13.78	Pass
				+0 to 1	0.02	-34.38	-13.5	-20.88	Pass
				+1 to 5	1.5	-27.73	-8.5	-19.23	Pass
				+5 to 6	5.5	-35.86	-11.5	-24.36	Pass
				+6 to 10	6.5	-36.6	-23.5	-13.1	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19925	1782.5	QPSK	PRB#0	-0 to 1	-0.02	-29.94	-13.5	-16.44	Pass
				-1 to 5	-1.5	-26.89	-8.5	-18.39	Pass
				-5 to 6	-5.5	-38.57	-11.5	-27.07	Pass
				- 6 to 10	-8.5	-39.1	-23.5	-15.6	Pass
				+0 to 1	0.02	-45.6	-13.5	-32.1	Pass
				+1 to 5	1.5	-29.07	-8.5	-20.57	Pass
				+5 to 6	5.5	-38.67	-11.5	-27.17	Pass
				+6 to 10	6.5	-38.55	-23.5	-15.05	Pass
			PRB#Max	-0 to 1	-0.02	-46.18	-13.5	-32.68	Pass
				-1 to 5	-1.5	-30.23	-8.5	-21.73	Pass
				-5 to 6	-5.5	-39.38	-11.5	-27.88	Pass
				- 6 to 10	-6.5	-39.38	-23.5	-15.88	Pass
				+0 to 1	0.02	-30.2	-13.5	-16.7	Pass
				+1 to 5	1.5	-27.3	-8.5	-18.8	Pass
				+5 to 6	5.5	-38.27	-11.5	-26.77	Pass
				+6 to 10	8.5	-38.41	-23.5	-14.91	Pass
			FRB	-0 to 1	-0.02	-32.63	-13.5	-19.13	Pass
				-1 to 5	-1.5	-27.1	-8.5	-18.6	Pass
				-5 to 6	-5.5	-33.43	-11.5	-21.93	Pass
				- 6 to 10	-7.5	-34.8	-23.5	-11.3	Pass
				+0 to 1	0.02	-33.74	-13.5	-20.24	Pass
				+1 to 5	1.5	-29.58	-8.5	-21.08	Pass
				+5 to 6	5.5	-33.78	-11.5	-22.28	Pass
				+6 to 10	6.5	-34.64	-23.5	-11.14	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19925	1782.5	16 QAM	PRB#0	-0 to 1	-0.02	-31.04	-13.5	-17.54	Pass
				-1 to 5	-1.5	-29.06	-8.5	-20.56	Pass
				-5 to 6	-5.5	-38.81	-11.5	-27.31	Pass
				- 6 to 10	-8.5	-39.25	-23.5	-15.75	Pass
				+0 to 1	0.05	-48.01	-13.5	-34.51	Pass
				+1 to 5	1.5	-31.19	-8.5	-22.69	Pass
				+5 to 6	5.5	-38.7	-11.5	-27.2	Pass
				+6 to 10	9.5	-38.57	-23.5	-15.07	Pass
			PRB#Max	-0 to 1	-0.02	-48.23	-13.5	-34.73	Pass
				-1 to 5	-1.5	-32.06	-8.5	-23.56	Pass
				-5 to 6	-5.5	-39.31	-11.5	-27.81	Pass
				- 6 to 10	-6.5	-39.45	-23.5	-15.95	Pass
				+0 to 1	0.02	-31.39	-13.5	-17.89	Pass
				+1 to 5	1.5	-28.63	-8.5	-20.13	Pass
				+5 to 6	5.5	-38.39	-11.5	-26.89	Pass
				+6 to 10	8.5	-38.4	-23.5	-14.9	Pass
			FRB	-0 to 1	-0.02	-33.65	-13.5	-20.15	Pass
				-1 to 5	-1.5	-27.26	-8.5	-18.76	Pass
				-5 to 6	-5.5	-34.93	-11.5	-23.43	Pass
				- 6 to 10	-6.5	-35.76	-23.5	-12.26	Pass
				+0 to 1	0.02	-34.98	-13.5	-21.48	Pass
				+1 to 5	1.5	-29.74	-8.5	-21.24	Pass
				+5 to 6	5.5	-35.17	-11.5	-23.67	Pass
				+6 to 10	6.5	-35.7	-23.5	-12.2	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19250	1715	QPSK	PRB#0	-0 to 1	-0.02	-31.03	-16.5	-14.53	Pass
				-1 to 5	-4.5	-26.36	-8.5	-17.86	Pass
				-5 to 10	-5.5	-36.18	-11.5	-24.68	Pass
				- 10 to 15	-10.5	-38.96	-23.5	-15.46	Pass
				+0 to 1	0.02	-49.79	-16.5	-33.29	Pass
				+1 to 5	1.5	-31.45	-8.5	-22.95	Pass
				+5 to 10	7.5	-30.87	-8.5	-22.37	Pass
				+10 to 15	10.5	-39.02	-23.5	-15.52	Pass
			PRB#Max	-0 to 1	-0.05	-50.91	-16.5	-34.41	Pass
				-1 to 5	-1.5	-34.75	-8.5	-26.25	Pass
				-5 to 10	-8.5	-34.26	-11.5	-22.76	Pass
				- 10 to 15	-10.5	-39.09	-23.5	-15.59	Pass
				+0 to 1	0.02	-31.59	-16.5	-15.09	Pass
				+1 to 5	1.5	-27.14	-8.5	-18.64	Pass
				+5 to 10	5.5	-36.51	-8.5	-28.01	Pass
				+10 to 15	10.5	-38.91	-23.5	-15.41	Pass
			FRB	-0 to 1	-0.02	-38.56	-16.5	-22.06	Pass
				-1 to 5	-1.5	-31.41	-8.5	-22.91	Pass
				-5 to 10	-5.5	-33.78	-11.5	-22.28	Pass
				- 10 to 15	-10.5	-36.81	-23.5	-13.31	Pass
				+0 to 1	0.02	-38.17	-16.5	-21.67	Pass
				+1 to 5	1.5	-32.04	-8.5	-23.54	Pass
				+5 to 10	5.5	-32.83	-8.5	-24.33	Pass
				+10 to 15	10.5	-36.45	-23.5	-12.95	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19250	1715	16 QAM	PRB#0	-0 to 1	-0.02	-34.25	-16.5	-17.75	Pass
				-1 to 5	-4.5	-28.93	-8.5	-20.43	Pass
				-5 to 10	-5.5	-37.45	-11.5	-25.95	Pass
				-10 to 15	-10.5	-39.08	-23.5	-15.58	Pass
				+0 to 1	0.05	-51.03	-16.5	-34.53	Pass
				+1 to 5	1.5	-32.86	-8.5	-24.36	Pass
				+5 to 10	6.5	-32.43	-8.5	-23.93	Pass
				+10 to 15	10.5	-39.02	-23.5	-15.52	Pass
			PRB#Max	-0 to 1	-0.2	-52.16	-16.5	-35.66	Pass
				-1 to 5	-1.5	-35.52	-8.5	-27.02	Pass
				-5 to 10	-8.5	-35.41	-11.5	-23.91	Pass
				-10 to 15	-10.5	-39.01	-23.5	-15.51	Pass
				+0 to 1	0.02	-34.29	-16.5	-17.79	Pass
				+1 to 5	1.5	-29.31	-8.5	-20.81	Pass
				+5 to 10	5.5	-37.2	-8.5	-28.7	Pass
				+10 to 15	10.5	-38.97	-23.5	-15.47	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	QPSK	PRB#0	-0 to 1	-0.02	-33.32	-16.5	-16.82	Pass
				-1 to 5	-1.5	-27.66	-8.5	-19.16	Pass
				-5 to 10	-5.5	-36.26	-11.5	-24.76	Pass
				-10 to 15	-10.5	-38.7	-23.5	-15.2	Pass
				+0 to 1	0.08	-50.17	-16.5	-33.67	Pass
				+1 to 5	1.5	-29.84	-8.5	-21.34	Pass
				+5 to 10	5.5	-29.09	-8.5	-20.59	Pass
				+10 to 15	10.5	-38.86	-23.5	-15.36	Pass
			PRB#Max	-0 to 1	-0.05	-50.86	-16.5	-34.36	Pass
				-1 to 5	-1.5	-33.28	-8.5	-24.78	Pass
				-5 to 10	-8.5	-32.79	-11.5	-21.29	Pass
				-10 to 15	-10.5	-38.86	-23.5	-15.36	Pass
				+0 to 1	0.02	-33.53	-16.5	-17.03	Pass
				+1 to 5	1.5	-27.29	-8.5	-18.79	Pass
				+5 to 10	5.5	-35.23	-8.5	-26.73	Pass
				+10 to 15	10.5	-38.77	-23.5	-15.27	Pass
			FRB	-0 to 1	-0.02	-38.41	-16.5	-21.91	Pass
				-1 to 5	-1.5	-28.09	-8.5	-19.59	Pass
				-5 to 10	-5.5	-32.61	-11.5	-21.11	Pass
				-10 to 15	-10.5	-36.41	-23.5	-12.91	Pass
				+0 to 1	0.02	-38.01	-16.5	-21.51	Pass
				+1 to 5	1.5	-28.17	-8.5	-19.67	Pass
				+5 to 10	5.5	-31.72	-8.5	-23.22	Pass
				+10 to 15	10.5	-35.89	-23.5	-12.39	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	16 QAM	PRB#0	-0 to 1	-0.02	-35.04	-16.5	-18.54	Pass
				-1 to 5	-1.5	-29.46	-8.5	-20.96	Pass
				-5 to 10	-5.5	-36.8	-11.5	-25.3	Pass
				-10 to 15	-10.5	-38.69	-23.5	-15.19	Pass
				+0 to 1	0.05	-51.39	-16.5	-34.89	Pass
				+1 to 5	1.5	-31.48	-8.5	-22.98	Pass
				+5 to 10	6.5	-31.12	-8.5	-22.62	Pass
				+10 to 15	10.5	-38.88	-23.5	-15.38	Pass
			PRB#Max	-0 to 1	-0.29	-52.07	-16.5	-35.57	Pass
				-1 to 5	-1.5	-35.02	-8.5	-26.52	Pass
				-5 to 10	-8.5	-34.63	-11.5	-23.13	Pass
				-10 to 15	-11.5	-38.87	-23.5	-15.37	Pass
				+0 to 1	0.02	-34.59	-16.5	-18.09	Pass
				+1 to 5	1.5	-29.46	-8.5	-20.96	Pass
				+5 to 10	5.5	-36.21	-8.5	-27.71	Pass
				+10 to 15	10.5	-38.74	-23.5	-15.24	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19900	1780	QPSK	PRB#0	-0 to 1	-0.02	-32.24	-16.5	-15.74	Pass
				-1 to 5	-4.5	-25.13	-8.5	-16.63	Pass
				-5 to 10	-5.5	-34.13	-11.5	-22.63	Pass
				-10 to 15	-10.5	-38.3	-23.5	-14.8	Pass
				+0 to 1	0.02	-49.83	-16.5	-33.33	Pass
				+1 to 5	1.5	-31.59	-8.5	-23.09	Pass
				+5 to 10	7.5	-31.54	-8.5	-23.04	Pass
				+10 to 15	10.5	-38.64	-23.5	-15.14	Pass
			PRB#Max	-0 to 1	-0.05	-49.78	-16.5	-33.28	Pass
				-1 to 5	-1.5	-31.84	-8.5	-23.34	Pass
				-5 to 10	-8.5	-31.15	-11.5	-19.65	Pass
				-10 to 15	-11.5	-38.6	-23.5	-15.1	Pass
				+0 to 1	0.02	-31.25	-16.5	-14.75	Pass
				+1 to 5	1.5	-24.89	-8.5	-16.39	Pass
				+5 to 10	5.5	-35.76	-8.5	-27.26	Pass
				+10 to 15	10.5	-38.71	-23.5	-15.21	Pass
			FRB	-0 to 1	-0.02	-37.18	-16.5	-20.68	Pass
				-1 to 5	-1.5	-26.79	-8.5	-18.29	Pass
				-5 to 10	-5.5	-31.22	-11.5	-19.72	Pass
				-10 to 15	-10.5	-34.31	-23.5	-10.81	Pass
				+0 to 1	0.02	-37.25	-16.5	-20.75	Pass
				+1 to 5	1.5	-27.57	-8.5	-19.07	Pass
				+5 to 10	5.5	-33.04	-8.5	-24.54	Pass
				+10 to 15	14.5	-38.58	-23.5	-15.08	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道 (Channel)	頻率 (MHz)	調變	RB	Δf_{OOB} (MHZ)	最高測試頻率點 (+/-MHz)	測試值 (dB)	測試限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
19900	1780	16 QAM	PRB#0	-0 to 1	-0.02	-34.48	-16.5	-17.98	Pass
				-1 to 5	-1.5	-27.56	-8.5	-19.06	Pass
				-5 to 10	-5.5	-35.78	-11.5	-24.28	Pass
				-10 to 15	-10.5	-38.38	-23.5	-14.88	Pass
				+0 to 1	0.23	-51.19	-16.5	-34.69	Pass
				+1 to 5	1.5	-32.84	-8.5	-24.34	Pass
				+5 to 10	7.5	-32.98	-8.5	-24.48	Pass
				+10 to 15	10.5	-38.69	-23.5	-15.19	Pass
			PRB#Max	-0 to 1	-0.05	-51.52	-16.5	-35.02	Pass
				-1 to 5	-1.5	-32.93	-8.5	-24.43	Pass
				-5 to 10	-8.5	-32.56	-11.5	-21.06	Pass
				-10 to 15	-10.5	-38.61	-23.5	-15.11	Pass
				+0 to 1	0.02	-34.36	-16.5	-17.86	Pass
				+1 to 5	1.5	-27.09	-8.5	-18.59	Pass
				+5 to 10	5.5	-36.36	-8.5	-27.86	Pass
				+10 to 15	10.5	-38.69	-23.5	-15.19	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19300	1720	QPSK	PRB#0	-0 to 1	-0.02	-36.54	-19.5	-17.04	Pass
				-1 to 5	-4.5	-28.3	-8.5	-19.8	Pass
				-5 to 20	-11.5	-37.08	-11.5	-25.58	Pass
				-20 to 25	-23.5	-39.62	-23.5	-16.12	Pass
				+0 to 1	0.05	-51.17	-19.5	-31.67	Pass
				+1 to 5	2	-38.5	-8.5	-30	Pass
				+5 to 20	5.5	-32.4	-11.5	-20.9	Pass
				+20 to 25	21.5	-39.65	-23.5	-16.15	Pass
			PRB#Max	-0 to 1	-0.23	-53.24	-19.5	-33.74	Pass
				-1 to 5	-3	-38.63	-8.5	-30.13	Pass
				-5 to 20	-5.5	-35.29	-11.5	-23.79	Pass
				-20 to 25	-20.5	-39.64	-23.5	-16.14	Pass
				+0 to 1	0.02	-37.68	-19.5	-18.18	Pass
				+1 to 5	1.5	-29.77	-8.5	-21.27	Pass
				+5 to 20	12.5	-37.11	-11.5	-25.61	Pass
				+20 to 25	20.5	-39.63	-23.5	-16.13	Pass
			FRB	-0 to 1	-0.56	-43.88	-19.5	-24.38	Pass
				-1 to 5	-1.5	-31.4	-8.5	-22.9	Pass
				-5 to 20	-5.5	-33.12	-11.5	-21.62	Pass
				-20 to 25	-20.5	-38.3	-23.5	-14.8	Pass
				+0 to 1	0.35	-45.23	-19.5	-25.73	Pass
				+1 to 5	1.5	-34.24	-8.5	-25.74	Pass
				+5 to 20	7.5	-34.69	-11.5	-23.19	Pass
				+20 to 25	20.5	-37.46	-23.5	-13.96	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19300	1720	16 QAM	PRB#0	-0 to 1	-0.02	-38.22	-19.5	-18.72	Pass
				-1 to 5	-4.5	-29.58	-8.5	-21.08	Pass
				-5 to 20	-11.5	-37.4	-11.5	-25.9	Pass
				-20 to 25	-20.5	-39.6	-23.5	-16.1	Pass
				+0 to 1	0.08	-52.02	-19.5	-32.52	Pass
				+1 to 5	1.5	-38.61	-8.5	-30.11	Pass
				+5 to 20	6.5	-34.22	-11.5	-22.72	Pass
				+20 to 25	20.5	-39.67	-23.5	-16.17	Pass
			PRB#Max	-0 to 1	-0.74	-54.05	-19.5	-34.55	Pass
				-1 to 5	-3.3	-38.76	-8.5	-30.26	Pass
				-5 to 20	-5.5	-37.2	-11.5	-25.7	Pass
				-20 to 25	-20.5	-39.65	-23.5	-16.15	Pass
				+0 to 1	0.02	-41.65	-19.5	-22.15	Pass
				+1 to 5	1.5	-32.98	-8.5	-24.48	Pass
				+5 to 20	12.5	-37.79	-11.5	-26.29	Pass
				+20 to 25	20.5	-39.64	-23.5	-16.14	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	QPSK	PRB#0	-0 to 1	-0.05	-47.35	-19.5	-27.85	Pass
				-1 to 5	-4.5	-34.75	-8.5	-26.25	Pass
				-5 to 20	-12.5	-38.62	-11.5	-27.12	Pass
				-20 to 25	-24.5	-39.47	-23.5	-15.97	Pass
				+0 to 1	0.14	-52.93	-19.5	-33.43	Pass
				+1 to 5	1.5	-38.58	-8.5	-30.08	Pass
				+5 to 20	5.5	-38.71	-11.5	-27.21	Pass
				+20 to 25	21.5	-39.6	-23.5	-16.1	Pass
			PRB#Max	-0 to 1	-0.05	-53.84	-19.5	-34.34	Pass
				-1 to 5	-3	-38.65	-8.5	-30.15	Pass
				-5 to 20	-5.5	-38.85	-11.5	-27.35	Pass
				-20 to 25	-20.5	-39.5	-23.5	-16	Pass
				+0 to 1	0.02	-46.48	-19.5	-26.98	Pass
				+1 to 5	1.5	-34.92	-8.5	-26.42	Pass
				+5 to 20	12.5	-38.7	-11.5	-27.2	Pass
				+20 to 25	20.5	-39.55	-23.5	-16.05	Pass
			FRB	-0 to 1	-0.11	-50.58	-19.5	-31.08	Pass
				-1 to 5	-1.5	-36.32	-8.5	-27.82	Pass
				-5 to 20	-7.5	-36.77	-11.5	-25.27	Pass
				-20 to 25	-20.5	-39.1	-23.5	-15.6	Pass
				+0 to 1	0.35	-49.82	-19.5	-30.32	Pass
				+1 to 5	1.5	-36.37	-8.5	-27.87	Pass
				+5 to 20	7.5	-37.59	-11.5	-26.09	Pass
				+20 to 25	20.5	-39.5	-23.5	-16	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19575	1747.5	16 QAM	PRB#0	-0 to 1	-0.02	-46.61	-19.5	-27.11	Pass
				-1 to 5	-1.5	-34.97	-8.5	-26.47	Pass
				-5 to 20	-11.5	-38.54	-11.5	-27.04	Pass
				-20 to 25	-20.5	-39.43	-23.5	-15.93	Pass
				+0 to 1	0.17	-53.32	-19.5	-33.82	Pass
				+1 to 5	1.5	-38.57	-8.5	-30.07	Pass
				+5 to 20	5.5	-38.42	-11.5	-26.92	Pass
				+20 to 25	20.5	-39.64	-23.5	-16.14	Pass
			PRB#Max	-0 to 1	-0.59	-54.02	-19.5	-34.52	Pass
				-1 to 5	-3	-38.62	-8.5	-30.12	Pass
				-5 to 20	-5.5	-38.85	-11.5	-27.35	Pass
				-20 to 25	-24.5	-39.51	-23.5	-16.01	Pass
				+0 to 1	0.02	-46.44	-19.5	-26.94	Pass
				+1 to 5	1.5	-35.38	-8.5	-26.88	Pass
				+5 to 20	11.5	-38.71	-11.5	-27.21	Pass
				+20 to 25	20.5	-39.5	-23.5	-16	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19850	1775	QPSK	PRB#0	-0 to 1	-0.02	-43.7	-19.5	-24.2	Pass
				-1 to 5	-1.5	-33.04	-8.5	-24.54	Pass
				-5 to 20	-12.5	-37.56	-11.5	-26.06	Pass
				-20 to 25	-23.5	-39.24	-23.5	-15.74	Pass
				+0 to 1	0.08	-52.49	-19.5	-32.99	Pass
				+1 to 5	1.5	-38.47	-8.5	-29.97	Pass
				+5 to 20	5.5	-38.69	-11.5	-27.19	Pass
				+20 to 25	22.5	-39.4	-23.5	-15.9	Pass
			PRB#Max	-0 to 1	-0.05	-53.03	-19.5	-33.53	Pass
				-1 to 5	-3.3	-38.37	-8.5	-29.87	Pass
				-5 to 20	-5.5	-33.93	-11.5	-22.43	Pass
				-20 to 25	-21.5	-39.33	-23.5	-15.83	Pass
				+0 to 1	0.02	-42.06	-19.5	-22.56	Pass
				+1 to 5	1.5	-31.58	-8.5	-23.08	Pass
				+5 to 20	11.5	-37.99	-11.5	-26.49	Pass
				+20 to 25	23.5	-39.36	-23.5	-15.86	Pass
			FRB	-0 to 1	-0.02	-42.9	-19.5	-23.4	Pass
				-1 to 5	-1.5	-29.21	-8.5	-20.71	Pass
				-5 to 20	-5.5	-30.94	-11.5	-19.44	Pass
				-20 to 25	-20.5	-38.41	-23.5	-14.91	Pass
				+0 to 1	0.35	-45.49	-19.5	-25.99	Pass
				+1 to 5	1.5	-31.64	-8.5	-23.14	Pass
				+5 to 20	7.5	-34.64	-11.5	-23.14	Pass
				+20 to 25	20.5	-39.52	-23.5	-16.02	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19850	1775	16 QAM	PRB#0	-0 to 1	-0.05	-45.5	-19.5	-26	Pass
				-1 to 5	-1.5	-34.39	-8.5	-25.89	Pass
				-5 to 20	-11.5	-37.97	-11.5	-26.47	Pass
				-20 to 25	-22.5	-39.36	-23.5	-15.86	Pass
				+0 to 1	0.08	-52.66	-19.5	-33.16	Pass
				+1 to 5	1.5	-38.37	-8.5	-29.87	Pass
				+5 to 20	5.5	-38.73	-11.5	-27.23	Pass
				+20 to 25	20.5	-39.49	-23.5	-15.99	Pass
			PRB#Max	-0 to 1	-0.23	-53.62	-19.5	-34.12	Pass
				-1 to 5	-3	-38.53	-8.5	-30.03	Pass
				-5 to 20	-5.5	-38.27	-11.5	-26.77	Pass
				-20 to 25	-21.5	-39.3	-23.5	-15.8	Pass
				+0 to 1	0.02	-47.34	-19.5	-27.84	Pass
				+1 to 5	1.5	-35.4	-8.5	-26.9	Pass
				+5 to 20	11.5	-38.59	-11.5	-27.09	Pass
				+20 to 25	21.5	-39.46	-23.5	-15.96	Pass

LTE Band 7

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20775	2502.5	QPSK	PRB#0	-0 to 1	-0.02	-22.11	-13.5	-8.61	Pass
				-1 to 5	-1.5	-24.8	-8.5	-16.3	Pass
				-5 to 6	-5.5	-38.93	-11.5	-27.43	Pass
				- 6 to 10	-6.5	-39.67	-23.5	-16.17	Pass
				+0 to 1	0.35	-46.13	-13.5	-32.63	Pass
				+1 to 5	1.5	-30.07	-8.5	-21.57	Pass
				+5 to 6	5.5	-39.77	-11.5	-28.27	Pass
				+6 to 10	9.5	-39.36	-23.5	-15.86	Pass
			PRB#Max	-0 to 1	-0.53	-45.73	-13.5	-32.23	Pass
				-1 to 5	-1.5	-35.38	-8.5	-26.88	Pass
				-5 to 6	-5.5	-40.15	-11.5	-28.65	Pass
				- 6 to 10	-6.5	-40.18	-23.5	-16.68	Pass
				+0 to 1	0.02	-21.67	-13.5	-8.17	Pass
				+1 to 5	1.5	-25.07	-8.5	-16.57	Pass
				+5 to 6	5.5	-38.63	-11.5	-27.13	Pass
				+6 to 10	9.5	-39.25	-23.5	-15.75	Pass
			FRB	-0 to 1	-0.02	-28.33	-13.5	-14.83	Pass
				-1 to 5	-1.5	-19.6	-8.5	-11.1	Pass
				-5 to 6	-5.5	-36.83	-11.5	-25.33	Pass
				- 6 to 10	-6.5	-37.61	-23.5	-14.11	Pass
				+0 to 1	0.02	-28.78	-13.5	-15.28	Pass
				+1 to 5	1.5	-18.6	-8.5	-10.1	Pass
				+5 to 6	5.5	-37.01	-11.5	-25.51	Pass
				+6 to 10	6.5	-37.31	-23.5	-13.81	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20775	2502.5	16 QAM	PRB#0	-0 to 1	-0.02	-24.84	-13.5	-11.34	Pass
				-1 to 5	-1.5	-26.09	-8.5	-17.59	Pass
				-5 to 6	-5.5	-39.4	-11.5	-27.9	Pass
				- 6 to 10	-7.5	-39.83	-23.5	-16.33	Pass
				+0 to 1	0.05	-47.69	-13.5	-34.19	Pass
				+1 to 5	1.5	-31.24	-8.5	-22.74	Pass
				+5 to 6	5.5	-39.65	-11.5	-28.15	Pass
				+6 to 10	9.5	-39.43	-23.5	-15.93	Pass
			PRB#Max	-0 to 1	-0.02	-47.16	-13.5	-33.66	Pass
				-1 to 5	-1.5	-36.52	-8.5	-28.02	Pass
				-5 to 6	-5.5	-40.15	-11.5	-28.65	Pass
				- 6 to 10	-6.5	-40.14	-23.5	-16.64	Pass
				+0 to 1	0.02	-23.68	-13.5	-10.18	Pass
				+1 to 5	1.5	-27.45	-8.5	-18.95	Pass
				+5 to 6	5.5	-39.08	-11.5	-27.58	Pass
				+6 to 10	9.5	-39.3	-23.5	-15.8	Pass
			FRB	-0 to 1	-0.02	-31.58	-13.5	-18.08	Pass
				-1 to 5	-1.5	-22.07	-8.5	-13.57	Pass
				-5 to 6	-5.5	-36.77	-11.5	-25.27	Pass
				- 6 to 10	-6.5	-38.14	-23.5	-14.64	Pass
				+0 to 1	0.02	-30.8	-13.5	-17.3	Pass
				+1 to 5	1.5	-21.03	-8.5	-12.53	Pass
				+5 to 6	5.5	-36.67	-11.5	-25.17	Pass
				+6 to 10	6.5	-37.86	-23.5	-14.36	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	QPSK	PRB#0	-0 to 1	-0.02	-26.39	-13.5	-12.89	Pass
				-1 to 5	-1.5	-28.2	-8.5	-19.7	Pass
				-5 to 6	-5.5	-39.37	-11.5	-27.87	Pass
				- 6 to 10	-6.5	-39.97	-23.5	-16.47	Pass
				+0 to 1	0.05	-47.36	-13.5	-33.86	Pass
				+1 to 5	1.5	-30.15	-8.5	-21.65	Pass
				+5 to 6	5.5	-39.61	-11.5	-28.11	Pass
				+6 to 10	9.5	-39.45	-23.5	-15.95	Pass
			PRB#Max	-0 to 1	-0.02	-47.53	-13.5	-34.03	Pass
				-1 to 5	-1.5	-35.04	-8.5	-26.54	Pass
				-5 to 6	-5.5	-40.26	-11.5	-28.76	Pass
				- 6 to 10	-6.5	-40.24	-23.5	-16.74	Pass
				+0 to 1	0.05	-25.55	-13.5	-12.05	Pass
				+1 to 5	9.5	-26.74	-8.5	-18.24	Pass
				+5 to 6	5.5	-38.86	-11.5	-27.36	Pass
				+6 to 10	9.5	-39.27	-23.5	-15.77	Pass
			FRB	-0 to 1	-0.02	-33.24	-13.5	-19.74	Pass
				-1 to 5	-1.5	-27.22	-8.5	-18.72	Pass
				-5 to 6	-5.5	-37.54	-11.5	-26.04	Pass
				- 6 to 10	-6.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.02	-31.28	-13.6	-17.68	Pass
				+1 to 5	1.5	-23.96	-8.5	-15.46	Pass
				+5 to 6	5.5	-36.82	-11.5	-25.32	Pass
				+6 to 10	6.5	-37.99	-23.5	-14.49	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	16 QAM	PRB#0	-0 to 1	-0.02	-29.13	-13.5	-15.63	Pass
				-1 to 5	-1.5	-29.34	-8.5	-20.84	Pass
				-5 to 6	-5.5	-39.77	-11.5	-28.27	Pass
				- 6 to 10	-8.5	-40.07	-23.5	-16.57	Pass
				+0 to 1	0.08	-48.71	-13.5	-35.21	Pass
				+1 to 5	1.5	-32	-8.5	-23.5	Pass
				+5 to 6	5.5	-39.6	-11.5	-28.1	Pass
				+6 to 10	9.5	-39.41	-23.5	-15.91	Pass
			PRB#Max	-0 to 1	-0.08	-48.39	-13.5	-34.89	Pass
				-1 to 5	-1.5	-35.89	-8.5	-27.39	Pass
				-5 to 6	-5.5	-40.21	-11.5	-28.71	Pass
				- 6 to 10	-6.5	-40.28	-23.5	-16.78	Pass
				+0 to 1	0.02	-26.07	-13.5	-12.57	Pass
				+1 to 5	1.5	-27.83	-8.5	-19.33	Pass
				+5 to 6	5.5	-38.99	-11.5	-27.49	Pass
				+6 to 10	9.5	-39.36	-23.5	-15.86	Pass
			FRB	-0 to 1	-0.02	-34.82	-13.5	-21.32	Pass
				-1 to 5	-1.5	-29.04	-8.5	-20.54	Pass
				-5 to 6	-5.5	-37.11	-11.5	-25.61	Pass
				- 6 to 10	-6.5	-38.67	-23.5	-15.17	Pass
				+0 to 1	0.02	-33.85	-13.5	-20.35	Pass
				+1 to 5	1.5	-26.12	-8.5	-17.62	Pass
				+5 to 6	5.5	-36.44	-11.5	-24.94	Pass
				+6 to 10	6.5	-37.91	-23.5	-14.41	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21425	2567.5	QPSK	PRB#0	-0 to 1	-0.02	-22.6	-13.5	-9.1	Pass
				-1 to 5	-1.5	-26.85	-8.5	-18.35	Pass
				-5 to 6	-5.5	-38.37	-11.5	-26.87	Pass
				- 6 to 10	-6.5	-39.42	-23.5	-15.92	Pass
				+0 to 1	0.05	-45.92	-13.5	-32.42	Pass
				+1 to 5	1.5	-29.36	-8.5	-20.86	Pass
				+5 to 6	5.5	-39.74	-11.5	-28.24	Pass
				+6 to 10	9.5	-39.66	-23.5	-16.16	Pass
			PRB#Max	-0 to 1	-0.02	-44.02	-13.5	-30.52	Pass
				-1 to 5	-1.5	-31.68	-8.5	-23.18	Pass
				-5 to 6	-5.5	-40.43	-11.5	-28.93	Pass
				- 6 to 10	-6.5	-40.38	-23.5	-16.88	Pass
				+0 to 1	0.02	-21.54	-13.5	-8.04	Pass
				+1 to 5	1.5	-26.4	-8.5	-17.9	Pass
				+5 to 6	5.5	-38.74	-11.5	-27.24	Pass
				+6 to 10	9.5	-39.33	-23.5	-15.83	Pass
			FRB	-0 to 1	-0.02	-28.79	-13.5	-15.29	Pass
				-1 to 5	-1.5	-20.2	-8.5	-11.7	Pass
				-5 to 6	-5.5	-38.41	-11.5	-26.91	Pass
				- 6 to 10	-6.5	-39.49	-23.5	-15.99	Pass
				+0 to 1	0.02	-29.54	-13.5	-16.04	Pass
				+1 to 5	1.5	-19.91	-8.5	-11.41	Pass
				+5 to 6	5.5	-39	-11.5	-27.5	Pass
				+6 to 10	6.5	-39.13	-23.5	-15.63	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21425	2567.5	16 QAM	PRB#0	-0 to 1	-0.02	-25.82	-13.5	-12.32	Pass
				-1 to 5	-1.5	-29.4	-8.5	-20.9	Pass
				-5 to 6	-5.5	-39.21	-11.5	-27.71	Pass
				- 6 to 10	-7.5	-39.83	-23.5	-16.33	Pass
				+0 to 1	0.2	-47.91	-13.5	-34.41	Pass
				+1 to 5	1.5	-31.06	-8.5	-22.56	Pass
				+5 to 6	5.5	-39.84	-11.5	-28.34	Pass
				+6 to 10	9.5	-39.62	-23.5	-16.12	Pass
			PRB#Max	-0 to 1	-0.02	-47.06	-13.5	-33.56	Pass
				-1 to 5	-1.5	-33.59	-8.5	-25.09	Pass
				-5 to 6	-5.5	-40.34	-11.5	-28.84	Pass
				- 6 to 10	-6.5	-40.44	-23.5	-16.94	Pass
				+0 to 1	0.02	-24.15	-13.5	-10.65	Pass
				+1 to 5	1.5	-29.6	-8.5	-21.1	Pass
				+5 to 6	5.5	-39.23	-11.5	-27.73	Pass
				+6 to 10	9.5	-39.47	-23.5	-15.97	Pass
			FRB	-0 to 1	-0.02	-30.88	-13.5	-17.38	Pass
				-1 to 5	-1.5	-23.18	-8.5	-14.68	Pass
				-5 to 6	-5.5	-38.52	-11.5	-27.02	Pass
				- 6 to 10	-6.5	-39.54	-23.5	-16.04	Pass
				+0 to 1	0.02	-32.62	-13.5	-19.12	Pass
				+1 to 5	1.5	-22.58	-8.5	-14.08	Pass
				+5 to 6	5.5	-38.86	-11.5	-27.36	Pass
				+6 to 10	6.5	-39.33	-23.5	-15.83	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20800	2505	QPSK	PRB#0	-0 to 1	-0.02	-24.19	-16.5	-7.69	Pass
				-1 to 5	-1.5	-21.26	-8.5	-12.76	Pass
				-5 to 10	-8.5	-32.56	-11.5	-21.06	Pass
				- 10 to 15	-10.5	-39.49	-23.5	-15.99	Pass
				+0 to 1	0.83	-48.93	-16.5	-32.43	Pass
				+1 to 5	4.5	-37.18	-8.5	-28.68	Pass
				+5 to10	5.5	-37.1	-11.5	-25.6	Pass
				+10 to 15	10.5	-39.68	-23.5	-16.18	Pass
			PRB#Max	-0 to 1	-0.89	-47.79	-16.5	-31.29	Pass
				-1 to 5	-4.5	-34.57	-8.5	-26.07	Pass
				-5 to 10	-8.5	-34.29	-11.5	-22.79	Pass
				- 10 to 15	-10.5	-39.59	-23.5	-16.09	Pass
				+0 to 1	0.02	-25.46	-16.5	-8.96	Pass
				+1 to 5	1.5	-22.94	-8.5	-14.44	Pass
				+5 to10	5.5	-33.28	-11.5	-21.78	Pass
				+10 to 15	10.5	-39.35	-23.5	-15.85	Pass
			FRB	-0 to 1	-0.02	-31.84	-16.5	-15.34	Pass
				-1 to 5	-1.5	-20.62	-8.5	-12.12	Pass
				-5 to 10	-7.5	-27.24	-11.5	-15.74	Pass
				- 10 to 15	-10.5	-38.02	-23.5	-14.52	Pass
				+0 to 1	0.02	-32.01	-16.5	-15.51	Pass
				+1 to 5	1.5	-20.68	-8.5	-12.18	Pass
				+5 to10	7.5	-27.07	-11.5	-15.57	Pass
				+10 to 15	10.5	-38.91	-23.5	-15.41	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20800	2505	16 QAM	PRB#0	-0 to 1	-0.02	-27.79	-16.5	-11.29	Pass
				-1 to 5	-1.5	-24.68	-8.5	-16.18	Pass
				-5 to 10	-9.5	-34.89	-11.5	-23.39	Pass
				-10 to 15	-10.5	-39.59	-23.5	-16.09	Pass
				+0 to 1	0.38	-50.88	-16.5	-34.38	Pass
				+1 to 5	4.3	-38.13	-8.5	-29.63	Pass
				+5 to 10	5.5	-38.1	-11.5	-26.6	Pass
				+10 to 15	11.5	-39.57	-23.5	-16.07	Pass
			PRB#Max	-0 to 1	-0.26	-50.2	-16.5	-33.7	Pass
				-1 to 5	-2	-36.12	-8.5	-27.62	Pass
				-5 to 10	-8.5	-35.84	-11.5	-24.34	Pass
				-10 to 15	-10.5	-39.58	-23.5	-16.08	Pass
				+0 to 1	0.02	-29.01	-16.5	-12.51	Pass
				+1 to 5	1.5	-26.75	-8.5	-18.25	Pass
				+5 to 10	5.5	-35.31	-11.5	-23.81	Pass
				+10 to 15	10.5	-39.48	-23.5	-15.98	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	QPSK	PRB#0	-0 to 1	-0.02	-30.91	-16.5	-14.41	Pass
				-1 to 5	-1.5	-28.5	-8.5	-20	Pass
				-5 to 10	-8.5	-36.15	-11.5	-24.65	Pass
				- 10 to 15	-10.5	-39.63	-23.5	-16.13	Pass
				+0 to 1	0.38	-49.87	-16.5	-33.37	Pass
				+1 to 5	4.5	-34.68	-8.5	-26.18	Pass
				+5 to10	6.5	-34.49	-11.5	-22.99	Pass
				+10 to 15	10.5	-39.75	-23.5	-16.25	Pass
			PRB#Max	-0 to 1	-0.02	-49.4	-16.5	-32.9	Pass
				-1 to 5	-1.5	-35.33	-8.5	-26.83	Pass
				-5 to 10	-8.5	-35.01	-11.5	-23.51	Pass
				- 10 to 15	-10.5	-39.7	-23.5	-16.2	Pass
				+0 to 1	0.38	-25.99	-16.5	-9.49	Pass
				+1 to 5	10.5	-23.05	-8.5	-14.55	Pass
				+5 to10	6.5	-34.39	-11.5	-22.89	Pass
				+10 to 15	10.5	-39.48	-23.5	-15.98	Pass
			FRB	-0 to 1	-0.05	-36.22	-16.5	-19.72	Pass
				-1 to 5	-1.5	-28.55	-8.5	-20.05	Pass
				-5 to 10	-5.5	-33.02	-11.5	-21.52	Pass
				- 10 to 15	-10.5	-38.18	-23.5	-14.68	Pass
				+0 to 1	0.02	-35.34	-16.5	-18.84	Pass
				+1 to 5	1.5	-25.7	-8.5	-17.2	Pass
				+5 to10	5.5	-29.73	-11.5	-18.23	Pass
				+10 to 15	10.5	-38.33	-23.5	-14.83	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	16 QAM	PRB#0	-0 to 1	-0.02	-34.81	-16.5	-18.31	Pass
				-1 to 5	-1.5	-30.77	-8.5	-22.27	Pass
				-5 to 10	-8.5	-37.61	-11.5	-26.11	Pass
				-10 to 15	-10.5	-39.65	-23.5	-16.15	Pass
				+0 to 1	0.41	-51.2	-16.5	-34.7	Pass
				+1 to 5	4.3	-36.57	-8.5	-28.07	Pass
				+5 to 10	6.5	-36.65	-11.5	-25.15	Pass
				+10 to 15	10.5	-39.72	-23.5	-16.22	Pass
			PRB#Max	-0 to 1	-0.83	-52.21	-16.5	-35.71	Pass
				-1 to 5	-2	-34.62	-8.5	-26.12	Pass
				-5 to 10	-8.5	-34.21	-11.5	-22.71	Pass
				-10 to 15	-10.5	-39.63	-23.5	-16.13	Pass
				+0 to 1	0.05	-30.29	-16.5	-13.79	Pass
				+1 to 5	1.5	-26.48	-8.5	-17.98	Pass
				+5 to 10	5.5	-36.2	-11.5	-24.7	Pass
				+10 to 15	10.5	-39.47	-23.5	-15.97	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21400	2565	QPSK	PRB#0	-0 to 1	-0.02	-27.01	-16.5	-10.51	Pass
				-1 to 5	-1.5	-25.27	-8.5	-16.77	Pass
				-5 to 10	-8.5	-33.01	-11.5	-21.51	Pass
				- 10 to 15	-10.5	-39.23	-23.5	-15.73	Pass
				+0 to 1	0.35	-49.55	-16.5	-33.05	Pass
				+1 to 5	4.3	-33.87	-8.5	-25.37	Pass
				+5 to10	8.5	-33.67	-11.5	-22.17	Pass
				+10 to 15	10.5	-39.82	-23.5	-16.32	Pass
			PRB#Max	-0 to 1	-0.53	-48.15	-16.5	-31.65	Pass
				-1 to 5	-3	-31.37	-8.5	-22.87	Pass
				-5 to 10	-8.5	-30.81	-11.5	-19.31	Pass
				- 10 to 15	-10.5	-39.82	-23.5	-16.32	Pass
				+0 to 1	0.02	-23.09	-16.5	-6.59	Pass
				+1 to 5	1.5	-20.89	-8.5	-12.39	Pass
				+5 to10	5.5	-34.06	-11.5	-22.56	Pass
				+10 to 15	11.5	-39.35	-23.5	-15.85	Pass
			FRB	-0 to 1	-0.02	-33.36	-16.5	-16.86	Pass
				-1 to 5	-1.5	-22.72	-8.5	-14.22	Pass
				-5 to 10	-5.5	-28.53	-11.5	-17.03	Pass
				- 10 to 15	-10.5	-38.24	-23.5	-14.74	Pass
				+0 to 1	0.02	-33.21	-16.5	-16.71	Pass
				+1 to 5	1.5	-22.23	-8.5	-13.73	Pass
				+5 to10	5.5	-28.12	-11.5	-16.62	Pass
				+10 to 15	10.5	-39.22	-23.5	-15.72	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21400	2565	16 QAM	PRB#0	-0 to 1	-0.02	-31.06	-16.5	-14.56	Pass
				-1 to 5	-1.5	-28.52	-8.5	-20.02	Pass
				-5 to 10	-8.5	-35.2	-11.5	-23.7	Pass
				-10 to 15	-11.5	-39.53	-23.5	-16.03	Pass
				+0 to 1	0.53	-51.22	-16.5	-34.72	Pass
				+1 to 5	4.3	-35.17	-8.5	-26.67	Pass
				+5 to 10	7.5	-35.03	-11.5	-23.53	Pass
				+10 to 15	11.5	-39.83	-23.5	-16.33	Pass
			PRB#Max	-0 to 1	-0.29	-50.1	-16.5	-33.6	Pass
				-1 to 5	-1.5	-33.04	-8.5	-24.54	Pass
				-5 to 10	-8.5	-32.53	-11.5	-21.03	Pass
				-10 to 15	-10.5	-39.79	-23.5	-16.29	Pass
				+0 to 1	0.05	-27.51	-16.5	-11.01	Pass
				+1 to 5	1.5	-25.29	-8.5	-16.79	Pass
				+5 to 10	5.5	-35.57	-11.5	-24.07	Pass
				+10 to 15	10.5	-39.6	-23.5	-16.1	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20850	2510	QPSK	PRB#0	-0 to 1	-0.02	-26.83	-19.5	-7.33	Pass
				-1 to 5	-1.5	-20.11	-8.5	-11.61	Pass
				-5 to 20	-5.5	-36.19	-11.5	-24.69	Pass
				-20 to 25	-20.5	-40.25	-23.5	-16.75	Pass
				+0 to 1	0.08	-50.24	-19.5	-30.74	Pass
				+1 to 5	3.3	-38.54	-8.5	-30.04	Pass
				+5 to 20	5.5	-35.69	-11.5	-24.19	Pass
				+20 to 25	22.5	-40.21	-23.5	-16.71	Pass
			PRB#Max	-0 to 1	-0.56	-50.56	-19.5	-31.06	Pass
				-1 to 5	-3	-39.03	-8.5	-30.53	Pass
				-5 to 20	-5.5	-37.41	-11.5	-25.91	Pass
				-20 to 25	-20.5	-40.18	-23.5	-16.68	Pass
				+0 to 1	0.08	-32.42	-19.5	-12.92	Pass
				+1 to 5	1.5	-26.64	-8.5	-18.14	Pass
				+5 to 20	5.5	-35.1	-11.5	-23.6	Pass
				+20 to 25	21.5	-40.05	-23.5	-16.55	Pass
			FRB	-0 to 1	-0.11	-36.8	-19.5	-17.3	Pass
				-1 to 5	-1.5	-24.25	-8.5	-15.75	Pass
				-5 to 20	-5.5	-27.41	-11.5	-15.91	Pass
				-20 to 25	-21.5	-39.83	-23.5	-16.33	Pass
				+0 to 1	0.05	-37.01	-19.5	-17.51	Pass
				+1 to 5	2	-23.95	-8.5	-15.45	Pass
				+5 to 20	5.5	-27.47	-11.5	-15.97	Pass
				+20 to 25	20.5	-38.8	-23.5	-15.3	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
20850	2510	16 QAM	PRB#0	-0 to 1	-0.05	-29.25	-19.5	-9.75	Pass
				-1 to 5	-1.5	-21.68	-8.5	-13.18	Pass
				-5 to 20	-5.5	-36.81	-11.5	-25.31	Pass
				-20 to 25	-20.5	-40.14	-23.5	-16.64	Pass
				+0 to 1	0.98	-51.23	-19.5	-31.73	Pass
				+1 to 5	3	-38.99	-8.5	-30.49	Pass
				+5 to 20	5.5	-36.61	-11.5	-25.11	Pass
				+20 to 25	21.5	-40.08	-23.5	-16.58	Pass
			PRB#Max	-0 to 1	-0.02	-52.03	-19.5	-32.53	Pass
				-1 to 5	-3	-39.22	-8.5	-30.72	Pass
				-5 to 20	-5.5	-38.23	-11.5	-26.73	Pass
				-20 to 25	-22.5	-40.12	-23.5	-16.62	Pass
				+0 to 1	0.02	-36.03	-19.5	-16.53	Pass
				+1 to 5	1.5	-29.12	-8.5	-20.62	Pass
				+5 to 20	5.5	-36.86	-11.5	-25.36	Pass
				+20 to 25	20.5	-40.02	-23.5	-16.52	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	QPSK	PRB#0	-0 to 1	-0.11	-36.06	-19.5	-16.56	Pass
				-1 to 5	-1.5	-29.88	-8.5	-21.38	Pass
				-5 to 20	-5.5	-36.35	-11.5	-24.85	Pass
				-20 to 25	-23.5	-40.2	-23.5	-16.7	Pass
				+0 to 1	0.56	-49.87	-19.5	-30.37	Pass
				+1 to 5	2	-38.49	-8.5	-29.99	Pass
				+5 to 20	6.5	-32.45	-11.5	-20.95	Pass
				+20 to 25	24.5	-40.27	-23.5	-16.77	Pass
			PRB#Max	-0 to 1	-0.11	-52.19	-19.5	-32.69	Pass
				-1 to 5	-1.5	-39.09	-8.5	-30.59	Pass
				-5 to 20	-5.5	-38.35	-11.5	-26.85	Pass
				-20 to 25	-23.5	-40.21	-23.5	-16.71	Pass
				+0 to 1	0.56	-27.2	-19.5	-7.7	Pass
				+1 to 5	24.5	-20.3	-8.5	-11.8	Pass
				+5 to 20	6.5	-35.87	-11.5	-24.37	Pass
				+20 to 25	24.5	-40.11	-23.5	-16.61	Pass
			FRB	-0 to 1	-0.08	-42.77	-19.5	-23.27	Pass
				-1 to 5	-1.5	-31.83	-8.5	-23.33	Pass
				-5 to 20	-5.5	-33.77	-11.5	-22.27	Pass
				-20 to 25	-20.5	-38.78	-23.5	-15.28	Pass
				+0 to 1	0.05	-39.14	-19.5	-19.64	Pass
				+1 to 5	2	-27.12	-8.5	-18.62	Pass
				+5 to 20	5.5	-28.39	-11.5	-16.89	Pass
				+20 to 25	20.5	-38.93	-23.5	-15.43	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21100	2535	16 QAM	PRB#0	-0 to 1	-0.05	-39.47	-19.5	-19.97	Pass
				-1 to 5	-1.5	-32.04	-8.5	-23.54	Pass
				-5 to 20	-5.5	-37.94	-11.5	-26.44	Pass
				-20 to 25	-22.5	-40.2	-23.5	-16.7	Pass
				+0 to 1	0.17	-51.26	-19.5	-31.76	Pass
				+1 to 5	3	-39.11	-8.5	-30.61	Pass
				+5 to 20	5.5	-34.07	-11.5	-22.57	Pass
				+20 to 25	23.5	-40.28	-23.5	-16.78	Pass
			PRB#Max	-0 to 1	-0.92	-52.9	-19.5	-33.4	Pass
				-1 to 5	-3	-39.39	-8.5	-30.89	Pass
				-5 to 20	-5.5	-38.97	-11.5	-27.47	Pass
				-20 to 25	-20.5	-40.34	-23.5	-16.84	Pass
				+0 to 1	0.02	-30.35	-19.5	-10.85	Pass
				+1 to 5	1.5	-22.74	-8.5	-14.24	Pass
				+5 to 20	5.5	-37.06	-11.5	-25.56	Pass
				+20 to 25	23.5	-40.17	-23.5	-16.67	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21350	2560	QPSK	PRB#0	-0 to 1	-0.02	-28.49	-19.5	-8.99	Pass
				-1 to 5	-1.5	-21.43	-8.5	-12.93	Pass
				-5 to 20	-5.5	-32.81	-11.5	-21.31	Pass
				-20 to 25	-22.5	-40.19	-23.5	-16.69	Pass
				+0 to 1	0.38	-49.55	-19.5	-30.05	Pass
				+1 to 5	2	-38.61	-8.5	-30.11	Pass
				+5 to 20	5.5	-34.86	-11.5	-23.36	Pass
				+20 to 25	20.5	-40.32	-23.5	-16.82	Pass
			PRB#Max	-0 to 1	-0.89	-49.3	-19.5	-29.8	Pass
				-1 to 5	-3	-38.68	-8.5	-30.18	Pass
				-5 to 20	-6.5	-34.07	-11.5	-22.57	Pass
				-20 to 25	-20.5	-40.38	-23.5	-16.88	Pass
				+0 to 1	0.02	-27.57	-19.5	-8.07	Pass
				+1 to 5	1.5	-20.95	-8.5	-12.45	Pass
				+5 to 20	5.5	-35.11	-11.5	-23.61	Pass
				+20 to 25	20.5	-40.38	-23.5	-16.88	Pass
			FRB	-0 to 1	-0.05	-38.66	-19.5	-19.16	Pass
				-1 to 5	-1.5	-26.13	-8.5	-17.63	Pass
				-5 to 20	-5.5	-27.34	-11.5	-15.84	Pass
				-20 to 25	-20.5	-38.61	-23.5	-15.11	Pass
				+0 to 1	0.14	-38.69	-19.5	-19.19	Pass
				+1 to 5	1.5	-27.34	-8.5	-18.84	Pass
				+5 to 20	5.5	-29.29	-11.5	-17.79	Pass
				+20 to 25	20.5	-40.29	-23.5	-16.79	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21350	2560	16 QAM	PRB#0	-0 to 1	-0.32	-30.58	-19.5	-11.08	Pass
				-1 to 5	-1.5	-23.33	-8.5	-14.83	Pass
				-5 to 20	-5.5	-34.68	-11.5	-23.18	Pass
				-20 to 25	-23.5	-40.17	-23.5	-16.67	Pass
				+0 to 1	0.53	-50.78	-19.5	-31.28	Pass
				+1 to 5	2	-38.94	-8.5	-30.44	Pass
				+5 to 20	5.5	-35.66	-11.5	-24.16	Pass
				+20 to 25	20.5	-40.37	-23.5	-16.87	Pass
			PRB#Max	-0 to 1	-0.77	-50.96	-19.5	-31.46	Pass
				-1 to 5	-3	-39.25	-8.5	-30.75	Pass
				-5 to 20	-6.5	-35.34	-11.5	-23.84	Pass
				-20 to 25	-22.5	-40.37	-23.5	-16.87	Pass
				+0 to 1	0.02	-29.82	-19.5	-10.32	Pass
				+1 to 5	1.5	-23.14	-8.5	-14.64	Pass
				+5 to 20	5.5	-36.39	-11.5	-24.89	Pass
				+20 to 25	20.5	-40.26	-23.5	-16.76	Pass

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工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27225	704.5	QPSK	PRB#0	-0 to 1	-0.02	-22.05	-8.5	-13.55	Pass
				-1 to 5	-1.5	-29.75	-8.5	-21.25	Pass
				-5 to 6	-5.5	-39.11	-23.5	-15.61	Pass
				+0 to 1	0.02	-46.04	-8.5	-37.54	Pass
				+1 to 5	1.5	-32.92	-8.5	-24.42	Pass
				+5 to 6	5.5	-38.27	-23.5	-14.77	Pass
			PRB#Max	-0 to 1	-0.02	-46.72	-8.5	-38.22	Pass
				-1 to 5	-1.5	-32.01	-8.5	-23.51	Pass
				-5 to 6	-5.5	-39.11	-23.5	-15.61	Pass
				+0 to 1	0.02	-21.72	-8.5	-13.22	Pass
				+1 to 5	1.5	-30.05	-8.5	-21.55	Pass
				+5 to 6	5.5	-38.16	-23.5	-14.66	Pass
			FRB	-0 to 1	-0.02	-29.11	-8.5	-20.61	Pass
				-1 to 5	-1.5	-27.18	-8.5	-18.68	Pass
				-5 to 6	-5.5	-38.6	-23.5	-15.1	Pass
				+0 to 1	0.02	-29.15	-8.5	-20.65	Pass
				+1 to 5	1.5	-24.9	-8.5	-16.4	Pass
				+5 to 6	5.5	-36.3	-23.5	-12.8	Pass

工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27225	704.5	16 QAM	PRB#0	-0 to 1	-0.02	-23.81	-8.5	-15.31	Pass
				-1 to 5	-1.5	-30.73	-8.5	-22.23	Pass
				-5 to 6	-5.5	-39.06	-23.5	-15.56	Pass
				+0 to 1	0.99	-47.78	-8.5	-39.28	Pass
				+1 to 5	1.5	-33.87	-8.5	-25.37	Pass
				+5 to 6	5.5	-38.32	-23.5	-14.82	Pass
			PRB#Max	-0 to 1	-0.02	-47.42	-8.5	-38.92	Pass
				-1 to 5	-1.5	-32.73	-8.5	-24.23	Pass
				-5 to 6	-5.5	-39.03	-23.5	-15.53	Pass
				+0 to 1	0.02	-22.45	-8.5	-13.95	Pass
				+1 to 5	1.5	-30.88	-8.5	-22.38	Pass
				+5 to 6	5.5	-38.28	-23.5	-14.78	Pass
			FRB	-0 to 1	-0.02	-31.76	-8.5	-23.26	Pass
				-1 to 5	-1.5	-27.86	-8.5	-19.36	Pass
				-5 to 6	-5.5	-38.68	-23.5	-15.18	Pass
				+0 to 1	0.02	-30.38	-8.5	-21.88	Pass
				+1 to 5	1.5	-26.31	-8.5	-17.81	Pass
				+5 to 6	5.5	-36.23	-23.5	-12.73	Pass

工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	QPSK	PRB#0	-0 to 1	-0.02	-23.1	-8.5	-14.6	Pass
				-1 to 5	-1.5	-29.03	-8.5	-20.53	Pass
				-5 to 6	-5.5	-39.1	-23.5	-15.6	Pass
				+0 to 1	0.02	-45.86	-8.5	-37.36	Pass
				+1 to 5	1.5	-32.1	-8.5	-23.6	Pass
				+5 to 6	5.5	-38.51	-23.5	-15.01	Pass
			PRB#Max	-0 to 1	-0.99	-46.01	-8.5	-37.51	Pass
				-1 to 5	-1.5	-31.17	-8.5	-22.67	Pass
				-5 to 6	-5.5	-39.13	-23.5	-15.63	Pass
				+0 to 1	0.02	-23.71	-8.5	-15.21	Pass
				+1 to 5	1.5	-28.64	-8.5	-20.14	Pass
				+5 to 6	5.5	-38.45	-23.5	-14.95	Pass
			FRB	-0 to 1	-0.02	-28.88	-8.5	-20.38	Pass
				-1 to 5	-1.5	-23.97	-8.5	-15.47	Pass
				-5 to 6	-5.5	-35.77	-23.5	-12.27	Pass
				+0 to 1	0.02	-30.29	-8.5	-21.79	Pass
				+1 to 5	1.5	-24.05	-8.5	-15.55	Pass
				+5 to 6	5.5	-35.7	-23.5	-12.2	Pass

工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	16 QAM	PRB#0	-0 to 1	-0.02	-23.98	-8.5	-15.48	Pass
				-1 to 5	-1.5	-30.2	-8.5	-21.7	Pass
				-5 to 6	-5.5	-39.03	-23.5	-15.53	Pass
				+0 to 1	0.99	-47.82	-8.5	-39.32	Pass
				+1 to 5	1.5	-33.14	-8.5	-24.64	Pass
				+5 to 6	5.5	-38.67	-23.5	-15.17	Pass
			PRB#Max	-0 to 1	-0.99	-46.77	-8.5	-38.27	Pass
				-1 to 5	-1.5	-32	-8.5	-23.5	Pass
				-5 to 6	-5.5	-39.24	-23.5	-15.74	Pass
				+0 to 1	0.02	-23.76	-8.5	-15.26	Pass
				+1 to 5	1.5	-29.66	-8.5	-21.16	Pass
				+5 to 6	5.5	-38.48	-23.5	-14.98	Pass
			FRB	-0 to 1	-0.02	-31.63	-8.5	-23.13	Pass
				-1 to 5	-1.5	-25.55	-8.5	-17.05	Pass
				-5 to 6	-5.5	-36.28	-23.5	-12.78	Pass
				+0 to 1	0.02	-31.03	-8.5	-22.53	Pass
				+1 to 5	1.5	-25.41	-8.5	-16.91	Pass
				+5 to 6	5.5	-36.18	-23.5	-12.68	Pass

工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27645	746.5	QPSK	PRB#0	-0 to 1	-0.02	-23.53	-8.5	-15.03	Pass
				-1 to 5	-1.5	-27.35	-8.5	-18.85	Pass
				-5 to 6	-5.5	-39.01	-23.5	-15.51	Pass
				+0 to 1	0.02	-45.87	-8.5	-37.37	Pass
				+1 to 5	1.5	-30.47	-8.5	-21.97	Pass
				+5 to 6	5.5	-38.88	-23.5	-15.38	Pass
			PRB#Max	-0 to 1	-0.02	-45.39	-8.5	-36.89	Pass
				-1 to 5	-1.5	-33.26	-8.5	-24.76	Pass
				-5 to 6	-5.5	-39.28	-23.5	-15.78	Pass
				+0 to 1	0.02	-22.13	-8.5	-13.63	Pass
				+1 to 5	1.5	-27.34	-8.5	-18.84	Pass
				+5 to 6	5.5	-38.73	-23.5	-15.23	Pass
			FRB	-0 to 1	-0.02	-28.64	-8.5	-20.14	Pass
				-1 to 5	-1.5	-23.58	-8.5	-15.08	Pass
				-5 to 6	-5.5	-35.72	-23.5	-12.22	Pass
				+0 to 1	0.02	-29.33	-8.5	-20.83	Pass
				+1 to 5	1.5	-23.39	-8.5	-14.89	Pass
				+5 to 6	5.5	-38.33	-23.5	-14.83	Pass

工作頻寬 (MHz)	3			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27645	746.5	16 QAM	PRB#0	-0 to 1	-0.02	-23.87	-8.5	-15.37	Pass
				-1 to 5	-1.5	-28.35	-8.5	-19.85	Pass
				-5 to 6	-5.5	-39.36	-23.5	-15.86	Pass
				+0 to 1	0.02	-47.37	-8.5	-38.87	Pass
				+1 to 5	1.5	-31.98	-8.5	-23.48	Pass
				+5 to 6	5.5	-38.75	-23.5	-15.25	Pass
			PRB#Max	-0 to 1	-0.02	-46.25	-8.5	-37.75	Pass
				-1 to 5	-1.5	-33.9	-8.5	-25.4	Pass
				-5 to 6	-5.5	-39.31	-23.5	-15.81	Pass
				+0 to 1	0.02	-22.52	-8.5	-14.02	Pass
				+1 to 5	1.5	-28.14	-8.5	-19.64	Pass
				+5 to 6	5.5	-38.78	-23.5	-15.28	Pass
			FRB	-0 to 1	-0.02	-30.68	-8.5	-22.18	Pass
				-1 to 5	-1.5	-23.55	-8.5	-15.05	Pass
				-5 to 6	-5.5	-35.28	-23.5	-11.78	Pass
				+0 to 1	0.02	-30.4	-8.5	-21.9	Pass
				+1 to 5	1.5	-23.85	-8.5	-15.35	Pass
				+5 to 6	5.5	-38.15	-23.5	-14.65	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27235	705.5	QPSK	PRB#0	-0 to 1	-0.02	-27.29	-13.5	-13.79	Pass
				-1 to 5	-1.5	-24.89	-8.5	-16.39	Pass
				-5 to 6	-5.5	-38.77	-11.5	-27.27	Pass
				- 6 to 10	-8.5	-39.04	-23.5	-15.54	Pass
				+0 to 1	0.02	-47.14	-13.5	-33.64	Pass
				+1 to 5	3.3	-34.01	-8.5	-25.51	Pass
				+5 to 6	5.5	-38.1	-11.5	-26.6	Pass
				+6 to 10	9.5	-37.95	-23.5	-14.45	Pass
			PRB#Max	-0 to 1	-0.02	-47.99	-13.5	-34.49	Pass
				-1 to 5	-1.5	-33.83	-8.5	-25.33	Pass
				-5 to 6	-5.5	-39.09	-11.5	-27.59	Pass
				- 6 to 10	-9.5	-39.05	-23.5	-15.55	Pass
				+0 to 1	0.02	-27.83	-13.5	-14.33	Pass
				+1 to 5	1.5	-24.66	-8.5	-16.16	Pass
				+5 to 6	5.5	-37.03	-11.5	-25.53	Pass
				+6 to 10	6.5	-37.57	-23.5	-14.07	Pass
			FRB	-0 to 1	-0.02	-32.66	-13.5	-19.16	Pass
				-1 to 5	-1.5	-30.52	-8.5	-22.02	Pass
				-5 to 6	-5.5	-37.7	-11.5	-26.2	Pass
				- 6 to 10	-9.5	-38.77	-23.5	-15.27	Pass
				+0 to 1	0.02	-32.78	-13.5	-19.28	Pass
				+1 to 5	1.5	-27.19	-8.5	-18.69	Pass
				+5 to 6	5.5	-32.06	-11.5	-20.56	Pass
				+6 to 10	6.5	-32.58	-23.5	-9.08	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27235	705.5	16 QAM	PRB#0	-0 to 1	-0.02	-30.41	-13.5	-16.91	Pass
				-1 to 5	-1.5	-27.3	-8.5	-18.8	Pass
				-5 to 6	-5.5	-38.85	-11.5	-27.35	Pass
				- 6 to 10	-7.5	-38.98	-23.5	-15.48	Pass
				+0 to 1	0.02	-48.79	-13.5	-35.29	Pass
				+1 to 5	3.3	-34.91	-8.5	-26.41	Pass
				+5 to 6	5.5	-38.19	-11.5	-26.69	Pass
				+6 to 10	9.5	-37.82	-23.5	-14.32	Pass
			PRB#Max	-0 to 1	-0.02	-49.5	-13.5	-36	Pass
				-1 to 5	-1.5	-34.51	-8.5	-26.01	Pass
				-5 to 6	-5.5	-39.06	-11.5	-27.56	Pass
				- 6 to 10	-6.5	-39.05	-23.5	-15.55	Pass
				+0 to 1	0.02	-28.91	-13.5	-15.41	Pass
				+1 to 5	1.5	-26.21	-8.5	-17.71	Pass
				+5 to 6	5.5	-37.3	-11.5	-25.8	Pass
				+6 to 10	6.5	-37.59	-23.5	-14.09	Pass
			FRB	-0 to 1	-0.02	-34.05	-13.5	-20.55	Pass
				-1 to 5	-1.5	-30.59	-8.5	-22.09	Pass
				-5 to 6	-5.5	-38.23	-11.5	-26.73	Pass
				- 6 to 10	-6.5	-38.99	-23.5	-15.49	Pass
				+0 to 1	0.02	-33.98	-13.5	-20.48	Pass
				+1 to 5	1.5	-27.48	-8.5	-18.98	Pass
				+5 to 6	5.5	-33.22	-11.5	-21.72	Pass
				+6 to 10	6.5	-34.24	-23.5	-10.74	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	QPSK	PRB#0	-0 to 1	-0.02	-28.78	-13.5	-15.28	Pass
				-1 to 5	-1.5	-25.19	-8.5	-16.69	Pass
				-5 to 6	-5.5	-38.28	-11.5	-26.78	Pass
				- 6 to 10	-6.5	-38.71	-23.5	-15.21	Pass
				+0 to 1	0.02	-47.32	-13.5	-33.82	Pass
				+1 to 5	3.3	-33.36	-8.5	-24.86	Pass
				+5 to 6	5.5	-38.32	-11.5	-26.82	Pass
				+6 to 10	9.5	-38.11	-23.5	-14.61	Pass
			PRB#Max	-0 to 1	-0.02	-45.87	-13.5	-32.37	Pass
				-1 to 5	-1.5	-33.14	-8.5	-24.64	Pass
				-5 to 6	-5.5	-39.09	-11.5	-27.59	Pass
				- 6 to 10	-6.5	-39.2	-23.5	-15.7	Pass
				+0 to 1	0.02	-28.34	-13.5	-14.84	Pass
				+1 to 5	9.5	-23.99	-8.5	-15.49	Pass
				+5 to 6	5.5	-37.46	-11.5	-25.96	Pass
				+6 to 10	9.5	-37.77	-23.5	-14.27	Pass
			FRB	-0 to 1	-0.02	-32.2	-13.5	-18.7	Pass
				-1 to 5	-1.5	-25.24	-8.5	-16.74	Pass
				-5 to 6	-5.5	-34.24	-11.5	-22.74	Pass
				- 6 to 10	-6.5	-34.47	-23.5	-10.97	Pass
				+0 to 1	0.02	-31.94	-13.5	-18.44	Pass
				+1 to 5	1.5	-25.4	-8.5	-16.9	Pass
				+5 to 6	5.5	-32.6	-11.5	-21.1	Pass
				+6 to 10	6.5	-32.48	-23.5	-8.98	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	16 QAM	PRB#0	-0 to 1	-0.02	-29.62	-13.5	-16.12	Pass
				-1 to 5	-1.5	-26.16	-8.5	-17.66	Pass
				-5 to 6	-5.5	-38.59	-11.5	-27.09	Pass
				- 6 to 10	-6.5	-38.89	-23.5	-15.39	Pass
				+0 to 1	0.02	-48.77	-13.6	-35.17	Pass
				+1 to 5	3.3	-34.14	-8.5	-25.64	Pass
				+5 to 6	5.5	-38.38	-11.5	-26.88	Pass
				+6 to 10	9.5	-38.06	-23.5	-14.56	Pass
			PRB#Max	-0 to 1	-0.08	-48.49	-13.5	-34.99	Pass
				-1 to 5	-1.5	-33.9	-8.5	-25.4	Pass
				-5 to 6	-5.5	-39.16	-11.5	-27.66	Pass
				- 6 to 10	-6.5	-39.18	-23.5	-15.68	Pass
				+0 to 1	0.02	-29.99	-13.5	-16.49	Pass
				+1 to 5	1.5	-25.28	-8.5	-16.78	Pass
				+5 to 6	5.5	-37.83	-11.5	-26.33	Pass
				+6 to 10	9.5	-38.06	-23.5	-14.56	Pass
			FRB	-0 to 1	-0.02	-33.42	-13.5	-19.92	Pass
				-1 to 5	-1.5	-26.54	-8.5	-18.04	Pass
				-5 to 6	-5.5	-34.38	-11.5	-22.88	Pass
				- 6 to 10	-7.5	-35.67	-23.5	-12.17	Pass
				+0 to 1	0.02	-33.92	-13.5	-20.42	Pass
				+1 to 5	1.5	-26.83	-8.5	-18.33	Pass
				+5 to 6	5.5	-33.07	-11.5	-21.57	Pass
				+6 to 10	6.5	-34.26	-23.5	-10.76	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27635	745.5	QPSK	PRB#0	-0 to 1	-0.02	-27.42	-13.5	-13.92	Pass
				-1 to 5	-1.5	-23.1	-8.5	-14.6	Pass
				-5 to 6	-5.5	-37.97	-11.5	-26.47	Pass
				- 6 to 10	-6.5	-38.66	-23.5	-15.16	Pass
				+0 to 1	0.02	-46.2	-13.5	-32.7	Pass
				+1 to 5	3.3	-32.85	-8.5	-24.35	Pass
				+5 to 6	5.5	-38.72	-11.5	-27.22	Pass
				+6 to 10	9.5	-38.27	-23.5	-14.77	Pass
			PRB#Max	-0 to 1	-0.02	-44.14	-13.5	-30.64	Pass
				-1 to 5	-3.3	-33.58	-8.5	-25.08	Pass
				-5 to 6	-5.5	-39.19	-11.5	-27.69	Pass
				- 6 to 10	-9.5	-39.38	-23.5	-15.88	Pass
				+0 to 1	0.02	-26.69	-13.5	-13.19	Pass
				+1 to 5	1.5	-21.32	-8.5	-12.82	Pass
				+5 to 6	5.5	-38.57	-11.5	-27.07	Pass
				+6 to 10	9.5	-38.41	-23.5	-14.91	Pass
			FRB	-0 to 1	-0.02	-30.96	-13.5	-17.46	Pass
				-1 to 5	-1.5	-23.69	-8.5	-15.19	Pass
				-5 to 6	-5.5	-31.34	-11.5	-19.84	Pass
				- 6 to 10	-6.5	-31.64	-23.5	-8.14	Pass
				+0 to 1	0.02	-30.97	-13.5	-17.47	Pass
				+1 to 5	1.5	-24.17	-8.5	-15.67	Pass
				+5 to 6	5.5	-36.77	-11.5	-25.27	Pass
				+6 to 10	6.5	-37.99	-23.5	-14.49	Pass

工作頻寬 (MHz)	5			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27635	745.5	16 QAM	PRB#0	-0 to 1	-0.02	-29.55	-13.5	-16.05	Pass
				-1 to 5	-1.5	-24.78	-8.5	-16.28	Pass
				-5 to 6	-5.5	-38.45	-11.5	-26.95	Pass
				- 6 to 10	-7.5	-39.04	-23.5	-15.54	Pass
				+0 to 1	0.02	-48.75	-13.5	-35.25	Pass
				+1 to 5	3.3	-33.76	-8.5	-25.26	Pass
				+5 to 6	5.5	-38.64	-11.5	-27.14	Pass
				+6 to 10	9.5	-38.35	-23.5	-14.85	Pass
			PRB#Max	-0 to 1	-0.02	-47.44	-13.5	-33.94	Pass
				-1 to 5	-3.3	-34.63	-8.5	-26.13	Pass
				-5 to 6	-5.5	-39.31	-11.5	-27.81	Pass
				- 6 to 10	-7.5	-39.32	-23.5	-15.82	Pass
				+0 to 1	0.02	-28.48	-13.5	-14.98	Pass
				+1 to 5	1.5	-23.7	-8.5	-15.2	Pass
				+5 to 6	5.5	-38.58	-11.5	-27.08	Pass
				+6 to 10	9.5	-38.37	-23.5	-14.87	Pass
			FRB	-0 to 1	-0.02	-32.75	-13.5	-19.25	Pass
				-1 to 5	-1.5	-25.2	-8.5	-16.7	Pass
				-5 to 6	-5.5	-32.63	-11.5	-21.13	Pass
				- 6 to 10	-6.5	-33.79	-23.5	-10.29	Pass
				+0 to 1	0.02	-34.03	-13.5	-20.53	Pass
				+1 to 5	1.5	-26.14	-8.5	-17.64	Pass
				+5 to 6	5.5	-37.18	-11.5	-25.68	Pass
				+6 to 10	6.5	-38.24	-23.5	-14.74	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27260	708	QPSK	PRB#0	-0 to 1	-0.02	-29.58	-16.5	-13.08	Pass
				-1 to 5	-1.5	-24.13	-8.5	-15.63	Pass
				-5 to 10	-8.5	-38.11	-11.5	-26.61	Pass
				- 10 to 15	-10.5	-38.29	-23.5	-14.79	Pass
				+0 to 1	0.02	-50.11	-16.5	-33.61	Pass
				+1 to 5	4.5	-36.69	-8.5	-28.19	Pass
				+5 to 10	7.5	-36.48	-11.5	-24.98	Pass
				+10 to 15	10.5	-38.16	-23.5	-14.66	Pass
			PRB#Max	-0 to 1	-0.08	-51	-16.5	-34.5	Pass
				-1 to 5	-1.5	-38.3	-8.5	-29.8	Pass
				-5 to 10	-8.5	-38.13	-11.5	-26.63	Pass
				- 10 to 15	-10.5	-38.35	-23.5	-14.85	Pass
				+0 to 1	0.02	-32.23	-16.5	-15.73	Pass
				+1 to 5	1.5	-24.78	-8.5	-16.28	Pass
				+5 to 10	5.5	-36.21	-11.5	-24.71	Pass
				+10 to 15	11.5	-37.55	-23.5	-14.05	Pass
			FRB	-0 to 1	-0.02	-38.3	-16.5	-21.8	Pass
				-1 to 5	-1.5	-31.24	-8.5	-22.74	Pass
				-5 to 10	-8.5	-37.63	-11.5	-26.13	Pass
				- 10 to 15	-10.5	-38.3	-23.5	-14.8	Pass
				+0 to 1	0.05	-37.73	-16.5	-21.23	Pass
				+1 to 5	1.5	-30.02	-8.5	-21.52	Pass
				+5 to 10	5.5	-29.62	-11.5	-18.12	Pass
				+10 to 15	10.5	-33.75	-23.5	-10.25	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27260	708	16 QAM	PRB#0	-0 to 1	-0.02	-33.39	-16.5	-16.89	Pass
				-1 to 5	-1.5	-27.26	-8.5	-18.76	Pass
				-5 to 10	-8.5	-38.06	-11.5	-26.56	Pass
				-10 to 15	-10.5	-38.25	-23.5	-14.75	Pass
				+0 to 1	0.02	-51.49	-16.5	-34.99	Pass
				+1 to 5	4.5	-36.86	-8.5	-28.36	Pass
				+5 to 10	6.5	-36.6	-11.5	-25.1	Pass
				+10 to 15	10.5	-38.32	-23.5	-14.82	Pass
			PRB#Max	-0 to 1	-0.11	-51.85	-16.5	-35.35	Pass
				-1 to 5	-1.5	-38.42	-8.5	-29.92	Pass
				-5 to 10	-8.5	-38.03	-11.5	-26.53	Pass
				-10 to 15	-11.5	-38.33	-23.5	-14.83	Pass
				+0 to 1	0.02	-34.55	-16.5	-18.05	Pass
				+1 to 5	1.5	-26.81	-8.5	-18.31	Pass
				+5 to 10	5.5	-36.81	-11.5	-25.31	Pass
				+10 to 15	11.5	-37.79	-23.5	-14.29	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	QPSK	PRB#0	-0 to 1	-0.02	-30.67	-16.5	-14.17	Pass
				-1 to 5	-1.5	-24.08	-8.5	-15.58	Pass
				-5 to 10	-8.5	-36.86	-11.5	-25.36	Pass
				-10 to 15	-10.5	-38.4	-23.5	-14.9	Pass
				+0 to 1	0.08	-49.57	-16.5	-33.07	Pass
				+1 to 5	4.5	-36.71	-8.5	-28.21	Pass
				+5 to 10	6.5	-36.52	-11.5	-25.02	Pass
				+10 to 15	10.5	-38.25	-23.5	-14.75	Pass
			PRB#Max	-0 to 1	-0.02	-50.98	-16.5	-34.48	Pass
				-1 to 5	-1.5	-38.12	-8.5	-29.62	Pass
				-5 to 10	-8.5	-38.25	-11.5	-26.75	Pass
				-10 to 15	-10.5	-38.44	-23.5	-14.94	Pass
				+0 to 1	0.08	-32.19	-16.5	-15.69	Pass
				+1 to 5	10.5	-24.15	-8.5	-15.65	Pass
				+5 to 10	6.5	-35.9	-11.5	-24.4	Pass
				+10 to 15	10.5	-37.99	-23.5	-14.49	Pass
			FRB	-0 to 1	-0.05	-37.73	-16.5	-21.23	Pass
				-1 to 5	-1.5	-26.27	-8.5	-17.77	Pass
				-5 to 10	-8.5	-31.57	-11.5	-20.07	Pass
				-10 to 15	-10.5	-38.56	-23.5	-15.06	Pass
				+0 to 1	0.02	-37.25	-16.5	-20.75	Pass
				+1 to 5	1.5	-26.3	-8.5	-17.8	Pass
				+5 to 10	5.5	-29.55	-11.5	-18.05	Pass
				+10 to 15	10.5	-34.7	-23.5	-11.2	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	16 QAM	PRB#0	-0 to 1	-0.02	-32.49	-16.5	-15.99	Pass
				-1 to 5	-1.5	-25.49	-8.5	-16.99	Pass
				-5 to 10	-8.5	-37.54	-11.5	-26.04	Pass
				-10 to 15	-10.5	-38.48	-23.5	-14.98	Pass
				+0 to 1	0.02	-51.36	-16.5	-34.86	Pass
				+1 to 5	4.3	-37.02	-8.5	-28.52	Pass
				+5 to 10	7.5	-36.86	-11.5	-25.36	Pass
				+10 to 15	10.5	-38.35	-23.5	-14.85	Pass
			PRB#Max	-0 to 1	-0.05	-51.89	-16.5	-35.39	Pass
				-1 to 5	-3.3	-38.56	-8.5	-30.06	Pass
				-5 to 10	-8.5	-38.21	-11.5	-26.71	Pass
				-10 to 15	-11.5	-38.43	-23.5	-14.93	Pass
				+0 to 1	0.02	-33.24	-16.5	-16.74	Pass
				+1 to 5	1.5	-25.14	-8.5	-16.64	Pass
				+5 to 10	6.5	-36.9	-11.5	-25.4	Pass
				+10 to 15	10.5	-37.99	-23.5	-14.49	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27610	743	QPSK	PRB#0	-0 to 1	-0.02	-30.72	-16.5	-14.22	Pass
				-1 to 5	-1.5	-23.54	-8.5	-15.04	Pass
				-5 to 10	-8.5	-35.8	-11.5	-24.3	Pass
				- 10 to 15	-10.5	-38.34	-23.5	-14.84	Pass
				+0 to 1	0.02	-50.12	-16.5	-33.62	Pass
				+1 to 5	4.5	-37.93	-8.5	-29.43	Pass
				+5 to 10	7.5	-38.15	-11.5	-26.65	Pass
				+10 to 15	10.5	-38.44	-23.5	-14.94	Pass
			PRB#Max	-0 to 1	-0.05	-50.41	-16.5	-33.91	Pass
				-1 to 5	-4.5	-37.72	-8.5	-29.22	Pass
				-5 to 10	-8.5	-37.87	-11.5	-26.37	Pass
				- 10 to 15	-10.5	-38.49	-23.5	-14.99	Pass
				+0 to 1	0.02	-29.87	-16.5	-13.37	Pass
				+1 to 5	1.5	-21.77	-8.5	-13.27	Pass
				+5 to 10	5.5	-38.08	-11.5	-26.58	Pass
				+10 to 15	10.5	-38.47	-23.5	-14.97	Pass
			FRB	-0 to 1	-0.02	-35.78	-16.5	-19.28	Pass
				-1 to 5	-1.5	-24.38	-8.5	-15.88	Pass
				-5 to 10	-5.5	-28.82	-11.5	-17.32	Pass
				- 10 to 15	-10.5	-34.06	-23.5	-10.56	Pass
				+0 to 1	0.02	-36.33	-16.5	-19.83	Pass
				+1 to 5	1.5	-25.02	-8.5	-16.52	Pass
				+5 to 10	5.5	-35.02	-11.5	-23.52	Pass
				+10 to 15	10.5	-38.56	-23.5	-15.06	Pass

工作頻寬 (MHz)	10			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27610	743	16 QAM	PRB#0	-0 to 1	-0.02	-32.25	-16.5	-15.75	Pass
				-1 to 5	-1.5	-24.6	-8.5	-16.1	Pass
				-5 to 10	-8.5	-36.87	-11.5	-25.37	Pass
				-10 to 15	-10.5	-38.36	-23.5	-14.86	Pass
				+0 to 1	0.08	-51.34	-16.5	-34.84	Pass
				+1 to 5	3.3	-38.08	-8.5	-29.58	Pass
				+5 to 10	7.5	-38.1	-11.5	-26.6	Pass
				+10 to 15	10.5	-38.58	-23.5	-15.08	Pass
			PRB#Max	-0 to 1	-0.08	-51.68	-16.5	-35.18	Pass
				-1 to 5	-4.5	-37.95	-8.5	-29.45	Pass
				-5 to 10	-8.5	-37.84	-11.5	-26.34	Pass
				-10 to 15	-10.5	-38.48	-23.5	-14.98	Pass
				+0 to 1	0.02	-31.35	-16.5	-14.85	Pass
				+1 to 5	1.5	-23.77	-8.5	-15.27	Pass
				+5 to 10	5.5	-38.19	-11.5	-26.69	Pass
				+10 to 15	10.5	-38.41	-23.5	-14.91	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27310	713	QPSK	PRB#0	-0 to 1	-0.02	-35.28	-19.5	-15.78	Pass
				-1 to 5	-1.5	-26.86	-8.5	-18.36	Pass
				-5 to 20	-5.5	-37.9	-11.5	-26.4	Pass
				-20 to 25	-22.5	-39.09	-23.5	-15.59	Pass
				+0 to 1	0.29	-51.14	-19.5	-31.64	Pass
				+1 to 5	3	-37.65	-8.5	-29.15	Pass
				+5 to 20	5.5	-37.25	-11.5	-25.75	Pass
				+20 to 25	23.5	-38.96	-23.5	-15.46	Pass
			PRB#Max	-0 to 1	-0.11	-53.42	-19.5	-33.92	Pass
				-1 to 5	-3	-37.95	-8.5	-29.45	Pass
				-5 to 20	-5.5	-38.42	-11.5	-26.92	Pass
				-20 to 25	-20.5	-39.2	-23.5	-15.7	Pass
				+0 to 1	0.08	-36.37	-19.5	-16.87	Pass
				+1 to 5	1.5	-25.74	-8.5	-17.24	Pass
				+5 to 20	5.5	-35.28	-11.5	-23.78	Pass
				+20 to 25	20.5	-38.95	-23.5	-15.45	Pass
			FRB	-0 to 1	-0.2	-41.31	-19.5	-21.81	Pass
				-1 to 5	-1.5	-28.7	-8.5	-20.2	Pass
				-5 to 20	-5.5	-35.13	-11.5	-23.63	Pass
				-20 to 25	-22.5	-39.12	-23.5	-15.62	Pass
				+0 to 1	0.32	-43.78	-19.5	-24.28	Pass
				+1 to 5	1.5	-30.89	-8.5	-22.39	Pass
				+5 to 20	7.5	-31.11	-11.5	-19.61	Pass
				+20 to 25	20.5	-38.92	-23.5	-15.42	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27310	713	16 QAM	PRB#0	-0 to 1	-0.08	-37.97	-19.5	-18.47	Pass
				-1 to 5	-1.5	-29.08	-8.5	-20.58	Pass
				-5 to 20	-5.5	-37.86	-11.5	-26.36	Pass
				-20 to 25	-21.5	-39.15	-23.5	-15.65	Pass
				+0 to 1	0.08	-51.62	-19.5	-32.12	Pass
				+1 to 5	2	-37.88	-8.5	-29.38	Pass
				+5 to 20	5.5	-37.48	-11.5	-25.98	Pass
				+20 to 25	22.5	-38.98	-23.5	-15.48	Pass
			PRB#Max	-0 to 1	-0.23	-53.16	-19.5	-33.66	Pass
				-1 to 5	-3	-38.12	-8.5	-29.62	Pass
				-5 to 20	-5.5	-38.41	-11.5	-26.91	Pass
				-20 to 25	-23.5	-39.1	-23.5	-15.6	Pass
				+0 to 1	0.02	-37.17	-19.5	-17.67	Pass
				+1 to 5	1.5	-26.67	-8.5	-18.17	Pass
				+5 to 20	5.5	-35.83	-11.5	-24.33	Pass
				+20 to 25	20.5	-38.92	-23.5	-15.42	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	QPSK	PRB#0	-0 to 1	-0.02	-35.95	-19.5	-16.45	Pass
				-1 to 5	-1.5	-25.75	-8.5	-17.25	Pass
				-5 to 20	-5.5	-35.55	-11.5	-24.05	Pass
				- 20 to 25	-23.5	-39.17	-23.5	-15.67	Pass
				+0 to 1	0.02	-51.47	-19.5	-31.97	Pass
				+1 to 5	2	-37.97	-8.5	-29.47	Pass
				+5 to 20	5.5	-38.3	-11.5	-26.8	Pass
				+20 to 25	21.5	-39.02	-23.5	-15.52	Pass
			PRB#Max	-0 to 1	-0.02	-52.36	-19.5	-32.86	Pass
				-1 to 5	-1.5	-37.92	-8.5	-29.42	Pass
				-5 to 20	-5.5	-36.63	-11.5	-25.13	Pass
				- 20 to 25	-23.5	-39.33	-23.5	-15.83	Pass
				+0 to 1	0.02	-24.65	-19.5	-5.15	Pass
				+1 to 5	21.5	-20.17	-8.5	-11.67	Pass
				+5 to 20	5.5	-38.42	-11.5	-26.92	Pass
				+20 to 25	21.5	-39.02	-23.5	-15.52	Pass
			FRB	-0 to 1	-0.02	-38.49	-19.5	-18.99	Pass
				-1 to 5	-1.5	-24.78	-8.5	-16.28	Pass
				-5 to 20	-5.5	-25.71	-11.5	-14.21	Pass
				- 20 to 25	-20.5	-39.13	-23.5	-15.63	Pass
				+0 to 1	0.08	-40.86	-19.5	-21.36	Pass
				+1 to 5	2	-28.86	-8.5	-20.36	Pass
				+5 to 20	7.5	-38.22	-11.5	-26.72	Pass
				+20 to 25	20.5	-39.01	-23.5	-15.51	Pass

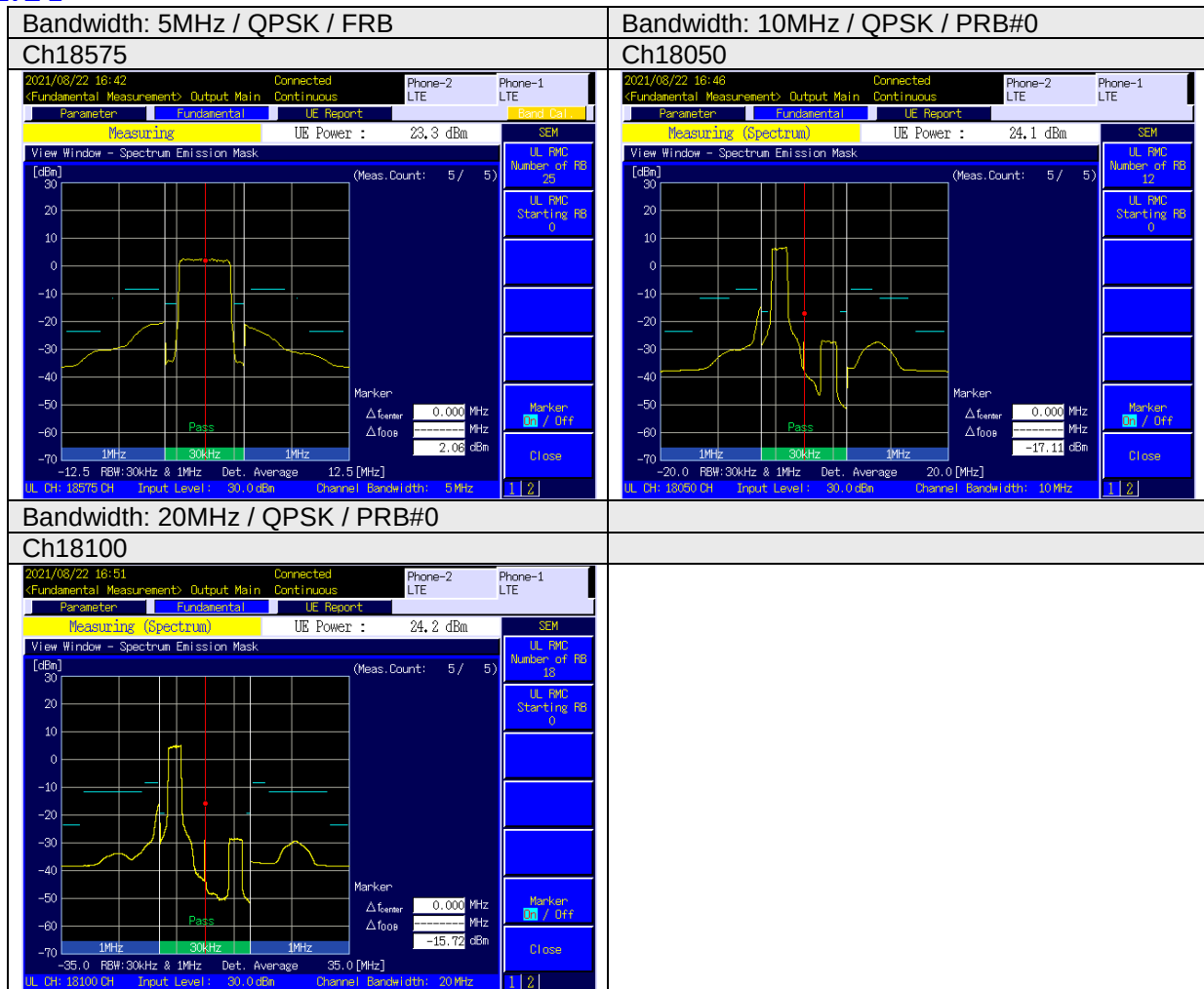
工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27435	725.5	16 QAM	PRB#0	-0 to 1	-0.05	-36.68	-19.5	-17.18	Pass
				-1 to 5	-1.5	-26.57	-8.5	-18.07	Pass
				-5 to 20	-5.5	-35.45	-11.5	-23.95	Pass
				-20 to 25	-24.5	-39.26	-23.5	-15.76	Pass
				+0 to 1	0.35	-52.02	-19.5	-32.52	Pass
				+1 to 5	3	-38.08	-8.5	-29.58	Pass
				+5 to 20	6.5	-38.29	-11.5	-26.79	Pass
				+20 to 25	23.5	-39.09	-23.5	-15.59	Pass
			PRB#Max	-0 to 1	-0.02	-53.36	-19.5	-33.86	Pass
				-1 to 5	-3	-38.01	-8.5	-29.51	Pass
				-5 to 20	-5.5	-37.29	-11.5	-25.79	Pass
				-20 to 25	-20.5	-39.32	-23.5	-15.82	Pass
				+0 to 1	0.02	-29.12	-19.5	-9.62	Pass
				+1 to 5	1.5	-23.24	-8.5	-14.74	Pass
				+5 to 20	5.5	-38.31	-11.5	-26.81	Pass
				+20 to 25	24.5	-39.12	-23.5	-15.62	Pass

工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27560	738	QPSK	PRB#0	-0 to 1	-0.05	-34.32	-19.5	-14.82	Pass
				-1 to 5	-1.5	-25.32	-8.5	-16.82	Pass
				-5 to 20	-5.5	-34.57	-11.5	-23.07	Pass
				-20 to 25	-21.5	-39.32	-23.5	-15.82	Pass
				+0 to 1	0.05	-51.3	-19.5	-31.8	Pass
				+1 to 5	2	-37.85	-8.5	-29.35	Pass
				+5 to 20	5.5	-38.56	-11.5	-27.06	Pass
				+20 to 25	20.5	-39.14	-23.5	-15.64	Pass
			PRB#Max	-0 to 1	-0.02	-53.35	-19.5	-33.85	Pass
				-1 to 5	-3.3	-38.05	-8.5	-29.55	Pass
				-5 to 20	-10.5	-37.28	-11.5	-25.78	Pass
				-20 to 25	-21.5	-39.35	-23.5	-15.85	Pass
				+0 to 1	0.2	-33.89	-19.5	-14.39	Pass
				+1 to 5	1.5	-23.66	-8.5	-15.16	Pass
				+5 to 20	5.5	-37.65	-11.5	-26.15	Pass
				+20 to 25	23.5	-39.24	-23.5	-15.74	Pass
			FRB	-0 to 1	-0.05	-37.03	-19.5	-17.53	Pass
				-1 to 5	-4.5	-23.41	-8.5	-14.91	Pass
				-5 to 20	-8.5	-26.06	-11.5	-14.56	Pass
				-20 to 25	-21.5	-39.34	-23.5	-15.84	Pass
				+0 to 1	0.2	-39.24	-19.5	-19.74	Pass
				+1 to 5	1.5	-25.37	-8.5	-16.87	Pass
				+5 to 20	5.5	-34.16	-11.5	-22.66	Pass
				+20 to 25	20.5	-39.18	-23.5	-15.68	Pass

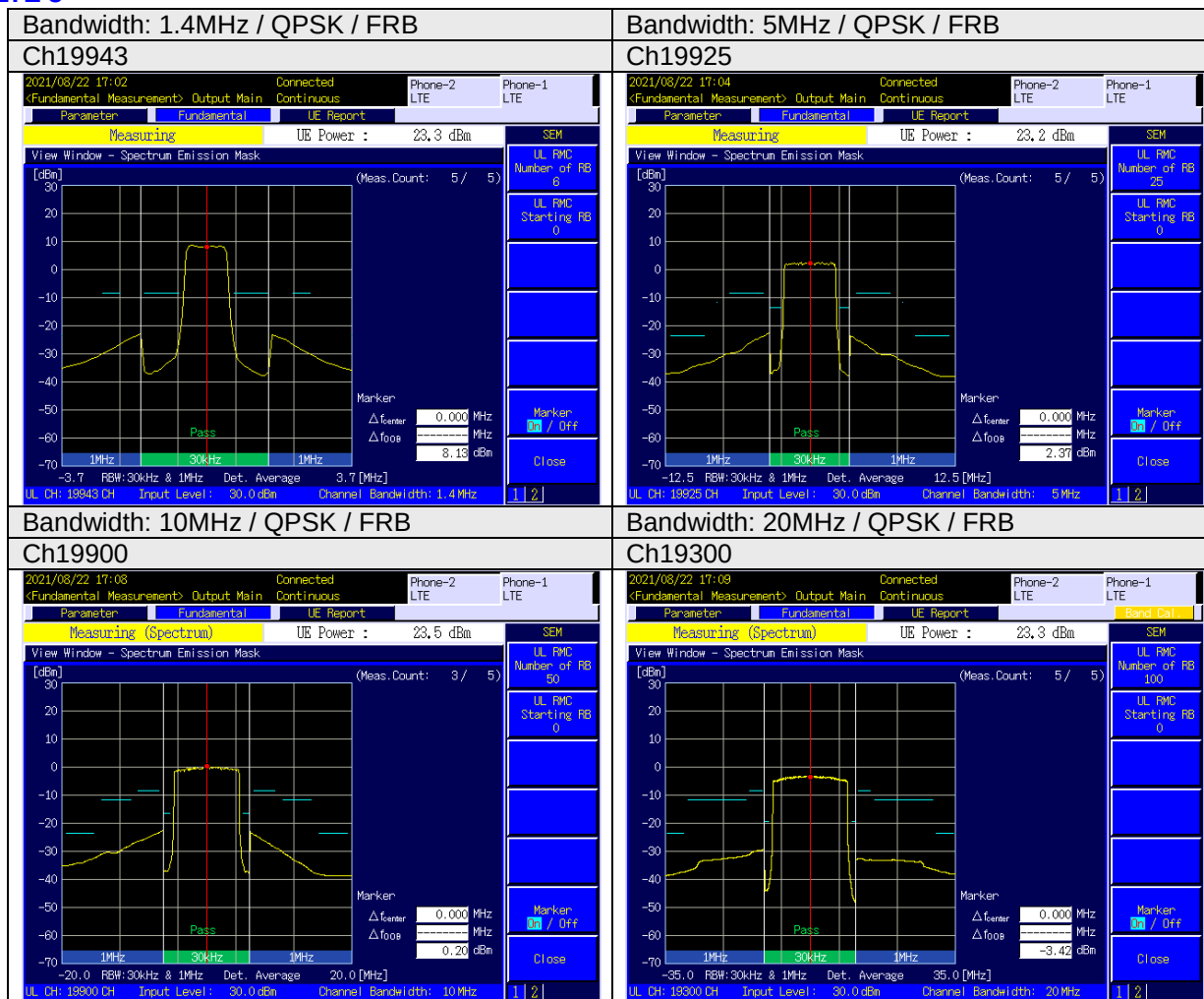
工作頻寬 (MHz)	20			發射頻譜波罩					
頻道	頻率	調變	RB	Δf_{OOB}	最高測試頻率點	測試值	測試限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(+/-MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27560	738	16 QAM	PRB#0	-0 to 1	-0.05	-35.46	-19.5	-15.96	Pass
				-1 to 5	-1.5	-25.73	-8.5	-17.23	Pass
				-5 to 20	-5.5	-34.86	-11.5	-23.36	Pass
				-20 to 25	-24.5	-39.28	-23.5	-15.78	Pass
				+0 to 1	0.17	-51.91	-19.5	-32.41	Pass
				+1 to 5	2	-38.02	-8.5	-29.52	Pass
				+5 to 20	5.5	-38.42	-11.5	-26.92	Pass
				+20 to 25	20.5	-39.15	-23.5	-15.65	Pass
			PRB#Max	-0 to 1	-0.08	-53.8	-19.5	-34.3	Pass
				-1 to 5	-3.3	-38.26	-8.5	-29.76	Pass
				-5 to 20	-10.5	-37.63	-11.5	-26.13	Pass
				-20 to 25	-23.5	-39.38	-23.5	-15.88	Pass
				+0 to 1	0.02	-35.24	-19.5	-15.74	Pass
				+1 to 5	1.5	-25.29	-8.5	-16.79	Pass
				+5 to 20	5.5	-37.89	-11.5	-26.39	Pass
				+20 to 25	20.5	-39.16	-23.5	-15.66	Pass

**此測試圖僅放測試結果最差的頻道。

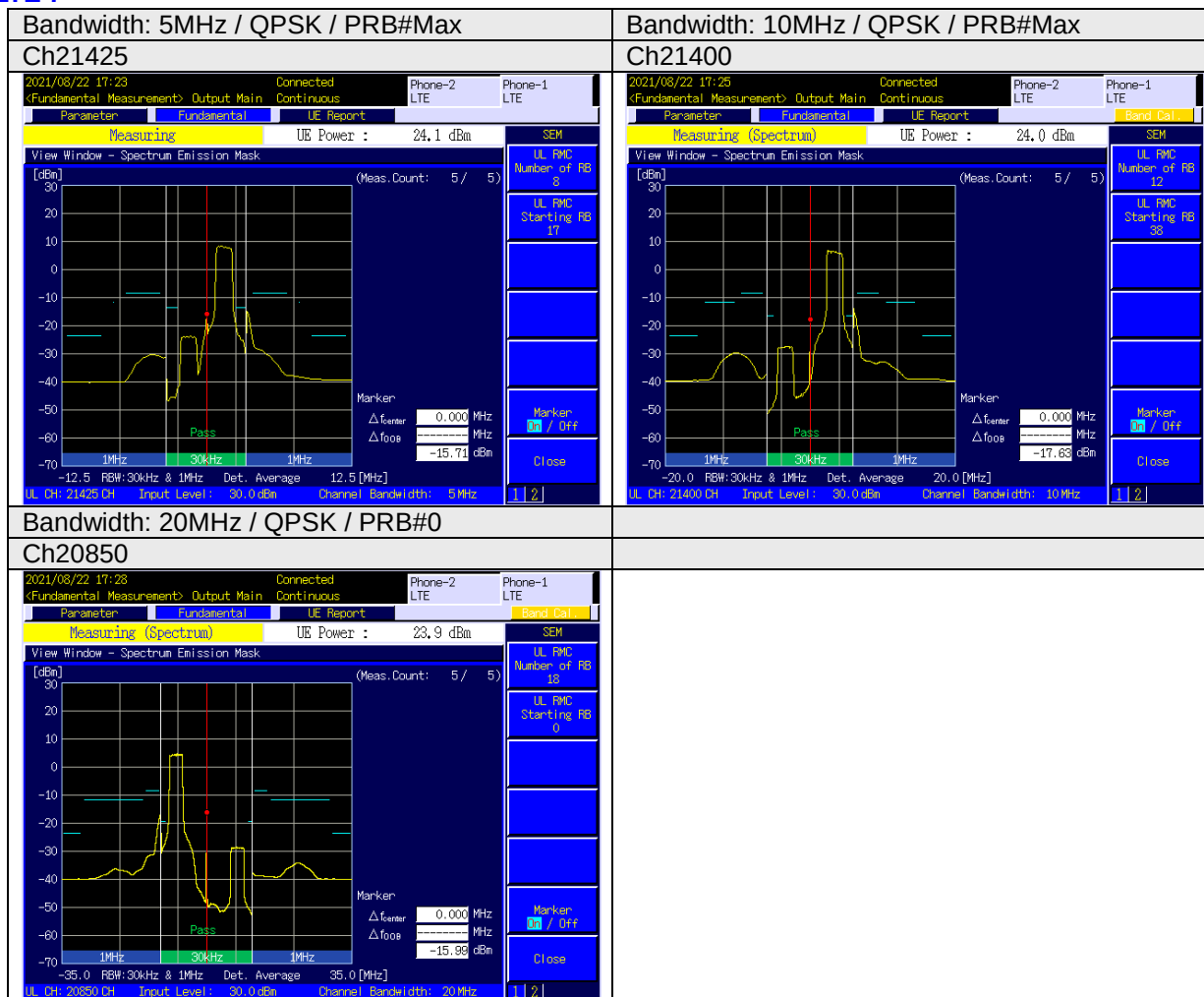
LTE 1



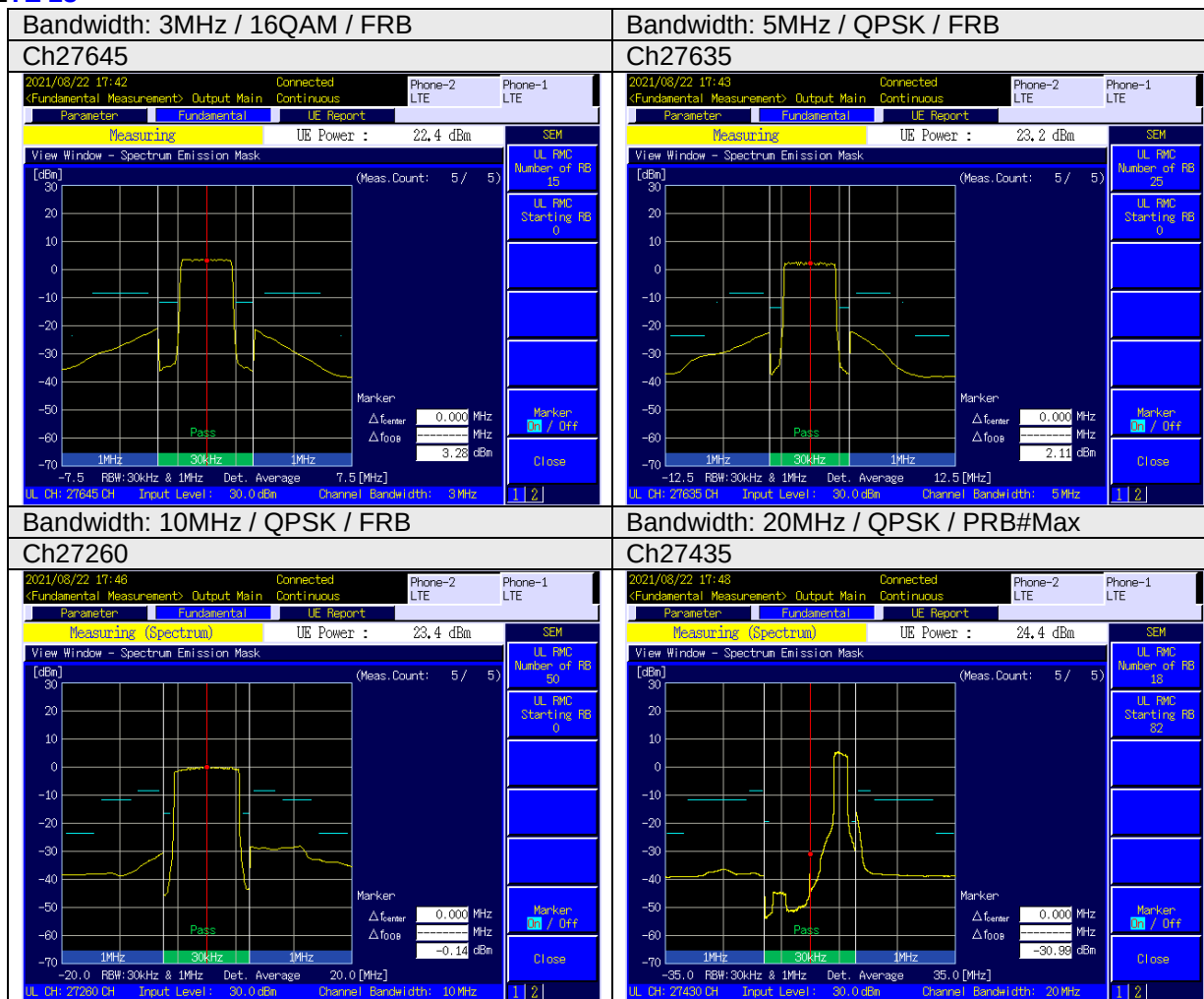
LTE 3



LTE 7



LTE 28



5. 傳導帶外輻射發射

5.1 適用標準

須符合下表之規範值。

頻率範圍	最大位準	解析頻寬
$9\text{kHz} \leq f < 150\text{kHz}$	-36 dBm	1kHz
$150\text{kHz} \leq f < 30\text{MHz}$	-36 dBm	10kHz
$30\text{MHz} \leq f < 1\text{GHz}$	-36 dBm	100kHz
$1\text{GHz} \leq f < 12.75\text{GHz}$	-30 dBm	1MHz

傳導帶外輻射發射

5.2 量測方法

- (1) 在正常條件下執行測試。
- (2) 量測時須依據下表之條件設定量測頻寬，並選擇 Spectrum 模式執行。

頻率範圍	解析頻寬
$9\text{kHz} \leq f < 150\text{kHz}$	1kHz
$150\text{kHz} \leq f < 30\text{MHz}$	10kHz
$30\text{MHz} \leq f < 1\text{GHz}$	100kHz
$1\text{GHz} \leq f < 12.75\text{GHz}$	1MHz

- (3) 檢測頻道為低、中、高三個頻道，對最低、5MHz 及最高的工作頻寬之最大調變級數發射模式，均應分別檢測，並依下表進行檢測。

	下行結構			上行結構		
頻道頻寬	調變方式	資源區塊分配		調變方式	資源區塊分配	
		FDD	TDD		FDD	TDD
1.4MHz	帶外輻射測試不適用			QPSK	6	6
1.4MHz				QPSK	1	1
3MHz				QPSK	15	15
3MHz				QPSK	1	1
5MHz				QPSK	25	25
5MHz				QPSK	1	1
10MHz				QPSK	50	50
10MHz				QPSK	1	1
15MHz				QPSK	75	75
15MHz				QPSK	1	1
20MHz				QPSK	100	100
20MHz				QPSK	1	1

註：RB offset 設定值及應檢項目之測試方法參考 3GPP TS 36.521 技術標準規定。

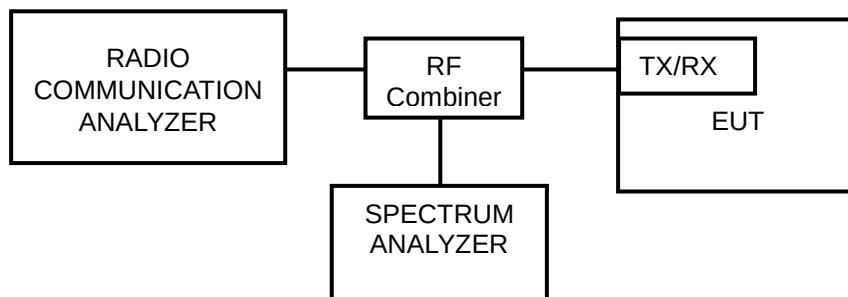
- (4) 偵測器模式：true RMS voltage 或 true average power。
- (5) 依據表二針對不同頻率以相對應的量測頻寬量測，並注意量測值是否有超過規範值。帶外輻射量測頻率範圍，不包含 5.2.1 點中 Δf_{OOB} 。

5.3 量測儀器

Description & Band/Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Spectrum Analyzer Keysight	N9030A	MY54490679	2021/7/9	2022/7/8
Radio Communication Analyzer extended TDD function Anritsu	MT8820C	6201127458	2021/3/19	2022/3/18

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

5.4 測試配置



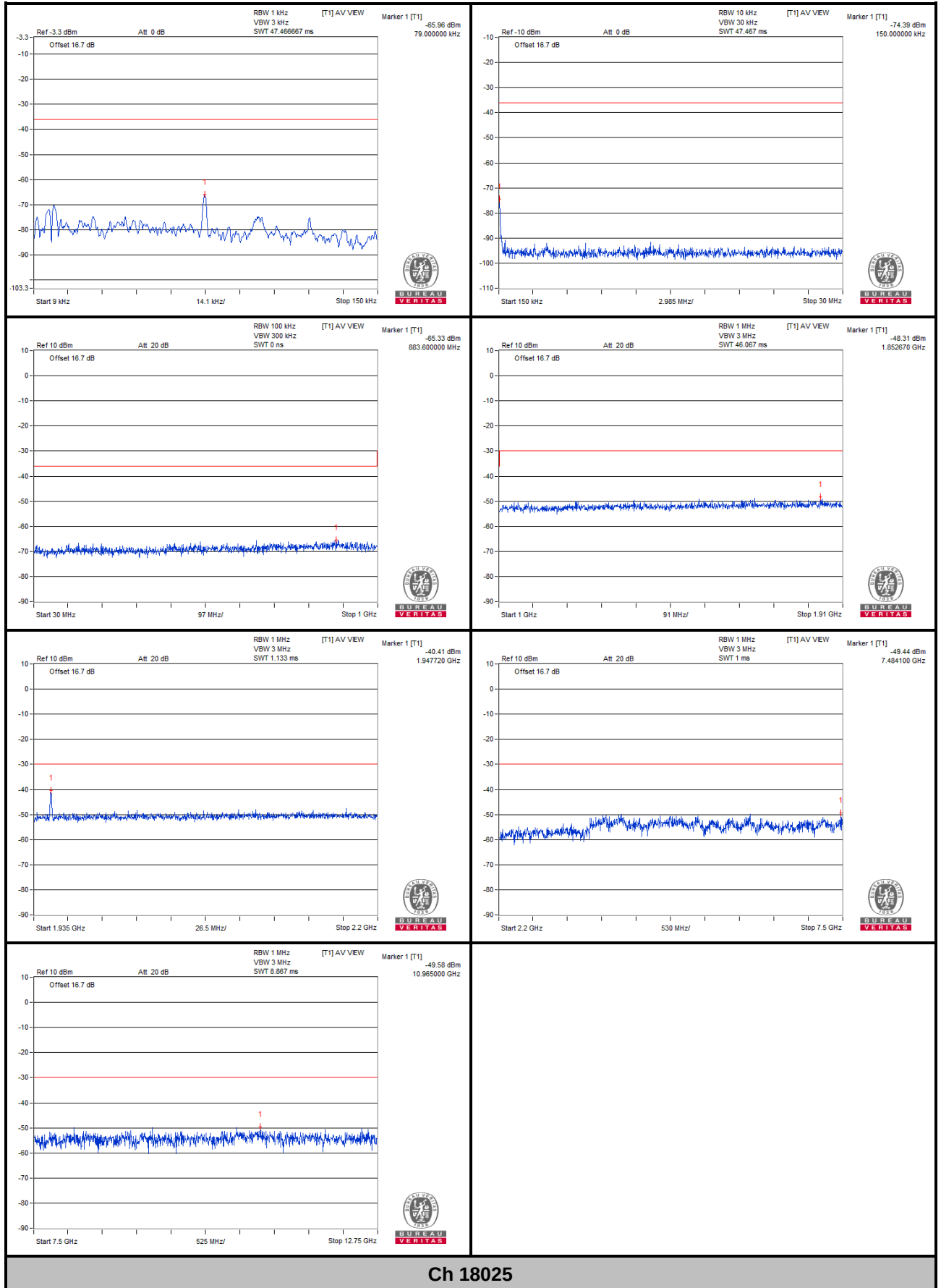
5.5 量測結果

操作模式	發射	測試者	彭瀚淳
量測場地溫度	24°C	量測場地濕度	64%RH

LTE Band 1

Bandwidth: 5 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18025	0.009MHz to 0.15MHz	-65.96	-36	PASS
		0.15MHz to 30MHz	-74.39	-36	PASS
		30MHz to 1000MHz	-65.33	-36	PASS
		1000MHz to 1910MHz	-48.31	-30	PASS
		1935MHz to 2200MHz	-40.41	-30	PASS
		2200MHz to 7500MHz	-49.44	-30	PASS
		7500MHz to 12750MHz	-49.58	-30	PASS
	18300	0.009MHz to 0.15MHz	-65.47	-36	PASS
		0.15MHz to 30MHz	-75.15	-36	PASS
		30MHz to 1000MHz	-65.39	-36	PASS
		1000MHz to 1937.5MHz	-48.29	-30	PASS
		1962.5MHz to 2200MHz	-47.88	-30	PASS
		2200MHz to 7500MHz	-49.37	-30	PASS
		7500MHz to 12750MHz	-50.04	-30	PASS
	18575	0.009MHz to 0.15MHz	-68.06	-36	PASS
		0.15MHz to 30MHz	-78.13	-36	PASS
		30MHz to 1000MHz	-64.46	-36	PASS
		1000MHz to 1965MHz	-47.89	-30	PASS
		1990MHz to 2200MHz	-46.07	-30	PASS
		2200MHz to 7500MHz	-49.64	-30	PASS
		7500MHz to 12750MHz	-49.21	-30	PASS







Bandwidth: 5 MHz / QPSK (25 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18025	0.009MHz to 0.15MHz	-65.40	-36	PASS
		0.15MHz to 30MHz	-76.51	-36	PASS
		30MHz to 1000MHz	-64.90	-36	PASS
		1000MHz to 1910MHz	-41.22	-30	PASS
		1935MHz to 2200MHz	-47.38	-30	PASS
		2200MHz to 7500MHz	-49.74	-30	PASS
		7500MHz to 12750MHz	-49.41	-30	PASS
	18300	0.009MHz to 0.15MHz	-62.57	-36	PASS
		0.15MHz to 30MHz	-76.86	-36	PASS
		30MHz to 1000MHz	-65.36	-36	PASS
		1000MHz to 1937.5MHz	-47.54	-30	PASS
		1962.5MHz to 2200MHz	-47.80	-30	PASS
		2200MHz to 7500MHz	-50.02	-30	PASS
		7500MHz to 12750MHz	-50.15	-30	PASS
	18575	0.009MHz to 0.15MHz	-69.70	-36	PASS
		0.15MHz to 30MHz	-80.03	-36	PASS
		30MHz to 1000MHz	-64.74	-36	PASS
		1000MHz to 1965MHz	-48.35	-30	PASS
		1990MHz to 2200MHz	-36.66	-30	PASS
		2200MHz to 7500MHz	-49.63	-30	PASS
		7500MHz to 12750MHz	-50.27	-30	PASS







Bandwidth: 5 MHz / QPSK (1 RB / 24 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18025	0.009MHz to 0.15MHz	-51.40	-36	PASS
		0.15MHz to 30MHz	-75.68	-36	PASS
		30MHz to 1000MHz	-64.70	-36	PASS
		1000MHz to 1910MHz	-48.94	-30	PASS
		1935MHz to 2200MHz	-47.79	-30	PASS
		2200MHz to 7500MHz	-49.70	-30	PASS
		7500MHz to 12750MHz	-49.71	-30	PASS
	18300	0.009MHz to 0.15MHz	-54.52	-36	PASS
		0.15MHz to 30MHz	-77.20	-36	PASS
		30MHz to 1000MHz	-65.17	-36	PASS
		1000MHz to 1937.5MHz	-48.71	-30	PASS
		1962.5MHz to 2200MHz	-47.57	-30	PASS
		2200MHz to 7500MHz	-49.41	-30	PASS
		7500MHz to 12750MHz	-49.71	-30	PASS
	18575	0.009MHz to 0.15MHz	-69.01	-36	PASS
		0.15MHz to 30MHz	-77.59	-36	PASS
		30MHz to 1000MHz	-65.08	-36	PASS
		1000MHz to 1965MHz	-48.39	-30	PASS
		1990MHz to 2200MHz	-47.63	-30	PASS
		2200MHz to 7500MHz	-49.40	-30	PASS
		7500MHz to 12750MHz	-49.90	-30	PASS





Ch 18300



Bandwidth: 20 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18100	0.009MHz to 0.15MHz	-59.80	-36	PASS
		0.15MHz to 30MHz	-76.76	-36	PASS
		30MHz to 1000MHz	-64.93	-36	PASS
		1000MHz to 1895MHz	-47.83	-30	PASS
		1965MHz to 2200MHz	-48.05	-30	PASS
		2200MHz to 7500MHz	-49.54	-30	PASS
		7500MHz to 12750MHz	-50.54	-30	PASS
	18300	0.009MHz to 0.15MHz	-49.91	-36	PASS
		0.15MHz to 30MHz	-75.86	-36	PASS
		30MHz to 1000MHz	-64.65	-36	PASS
		1000MHz to 1915MHz	-41.77	-30	PASS
		1985MHz to 2200MHz	-47.40	-30	PASS
		2200MHz to 7500MHz	-49.28	-30	PASS
		7500MHz to 12750MHz	-49.49	-30	PASS
	18500	0.009MHz to 0.15MHz	-53.67	-36	PASS
		0.15MHz to 30MHz	-75.86	-36	PASS
		30MHz to 1000MHz	-65.57	-36	PASS
		1000MHz to 1935MHz	-48.77	-30	PASS
		2005MHz to 2200MHz	-47.55	-30	PASS
		2200MHz to 7500MHz	-49.46	-30	PASS
		7500MHz to 12750MHz	-49.70	-30	PASS







Ch 18500

Bandwidth: 20 MHz / QPSK (100 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18100	0.009MHz to 0.15MHz	-63.88	-36	PASS
		0.15MHz to 30MHz	-79.83	-36	PASS
		30MHz to 1000MHz	-64.08	-36	PASS
		1000MHz to 1895MHz	-37.52	-30	PASS
		1965MHz to 2200MHz	-44.13	-30	PASS
		2200MHz to 7500MHz	-49.84	-30	PASS
		7500MHz to 12750MHz	-49.26	-30	PASS
	18300	0.009MHz to 0.15MHz	-64.99	-36	PASS
		0.15MHz to 30MHz	-77.61	-36	PASS
		30MHz to 1000MHz	-64.79	-36	PASS
		1000MHz to 1915MHz	-37.54	-30	PASS
		1985MHz to 2200MHz	-36.95	-30	PASS
		2200MHz to 7500MHz	-49.34	-30	PASS
		7500MHz to 12750MHz	-50.12	-30	PASS
	18500	0.009MHz to 0.15MHz	-66.50	-36	PASS
		0.15MHz to 30MHz	-78.40	-36	PASS
		30MHz to 1000MHz	-65.35	-36	PASS
		1000MHz to 1935MHz	-45.79	-30	PASS
		2005MHz to 2200MHz	-47.01	-30	PASS
		2200MHz to 7500MHz	-49.40	-30	PASS
		7500MHz to 12750MHz	-49.77	-30	PASS







Bandwidth: 20 MHz / QPSK (1 RB / 99 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	18100	0.009MHz to 0.15MHz	-66.93	-36	PASS
		0.15MHz to 30MHz	-74.55	-36	PASS
		30MHz to 1000MHz	-65.36	-36	PASS
		1000MHz to 1895MHz	-48.88	-30	PASS
		1965MHz to 2200MHz	-47.48	-30	PASS
		2200MHz to 7500MHz	-49.6	-30	PASS
		7500MHz to 12750MHz	-50.08	-30	PASS
	18300	0.009MHz to 0.15MHz	-66.86	-36	PASS
		0.15MHz to 30MHz	-76.66	-36	PASS
		30MHz to 1000MHz	-65.37	-36	PASS
		1000MHz to 1915MHz	-48.77	-30	PASS
		1985MHz to 2200MHz	-31.72	-30	PASS
		2200MHz to 7500MHz	-49.54	-30	PASS
		7500MHz to 12750MHz	-50.03	-30	PASS
	18500	0.009MHz to 0.15MHz	-67.55	-36	PASS
		0.15MHz to 30MHz	-76.67	-36	PASS
		30MHz to 1000MHz	-64.88	-36	PASS
		1000MHz to 1935MHz	-48.77	-30	PASS
		2005MHz to 2200MHz	-47.49	-30	PASS
		2200MHz to 7500MHz	-50.23	-30	PASS
		7500MHz to 12750MHz	-49.54	-30	PASS



Ch 18100



Ch 18300



Ch 18500

LTE Band 3

Bandwidth: 1.4 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19207	0.009MHz to 0.15MHz	-72.54	-36	PASS
		0.15MHz to 30MHz	-73.19	-36	PASS
		30MHz to 1000MHz	-63.94	-36	PASS
		1000MHz to 1707.2MHz	-48.83	-30	PASS
		1714.2MHz to 2200MHz	-47.51	-30	PASS
		2200MHz to 7500MHz	-47.75	-30	PASS
		7500MHz to 12750MHz	-48.70	-30	PASS
	19575	0.009MHz to 0.15MHz	-73.52	-36	PASS
		0.15MHz to 30MHz	-73.15	-36	PASS
		30MHz to 1000MHz	-65.19	-36	PASS
		1000MHz to 1744MHz	-48.20	-30	PASS
		1751MHz to 2200MHz	-47.97	-30	PASS
		2200MHz to 7500MHz	-49.46	-30	PASS
		7500MHz to 12750MHz	-50.19	-30	PASS
	19943	0.009MHz to 0.15MHz	-73.42	-36	PASS
		0.15MHz to 30MHz	-73.35	-36	PASS
		30MHz to 1000MHz	-65.08	-36	PASS
		1000MHz to 1780.8MHz	-47.79	-30	PASS
		1787.8MHz to 2200MHz	-46.48	-30	PASS
		2200MHz to 7500MHz	-49.26	-30	PASS
		7500MHz to 12750MHz	-49.83	-30	PASS





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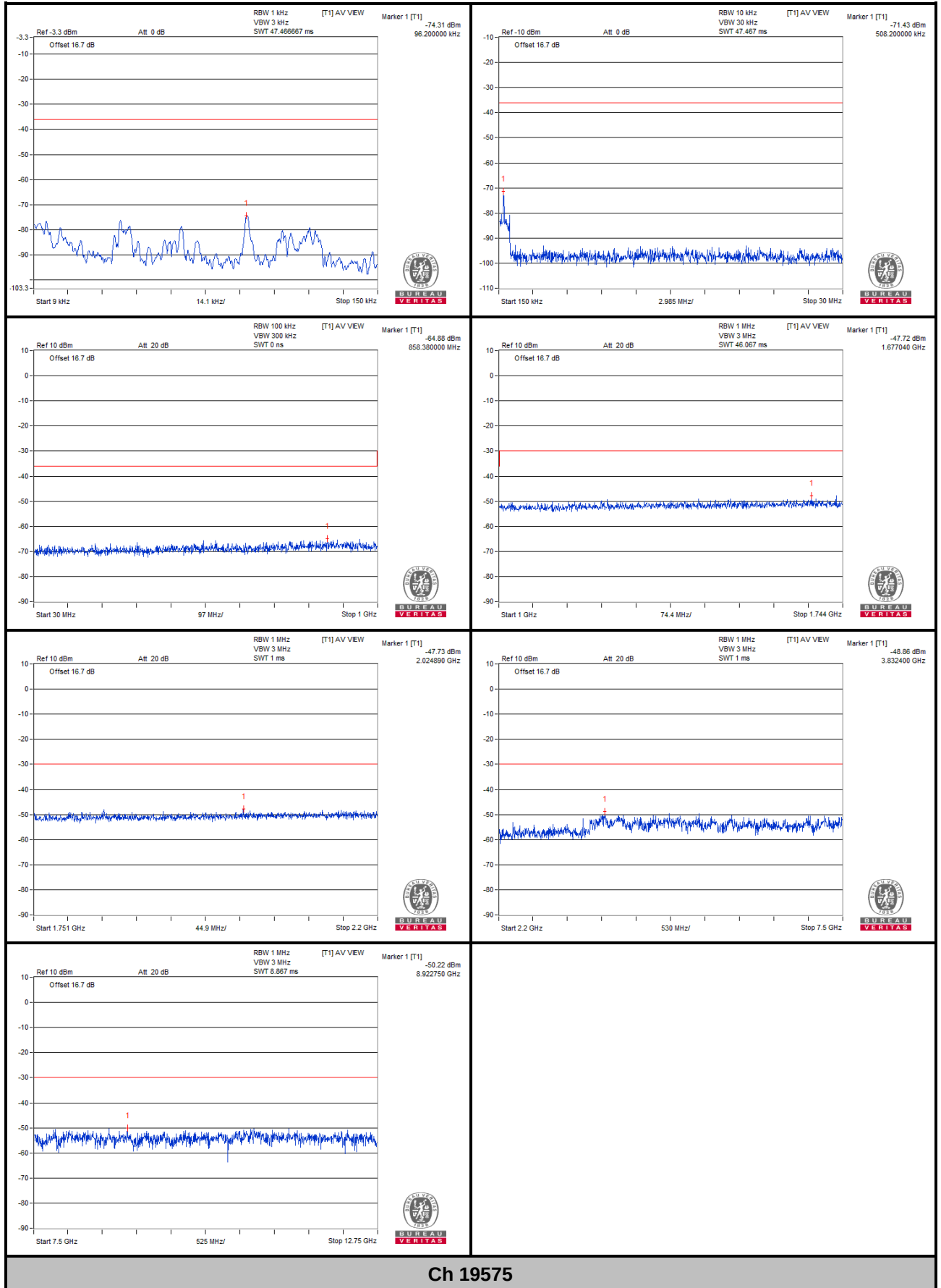




Bandwidth: 1.4 MHz / QPSK (6 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19207	0.009MHz to 0.15MHz	-74.34	-36	PASS
		0.15MHz to 30MHz	-71.78	-36	PASS
		30MHz to 1000MHz	-64.23	-36	PASS
		1000MHz to 1707.2MHz	-48.49	-30	PASS
		1714.2MHz to 2200MHz	-47.50	-30	PASS
		2200MHz to 7500MHz	-48.29	-30	PASS
		7500MHz to 12750MHz	-49.60	-30	PASS
	19575	0.009MHz to 0.15MHz	-74.31	-36	PASS
		0.15MHz to 30MHz	-71.43	-36	PASS
		30MHz to 1000MHz	-64.88	-36	PASS
		1000MHz to 1744MHz	-47.72	-30	PASS
		1751MHz to 2200MHz	-47.73	-30	PASS
		2200MHz to 7500MHz	-48.86	-30	PASS
		7500MHz to 12750MHz	-50.22	-30	PASS
	19943	0.009MHz to 0.15MHz	-74.61	-36	PASS
		0.15MHz to 30MHz	-71.99	-36	PASS
		30MHz to 1000MHz	-65.48	-36	PASS
		1000MHz to 1780.8MHz	-49.27	-30	PASS
		1787.8MHz to 2200MHz	-47.60	-30	PASS
		2200MHz to 7500MHz	-49.86	-30	PASS
		7500MHz to 12750MHz	-49.41	-30	PASS







Ch 19943

Bandwidth: 1.4 MHz / QPSK (1 RB / 5 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19207	0.009MHz to 0.15MHz	-73.19	-36	PASS
		0.15MHz to 30MHz	-73.06	-36	PASS
		30MHz to 1000MHz	-65.27	-36	PASS
		1000MHz to 1707.2MHz	-48.96	-30	PASS
		1714.2MHz to 2200MHz	-47.00	-30	PASS
		2200MHz to 7500MHz	-49.11	-30	PASS
		7500MHz to 12750MHz	-49.58	-30	PASS
	19575	0.009MHz to 0.15MHz	-72.15	-36	PASS
		0.15MHz to 30MHz	-73.39	-36	PASS
		30MHz to 1000MHz	-65.28	-36	PASS
		1000MHz to 1744MHz	-48.69	-30	PASS
		1751MHz to 2200MHz	-46.78	-30	PASS
		2200MHz to 7500MHz	-49.14	-30	PASS
		7500MHz to 12750MHz	-49.95	-30	PASS
	19943	0.009MHz to 0.15MHz	-73.98	-36	PASS
		0.15MHz to 30MHz	-73.51	-36	PASS
		30MHz to 1000MHz	-64.68	-36	PASS
		1000MHz to 1780.8MHz	-48.12	-30	PASS
		1787.8MHz to 2200MHz	-47.51	-30	PASS
		2200MHz to 7500MHz	-49.59	-30	PASS
		7500MHz to 12750MHz	-49.76	-30	PASS





Ch 19575



Ch 19943

Bandwidth: 5 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19225	0.009MHz to 0.15MHz	-72.63	-36	PASS
		0.15MHz to 30MHz	-72.20	-36	PASS
		30MHz to 1000MHz	-64.79	-36	PASS
		1000MHz to 1700MHz	-48.71	-30	PASS
		1725MHz to 2200MHz	-48.06	-30	PASS
		2200MHz to 7500MHz	-48.06	-30	PASS
		7500MHz to 12750MHz	-50.13	-30	PASS
	19575	0.009MHz to 0.15MHz	-72.93	-36	PASS
		0.15MHz to 30MHz	-72.33	-36	PASS
		30MHz to 1000MHz	-65.07	-36	PASS
		1000MHz to 1735MHz	-48.96	-30	PASS
		1760MHz to 2200MHz	-47.18	-30	PASS
		2200MHz to 7500MHz	-48.90	-30	PASS
		7500MHz to 12750MHz	-50.28	-30	PASS
	19925	0.009MHz to 0.15MHz	-73.00	-36	PASS
		0.15MHz to 30MHz	-72.18	-36	PASS
		30MHz to 1000MHz	-65.02	-36	PASS
		1000MHz to 1770MHz	-49.08	-30	PASS
		1795MHz to 2200MHz	-46.73	-30	PASS
		2200MHz to 7500MHz	-49.40	-30	PASS
		7500MHz to 12750MHz	-49.41	-30	PASS







Ch 19925

Bandwidth: 5 MHz / QPSK (25 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19225	0.009MHz to 0.15MHz	-74.55	-36	PASS
		0.15MHz to 30MHz	-71.88	-36	PASS
		30MHz to 1000MHz	-64.11	-36	PASS
		1000MHz to 1700MHz	-43.11	-30	PASS
		1725MHz to 2200MHz	-47.17	-30	PASS
		2200MHz to 7500MHz	-47.58	-30	PASS
		7500MHz to 12750MHz	-50.10	-30	PASS
	19575	0.009MHz to 0.15MHz	-75.24	-36	PASS
		0.15MHz to 30MHz	-71.96	-36	PASS
		30MHz to 1000MHz	-65.21	-36	PASS
		1000MHz to 1735MHz	-49.04	-30	PASS
		1760MHz to 2200MHz	-46.14	-30	PASS
		2200MHz to 7500MHz	-48.68	-30	PASS
		7500MHz to 12750MHz	-48.85	-30	PASS
	19925	0.009MHz to 0.15MHz	-74.67	-36	PASS
		0.15MHz to 30MHz	-71.99	-36	PASS
		30MHz to 1000MHz	-64.94	-36	PASS
		1000MHz to 1770MHz	-47.76	-30	PASS
		1795MHz to 2200MHz	-47.20	-30	PASS
		2200MHz to 7500MHz	-49.77	-30	PASS
		7500MHz to 12750MHz	-49.94	-30	PASS







Ch 19925

Bandwidth: 5 MHz / QPSK (1 RB / 24 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19225	0.009MHz to 0.15MHz	-73.82	-36	PASS
		0.15MHz to 30MHz	-72.27	-36	PASS
		30MHz to 1000MHz	-65.10	-36	PASS
		1000MHz to 1700MHz	-48.99	-30	PASS
		1725MHz to 2200MHz	-46.86	-30	PASS
		2200MHz to 7500MHz	-47.43	-30	PASS
		7500MHz to 12750MHz	-49.67	-30	PASS
	19575	0.009MHz to 0.15MHz	-72.91	-36	PASS
		0.15MHz to 30MHz	-72.45	-36	PASS
		30MHz to 1000MHz	-65.60	-36	PASS
		1000MHz to 1735MHz	-47.87	-30	PASS
		1760MHz to 2200MHz	-47.67	-30	PASS
		2200MHz to 7500MHz	-49.77	-30	PASS
		7500MHz to 12750MHz	-49.57	-30	PASS
	19925	0.009MHz to 0.15MHz	-70.18	-36	PASS
		0.15MHz to 30MHz	-72.06	-36	PASS
		30MHz to 1000MHz	-65.13	-36	PASS
		1000MHz to 1770MHz	-48.62	-30	PASS
		1795MHz to 2200MHz	-47.18	-30	PASS
		2200MHz to 7500MHz	-48.44	-30	PASS
		7500MHz to 12750MHz	-49.64	-30	PASS





Ch 19575



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Ch 19925

Bandwidth: 20 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19300	0.009MHz to 0.15MHz	-71.18	-36	PASS
		0.15MHz to 30MHz	-72.25	-36	PASS
		30MHz to 1000MHz	-64.35	-36	PASS
		1000MHz to 1685MHz	-46.28	-30	PASS
		1755MHz to 2200MHz	-47.37	-30	PASS
		2200MHz to 7500MHz	-48.68	-30	PASS
		7500MHz to 12750MHz	-49.47	-30	PASS
	19575	0.009MHz to 0.15MHz	-71.39	-36	PASS
		0.15MHz to 30MHz	-72.16	-36	PASS
		30MHz to 1000MHz	-64.71	-36	PASS
		1000MHz to 1712.5MHz	-48.31	-30	PASS
		1782.5MHz to 2200MHz	-47.51	-30	PASS
		2200MHz to 7500MHz	-49.83	-30	PASS
		7500MHz to 12750MHz	-49.35	-30	PASS
	19850	0.009MHz to 0.15MHz	-71.93	-36	PASS
		0.15MHz to 30MHz	-72.26	-36	PASS
		30MHz to 1000MHz	-64.82	-36	PASS
		1000MHz to 1740MHz	-48.62	-30	PASS
		1810MHz to 2200MHz	-48.01	-30	PASS
		2200MHz to 7500MHz	-49.95	-30	PASS
		7500MHz to 12750MHz	-49.50	-30	PASS

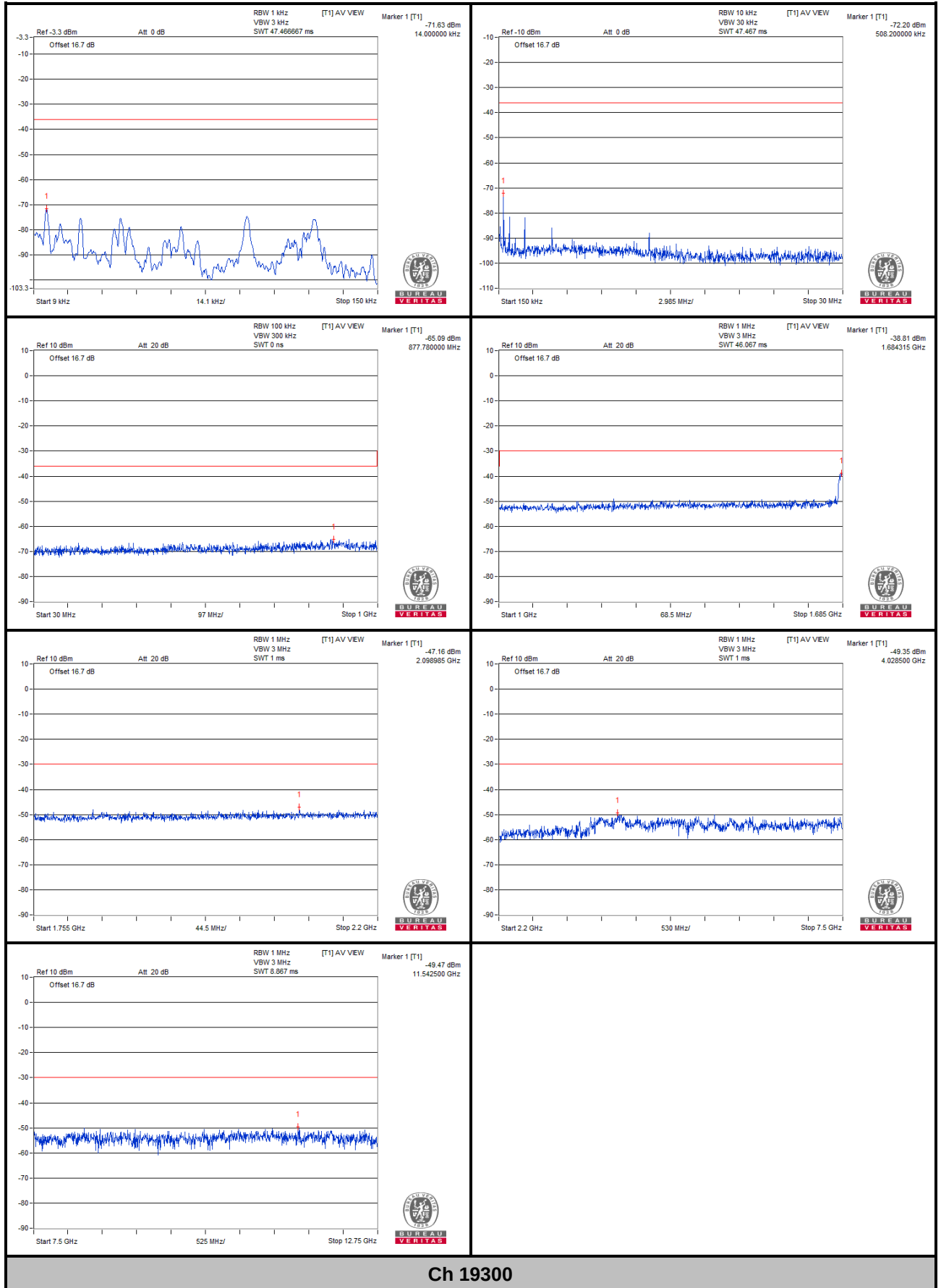






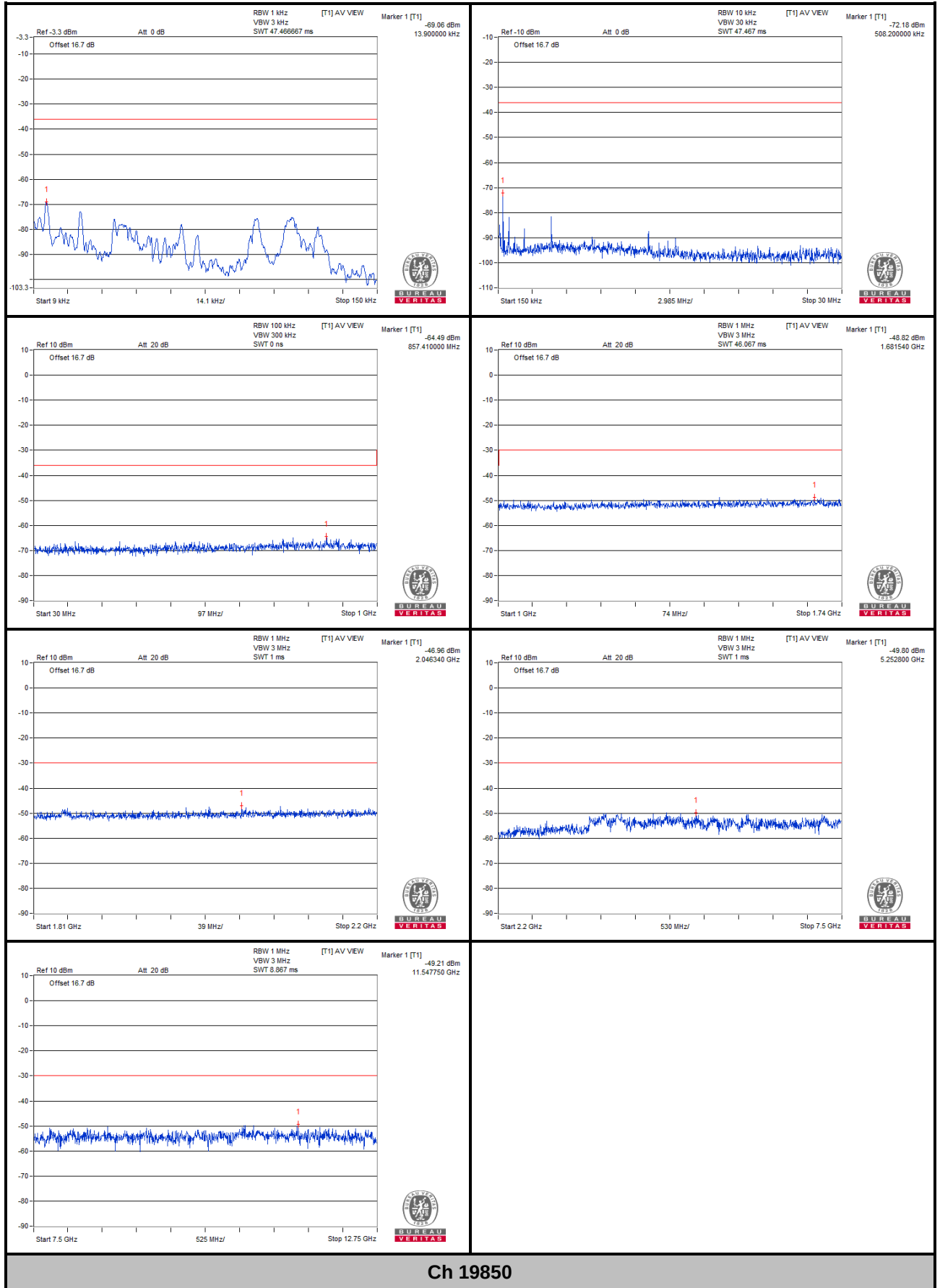
Bandwidth: 20 MHz / QPSK (100 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19300	0.009MHz to 0.15MHz	-71.63	-36	PASS
		0.15MHz to 30MHz	-72.20	-36	PASS
		30MHz to 1000MHz	-65.09	-36	PASS
		1000MHz to 1685MHz	-38.81	-30	PASS
		1755MHz to 2200MHz	-47.16	-30	PASS
		2200MHz to 7500MHz	-49.35	-30	PASS
		7500MHz to 12750MHz	-49.47	-30	PASS
	19575	0.009MHz to 0.15MHz	-69.23	-36	PASS
		0.15MHz to 30MHz	-72.24	-36	PASS
		30MHz to 1000MHz	-65.14	-36	PASS
		1000MHz to 1712.5MHz	-43.45	-30	PASS
		1782.5MHz to 2200MHz	-46.94	-30	PASS
		2200MHz to 7500MHz	-49.80	-30	PASS
		7500MHz to 12750MHz	-50.20	-30	PASS
	19850	0.009MHz to 0.15MHz	-69.06	-36	PASS
		0.15MHz to 30MHz	-72.18	-36	PASS
		30MHz to 1000MHz	-64.49	-36	PASS
		1000MHz to 1740MHz	-48.82	-30	PASS
		1810MHz to 2200MHz	-46.96	-30	PASS
		2200MHz to 7500MHz	-49.80	-30	PASS
		7500MHz to 12750MHz	-49.21	-30	PASS





Ch 19575



Ch 19850

Bandwidth: 20 MHz / QPSK (1 RB / 99 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	19300	0.009MHz to 0.15MHz	-71.36	-36	PASS
		0.15MHz to 30MHz	-72.17	-36	PASS
		30MHz to 1000MHz	-65.01	-36	PASS
		1000MHz to 1685MHz	-48.09	-30	PASS
		1755MHz to 2200MHz	-47.61	-30	PASS
		2200MHz to 7500MHz	-49.34	-30	PASS
		7500MHz to 12750MHz	-49.90	-30	PASS
	19575	0.009MHz to 0.15MHz	-68.65	-36	PASS
		0.15MHz to 30MHz	-72.11	-36	PASS
		30MHz to 1000MHz	-64.60	-36	PASS
		1000MHz to 1712.5MHz	-47.62	-30	PASS
		1782.5MHz to 2200MHz	-46.73	-30	PASS
		2200MHz to 7500MHz	-48.74	-30	PASS
		7500MHz to 12750MHz	-50.10	-30	PASS
	19850	0.009MHz to 0.15MHz	-69.19	-36	PASS
		0.15MHz to 30MHz	-72.03	-36	PASS
		30MHz to 1000MHz	-64.64	-36	PASS
		1000MHz to 1740MHz	-47.79	-30	PASS
		1810MHz to 2200MHz	-47.69	-30	PASS
		2200MHz to 7500MHz	-49.47	-30	PASS
		7500MHz to 12750MHz	-49.45	-30	PASS





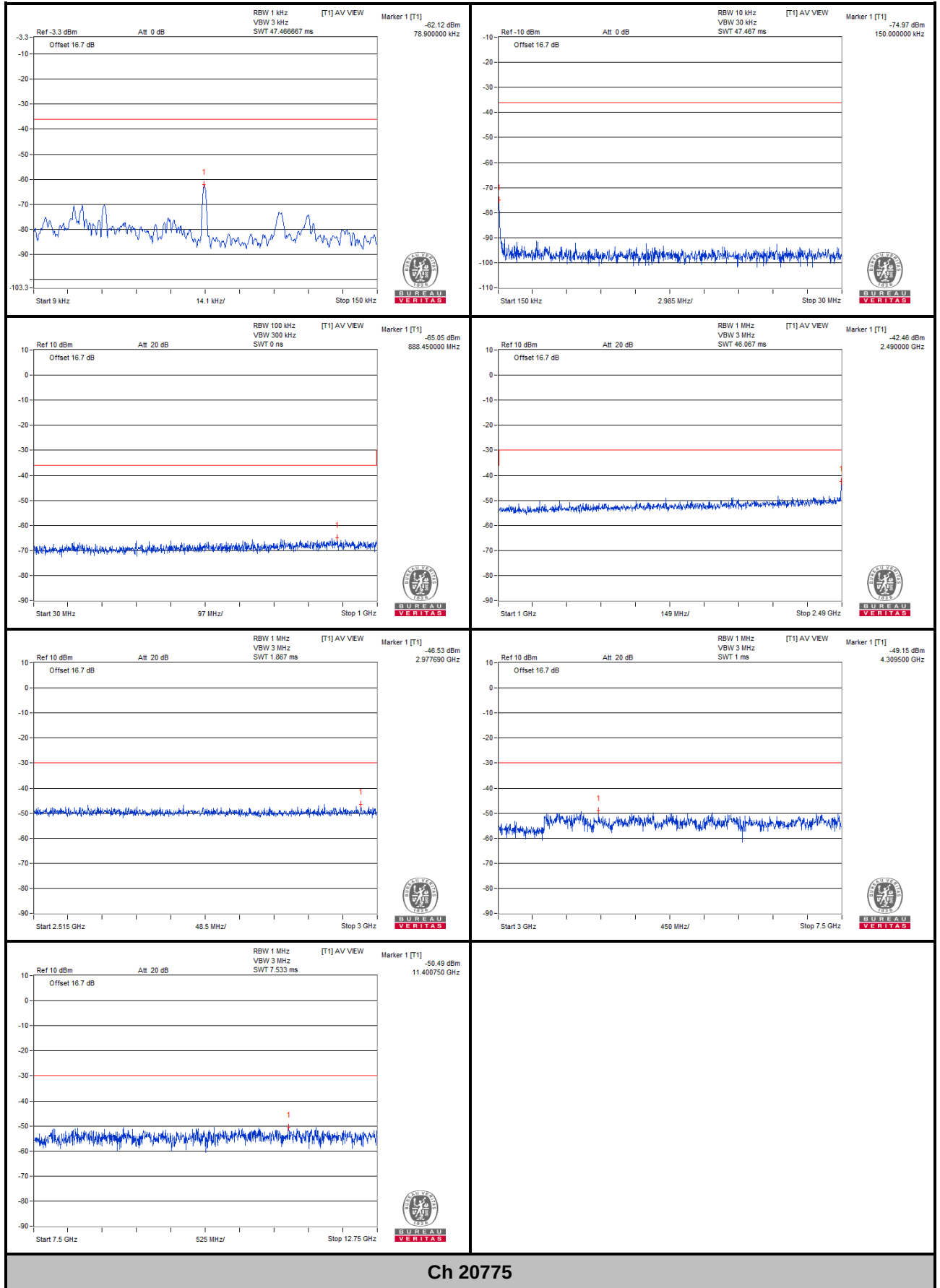
Ch 19575



LTE Band 7

Bandwidth: 5 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20775	0.009MHz to 0.15MHz	-62.12	-36	PASS
		0.15MHz to 30MHz	-74.97	-36	PASS
		30MHz to 1000MHz	-65.05	-36	PASS
		1000MHz to 2490MHz	-42.46	-30	PASS
		2515MHz to 3000MHz	-46.53	-30	PASS
		3000MHz to 7500MHz	-49.15	-30	PASS
		7500MHz to 12750MHz	-50.49	-30	PASS
	21100	0.009MHz to 0.15MHz	-63.48	-36	PASS
		0.15MHz to 30MHz	-75.98	-36	PASS
		30MHz to 1000MHz	-64.77	-36	PASS
		1000MHz to 2522.5MHz	-48.10	-30	PASS
		2547.5MHz to 3000MHz	-46.62	-30	PASS
		3000MHz to 7500MHz	-48.57	-30	PASS
		7500MHz to 12750MHz	-49.86	-30	PASS
	21425	0.009MHz to 0.15MHz	-62.97	-36	PASS
		0.15MHz to 30MHz	-77.06	-36	PASS
		30MHz to 1000MHz	-64.99	-36	PASS
		1000MHz to 2555MHz	-48.34	-30	PASS
		2580MHz to 3000MHz	-46.63	-30	PASS
		3000MHz to 7500MHz	-47.58	-30	PASS
		7500MHz to 12750MHz	-49.68	-30	PASS

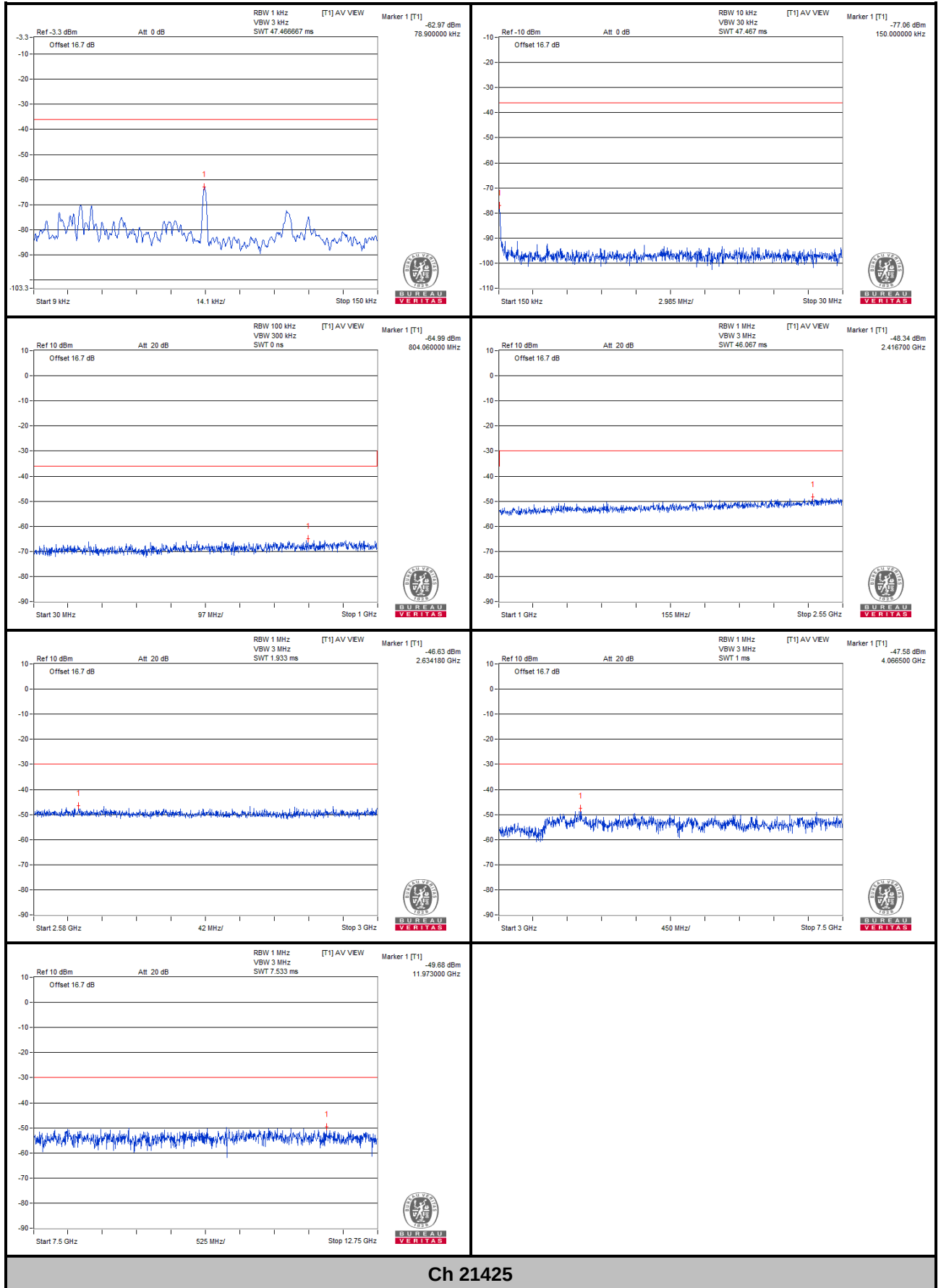




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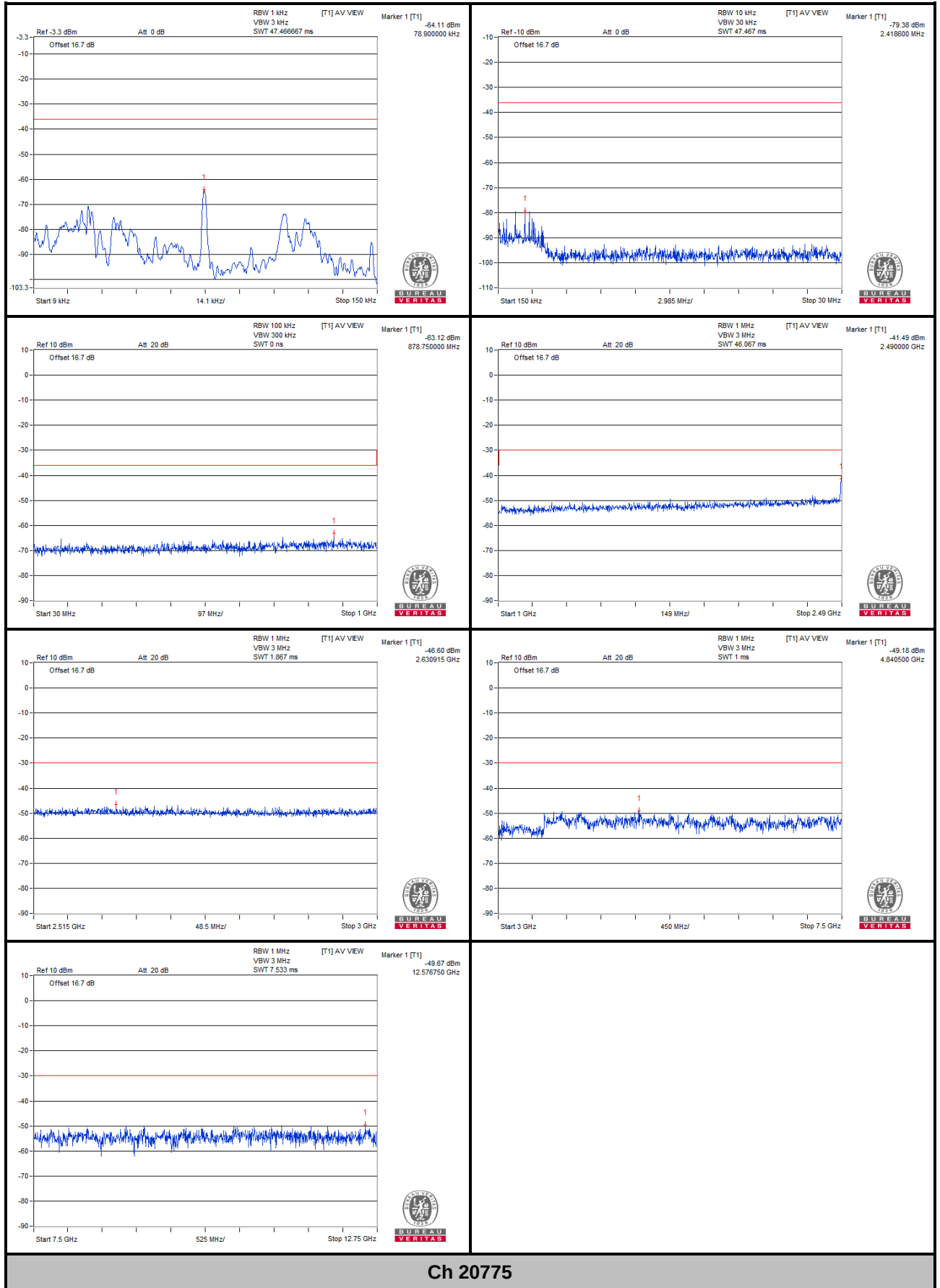


Ch 21100



Bandwidth: 5 MHz / QPSK (25 RB / 0 RB Offset)

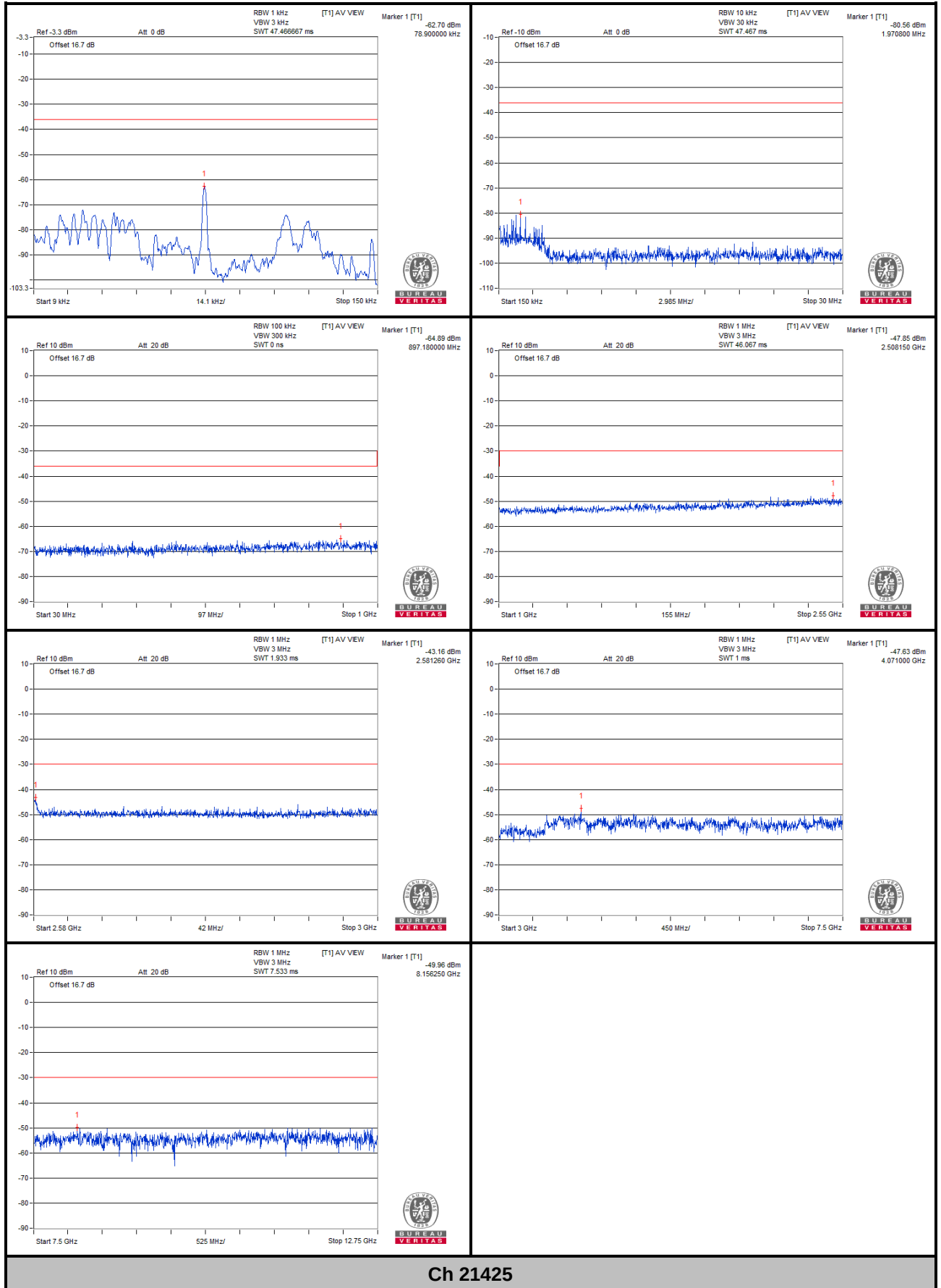
Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20775	0.009MHz to 0.15MHz	-64.11	-36	PASS
		0.15MHz to 30MHz	-79.38	-36	PASS
		30MHz to 1000MHz	-63.12	-36	PASS
		1000MHz to 2490MHz	-41.49	-30	PASS
		2515MHz to 3000MHz	-46.60	-30	PASS
		3000MHz to 7500MHz	-49.18	-30	PASS
		7500MHz to 12750MHz	-49.67	-30	PASS
	21100	0.009MHz to 0.15MHz	-64.47	-36	PASS
		0.15MHz to 30MHz	-79.17	-36	PASS
		30MHz to 1000MHz	-64.80	-36	PASS
		1000MHz to 2522.5MHz	-48.10	-30	PASS
		2547.5MHz to 3000MHz	-46.24	-30	PASS
		3000MHz to 7500MHz	-49.05	-30	PASS
		7500MHz to 12750MHz	-49.75	-30	PASS
	21425	0.009MHz to 0.15MHz	-62.70	-36	PASS
		0.15MHz to 30MHz	-80.56	-36	PASS
		30MHz to 1000MHz	-64.89	-36	PASS
		1000MHz to 2555MHz	-47.85	-30	PASS
		2580MHz to 3000MHz	-43.16	-30	PASS
		3000MHz to 7500MHz	-47.63	-30	PASS
		7500MHz to 12750MHz	-49.96	-30	PASS



Ch 20775

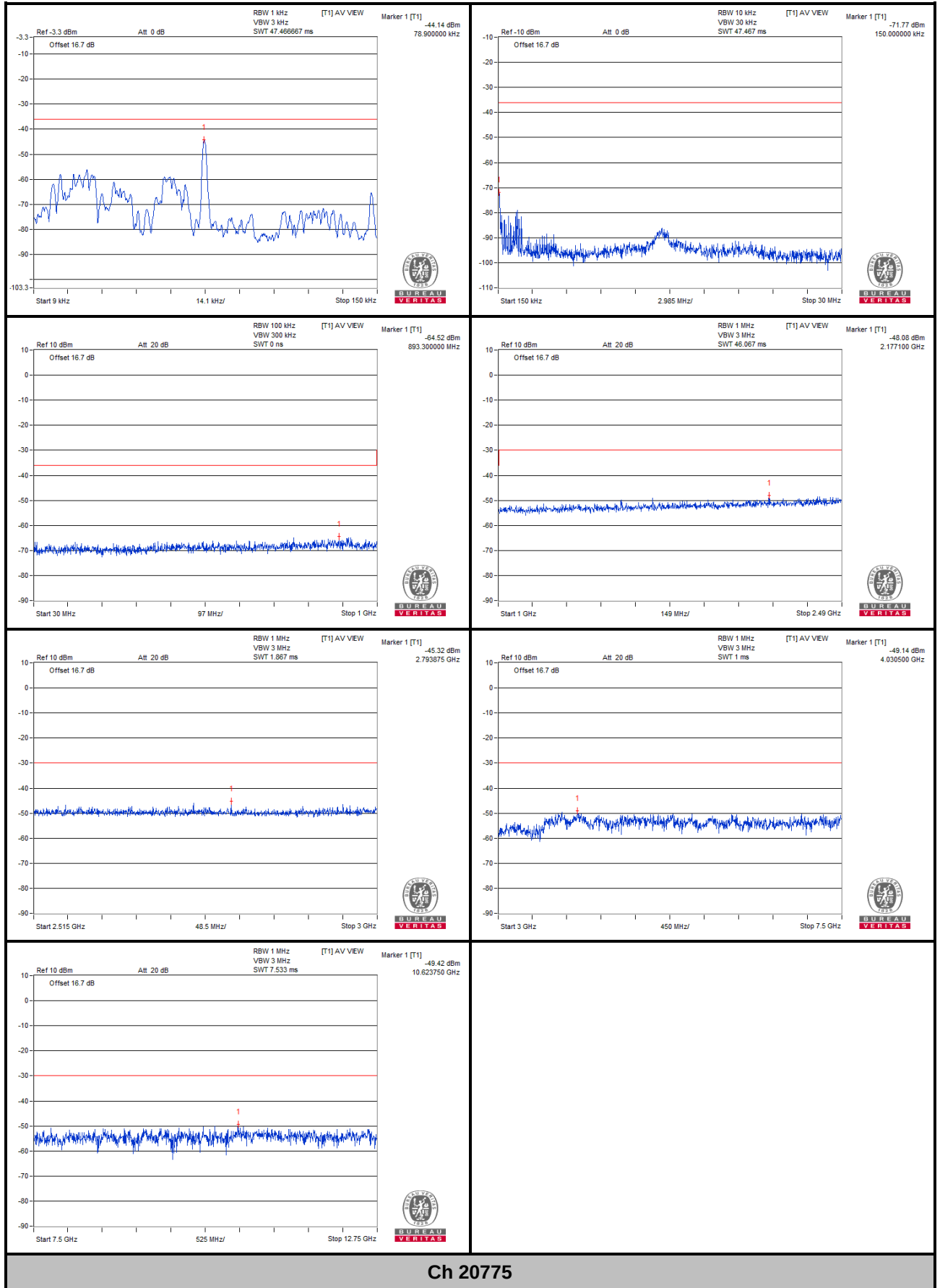


Ch 21100



Bandwidth: 5 MHz / QPSK (1 RB / 24 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20775	0.009MHz to 0.15MHz	-44.14	-36	PASS
		0.15MHz to 30MHz	-71.77	-36	PASS
		30MHz to 1000MHz	-64.52	-36	PASS
		1000MHz to 2490MHz	-48.08	-30	PASS
		2515MHz to 3000MHz	-45.32	-30	PASS
		3000MHz to 7500MHz	-49.14	-30	PASS
		7500MHz to 12750MHz	-49.42	-30	PASS
	21100	0.009MHz to 0.15MHz	-56.20	-36	PASS
		0.15MHz to 30MHz	-78.79	-36	PASS
		30MHz to 1000MHz	-65.33	-36	PASS
		1000MHz to 2522.5MHz	-48.43	-30	PASS
		2547.5MHz to 3000MHz	-46.24	-30	PASS
		3000MHz to 7500MHz	-49.76	-30	PASS
		7500MHz to 12750MHz	-49.24	-30	PASS
	21425	0.009MHz to 0.15MHz	-58.26	-36	PASS
		0.15MHz to 30MHz	-78.40	-36	PASS
		30MHz to 1000MHz	-64.90	-36	PASS
		1000MHz to 2555MHz	-48.31	-30	PASS
		2580MHz to 3000MHz	-46.42	-30	PASS
		3000MHz to 7500MHz	-47.67	-30	PASS
		7500MHz to 12750MHz	-50.36	-30	PASS







Ch 21425

Bandwidth: 20 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20850	0.009MHz to 0.15MHz	-60.18	-36	PASS
		0.15MHz to 30MHz	-76.15	-36	PASS
		30MHz to 1000MHz	-64.26	-36	PASS
		1000MHz to 2475MHz	-48.64	-30	PASS
		2545MHz to 3000MHz	-47.13	-30	PASS
		3000MHz to 7500MHz	-49.51	-30	PASS
		7500MHz to 12750MHz	-49.81	-30	PASS
	21100	0.009MHz to 0.15MHz	-57.08	-36	PASS
		0.15MHz to 30MHz	-75.59	-36	PASS
		30MHz to 1000MHz	-64.58	-36	PASS
		1000MHz to 2500MHz	-37.02	-30	PASS
		2570MHz to 3000MHz	-46.40	-30	PASS
		3000MHz to 7500MHz	-48.51	-30	PASS
		7500MHz to 12750MHz	-50.55	-30	PASS
	21350	0.009MHz to 0.15MHz	-55.76	-36	PASS
		0.15MHz to 30MHz	-75.51	-36	PASS
		30MHz to 1000MHz	-64.67	-36	PASS
		1000MHz to 2525MHz	-47.10	-30	PASS
		2595MHz to 3000MHz	-46.75	-30	PASS
		3000MHz to 7500MHz	-49.41	-30	PASS
		7500MHz to 12750MHz	-50.32	-30	PASS



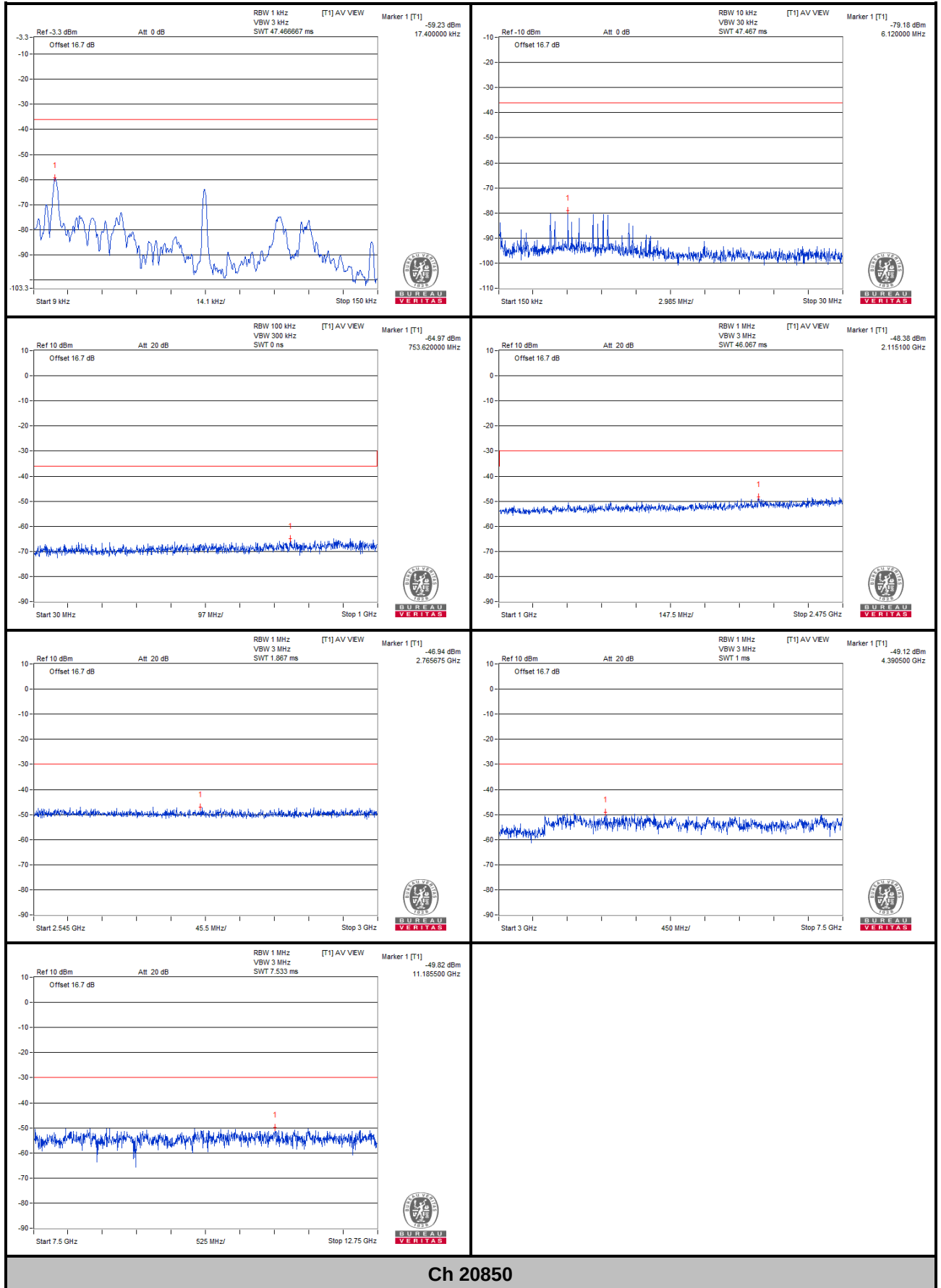
Ch 20850

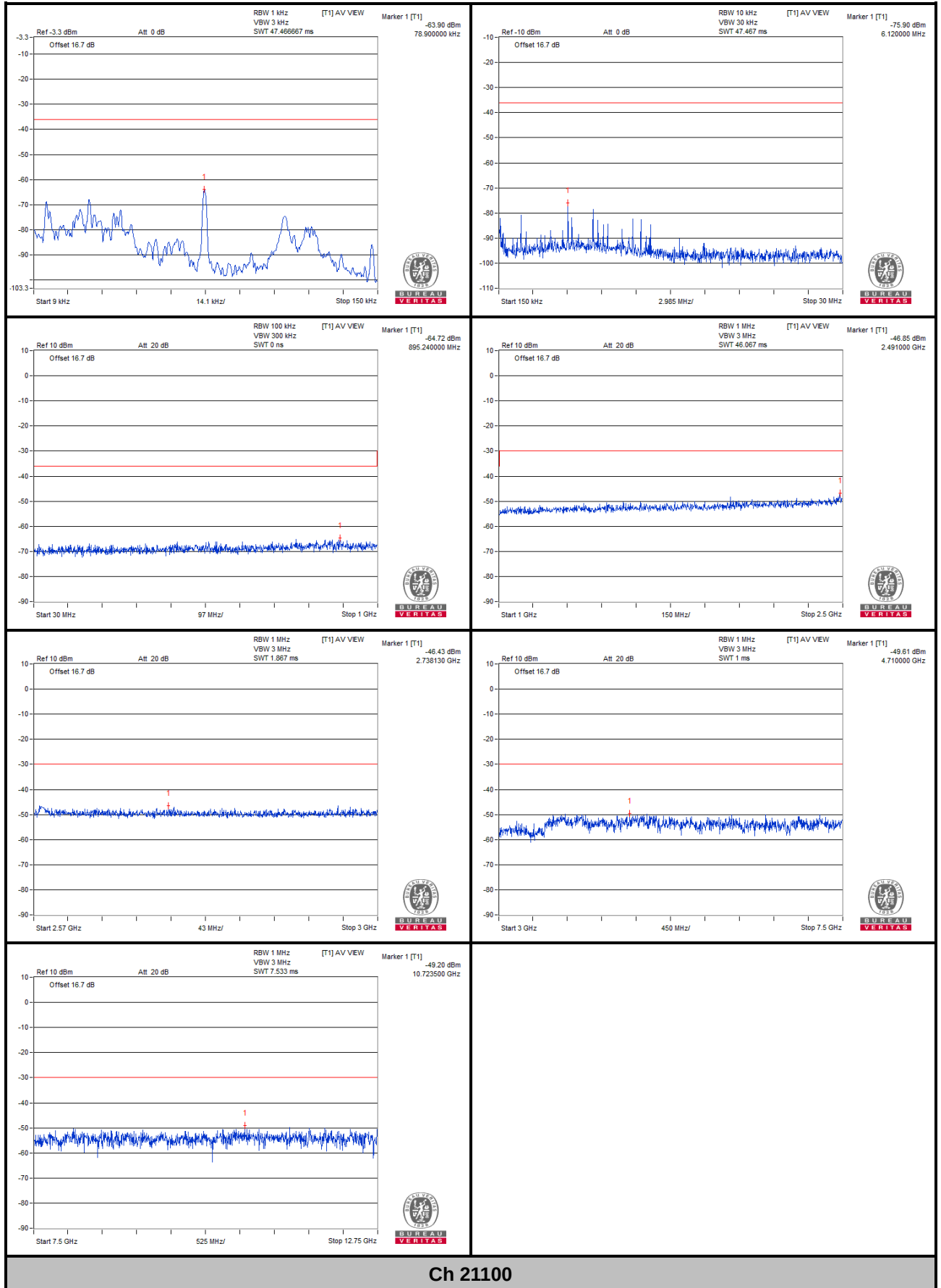




Bandwidth: 20 MHz / QPSK (100 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20850	0.009MHz to 0.15MHz	-59.23	-36	PASS
		0.15MHz to 30MHz	-79.18	-36	PASS
		30MHz to 1000MHz	-64.97	-36	PASS
		1000MHz to 2475MHz	-48.38	-30	PASS
		2545MHz to 3000MHz	-46.94	-30	PASS
		3000MHz to 7500MHz	-49.12	-30	PASS
		7500MHz to 12750MHz	-49.82	-30	PASS
	21100	0.009MHz to 0.15MHz	-63.90	-36	PASS
		0.15MHz to 30MHz	-75.90	-36	PASS
		30MHz to 1000MHz	-64.72	-36	PASS
		1000MHz to 2500MHz	-46.85	-30	PASS
		2570MHz to 3000MHz	-46.43	-30	PASS
		3000MHz to 7500MHz	-49.61	-30	PASS
		7500MHz to 12750MHz	-49.20	-30	PASS
	21350	0.009MHz to 0.15MHz	-63.88	-36	PASS
		0.15MHz to 30MHz	-77.64	-36	PASS
		30MHz to 1000MHz	-65.18	-36	PASS
		1000MHz to 2525MHz	-48.65	-30	PASS
		2595MHz to 3000MHz	-47.21	-30	PASS
		3000MHz to 7500MHz	-48.88	-30	PASS
		7500MHz to 12750MHz	-49.52	-30	PASS







Ch 21350

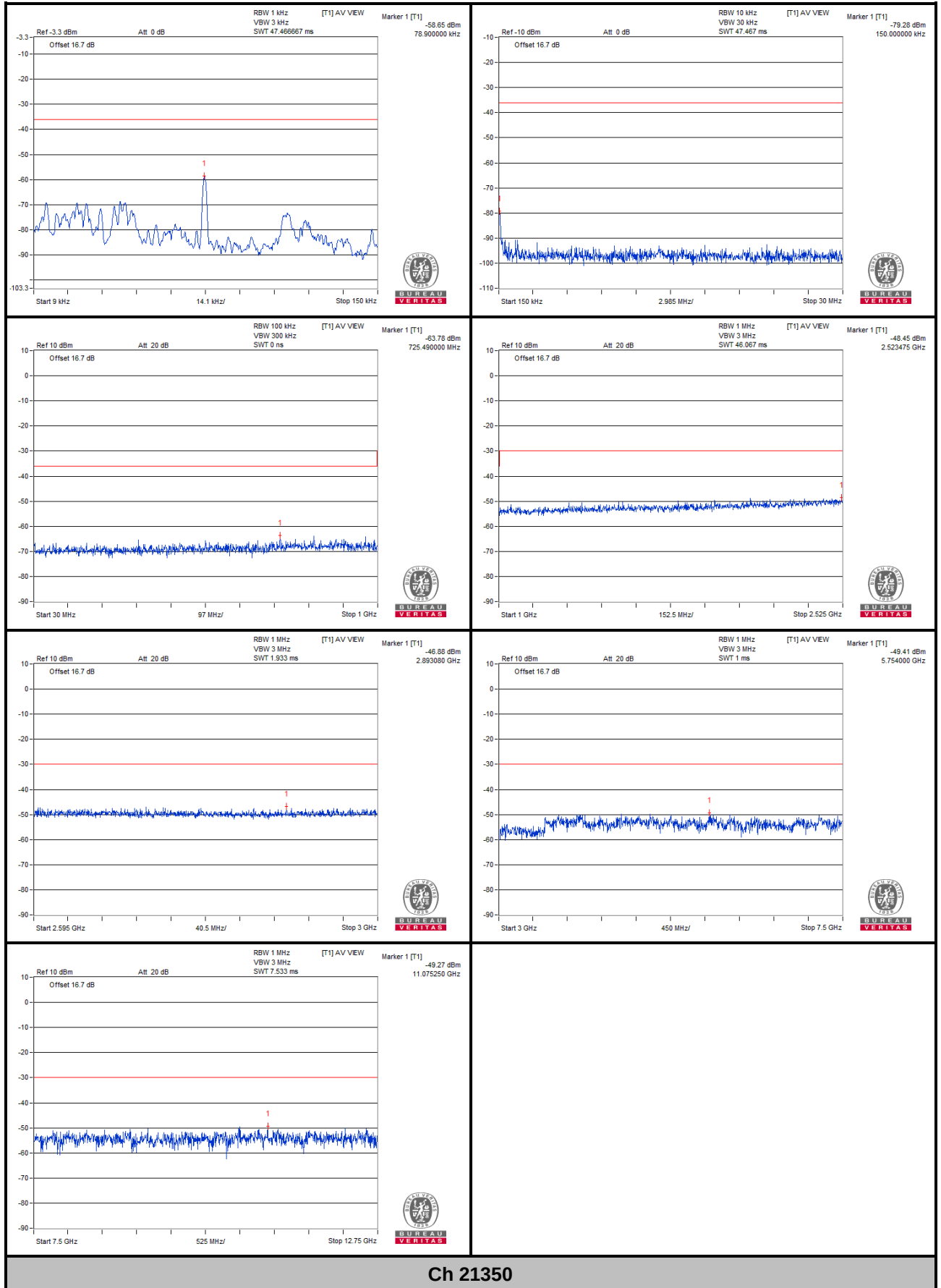
Bandwidth: 20 MHz / QPSK (1 RB / 99 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	20850	0.009MHz to 0.15MHz	-62.04	-36	PASS
		0.15MHz to 30MHz	-76.31	-36	PASS
		30MHz to 1000MHz	-64.61	-36	PASS
		1000MHz to 2475MHz	-47.89	-30	PASS
		2545MHz to 3000MHz	-46.10	-30	PASS
		3000MHz to 7500MHz	-49.76	-30	PASS
		7500MHz to 12750MHz	-49.61	-30	PASS
	21100	0.009MHz to 0.15MHz	-61.06	-36	PASS
		0.15MHz to 30MHz	-79.52	-36	PASS
		30MHz to 1000MHz	-64.82	-36	PASS
		1000MHz to 2500MHz	-47.46	-30	PASS
		2570MHz to 3000MHz	-37.48	-30	PASS
		3000MHz to 7500MHz	-48.16	-30	PASS
		7500MHz to 12750MHz	-49.66	-30	PASS
	21350	0.009MHz to 0.15MHz	-58.65	-36	PASS
		0.15MHz to 30MHz	-79.28	-36	PASS
		30MHz to 1000MHz	-63.78	-36	PASS
		1000MHz to 2525MHz	-48.45	-30	PASS
		2595MHz to 3000MHz	-46.88	-30	PASS
		3000MHz to 7500MHz	-49.41	-30	PASS
		7500MHz to 12750MHz	-49.27	-30	PASS





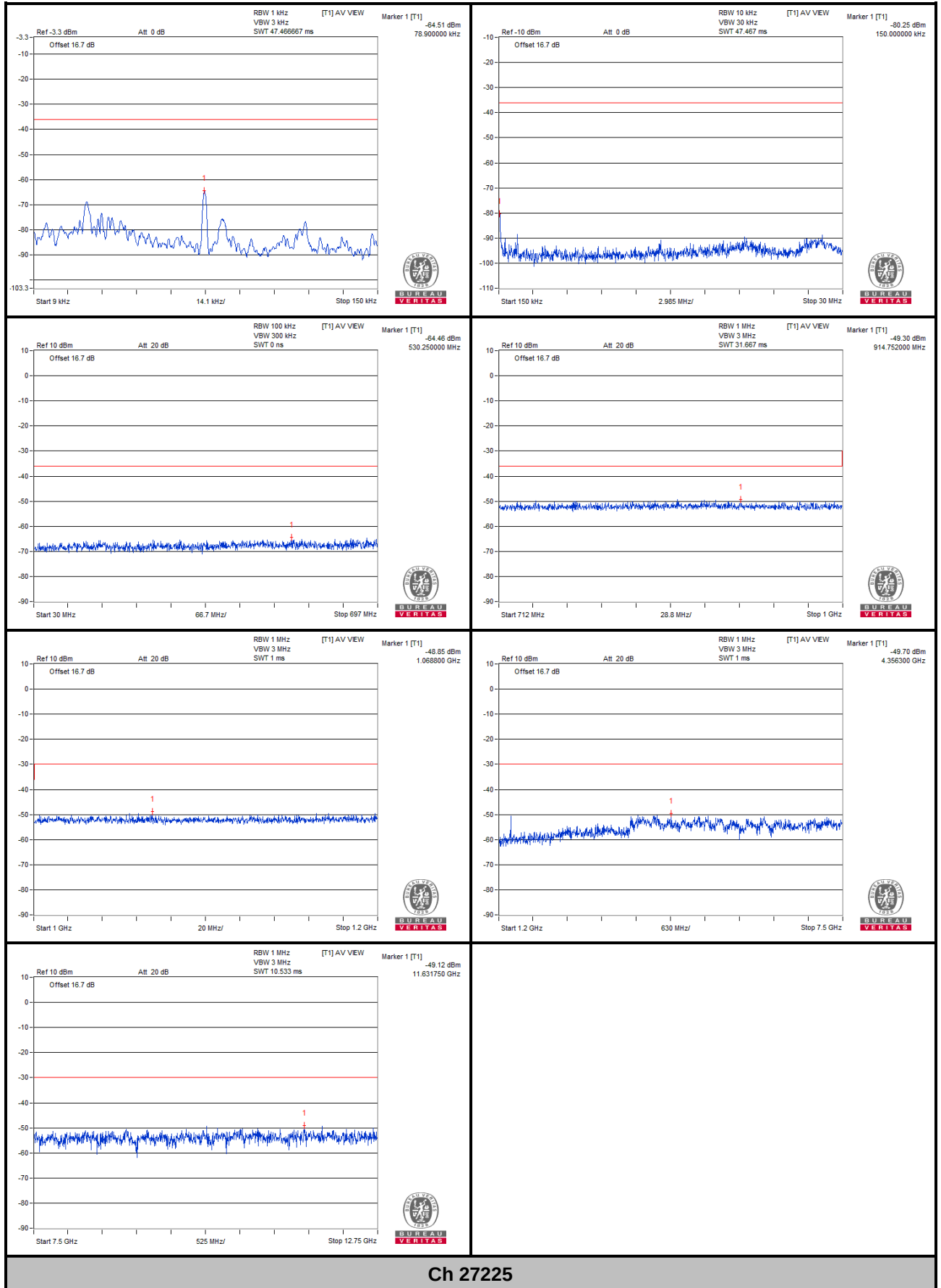
Ch 21100



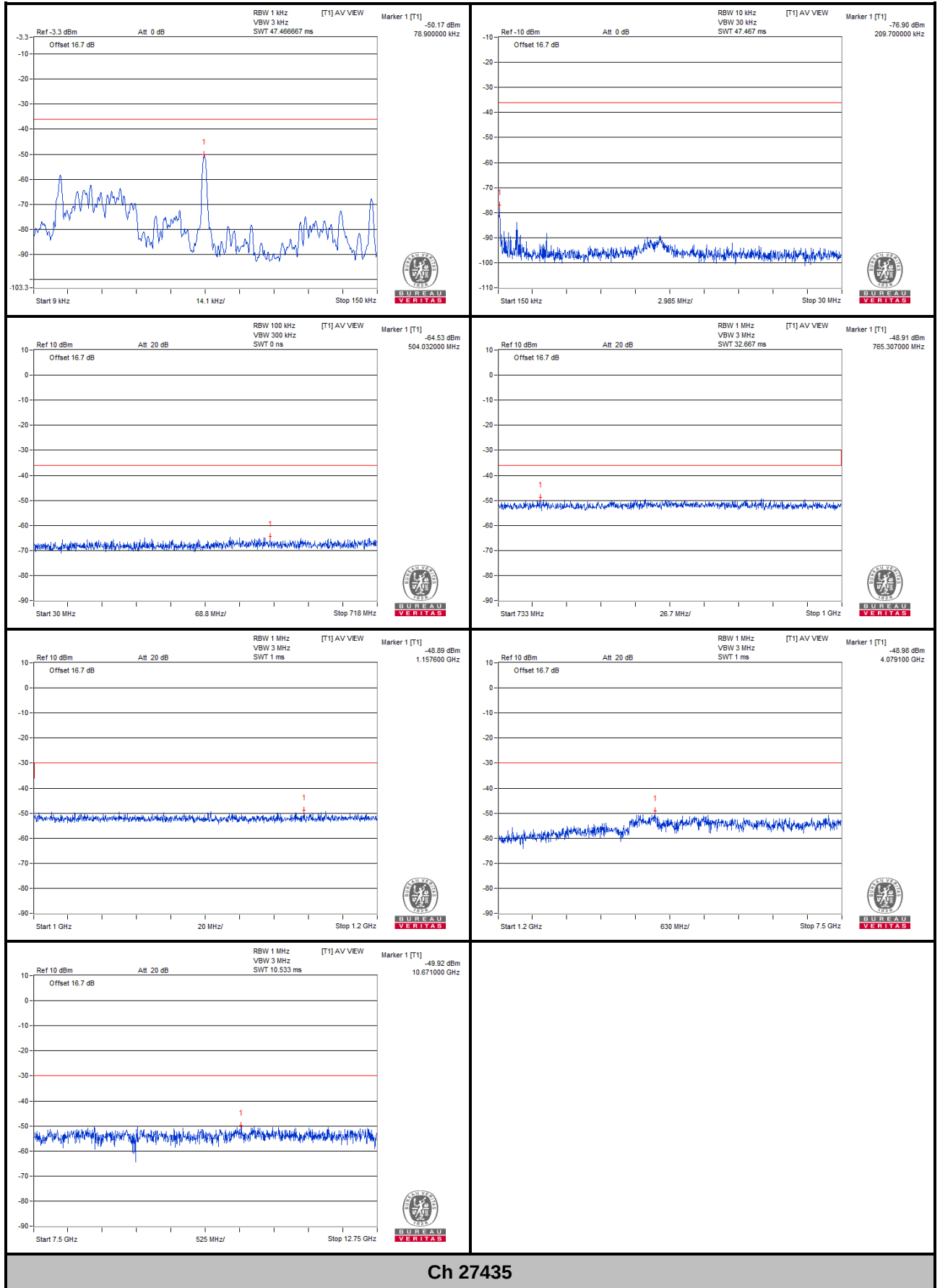
LTE Band 28

Bandwidth: 3 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27225	0.009MHz to 0.15MHz	-64.51	-36	PASS
		0.15MHz to 30MHz	-80.25	-36	PASS
		30MHz to 697MHz	-64.46	-36	PASS
		712MHz to 1000MHz	-49.30	-36	PASS
		1000MHz to 1200MHz	-48.85	-30	PASS
		1200MHz to 7500MHz	-49.70	-30	PASS
		7500MHz to 12750MHz	-49.12	-30	PASS
	27435	0.009MHz to 0.15MHz	-50.17	-36	PASS
		0.15MHz to 30MHz	-76.90	-36	PASS
		30MHz to 718MHz	-64.53	-36	PASS
		733MHz to 1000MHz	-48.91	-36	PASS
		1000MHz to 1200MHz	-48.89	-30	PASS
		1200MHz to 7500MHz	-48.98	-30	PASS
		7500MHz to 12750MHz	-49.92	-30	PASS
	27645	0.009MHz to 0.15MHz	-50.91	-36	PASS
		0.15MHz to 30MHz	-77.47	-36	PASS
		30MHz to 739MHz	-64.02	-36	PASS
		754MHz to 1000MHz	-48.92	-36	PASS
		1000MHz to 1200MHz	-49.07	-30	PASS
		1200MHz to 7500MHz	-49.67	-30	PASS
		7500MHz to 12750MHz	-49.68	-30	PASS



Ch 27225



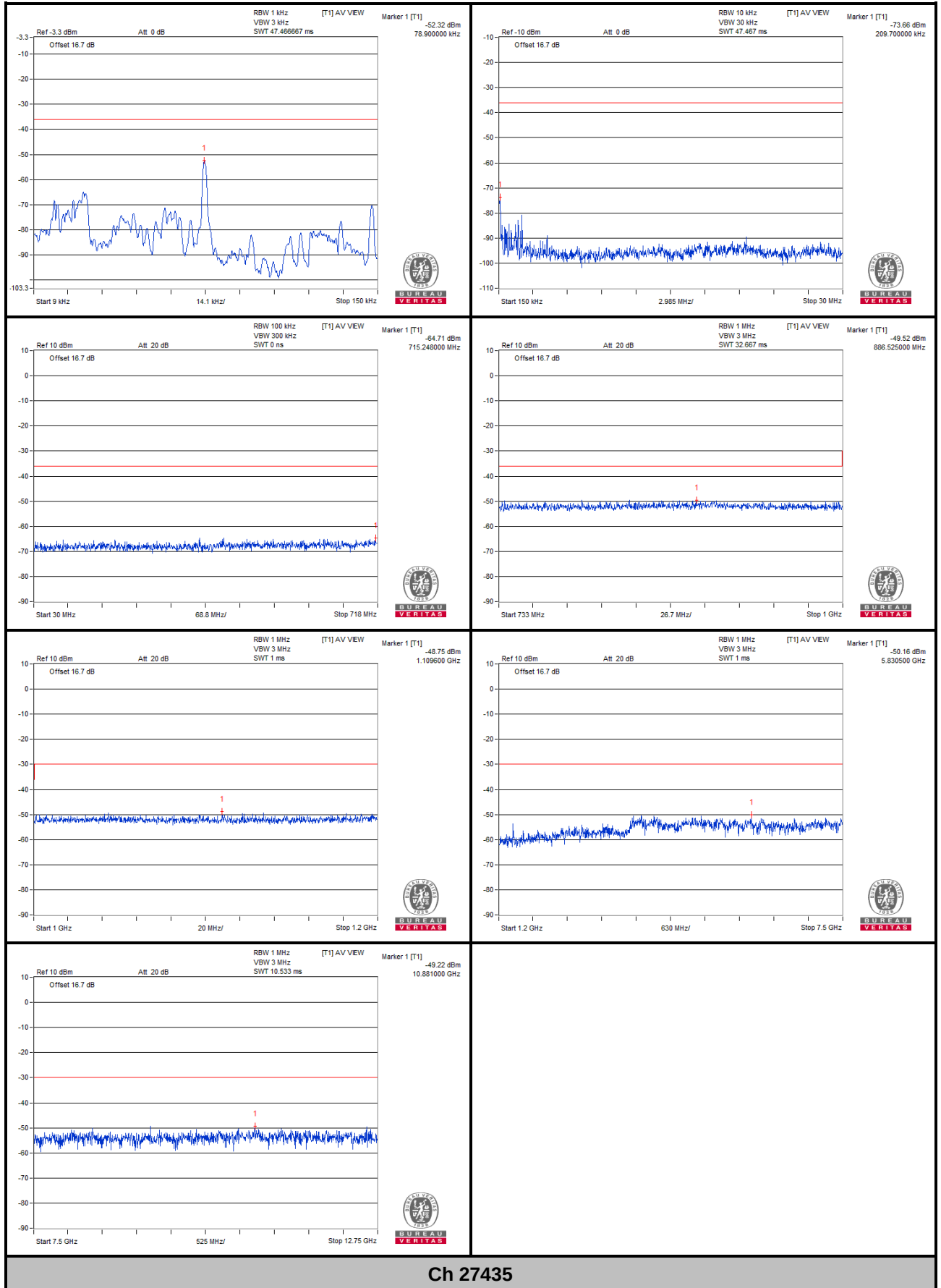


Ch 27645

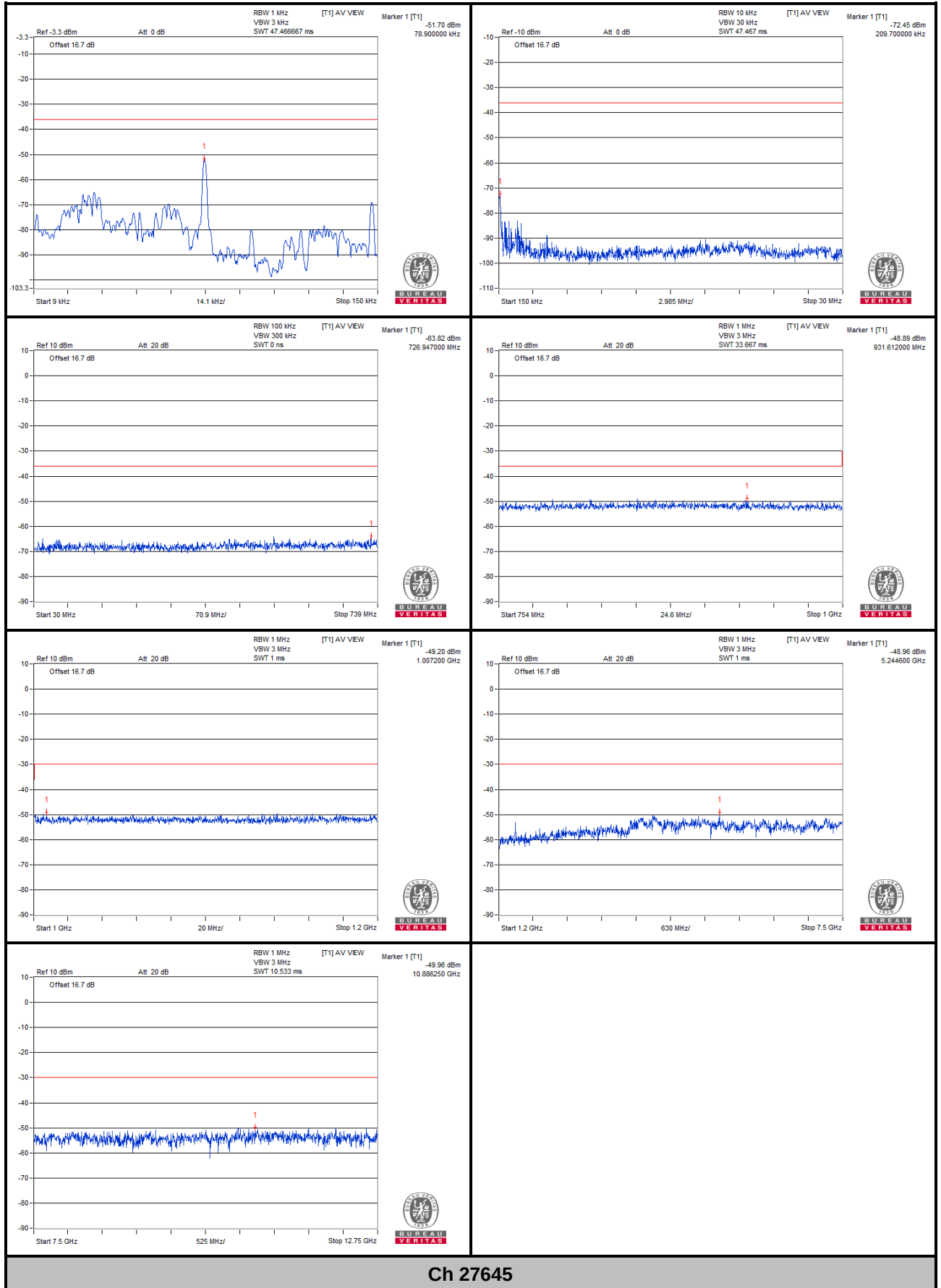
Bandwidth: 3 MHz / QPSK (15 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27225	0.009MHz to 0.15MHz	-63.43	-36	PASS
		0.15MHz to 30MHz	-81.49	-36	PASS
		30MHz to 697MHz	-64.18	-36	PASS
		712MHz to 1000MHz	-48.56	-36	PASS
		1000MHz to 1200MHz	-49.14	-30	PASS
		1200MHz to 7500MHz	-49.88	-30	PASS
		7500MHz to 12750MHz	-49.21	-30	PASS
	27435	0.009MHz to 0.15MHz	-52.32	-36	PASS
		0.15MHz to 30MHz	-73.66	-36	PASS
		30MHz to 718MHz	-64.71	-36	PASS
		733MHz to 1000MHz	-49.52	-36	PASS
		1000MHz to 1200MHz	-48.75	-30	PASS
		1200MHz to 7500MHz	-50.16	-30	PASS
		7500MHz to 12750MHz	-49.22	-30	PASS
	27645	0.009MHz to 0.15MHz	-51.70	-36	PASS
		0.15MHz to 30MHz	-72.45	-36	PASS
		30MHz to 739MHz	-63.82	-36	PASS
		754MHz to 1000MHz	-48.89	-36	PASS
		1000MHz to 1200MHz	-49.20	-30	PASS
		1200MHz to 7500MHz	-48.96	-30	PASS
		7500MHz to 12750MHz	-49.96	-30	PASS





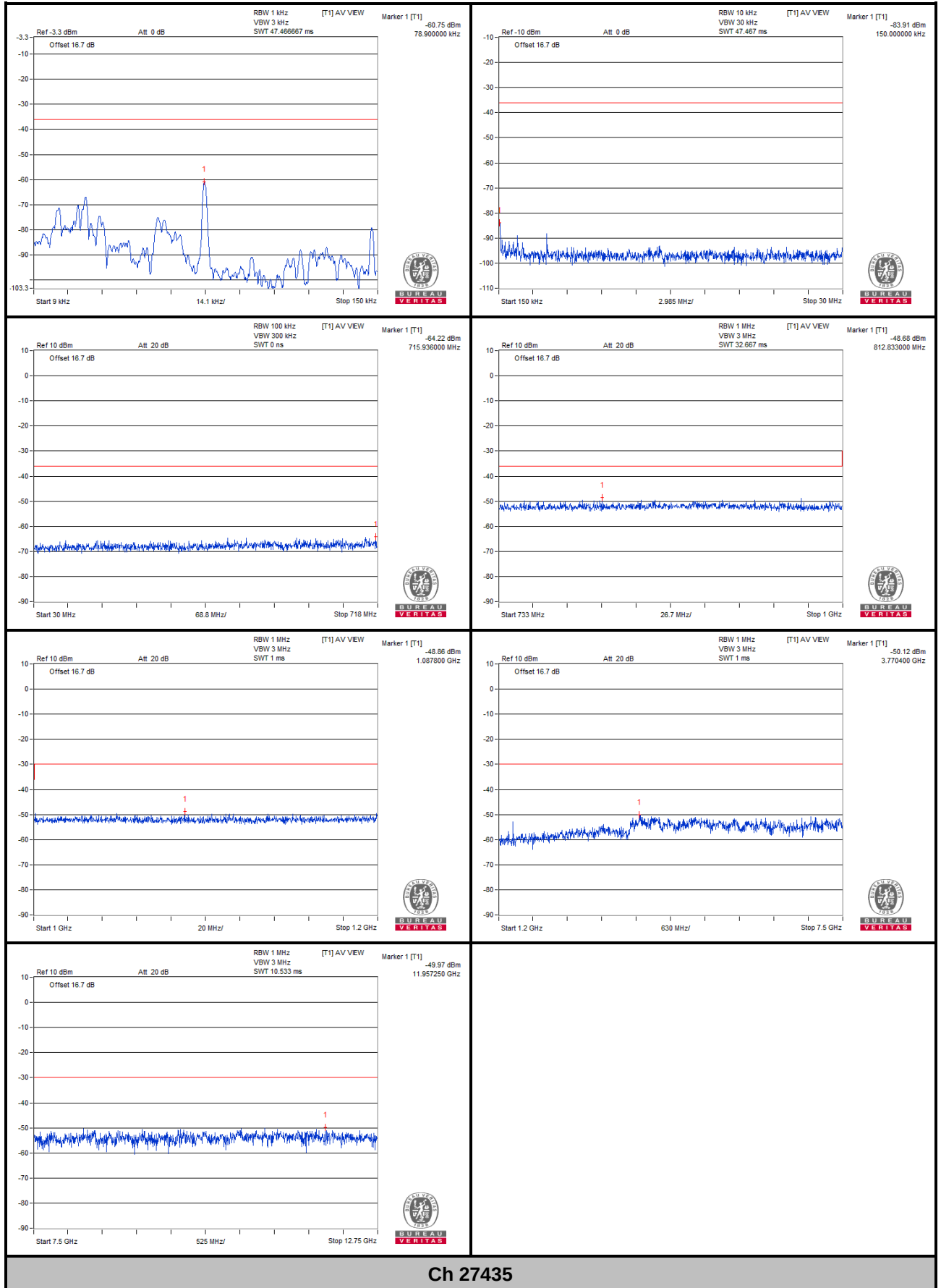
Ch 27435



Bandwidth: 3 MHz / QPSK (1 RB / 14 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27225	0.009MHz to 0.15MHz	-65.40	-36	PASS
		0.15MHz to 30MHz	-79.30	-36	PASS
		30MHz to 697MHz	-64.24	-36	PASS
		712MHz to 1000MHz	-48.82	-36	PASS
		1000MHz to 1200MHz	-49.79	-30	PASS
		1200MHz to 7500MHz	-50.31	-30	PASS
		7500MHz to 12750MHz	-49.74	-30	PASS
	27435	0.009MHz to 0.15MHz	-60.75	-36	PASS
		0.15MHz to 30MHz	-83.91	-36	PASS
		30MHz to 718MHz	-64.22	-36	PASS
		733MHz to 1000MHz	-48.68	-36	PASS
		1000MHz to 1200MHz	-48.86	-30	PASS
		1200MHz to 7500MHz	-50.12	-30	PASS
		7500MHz to 12750MHz	-49.97	-30	PASS
	27645	0.009MHz to 0.15MHz	-64.34	-36	PASS
		0.15MHz to 30MHz	-84.67	-36	PASS
		30MHz to 739MHz	-64.69	-36	PASS
		754MHz to 1000MHz	-49.30	-36	PASS
		1000MHz to 1200MHz	-49.51	-30	PASS
		1200MHz to 7500MHz	-49.26	-30	PASS
		7500MHz to 12750MHz	-49.99	-30	PASS





Ch 27435



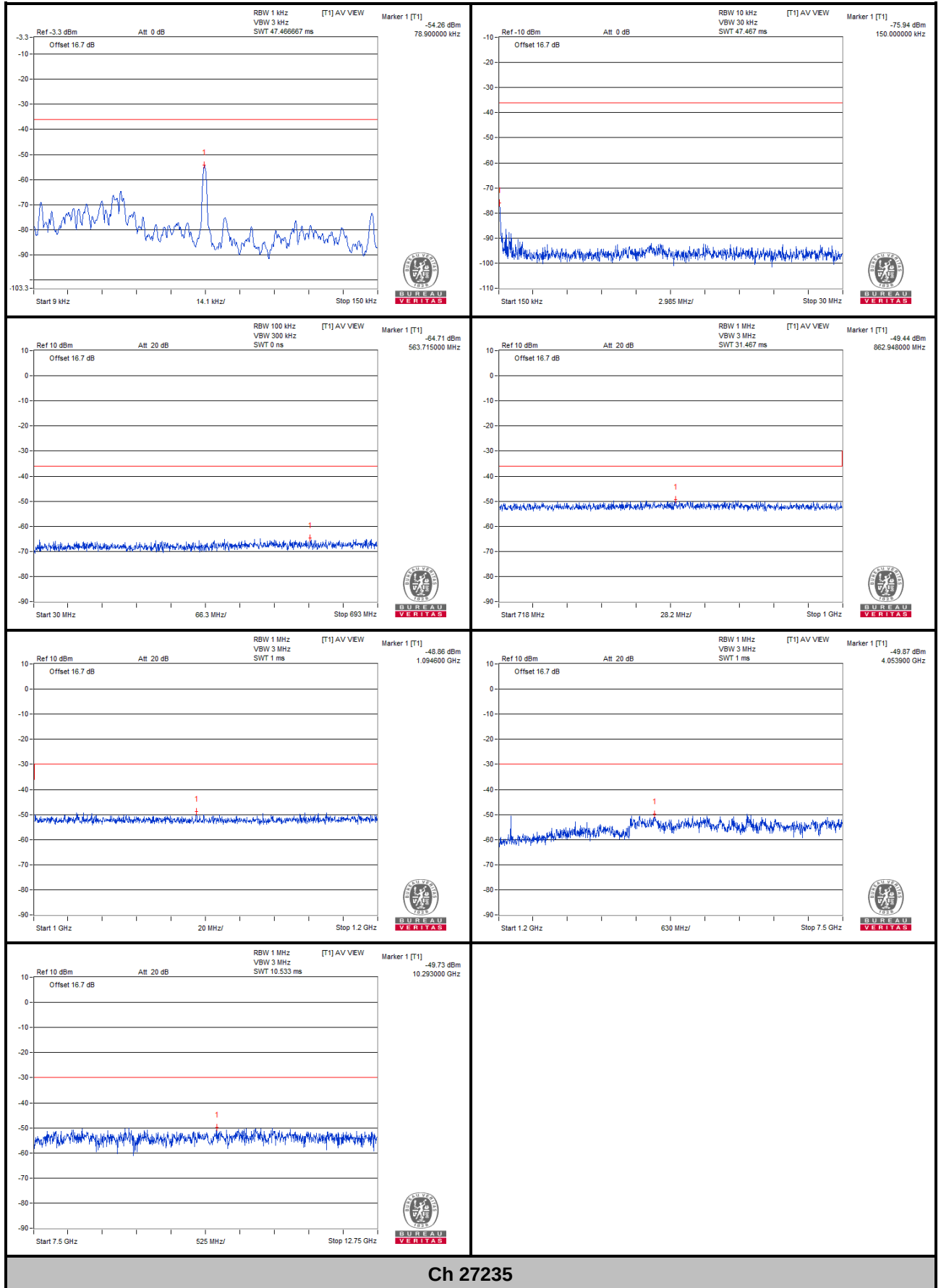
BUREAU
VERITAS



Ch 27645

Bandwidth: 5 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27235	0.009MHz to 0.15MHz	-54.26	-36	PASS
		0.15MHz to 30MHz	-75.94	-36	PASS
		30MHz to 693MHz	-64.71	-36	PASS
		718MHz to 1000MHz	-49.44	-36	PASS
		1000MHz to 1200MHz	-48.86	-30	PASS
		1200MHz to 7500MHz	-49.87	-30	PASS
		7500MHz to 12750MHz	-49.73	-30	PASS
	27435	0.009MHz to 0.15MHz	-51.29	-36	PASS
		0.15MHz to 30MHz	-71.61	-36	PASS
		30MHz to 713MHz	-64.22	-36	PASS
		738MHz to 1000MHz	-49.35	-36	PASS
		1000MHz to 1200MHz	-49.26	-30	PASS
		1200MHz to 7500MHz	-48.47	-30	PASS
		7500MHz to 12750MHz	-49.32	-30	PASS
	27635	0.009MHz to 0.15MHz	-55.16	-36	PASS
		0.15MHz to 30MHz	-77.04	-36	PASS
		30MHz to 733MHz	-64.78	-36	PASS
		758MHz to 1000MHz	-47.96	-36	PASS
		1000MHz to 1200MHz	-49.28	-30	PASS
		1200MHz to 7500MHz	-50.07	-30	PASS
		7500MHz to 12750MHz	-49.28	-30	PASS





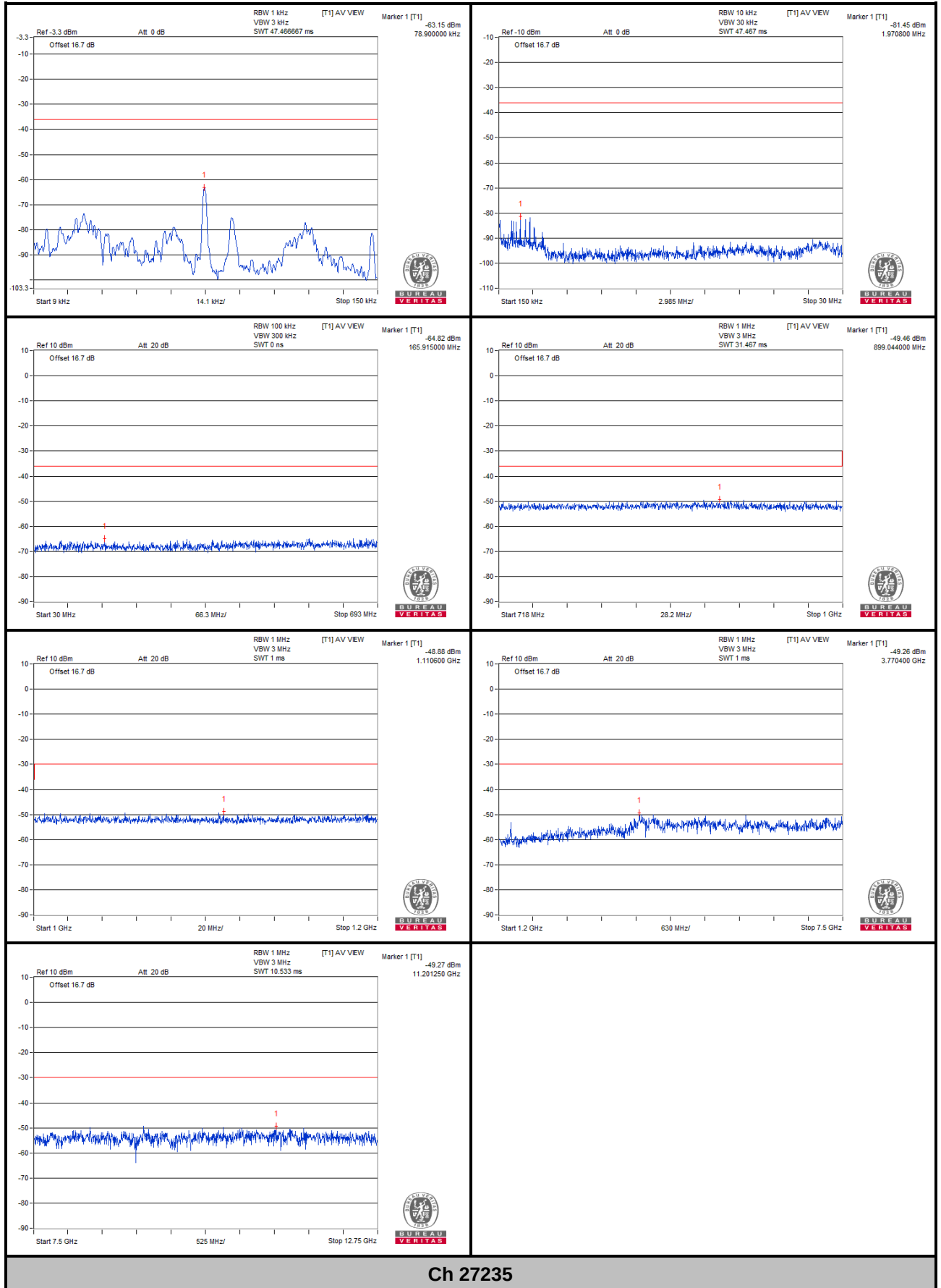
Ch 27435



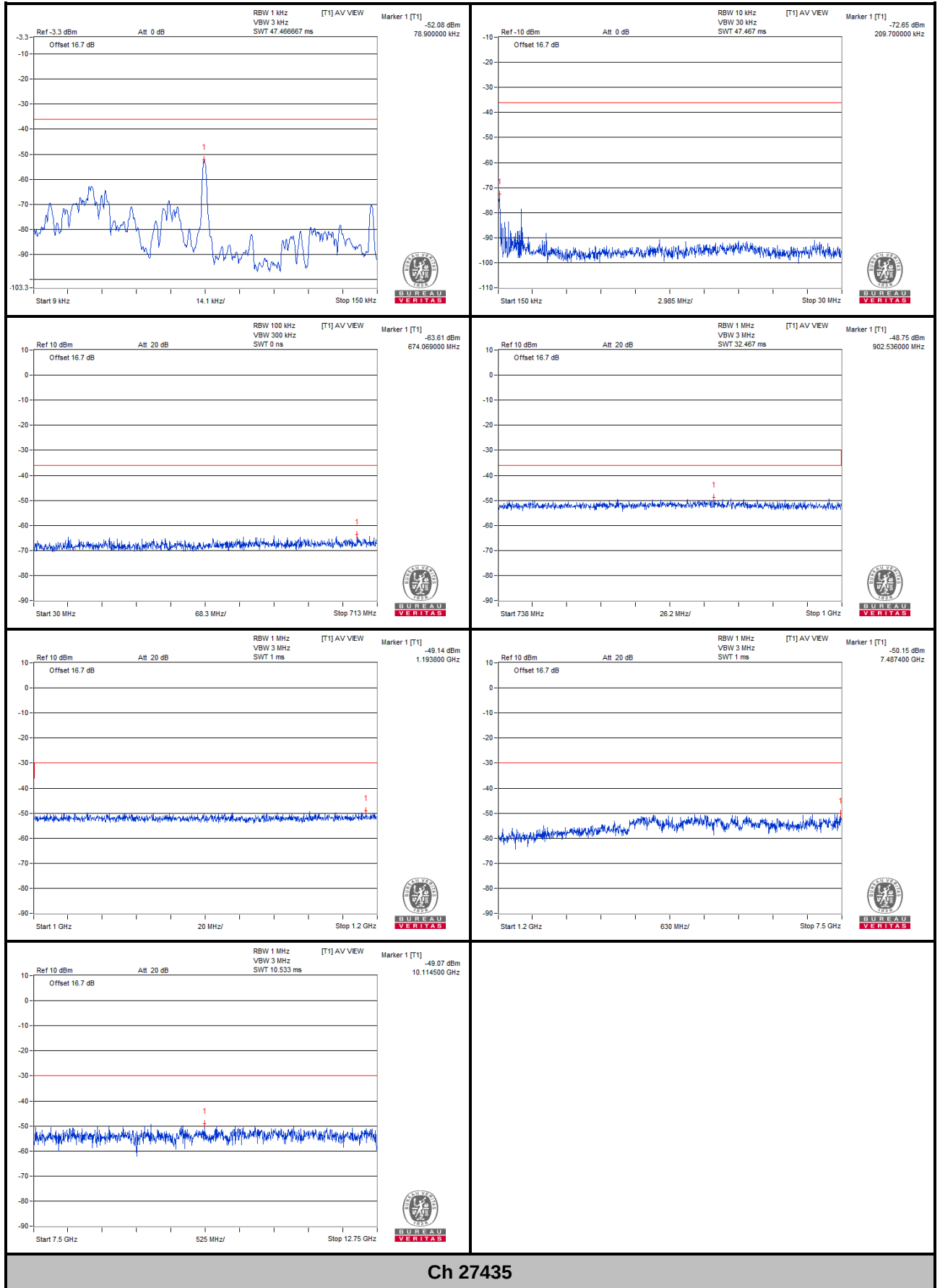
Ch 27635

Bandwidth: 5 MHz / QPSK (25 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27235	0.009MHz to 0.15MHz	-63.15	-36	PASS
		0.15MHz to 30MHz	-81.45	-36	PASS
		30MHz to 693MHz	-64.82	-36	PASS
		718MHz to 1000MHz	-49.46	-36	PASS
		1000MHz to 1200MHz	-48.88	-30	PASS
		1200MHz to 7500MHz	-49.26	-30	PASS
		7500MHz to 12750MHz	-49.27	-30	PASS
	27435	0.009MHz to 0.15MHz	-52.08	-36	PASS
		0.15MHz to 30MHz	-72.65	-36	PASS
		30MHz to 713MHz	-63.61	-36	PASS
		738MHz to 1000MHz	-48.75	-36	PASS
		1000MHz to 1200MHz	-49.14	-30	PASS
		1200MHz to 7500MHz	-50.15	-30	PASS
		7500MHz to 12750MHz	-49.07	-30	PASS
	27635	0.009MHz to 0.15MHz	-51.82	-36	PASS
		0.15MHz to 30MHz	-71.99	-36	PASS
		30MHz to 733MHz	-63.97	-36	PASS
		758MHz to 1000MHz	-48.61	-36	PASS
		1000MHz to 1200MHz	-48.92	-30	PASS
		1200MHz to 7500MHz	-50.63	-30	PASS
		7500MHz to 12750MHz	-49.98	-30	PASS



Ch 27235



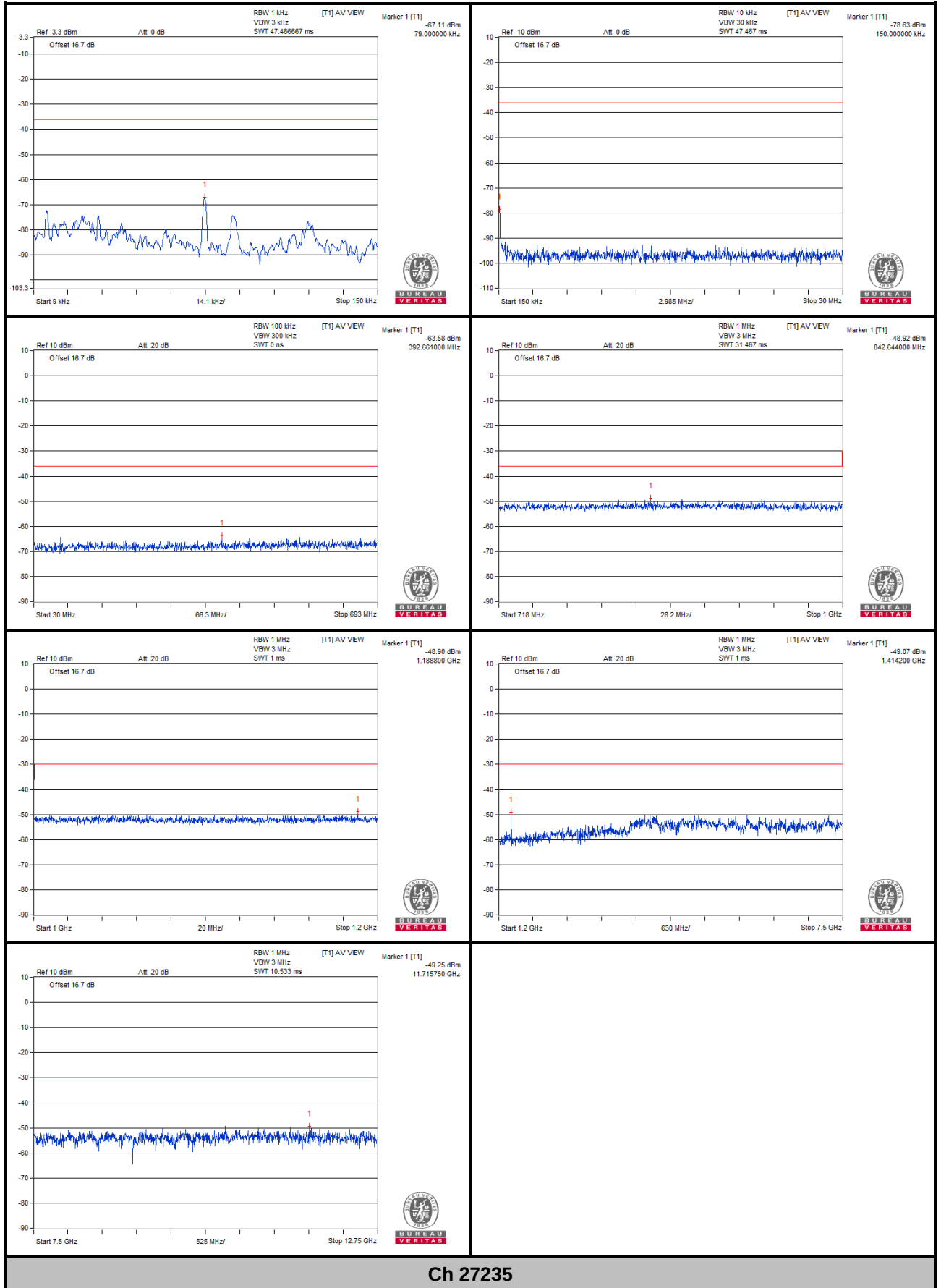
Ch 27435



Ch 27635

Bandwidth: 5 MHz / QPSK (1 RB / 24 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27235	0.009MHz to 0.15MHz	-67.11	-36	PASS
		0.15MHz to 30MHz	-78.63	-36	PASS
		30MHz to 693MHz	-63.58	-36	PASS
		718MHz to 1000MHz	-48.92	-36	PASS
		1000MHz to 1200MHz	-48.90	-30	PASS
		1200MHz to 7500MHz	-49.07	-30	PASS
		7500MHz to 12750MHz	-49.25	-30	PASS
	27435	0.009MHz to 0.15MHz	-66.24	-36	PASS
		0.15MHz to 30MHz	-88.17	-36	PASS
		30MHz to 713MHz	-63.92	-36	PASS
		738MHz to 1000MHz	-48.89	-36	PASS
		1000MHz to 1200MHz	-49.14	-30	PASS
		1200MHz to 7500MHz	-49.64	-30	PASS
		7500MHz to 12750MHz	-49.71	-30	PASS
	27635	0.009MHz to 0.15MHz	-66.42	-36	PASS
		0.15MHz to 30MHz	-87.96	-36	PASS
		30MHz to 733MHz	-63.43	-36	PASS
		758MHz to 1000MHz	-49.02	-36	PASS
		1000MHz to 1200MHz	-49.00	-30	PASS
		1200MHz to 7500MHz	-48.89	-30	PASS
		7500MHz to 12750MHz	-49.34	-30	PASS



Ch 27235





Ch 27635

Bandwidth: 20 MHz / QPSK (1 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27310	0.009MHz to 0.15MHz	-48.12	-36	PASS
		0.15MHz to 30MHz	-74.29	-36	PASS
		30MHz to 678MHz	-64.07	-36	PASS
		748MHz to 1000MHz	-49.29	-36	PASS
		1000MHz to 1200MHz	-49.27	-30	PASS
		1200MHz to 7500MHz	-49.94	-30	PASS
		7500MHz to 12750MHz	-49.95	-30	PASS
	27435	0.009MHz to 0.15MHz	-50.77	-36	PASS
		0.15MHz to 30MHz	-75.36	-36	PASS
		30MHz to 690.5MHz	-63.93	-36	PASS
		760.5MHz to 1000MHz	-48.73	-36	PASS
		1000MHz to 1200MHz	-49.36	-30	PASS
		1200MHz to 7500MHz	-50.26	-30	PASS
		7500MHz to 12750MHz	-50.41	-30	PASS
	27560	0.009MHz to 0.15MHz	-57.76	-36	PASS
		0.15MHz to 30MHz	-79.70	-36	PASS
		30MHz to 703MHz	-64.46	-36	PASS
		773MHz to 1000MHz	-48.38	-36	PASS
		1000MHz to 1200MHz	-49.23	-30	PASS
		1200MHz to 7500MHz	-49.51	-30	PASS
		7500MHz to 12750MHz	-48.38	-30	PASS



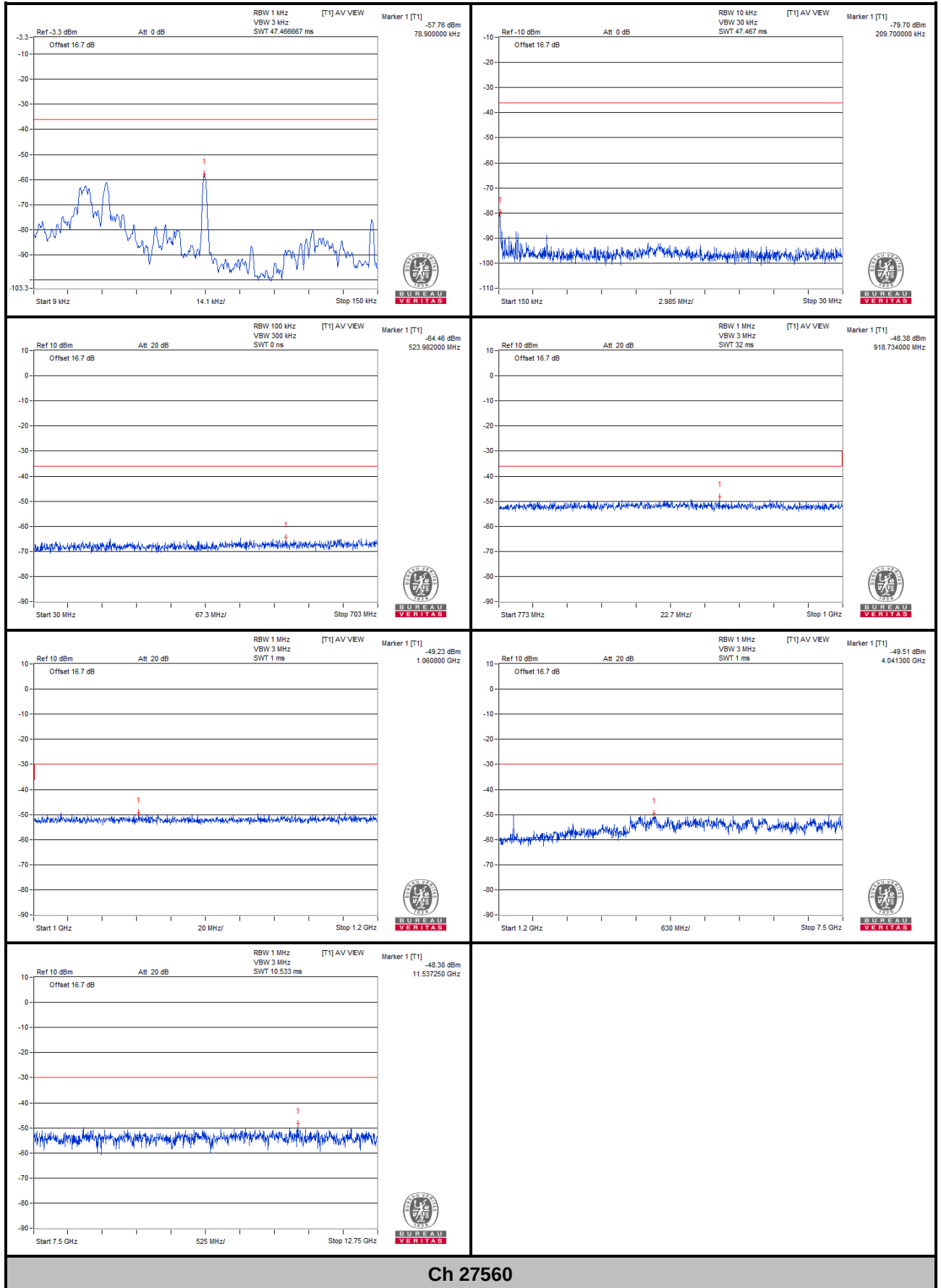
Ch 27310



Ch 27435



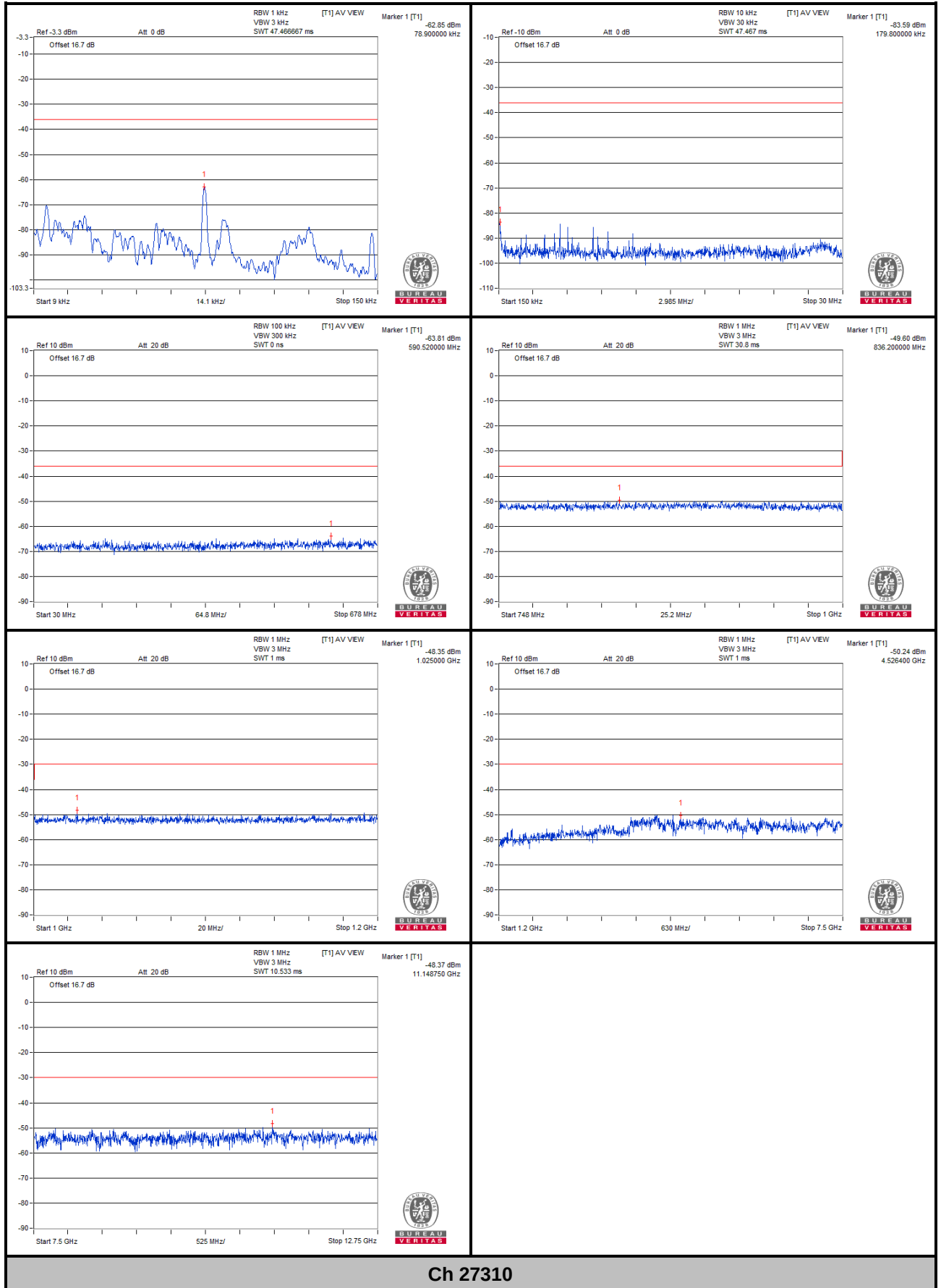
BUREAU
VERITAS



Ch 27560

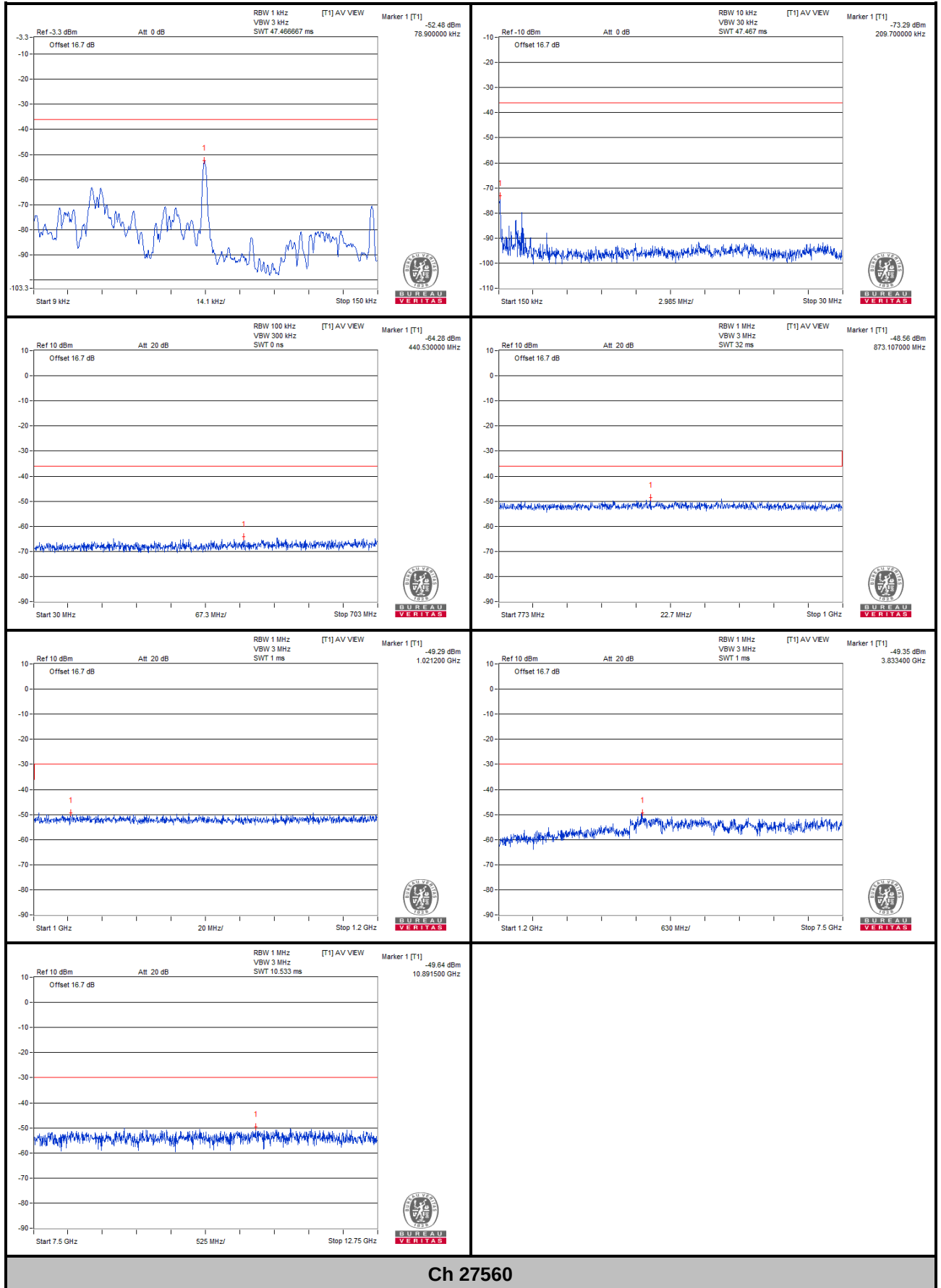
Bandwidth: 20 MHz / QPSK (100 RB / 0 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27310	0.009MHz to 0.15MHz	-62.85	-36	PASS
		0.15MHz to 30MHz	-83.59	-36	PASS
		30MHz to 678MHz	-63.81	-36	PASS
		748MHz to 1000MHz	-49.60	-36	PASS
		1000MHz to 1200MHz	-48.35	-30	PASS
		1200MHz to 7500MHz	-50.24	-30	PASS
		7500MHz to 12750MHz	-48.37	-30	PASS
	27435	0.009MHz to 0.15MHz	-63.27	-36	PASS
		0.15MHz to 30MHz	-76.88	-36	PASS
		30MHz to 690.5MHz	-64.40	-36	PASS
		760.5MHz to 1000MHz	-49.51	-36	PASS
		1000MHz to 1200MHz	-49.33	-30	PASS
		1200MHz to 7500MHz	-49.96	-30	PASS
		7500MHz to 12750MHz	-49.35	-30	PASS
	27560	0.009MHz to 0.15MHz	-52.48	-36	PASS
		0.15MHz to 30MHz	-73.29	-36	PASS
		30MHz to 703MHz	-64.28	-36	PASS
		773MHz to 1000MHz	-48.56	-36	PASS
		1000MHz to 1200MHz	-49.29	-30	PASS
		1200MHz to 7500MHz	-49.35	-30	PASS
		7500MHz to 12750MHz	-49.64	-30	PASS



Ch 27310





Bandwidth: 20 MHz / QPSK (1 RB / 99 RB Offset)

Modulation	Channel	Frequency Range (MHz)	Measurement Value	Limit	Pass / Fail
QPSK	27310	0.009MHz to 0.15MHz	-67.99	-36	PASS
		0.15MHz to 30MHz	-77.68	-36	PASS
		30MHz to 678MHz	-64.03	-36	PASS
		748MHz to 1000MHz	-49.49	-36	PASS
		1000MHz to 1200MHz	-49.88	-30	PASS
		1200MHz to 7500MHz	-49.72	-30	PASS
		7500MHz to 12750MHz	-49.27	-30	PASS
	27435	0.009MHz to 0.15MHz	-68.30	-36	PASS
		0.15MHz to 30MHz	-79.97	-36	PASS
		30MHz to 690.5MHz	-64.25	-36	PASS
		760.5MHz to 1000MHz	-49.10	-36	PASS
		1000MHz to 1200MHz	-49.05	-30	PASS
		1200MHz to 7500MHz	-47.17	-30	PASS
		7500MHz to 12750MHz	-50.11	-30	PASS
	27560	0.009MHz to 0.15MHz	-67.45	-36	PASS
		0.15MHz to 30MHz	-88.28	-36	PASS
		30MHz to 703MHz	-63.78	-36	PASS
		773MHz to 1000MHz	-49.05	-36	PASS
		1000MHz to 1200MHz	-49.19	-30	PASS
		1200MHz to 7500MHz	-49.97	-30	PASS
		7500MHz to 12750MHz	-50.23	-30	PASS





Ch 27435



Ch 27560

6. 相鄰頻道洩漏功率比(ACLR)

6.1 適用標準

相鄰頻道洩漏功率比限制值為 29.2dB，測量時，頻道之量測頻寬依下表規定，

	頻道頻寬					
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
相鄰頻道偏移	±1.4MHz	±3MHz	±5MHz	±10MHz	±15MHz	±20MHz
頻道量測頻寬	1.08 MHz	2.7 MHz	4.5 MHz	9.0 MHz	13.5 MHz	18 MHz
相鄰頻道洩漏功率限制值	29.2dB					

但，但設備屬 HPUE 者限制值為 30.2 dB，測量時，頻道之量測頻寬依下表規定。

	頻道頻寬					
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
相鄰頻道偏移	N/A	N/A	±5MHz	±10MHz	±15MHz	±20MHz
頻道量測頻寬	N/A	N/A	4.5 MHz	9.0 MHz	13.5 MHz	18 MHz
相鄰頻道洩漏功率限制值	N/A	N/A	30.2dB			

6.2 量測方法

- (1) 在正常條件下執行測試，量測方式參考 3GPP TS 36 521-1, table 6.6.2.3.4.1-1。
- (2) 測量檢測頻道與其相鄰通道的平均功率，計算相鄰頻道洩漏功率比。測量時，頻道的量測頻寬依下表之規定。

	頻道頻寬					
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
相鄰頻道偏移	±1.4MHz	±3MHz	±5MHz	±10MHz	±15MHz	±20MHz
頻道量測頻寬	1.08 MHz	2.7 MHz	4.5 MHz	9.0 MHz	13.5 MHz	18 MHz

- (3) 檢測頻道為低、中、高三個頻道，對最低、5MHz、10MHz 及最高的工作頻寬之最大調變級數發射模式，均應分別檢測並依下表之規定。

頻道頻寬	下行結構			上行結構		
	調變方式	資源區塊分配		調變方式	資源區塊分配	
		FDD	TDD		FDD	TDD
1.4MHz	相鄰頻道洩漏功率比測試不適用			QPSK	6	6
1.4MHz				QPSK	5	5
1.4MHz				16QAM	6	6
1.4MHz				16QAM	5	5
3MHz				QPSK	15	15
3MHz				QPSK	4	4
3MHz				16QAM	15	15
3MHz				16QAM	4	4
5MHz				QPSK	25	25
5MHz				QPSK	8	8
5MHz				16QAM	25	25
5MHz				16QAM	8	8
10MHz				QPSK	50	50
10MHz				QPSK	12	12
10MHz				16QAM	50(註一)	50(註一)
10MHz				16QAM	12	12

15MHz		QPSK	75	75
15MHz		QPSK	16	16
15MHz		16QAM	75(註一)	75(註一)
15MHz		16QAM	16	16
20MHz		QPSK	100	100
20MHz		QPSK	18	18
20MHz		16QAM	100(註一)	100(註一)
20MHz		16QAM	18	18

註：

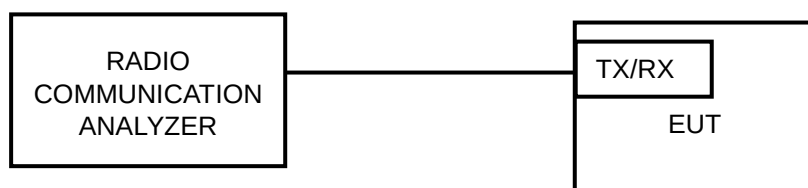
- 一、僅適用於用戶設備類別(UE-Categories)為 2~5。
- 二、RB offset 設定值及應檢項目之測試方法，是參考 3GPP TS 36.521 技術標準規定。

6.3 量測儀器

Description & Band/Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Radio Communication Analyzer extended TDD function Anritsu	MT8820C	6201127458	2021/3/19	2022/3/18

NOTE: 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	測試者	彭瀚淳
量測場地溫度	24℃	量測場地濕度	64%RH

LTE Band 1

工作頻寬 (MHz)	5			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功率測試值 (dB)	相鄰頻道洩漏功率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
18025	1922.5	QPSK	PRB#0	-5	-38.13	-29.2	-8.93	Pass
				5	-49.51	-29.2	-20.31	Pass
			PRB#Max	-5	-52.15	-29.2	-22.95	Pass
				5	-38.21	-29.2	-9.01	Pass
			FRB	-5	-35.44	-29.2	-6.24	Pass
				5	-36.52	-29.2	-7.32	Pass
		16 QAM	PRB#0	-5	-38.57	-29.2	-9.37	Pass
				5	-49.73	-29.2	-20.53	Pass
			PRB#Max	-5	-52.91	-29.2	-23.71	Pass
				5	-38.8	-29.2	-9.6	Pass
			FRB	-5	-36.45	-29.2	-7.25	Pass
				5	-38.45	-29.2	-9.25	Pass
18300	1950	QPSK	PRB#0	-5	-42.6	-29.2	-13.4	Pass
				5	-44.58	-29.2	-15.38	Pass
			PRB#Max	-5	-47.51	-29.2	-18.31	Pass
				5	-42.06	-29.2	-12.86	Pass
			FRB	-5	-41.14	-29.2	-11.94	Pass
				5	-41.21	-29.2	-12.01	Pass
		16 QAM	PRB#0	-5	-42.36	-29.2	-13.16	Pass
				5	-45.15	-29.2	-15.95	Pass
			PRB#Max	-5	-48.38	-29.2	-19.18	Pass
				5	-42.25	-29.2	-13.05	Pass
			FRB	-5	-40.54	-29.2	-11.34	Pass
				5	-41.58	-29.2	-12.38	Pass

工作頻寬 (MHz)	5			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功 率測試值 (dB)	相鄰頻道洩漏功 率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
18575	1977.5	QPSK	PRB#0	-5	-39.52	-29.2	-10.32	Pass
				5	-44.94	-29.2	-15.74	Pass
			PRB#Max	-5	-47.71	-29.2	-18.51	Pass
				5	-40.47	-29.2	-11.27	Pass
			FRB	-5	-39.69	-29.2	-10.49	Pass
				5	-42	-29.2	-12.8	Pass
		16 QAM	PRB#0	-5	-40.09	-29.2	-10.89	Pass
				5	-45.35	-29.2	-16.15	Pass
			PRB#Max	-5	-48.53	-29.2	-19.33	Pass
				5	-41.84	-29.2	-12.64	Pass
			FRB	-5	-39.95	-29.2	-10.75	Pass
				5	-43.26	-29.2	-14.06	Pass

工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
18050	1925	QPSK	PRB#0	-10	-38.19	-29.2	-8.99	Pass
				10	-47.68	-29.2	-18.48	Pass
			PRB#Max	-10	-48.32	-29.2	-19.12	Pass
				10	-40.14	-29.2	-10.94	Pass
			FRB	-10	-35.47	-29.2	-6.27	Pass
				10	-38.54	-29.2	-9.34	Pass
		16 QAM	PRB#0	-10	-39.22	-29.2	-10.02	Pass
				10	-48.43	-29.2	-19.23	Pass
			PRB#Max	-10	-49.56	-29.2	-20.36	Pass
				10	-41.4	-29.2	-12.2	Pass
18300	1950	QPSK	PRB#0	-10	-44	-29.2	-14.8	Pass
				10	-45.74	-29.2	-16.54	Pass
			PRB#Max	-10	-48.57	-29.2	-19.37	Pass
				10	-44.2	-29.2	-15	Pass
			FRB	-10	-40.92	-29.2	-11.72	Pass
				10	-41.79	-29.2	-12.59	Pass
		16 QAM	PRB#0	-10	-44.12	-29.2	-14.92	Pass
				10	-45.4	-29.2	-16.2	Pass
			PRB#Max	-10	-48.97	-29.2	-19.77	Pass
				10	-44.19	-29.2	-14.99	Pass

工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18550	1975	QPSK	PRB#0	-10	-41.05	-29.2	-11.85	Pass
				10	-48.25	-29.2	-19.05	Pass
			PRB#Max	-10	-46.38	-29.2	-17.18	Pass
				10	-42.24	-29.2	-13.04	Pass
			FRB	-10	-37.61	-29.2	-8.41	Pass
				10	-42	-29.2	-12.8	Pass
		16 QAM	PRB#0	-10	-42.08	-29.2	-12.88	Pass
				10	-47.64	-29.2	-18.44	Pass
			PRB#Max	-10	-47.48	-29.2	-18.28	Pass
				10	-44.09	-29.2	-14.89	Pass

工作頻寬 (MHz)	20			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功率測試值 (dB)	相鄰頻道洩漏功率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
18100	1930	QPSK	PRB#0	-20	-41.17	-29.2	-11.97	Pass
				20	-47.73	-29.2	-18.53	Pass
			PRB#Max	-20	-49.06	-29.2	-19.86	Pass
				20	-44.33	-29.2	-15.13	Pass
			FRB	-20	-36.03	-29.2	-6.83	Pass
				20	-40.38	-29.2	-11.18	Pass
		16 QAM	PRB#0	-20	-41.49	-29.2	-12.29	Pass
				20	-47.24	-29.2	-18.04	Pass
			PRB#Max	-20	-49.61	-29.2	-20.41	Pass
				20	-44.53	-29.2	-15.33	Pass
18300	1950	QPSK	PRB#0	-20	-44.45	-29.2	-15.25	Pass
				20	-44.82	-29.2	-15.62	Pass
			PRB#Max	-20	-47.9	-29.2	-18.7	Pass
				20	-44.96	-29.2	-15.76	Pass
			FRB	-20	-39.48	-29.2	-10.28	Pass
				20	-39.59	-29.2	-10.39	Pass
		16 QAM	PRB#0	-20	-44.42	-29.2	-15.22	Pass
				20	-45.39	-29.2	-16.19	Pass
			PRB#Max	-20	-48.21	-29.2	-19.01	Pass
				20	-45.12	-29.2	-15.92	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
18500	1970	QPSK	PRB#0	-20	-44.24	-29.2	-15.04	Pass
				20	-49	-29.2	-19.8	Pass
			PRB#Max	-20	-47.35	-29.2	-18.15	Pass
				20	-44.29	-29.2	-15.09	Pass
			FRB	-20	-36.81	-29.2	-7.61	Pass
				20	-43.28	-29.2	-14.08	Pass
		16 QAM	PRB#0	-20	-44.9	-29.2	-15.7	Pass
				20	-49.49	-29.2	-20.29	Pass
			PRB#Max	-20	-47.02	-29.2	-17.82	Pass
				20	-45.46	-29.2	-16.26	Pass

LTE Band 3

工作頻寬 (MHz)	1.4			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功 率測試值 (dB)	相鄰頻道洩漏功 率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
19207	1710.7	QPSK	PRB#0	-1.4	-44.59	-29.2	-15.39	Pass
				1.4	-46.01	-29.2	-16.81	Pass
			PRB#Max	-1.4	-45.96	-29.2	-16.76	Pass
				1.4	-43.69	-29.2	-14.49	Pass
			FRB	-1.4	-45.86	-29.2	-16.66	Pass
				1.4	-45.62	-29.2	-16.42	Pass
		16 QAM	PRB#0	-1.4	-44.93	-29.2	-15.73	Pass
				1.4	-46.72	-29.2	-17.52	Pass
			PRB#Max	-1.4	-46.4	-29.2	-17.2	Pass
				1.4	-44.58	-29.2	-15.38	Pass
			FRB	-1.4	-46.33	-29.2	-17.13	Pass
				1.4	-46.53	-29.2	-17.33	Pass
19575	1747.5	QPSK	PRB#0	-1.4	-45.47	-29.2	-16.27	Pass
				1.4	-47.34	-29.2	-18.14	Pass
			PRB#Max	-1.4	-47.06	-29.2	-17.86	Pass
				1.4	-46.04	-29.2	-16.84	Pass
			FRB	-1.4	-46.08	-29.2	-16.88	Pass
				1.4	-47.22	-29.2	-18.02	Pass
		16 QAM	PRB#0	-1.4	-44.99	-29.2	-15.79	Pass
				1.4	-47.55	-29.2	-18.35	Pass
			PRB#Max	-1.4	-47.02	-29.2	-17.82	Pass
				1.4	-45.76	-29.2	-16.56	Pass
			FRB	-1.4	-45.29	-29.2	-16.09	Pass
				1.4	-46.45	-29.2	-17.25	Pass

工作頻寬 (MHz)	1.4			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功 率測試值 (dB)	相鄰頻道洩漏功 率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
19943	1784.3	QPSK	PRB#0	-1.4	-41.69	-29.2	-12.49	Pass
				1.4	-43.45	-29.2	-14.25	Pass
			PRB#Max	-1.4	-43.32	-29.2	-14.12	Pass
				1.4	-42.28	-29.2	-13.08	Pass
			FRB	-1.4	-43.51	-29.2	-14.31	Pass
				1.4	-44.4	-29.2	-15.2	Pass
		16 QAM	PRB#0	-1.4	-42.21	-29.2	-13.01	Pass
				1.4	-43.97	-29.2	-14.77	Pass
			PRB#Max	-1.4	-43.64	-29.2	-14.44	Pass
				1.4	-42.8	-29.2	-13.6	Pass
			FRB	-1.4	-43.17	-29.2	-13.97	Pass
				1.4	-43.8	-29.2	-14.6	Pass

工作頻寬	5			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19225	1712.5	QPSK	PRB#0	-5	-44.34	-29.2	-15.14	Pass
				5	-48.52	-29.2	-19.32	Pass
			PRB#Max	-5	-53.3	-29.2	-24.1	Pass
				5	-44.02	-29.2	-14.82	Pass
			FRB	-5	-47.51	-29.2	-18.31	Pass
				5	-46.71	-29.2	-17.51	Pass
		16 QAM	PRB#0	-5	-45.59	-29.2	-16.39	Pass
				5	-49.59	-29.2	-20.39	Pass
			PRB#Max	-5	-54.51	-29.2	-25.31	Pass
				5	-46.06	-29.2	-16.86	Pass
			FRB	-5	-46.81	-29.2	-17.61	Pass
				5	-46.99	-29.2	-17.79	Pass
19575	1747.5	QPSK	PRB#0	-5	-46.23	-29.2	-17.03	Pass
				5	-47.54	-29.2	-18.34	Pass
			PRB#Max	-5	-51.65	-29.2	-22.45	Pass
				5	-45.78	-29.2	-16.58	Pass
			FRB	-5	-44.27	-29.2	-15.07	Pass
				5	-44.47	-29.2	-15.27	Pass
		16 QAM	PRB#0	-5	-45.64	-29.2	-16.44	Pass
				5	-48.5	-29.2	-19.3	Pass
			PRB#Max	-5	-53.06	-29.2	-23.86	Pass
				5	-45.84	-29.2	-16.64	Pass
			FRB	-5	-43.3	-29.2	-14.1	Pass
				5	-43.52	-29.2	-14.32	Pass

工作頻寬	5			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19925	1782.5	QPSK	PRB#0	-5	-44.96	-29.2	-15.76	Pass
				5	-49.32	-29.2	-20.12	Pass
			PRB#Max	-5	-50.1	-29.2	-20.9	Pass
				5	-45.59	-29.2	-16.39	Pass
			FRB	-5	-43.09	-29.2	-13.89	Pass
				5	-44.49	-29.2	-15.29	Pass
		16 QAM	PRB#0	-5	-44.95	-29.2	-15.75	Pass
				5	-49.89	-29.2	-20.69	Pass
			PRB#Max	-5	-50.78	-29.2	-21.58	Pass
				5	-45.38	-29.2	-16.18	Pass
			FRB	-5	-43.21	-29.2	-14.01	Pass
				5	-45.64	-29.2	-16.44	Pass

工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19250	1715	QPSK	PRB#0	-10	-49.37	-29.2	-20.17	Pass
				10	-51.05	-29.2	-21.85	Pass
			PRB#Max	-10	-56.68	-29.2	-27.48	Pass
				10	-50.12	-29.2	-20.92	Pass
			FRB	-10	-47.58	-29.2	-18.38	Pass
				10	-49.07	-29.2	-19.87	Pass
		16 QAM	PRB#0	-10	-49.31	-29.2	-20.11	Pass
				10	-49.47	-29.2	-20.27	Pass
			PRB#Max	-10	-54.38	-29.2	-25.18	Pass
				10	-50.26	-29.2	-21.06	Pass
19575	1747.5	QPSK	PRB#0	-10	-47.96	-29.2	-18.76	Pass
				10	-50.01	-29.2	-20.81	Pass
			PRB#Max	-10	-54.05	-29.2	-24.85	Pass
				10	-47.92	-29.2	-18.72	Pass
			FRB	-10	-43.97	-29.2	-14.77	Pass
				10	-43.48	-29.2	-14.28	Pass
		16 QAM	PRB#0	-10	-47.28	-29.2	-18.08	Pass
				10	-48.77	-29.2	-19.57	Pass
			PRB#Max	-10	-53.33	-29.2	-24.13	Pass
				10	-47.03	-29.2	-17.83	Pass

工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19900	1780	QPSK	PRB#0	-10	-44.58	-29.2	-15.38	Pass
				10	-49.87	-29.2	-20.67	Pass
			PRB#Max	-10	-49.47	-29.2	-20.27	Pass
				10	-44.55	-29.2	-15.35	Pass
			FRB	-10	-42.18	-29.2	-12.98	Pass
				10	-43.8	-29.2	-14.6	Pass
		16 QAM	PRB#0	-10	-45.03	-29.2	-15.83	Pass
				10	-50.05	-29.2	-20.85	Pass
			PRB#Max	-10	-50.1	-29.2	-20.9	Pass
				10	-45.16	-29.2	-15.96	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
19300	1720	QPSK	PRB#0	-20	-51.02	-29.2	-21.82	Pass
				20	-49.55	-29.2	-20.35	Pass
			PRB#Max	-20	-53.97	-29.2	-24.77	Pass
				20	-50.91	-29.2	-21.71	Pass
			FRB	-20	-46.27	-29.2	-17.07	Pass
				20	-48.61	-29.2	-19.41	Pass
		16 QAM	PRB#0	-20	-49.65	-29.2	-20.45	Pass
				20	-51.57	-29.2	-22.37	Pass
			PRB#Max	-20	-52.95	-29.2	-23.75	Pass
				20	-50.08	-29.2	-20.88	Pass
19575	1747.5	QPSK	PRB#0	-20	-49.02	-29.2	-19.82	Pass
				20	-52.46	-29.2	-23.26	Pass
			PRB#Max	-20	-52.78	-29.2	-23.58	Pass
				20	-49.78	-29.2	-20.58	Pass
			FRB	-20	-44.95	-29.2	-15.75	Pass
				20	-46.63	-29.2	-17.43	Pass
		16 QAM	PRB#0	-20	-48.83	-29.2	-19.63	Pass
				20	-52.35	-29.2	-23.15	Pass
			PRB#Max	-20	-52.89	-29.2	-23.69	Pass
				20	-50.01	-29.2	-20.81	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
19850	1775	QPSK	PRB#0	-20	-48.81	-29.2	-19.61	Pass
				20	-55.68	-29.2	-26.48	Pass
			PRB#Max	-20	-50.71	-29.2	-21.51	Pass
				20	-49.9	-29.2	-20.7	Pass
			FRB	-20	-39.56	-29.2	-10.36	Pass
				20	-44.13	-29.2	-14.93	Pass
		16 QAM	PRB#0	-20	-48.74	-29.2	-19.54	Pass
				20	-53.72	-29.2	-24.52	Pass
			PRB#Max	-20	-51.78	-29.2	-22.58	Pass
				20	-49.82	-29.2	-20.62	Pass

LTE Band 7

工作頻寬 (MHz)	5			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功率測試值 (dB)	相鄰頻道洩漏功率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
20775	2502.5	QPSK	PRB#0	-5	-37.41	-29.2	-8.21	Pass
				5	-50.19	-29.2	-20.99	Pass
			PRB#Max	-5	-56.04	-29.2	-26.84	Pass
				5	-36.65	-29.2	-7.45	Pass
			FRB	-5	-37.19	-29.2	-7.99	Pass
				5	-36.41	-29.2	-7.21	Pass
		16 QAM	PRB#0	-5	-38.46	-29.2	-9.26	Pass
				5	-50.89	-29.2	-21.69	Pass
			PRB#Max	-5	-56.91	-29.2	-27.71	Pass
				5	-37.53	-29.2	-8.33	Pass
			FRB	-5	-39.07	-29.2	-9.87	Pass
				5	-37.75	-29.2	-8.55	Pass
21100	2535	QPSK	PRB#0	-5	-43.79	-29.2	-14.59	Pass
				5	-50.51	-29.2	-21.31	Pass
			PRB#Max	-5	-55.53	-29.2	-26.33	Pass
				5	-40.39	-29.2	-11.19	Pass
			FRB	-5	-44.68	-29.2	-15.48	Pass
				5	-41.68	-29.2	-12.48	Pass
		16 QAM	PRB#0	-5	-44.08	-29.2	-14.88	Pass
				5	-50.83	-29.2	-21.63	Pass
			PRB#Max	-5	-58.73	-29.2	-29.53	Pass
				5	-40.97	-29.2	-11.77	Pass
			FRB	-5	-46.35	-29.2	-17.15	Pass
				5	-43.85	-29.2	-14.65	Pass

工作頻寬	5			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
21425	2567.5	QPSK	PRB#0	-5	-38.44	-29.2	-9.24	Pass
				5	-49.7	-29.2	-20.5	Pass
			PRB#Max	-5	-52.08	-29.2	-22.88	Pass
				5	-36.53	-29.2	-7.33	Pass
			FRB	-5	-38.4	-29.2	-9.2	Pass
				5	-37.97	-29.2	-8.77	Pass
		16 QAM	PRB#0	-5	-40.97	-29.2	-11.77	Pass
				5	-51.04	-29.2	-21.84	Pass
			PRB#Max	-5	-53.89	-29.2	-24.69	Pass
				5	-38.5	-29.2	-9.3	Pass
			FRB	-5	-40.74	-29.2	-11.54	Pass
				5	-39.84	-29.2	-10.64	Pass

工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
20800	2505	QPSK	PRB#0	-10	-38.84	-29.2	-9.64	Pass
				10	-57.74	-29.2	-28.54	Pass
			PRB#Max	-10	-53.34	-29.2	-24.14	Pass
				10	-40.34	-29.2	-11.14	Pass
			FRB	-10	-37.49	-29.2	-8.29	Pass
				10	-37.54	-29.2	-8.34	Pass
		16 QAM	PRB#0	-10	-40.45	-29.2	-11.25	Pass
				10	-59.19	-29.2	-29.99	Pass
			PRB#Max	-10	-55.26	-29.2	-26.06	Pass
				10	-42.02	-29.2	-12.82	Pass
21100	2535	QPSK	PRB#0	-10	-47.06	-29.2	-17.86	Pass
				10	-53.58	-29.2	-24.38	Pass
			PRB#Max	-10	-54.77	-29.2	-25.57	Pass
				10	-40.76	-29.2	-11.56	Pass
			FRB	-10	-45.05	-29.2	-15.85	Pass
				10	-41.71	-29.2	-12.51	Pass
		16 QAM	PRB#0	-10	-48.55	-29.2	-19.35	Pass
				10	-55.86	-29.2	-26.66	Pass
			PRB#Max	-10	-52.53	-29.2	-23.33	Pass
				10	-43.04	-29.2	-13.84	Pass

工作頻寬 (MHz)	10			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功 率測試值 (dB)	相鄰頻道洩漏功 率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
21400	2567.5	QPSK	PRB#0	-10	-42.58	-29.2	-13.38	Pass
				10	-52.68	-29.2	-23.48	Pass
			PRB#Max	-10	-49.86	-29.2	-20.66	Pass
				10	-38.42	-29.2	-9.22	Pass
			FRB	-10	-39.57	-29.2	-10.37	Pass
				10	-39.05	-29.2	-9.85	Pass
		16 QAM	PRB#0	-10	-45.11	-29.2	-15.91	Pass
				10	-53.8	-29.2	-24.6	Pass
			PRB#Max	-10	-50.56	-29.2	-21.36	Pass
				10	-41.04	-29.2	-11.84	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
20850	2510	QPSK	PRB#0	-20	-42.41	-29.2	-13.21	Pass
				20	-53.07	-29.2	-23.87	Pass
			PRB#Max	-20	-54.98	-29.2	-25.78	Pass
				20	-48.03	-29.2	-18.83	Pass
			FRB	-20	-40.13	-29.2	-10.93	Pass
				20	-40.15	-29.2	-10.95	Pass
		16 QAM	PRB#0	-20	-42.81	-29.2	-13.61	Pass
				20	-53.35	-29.2	-24.15	Pass
			PRB#Max	-20	-57	-29.2	-27.8	Pass
				20	-50.23	-29.2	-21.03	Pass
21100	2535	QPSK	PRB#0	-20	-50.29	-29.2	-21.09	Pass
				20	-48.94	-29.2	-19.74	Pass
			PRB#Max	-20	-60.07	-29.2	-30.87	Pass
				20	-43.3	-29.2	-14.1	Pass
			FRB	-20	-45.78	-29.2	-16.58	Pass
				20	-41.2	-29.2	-12	Pass
		16 QAM	PRB#0	-20	-52.13	-29.2	-22.93	Pass
				20	-50.16	-29.2	-20.96	Pass
			PRB#Max	-20	-59.32	-29.2	-30.12	Pass
				20	-44.44	-29.2	-15.24	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
21350	2560	QPSK	PRB#0	-20	-43.72	-29.2	-14.52	Pass
				20	-52.97	-29.2	-23.77	Pass
			PRB#Max	-20	-51.06	-29.2	-21.86	Pass
				20	-42.72	-29.2	-13.52	Pass
			FRB	-20	-39.42	-29.2	-10.22	Pass
				20	-41.89	-29.2	-12.69	Pass
		16 QAM	PRB#0	-20	-44.57	-29.2	-15.37	Pass
				20	-53.66	-29.2	-24.46	Pass
			PRB#Max	-20	-51.97	-29.2	-22.77	Pass
				20	-44.37	-29.2	-15.17	Pass

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工作頻寬 (MHz)	3			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHZ)	相鄰頻道洩漏功率測試值 (dB)	相鄰頻道洩漏功率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
27225	704.5	QPSK	PRB#0	-3	-41.64	-29.2	-12.44	Pass
				3	-54.64	-29.2	-25.44	Pass
			PRB#Max	-3	-54.35	-29.2	-25.15	Pass
				3	-42.78	-29.2	-13.58	Pass
			FRB	-3	-45.7	-29.2	-16.5	Pass
				3	-43.85	-29.2	-14.65	Pass
		16 QAM	PRB#0	-3	-43.43	-29.2	-14.23	Pass
				3	-55.27	-29.2	-26.07	Pass
			PRB#Max	-3	-54.4	-29.2	-25.2	Pass
				3	-44.29	-29.2	-15.09	Pass
			FRB	-3	-45.58	-29.2	-16.38	Pass
				3	-44.29	-29.2	-15.09	Pass
27435	725	QPSK	PRB#0	-3	-43.73	-29.2	-14.53	Pass
				3	-54.11	-29.2	-24.91	Pass
			PRB#Max	-3	-53.36	-29.2	-24.16	Pass
				3	-44.19	-29.2	-14.99	Pass
			FRB	-3	-42.38	-29.2	-13.18	Pass
				3	-42.31	-29.2	-13.11	Pass
		16 QAM	PRB#0	-3	-43.52	-29.2	-14.32	Pass
				3	-54.59	-29.2	-25.39	Pass
			PRB#Max	-3	-53.5	-29.2	-24.3	Pass
				3	-43.73	-29.2	-14.53	Pass
			FRB	-3	-43.05	-29.2	-13.85	Pass
				3	-42.89	-29.2	-13.69	Pass

工作頻寬	3			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
27645	746.5	QPSK	PRB#0	-3	-41.53	-29.2	-12.33	Pass
				3	-52.46	-29.2	-23.26	Pass
			PRB#Max	-3	-55.06	-29.2	-25.86	Pass
				3	-39.39	-29.2	-10.19	Pass
			FRB	-3	-41.19	-29.2	-11.99	Pass
				3	-40.89	-29.2	-11.69	Pass
		16 QAM	PRB#0	-3	-41.66	-29.2	-12.46	Pass
				3	-53.19	-29.2	-23.99	Pass
			PRB#Max	-3	-54.9	-29.2	-25.7	Pass
				3	-40.89	-29.2	-11.69	Pass
			FRB	-3	-40.78	-29.2	-11.58	Pass
				3	-40.94	-29.2	-11.74	Pass

工作頻寬	5			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27235	705.5	QPSK	PRB#0	-5	-42.11	-29.2	-12.91	Pass
				5	-53.56	-29.2	-24.36	Pass
			PRB#Max	-5	-54.16	-29.2	-24.96	Pass
				5	-43.1	-29.2	-13.9	Pass
			FRB	-5	-48.47	-29.2	-19.27	Pass
				5	-44.39	-29.2	-15.19	Pass
		16 QAM	PRB#0	-5	-42.88	-29.2	-13.68	Pass
				5	-53.6	-29.2	-24.4	Pass
			PRB#Max	-5	-54.14	-29.2	-24.94	Pass
				5	-43.62	-29.2	-14.42	Pass
			FRB	-5	-47.51	-29.2	-18.31	Pass
				5	-43.86	-29.2	-14.66	Pass
27435	725	QPSK	PRB#0	-5	-43.36	-29.2	-14.16	Pass
				5	-52.72	-29.2	-23.52	Pass
			PRB#Max	-5	-52.78	-29.2	-23.58	Pass
				5	-43.61	-29.2	-14.41	Pass
			FRB	-5	-42.99	-29.2	-13.79	Pass
				5	-42.74	-29.2	-13.54	Pass
		16 QAM	PRB#0	-5	-42.86	-29.2	-13.66	Pass
				5	-52.97	-29.2	-23.77	Pass
			PRB#Max	-5	-52.99	-29.2	-23.79	Pass
				5	-43.28	-29.2	-14.08	Pass
			FRB	-5	-43.39	-29.2	-14.19	Pass
				5	-43.26	-29.2	-14.06	Pass

工作頻寬	5			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27635	745.5	QPSK	PRB#0	-5	-42.12	-29.2	-12.92	Pass
				5	-52.54	-29.2	-23.34	Pass
			PRB#Max	-5	-53.16	-29.2	-23.96	Pass
				5	-40.47	-29.2	-11.27	Pass
			FRB	-5	-41.2	-29.2	-12	Pass
				5	-41.91	-29.2	-12.71	Pass
		16 QAM	PRB#0	-5	-42.09	-29.2	-12.89	Pass
				5	-53.1	-29.2	-23.9	Pass
			PRB#Max	-5	-53.35	-29.2	-24.15	Pass
				5	-41.02	-29.2	-11.82	Pass
			FRB	-5	-41.68	-29.2	-12.48	Pass
				5	-42.64	-29.2	-13.44	Pass

工作頻寬 (MHz)	10			相鄰頻道洩漏功率 (ACLR)				
頻道 (Channel)	頻率 (MHz)	調變	RB	相鄰頻道偏移 (MHz)	相鄰頻道洩漏功率測試值 (dB)	相鄰頻道洩漏功率限制值 (dB)	Margin 值 (dB)	測試結果 (Pass/Fail)
27260	708	QPSK	PRB#0	-10	-44.58	-29.2	-15.38	Pass
				10	-54.64	-29.2	-25.44	Pass
			PRB#Max	-10	-58.19	-29.2	-28.99	Pass
				10	-44.78	-29.2	-15.58	Pass
			FRB	-10	-49.56	-29.2	-20.36	Pass
				10	-44.15	-29.2	-14.95	Pass
		16 QAM	PRB#0	-10	-46.21	-29.2	-17.01	Pass
				10	-53.95	-29.2	-24.75	Pass
			PRB#Max	-10	-57.3	-29.2	-28.1	Pass
				10	-45.19	-29.2	-15.99	Pass
27435	725	QPSK	PRB#0	-10	-43.67	-29.2	-14.47	Pass
				10	-54.57	-29.2	-25.37	Pass
			PRB#Max	-10	-57.44	-29.2	-28.24	Pass
				10	-43.76	-29.2	-14.56	Pass
			FRB	-10	-43.22	-29.2	-14.02	Pass
				10	-41.99	-29.2	-12.79	Pass
		16 QAM	PRB#0	-10	-43.75	-29.2	-14.55	Pass
				10	-53.94	-29.2	-24.74	Pass
			PRB#Max	-10	-56.78	-29.2	-27.58	Pass
				10	-43.49	-29.2	-14.29	Pass

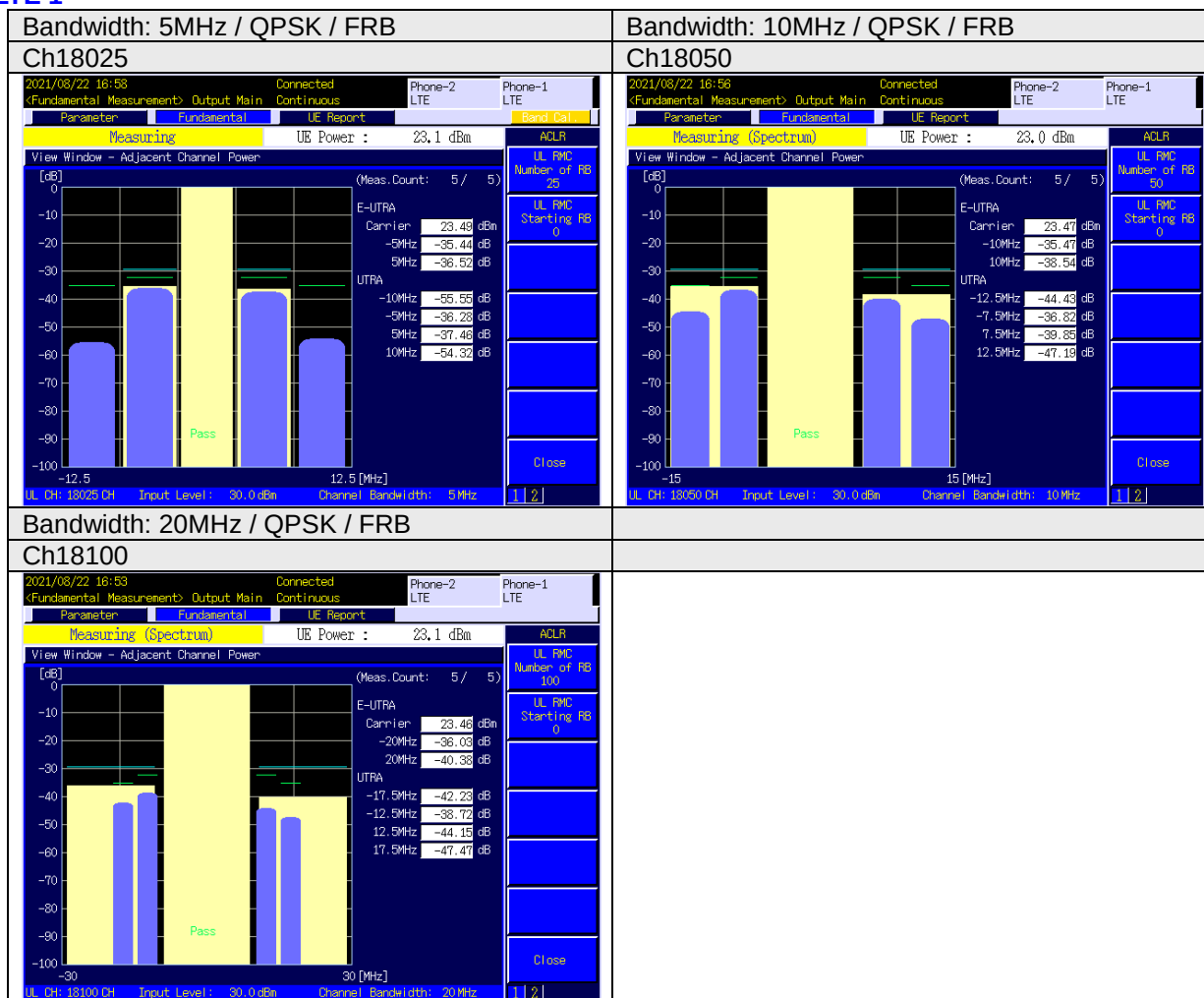
工作頻寬	10			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
27610	743	QPSK	PRB#0	-10	-42.97	-29.2	-13.77	Pass
				10	-56.3	-29.2	-27.1	Pass
			PRB#Max	-10	-56.2	-29.2	-27	Pass
				10	-42.26	-29.2	-13.06	Pass
			FRB	-10	-41.4	-29.2	-12.2	Pass
				10	-43.74	-29.2	-14.54	Pass
		16 QAM	PRB#0	-10	-42.85	-29.2	-13.65	Pass
				10	-55.66	-29.2	-26.46	Pass
			PRB#Max	-10	-55.51	-29.2	-26.31	Pass
				10	-43.24	-29.2	-14.04	Pass

工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHZ)	(dB)	(dB)	(dB)	(Pass/Fail)
27310	713	QPSK	PRB#0	-20	-47.31	-29.2	-18.11	Pass
				20	-53.58	-29.2	-24.38	Pass
			PRB#Max	-20	-55.77	-29.2	-26.57	Pass
				20	-45.38	-29.2	-16.18	Pass
			FRB	-20	-46.38	-29.2	-17.18	Pass
				20	-43.61	-29.2	-14.41	Pass
		16 QAM	PRB#0	-20	-47.73	-29.2	-18.53	Pass
				20	-52.93	-29.2	-23.73	Pass
			PRB#Max	-20	-55.01	-29.2	-25.81	Pass
				20	-45.37	-29.2	-16.17	Pass
27435	725	QPSK	PRB#0	-20	-45.59	-29.2	-16.39	Pass
				20	-55	-29.2	-25.8	Pass
			PRB#Max	-20	-53.35	-29.2	-24.15	Pass
				20	-43.7	-29.2	-14.5	Pass
			FRB	-20	-38.03	-29.2	-8.83	Pass
				20	-48.01	-29.2	-18.81	Pass
		16 QAM	PRB#0	-20	-45.6	-29.2	-16.4	Pass
				20	-54.1	-29.2	-24.9	Pass
			PRB#Max	-20	-52.88	-29.2	-23.68	Pass
				20	-44.92	-29.2	-15.72	Pass

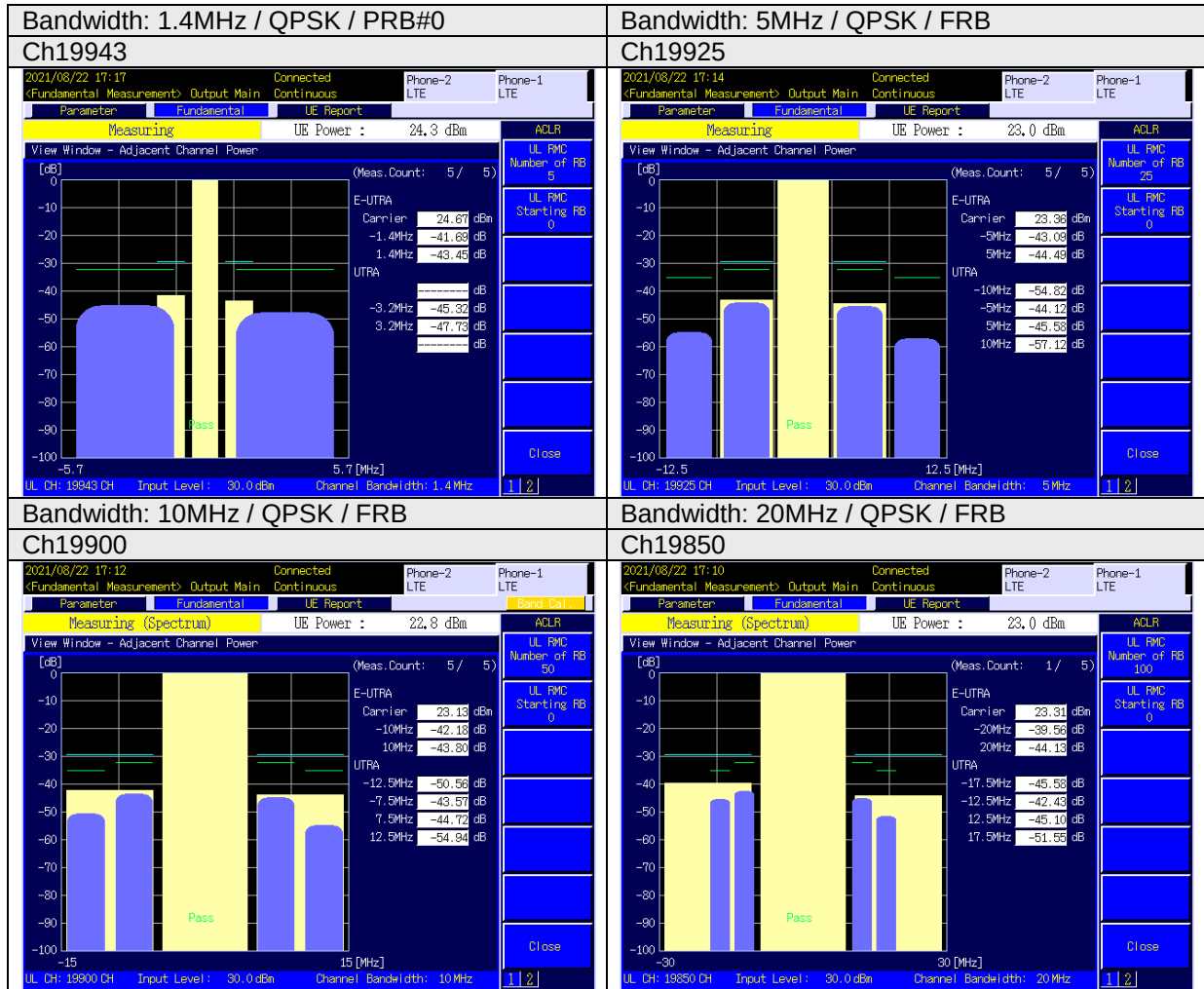
工作頻寬	20			相鄰頻道洩漏功率 (ACLR)				
(MHz)								
頻道	頻率	調變	RB	相鄰頻道偏移	相鄰頻道洩漏功率測試值	相鄰頻道洩漏功率限制值	Margin 值	測試結果
(Channel)	(MHz)			(MHz)	(dB)	(dB)	(dB)	(Pass/Fail)
27560	738	QPSK	PRB#0	-20	-44.08	-29.2	-14.88	Pass
				20	-54.95	-29.2	-25.75	Pass
			PRB#Max	-20	-54.05	-29.2	-24.85	Pass
				20	-44.75	-29.2	-15.55	Pass
			FRB	-20	-38.06	-29.2	-8.86	Pass
				20	-43.69	-29.2	-14.49	Pass
		16 QAM	PRB#0	-20	-44.03	-29.2	-14.83	Pass
				20	-53.98	-29.2	-24.78	Pass
			PRB#Max	-20	-53.48	-29.2	-24.28	Pass
				20	-44.69	-29.2	-15.49	Pass

**此測試圖僅放測試結果最差的頻道。

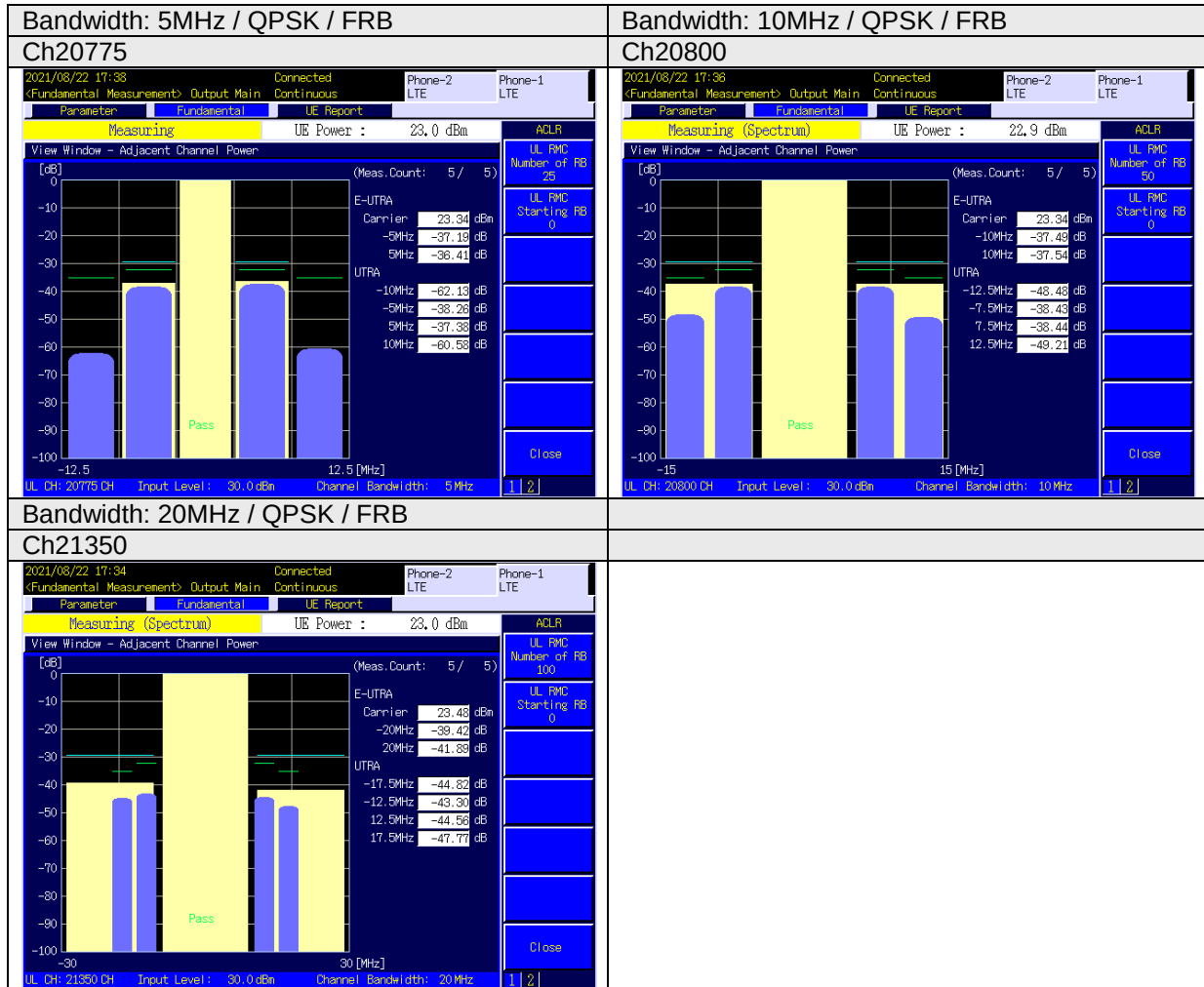
LTE 1



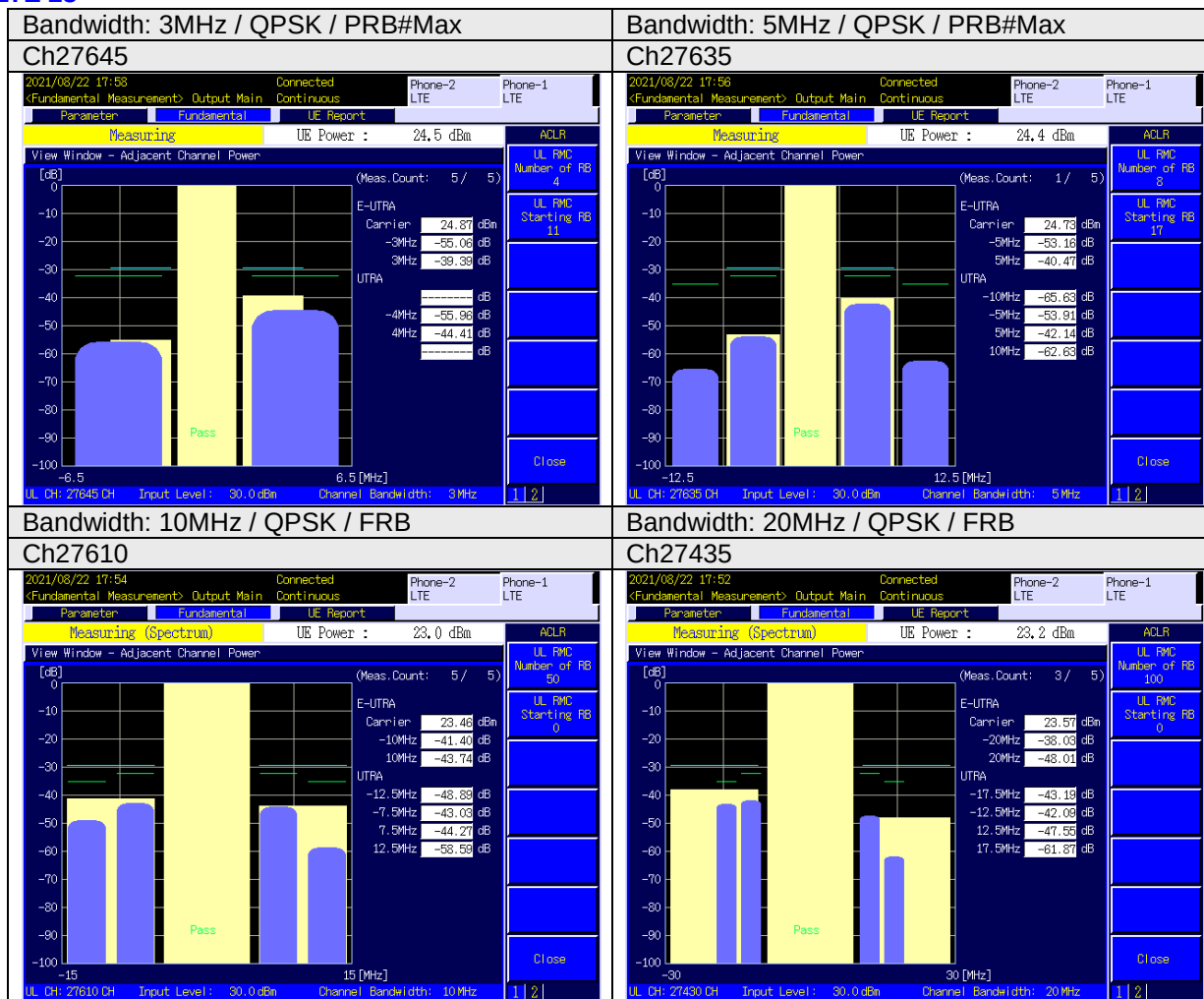
LTE 3



LTE 7



LTE 28



7. 頻率穩定度

7.1 適用標準

終端設備於常態環境常態電壓、低極端溫度低極端電壓、低極端溫度高極端電壓、高極端溫度低極端電壓、高極端溫度高極端電壓等五種測試環境下，分別進行頻率量測，經0/2/5/10 分鐘量測結果，頻率應維持在頻道之主波頻率 $\pm 0.1\text{ppm}$ 以內。

7.2 量測方法

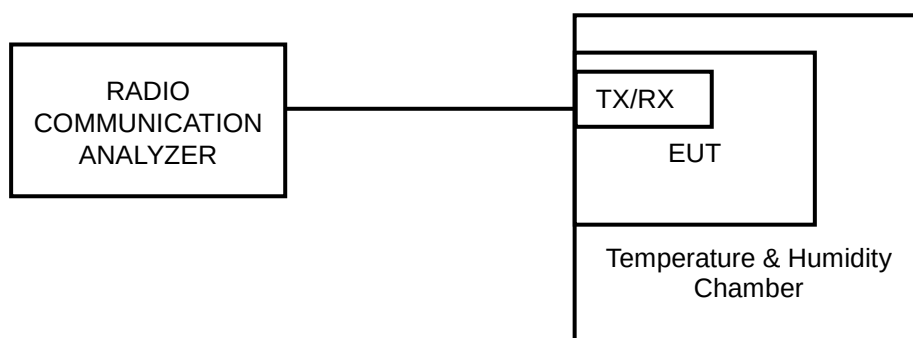
- (1) 將未供電之受測物置於環境溫櫃中，供應受測物標稱之交流電源或使用全新或充電完全之電池。若可行，則將天線連接至受測物之天線輸出接頭。
- (2) 關閉受測物且置之於環境溫櫃中，設定至適用規範指定之最高溫度。對正常持續操作之裝置，當置於溫櫃中時可使受測物運作。
- (3) 使溫櫃之溫度有足夠時間達到穩定，當溫櫃內維持在一定溫度時，啟動受測物，並於開始時、以及啟動後第2分鐘、第5分鐘與第10分鐘測量受測物之操作頻率，共作四次測量。在進行此測量之前須確定使溫櫃到達穩定。

7.3 量測儀器

Description & Band/Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Radio Communication Analyzer extended TDD fuction Anritsu	MT8820C	6201127458	2021/3/19	2022/3/18
DC POWER SUPPLY Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2021/1/14	2022/1/13
True RMS Clamp Meter Fluke	325	31130711WS	2021/6/2	2022/6/1

NOTE: 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	測試者	彭瀚淳
量測場地溫度	24°C	量測場地濕度	64%RH

LTE Band 1

Frequency Stability Versus Temp (QPSK Full RB)							
Test Frequency :	1950	MHz	Limit:	± ppm	0.1	PASS / FAIL	PASS
Temperature (°C)	Power Supply (Vac)	Frequency over time of reading tolerance					
		0 minutes	2 minutes	5 minutes	10 minutes		
		Drift (ppm)	Drift (ppm)	Drift (ppm)	Drift (ppm)		
25	110.00	-0.031	-0.043	-0.031	-0.038		
-10	121.00	-0.041	-0.029	-0.038	-0.042		
	99.00	-0.045	-0.059	-0.050	-0.049		
70	121.00	-0.044	-0.044	-0.037	-0.052		
	99.00	0.015	0.030	0.036	0.045		
Max reading tolerance (ppm) :				0.045			
Min reading tolerance (ppm) :				-0.059			
Shutdown Voltage (V) :				80			

備註:

1. 製造商聲明待測物 AC 輸入端標稱電壓為 110Vac，低極限操作電壓為 99Vac，高極限操作電壓為 121Vac，故頻率穩定度檢測值如上表所示，而經測試，99Vac~80Vac 能正常連線。
2. 製造商聲明待測物關機電壓為 80Vac，經測試後，確認待測試電壓低於 80Vac 後即自動關機。

LTE Band 3

Frequency Stability Versus Temp (QPSK Full RB)								
Test Frequency :	1747.5		MHz	Limit:	± ppm	0.1	PASS / FAIL	PASS
Temperature (°C)	Power Supply (Vac)	Frequency over time of reading tolerance						
		0 minutes		2 minutes		5 minutes		10 minutes
		Drift (ppm)		Drift (ppm)		Drift (ppm)		Drift (ppm)
25	110.00	-0.023		-0.037		-0.022		-0.011
-10	121.00	-0.013		-0.019		-0.011		-0.021
	99.00	0.015		0.023		0.029		0.041
70	121.00	0.047		0.040		0.045		0.051
	99.00	0.038		0.025		0.039		0.040
Max reading tolerance (ppm) :					0.051			
Min reading tolerance (ppm) :					-0.037			
Shutdown Voltage (V) :					80			

備註:

1. 製造商聲明待測物 AC 輸入端標稱電壓為 110Vac，低極限操作電壓為 99Vac，高極限操作電壓為 121Vac，故頻率穩定度檢測值如上表所示，而經測試，99Vac~80Vac 能正常連線。
2. 製造商聲明待測物關機電壓為 80Vac，經測試後，確認待測試電壓低於 80Vac 後即自動關機。

LTE Band 7

Frequency Stability Versus Temp (QPSK Full RB)								
Test Frequency :	2535		MHz	Limit:	± ppm	0.1	PASS / FAIL	PASS
Temperature (°C)	Power Supply (Vac)	Frequency over time of reading tolerance						
		0 minutes		2 minutes		5 minutes		10 minutes
		Drift (ppm)		Drift (ppm)		Drift (ppm)		Drift (ppm)
25	110.00	-0.013		-0.006		-0.018		-0.019
-10	121.00	-0.013		-0.023		-0.015		-0.001
	99.00	0.046		0.059		0.045		0.052
70	121.00	0.010		0.017		0.012		0.014
	99.00	0.006		0.017		0.030		0.045
Max reading tolerance (ppm) :					0.059			
Min reading tolerance (ppm) :					-0.023			
Shutdown Voltage (V) :					80			

備註:

1. 製造商聲明待測物 AC 輸入端標稱電壓為 110Vac，低極限操作電壓為 99Vac，高極限操作電壓為 121Vac，故頻率穩定度檢測值如上表所示，而經測試，99Vac~80Vac 能正常連線。
2. 製造商聲明待測物關機電壓為 80Vac，經測試後，確認待測試電壓低於 80Vac 後即自動關機。

LTE Band 28

Frequency Stability Versus Temp (QPSK Full RB)								
Test Frequency :	725.5		MHz	Limit:	± ppm	0.1	PASS / FAIL	PASS
Temperature (°C)	Power Supply (Vac)	Frequency over time of reading tolerance						
		0 minutes		2 minutes		5 minutes		10 minutes
		Drift (ppm)		Drift (ppm)		Drift (ppm)		Drift (ppm)
25	110.00	0.004		0.015		0.018		0.024
-10	121.00	-0.032		-0.026		-0.014		-0.005
	99.00	-0.036		-0.048		-0.047		-0.034
70	121.00	-0.009		-0.016		-0.009		0.004
	99.00	-0.023		-0.021		-0.007		0.000
Max reading tolerance (ppm) :					0.024			
Min reading tolerance (ppm) :					-0.048			
Shutdown Voltage (V) :					80			

備註:

1. 製造商聲明待測物 AC 輸入端標稱電壓為 110Vac，故頻率穩定度檢測值如上表所示，低極限操作電壓為 99Vac，高極限操作電壓為 121Vac，而經測試，99Vac~80Vac 能正常連線。
2. 製造商聲明待測物關機電壓為 80Vac，經測試後，確認待測試電壓低於 80Vac 後即自動關機。

8. 電波功率密度

8.1 適用標準

1. 本項測試適用於移動式行動臺設備。
 2. 電波功率密度最大值：
 - (a) 700 MHz 頻段為 0.35 mW/cm²。
 - (b) 900 MHz 頻段為 0.45 mW/cm²。
 - (c) 1800 MHz 頻段為 0.9 mW/cm²。
 - (d) 2100 MHz、2500 MHz 與 2600 MHz 頻段為 1.0 mW/cm²。
- 量測距離為 20 公分，或以設備廠商宣告設備天線與附近人體可活動範圍之距離。

8.2 評估方法

1. 以 3.5 節所測得的最大傳導輸出功率值再加上待測物天線的增益值(Maximum Gain)帶入下面公式換算出待測物所輻射的功率密度。
2. $P_d = (P_{out} * G) / (4 * \pi * r^2)$
 where
 Pd = power density in mW/cm²
 Pout = output power to antenna in mW
 G = gain of antenna in linear scale
 pi = 3.1416
 r = distance between observation point and center of the radiator in cm

8.3 評估結果

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Pass / Fail
2100 MHz 頻段 (WCDMA Band 1)	22.74	3.6	20	0.085650347	1	Pass
700 MHz 頻段 (LTE Band 28)	24.49	0.36	20	0.060775582	0.35	Pass
1800 MHz 頻段 (LTE Band 3)	24.57	3.6	20	0.130535648	0.9	Pass
2100 MHz 頻段 (LTE Band 1)	24.56	3.6	20	0.130235424	1	Pass
2600 MHz 頻段 (LTE Band 7)	24.54	3.6	20	0.129637047	1	Pass

9. 待測物照片

請參照 BV CPS 報告編號: BDUM-WTW-P21040646_PLMN 10_Tsup

10. 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

您也可以在我們的網站內找到各實驗室的地圖。

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