



晶復科技股份有限公司

A Test Lab Techno Corp.

行動通信電信終端設備技術規範(LTE)試驗報告

報告編號 2107DR31
版本(Rev.) 01
產品名稱 無線電對講機
申請廠商 至鴻科技股份有限公司
廠牌 ICOM
型式 (號) IP730D
產品試驗依據之標準 行動通信電信終端設備技術規範 109 年 9 月 25 日
報告發行日期 110 年 09 月 08 日

填發本型式認可報告之試驗機構 (認可代號)

晶復科技股份有限公司
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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

認可能量範圍 : LTE 700 MHz 頻段/ 900 MHz 頻段/ 1800 MHz 頻段/ 2100 MHz 頻段/
2500 MHz 頻段/ 2600 MHz 頻段(頻率範圍:9 kHz to 40 GHz)

免責聲明

- 1.本測試報告所敘述之測試結果，僅對顧客所提供之測試樣品，在此測試報告所述及之測試條件下，所實施之量測有效。
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報告修訂紀錄

版本 (Rev.)	發行日期	修訂內容	修訂者
00	110 年 08 月 24 日	初版發行	王裕霜
01	110 年 09 月 08 日	更新 1.1 章節 (P.5)	王裕霜

行動通信電信終端設備技術規範(LTE)測試證明書

產品名稱：無線電對講機

廠牌：ICOM

型號：IP730D

申請廠商：至鴻科技股份有限公司

申請者地址：新北市中和區建一路166號7樓之1

製造廠商：Icom Inc.

製造商地址：1-1-32, Kamiminami, Hirano-ku, Osaka, 547-0003, Japan

待測物電壓：DC12 V, 1.0 A (Adapter Power Supply輸入)
DC 7.2 V (specified Icom's battery pack/Negative ground)

量測規範：行動通信電信終端設備技術規範 109年9月25日

試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)

樣品接受日期：110 年 06 月 15 日

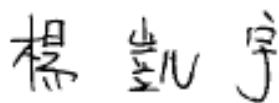
試驗日期：110 年 07 月 07 日 ~ 110 年 07 月 08 日

報告中所描述之測試結果與待測設備之架構組合，均根據實際量測情況作詳實的記錄。

由測試結果顯示，上述待測設備樣機確實已符合行動通信電信終端設備技術規範(LTE)所規定的各項限制值。

特此證明！

審核者：



(楊 凱 宇)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	無線電對講機
廠 牌	ICOM
型 號	IP730D
額 定 電 源	DC 12 V, 1.0 A (Adapter Power Supply 輸入) DC 7.2 V (specified Icom' s battery pack/Negative ground)
I M E I N o .	863921033268833
使 用 頻 帶	LTE Band 1 FDD: UL: 1920 – 1980 MHz / DL: 2110 – 2170 MHz LTE Band 3 FDD: UL: 1710 – 1785 MHz / DL: 1805 – 1880 MHz LTE Band 7 FDD: UL: 2500 – 2570 MHz / DL: 2620 – 2690 MHz LTE Band 8 FDD: UL: 885 – 915 MHz / DL: 930 – 960 MHz
使 用 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 8: 1.4 MHz / 3 MHz / 5 MHz / 10 MHz
天 線 廠 牌	Unictron
天 線 型 號	CC35D8
天 線 型 態	Ceramic Chip Antenna
天 線 增 益 值	LTE Band 1: 2.6 dBi LTE Band 3: 2.6 dBi LTE Band 7: 2.7 dBi LTE Band 8: 1 dBi
最 大 輸 出 功 率	LTE Band 1: 22.20 dBm
	LTE Band 3: 22.68 dBm
	LTE Band 7: 22.17 dBm
	LTE Band 8: 22.49 dBm

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	DC Power Port	1	連接至 Rapid Charger
2	Antenna Port	1	連接至 VHF Antenna (*本產品不支援 VHF 功能)
3	SIM Card Port (1)	1	連接至 SIM Card
4	SIM Card Port (2)	1	此 Port 在台灣無功能，以軟體方式關閉。

附屬裝置表:

裝置名稱	廠牌	型號	備註
電池	ICOM	BP-303	7.2 VDC, 3200 mAh
Rapid Charger	ICOM	BC-226	INPUT : DC 12 V - 16 V OUTPUT : DC 8.4 V, 0.94 A *台灣販售搭配 Adapter Power Supply 輸出額定電源 : DC 12 V, 1.0 A。
Adapter Power Supply	ICOM	MU12AR120100-A1 (官網銷售型號 : BC-123SA)	INPUT : 100-240 VAC, 50/60 Hz, 0.3 A OUTPUT : 12 VDC, 1.0 A Cable out : Non-Shielded, 1.8 m with one core

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

☒	申請新的型式檢驗認可的測試。
☐	已取得型式檢驗認可之商品,因設計變更而重新測試 (變更內容請參考產品概述)。 登錄號碼: XXXXXXXX

2. 量測儀器及測試配置說明

2.1 量測設備

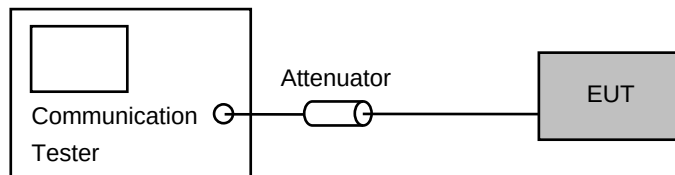
Test Period: Jul. 07 ~ Jul. 08, 2021

測試者: 歐陽良相, 吳展寬

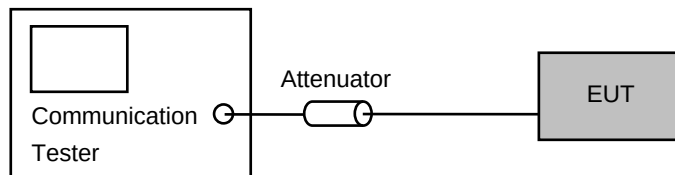
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	03/30/2021	1 year
Divider	Warison	WDIV-2I0.5-26.5S20	WR222AM2B2	11/02/2020	1 year
Power Supply	KEITHLEY	2303	4045290	02/01/2021	1 year
SPECTRUM ANALYZER	Agilent	E4445A	MY45300744	12/02/2020	1 year
Radio Communication Analyzer	Anritsu	MT8820C	6201342039	12/03/2020	1 year

2.2 測試架構圖

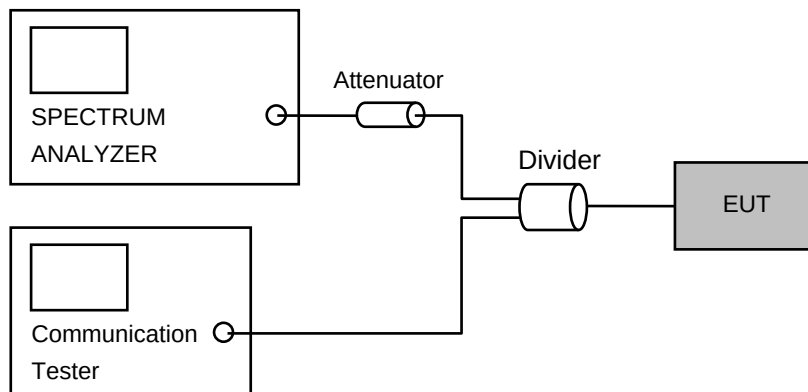
■ 輸出功率



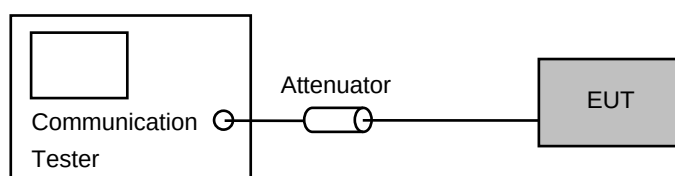
■ 發射頻譜波罩



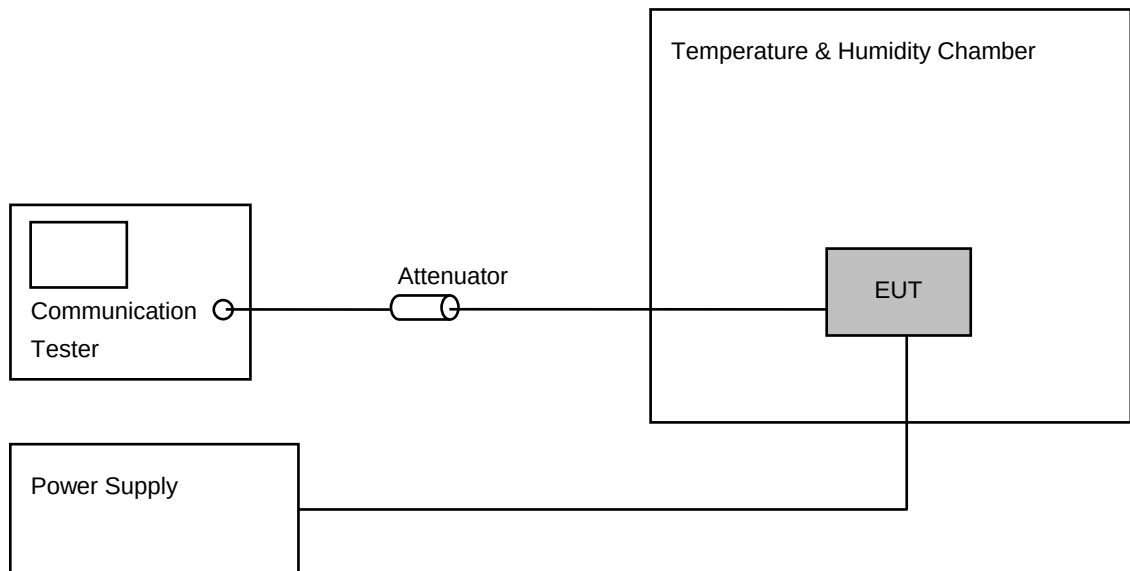
■ 傳導帶外輻射發射



■ 相鄰頻道洩漏功率比



■ 頻率穩定性



2.3 量測不確定度

下列量測不確定水準是參照量測儀器 CISPR 16-4-2 所規定之不確定度。

Test Item	Uncertainty (dB)
傳導輸出功率 (傳導)	1.1 dB
發射頻譜波罩 (傳導)	1.1 dB
傳導帶外輻射發射(傳導)	2.5 dB
ACLR (傳導)	1.1 dB
頻率穩定度 (頻率)	$1.2 \times 10^{-7} * F_c \text{ (Hz)}$

2.4 試驗環境

產品測試時之實驗室環境條件如下：

項 目	實 際	常態環境要求
溫度 Temperature (°C)	18 - 28	15 - 35
濕度 Humidity (%RH)	45 - 75	25 - 75

電池種類及電壓的計算
☐ AC mains V_{Nom} = 標稱電壓 V_{Low} = 標稱電壓 * 0.9 V_{High} = 標稱電壓 * 1.1 ☐ Regulated lead acid battery V_{Nom} = 標稱電壓 * 1.1 V_{Low} = 標稱電壓 * 0.9 V_{High} = 標稱電壓 * 1.3 Non regulated batteries : ☐ Leclanche V_{Nom} = 標稱電壓 V_{Low} = 標稱電壓 * 0.85 V_{High} = 標稱電壓 ☒ Lithium V_{Nom} = 標稱電壓 * 1.1 V_{Low} = 標稱電壓 * 0.95 V_{High} = 標稱電壓 * 1.1 ☐ Mercury/nickel & cadmium V_{Nom} = 標稱電壓 V_{Low} = 標稱電壓 * 0.9 V_{High} = 標稱電壓 * 1.1

測試條件			
工作電壓 DC(範圍)：	標稱電壓	7.2	V
	低極端電壓	6.84	V
	關機電壓	5.99	V
	常態電壓	7.92	V
	高極端電壓	7.92	V
測試溫度(範圍)：	低極端溫度	-10	(°C)
	常態溫度	20	(°C)
	高極端溫度	55	(°C)

3. 測試項目與結果判定總表

項次	檢驗項目	適用標準	試驗結果	結果判定
1	有效輻射功率	行動通信電信終端設備技術規範, 6.3.1.1.1節	請參閱第4節	符合
2	傳導輸出功率	行動通信電信終端設備技術規範, 6.3.1.1.2節	請參閱第4節	符合
3	發射頻譜波罩	行動通信電信終端設備技術規範, 6.3.2節	請參閱第4節	符合
4	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節	請參閱第4節	符合
5	ACLR	行動通信電信終端設備技術規範, 6.3.4節	請參閱第4節	符合
6	頻率穩定度	行動通信電信終端設備技術規範, 6.3.5節	請參閱第4節	符合
7	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節	N/A	不適用 (註)

註:此產品為特殊商業用途, 不會販售給一般消費者, 得不需評估災防告警細胞廣播訊息接收功能。

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

4. 檢驗紀錄

測試頻段對應之頻道及頻寬一覽表

Band	頻道	Bandwidth (MHz)	Frequency (MHz)	Modulation	# of Resource Blocks	Resource Block Offset	
LTE Band 3	低頻道	1.4	1710.7	QPSK	1	0	
					1	5	
					5	0	
					5	1	
	中頻道		1747.5		1	0	
					1	5	
					5	0	
					5	1	
	高頻道		1784.3		1	0	
					1	5	
					5	0	
					5	1	
	低頻道	5	1712.5	QPSK	1	0	
					1	24	
					8	0	
					8	17	
			中頻道		1747.5	1	0
						1	24
						8	0
						8	17
			高頻道		1782.5	1	0
						1	24
						8	0
						8	17
	低頻道	20	1720.0	QPSK	1	0	
					1	99	
					18	0	
					18	82	
			中頻道		1747.5	1	0
						1	99
						18	0
						18	82
			高頻道		1775.0	1	0
						1	99
						18	0
						18	82

Band	頻道	Bandwidth (MHz)	Frequency (MHz)	Modulation	# of Resource Blocks	Resource Block Offset	
LTE Band 8	低頻道	1.4	885.7	QPSK	1	0	
					1	5	
					5	0	
					5	1	
	中頻道		900.0		1	0	
					1	5	
					5	0	
					5	1	
	高頻道		914.3		1	0	
					1	5	
					5	0	
					5	1	
	低頻道	5	887.5	QPSK	1	0	
					1	24	
					8	0	
					8	17	
			中頻道		900.0	1	0
						1	24
						8	0
						8	17
			高頻道		912.5	1	0
						1	24
						8	0
						8	17
	低頻道	10	890.0	QPSK	1	0	
					1	49	
					12	0	
					12	38	
			中頻道		900.0	1	0
						1	49
						12	0
						12	38
			高頻道		910.0	1	0
						1	49
						12	0
						12	38

Band	頻道	Bandwidth (MHz)	Frequency (MHz)	Modulation	# of Resource Blocks	Resource Block Offset	
LTE Band 7	低頻道	5	2502.5	QPSK	1	0	
					1	24	
					8	0	
					8	17	
	中頻道		2535.0		1	0	
					1	24	
					8	0	
					8	17	
	高頻道		2567.5		1	0	
					1	24	
					8	0	
					8	17	
	低頻道	20	2510.0	QPSK	1	0	
					1	99	
					18	0	
					18	82	
			中頻道		2535.0	1	0
						1	99
						18	0
						18	82
			高頻道		2560.0	1	0
						1	99
						18	0
						18	82

Band	頻道	Bandwidth (MHz)	Frequency (MHz)	Modulation	# of Resource Blocks	Resource Block Offset	
LTE Band 1	低頻道	5	1922.5	QPSK	1	0	
					1	24	
					8	0	
					8	17	
	中頻道		1950.0		1	0	
					1	24	
					8	0	
					8	17	
	高頻道		1977.5		1	0	
					1	24	
					8	0	
					8	17	
	低頻道	20	1930.0	QPSK	1	0	
					1	99	
					18	0	
					18	82	
			中頻道		1950.0	1	0
						1	99
						18	0
						18	82
			高頻道		1970.0	1	0
						1	99
						18	0
						18	82

4.1 測試項目總表

項次	檢驗項目及標準值	工作頻段	工作頻寬	檢測頻道	檢驗結果	判定
1	有效輻射功率(ERP) ☒ 攜帶式終端設備限制為 1 W。 ☐ 移動式終端設備限制為 2 W。	LTE Band 3	1.4 MHz	低頻道	0.194 W	符合
				中頻道	0.186 W	
				高頻道	0.206 W	
			5 MHz	低頻道	0.200 W	
				中頻道	0.194 W	
				高頻道	0.203 W	
			20 MHz	低頻道	0.197 W	
				中頻道	0.203 W	
				高頻道	0.195 W	
		LTE Band 8	1.4 MHz	低頻道	0.118 W	符合
				中頻道	0.120 W	
				高頻道	0.135 W	
			5 MHz	低頻道	0.119 W	
				中頻道	0.121 W	
				高頻道	0.131 W	
			10 MHz	低頻道	0.120 W	
				中頻道	0.121 W	
				高頻道	0.136 W	
		LTE Band 7	5 MHz	低頻道	0.179 W	符合
				中頻道	0.167 W	
				高頻道	0.175 W	
			20 MHz	低頻道	0.187 W	
				中頻道	0.176 W	
				高頻道	0.170 W	
		LTE Band 1	5 MHz	低頻道	0.182 W	符合
				中頻道	0.178 W	
				高頻道	0.181 W	
			20 MHz	低頻道	0.183 W	
				中頻道	0.184 W	
				高頻道	0.179 W	

項次	檢 驗 項 目 及 標 準 值	判 定
2	傳導輸出功率 限制值: FDD: 23(dBm) +2.7/-3.2(dB)	符 合

LTE Band 3						
Channel	Frequency (MHz)	Bandwidth	Modulation	# of Resource Blocks	Resource Block Offset	Max. Average Power (dBm)
19207	1710.7	1.4 MHz	QPSK	1	0	22.35
19207	1710.7			1	5	22.36
19207	1710.7			5	0	22.42
19207	1710.7			5	1	22.41
19575	1747.5			1	0	22.16
19575	1747.5			1	5	22.11
19575	1747.5			5	0	22.24
19575	1747.5			5	1	22.25
19943	1784.3			1	0	22.45
19943	1784.3			1	5	22.40
19943	1784.3			5	0	22.68
19943	1784.3			5	1	22.65
19225	1712.5	5 MHz	QPSK	1	0	22.47
19225	1712.5			1	24	22.43
19225	1712.5			8	0	22.57
19225	1712.5			8	17	22.47
19575	1747.5			1	0	22.29
19575	1747.5			1	24	22.13
19575	1747.5			8	0	22.42
19575	1747.5			8	17	22.39
19925	1782.5			1	0	22.25
19925	1782.5			1	24	22.56
19925	1782.5			8	0	22.49
19925	1782.5			8	17	22.62
19300	1720.0	20 MHz	QPSK	1	0	22.39
19300	1720.0			1	99	22.38
19300	1720.0			18	0	22.39
19300	1720.0			18	82	22.50
19575	1747.5			1	0	22.46
19575	1747.5			1	99	22.11
19575	1747.5			18	0	22.63
19575	1747.5			18	82	22.26
19850	1775.0			1	0	22.24
19850	1775.0			1	99	22.44
19850	1775.0			18	0	22.42
19850	1775.0			18	82	22.33

LTE Band 8						
Channel	Frequency (MHz)	Bandwidth	Modulation	# of Resource Blocks	Resource Block Offset	Max. Average Power (dBm)
21507	885.7	1.4 MHz	QPSK	1	0	21.56
21507	885.7			1	5	21.82
21507	885.7			5	0	21.86
21507	885.7			5	1	21.84
21650	900.0			1	0	21.83
21650	900.0			1	5	21.95
21650	900.0			5	0	21.92
21650	900.0			5	1	21.95
21793	914.3			1	0	22.09
21793	914.3			1	5	21.97
21793	914.3			5	0	22.45
21793	914.3			5	1	22.32
21525	887.5	5 MHz	QPSK	1	0	21.79
21525	887.5			1	24	21.60
21525	887.5			8	0	21.92
21525	887.5			8	17	21.69
21650	900.0			1	0	21.86
21650	900.0			1	24	21.79
21650	900.0			8	0	21.98
21650	900.0			8	17	21.87
21775	912.5			1	0	22.13
21775	912.5			1	24	22.24
21775	912.5			8	0	22.30
21775	912.5			8	17	22.33
21550	890.0	10 MHz	QPSK	1	0	21.73
21550	890.0			1	49	21.83
21550	890.0			12	0	21.93
21550	890.0			12	38	21.77
21650	900.0			1	0	21.68
21650	900.0			1	49	21.90
21650	900.0			12	0	21.99
21650	900.0			12	38	21.90
21750	910.0			1	0	22.00
21750	910.0			1	49	22.25
21750	910.0			12	0	22.17
21750	910.0			12	38	22.49

LTE Band 7						
Channel	Frequency (MHz)	Bandwidth	Modulation	# of Resource Blocks	Resource Block Offset	Max. Average Power (dBm)
20775	2502.5	5 MHz	QPSK	1	0	21.88
20775	2502.5			1	24	21.97
20775	2502.5			8	0	21.97
20775	2502.5			8	17	21.95
21100	2535.0			1	0	21.51
21100	2535.0			1	24	21.67
21100	2535.0			8	0	21.59
21100	2535.0			8	17	21.67
21425	2567.5			1	0	21.73
21425	2567.5			1	24	21.65
21425	2567.5			8	0	21.87
21425	2567.5			8	17	21.84
20850	2510.0	20 MHz	QPSK	1	0	22.17
20850	2510.0			1	99	21.58
20850	2510.0			18	0	21.98
20850	2510.0			18	82	21.70
21100	2535.0			1	0	21.63
21100	2535.0			1	99	21.90
21100	2535.0			18	0	21.66
21100	2535.0			18	82	21.76
21350	2560.0			1	0	21.53
21350	2560.0			1	99	21.64
21350	2560.0			18	0	21.63
21350	2560.0			18	82	21.76

LTE Band 1						
Channel	Frequency (MHz)	Bandwidth	Modulation	# of Resource Blocks	Resource Block Offset	Max. Average Power (dBm)
18025	1922.5	5 MHz	QPSK	1	0	22.12
18025	1922.5			1	24	22.09
18025	1922.5			8	0	22.12
18025	1922.5			8	17	22.14
18300	1950.0			1	0	21.87
18300	1950.0			1	24	21.81
18300	1950.0			8	0	22.03
18300	1950.0			8	17	22.05
18575	1977.5			1	0	21.97
18575	1977.5			1	24	22.08
18575	1977.5			8	0	22.08
18575	1977.5			8	17	22.12
18100	1930.0	20 MHz	QPSK	1	0	22.10
18100	1930.0			1	99	22.11
18100	1930.0			18	0	22.07
18100	1930.0			18	82	22.17
18300	1950.0			1	0	22.04
18300	1950.0			1	99	21.84
18300	1950.0			18	0	22.20
18300	1950.0			18	82	21.85
18500	1970.0			1	0	21.90
18500	1970.0			1	99	22.07
18500	1970.0			18	0	21.96
18500	1970.0			18	82	22.09

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 測 頻	檢 驗 結 果	判 定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 3	1	BW= 1.4MHz	6	Low	QPSK	Low Middle High	請參考測試 章節 4.2.1	符 合
			2	BW= 1.4MHz	5	Low	QPSK	Low Middle High	請參考測試 章節 4.2.1	
			3	BW= 1.4MHz	5	High	QPSK	Low Middle High	請參考測試 章節 4.2.1	
			4	BW= 1.4MHz	6	Low	16QAM	Low Middle High	請參考測試 章節 4.2.1	
			5	BW= 1.4MHz	5	Low	16QAM	Low Middle High	請參考測試 章節 4.2.1	
			6	BW= 1.4MHz	5	High	16QAM	Low Middle High	請參考測試 章節 4.2.1	
			7	BW= 5MHz	25	Low	QPSK	Low Middle High	請參考測試 章節 4.2.1	
			8	BW= 5MHz	8	Low	QPSK	Low Middle High	請參考測試 章節 4.2.1	
			9	BW= 5MHz	8	High	QPSK	Low Middle High	請參考測試 章節 4.2.1	
			10	BW= 5MHz	25	Low	16QAM	Low Middle High	請參考測試 章節 4.2.1	
			11	BW= 5MHz	8	Low	16QAM	Low Middle High	請參考測試 章節 4.2.1	
			12	BW= 5MHz	8	High	16QAM	Low Middle High	請參考測試 章節 4.2.1	

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47			LTE Band 3		13	BW= 10MHz	50	Low	QPSK	Low	請參考測試 章節 4.2.1	符 合
											Middle		
											High		
						14	BW= 10MHz	12	Low	QPSK	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						15	BW= 10MHz	12	High	QPSK	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						16	BW= 10MHz	12	Low	16QAM	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						17	BW= 10MHz	12	High	16QAM	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						18	BW= 20MHz	100	Low	QPSK	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						19	BW= 20MHz	18	Low	QPSK	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
						20	BW= 20MHz	18	High	QPSK	Low	請參考測試 章節 4.2.1	
											Middle		
											High		
21	BW= 20MHz	18	Low	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
22	BW= 20MHz	18	High	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 測 頻	測 道	檢 驗 結 果	判 定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 8	1	BW= 1.4MHz	6	Low	QPSK	Low	請參考測試 章節 4.2.1	符 合	
								Middle			
								High			
			2	BW= 1.4MHz	5	Low	QPSK	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			3	BW= 1.4MHz	5	High	QPSK	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			4	BW= 1.4MHz	6	Low	16QAM	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			5	BW= 1.4MHz	5	Low	16QAM	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			6	BW= 1.4MHz	5	High	16QAM	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			7	BW= 5MHz	25	Low	QPSK	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
			8	BW= 5MHz	8	Low	QPSK	Low	請參考測試 章節 4.2.1		
								Middle			
								High			
9	BW= 5MHz	8	High	QPSK	Low	請參考測試 章節 4.2.1					
					Middle						
					High						
10	BW= 5MHz	25	Low	16QAM	Low	請參考測試 章節 4.2.1					
					Middle						
					High						
11	BW= 5MHz	8	Low	16QAM	Low	請參考測試 章節 4.2.1					
					Middle						
					High						
12	BW= 5MHz	8	High	16QAM	Low	請參考測試 章節 4.2.1					
					Middle						
					High						

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 測 頻 道	檢 驗 結 果	判 定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 8	13	BW= 10MHz	50	Low	QPSK	Low	請參考測試 章節 4.2.1	符 合
								Middle		
								High		
			14	BW= 10MHz	12	Low	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			15	BW= 10MHz	12	High	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			16	BW= 10MHz	12	Low	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			17	BW= 10MHz	12	High	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47											請參考測試 章節 4.2.1	符合

項次	檢驗項目及標準值	工頻	Test set	工頻作寬	RB allocation	RB start	Modulation	檢測頻道	檢驗結果	判定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 7	13	BW= 20MHz	100	Low	QPSK	Low	請參考測試 章節 4.2.1	符 合
								Middle		
								High		
			14	BW= 20MHz	18	Low	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			15	BW= 20MHz	18	High	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			16	BW= 20MHz	18	Low	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			17	BW= 20MHz	18	High	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 1		1	BW= 5MHz	25	Low	QPSK	Low	請參考測試 章節 4.2.1			
									Middle				
									High				
				2	BW= 5MHz	8	Low	QPSK	Low	請參考測試 章節 4.2.1			
									Middle				
									High				
				3	BW= 5MHz	8	High	QPSK	Low	請參考測試 章節 4.2.1			
									Middle				
									High				
				4	BW= 5MHz	25	Low	16QAM	Low	請參考測試 章節 4.2.1			
									Middle				
High													
5	BW= 5MHz	8	Low	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
6	BW= 5MHz	8	High	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
7	BW= 10MHz	50	Low	QPSK	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
8	BW= 10MHz	12	Low	QPSK	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
9	BW= 10MHz	12	High	QPSK	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
10	BW= 10MHz	12	Low	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
11	BW= 10MHz	12	High	16QAM	Low	請參考測試 章節 4.2.1							
					Middle								
					High								
符合													

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 測 頻 道	檢 驗 結 果	判 定
3	發射頻譜波罩 符合[行動通信電信 終端設備技術規範] 附表 47	LTE Band 1	13	BW= 20MHz	100	Low	QPSK	Low	請參考測試 章節 4.2.1	符 合
								Middle		
								High		
			14	BW= 20MHz	18	Low	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			15	BW= 20MHz	18	High	QPSK	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			16	BW= 20MHz	18	Low	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		
			17	BW= 20MHz	18	High	16QAM	Low	請參考測試 章節 4.2.1	
								Middle		
								High		

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢結	驗果	判	定
4	傳導帶外輻射發射 符合[行動通信電信 終端設備技術規範] 附表 49	LTE Band 3		1	BW= 1.4 MHz	1	High	QPSK	Low	請參閱 附件	符 合				
			2	Middle											
			3	High											
			4	BW= 1.4 MHz	1	Low	QPSK	Low	請參閱 附件						
			5					Middle							
			6					High							
			7	BW= 1.4 MHz	6	Low	QPSK	Low	請參閱 附件						
			8					Middle							
			9					High							
			10	BW= 5 MHz	1	High	QPSK	Low	請參閱 附件						
			11					Middle							
			12					High							
			13	BW= 5 MHz	1	Low	QPSK	Low	請參閱 附件						
			14					Middle							
			15					High							
			16	BW= 5 MHz	25	Low	QPSK	Low	請參閱 附件						
			17					Middle							
			18					High							
			19	BW= 20 MHz	1	High	QPSK	Low	請參閱 附件						
			20					Middle							
			21					High							
			22	BW= 20 MHz	1	Low	QPSK	Low	請參閱 附件						
			23					Middle							
			24					High							
			25	BW= 20 MHz	100	Low	QPSK	Low	請參閱 附件						
			26					Middle							
			27					High							

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
4	傳導帶外輻射發射 符合[行動通信電信 終端設備技術規範] 附表 49	LTE Band 8		1	BW= 1.4 MHz	1	High	QPSK	Low	請參閱 附件	符 合		
				2					Middle				
				3					High				
				4	BW= 1.4 MHz	1	Low	QPSK	Low	請參閱 附件			
				5					Middle				
				6					High				
				7	BW= 1.4 MHz	6	Low	QPSK	Low	請參閱 附件			
				8					Middle				
				9					High				
				10	BW= 5 MHz	1	High	QPSK	Low	請參閱 附件			
				11					Middle				
				12					High				
				13	BW= 5 MHz	1	Low	QPSK	Low	請參閱 附件			
				14					Middle				
				15					High				
				16	BW= 5 MHz	25	Low	QPSK	Low	請參閱 附件			
				17					Middle				
				18					High				
				19	BW= 10 MHz	1	High	QPSK	Low	請參閱 附件			
				20					Middle				
				21					High				
				22	BW= 10 MHz	1	Low	QPSK	Low	請參閱 附件			
				23					Middle				
				24					High				
				25	BW= 10 MHz	50	Low	QPSK	Low	請參閱 附件			
				26					Middle				
				27					High				

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
4	傳導帶外輻射發射 符合[行動通信電信 終端設備技術規範] 附表 49		LTE Band 7	1	BW= 5 MHz	1	High	QPSK	Low		請參閱 附件	符 合	
				2					Middle				
				3					High				
				4	BW= 5 MHz	1	Low	QPSK	Low		請參閱 附件		
				5					Middle				
				6					High				
				7	BW= 5 MHz	25	Low	QPSK	Low		請參閱 附件		
				8					Middle				
				9					High				
				10	BW= 20 MHz	1	High	QPSK	Low		請參閱 附件		
				11					Middle				
				12					High				
				13	BW= 20 MHz	1	Low	QPSK	Low		請參閱 附件		
				14					Middle				
				15					High				
				16	BW= 20 MHz	100	Low	QPSK	Low		請參閱 附件		
				17					Middle				
				18					High				

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
4	傳導帶外輻射發射 符合[行動通信電信 終端設備技術規範] 附表 49		LTE Band 1	1	BW= 5 MHz	1	High	QPSK	Low		請參閱 附件	符 合	
				2					Middle				
				3					High				
				4	BW= 5 MHz	1	Low	QPSK	Low		請參閱 附件		
				5					Middle				
				6					High				
				7	BW= 5 MHz	25	Low	QPSK	Low		請參閱 附件		
				8					Middle				
				9					High				
				10	BW= 20 MHz	1	High	QPSK	Low		請參閱 附件		
				11					Middle				
				12					High				
				13	BW= 20 MHz	1	Low	QPSK	Low		請參閱 附件		
				14					Middle				
				15					High				
				16	BW= 20 MHz	100	Low	QPSK	Low		請參閱 附件		
				17					Middle				
				18					High				

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 頻 測 道	檢 驗 結 果	判 定
5	ACLR 限制值： ≥29.2 dB	LTE Band 3	1	BW= 1.4MHz	6	Low	QPSK	Low	請參考測試 章節 4.2.2	符 合
								Middle		
								High		
			2	BW= 1.4MHz	5	Low	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			3	BW= 1.4MHz	5	High	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			4	BW= 1.4MHz	6	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			5	BW= 1.4MHz	5	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			6	BW= 1.4MHz	5	High	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			7	BW= 5MHz	25	Low	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			8	BW= 5MHz	8	Low	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			9	BW= 5MHz	8	High	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			10	BW= 5MHz	25	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			11	BW= 5MHz	8	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			12	BW= 5MHz	8	High	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
5	ACLR 限制值： ≥ 29.2 dB	LTE Band 3		13	BW=10MHz	50	Low	QPSK		Low	請參考測試 章節 4.2.2	符合	
										Middle			
										High			
				14	BW=10MHz	12	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				15	BW=10MHz	12	High	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				16	BW=10MHz	12	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				17	BW=10MHz	12	High	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				18	BW=20MHz	100	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				19	BW=20MHz	18	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				20	BW=20MHz	18	High	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				21	BW=20MHz	100	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
22	BW=20MHz	18	Low	16QAM		Low	請參考測試 章節 4.2.2						
						Middle							
						High							
23	BW=20MHz	18	High	16QAM		Low	請參考測試 章節 4.2.2						
						Middle							
						High							

項次	檢驗項目及標準值	工頻	作段	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢頻 測道	檢驗結果	判定
5	ACLR 限制值： ≥ 29.2 dB	LTE Band 8		1	BW= 1.4MHz	6	Low	QPSK	Low	請參考測試 章節 4.2.2	符合
									Middle		
									High		
				2	BW= 1.4MHz	5	Low	QPSK	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				3	BW= 1.4MHz	5	High	QPSK	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				4	BW= 1.4MHz	6	Low	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				5	BW= 1.4MHz	5	Low	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				6	BW= 1.4MHz	5	High	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				7	BW= 5MHz	25	Low	QPSK	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				8	BW= 5MHz	8	Low	QPSK	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				9	BW= 5MHz	8	High	QPSK	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				10	BW= 5MHz	25	Low	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				11	BW= 5MHz	8	Low	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		
				12	BW= 5MHz	8	High	16QAM	Low	請參考測試 章節 4.2.2	
									Middle		
									High		

項次	檢驗項目及標準值	工頻	作段	Test	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定
5	ACLR 限制值： ≥29.2 dB	LTE Band 8		13	BW= 10MHz	50	Low	QPSK		Low	請參考測試 章節 4.2.2	符 合	
										Middle			
										High			
				14	BW= 10MHz	12	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				15	BW= 10MHz	12	High	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				16	BW= 10MHz	12	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				17	BW= 10MHz	12	High	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢驗結果	判定																																																																															
5	ACLR 限制值： ≥ 29.2 dB	LTE Band 7		1	BW= 5MHz	25	Low	QPSK		Low	請參考測試 章節 4.2.2	符 合																																																																																
										Middle																																																																																		
										High																																																																																		
													2	BW= 5MHz	8	Low	QPSK		Low	請參考測試 章節 4.2.2																																																																								
																			Middle																																																																									
																			High																																																																									
																					3	BW= 5MHz	8	High	QPSK		Low	請參考測試 章節 4.2.2																																																																
																											Middle																																																																	
																											High																																																																	
																													4	BW= 5MHz	25	Low	16QAM		Low	請參考測試 章節 4.2.2																																																								
																																			Middle																																																									
																																			High																																																									
																																					5	BW= 5MHz	8	Low	16QAM		Low	請參考測試 章節 4.2.2																																																
																																											Middle																																																	
																																											High																																																	
																																													6	BW= 5MHz	8	High	16QAM		Low	請參考測試 章節 4.2.2																																								
																																																			Middle																																									
																																																			High																																									
																																																					7	BW= 10MHz	50	Low	QPSK		Low	請參考測試 章節 4.2.2																																
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																																																											High																																	
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																																																																					9	BW= 10MHz	12	High	QPSK		Low	請參考測試 章節 4.2.2																
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																																																																																			High									
																																																																																					11	BW= 10MHz	12	High	16QAM		Low	請參考測試 章節 4.2.2
																																																																																											Middle	
																																																																																											High	

項次	檢驗項目及標準值	工頻	Test set	工頻作寬	RB allocation	RB start	Modulation	檢測頻道	檢驗結果	判定
5	ACLR 限制值： ≥ 29.2 dB	LTE Band 7	13	BW=20MHz	100	Low	QPSK	Low	請參考測試 章節 4.2.2	符 合
								Middle		
								High		
			14	BW=20MHz	18	Low	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			15	BW=20MHz	18	High	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			16	BW=20MHz	18	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			17	BW=20MHz	18	High	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		

項次	檢驗項目及標準值	工頻	作段	Test set	工頻	作寬	RB allocation	RB start	Modulation	檢頻	測道	檢 驗 結 果	判 定
5	ACLR 限制值： ≥ 29.2 dB		LTE Band 1	1	BW=5MHz	25	Low	QPSK		Low	請參考測試 章節 4.2.2	符 合	
										Middle			
										High			
				2	BW=5MHz	8	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				3	BW=5MHz	8	High	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				4	BW=5MHz	25	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				5	BW=5MHz	8	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				6	BW=5MHz	8	High	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				7	BW=10MHz	50	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				8	BW=10MHz	12	Low	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				9	BW=10MHz	12	High	QPSK		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				10	BW=10MHz	12	Low	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			
				11	BW=10MHz	12	High	16QAM		Low	請參考測試 章節 4.2.2		
										Middle			
										High			

項次	檢驗項目及標準值	工頻	Test set	工頻 作寬	RB allocation	RB start	Modulation	檢 測 頻 道	檢 驗 結 果	判 定
5	ACLR 限制值： ≥29.2 dB	LTE Band 1	13	BW= 20MHz	100	Low	QPSK	Low	請參考測試 章節 4.2.2	符 合
								Middle		
								High		
			14	BW= 20MHz	18	Low	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			15	BW= 20MHz	18	High	QPSK	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			16	BW= 20MHz	18	Low	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		
			17	BW= 20MHz	18	High	16QAM	Low	請參考測試 章節 4.2.2	
								Middle		
								High		

項次	檢驗項目及標準	判定
6	頻率穩定度 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 0.1ppm 以內。	符合

工作頻段	Band 3				
Modulation	QPSK, RB allocation=Full RB				
Bandwidth (MHz)	5				
Channel	中頻道				
Frequency (MHz)	1747.5				
測試溫度/電壓	檢驗結果				
	0 分鐘	2 分鐘	5 分鐘	10 分鐘	單位
TL/VL	-0.002	-0.004	-0.005	0.001	ppm
TL/VH	-0.003	0.000	-0.002	0.000	ppm
TN/VN	0.004	0.004	-0.001	0.004	ppm
TH/VL	0.004	0.005	-0.005	0.002	ppm
TH/VH	-0.003	0.003	-0.001	-0.002	ppm

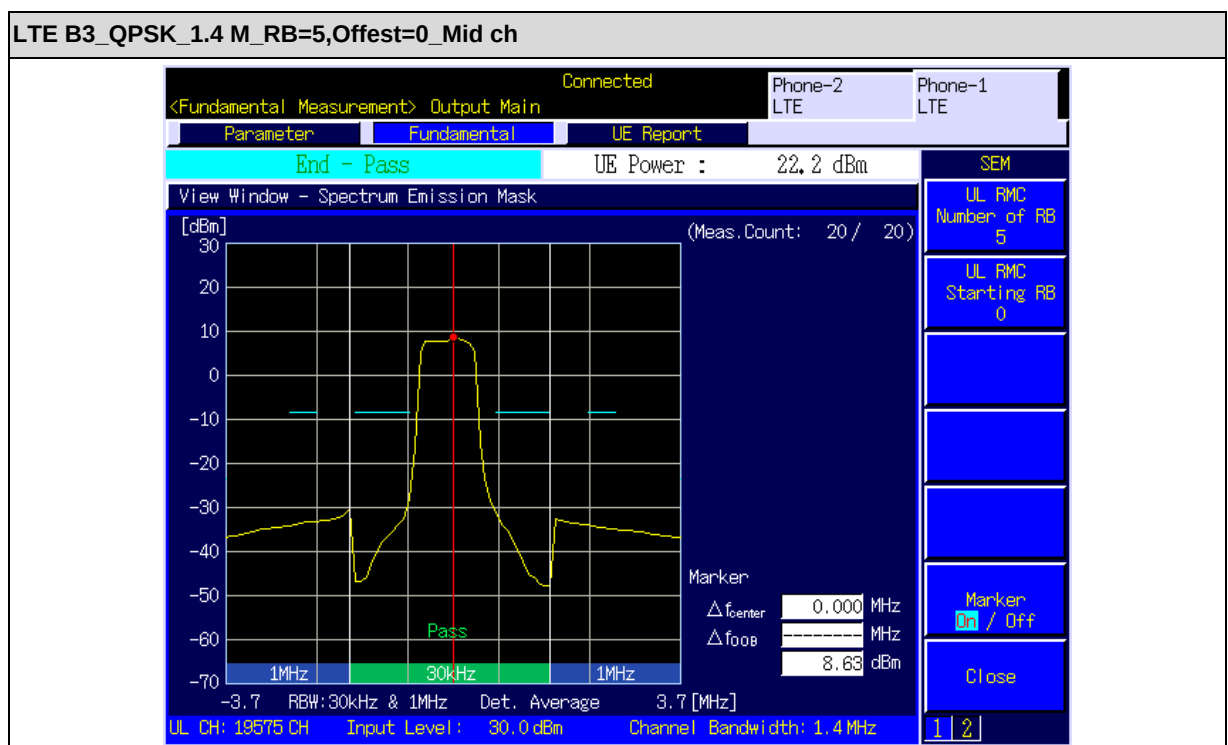
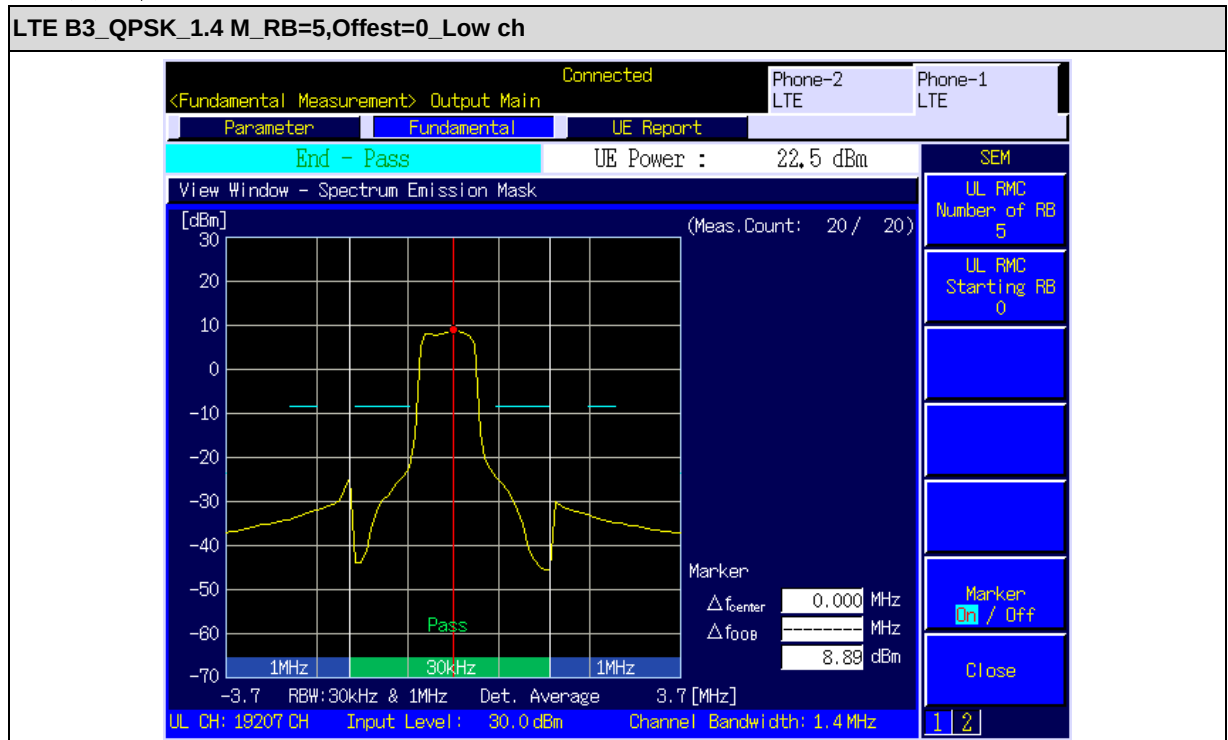
工作頻段	Band 8				
Modulation	QPSK, RB allocation=Full RB				
Bandwidth (MHz)	5				
Channel	中頻道				
Frequency (MHz)	900.0				
測試溫度/電壓	檢驗結果				
	0 分鐘	2 分鐘	5 分鐘	10 分鐘	單位
TL/VL	-0.006	0.001	-0.007	-0.003	ppm
TL/VH	-0.007	0.000	0.002	0.002	ppm
TN/VN	-0.008	0.011	-0.001	-0.010	ppm
TH/VL	0.005	0.002	-0.011	-0.001	ppm
TH/VH	0.009	0.004	0.003	0.002	ppm

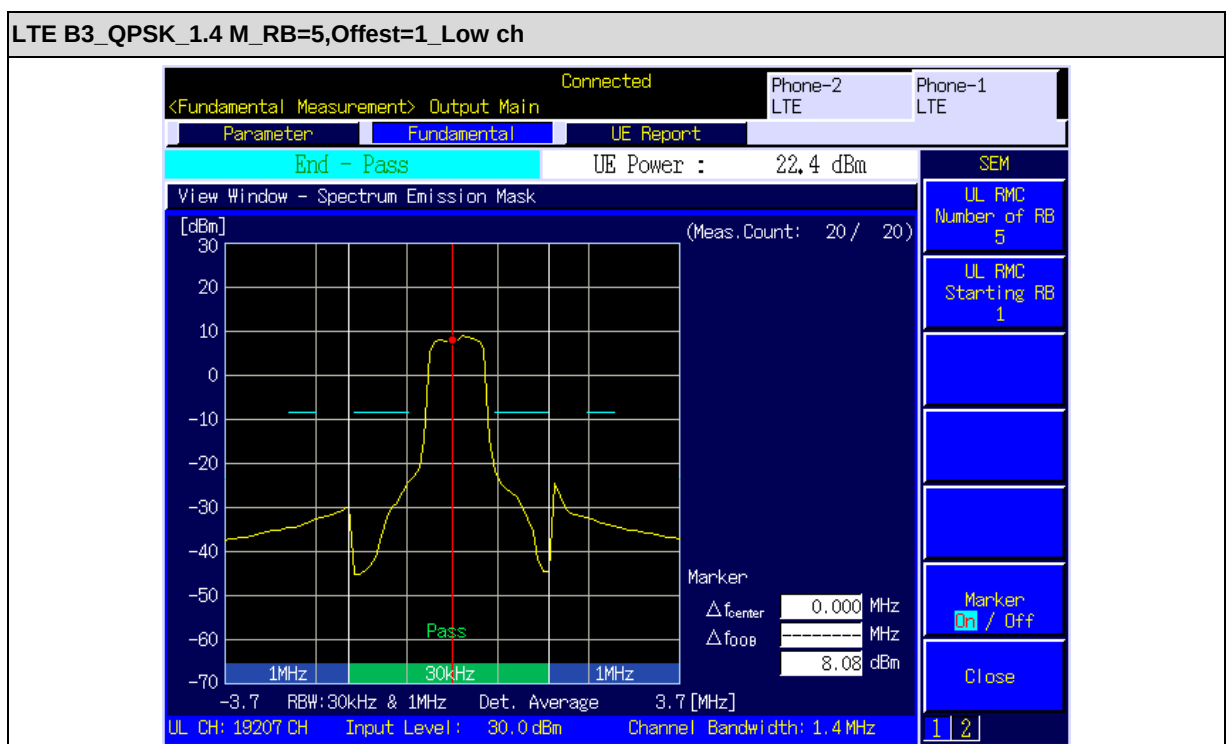
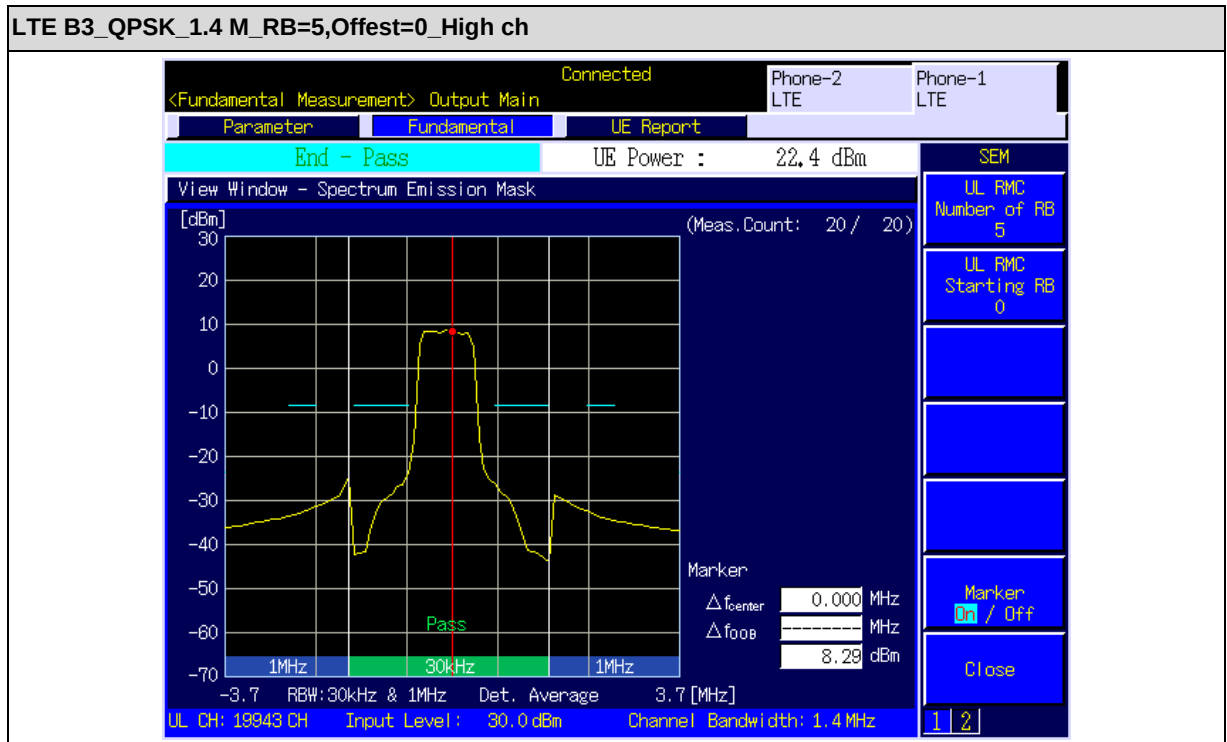
工作頻段	Band 7				
Modulation	QPSK, RB allocation=Full RB				
Bandwidth (MHz)	5				
Channel	中頻道				
Frequency (MHz)	2535.0				
測試溫度/電壓	檢驗結果				
	0 分鐘	2 分鐘	5 分鐘	10 分鐘	單位
TL/VL	0.002	-0.003	-0.004	0.001	ppm
TL/VH	0.001	0.001	0.000	0.000	ppm
TN/VN	-0.003	0.002	0.000	0.004	ppm
TH/VL	0.003	-0.001	-0.003	0.000	ppm
TH/VH	-0.003	-0.001	-0.003	0.003	ppm

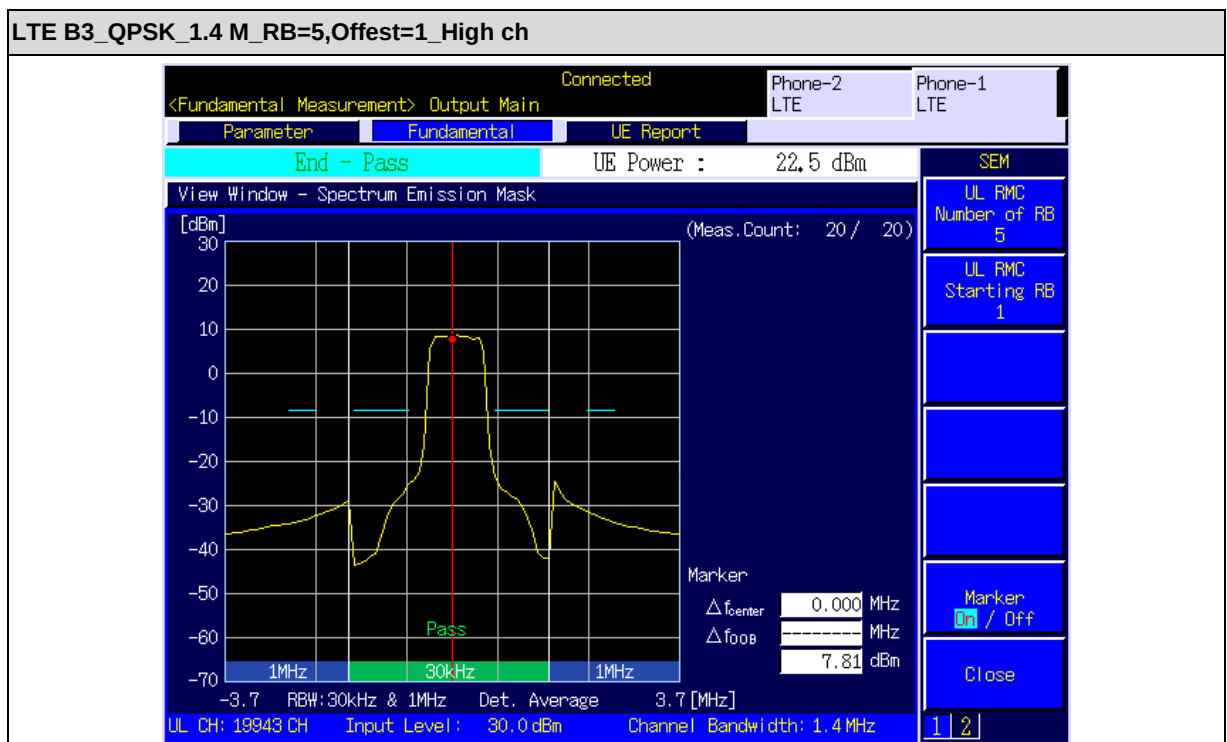
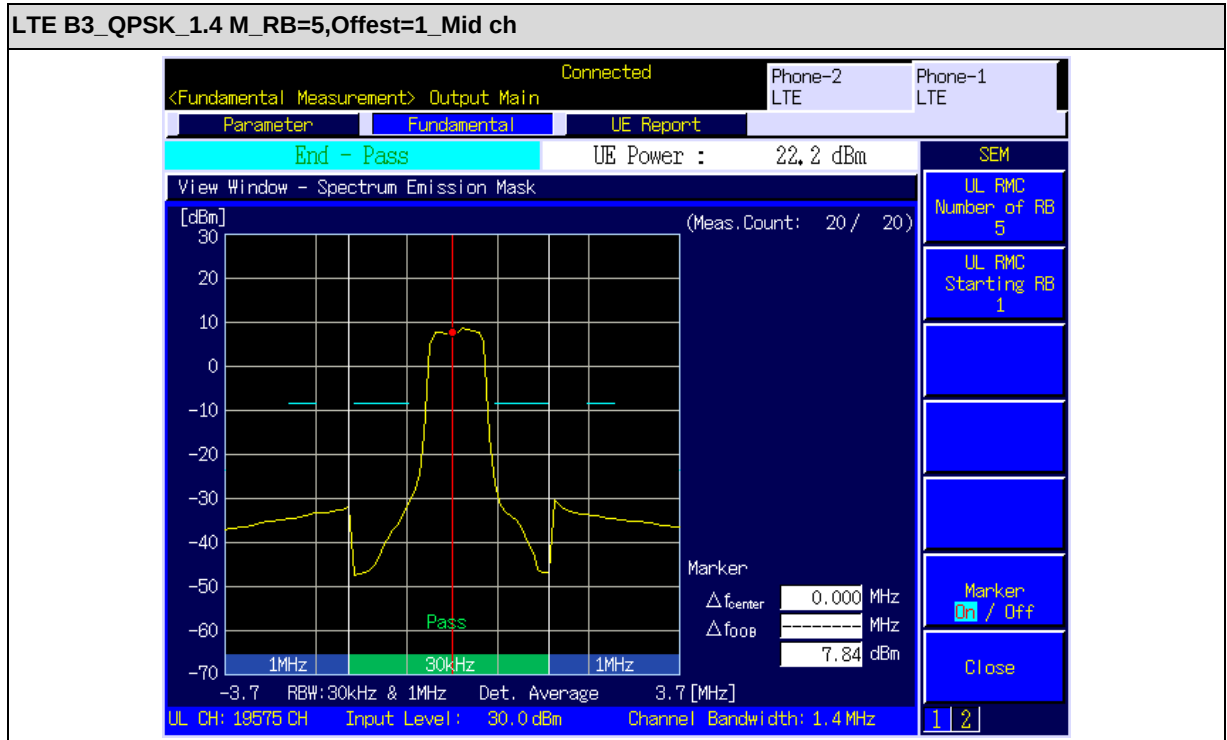
工作頻段	Band 1				
Modulation	QPSK, RB allocation=Full RB				
Bandwidth (MHz)	5				
Channel	中頻道				
Frequency (MHz)	1950				
測試溫度/電壓	檢驗結果				
	0 分鐘	2 分鐘	5 分鐘	10 分鐘	單位
TL/VL	0.004	-0.004	-0.003	-0.005	ppm
TL/VH	-0.002	-0.004	-0.004	-0.001	ppm
TN/VN	-0.005	0.000	0.001	-0.002	ppm
TH/VL	-0.004	-0.006	-0.001	-0.005	ppm
TH/VH	0.004	-0.003	0.004	-0.002	ppm

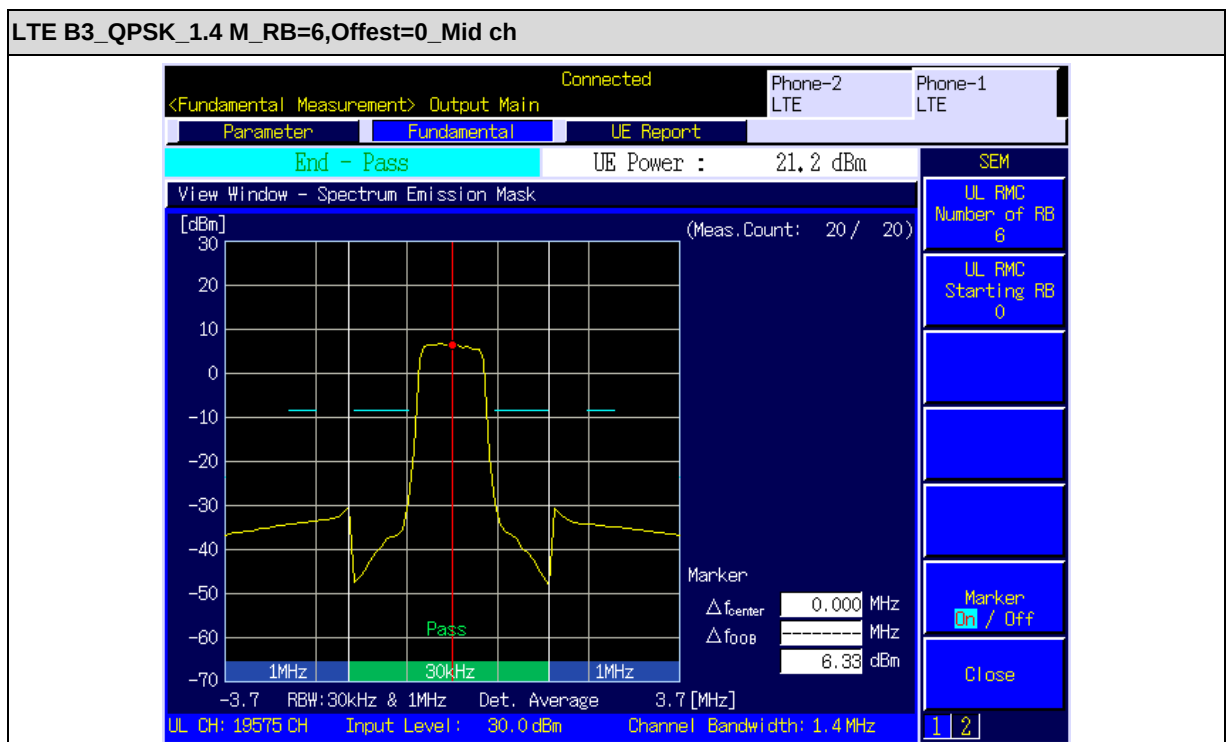
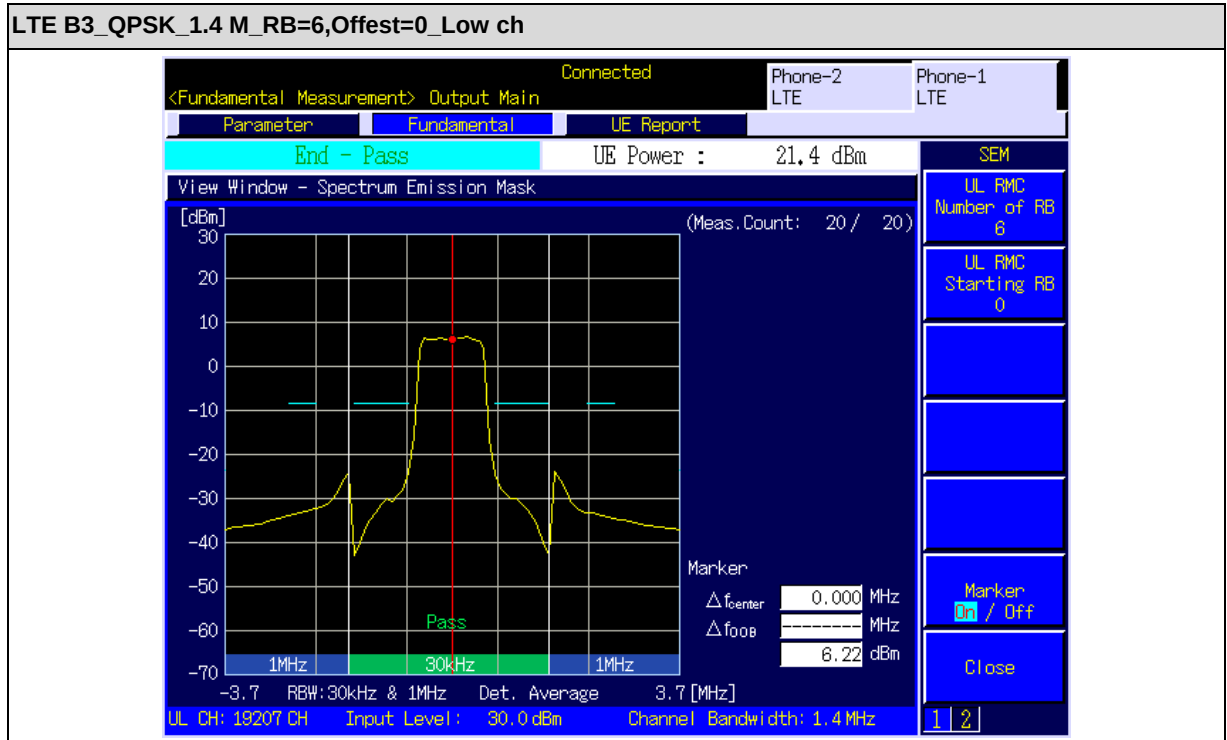
4.2 測試掃描圖

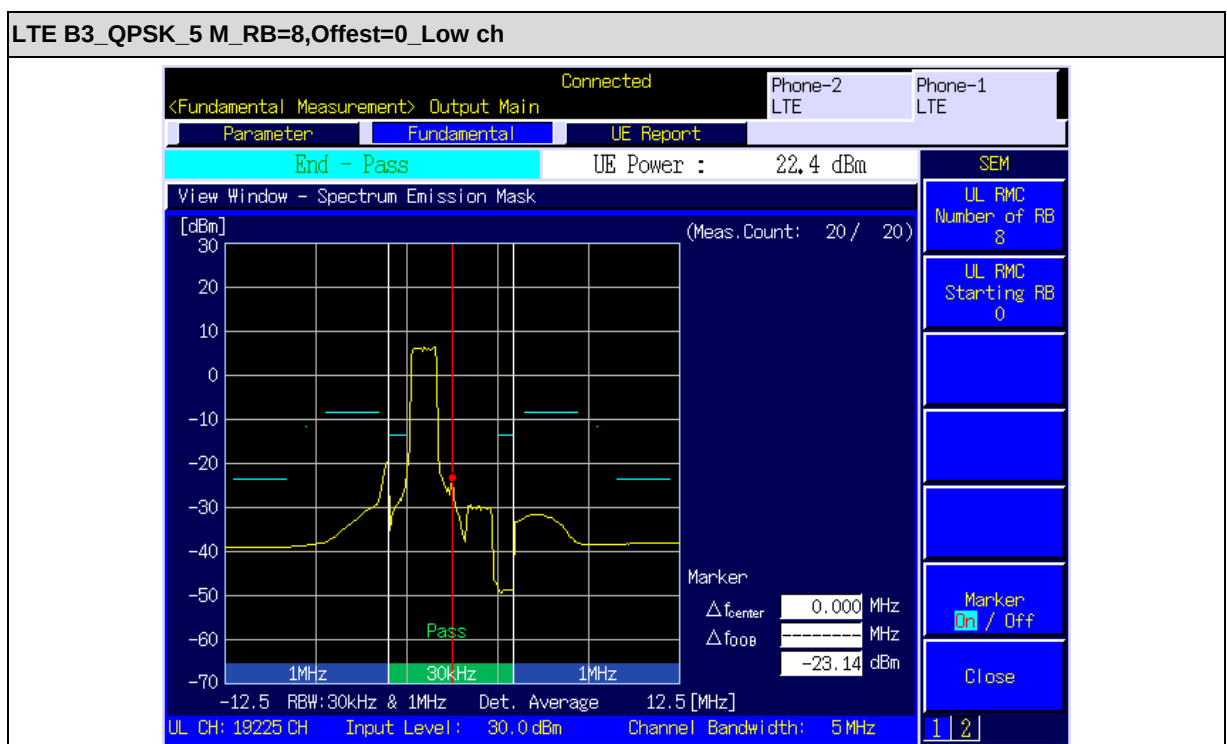
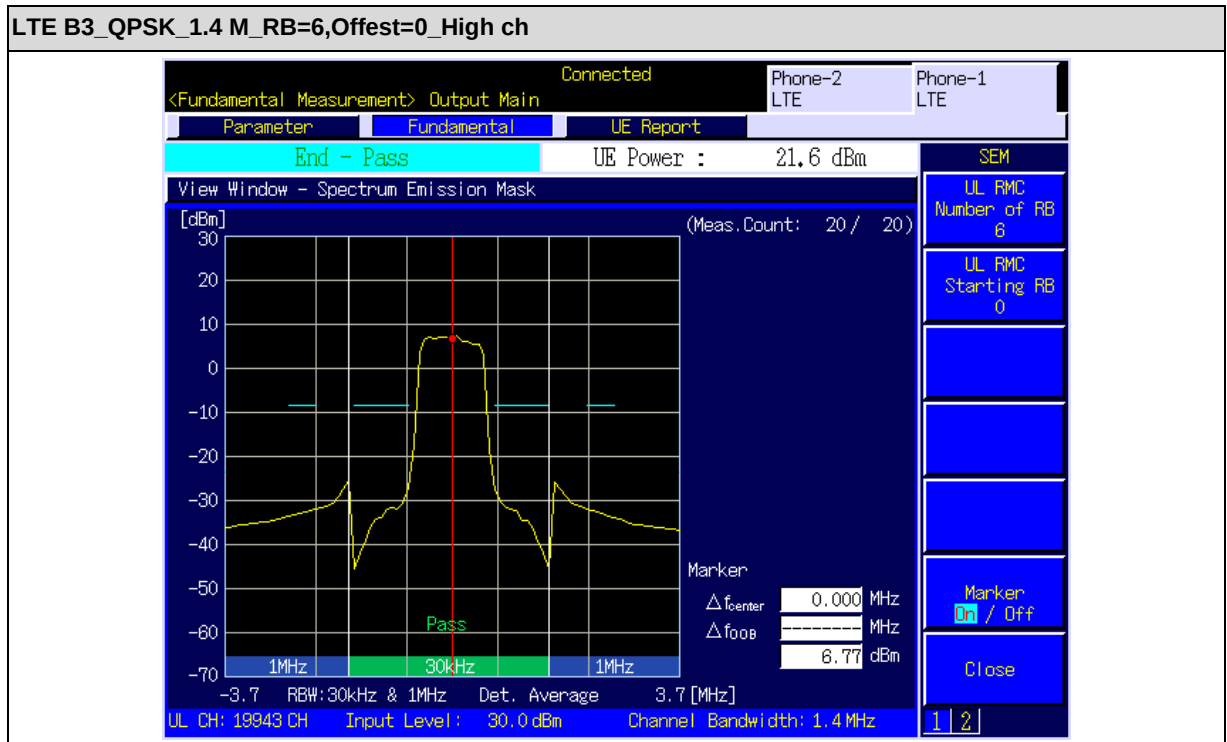
4.2.1 發射頻譜波罩

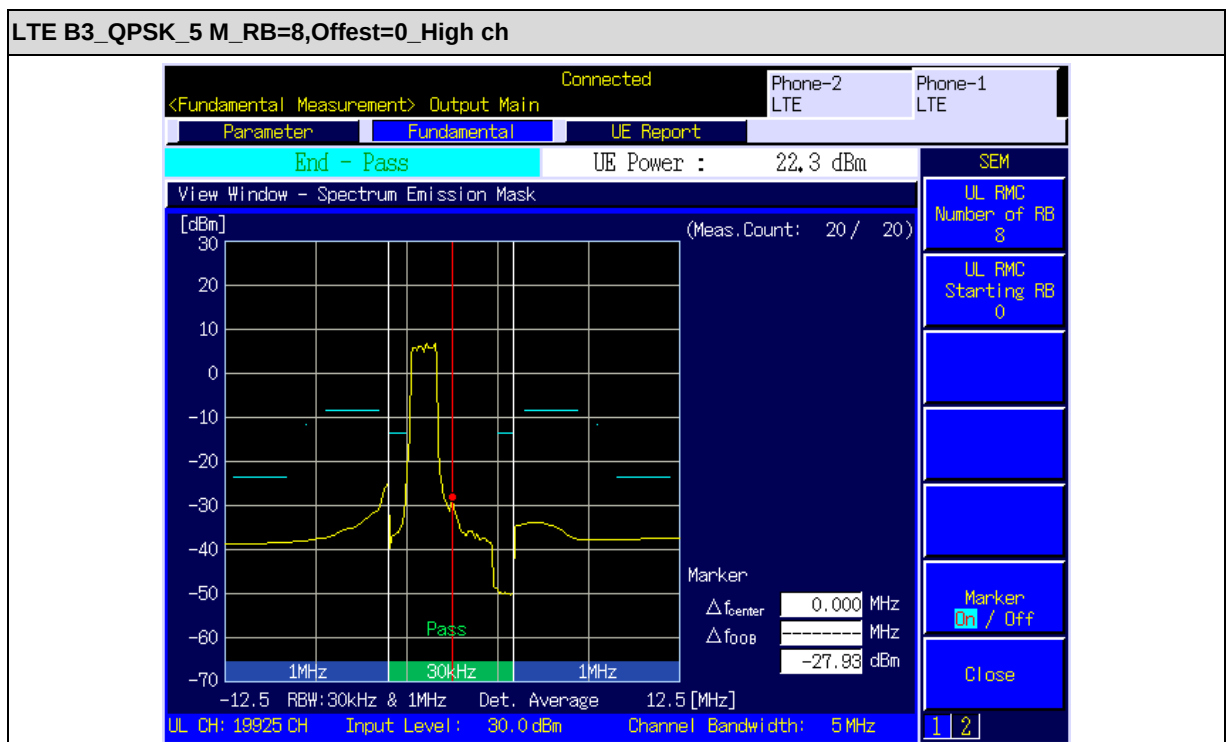
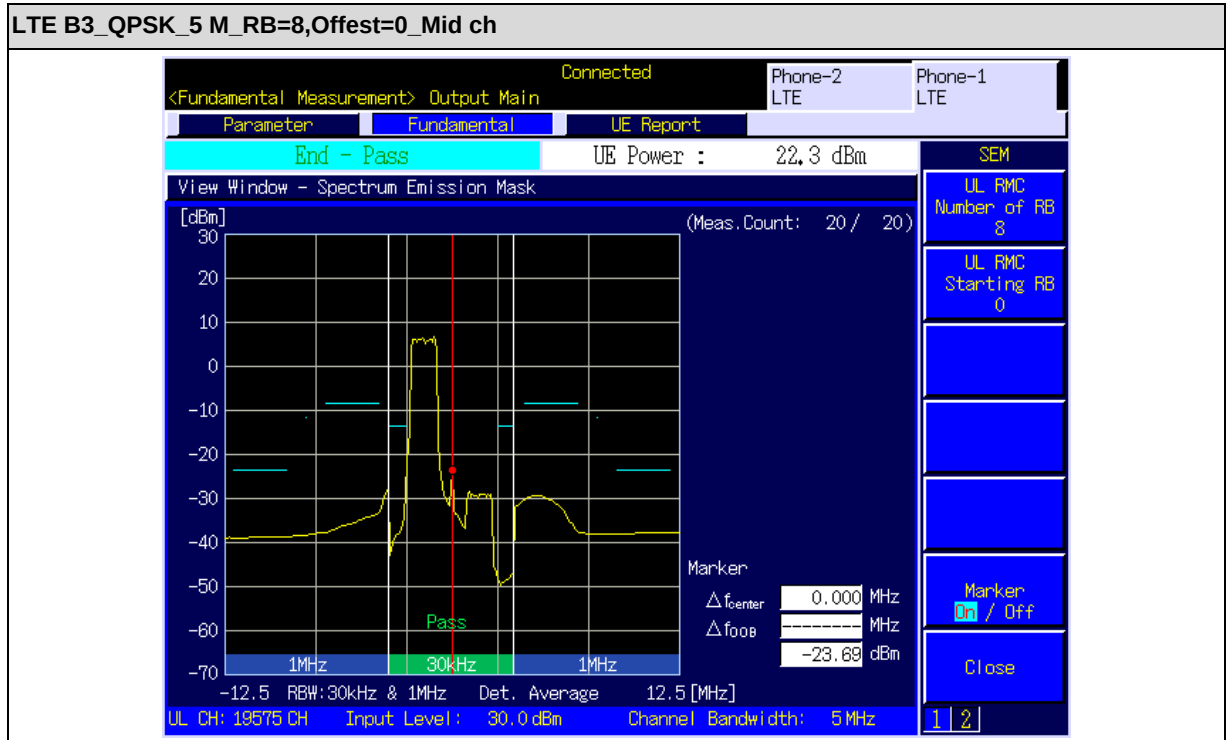


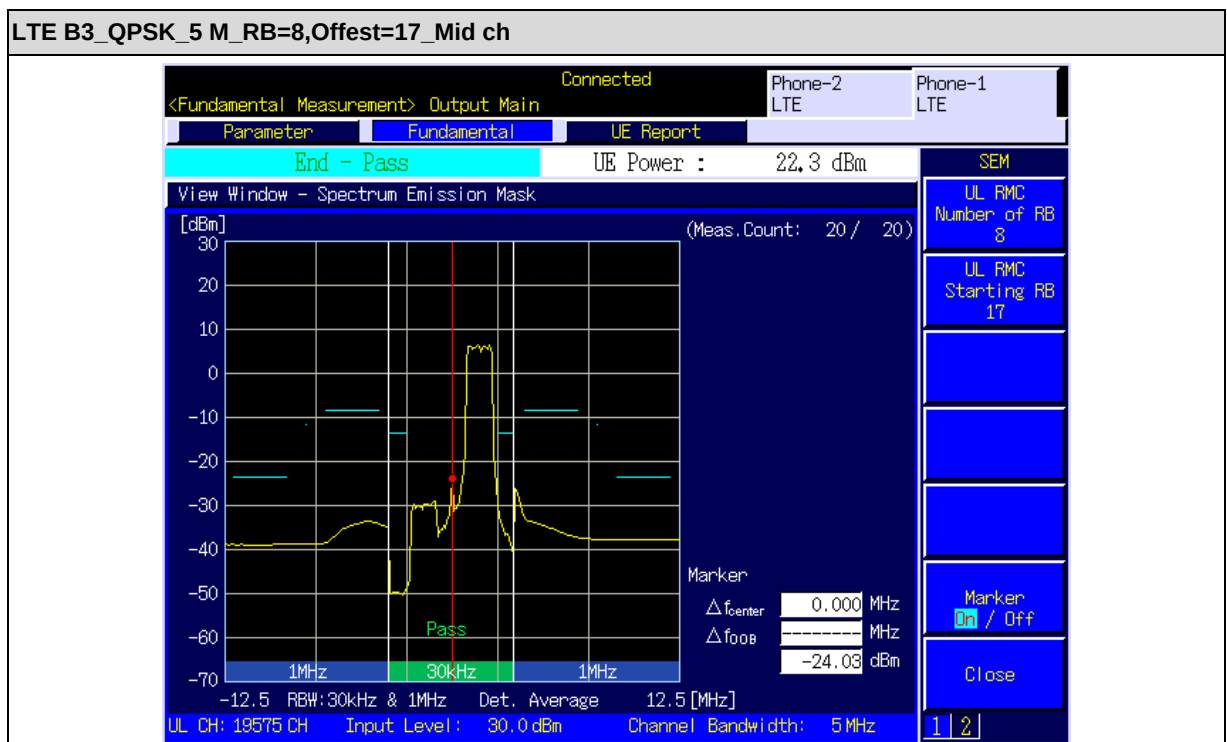
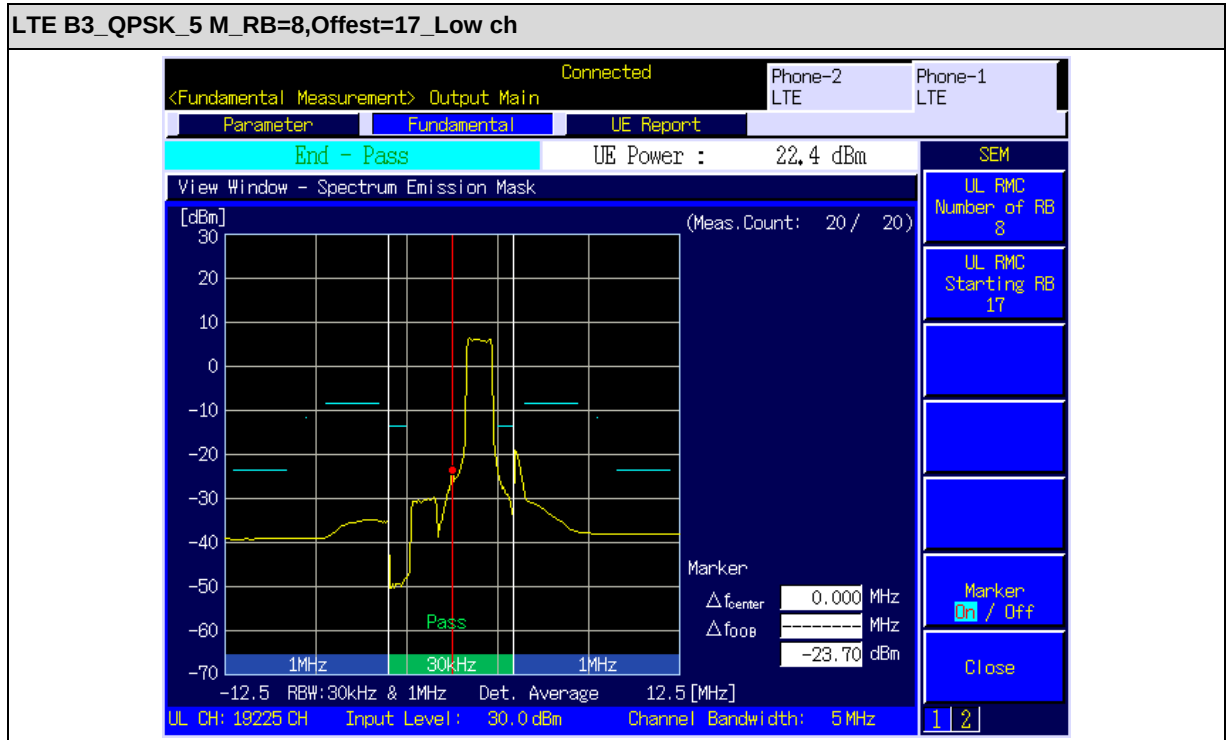


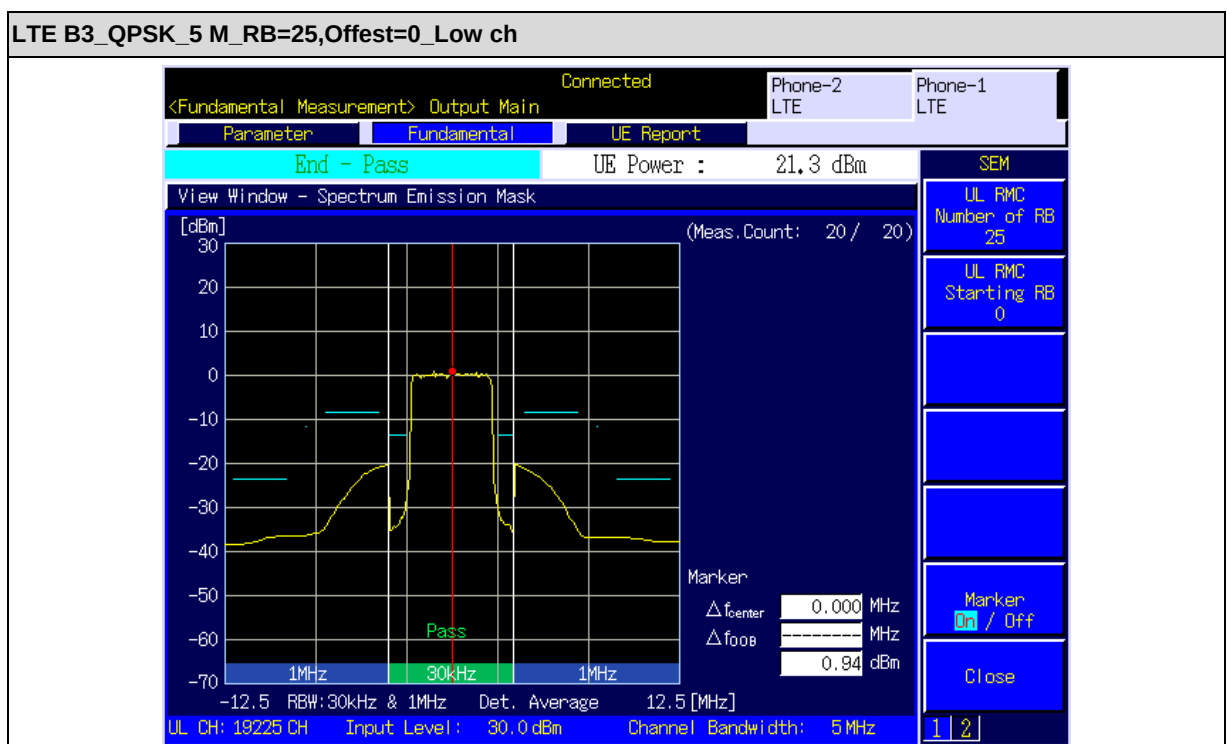
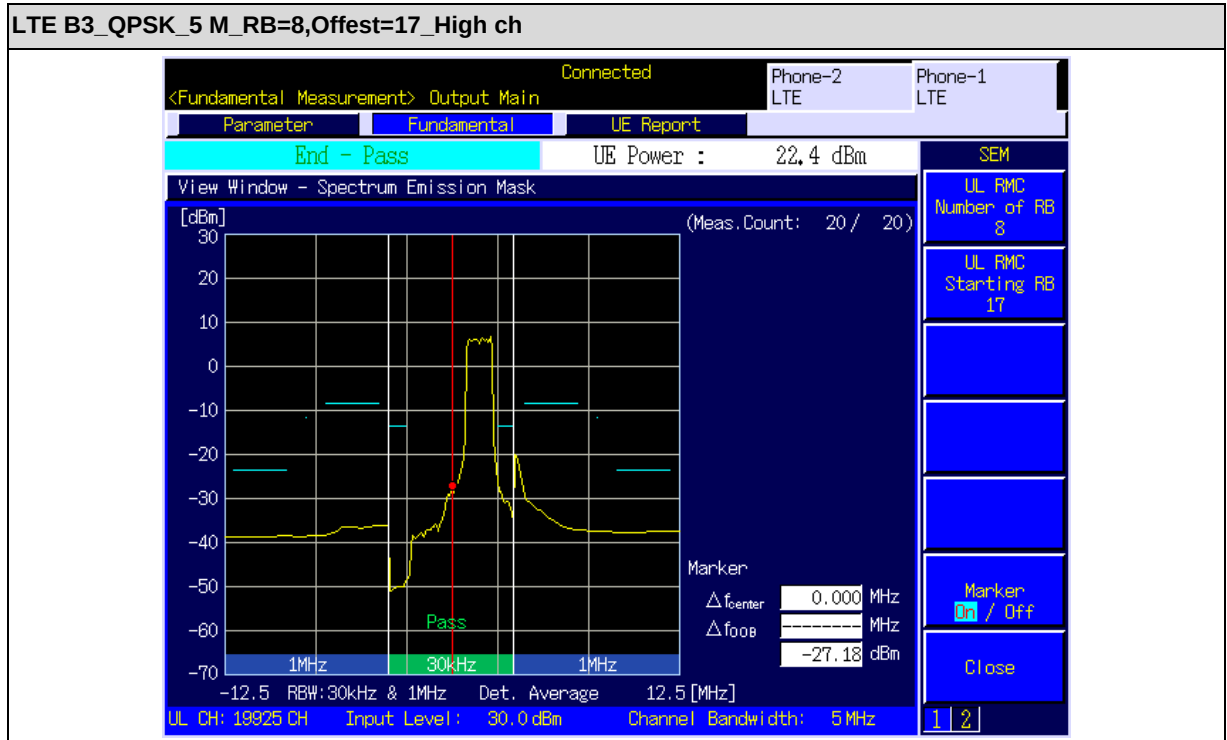


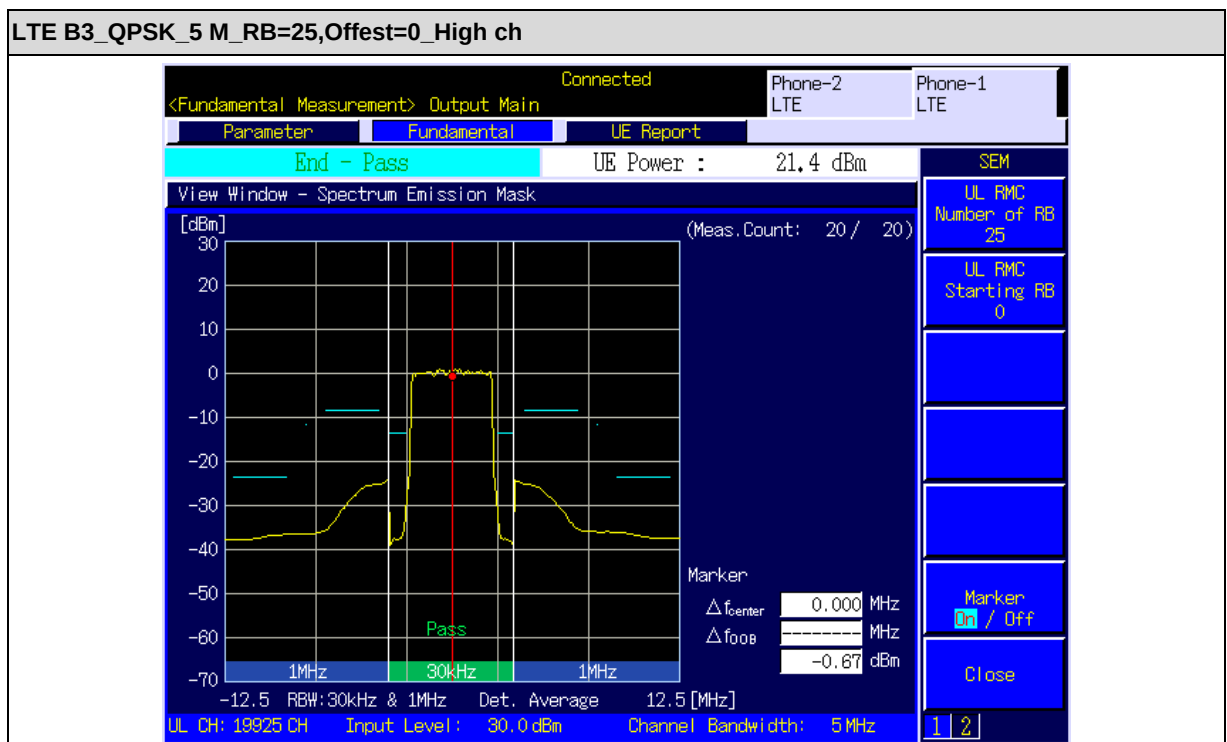
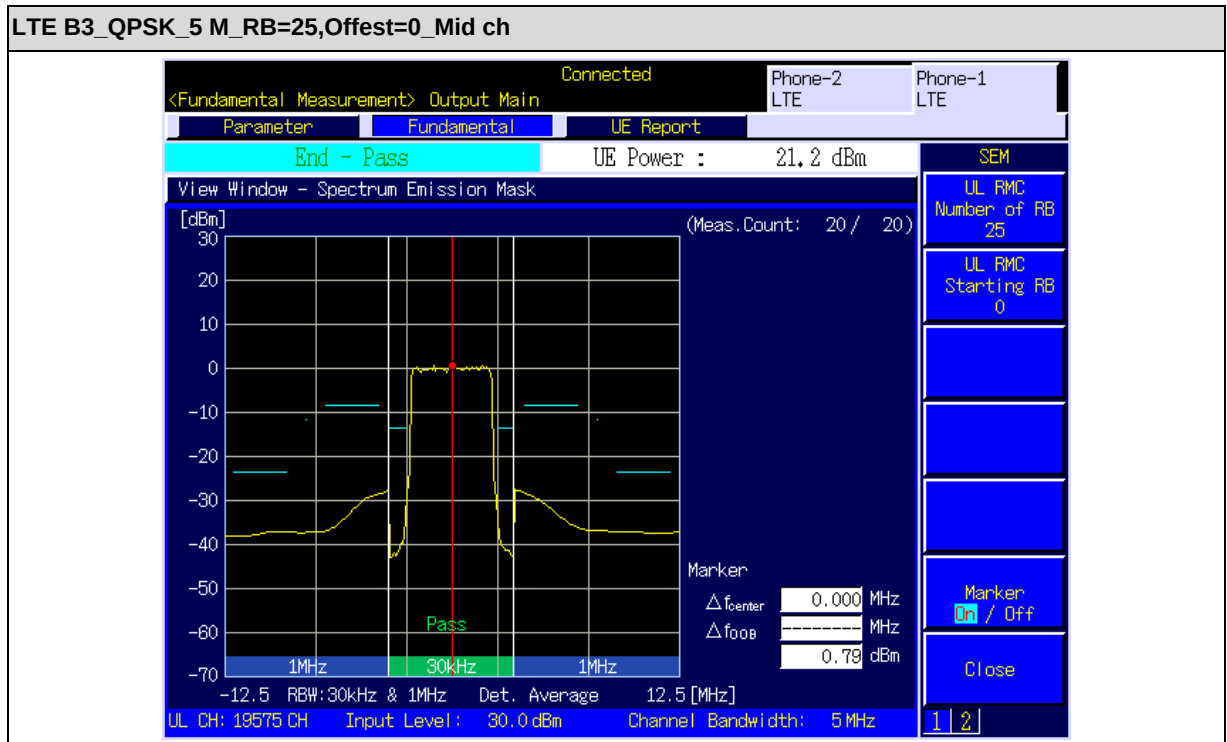


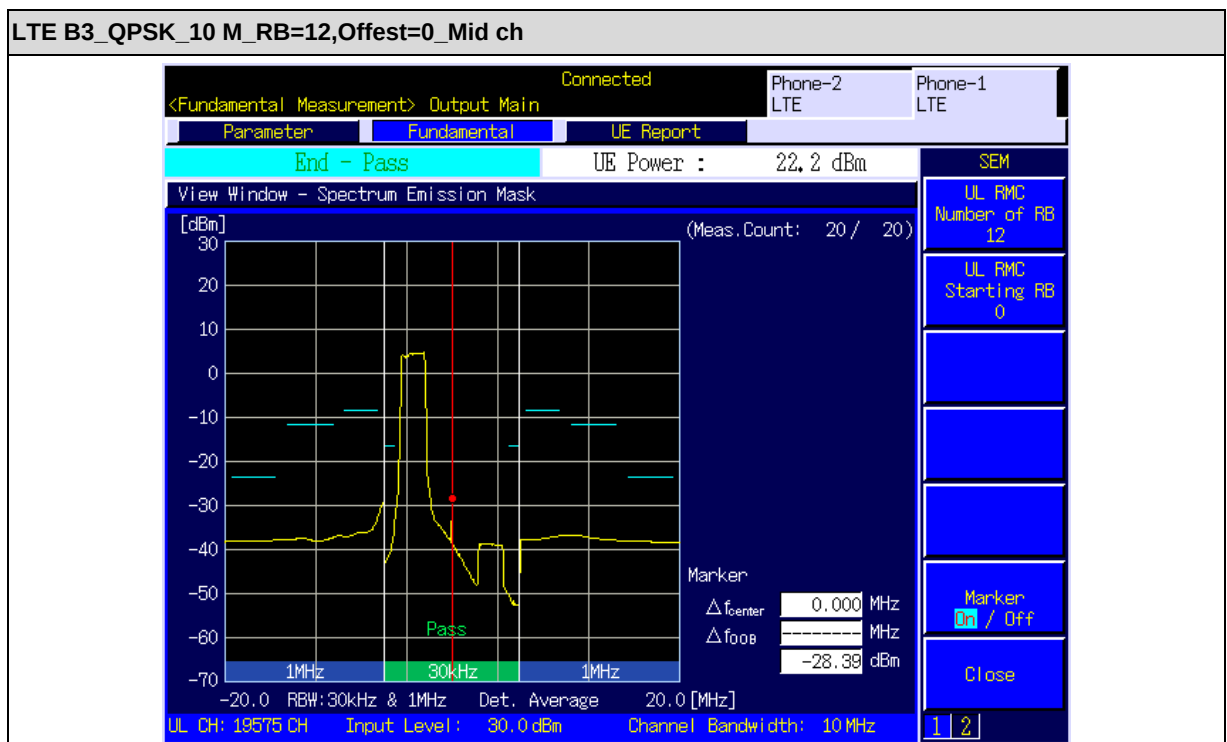
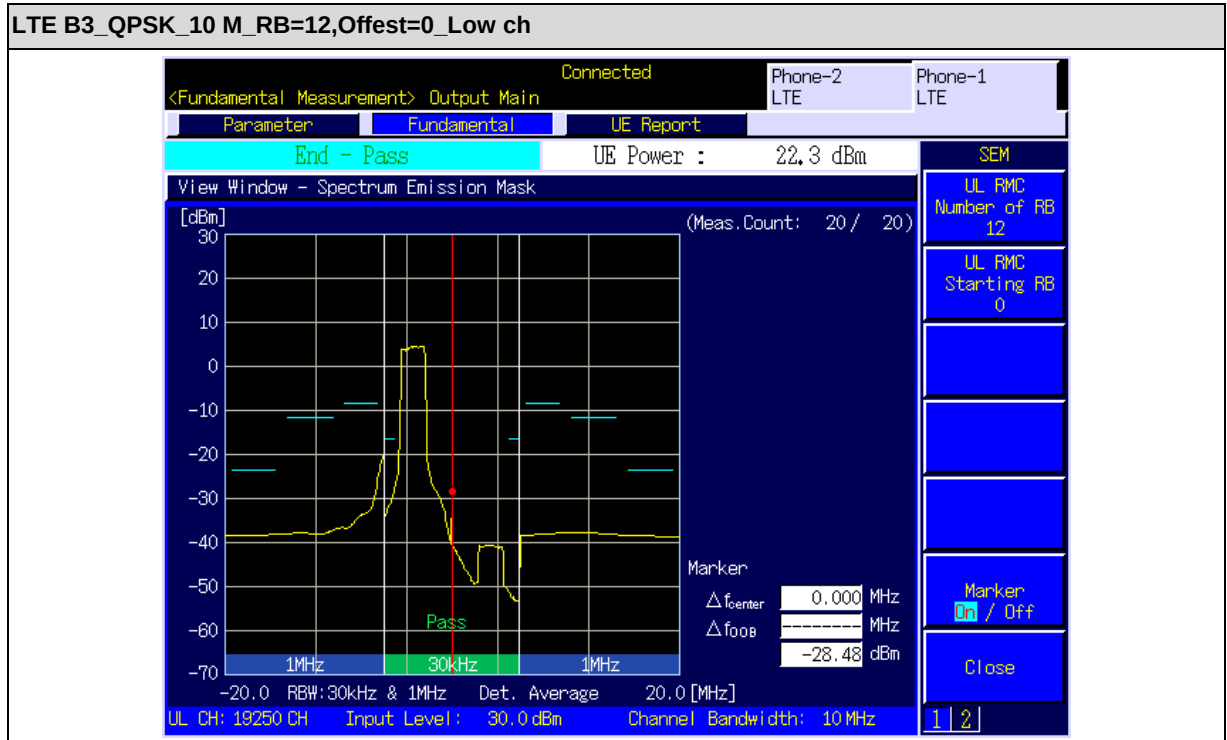


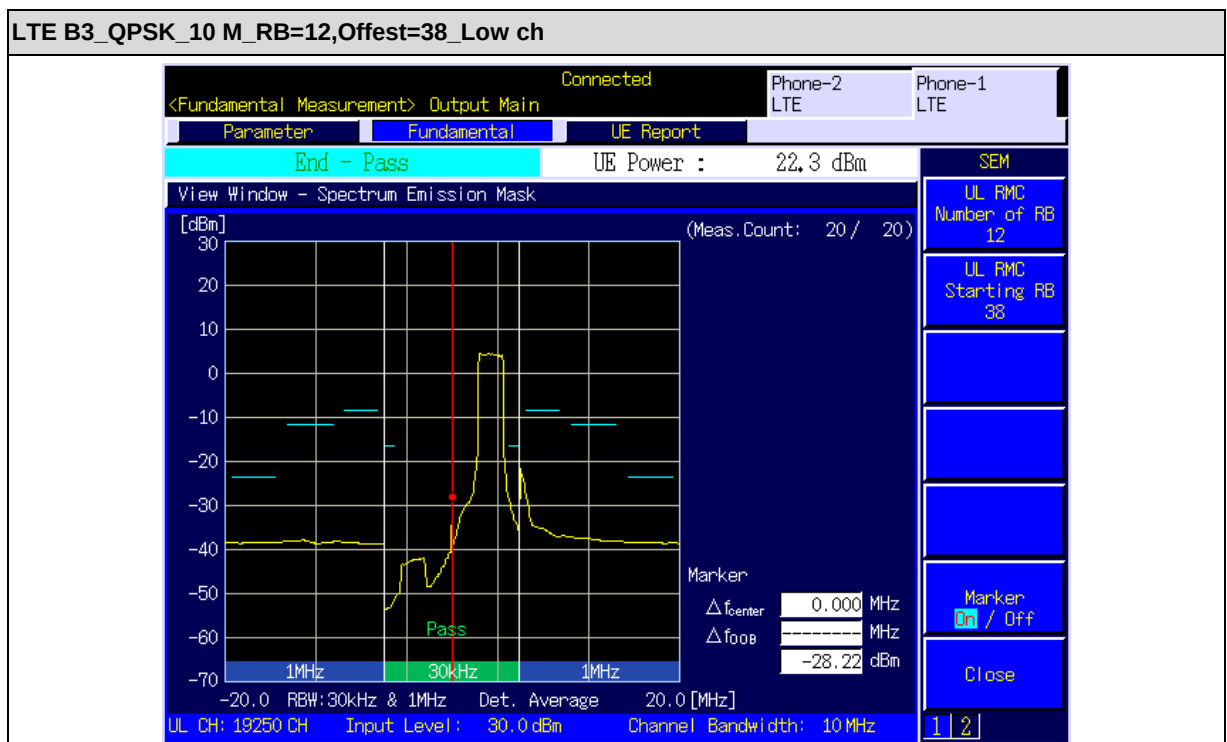
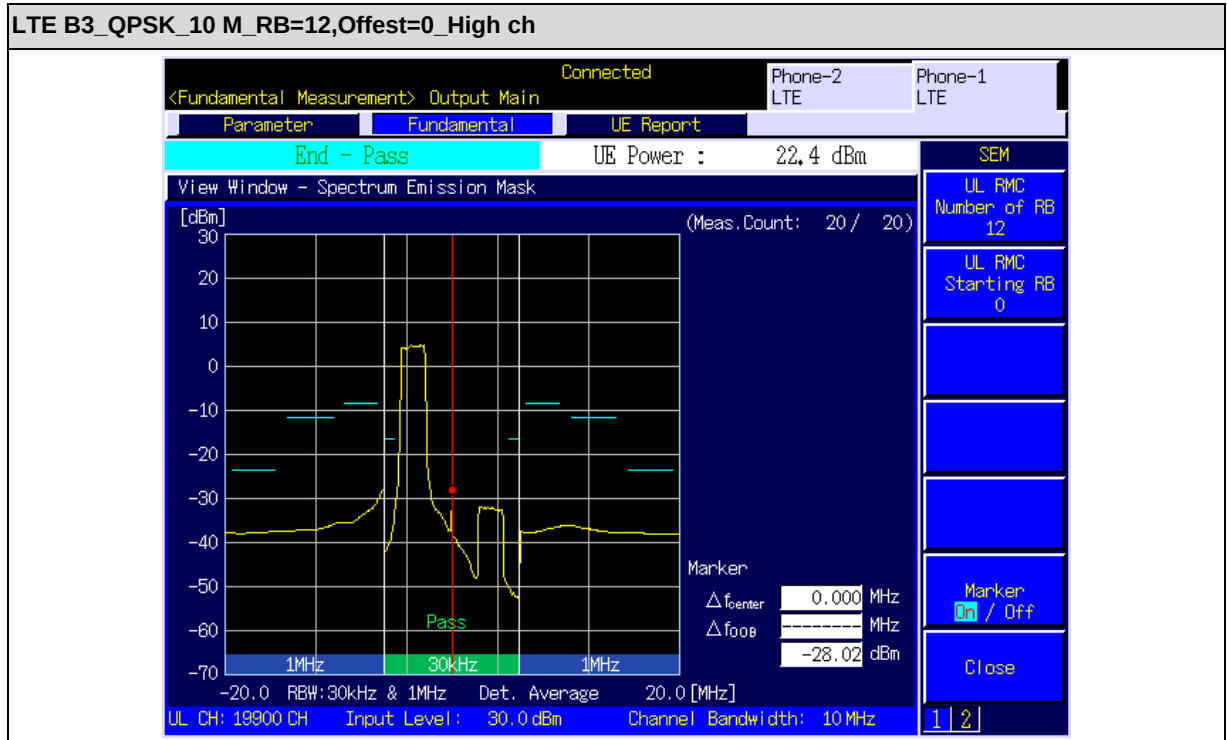


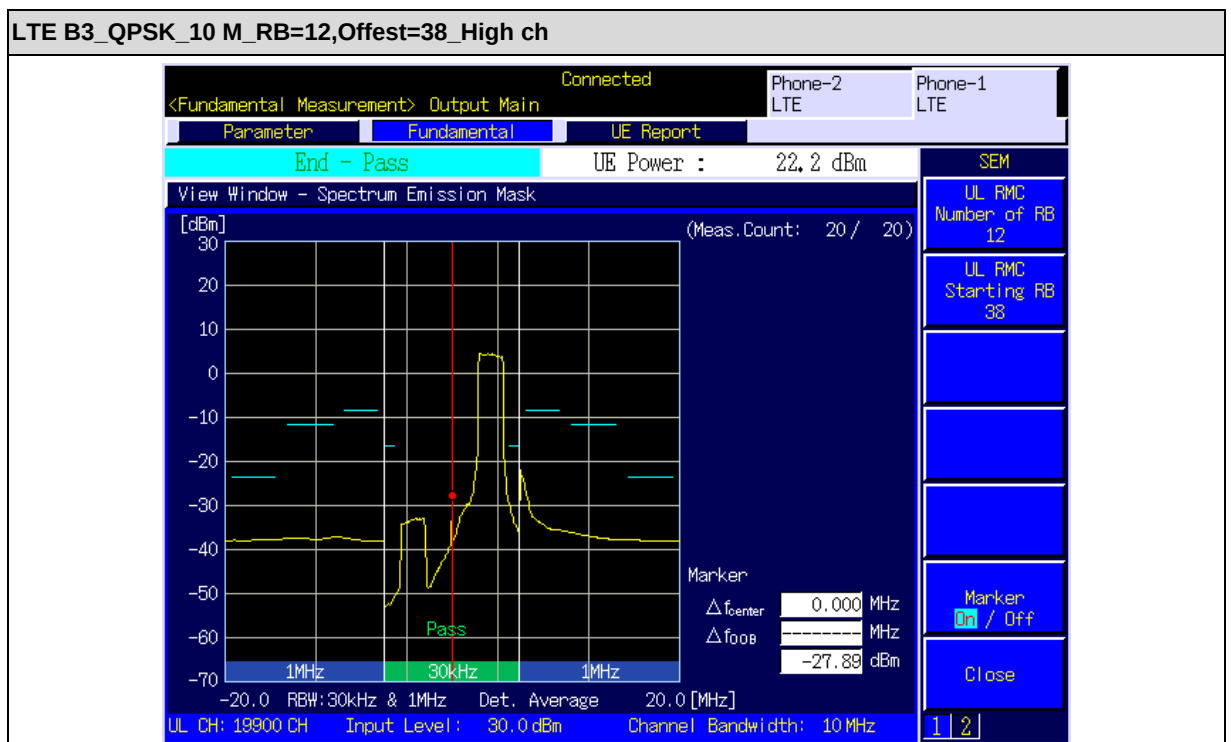
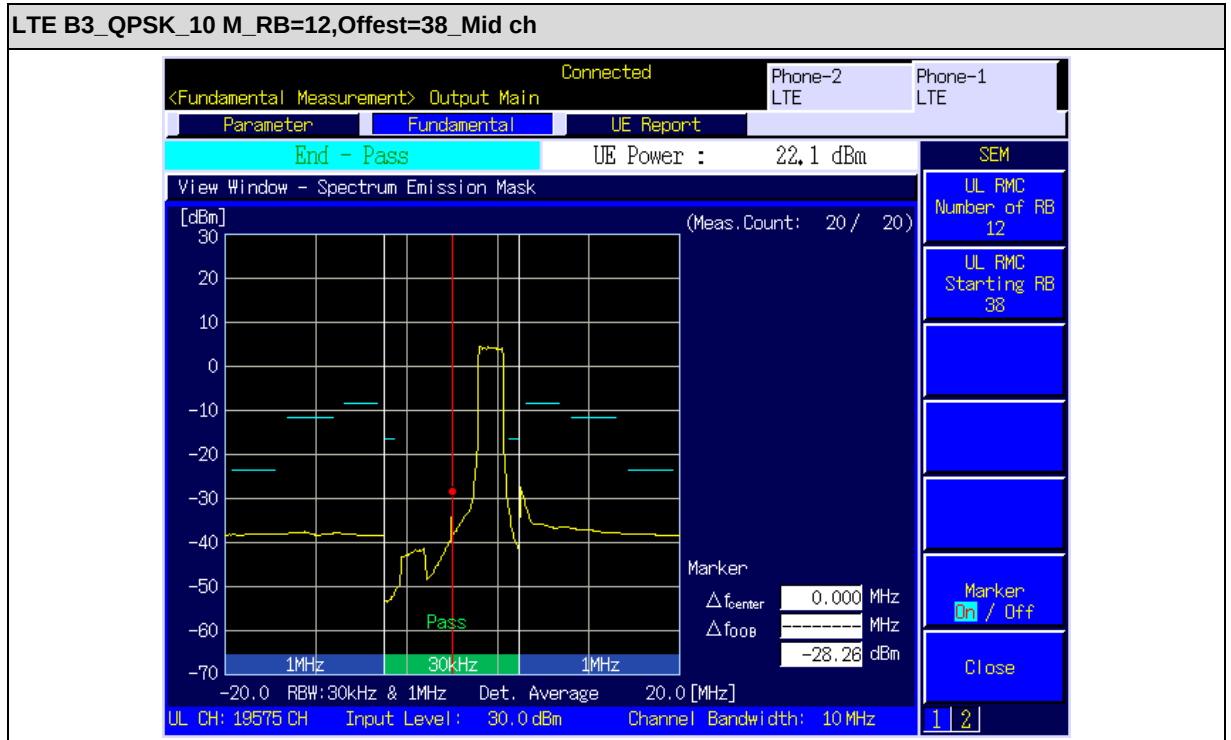


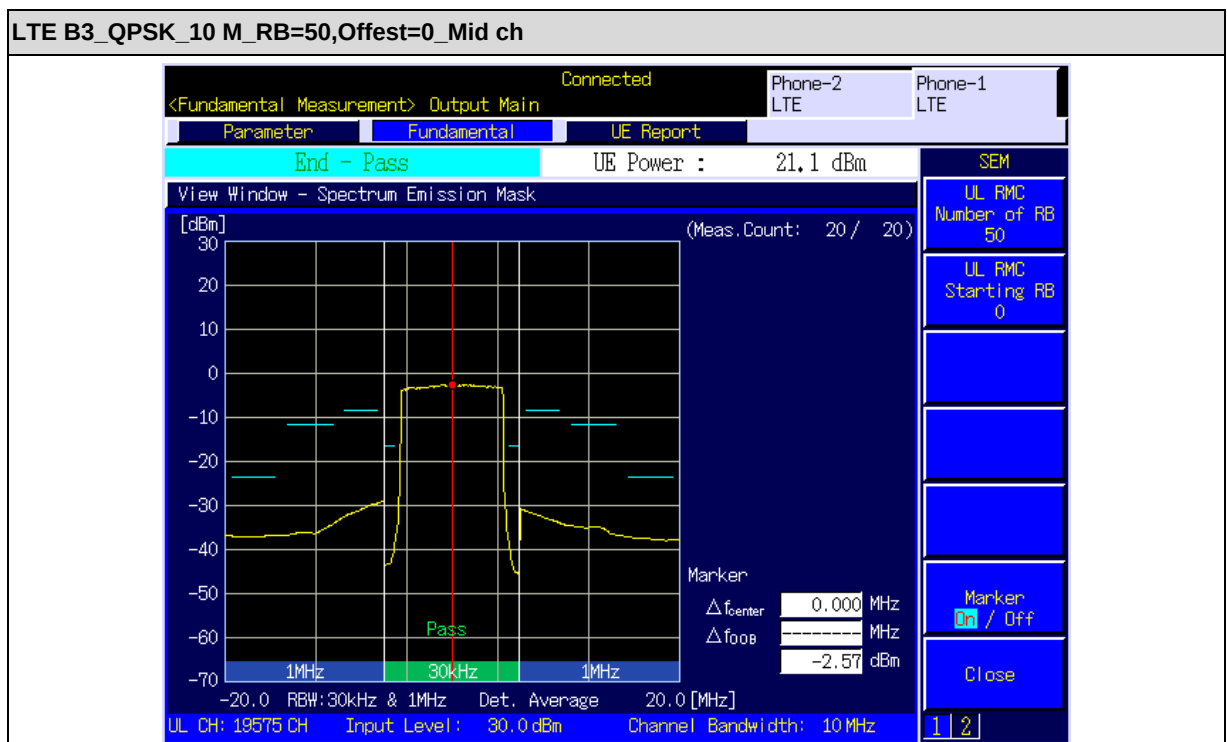
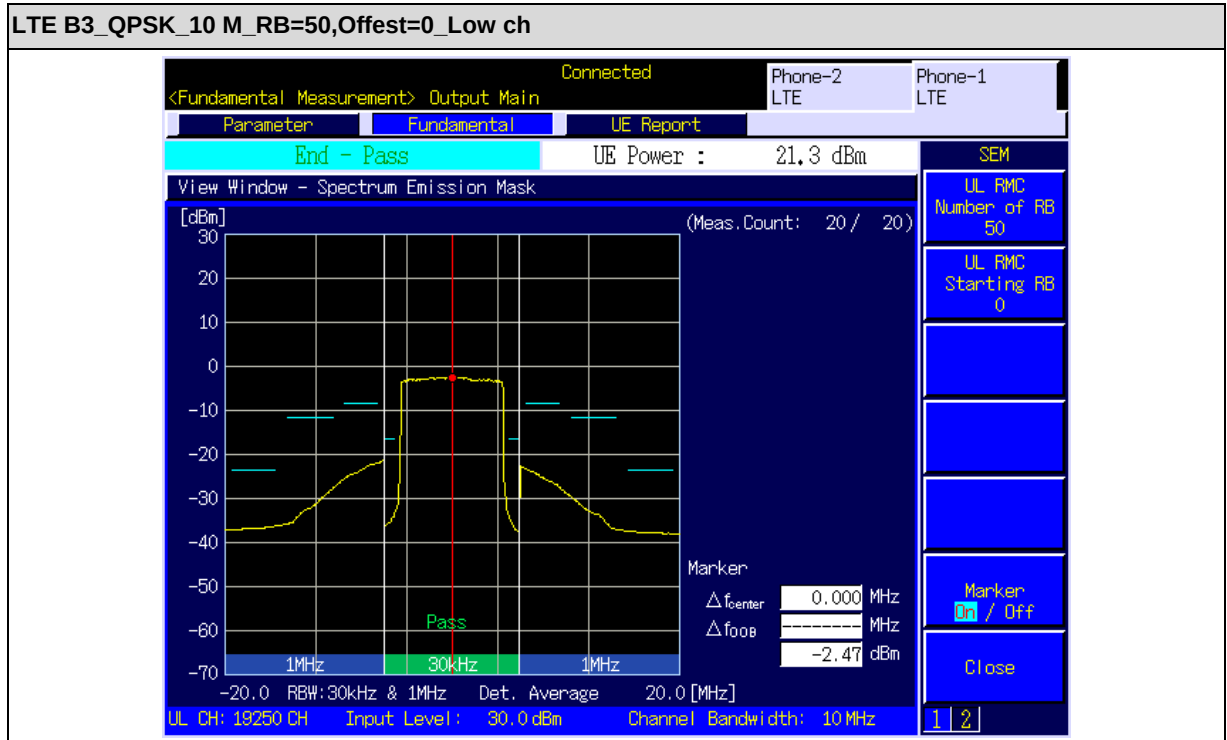


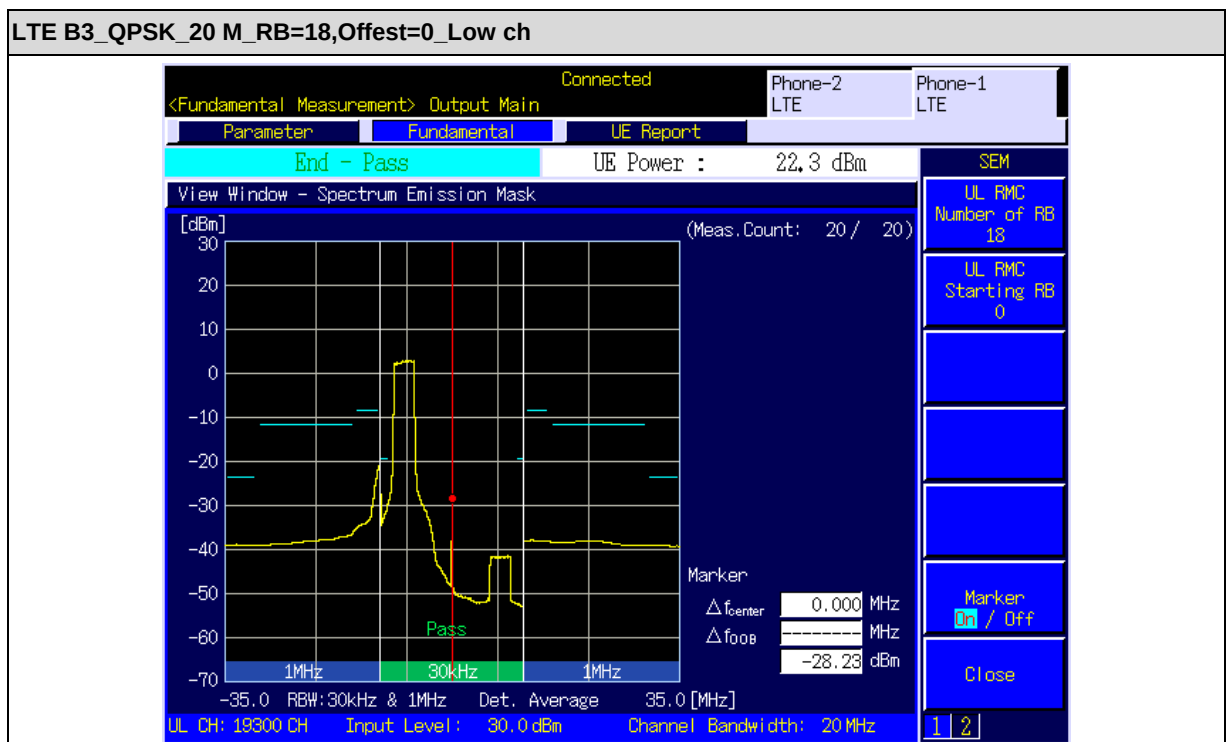
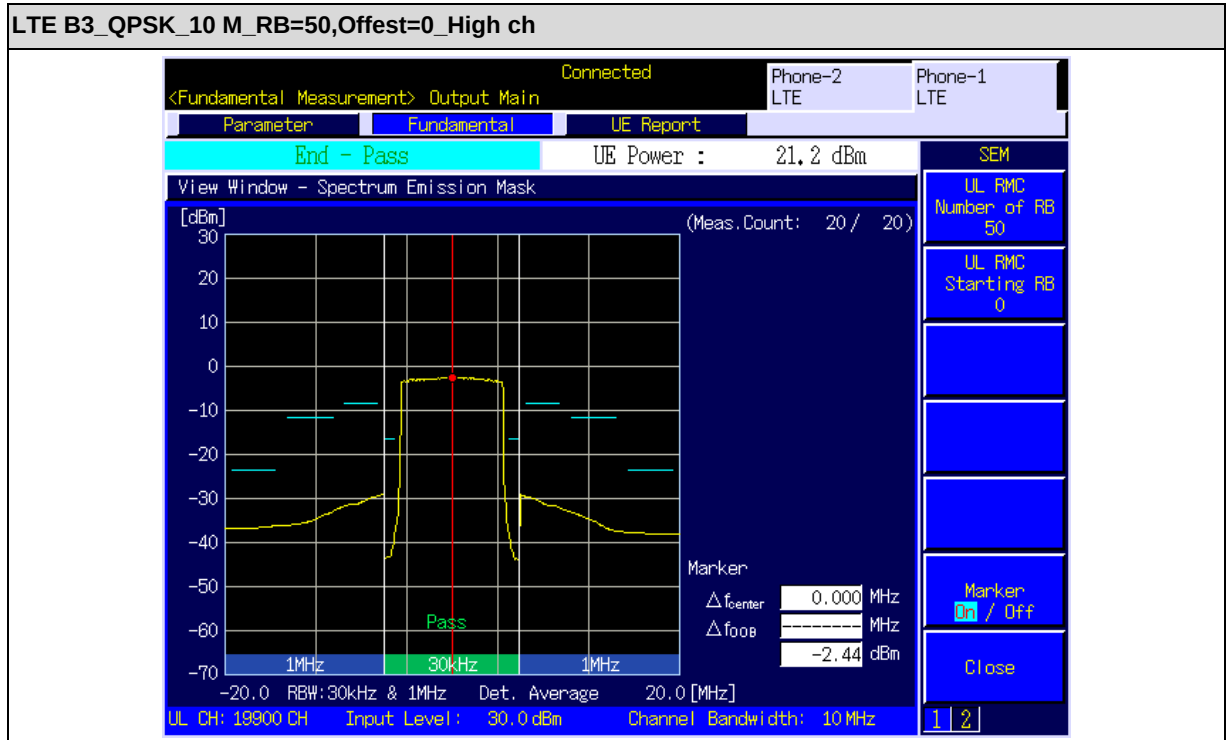


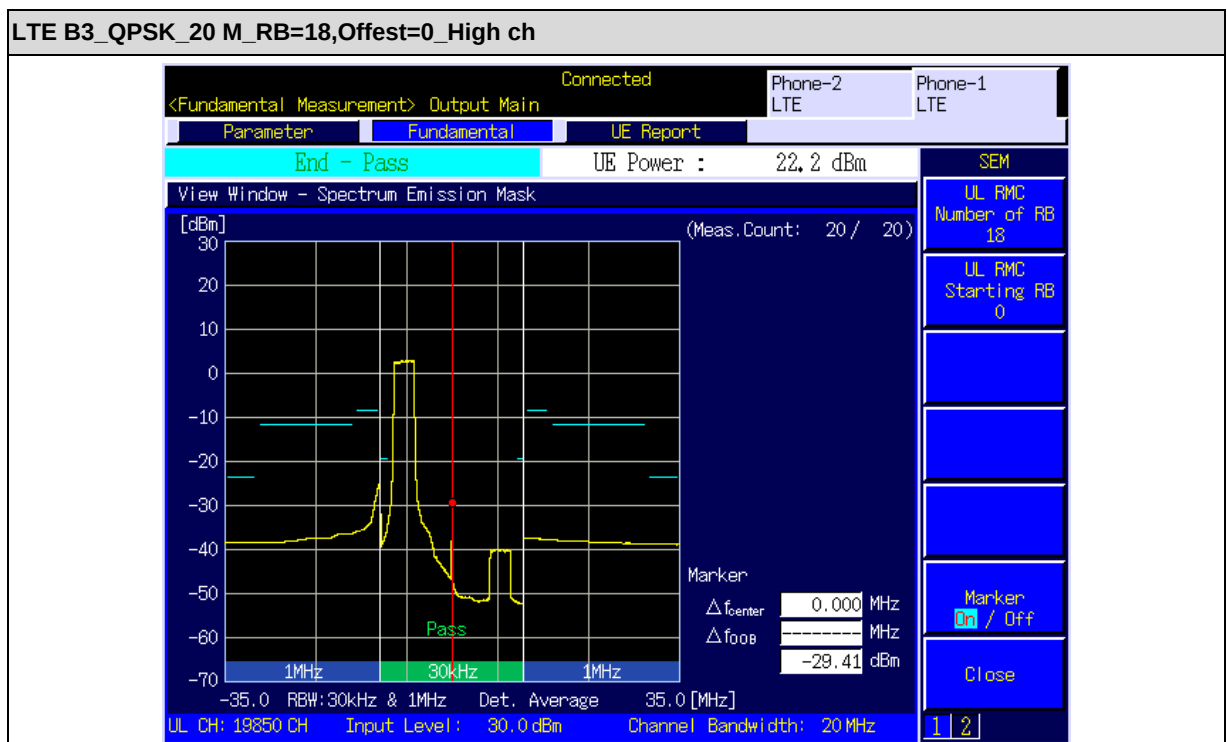
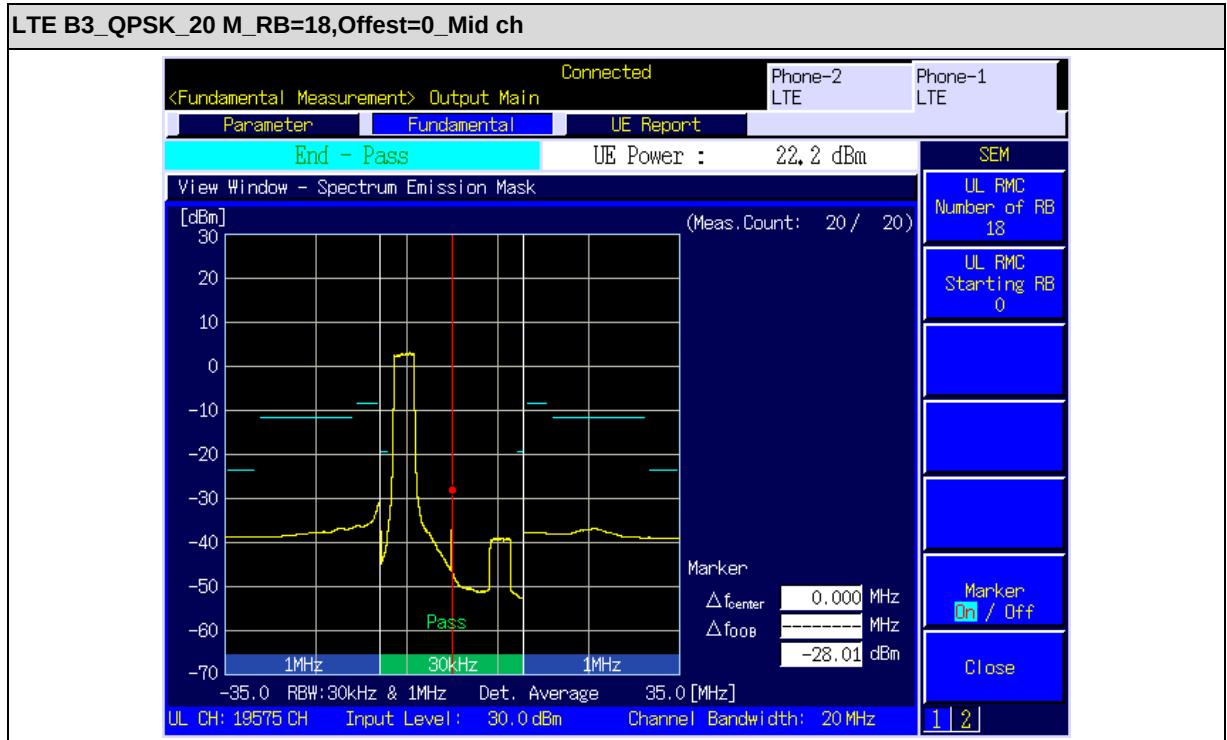


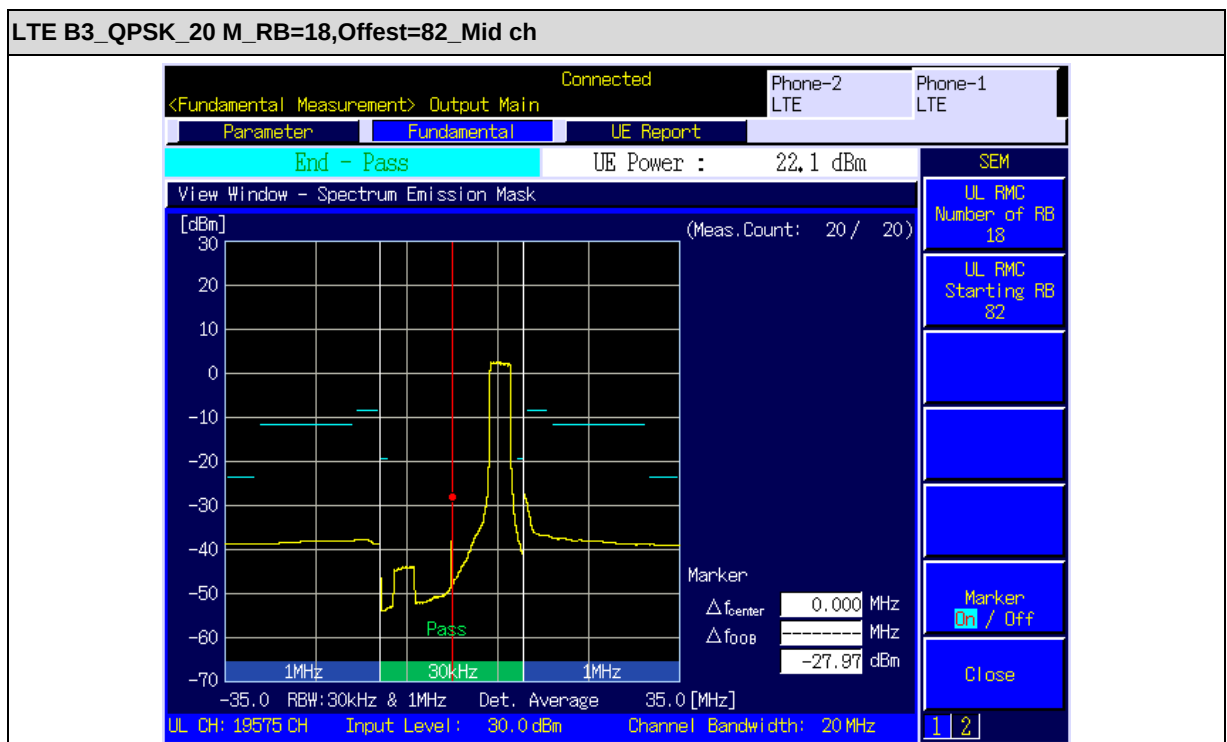
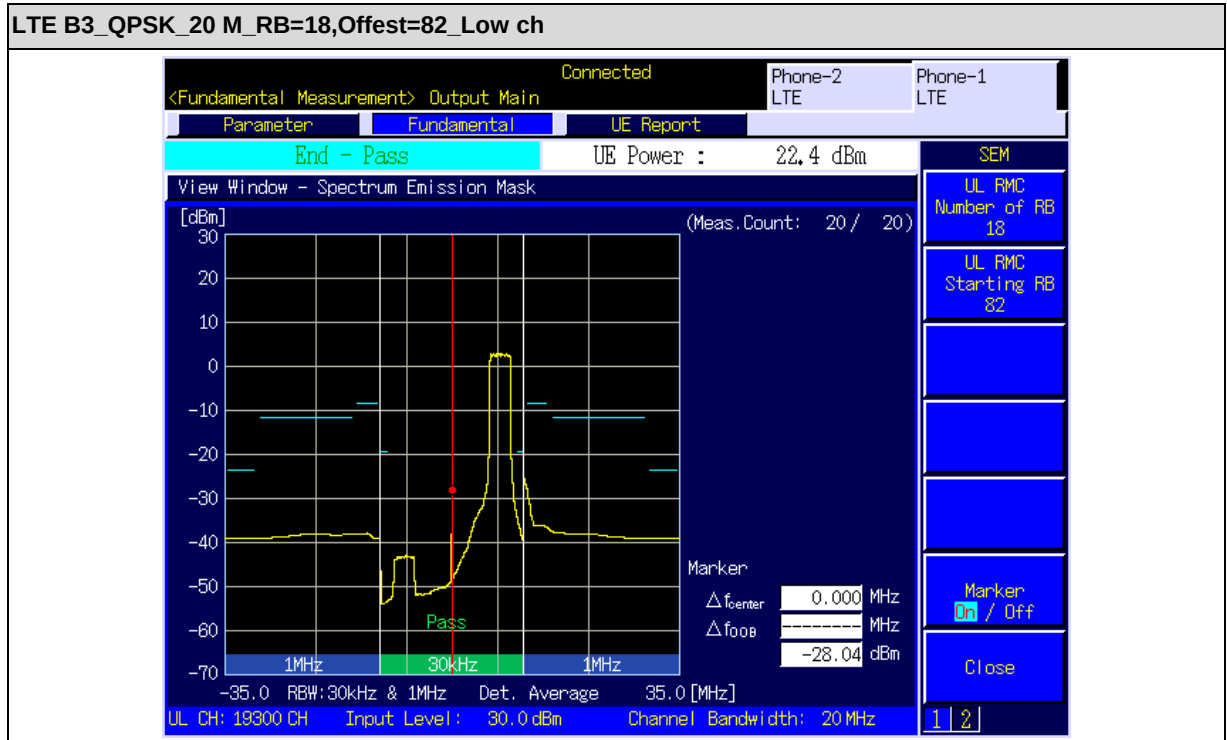


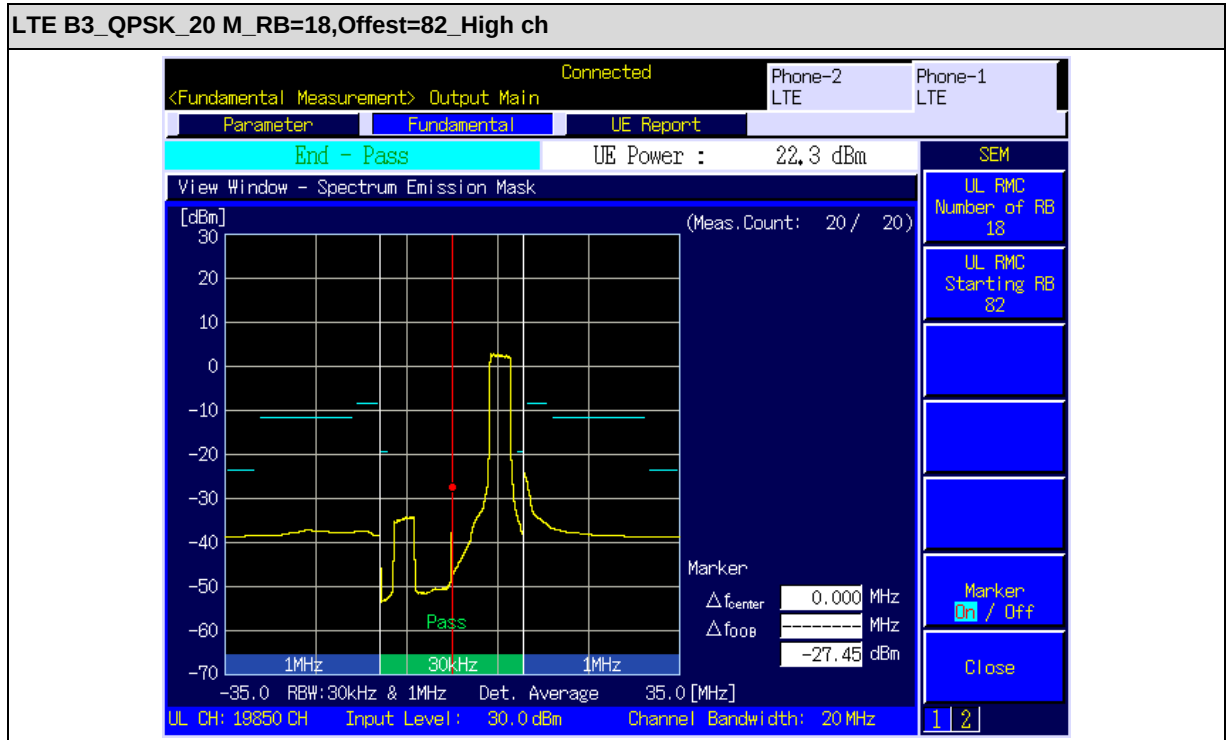


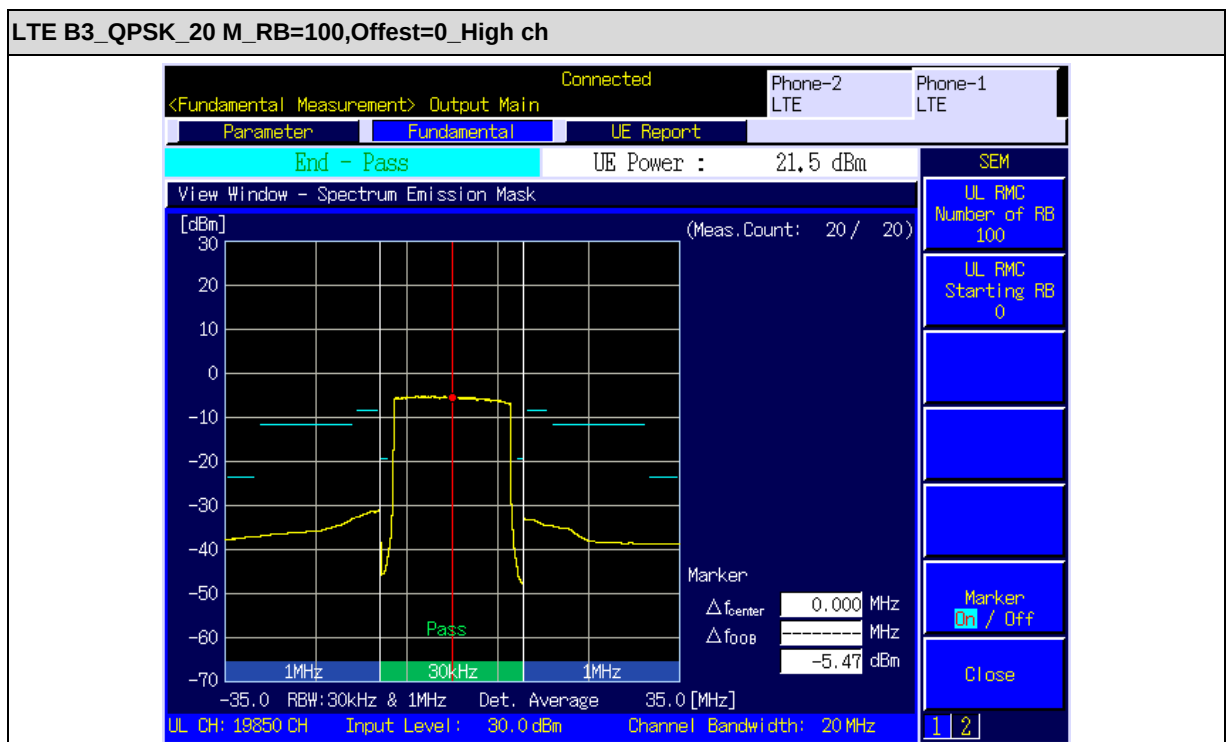
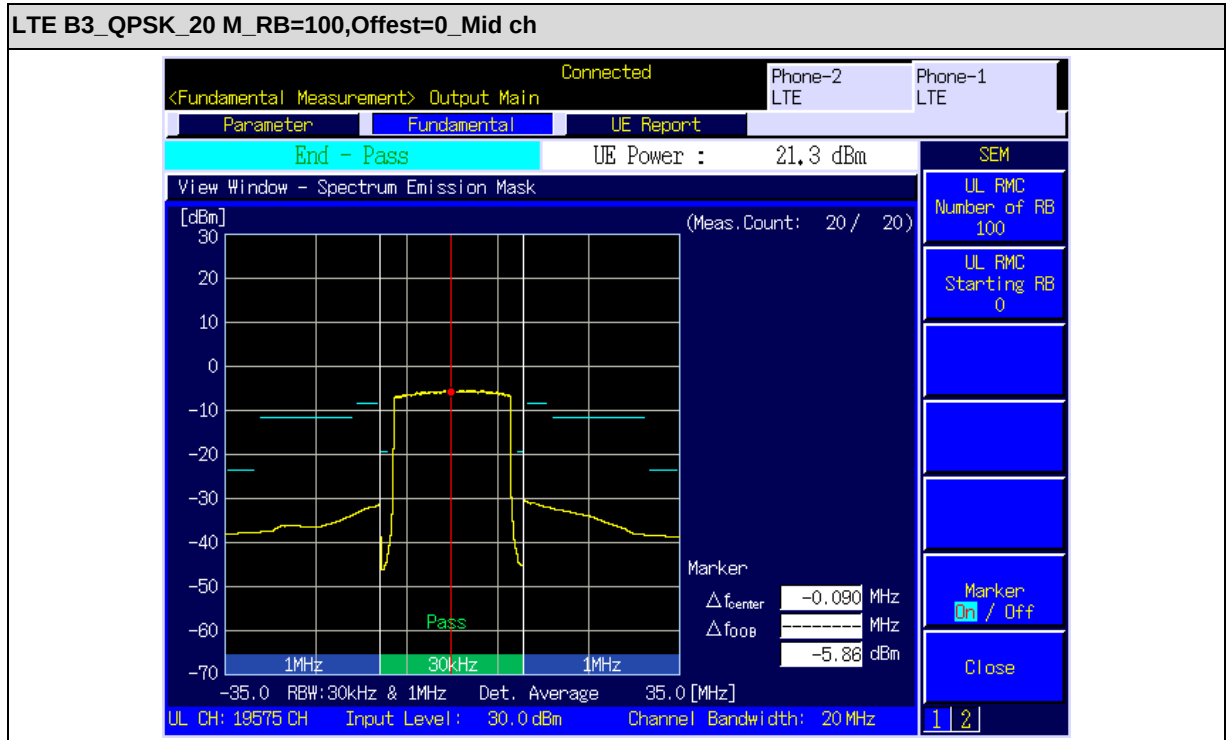


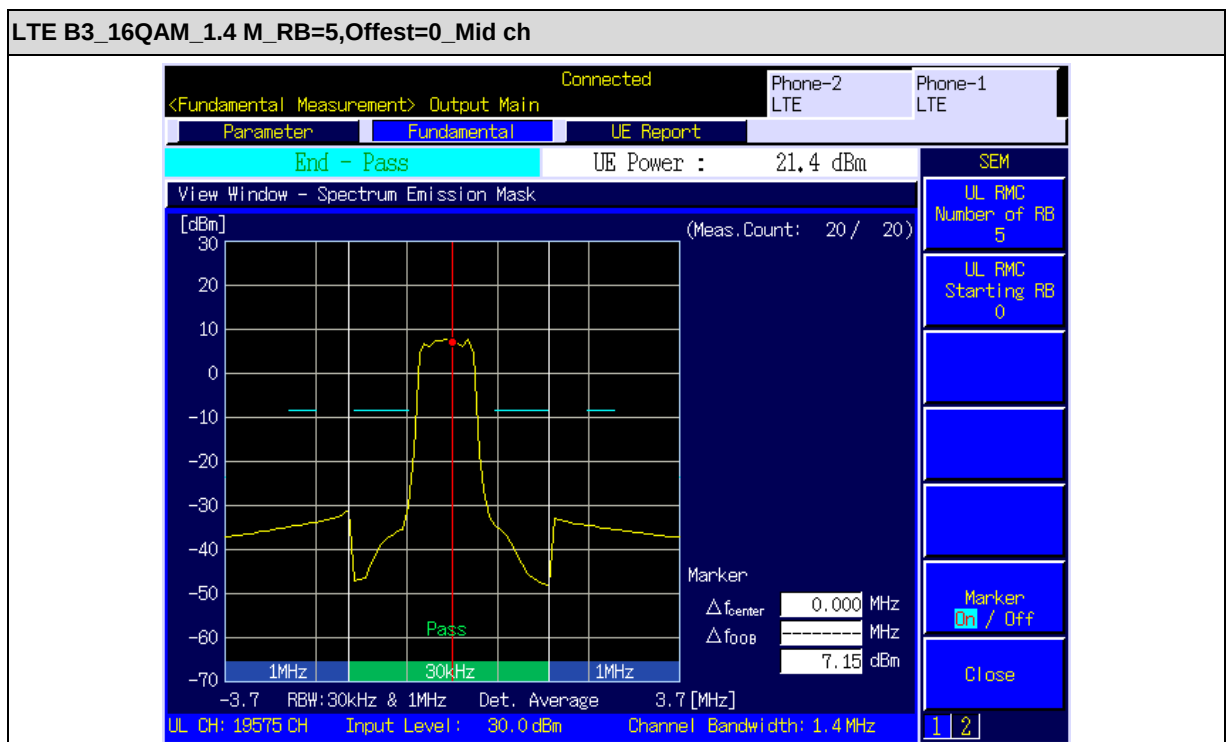
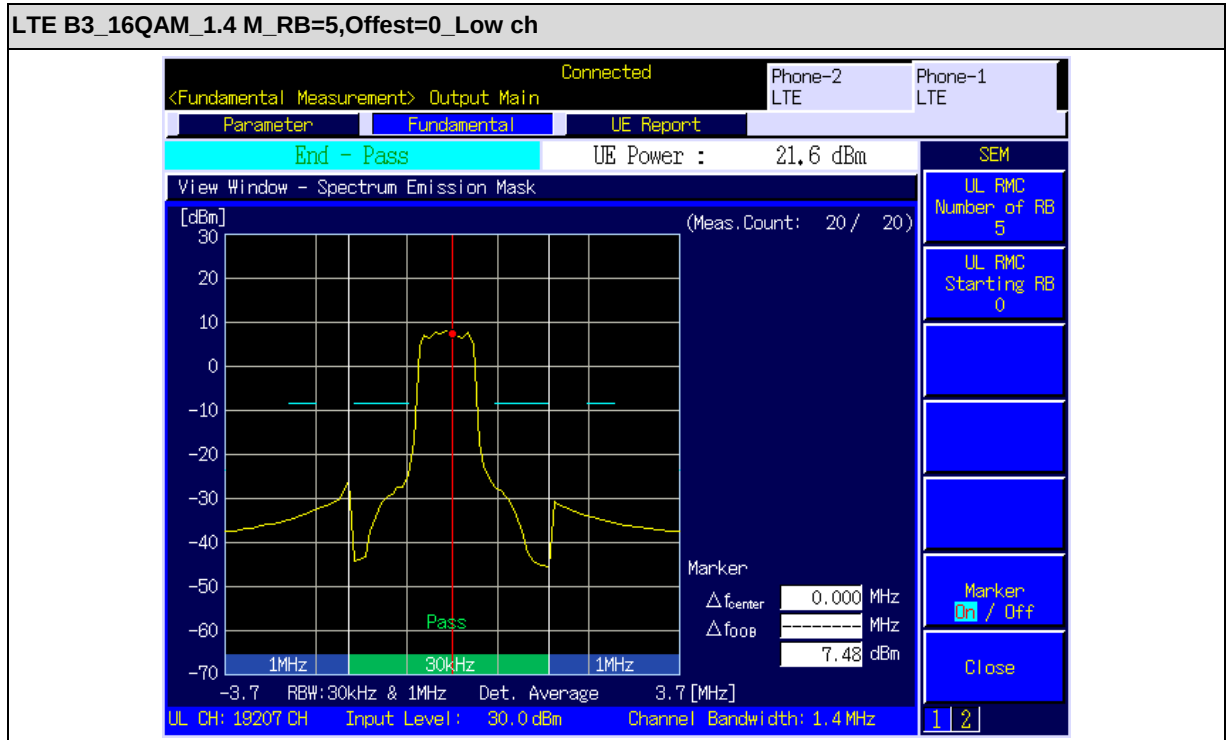


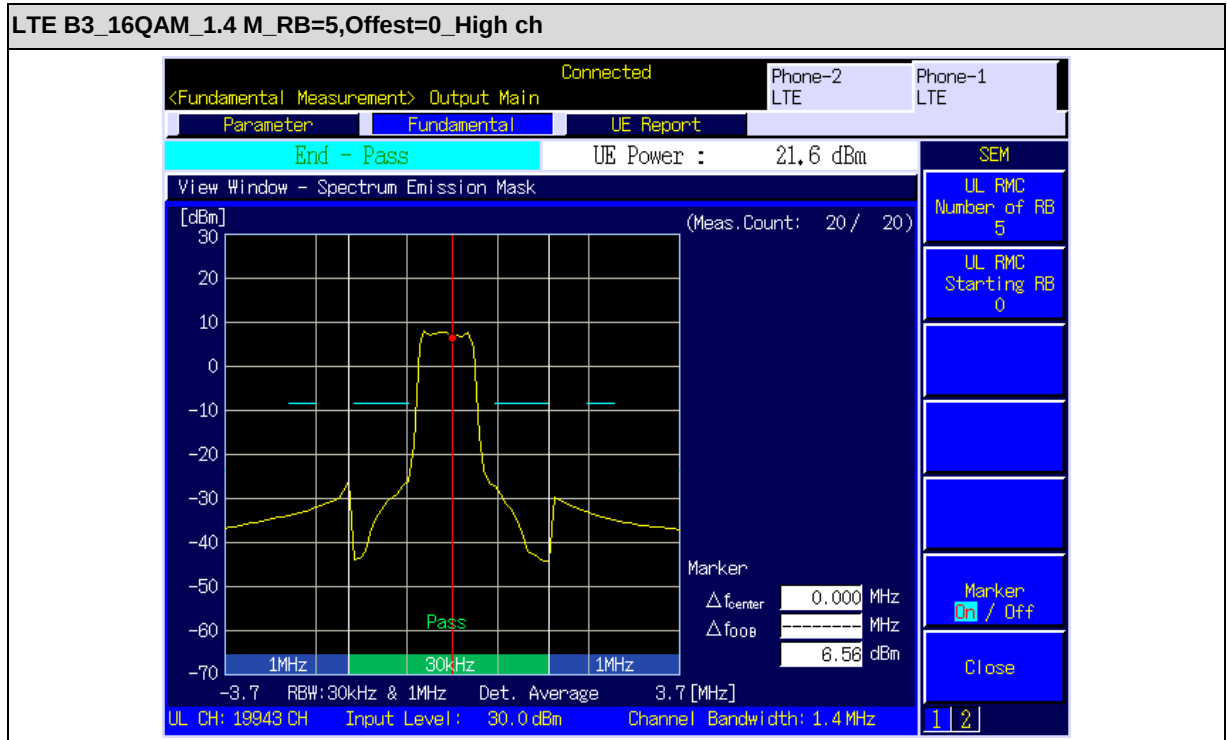


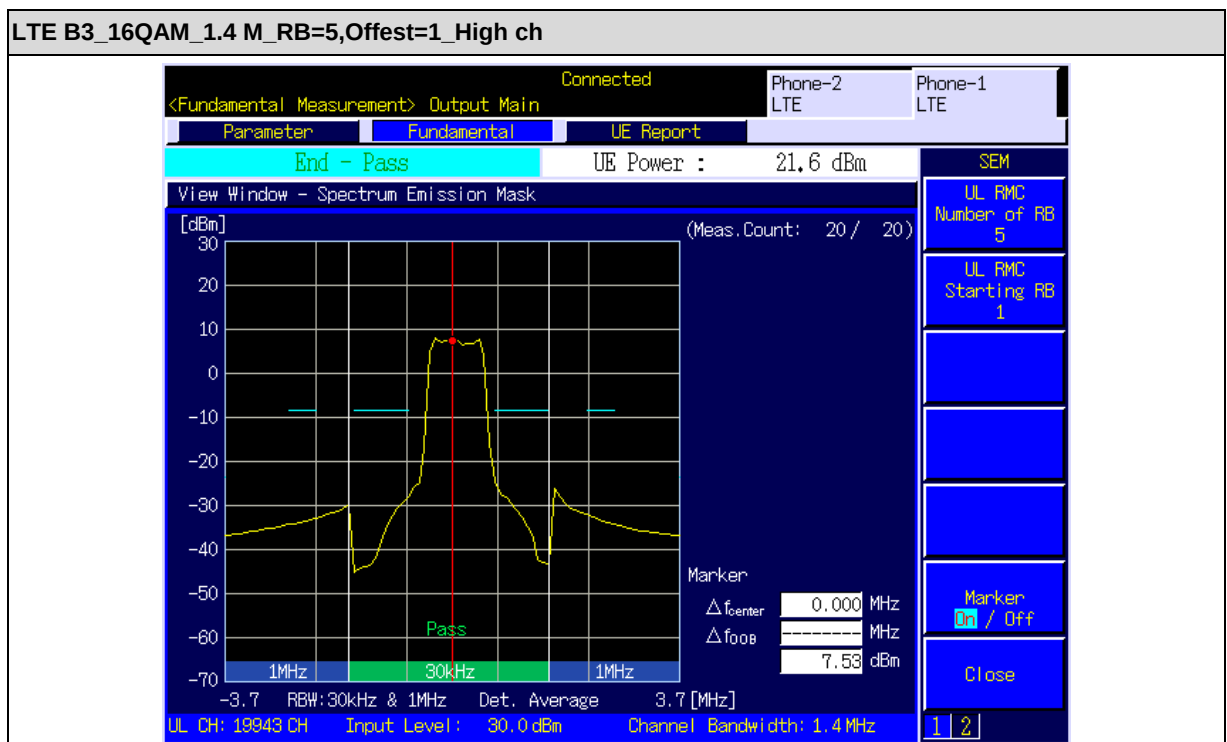
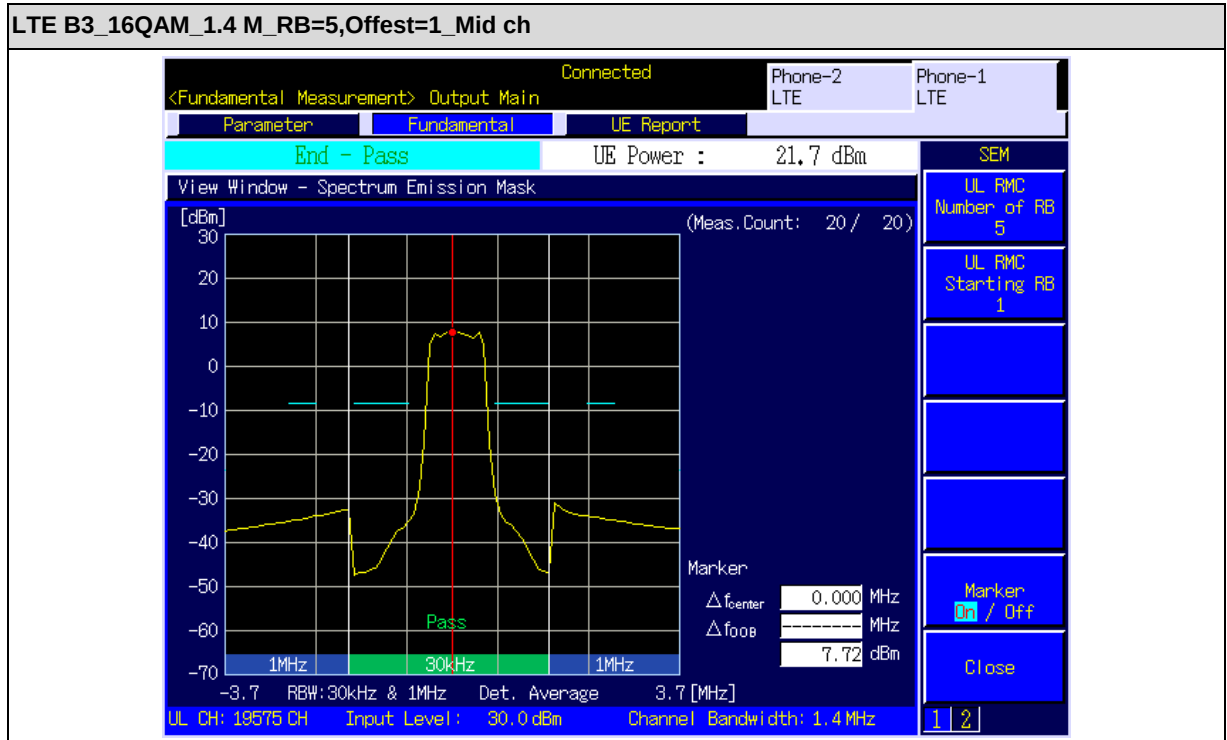


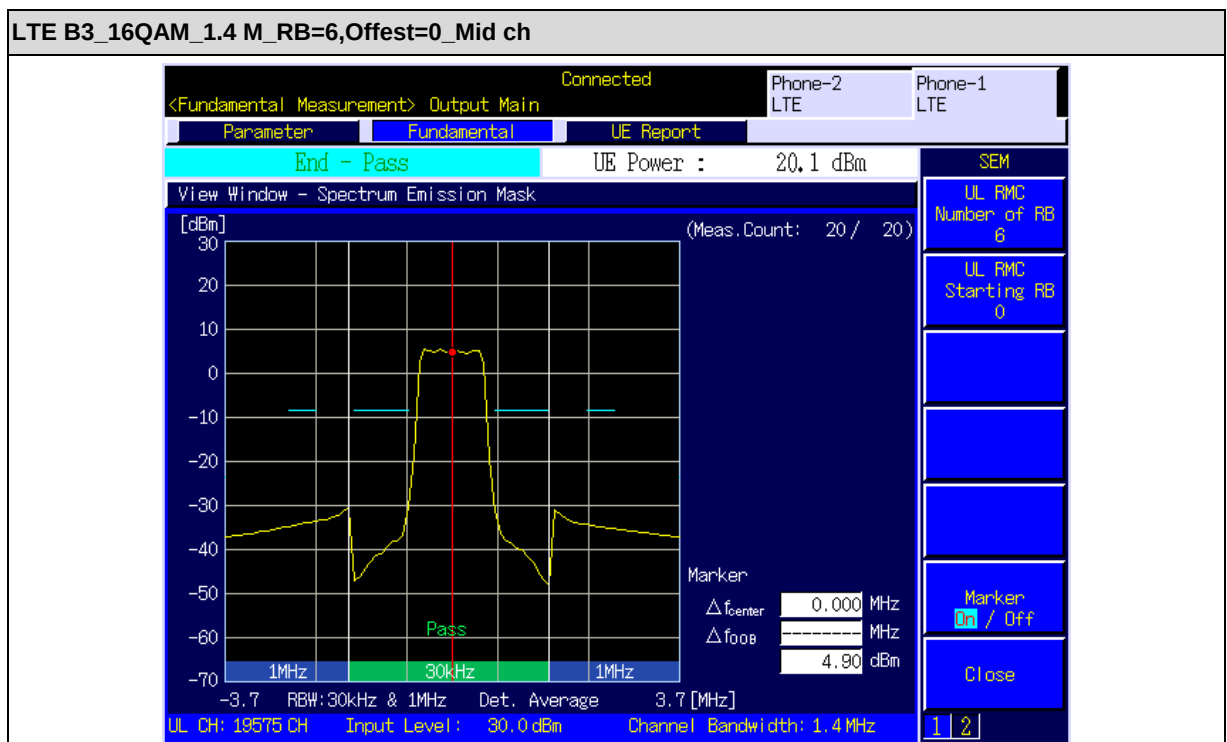
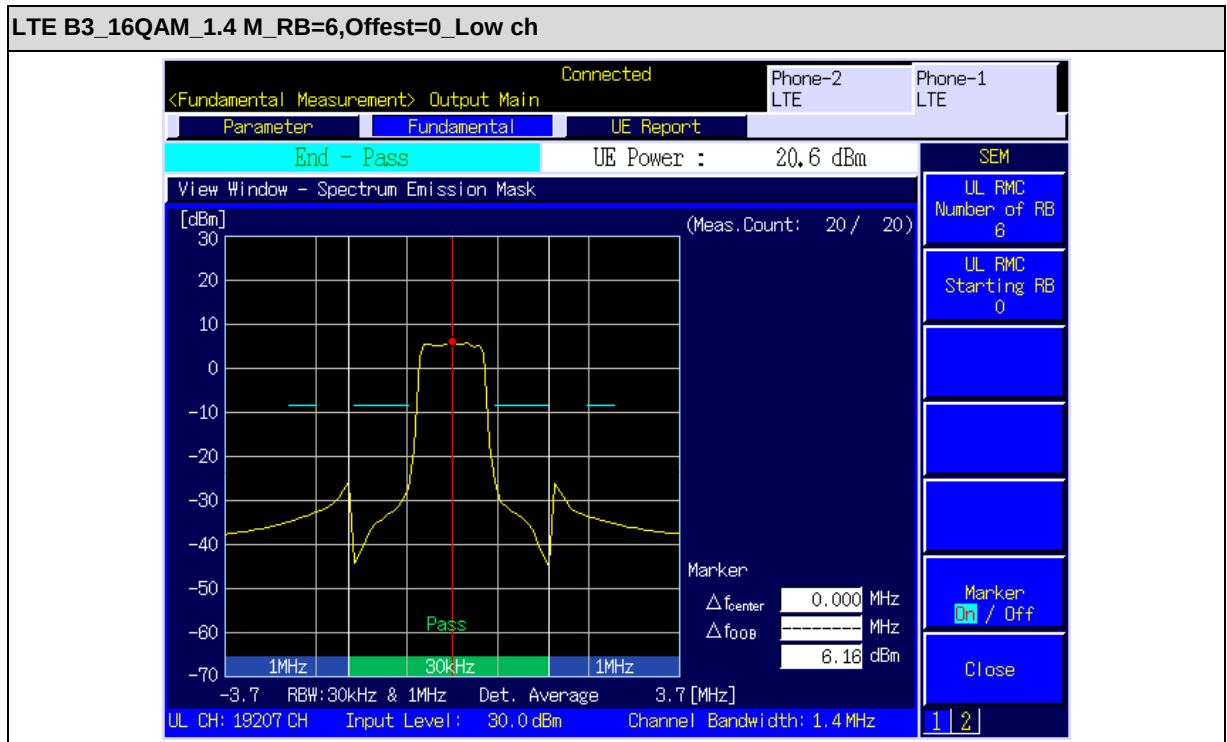


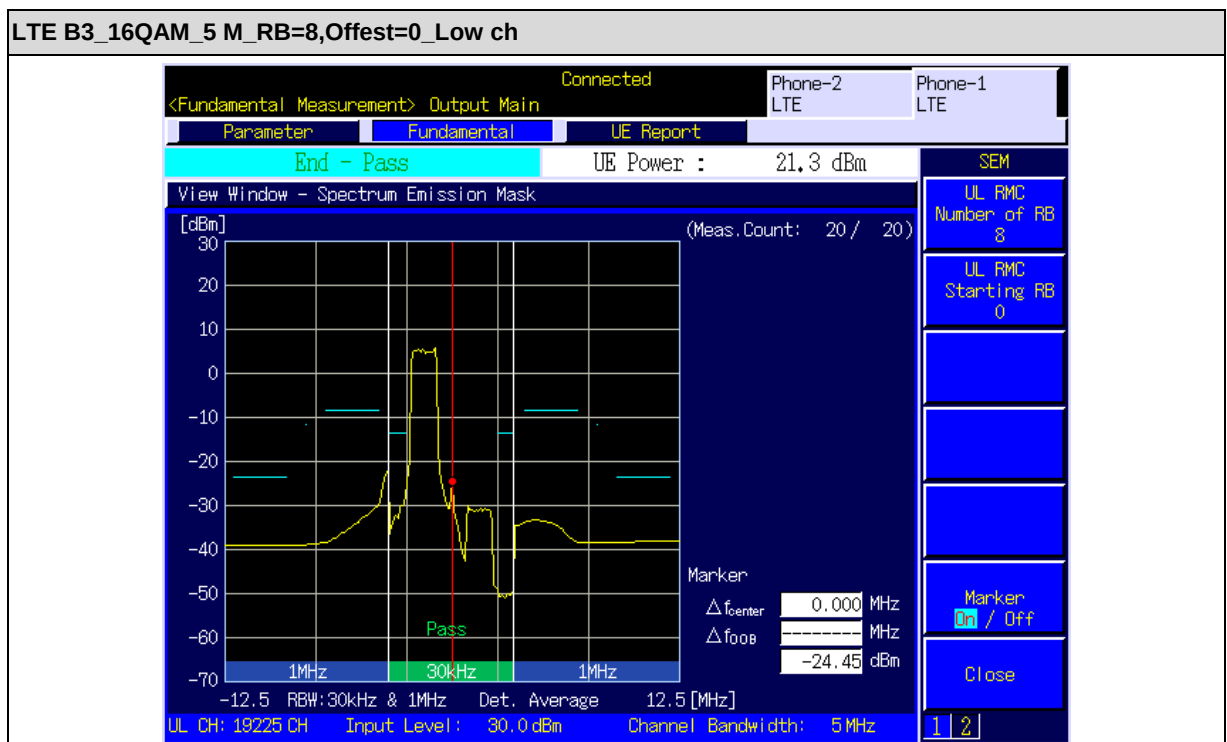
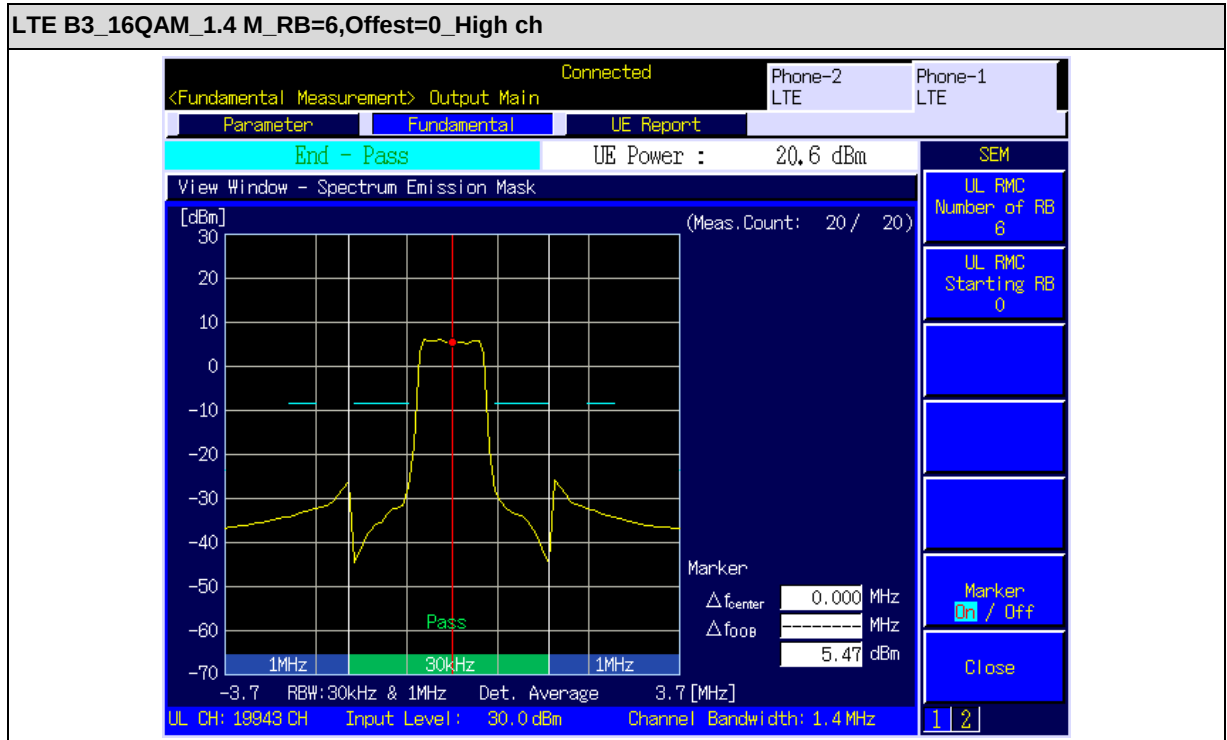


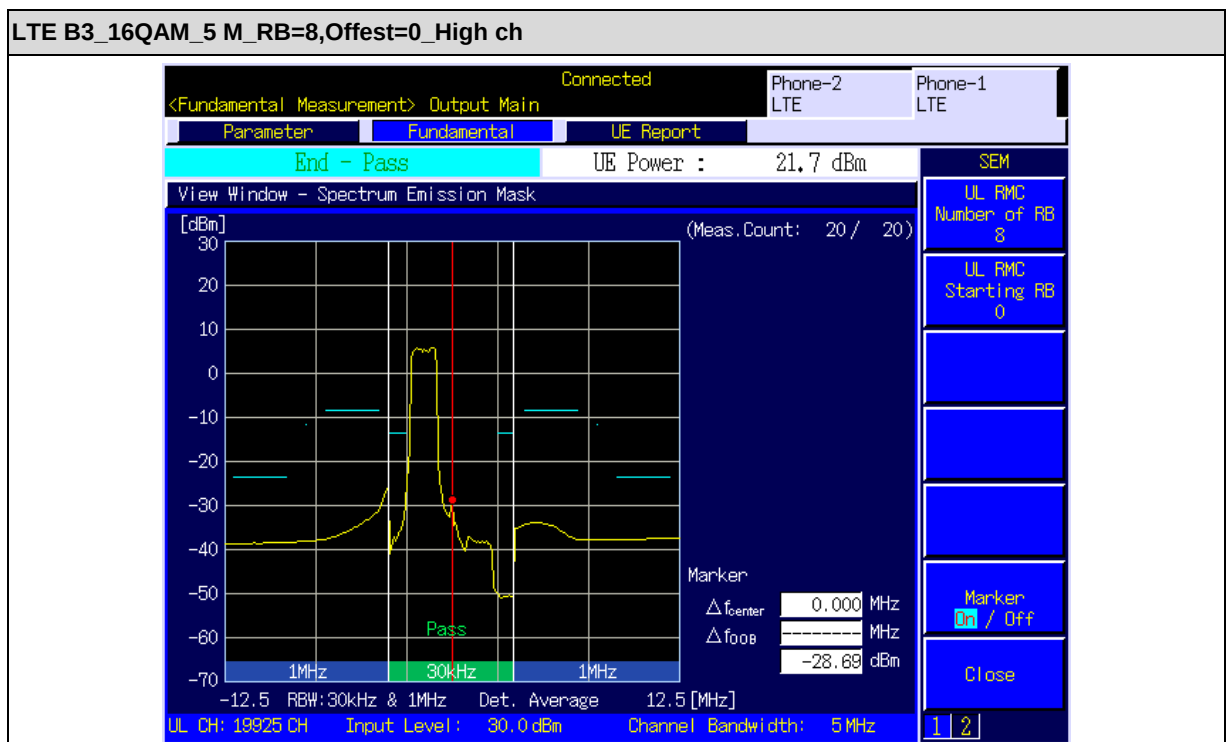
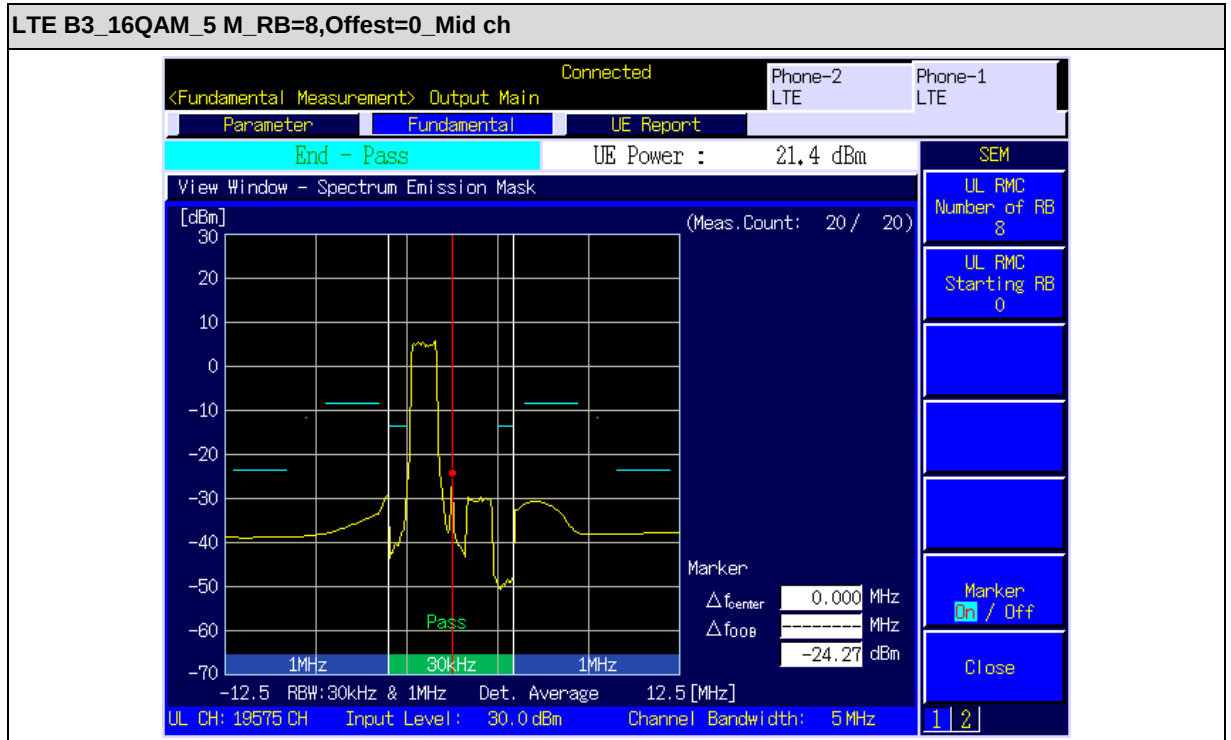


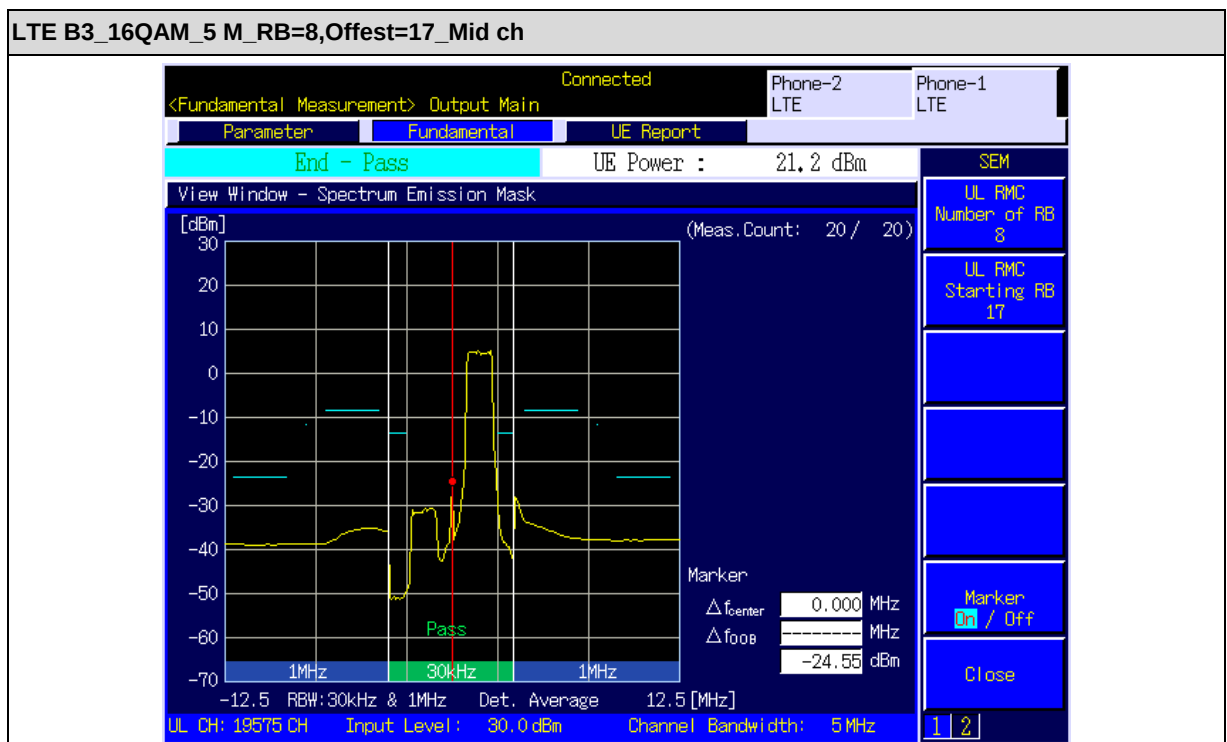
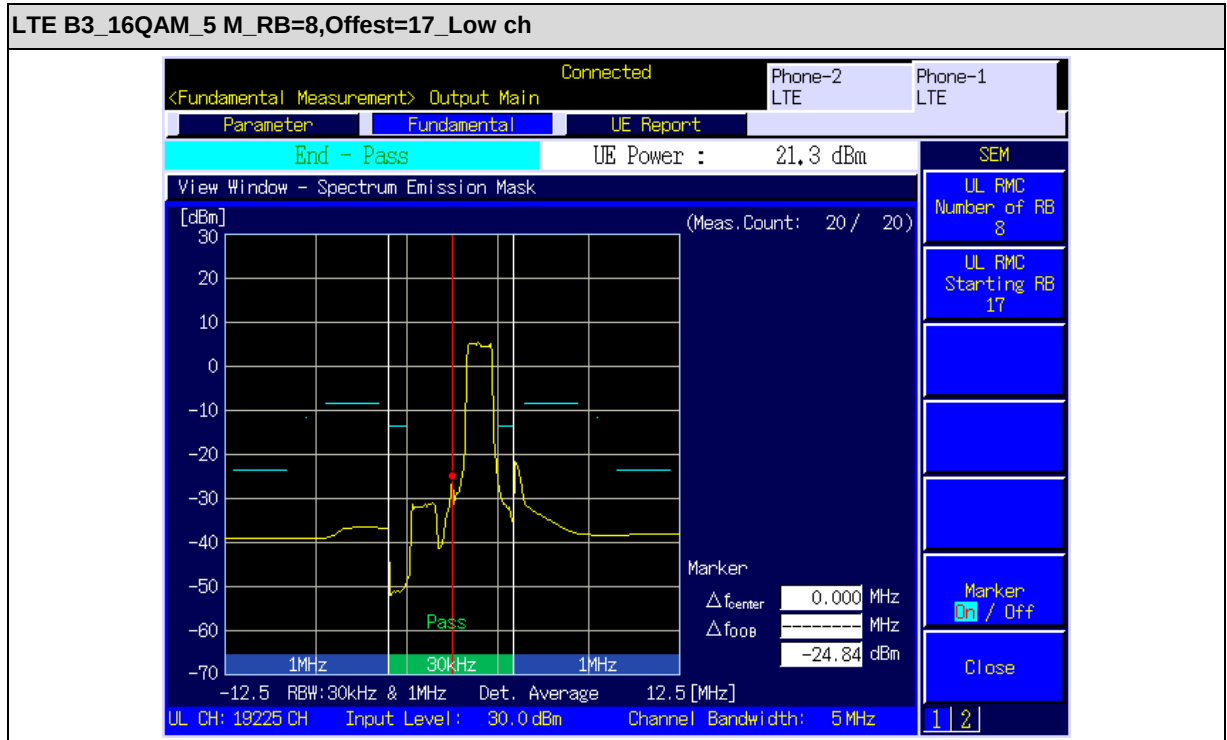


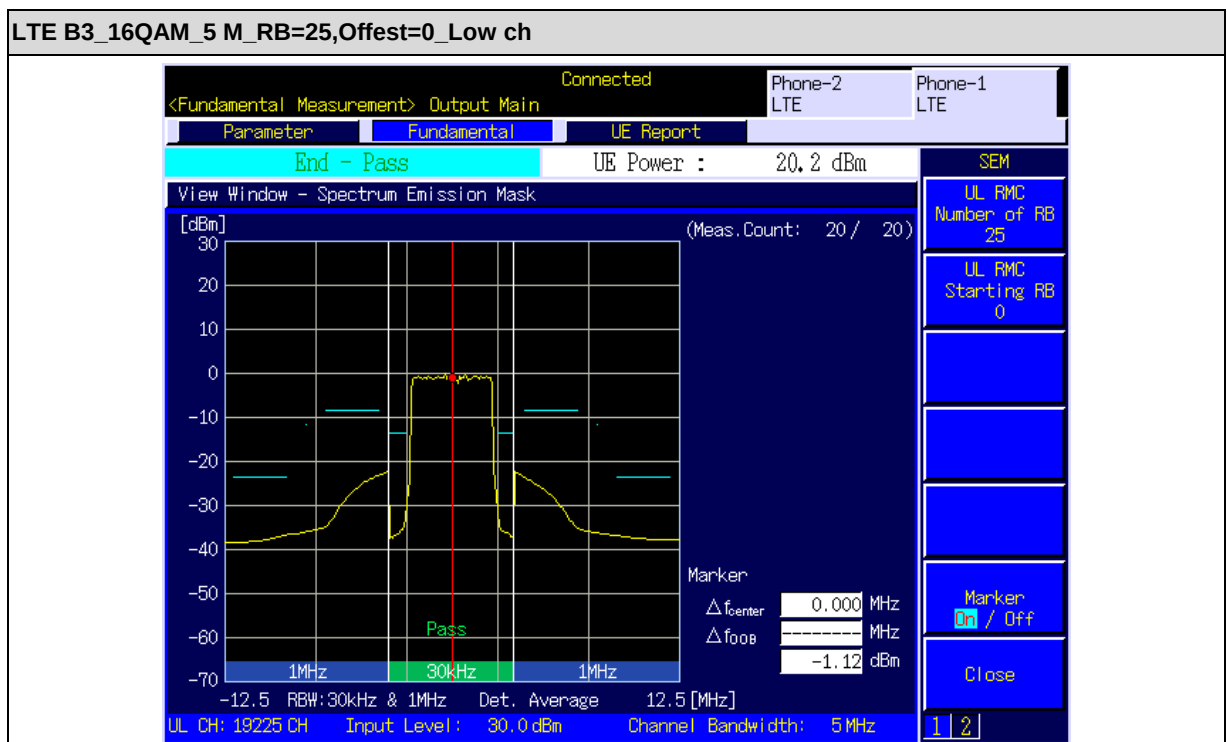
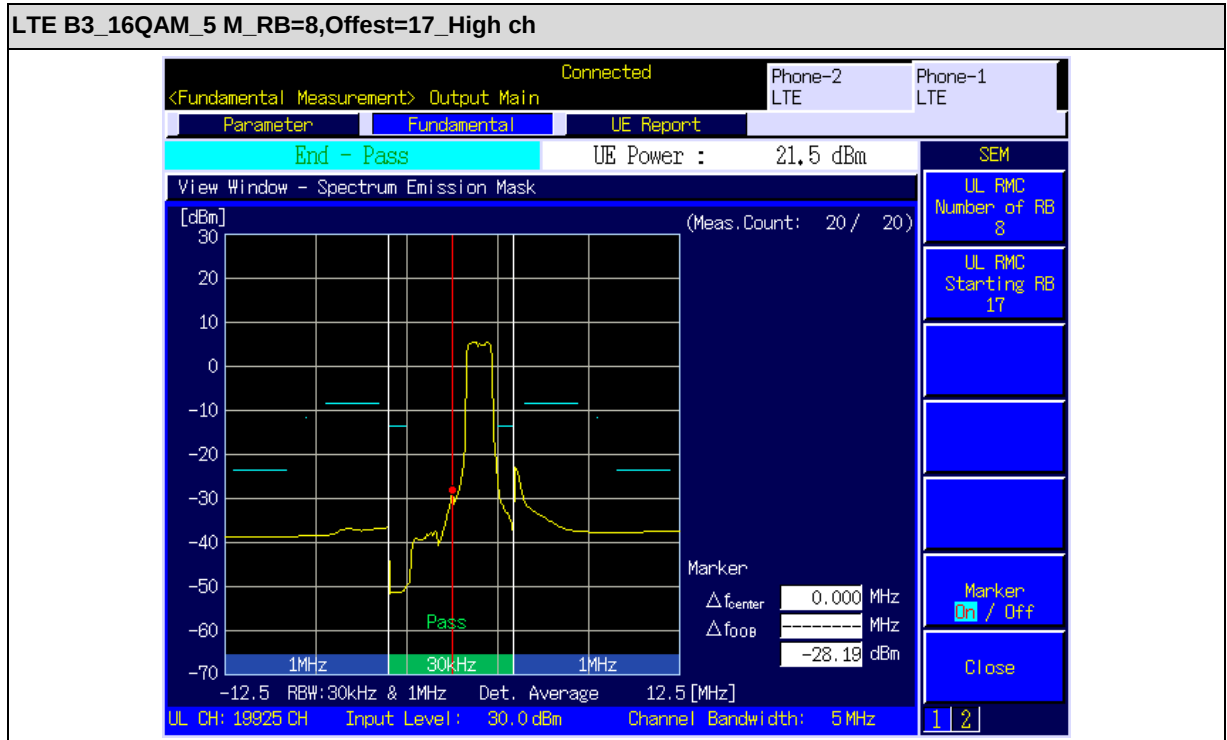


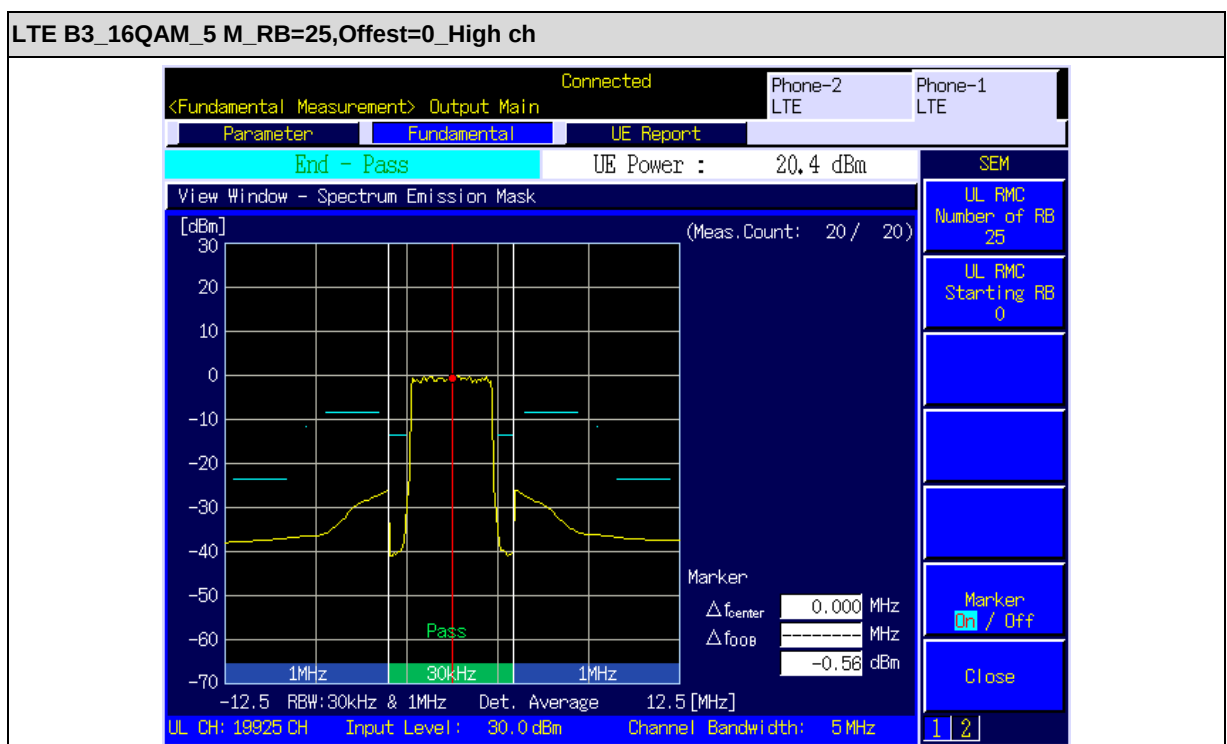
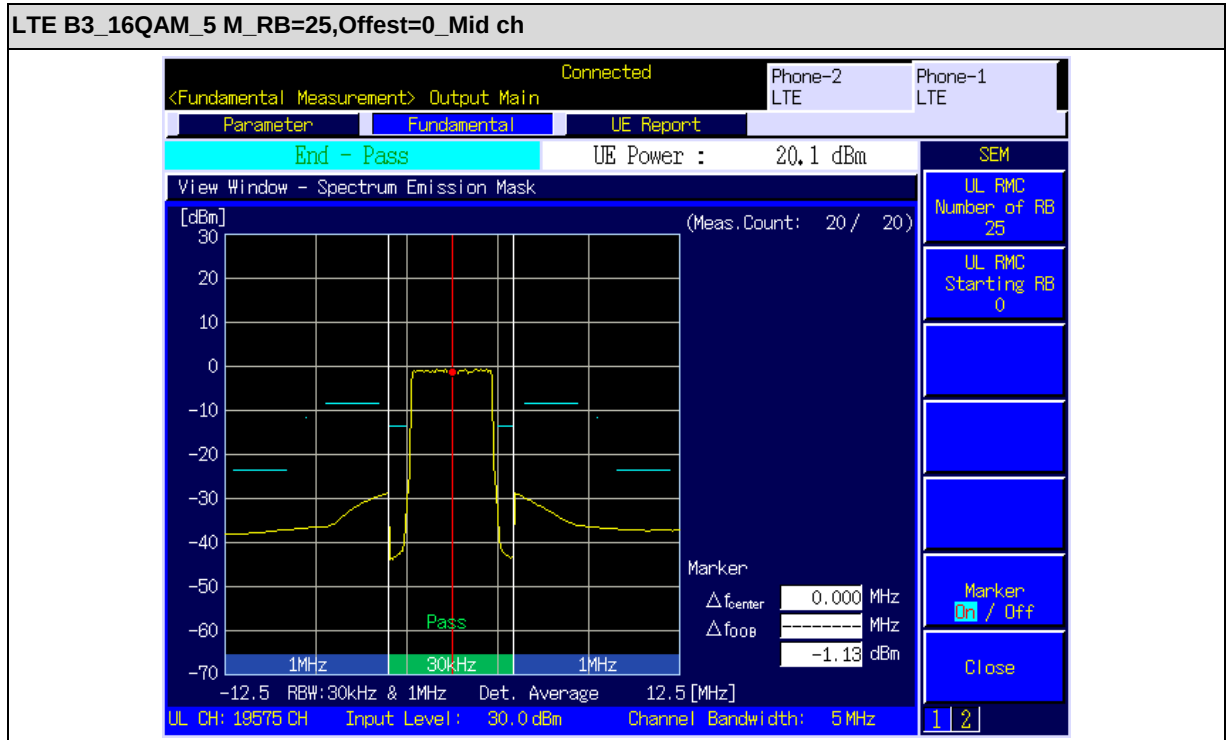


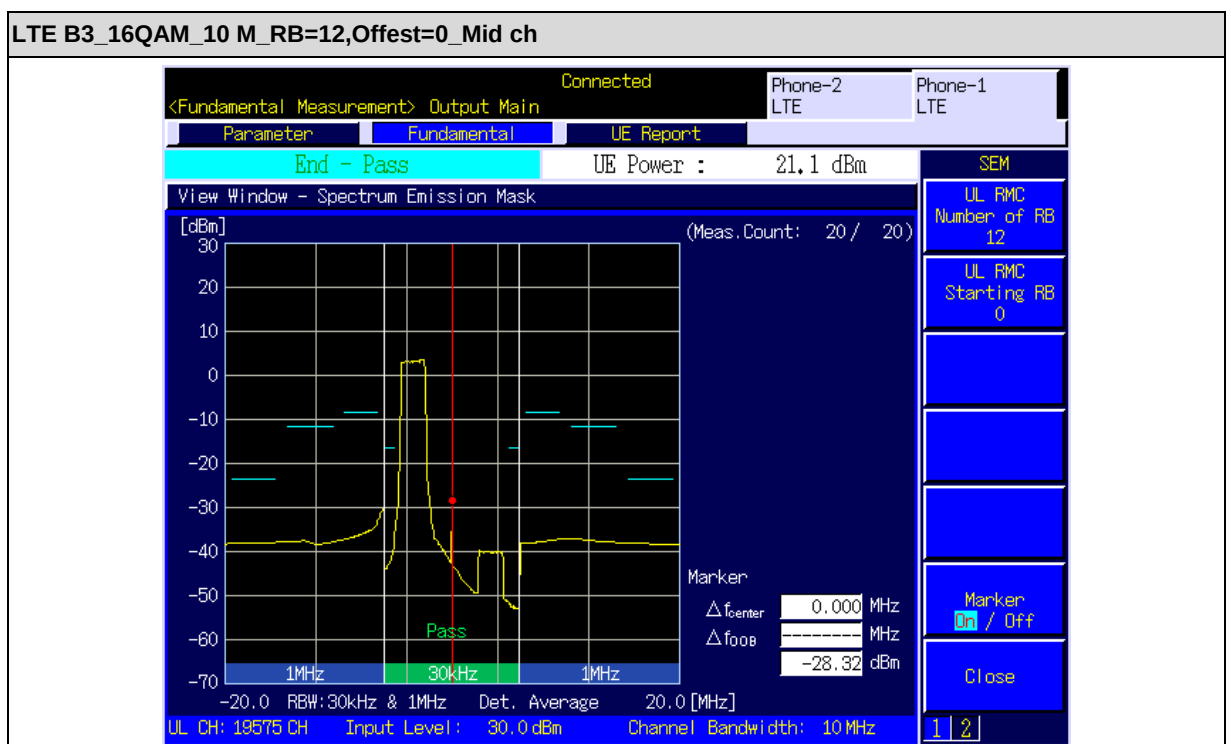
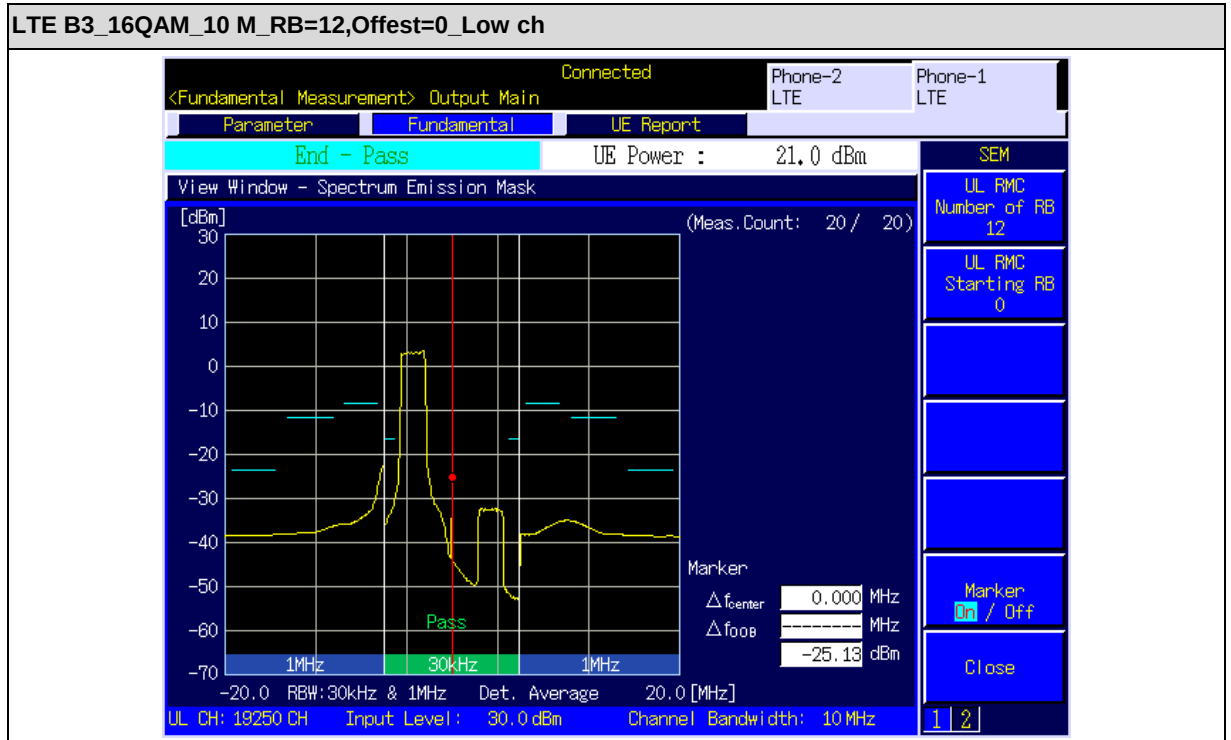


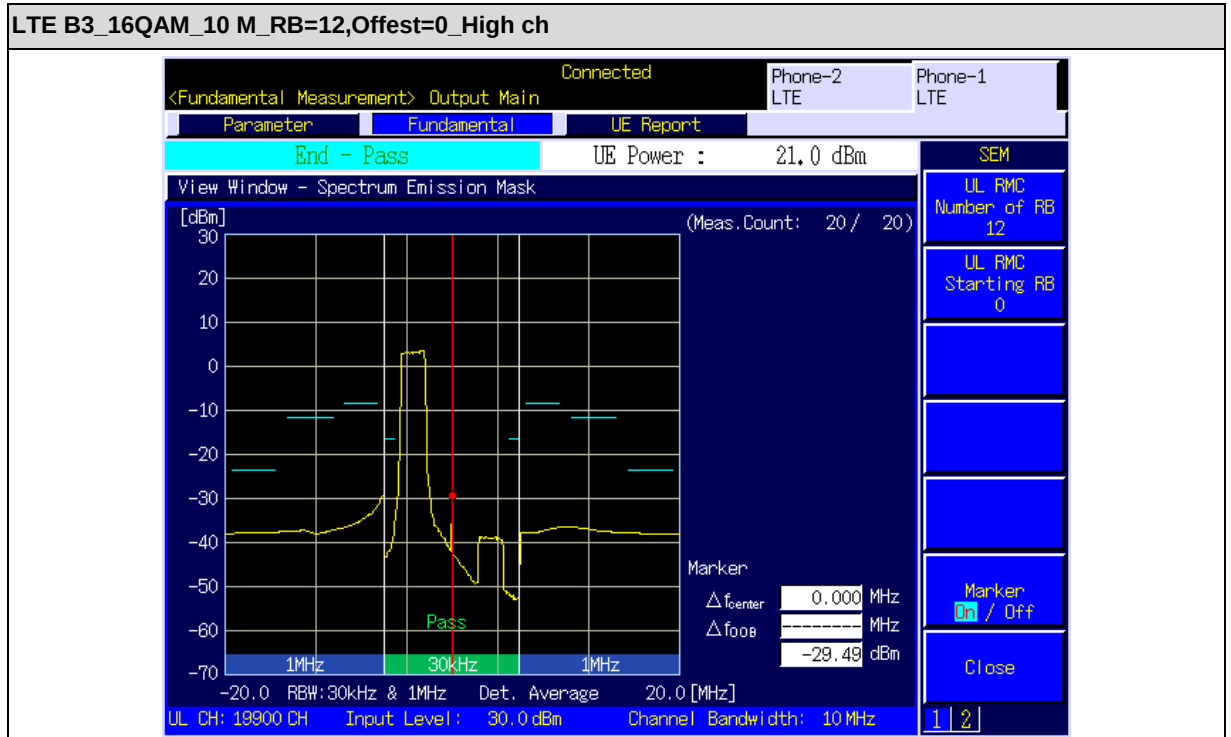


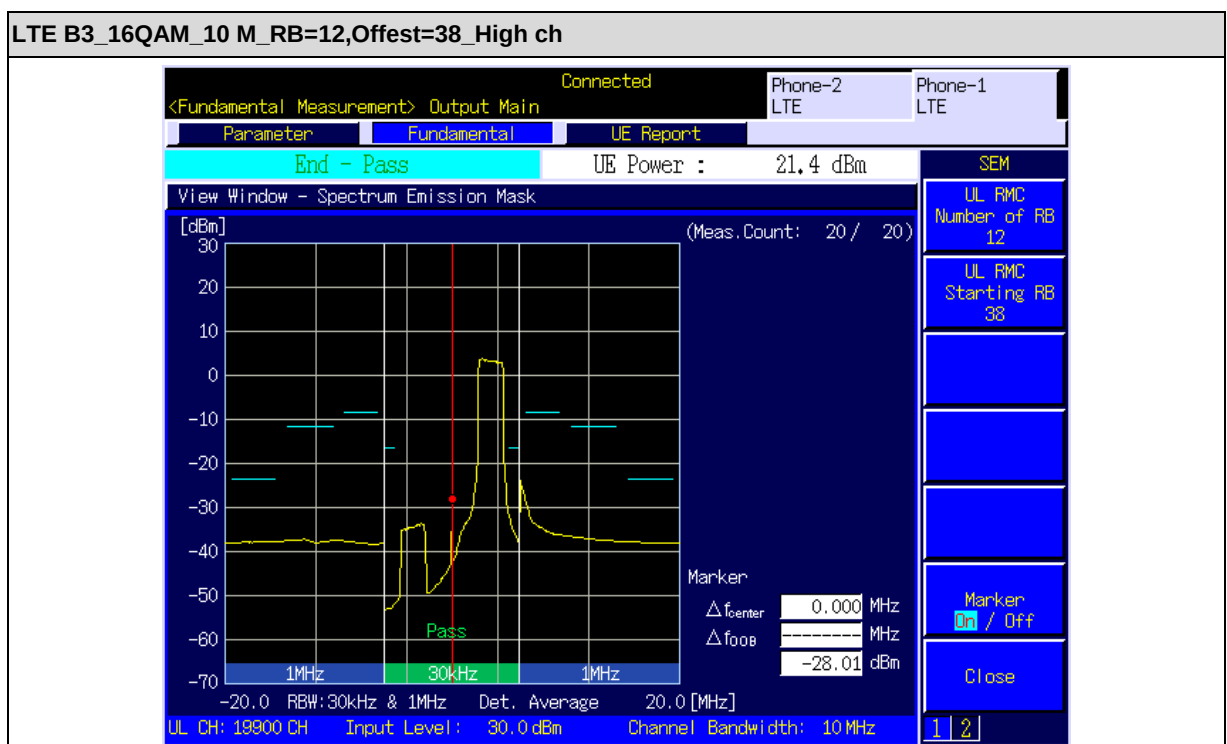


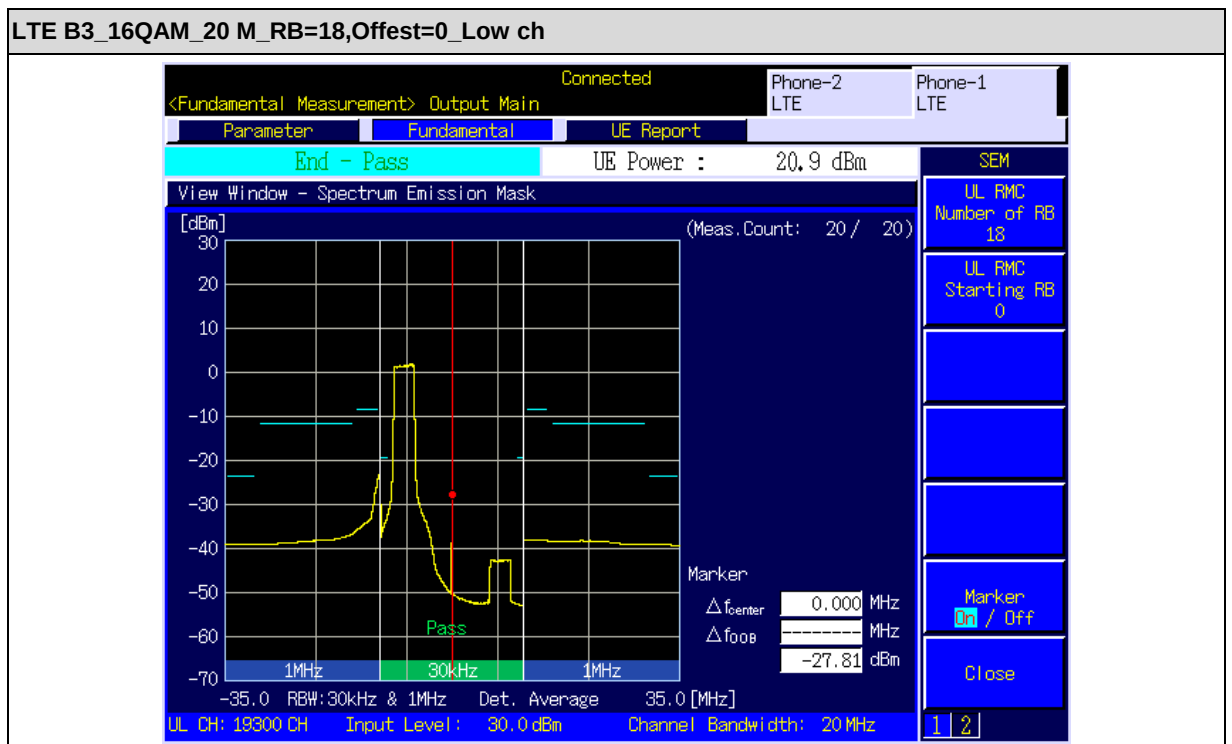


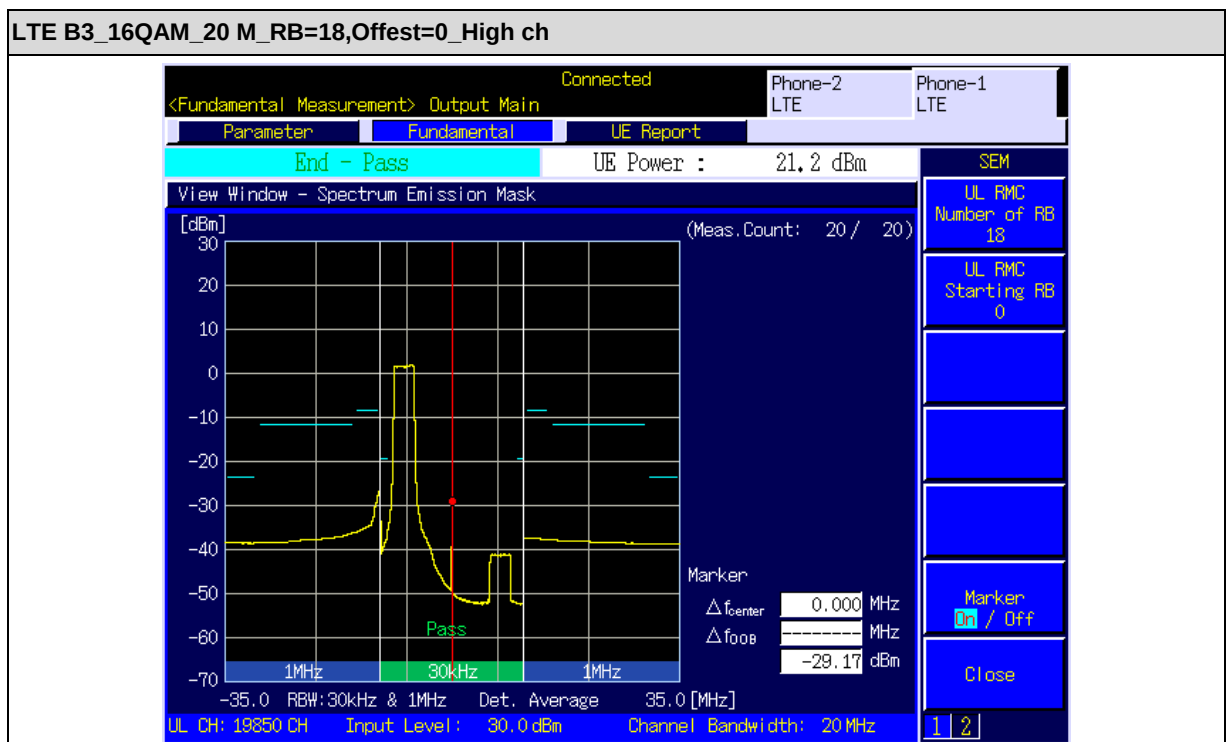
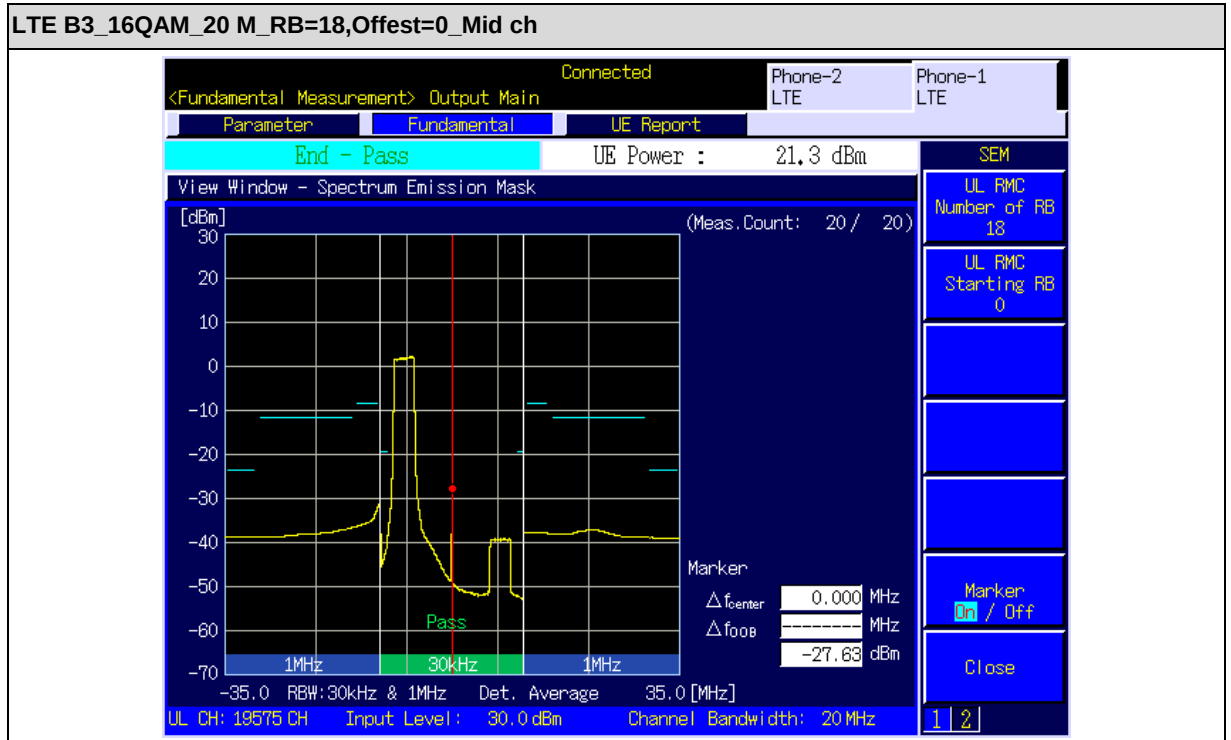


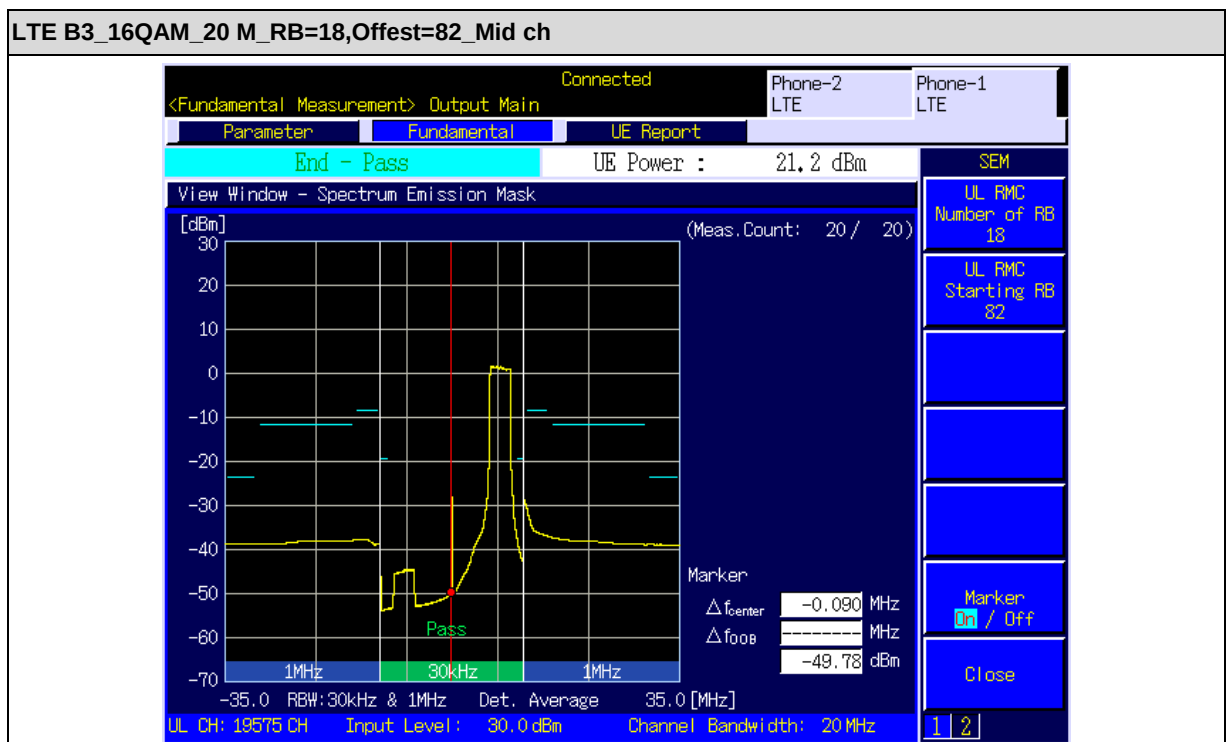
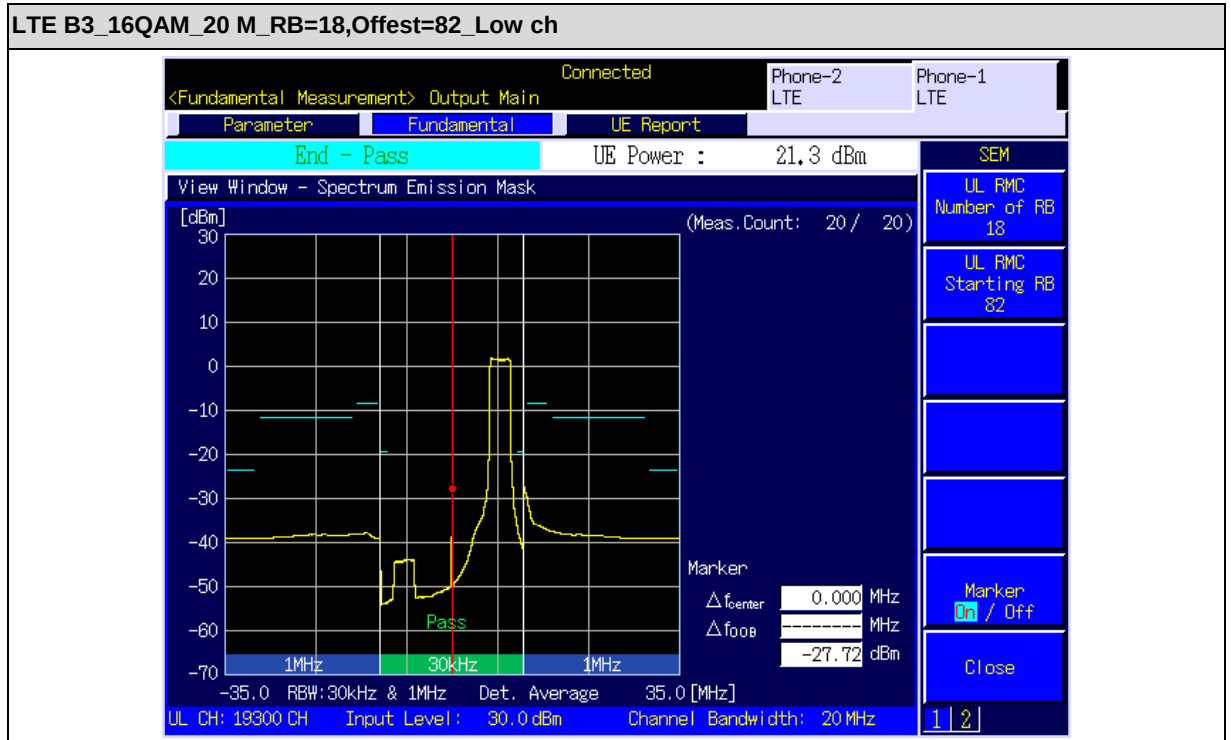


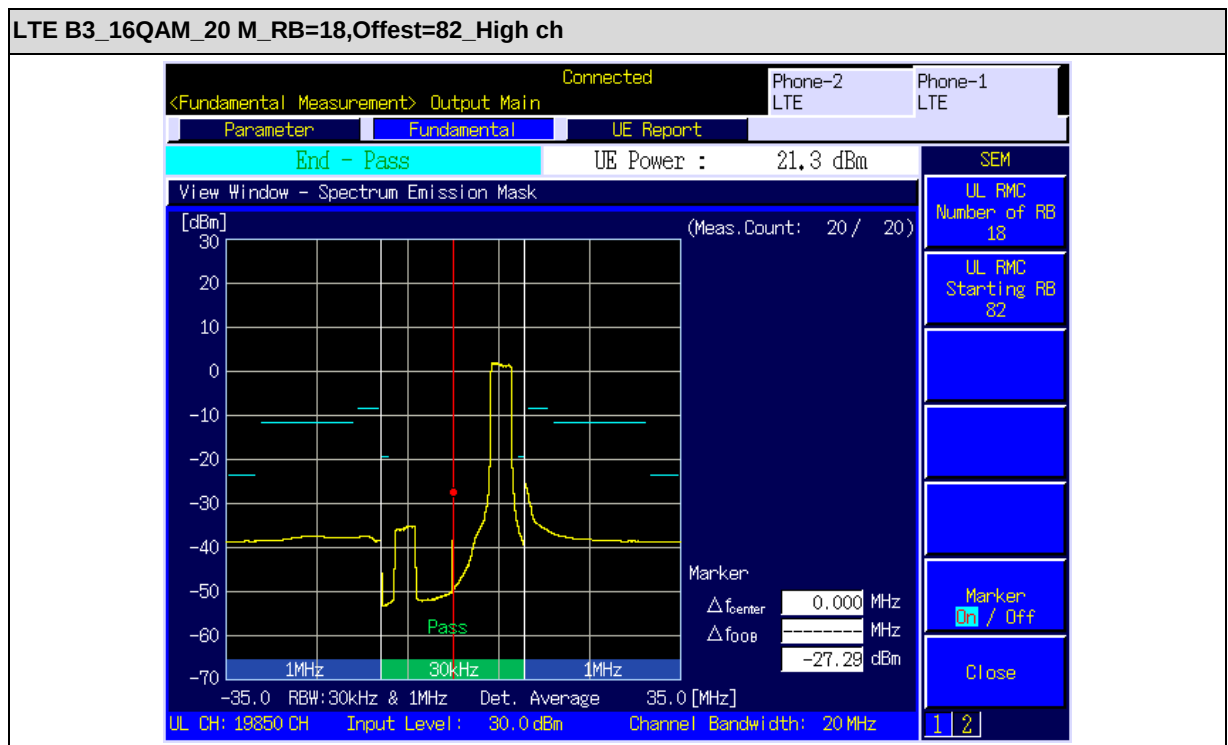


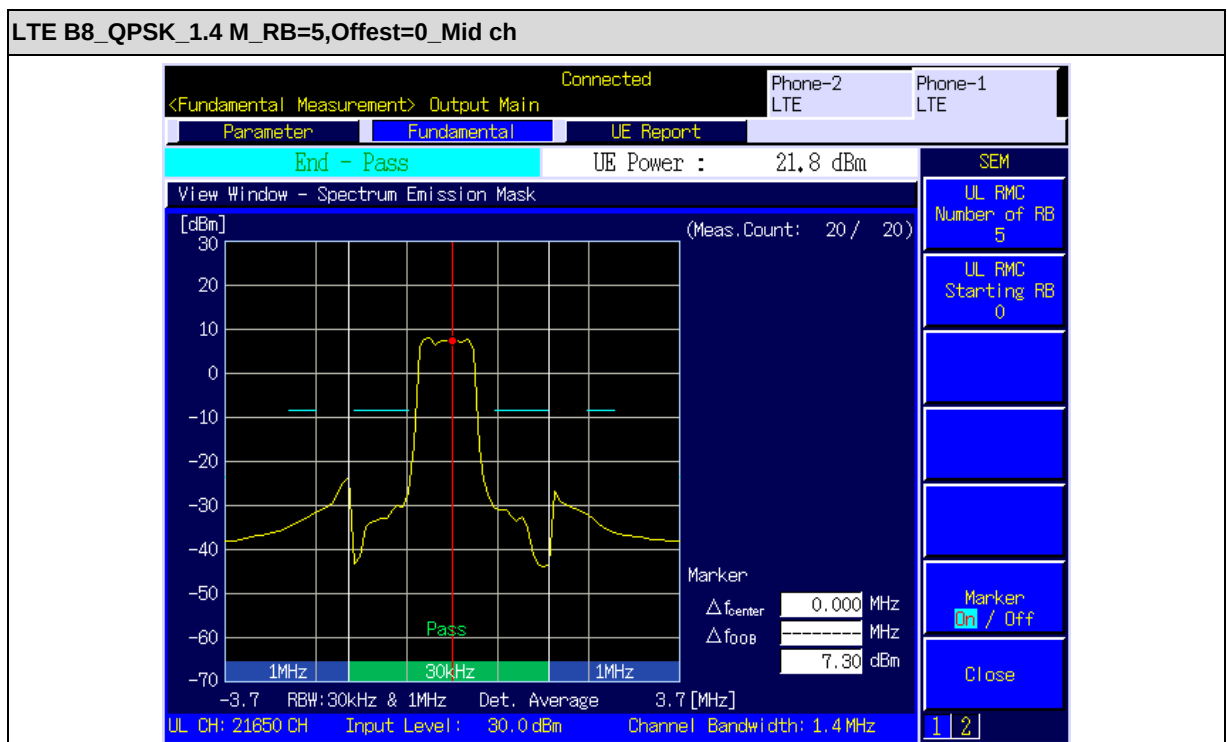
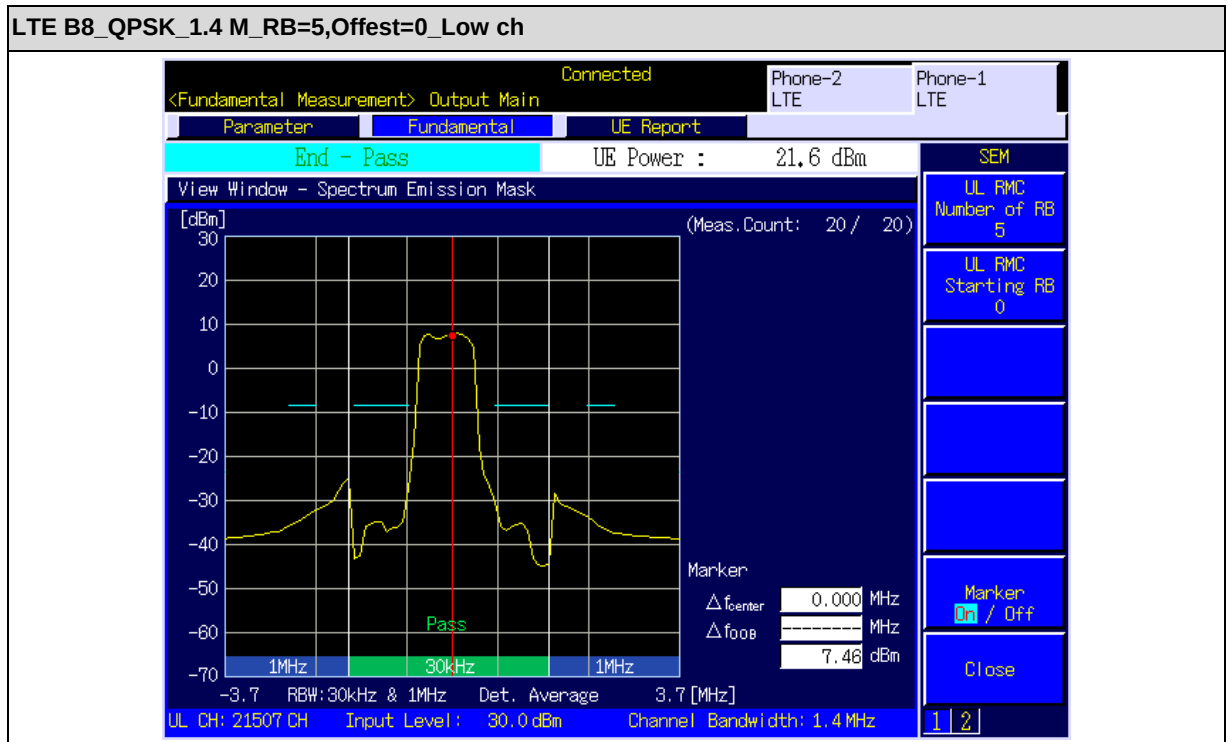


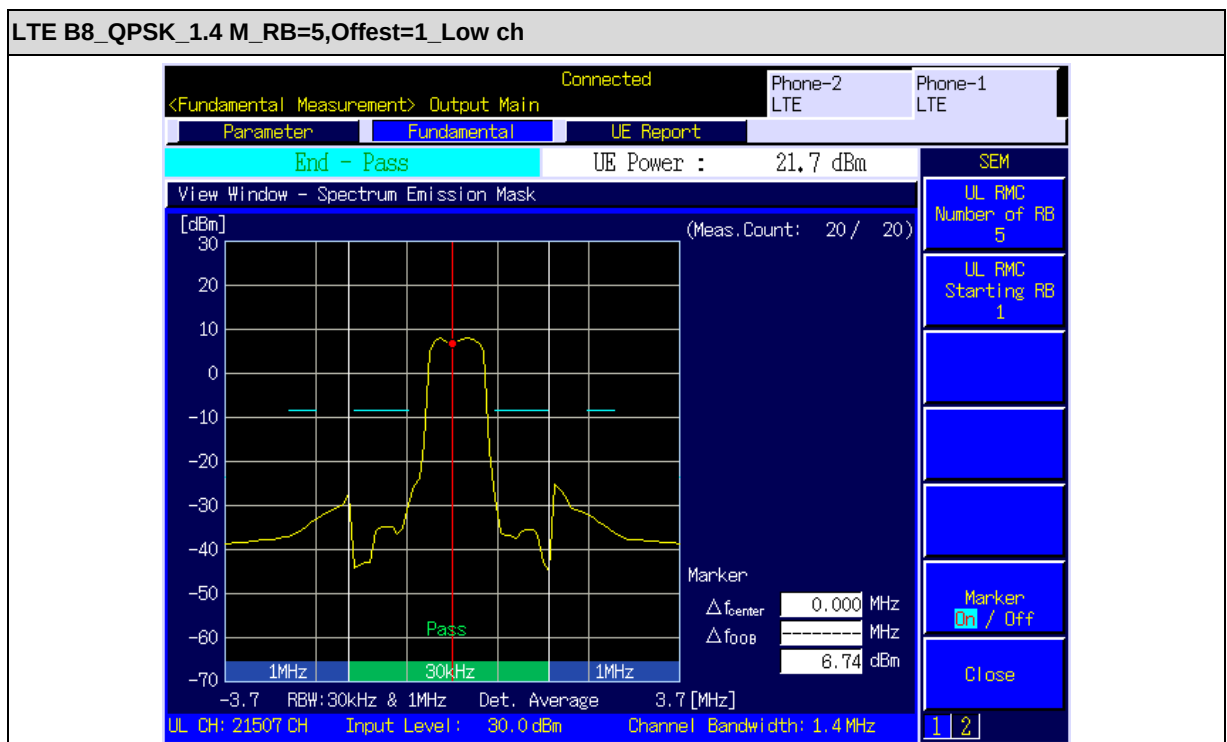
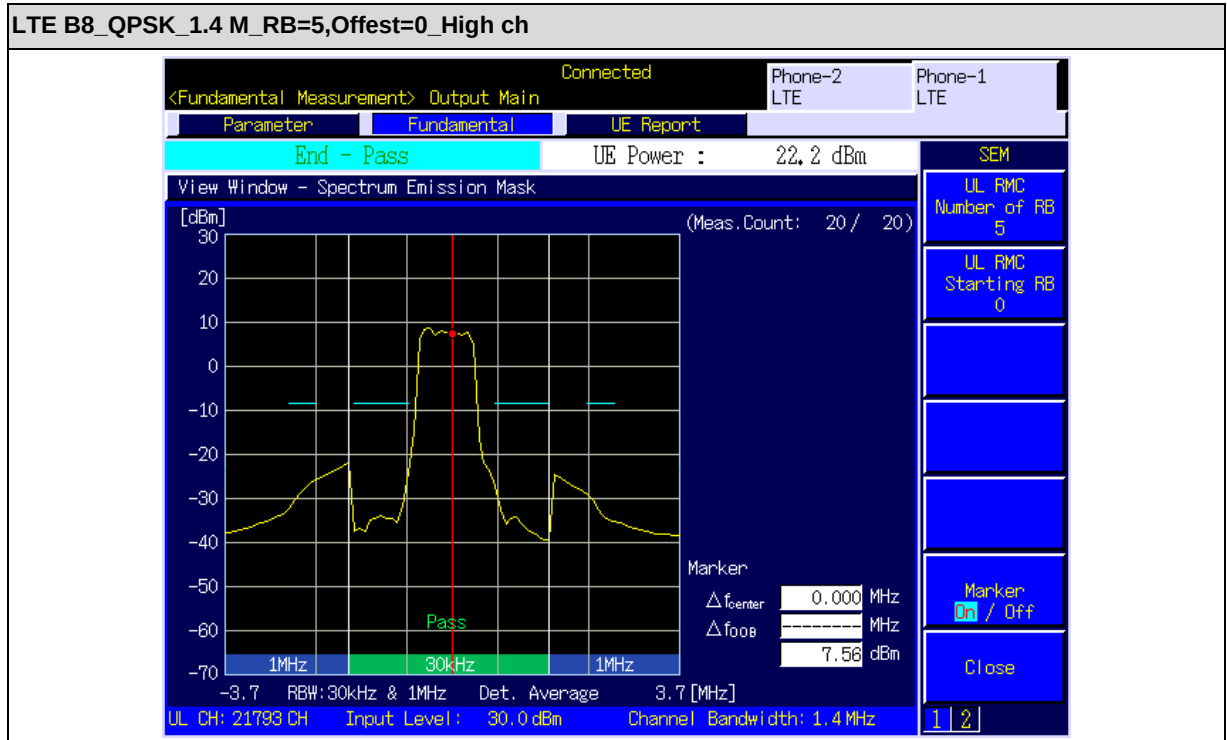


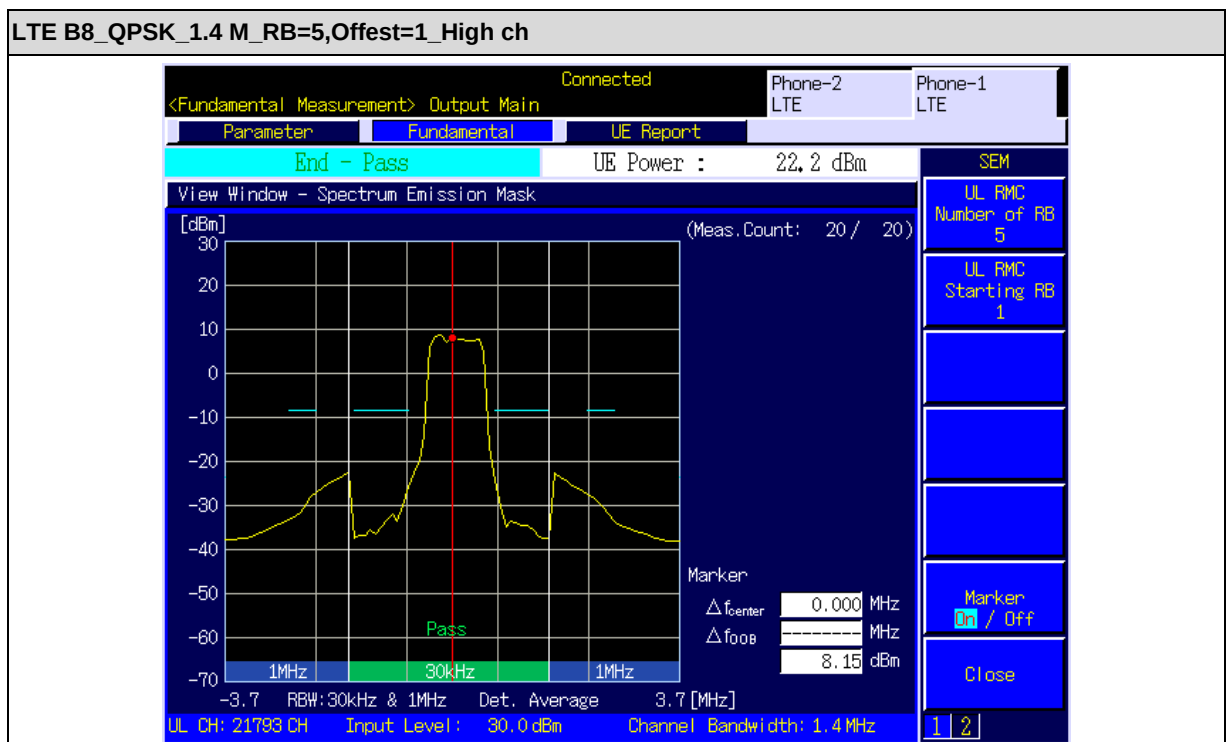
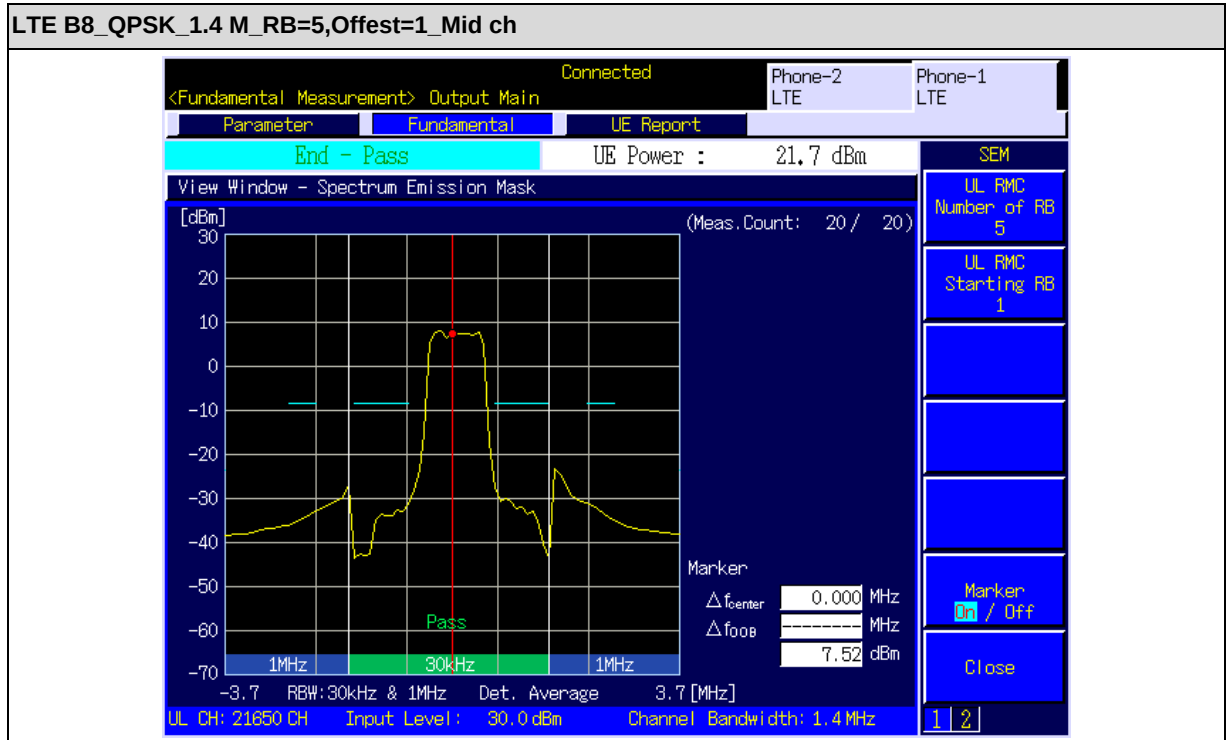


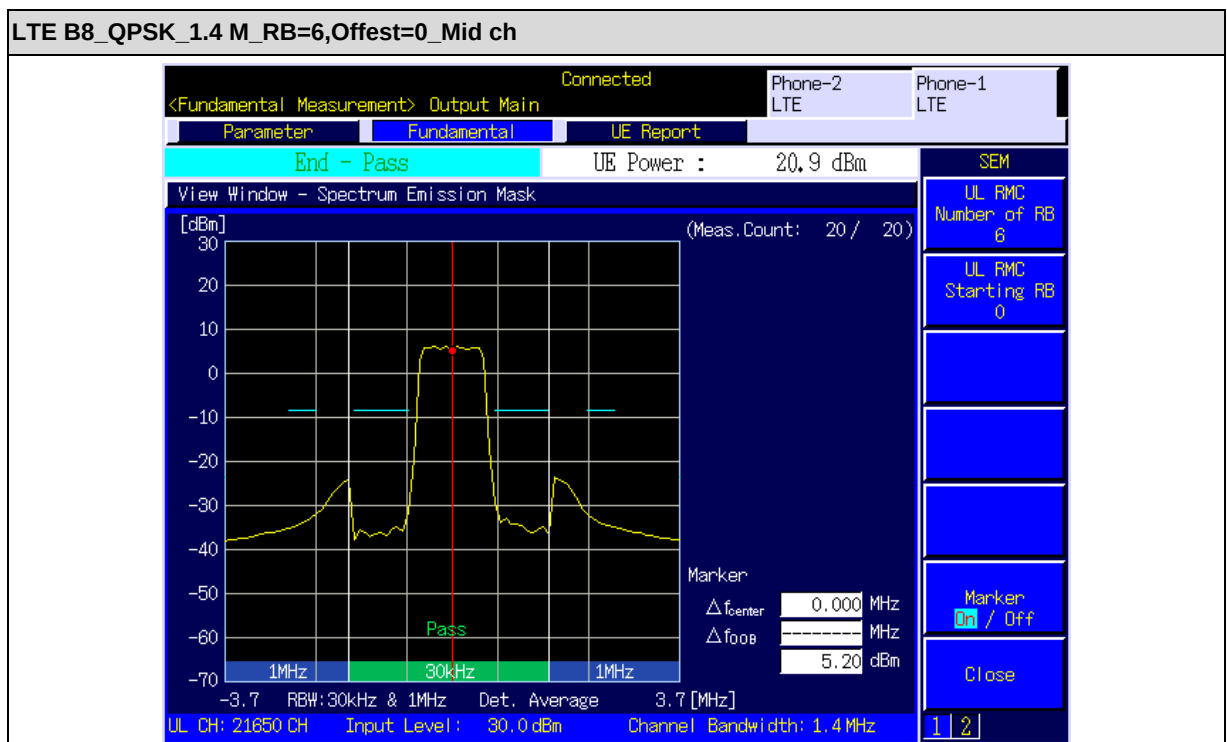
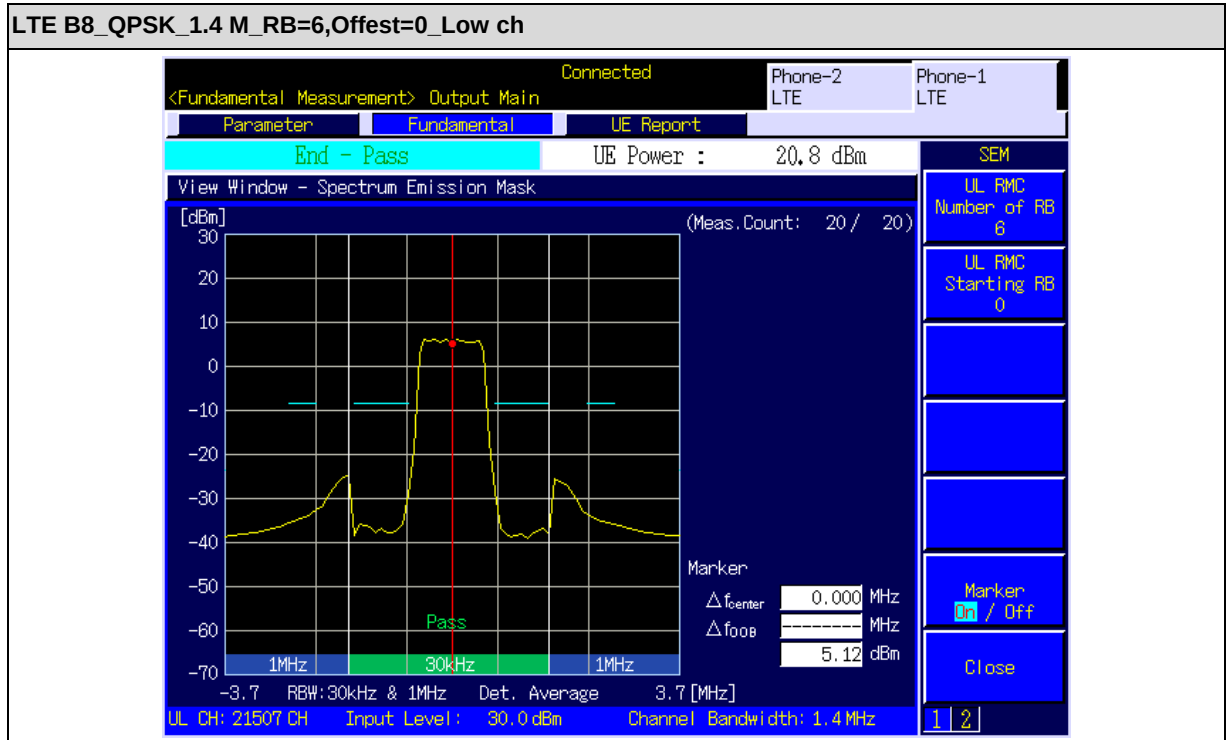


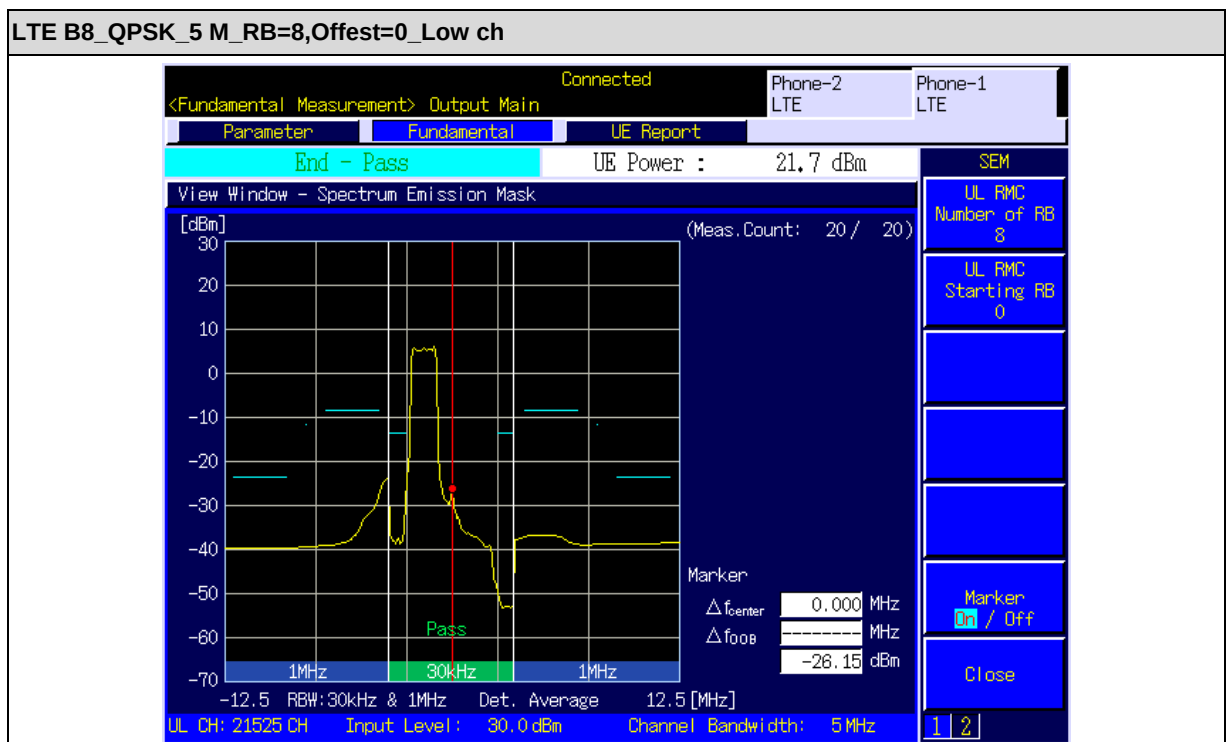


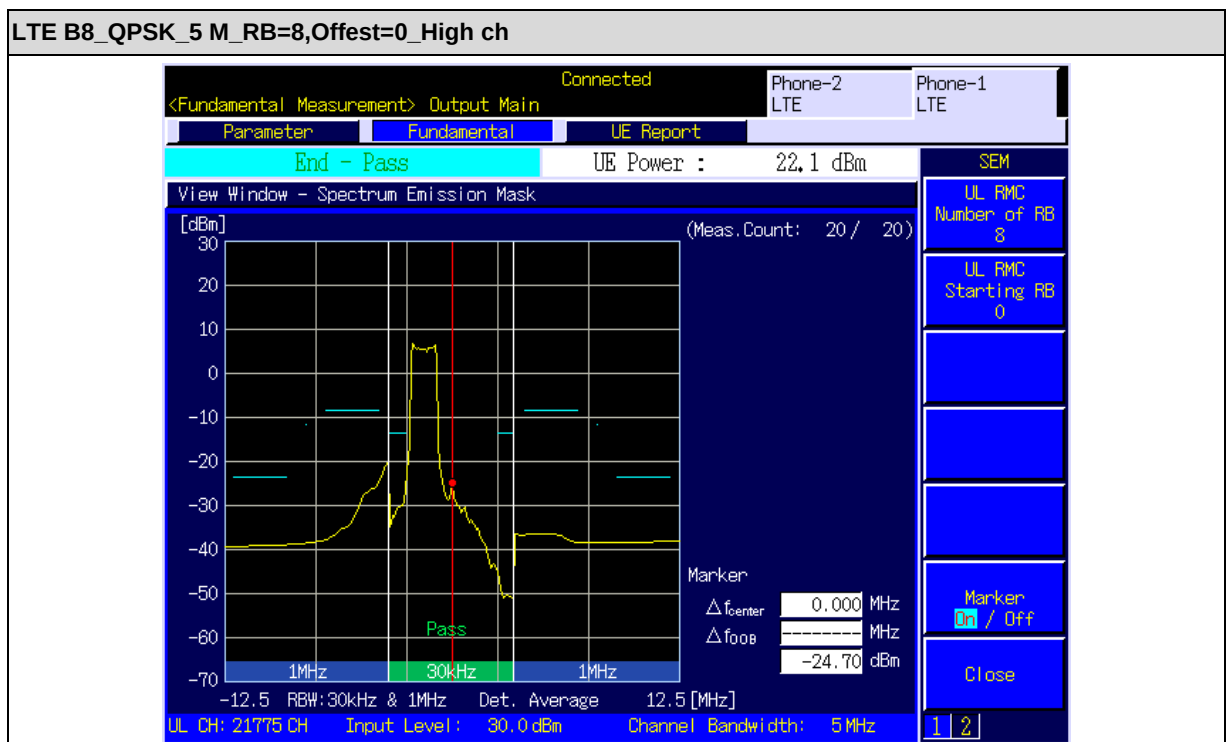
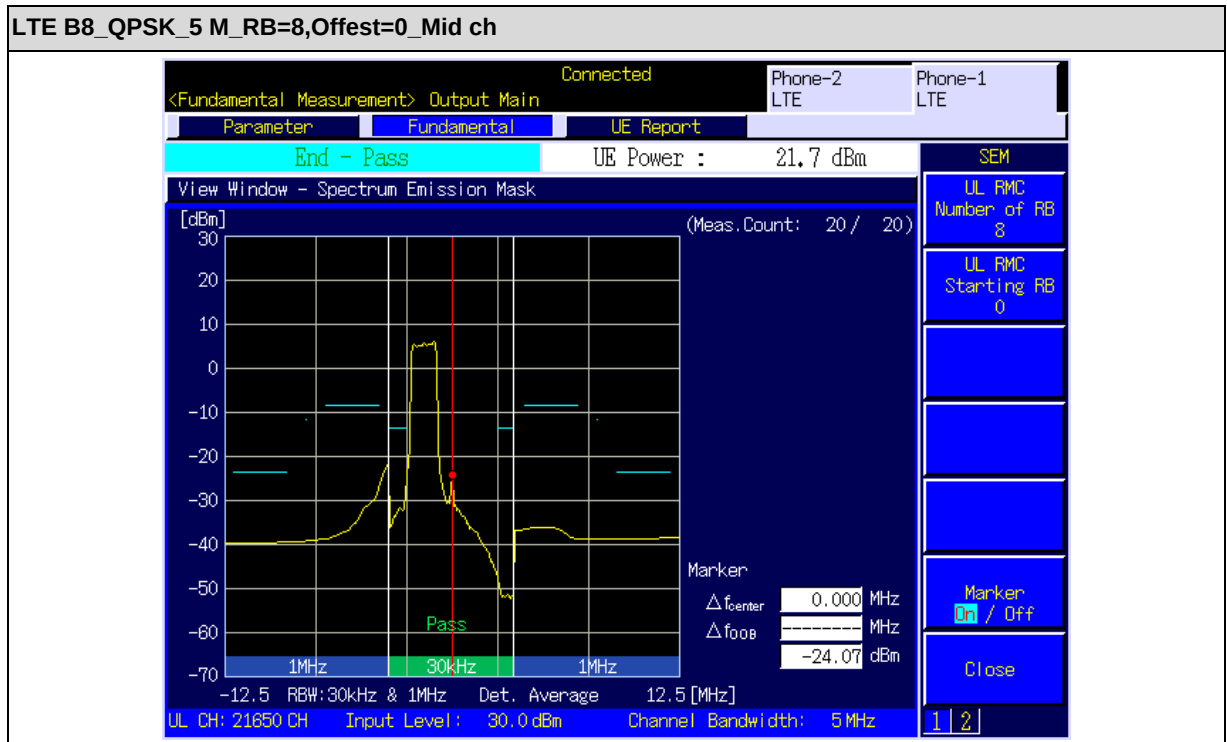


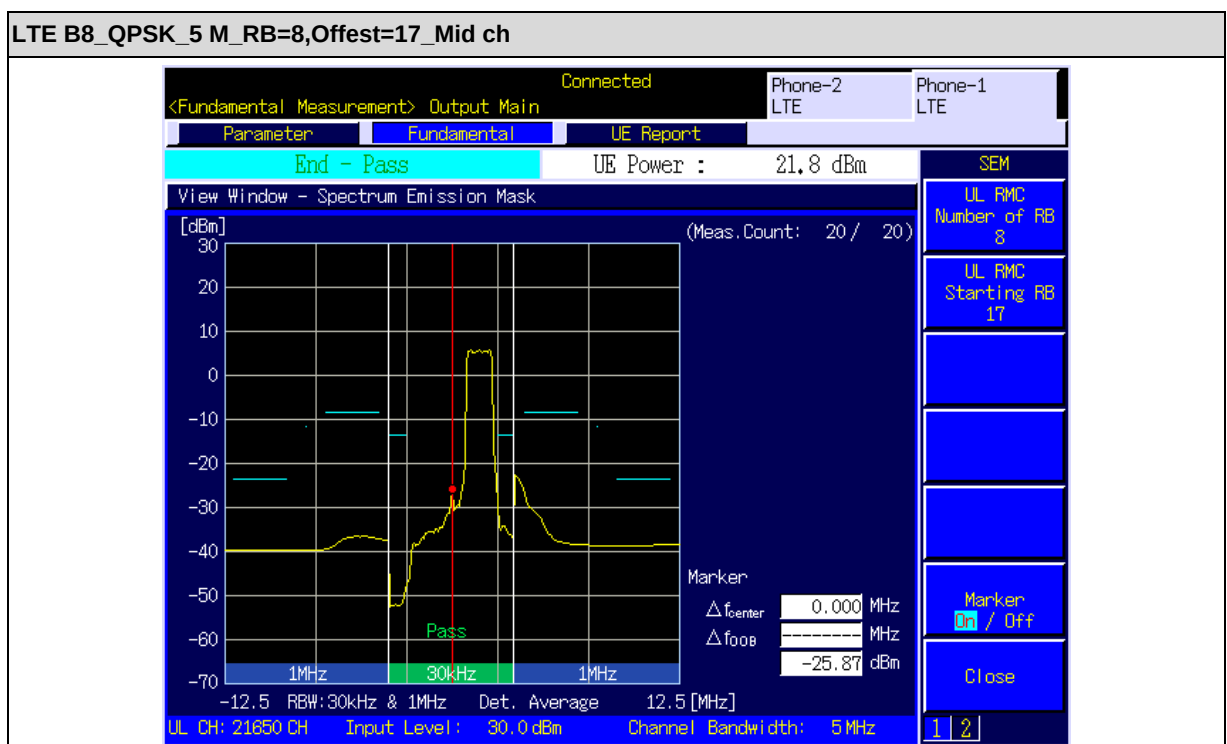
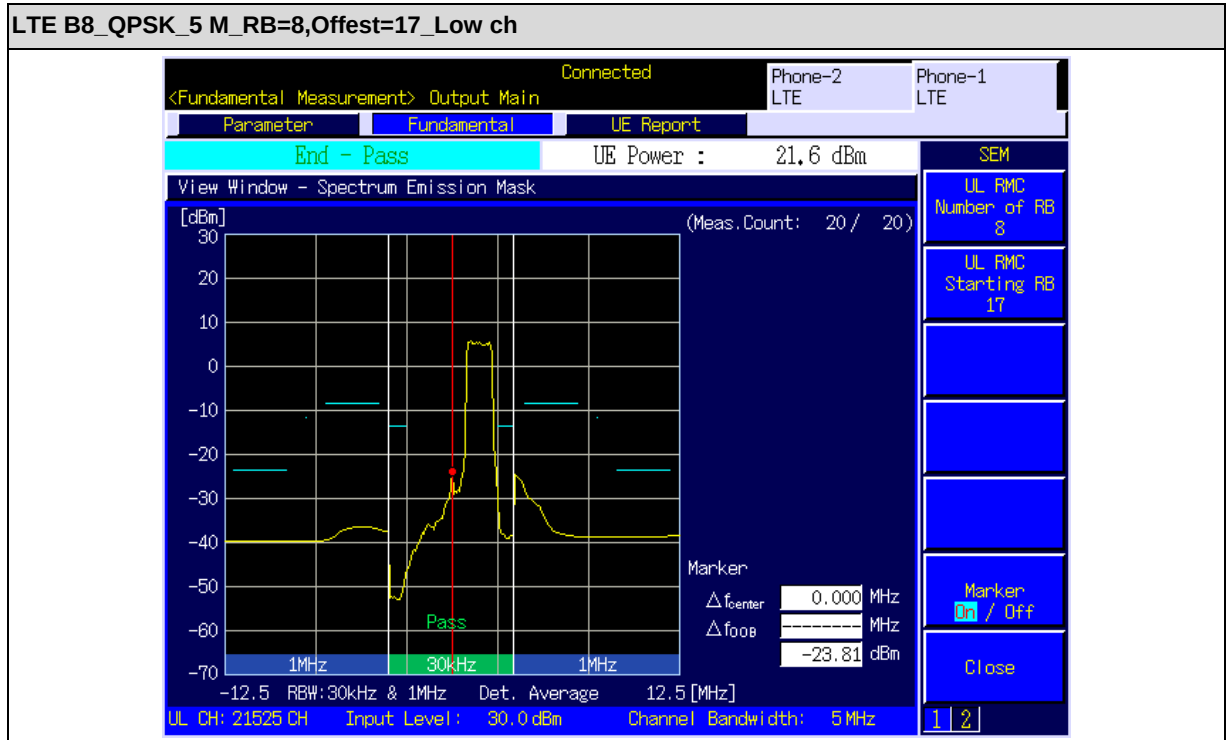


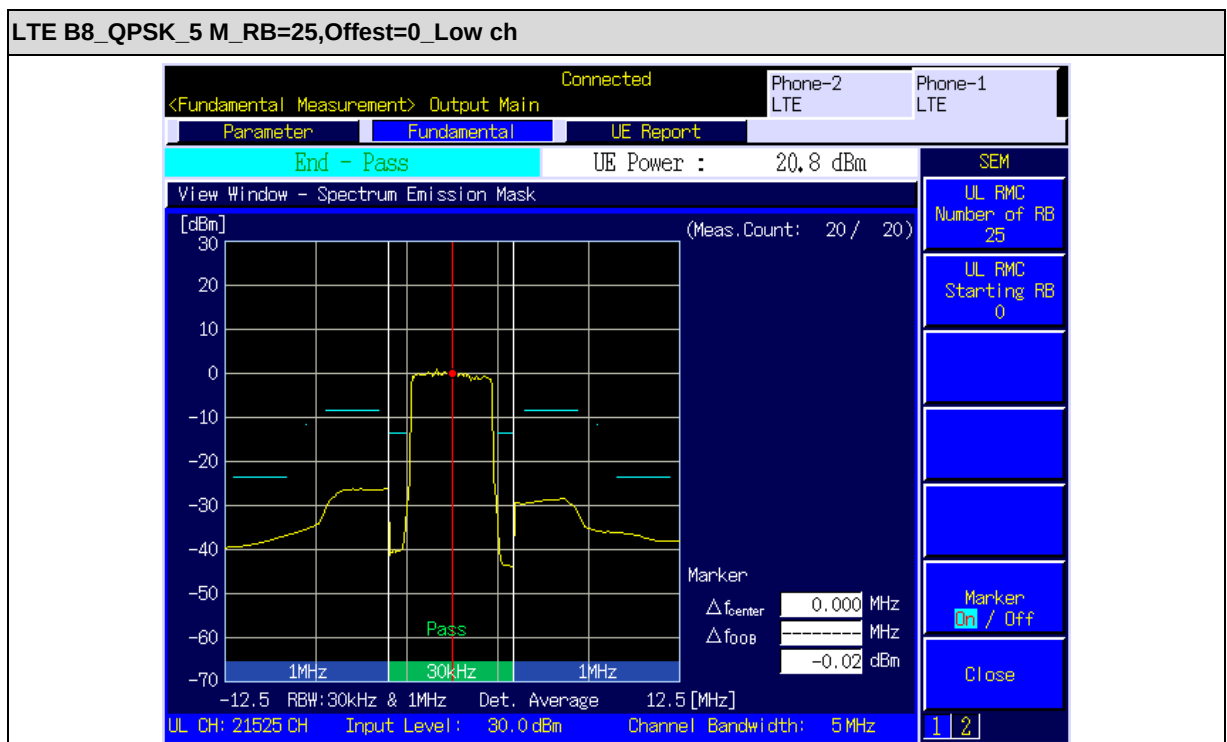
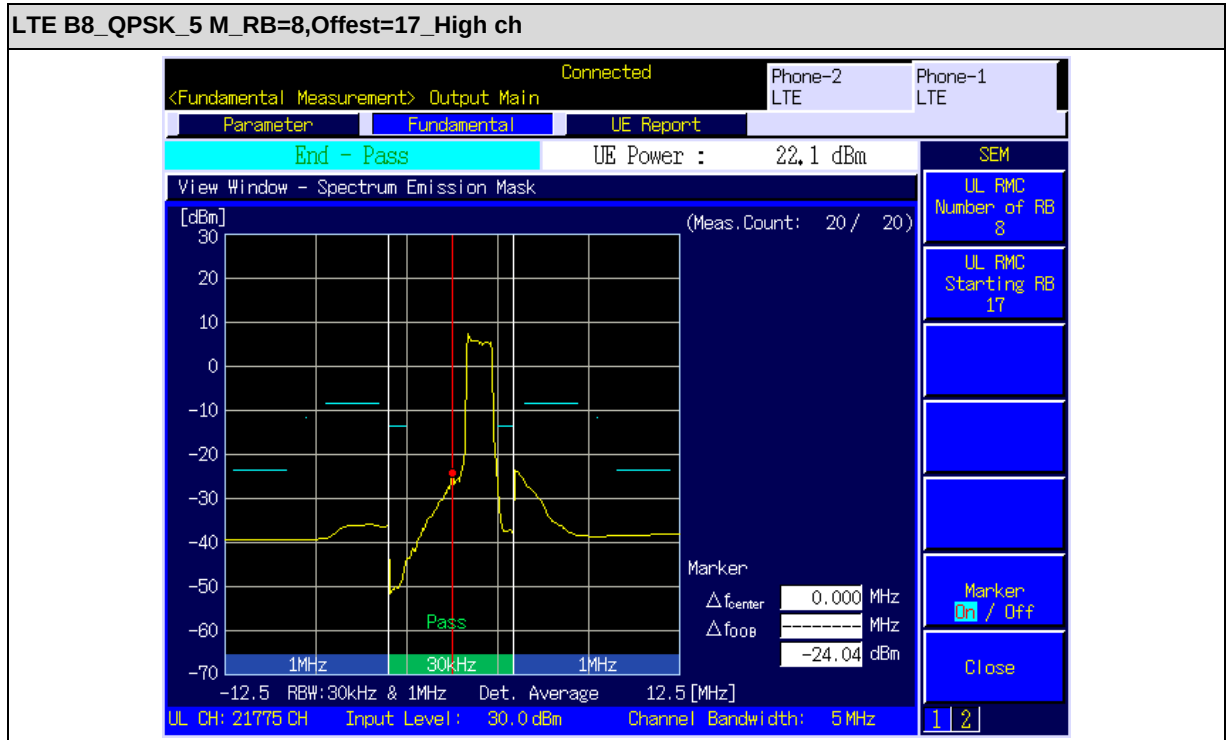


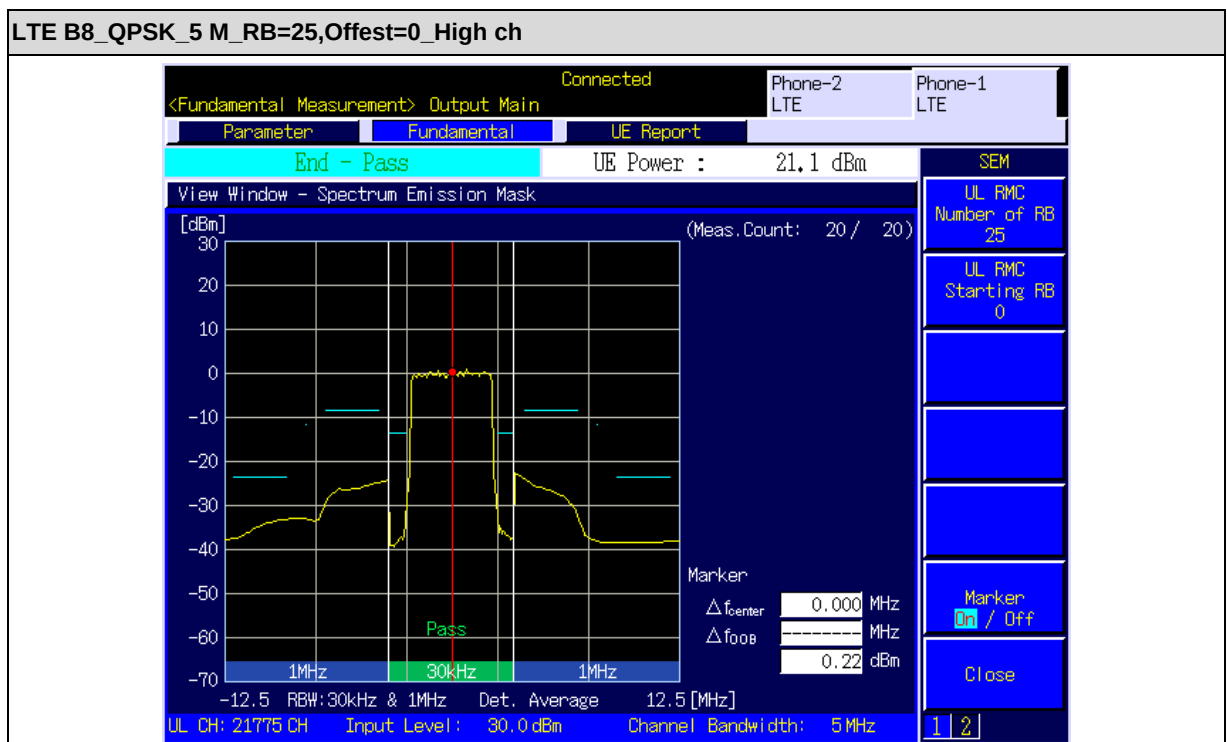
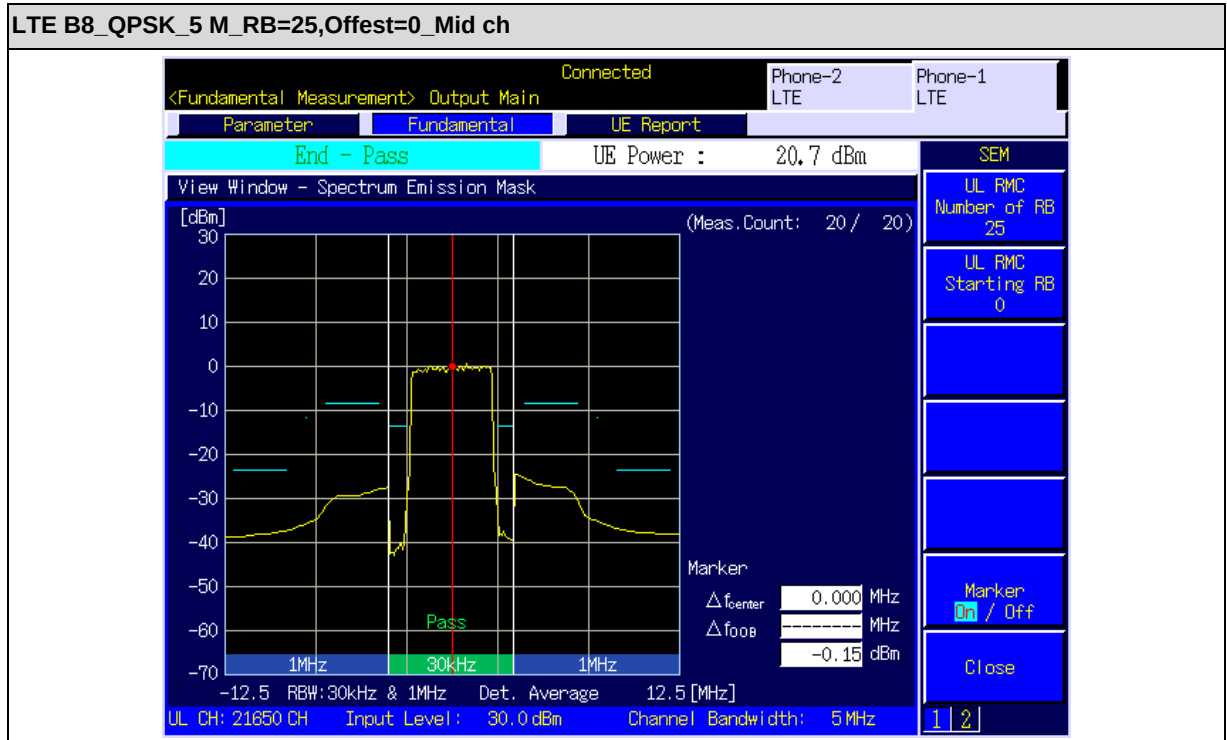


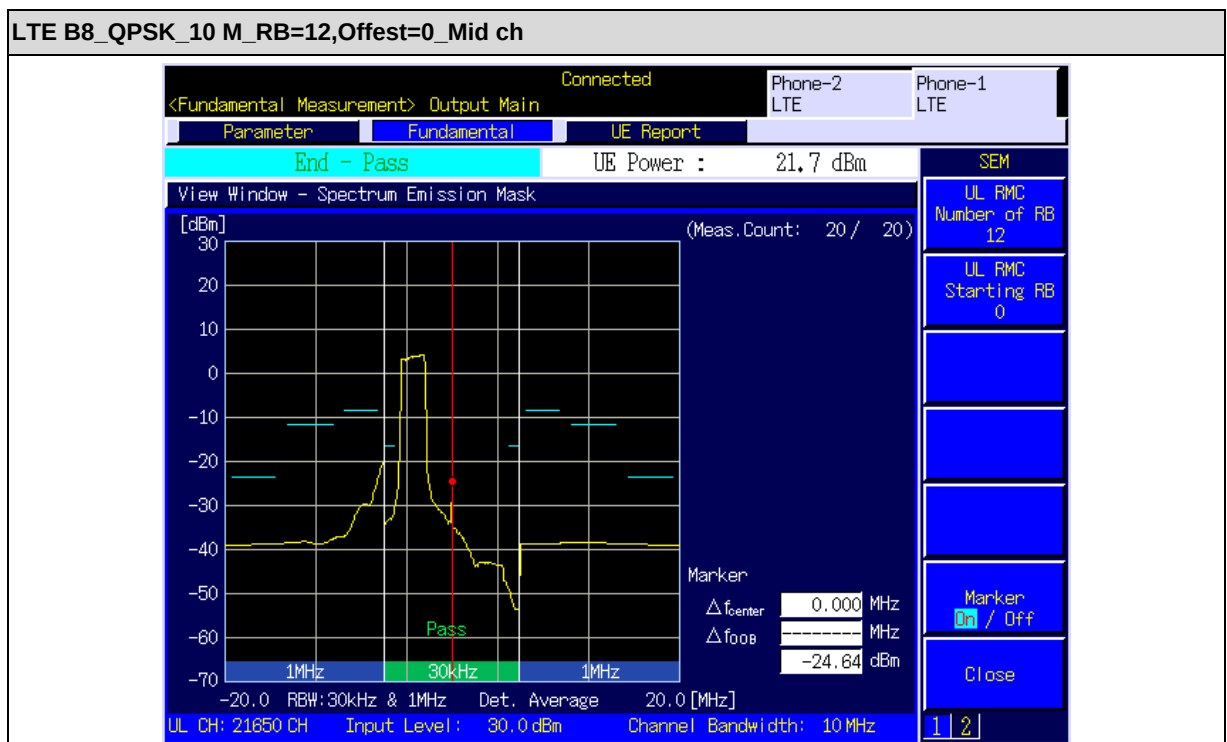
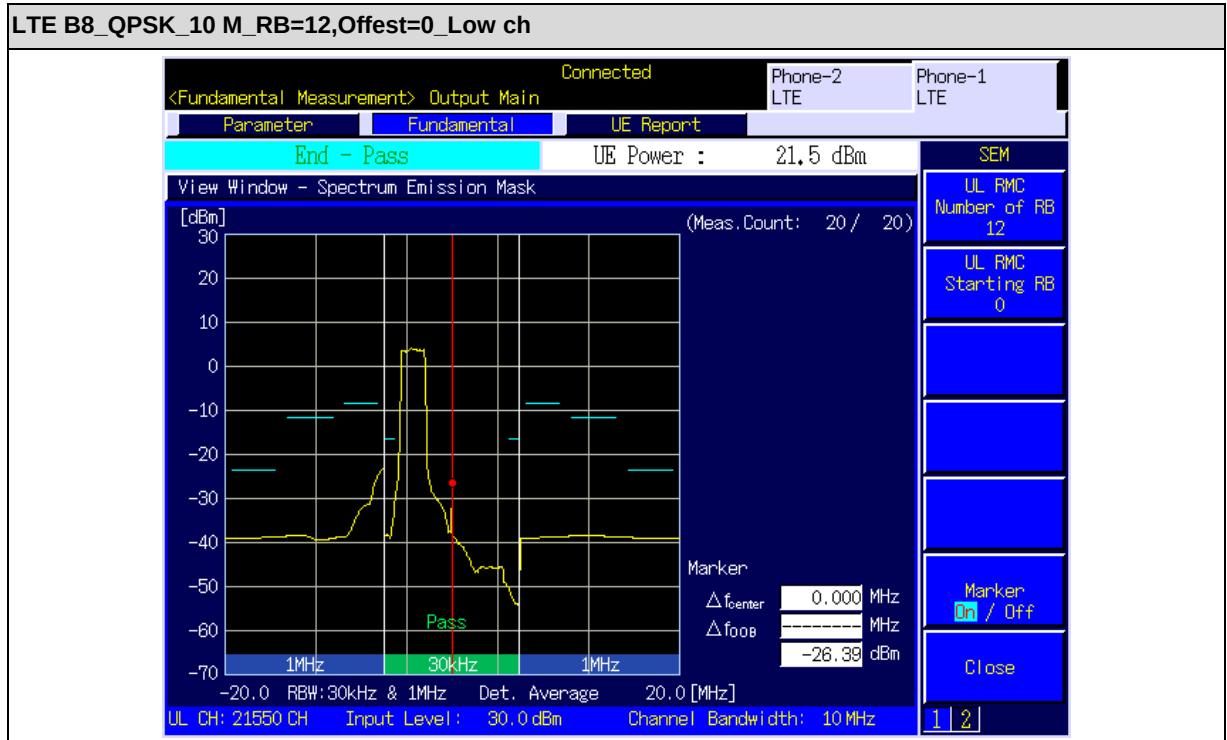


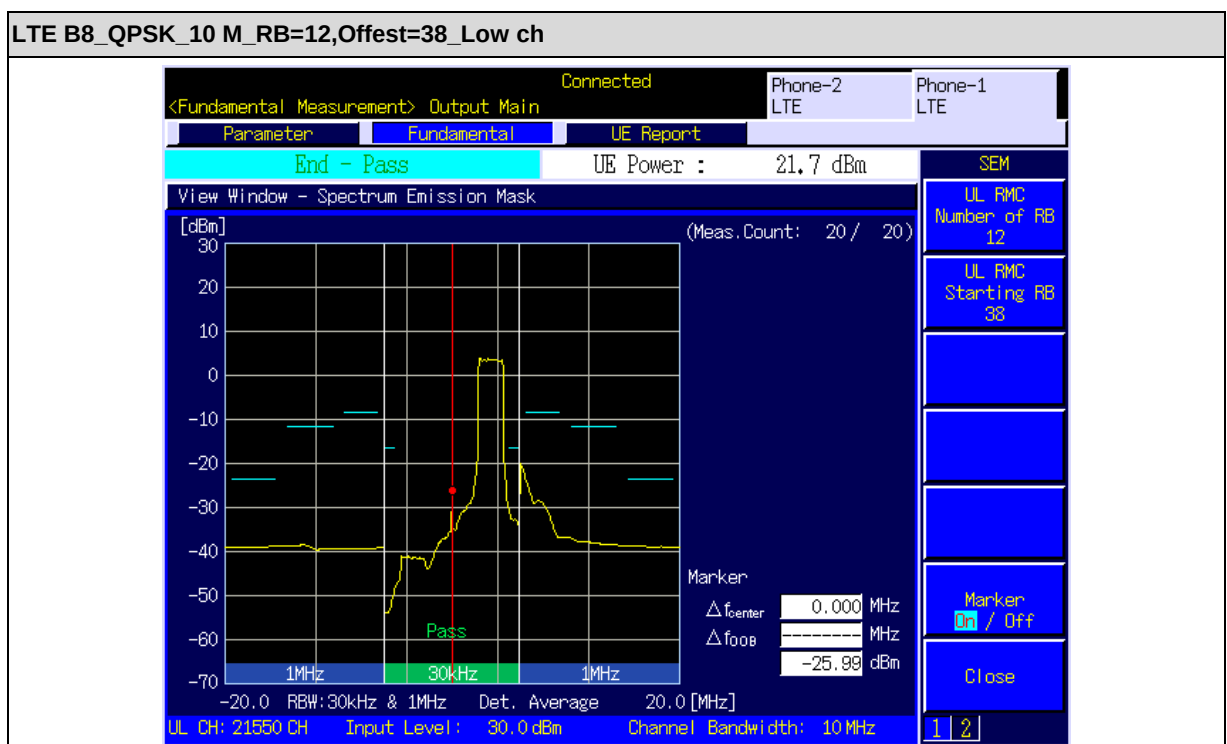
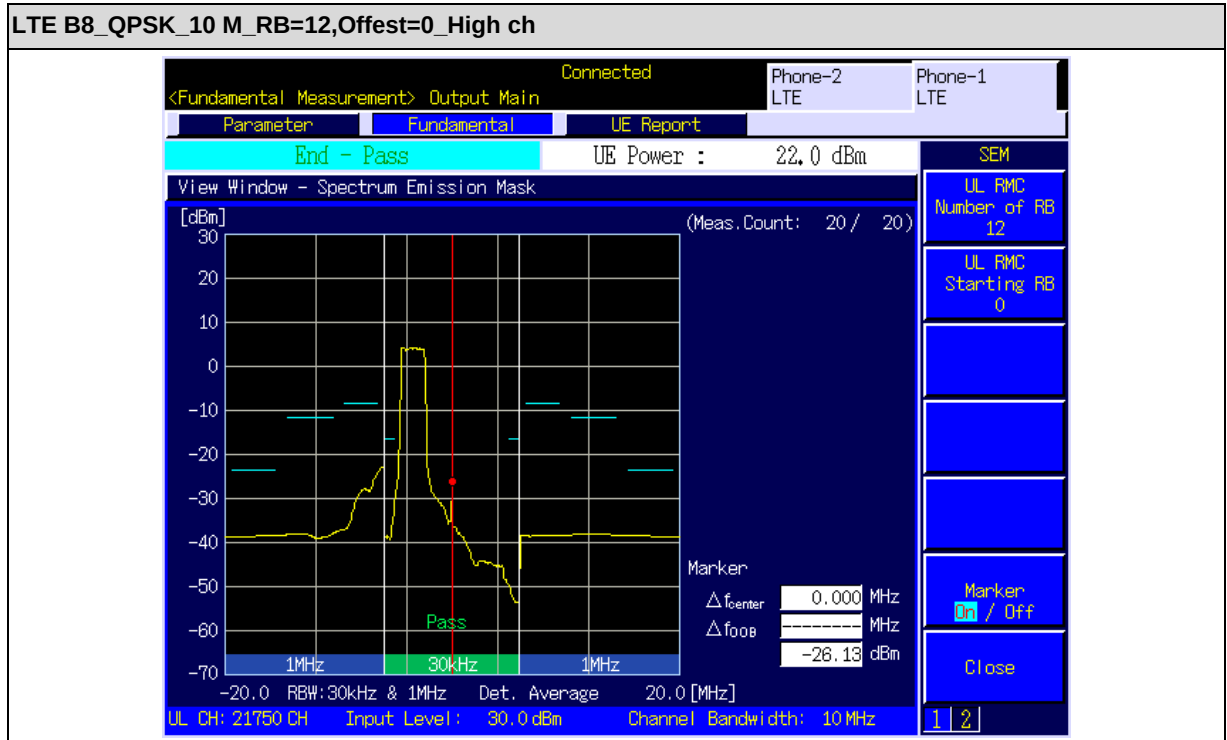


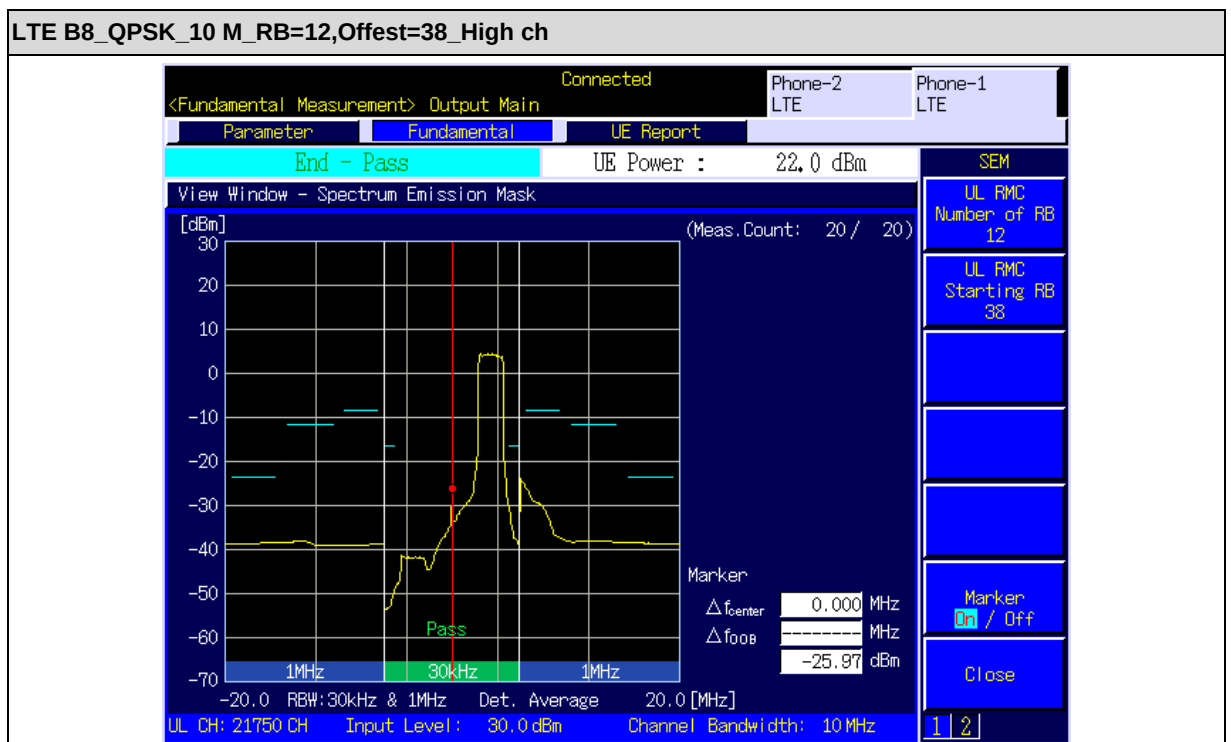
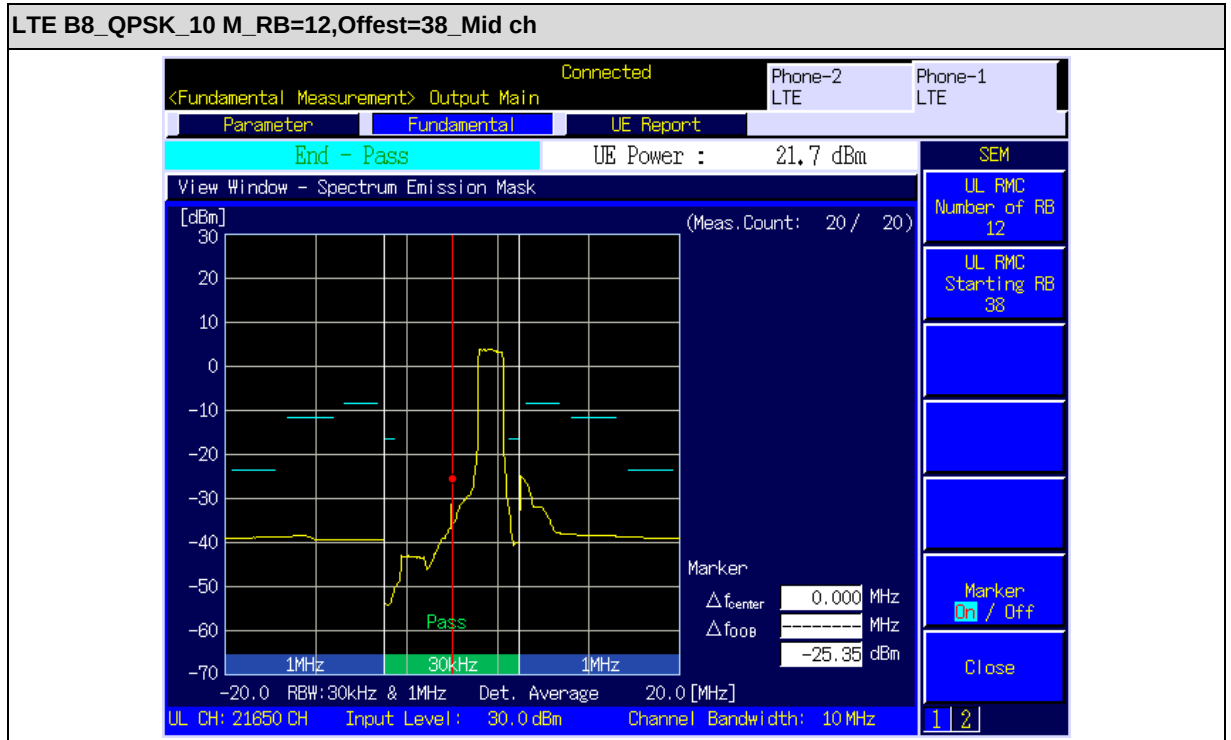


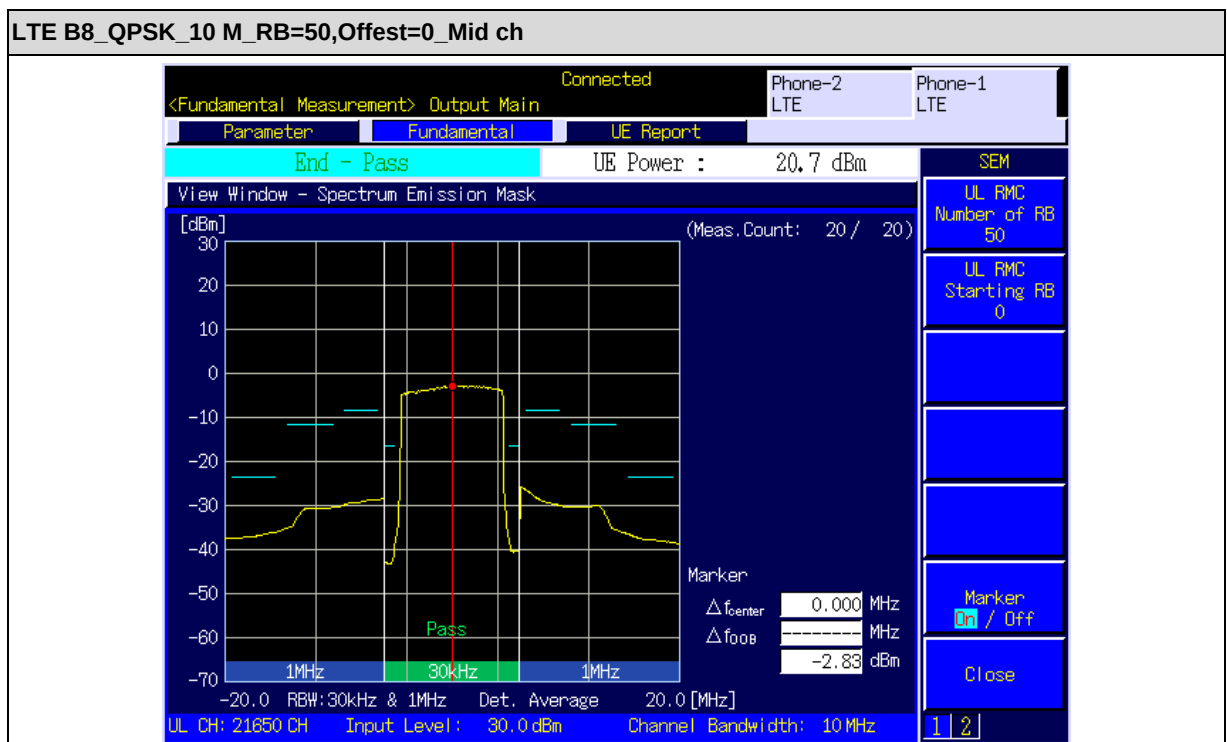


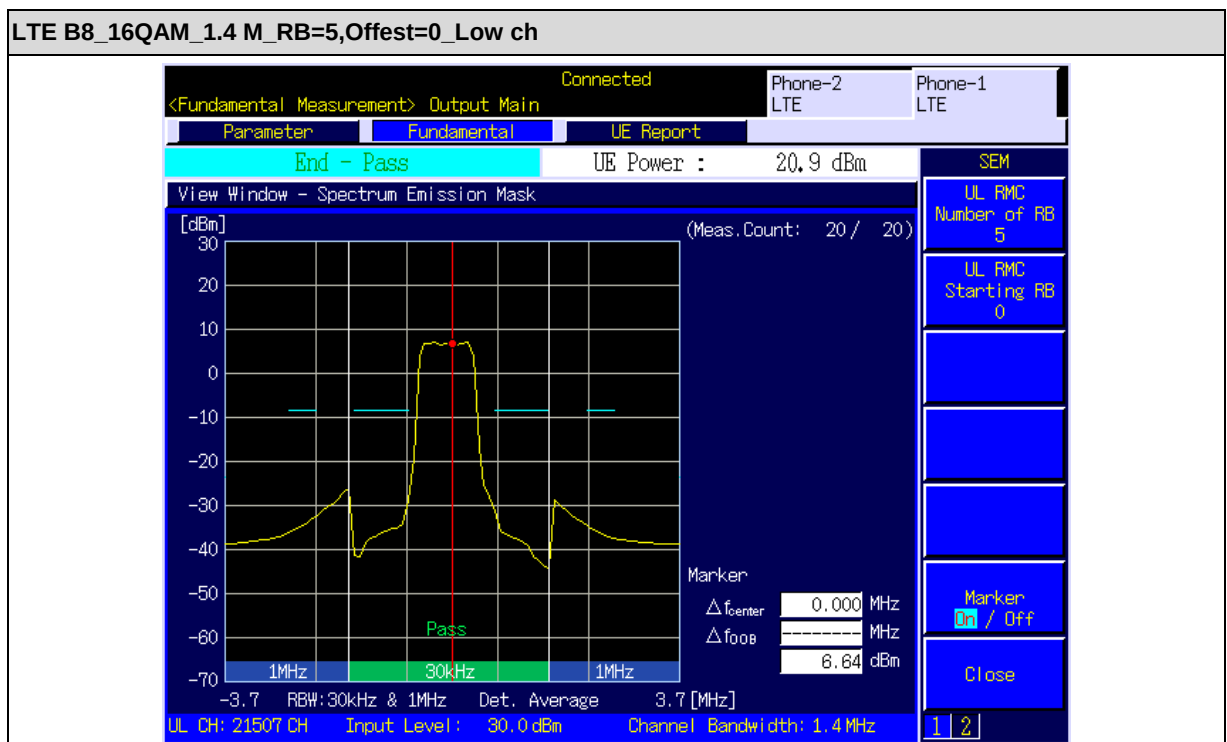
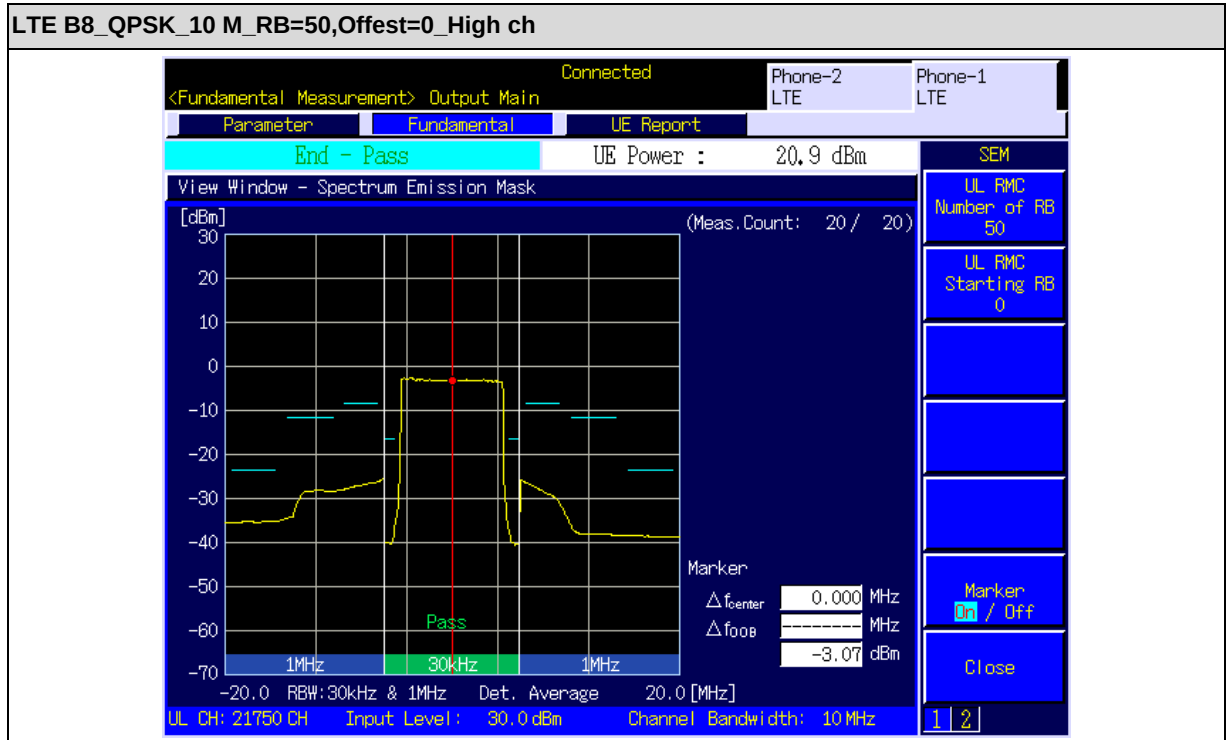


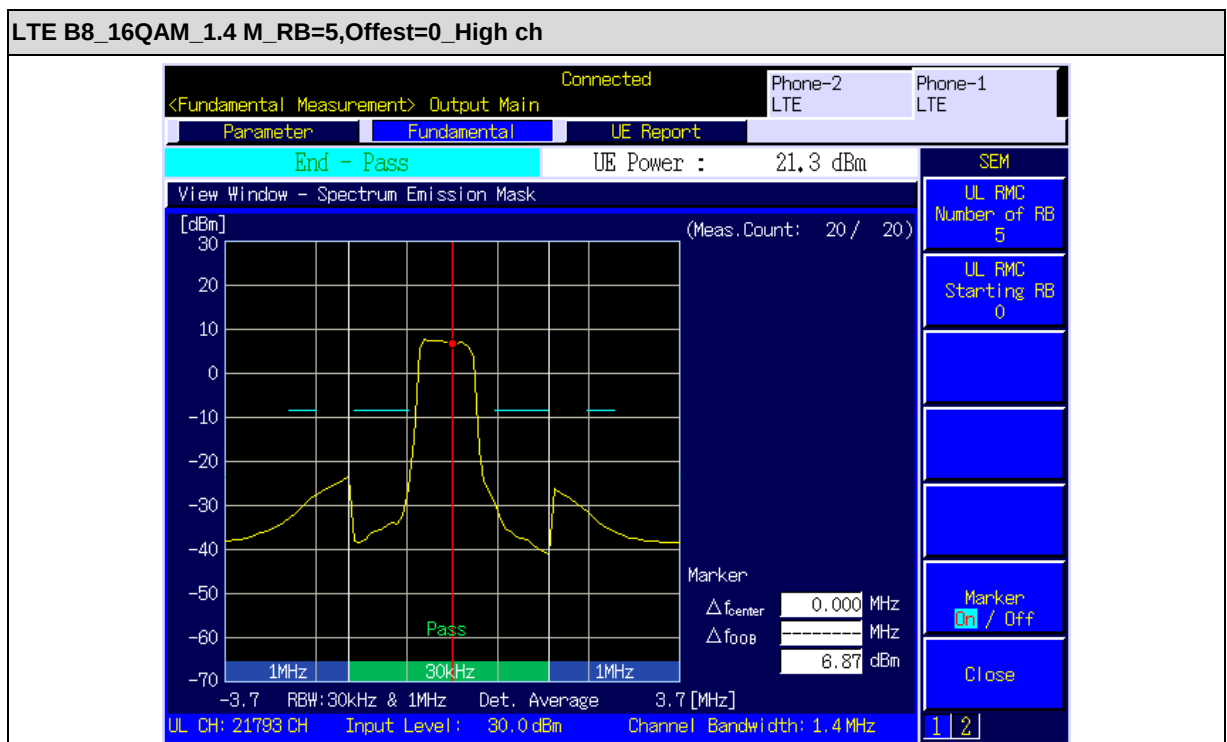
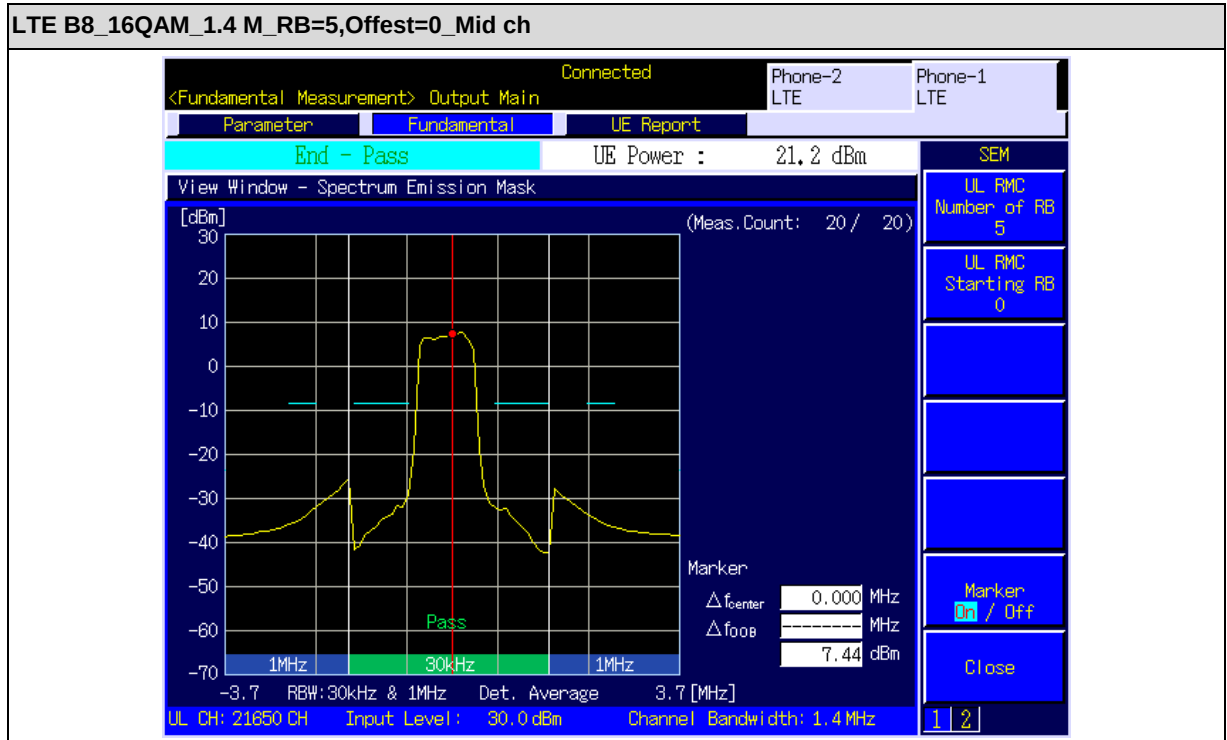


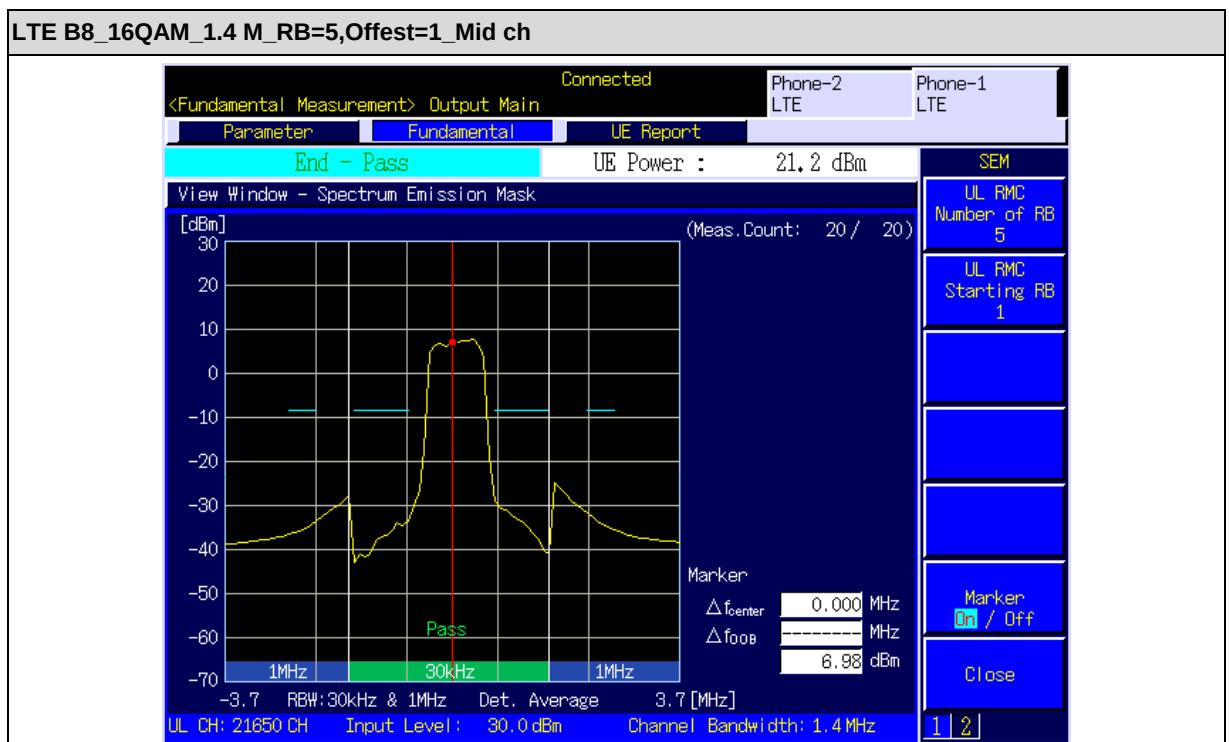
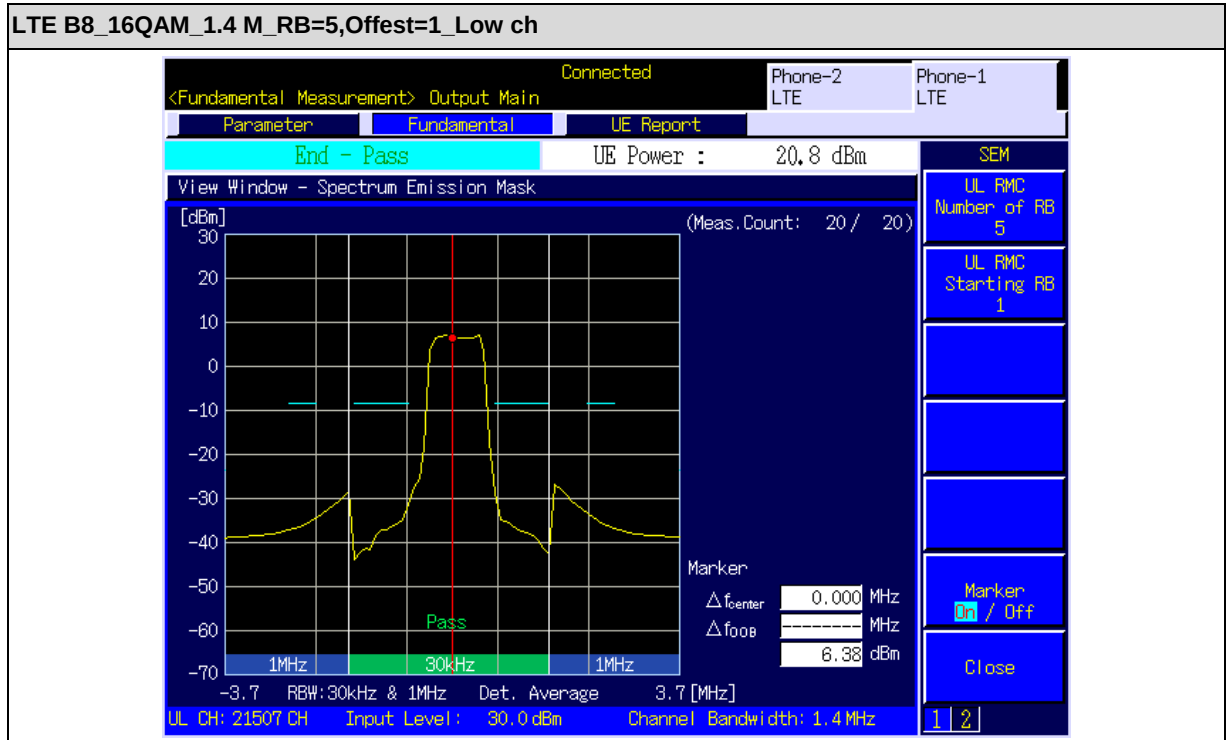


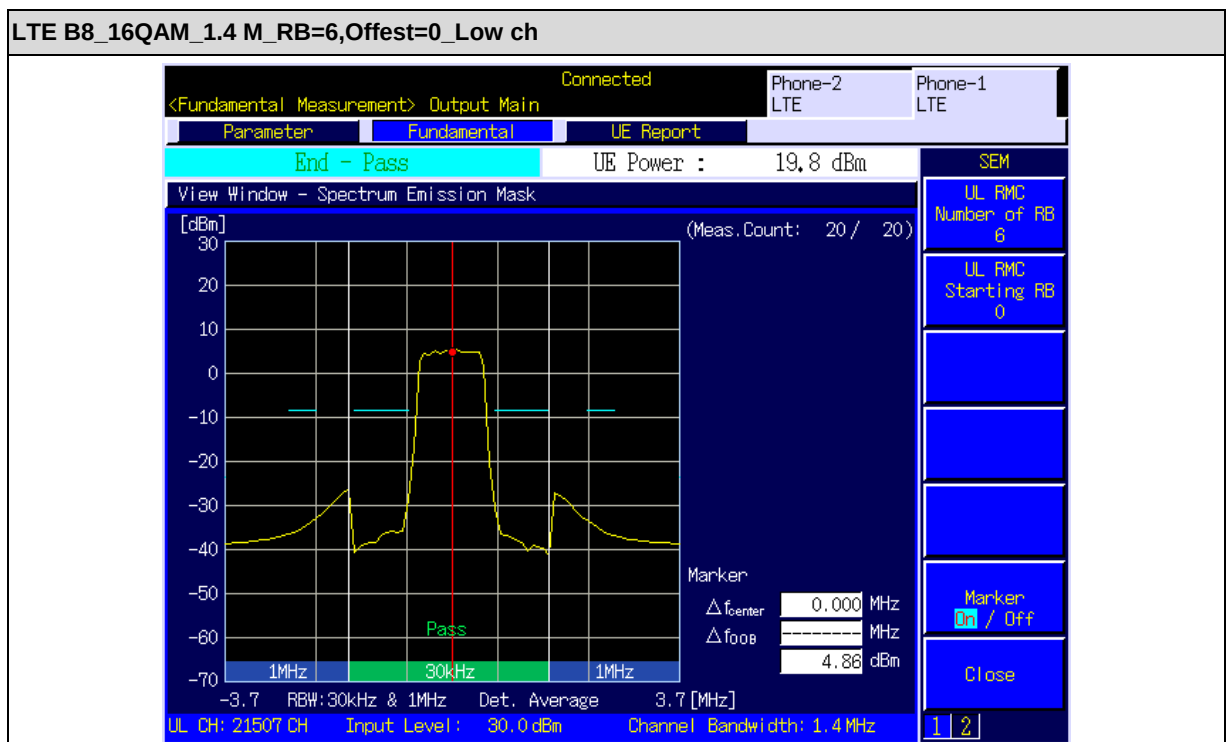
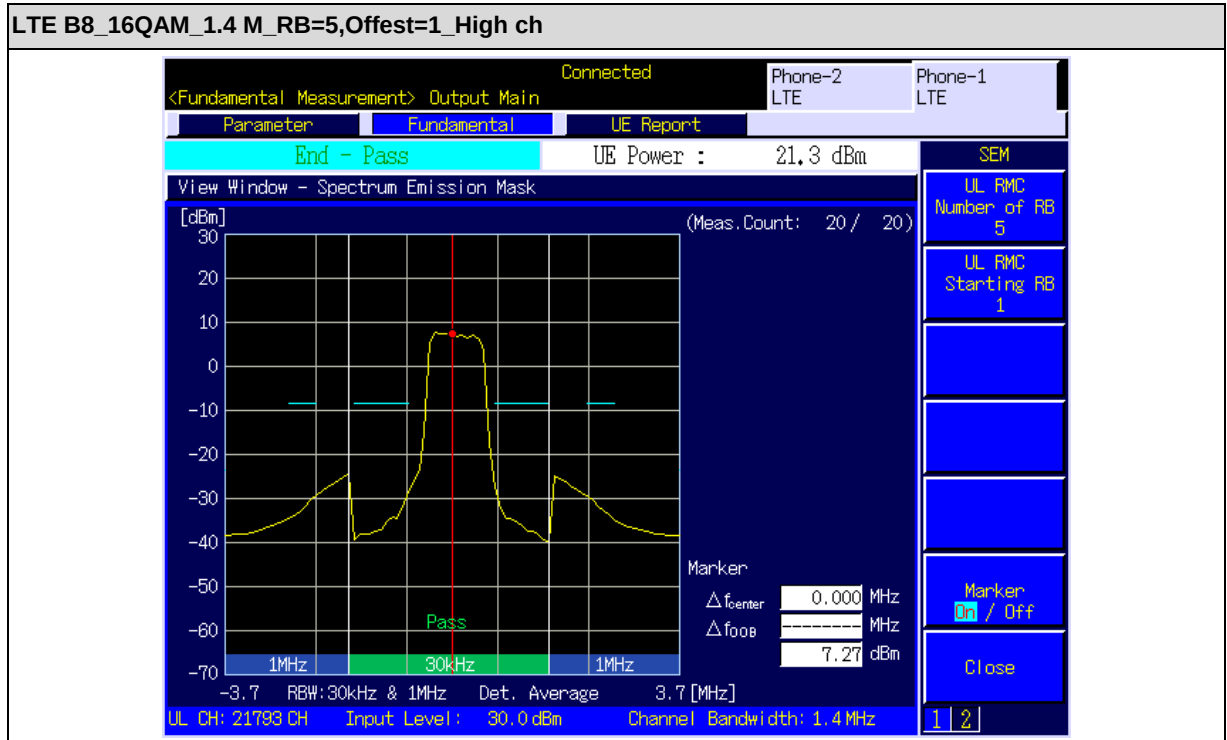


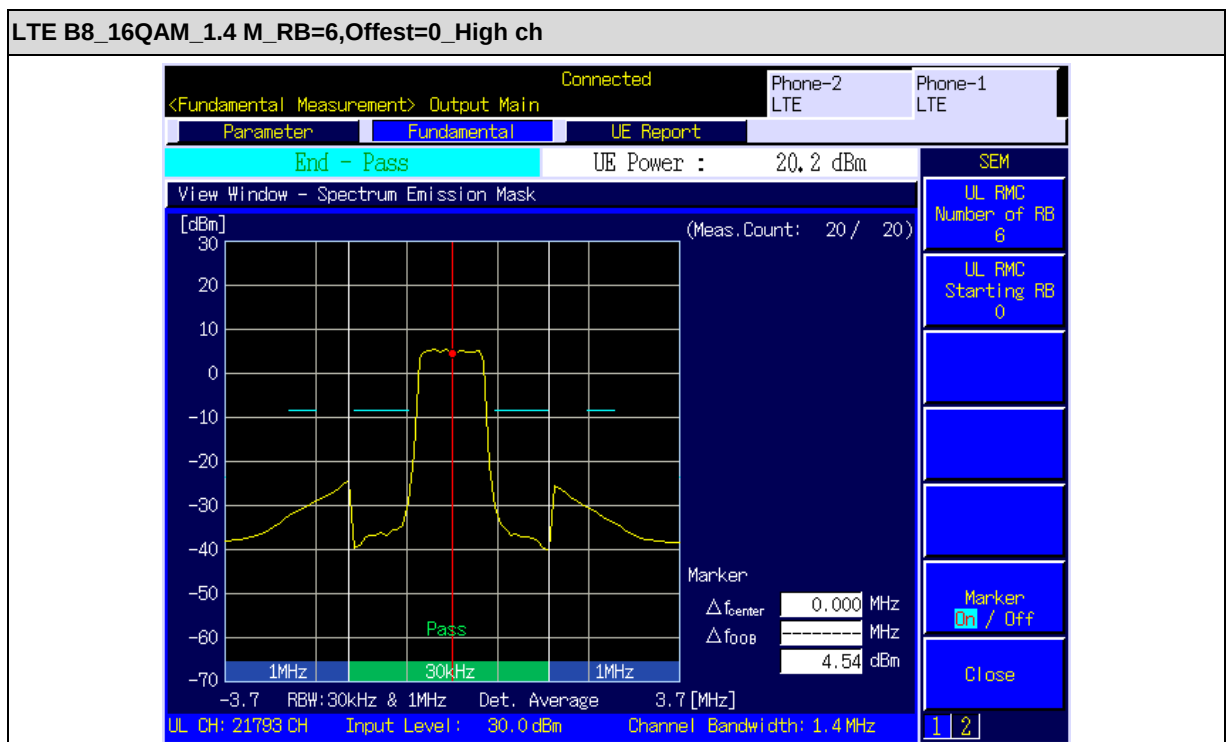
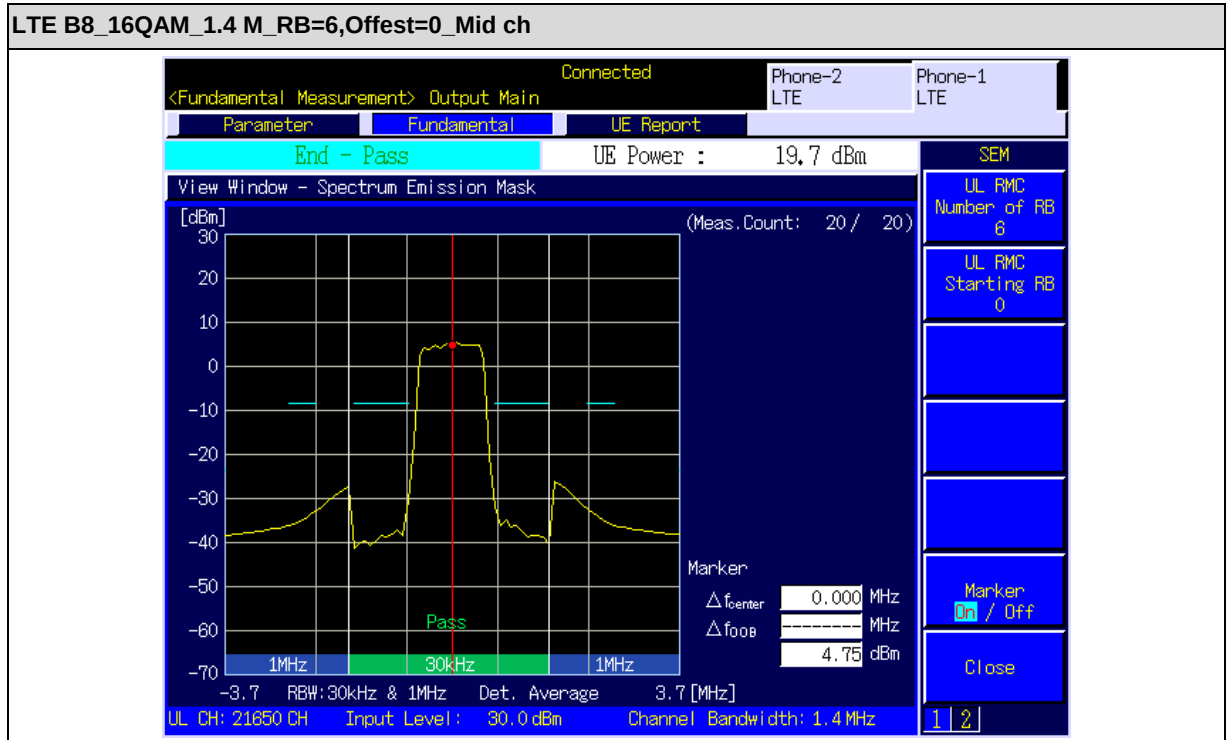


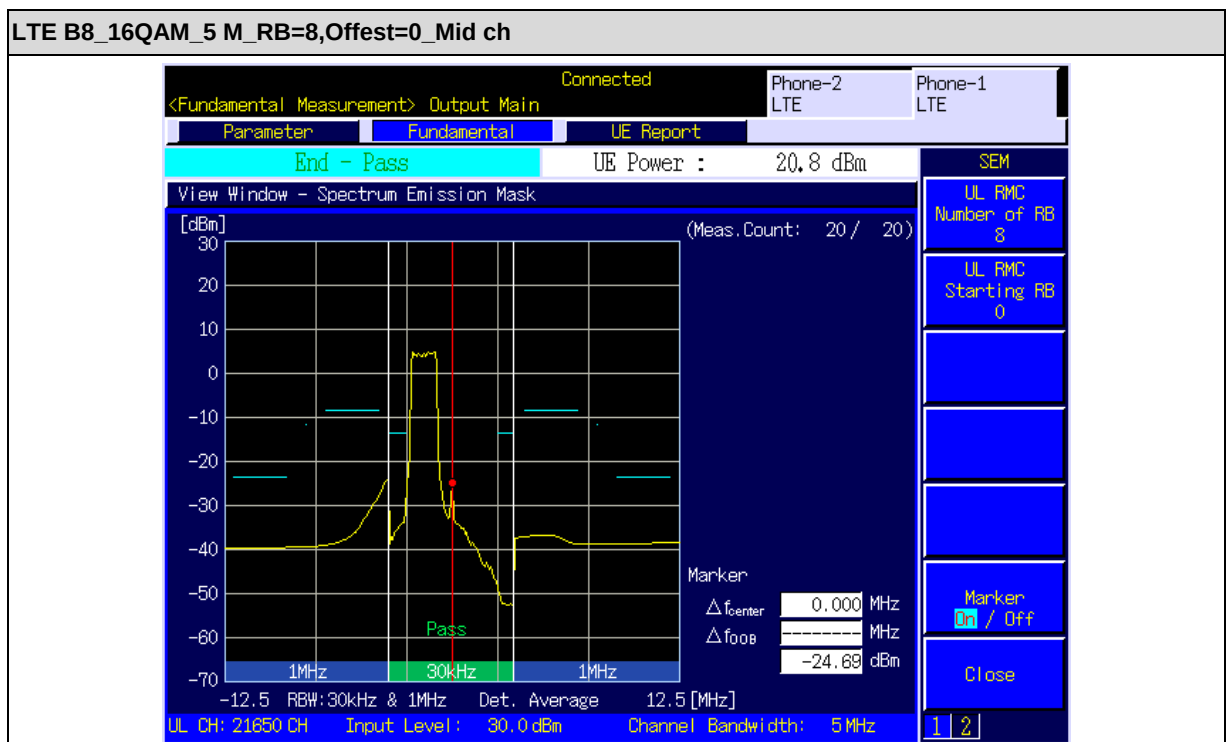
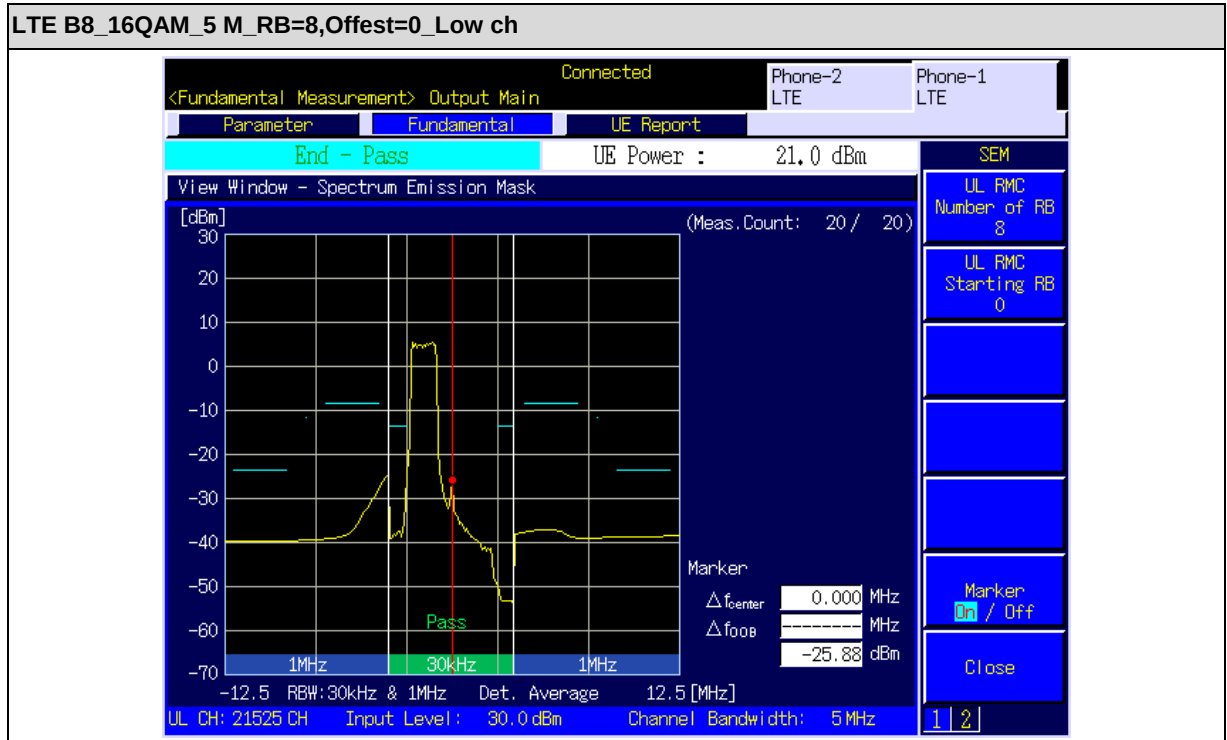


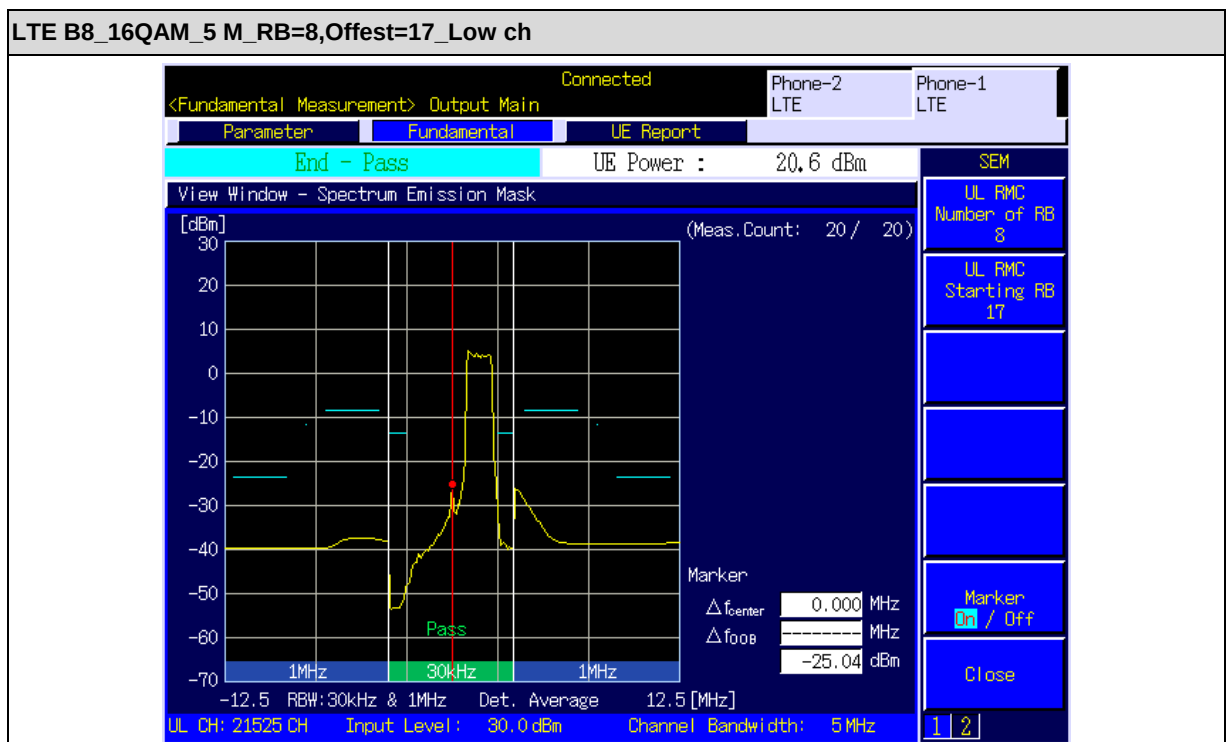
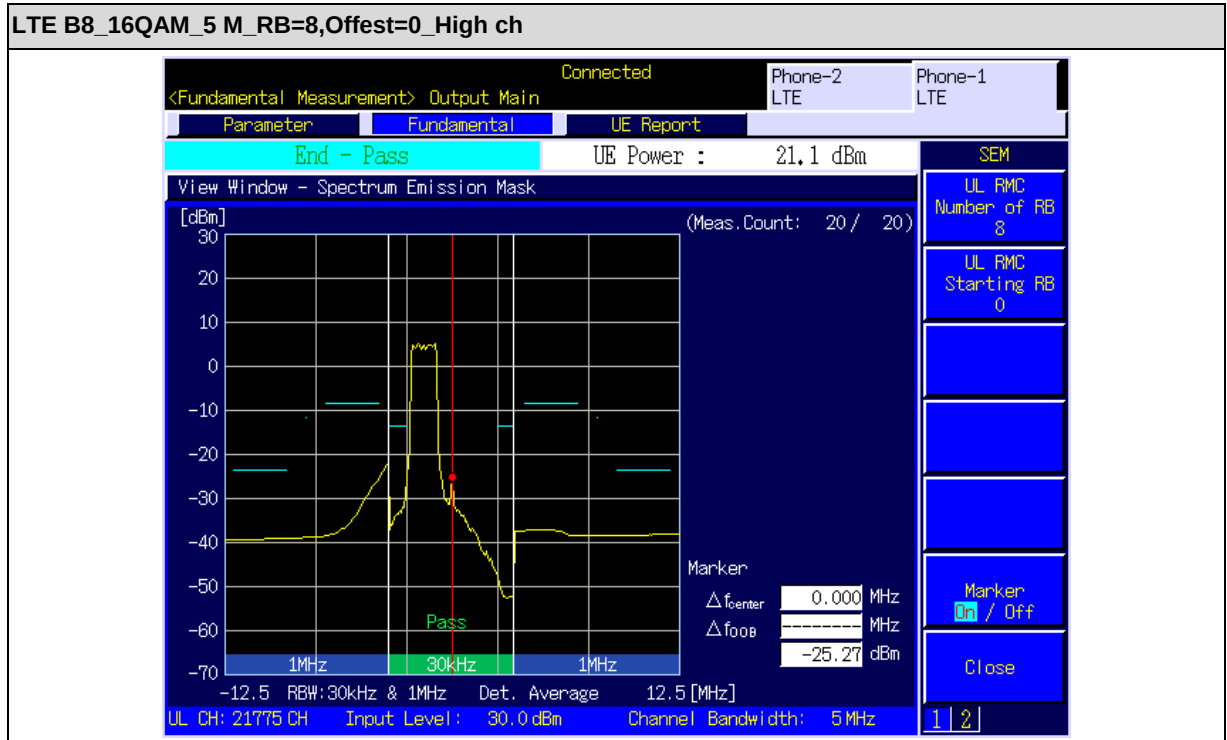


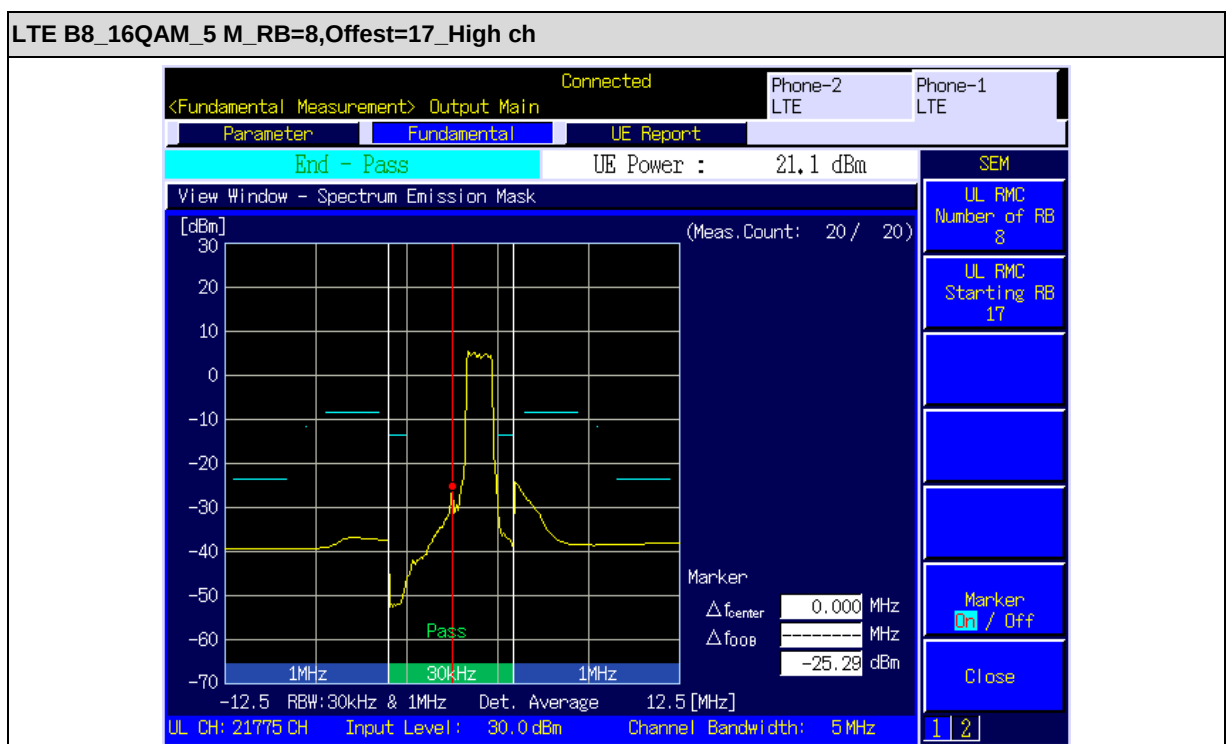
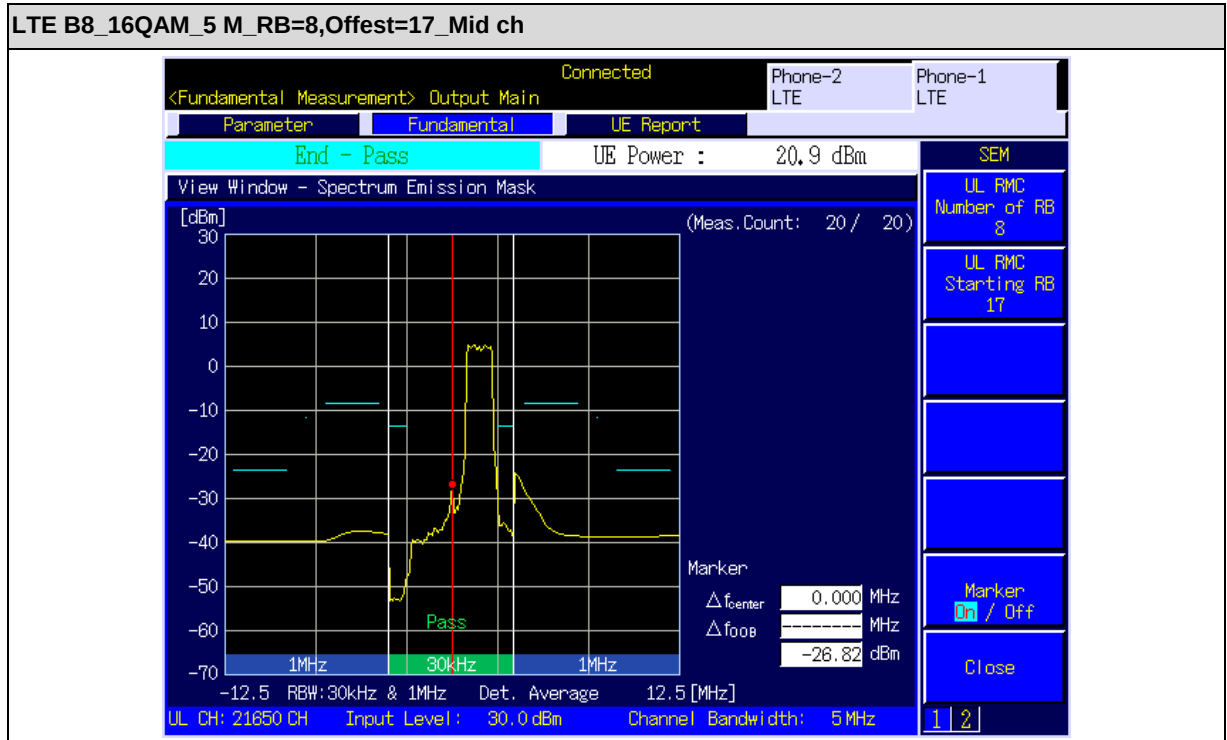


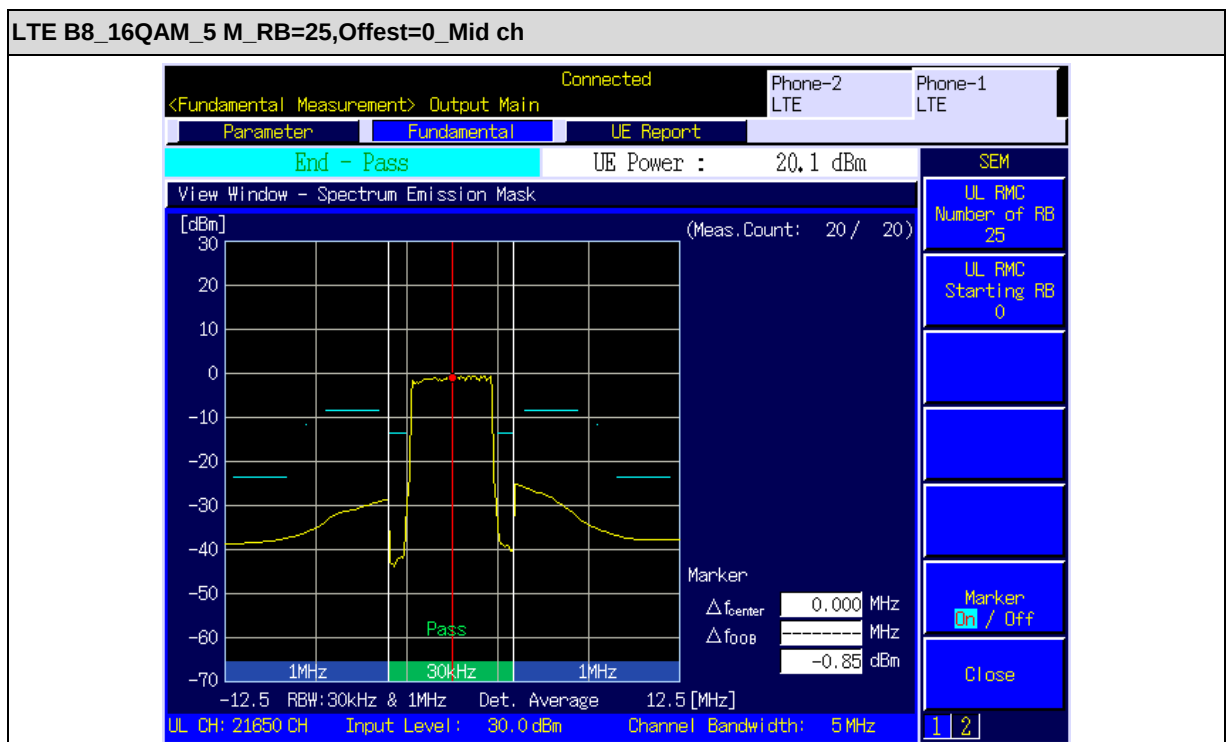
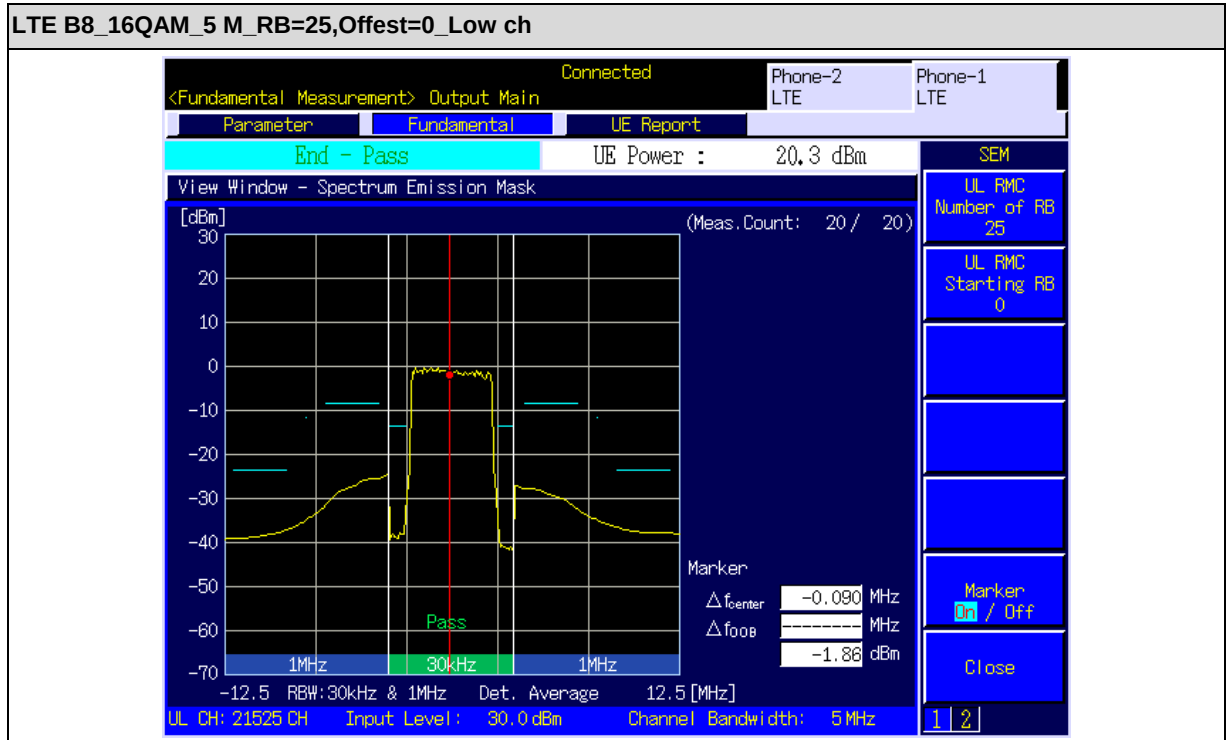


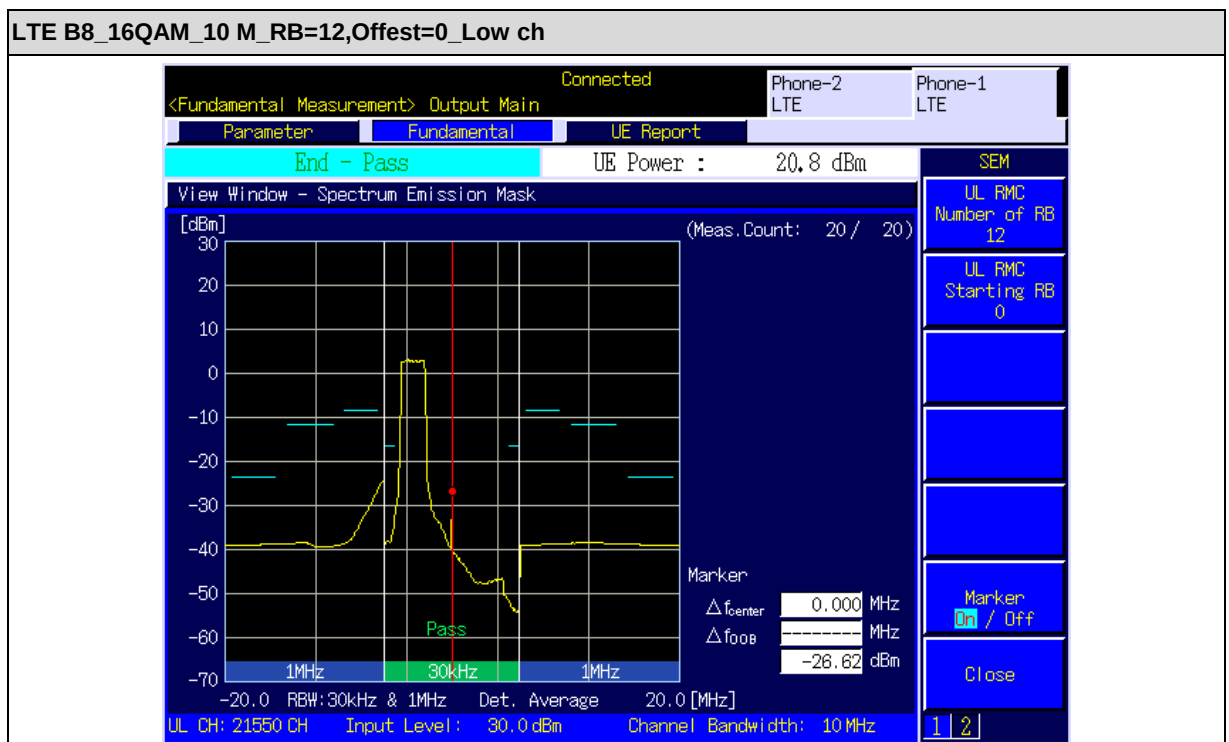
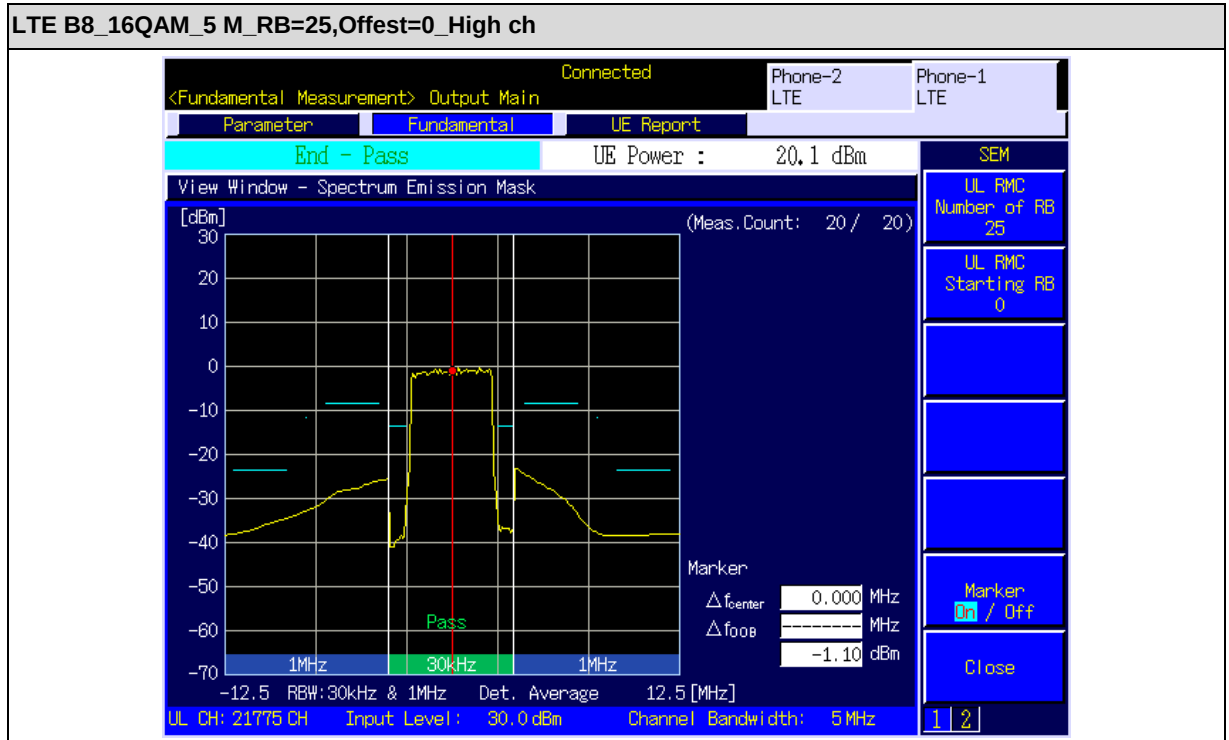


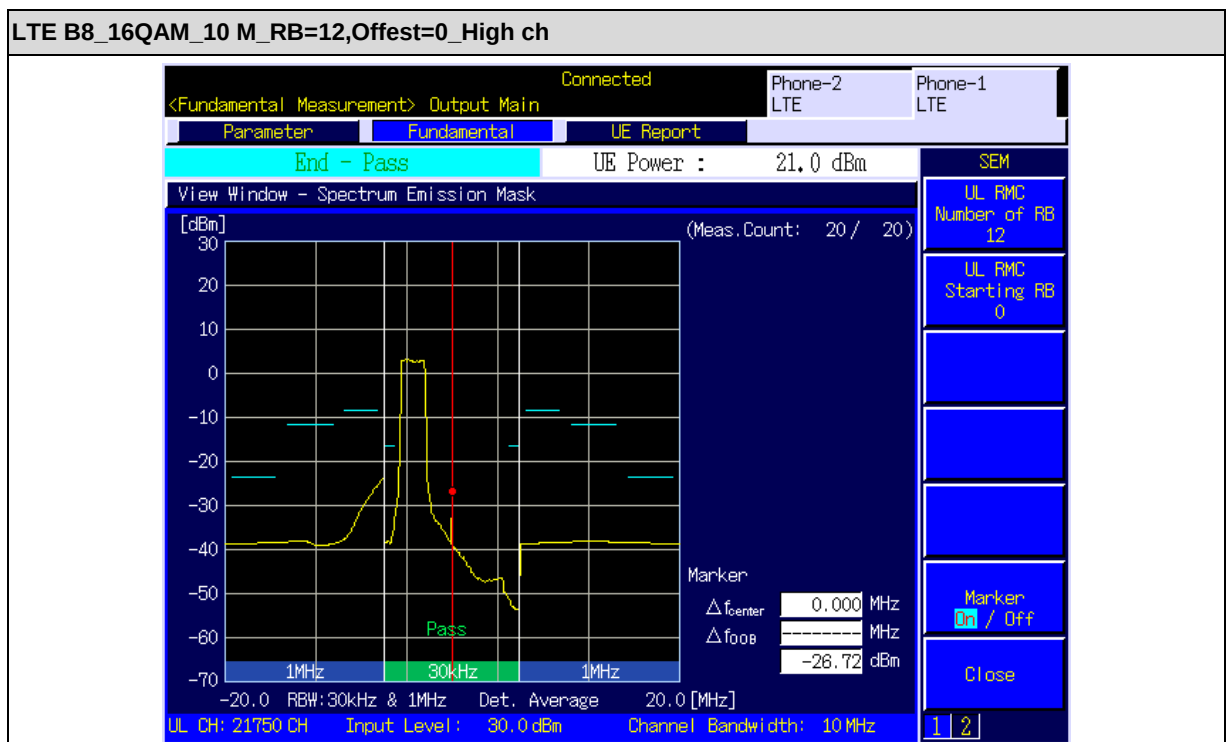
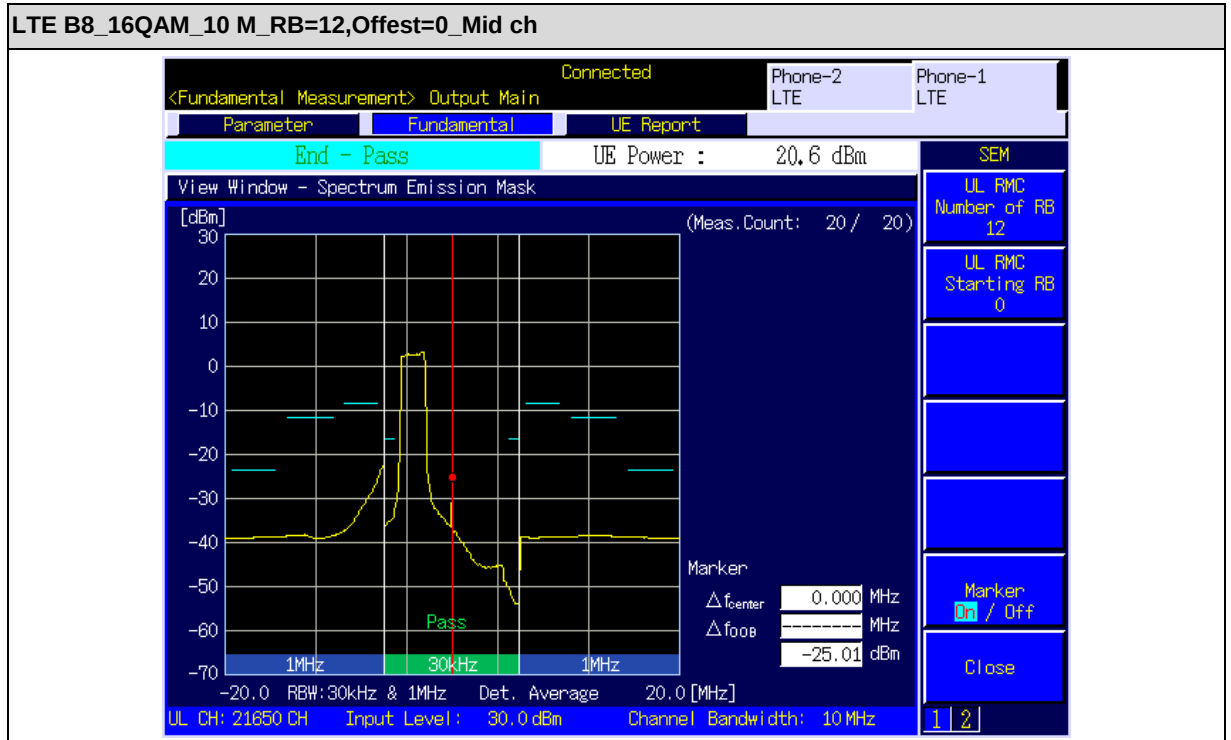




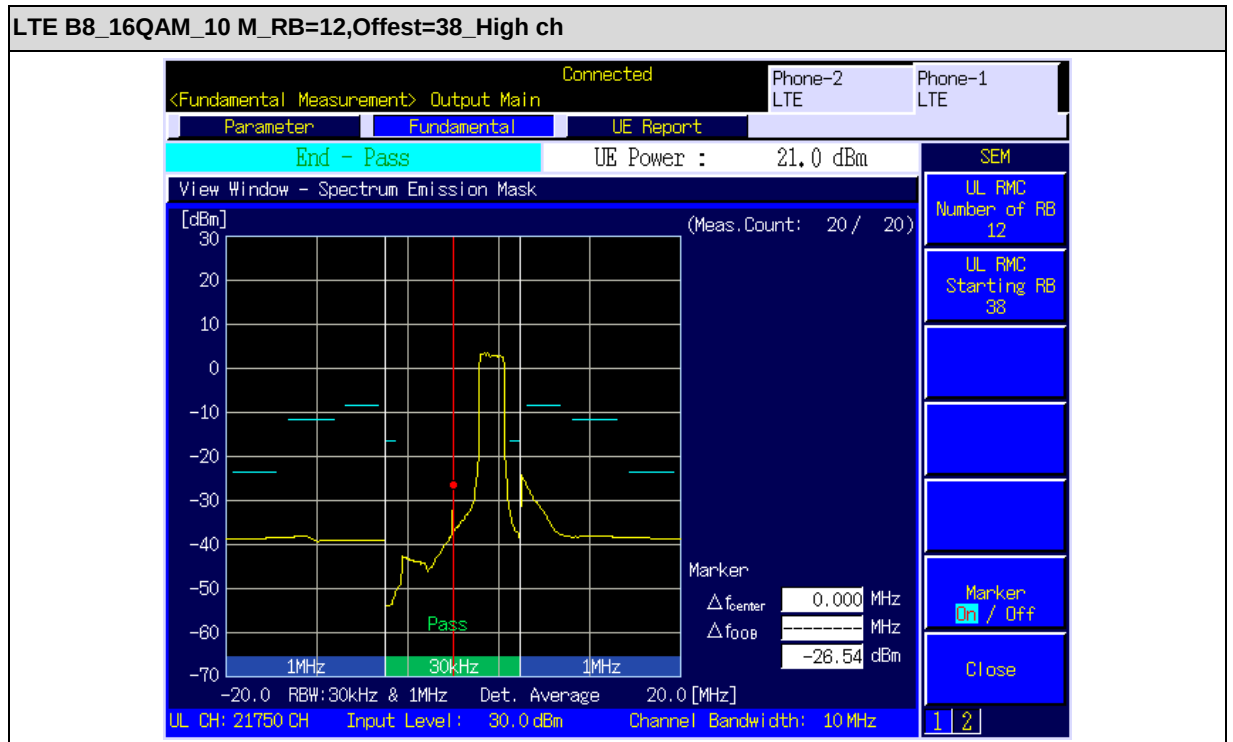


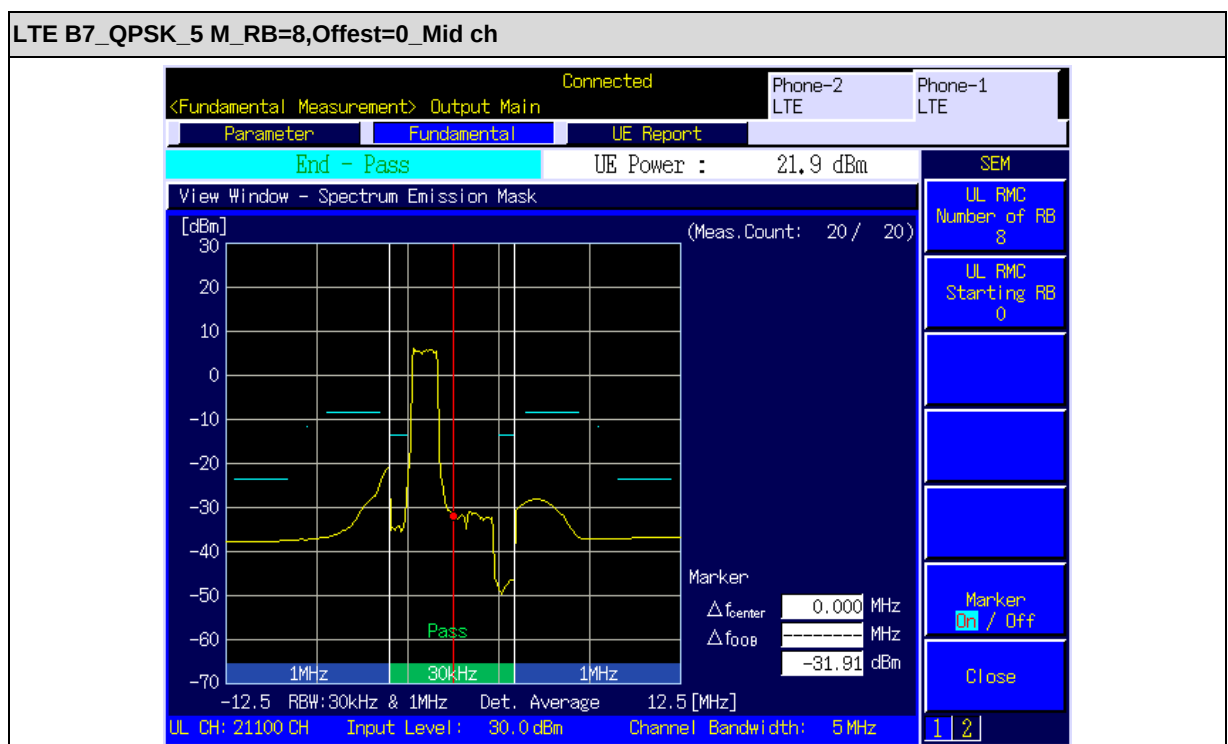
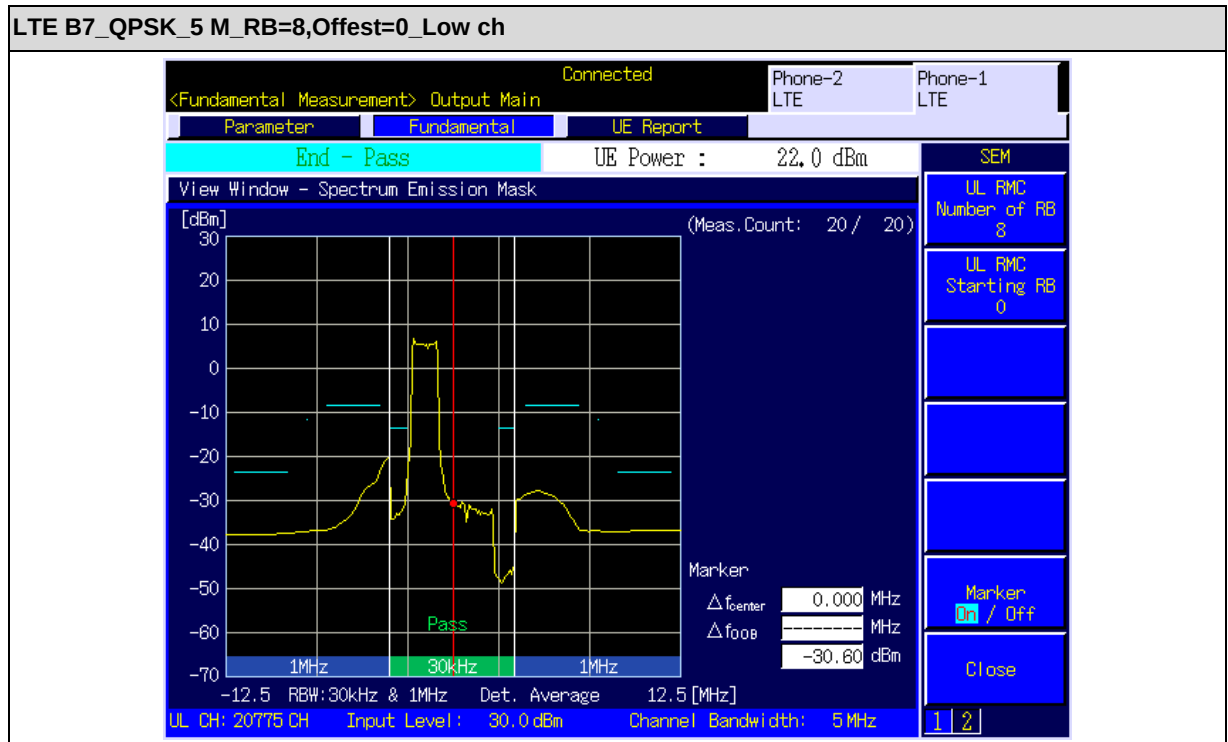


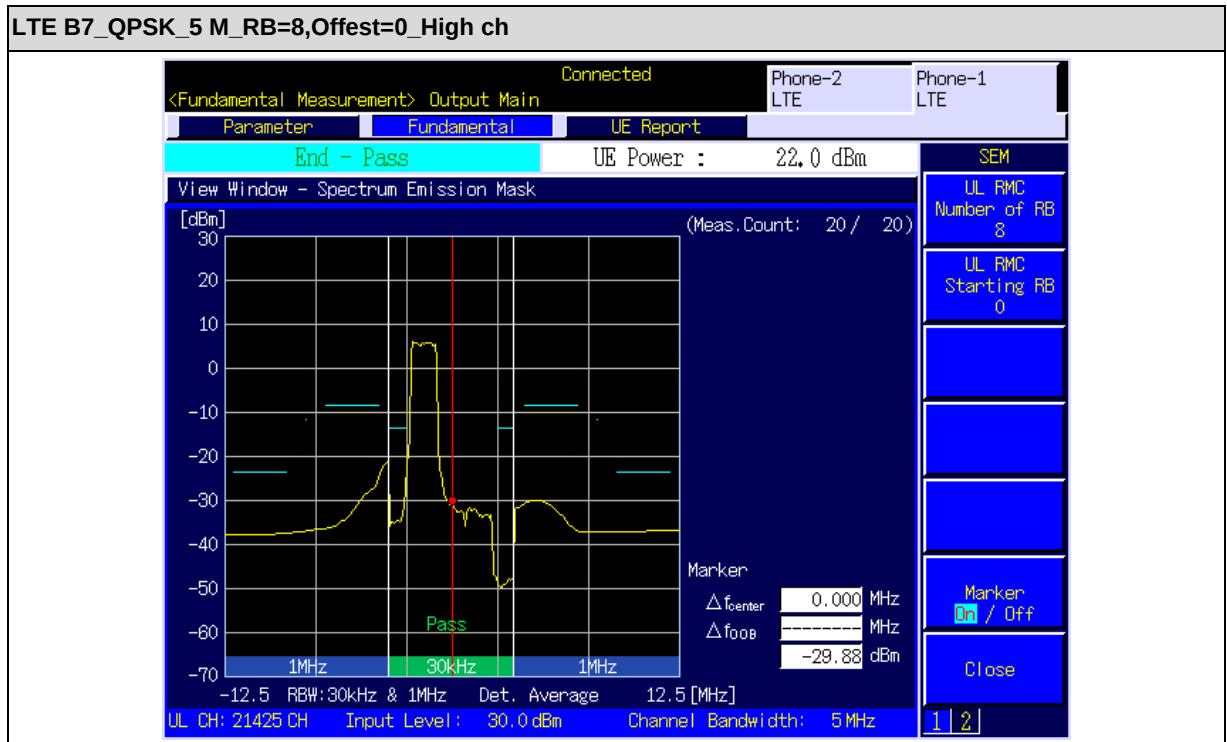


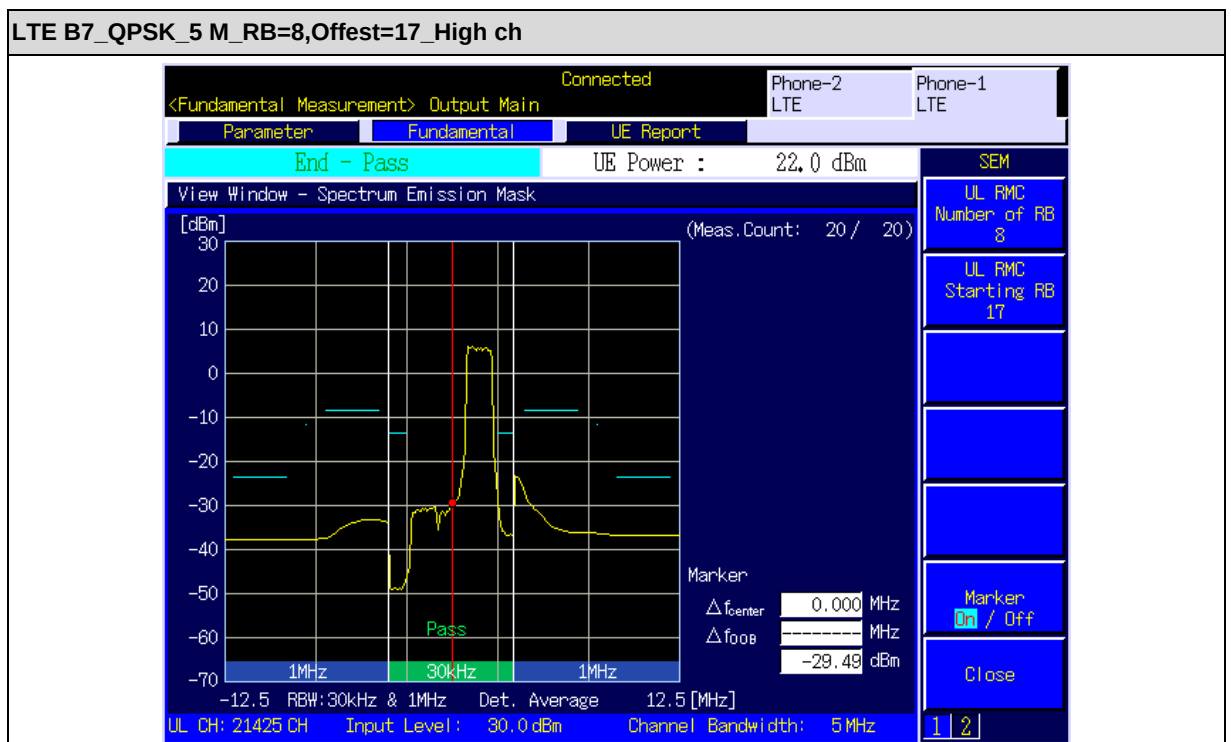
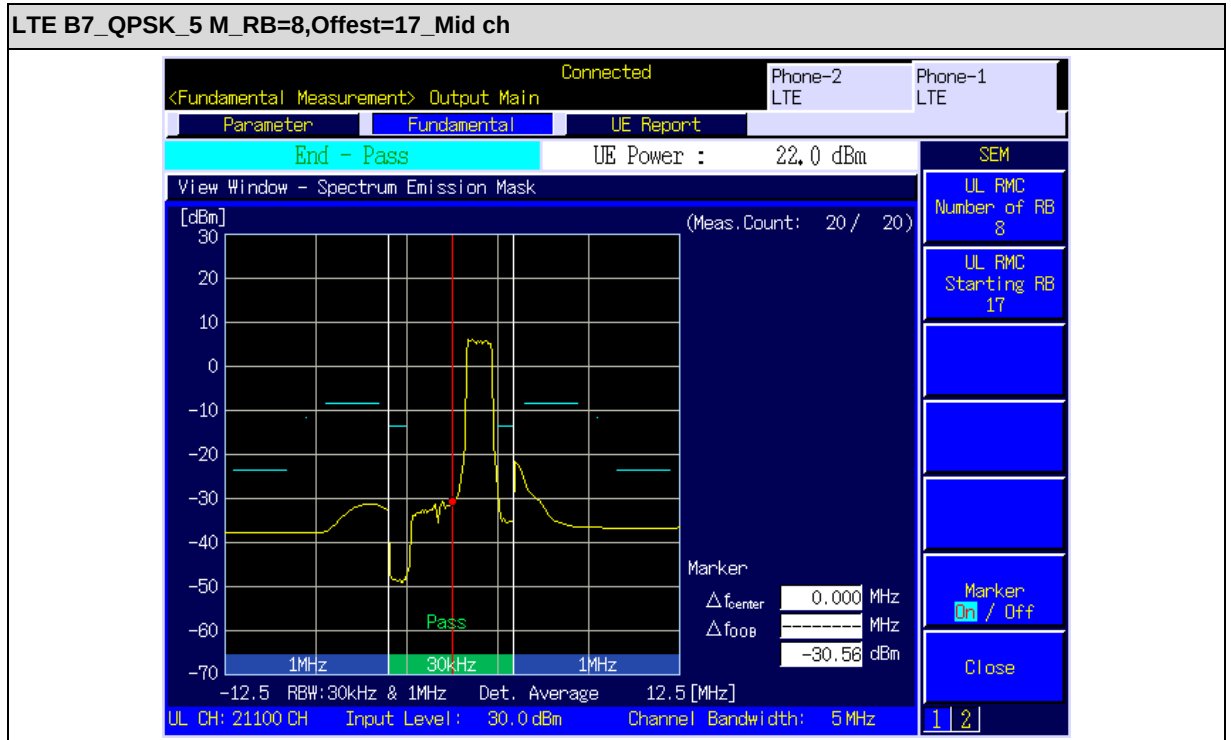


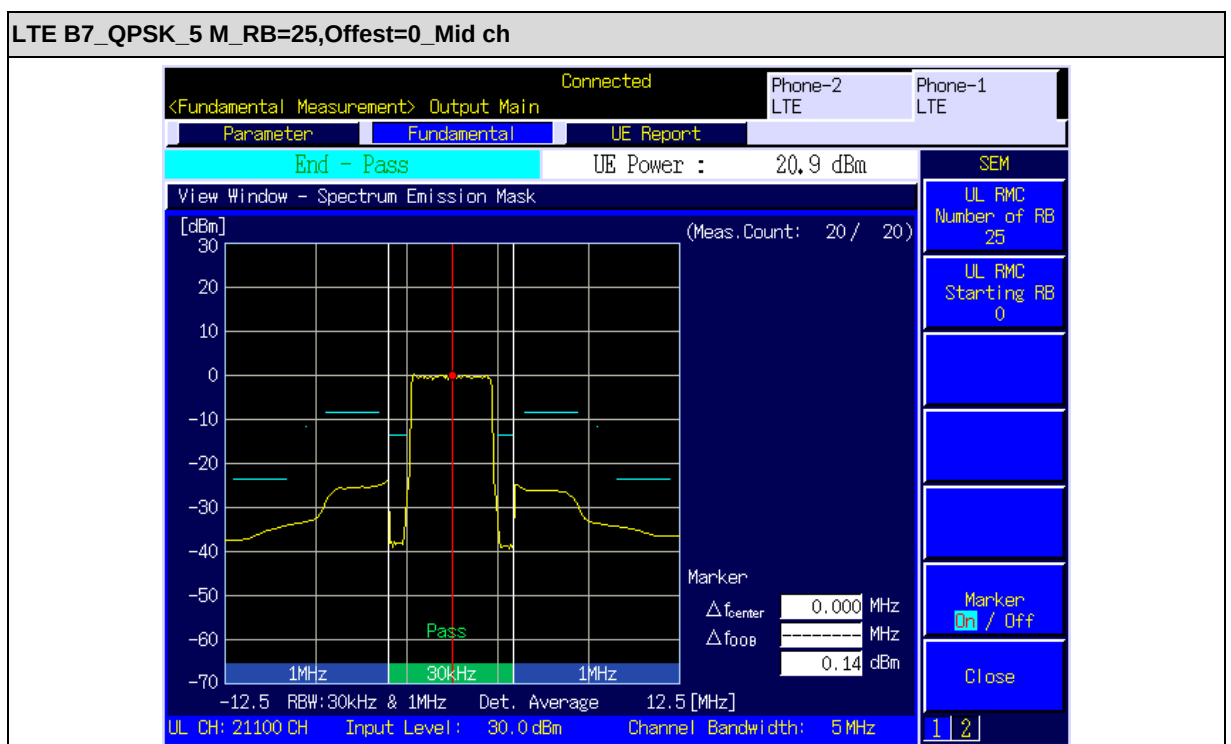
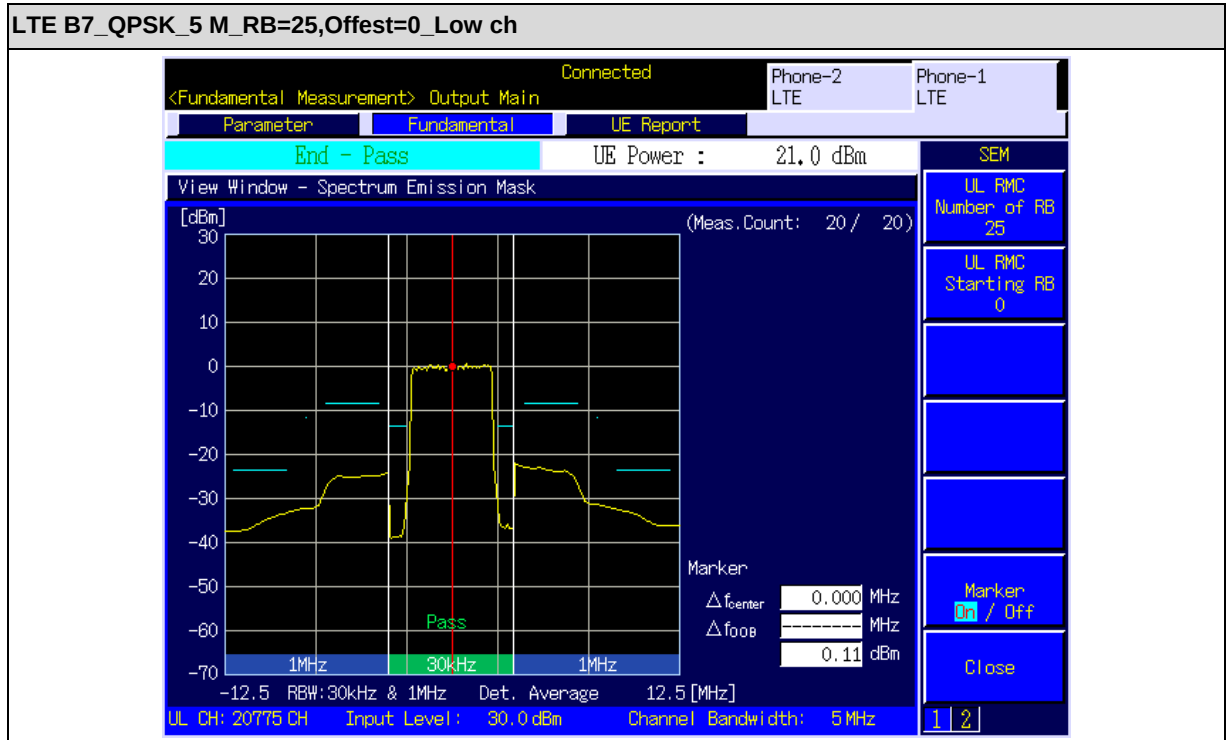


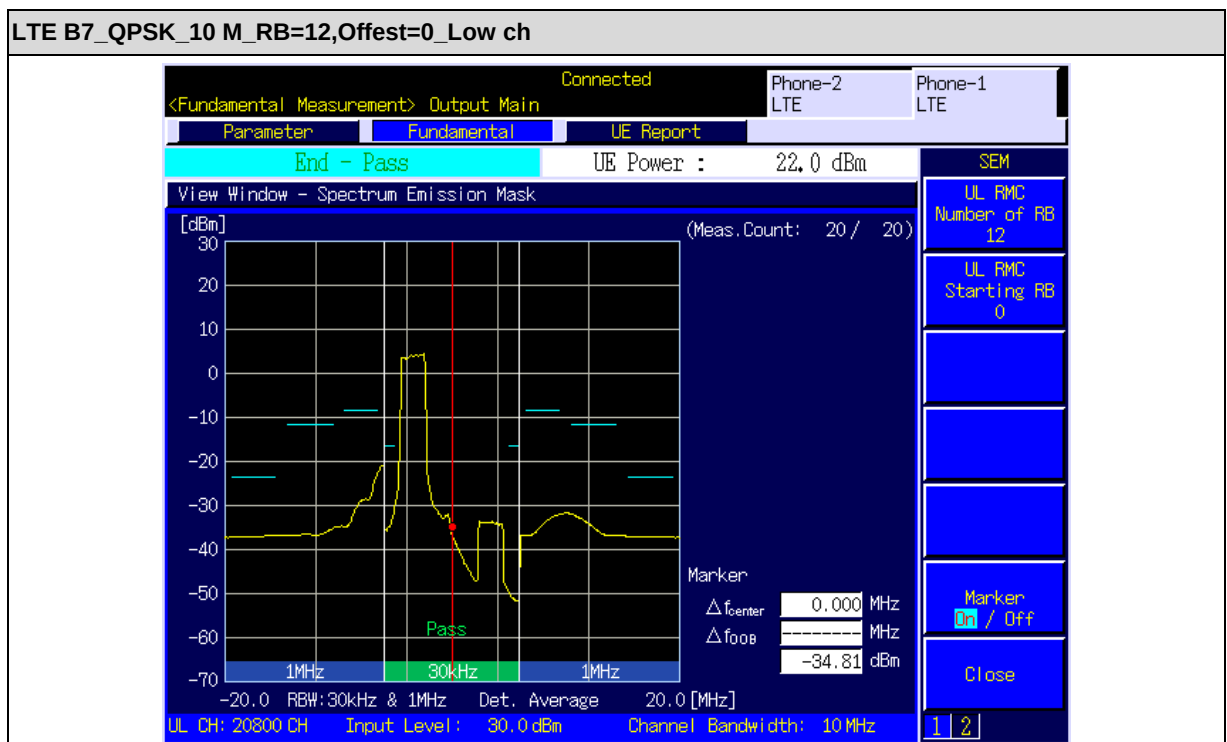
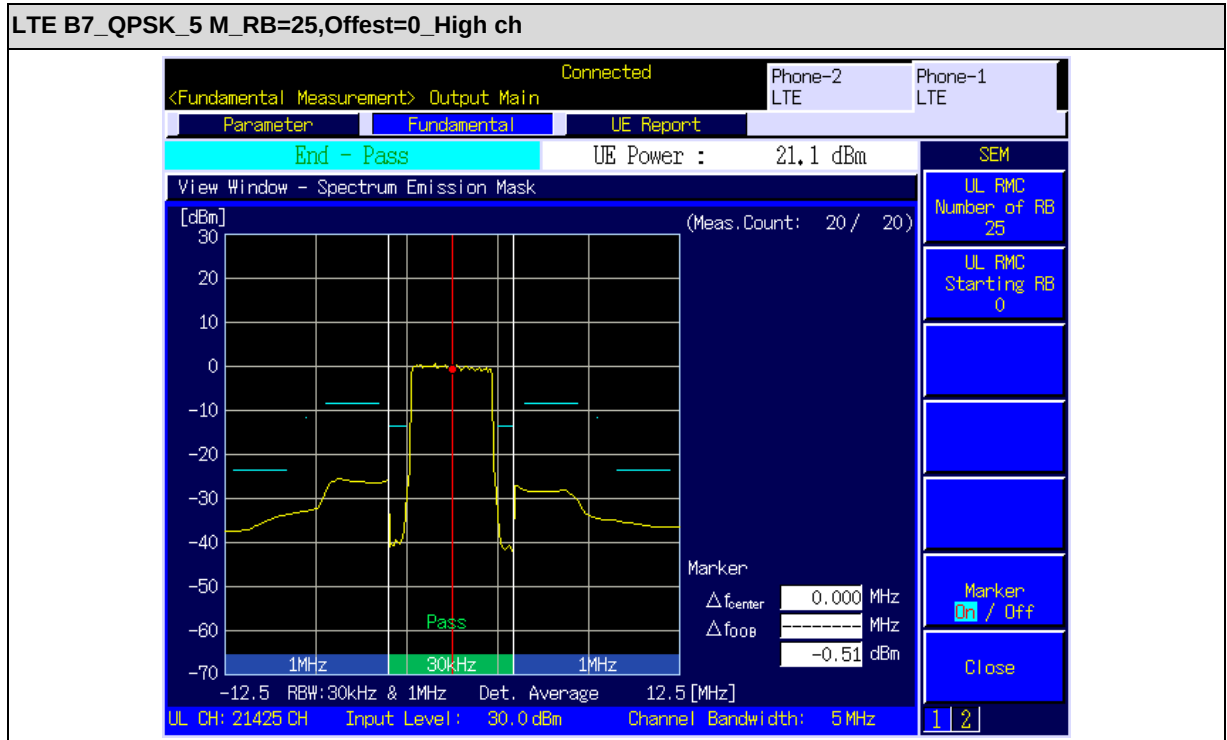


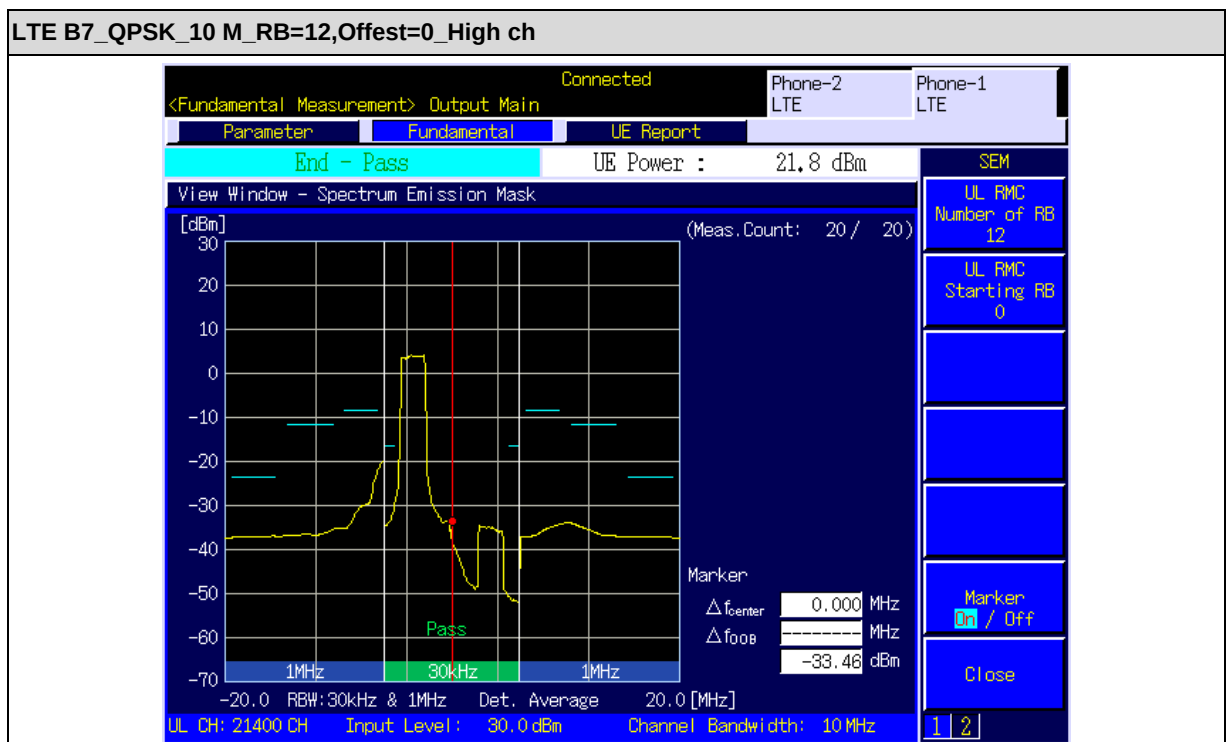
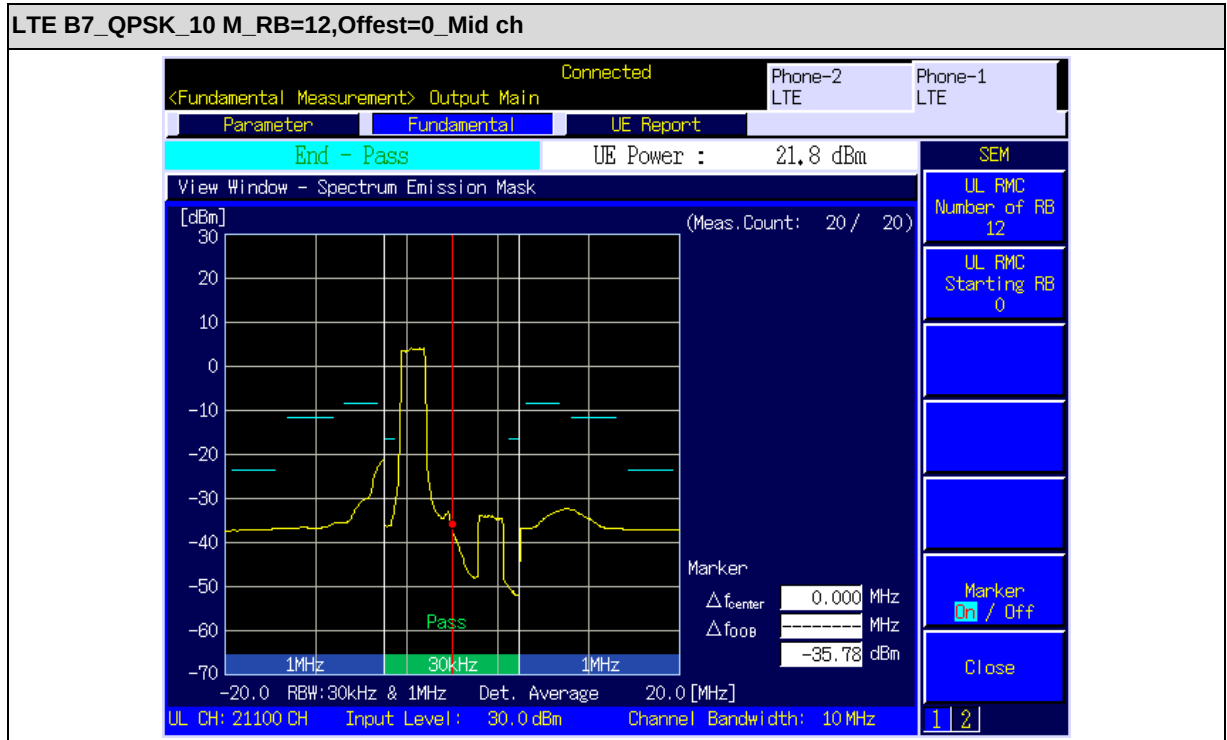


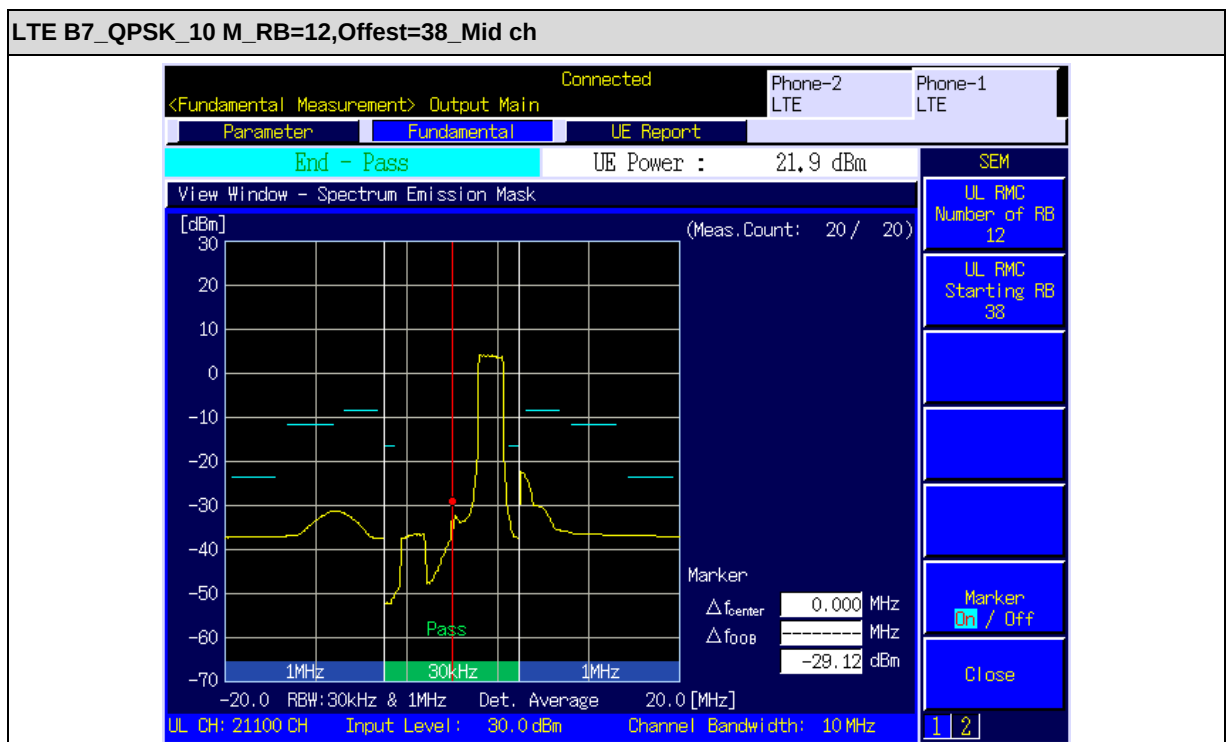
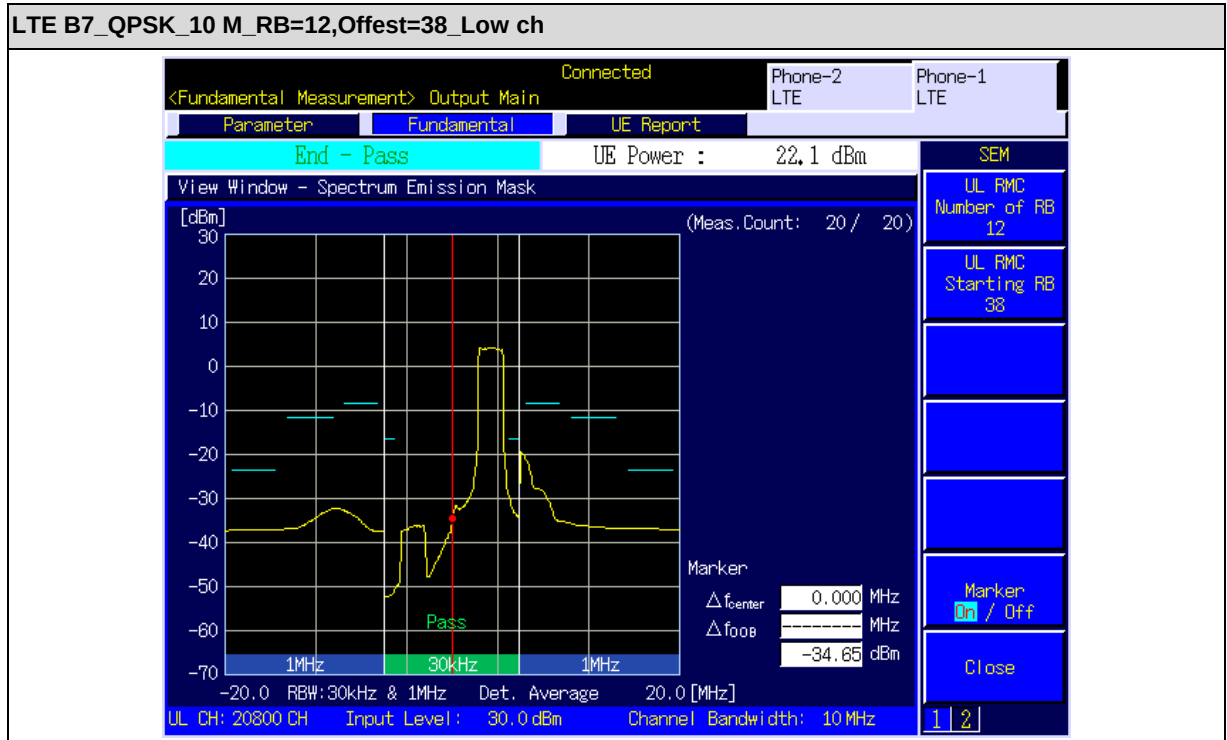


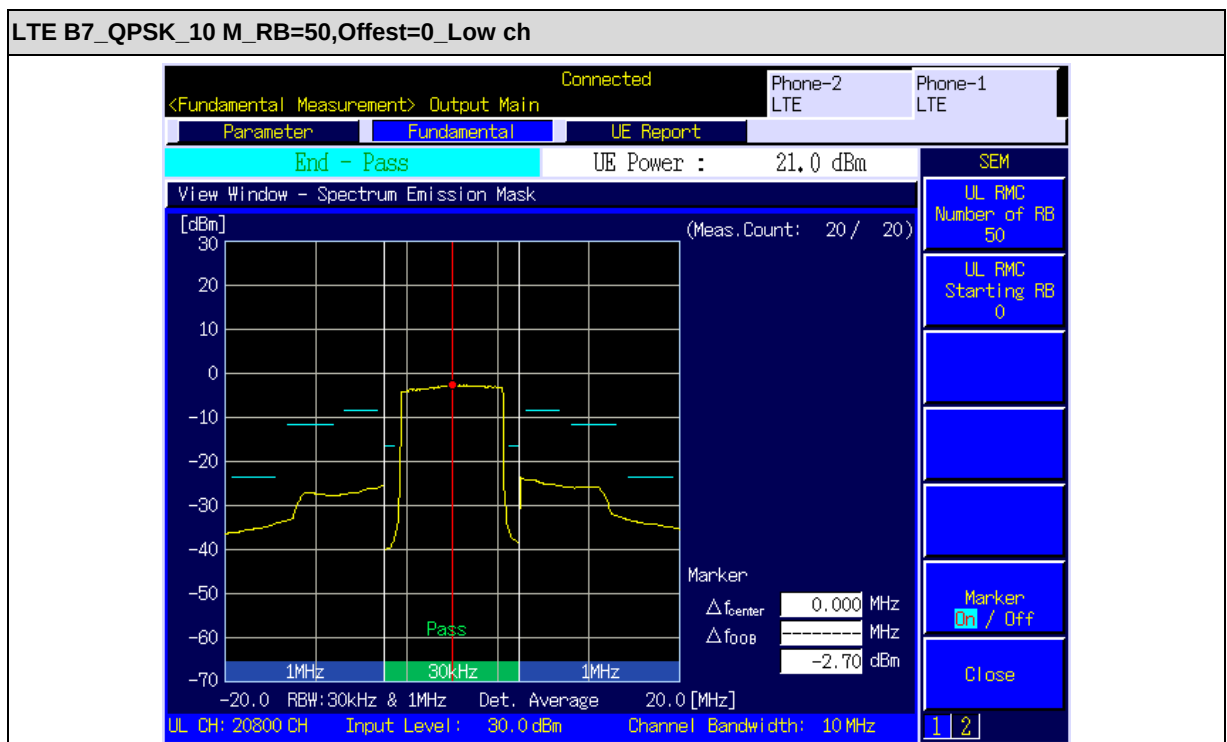
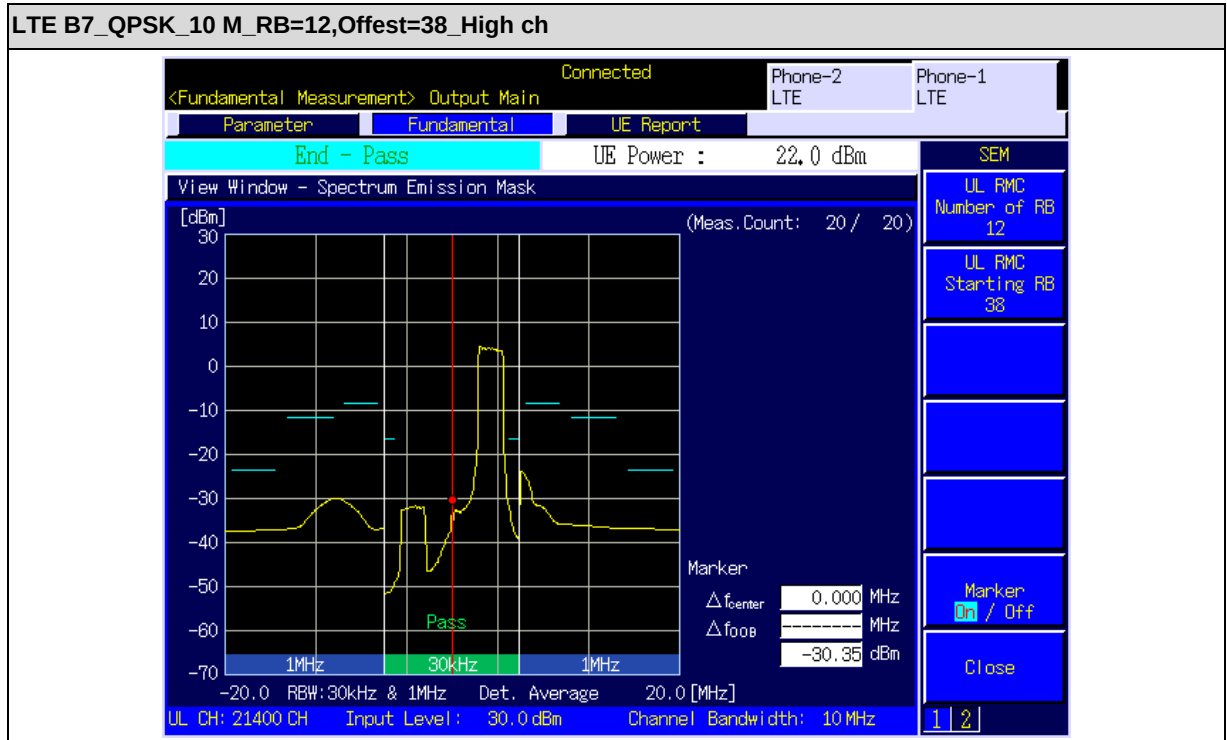


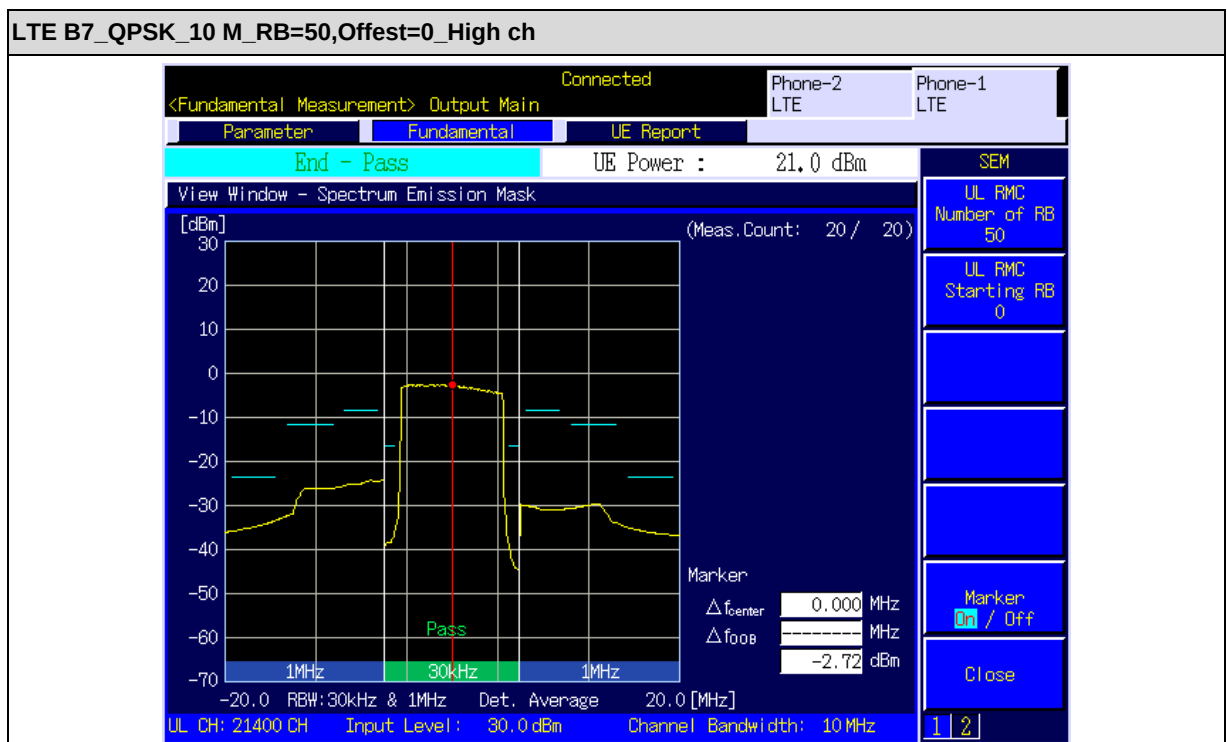
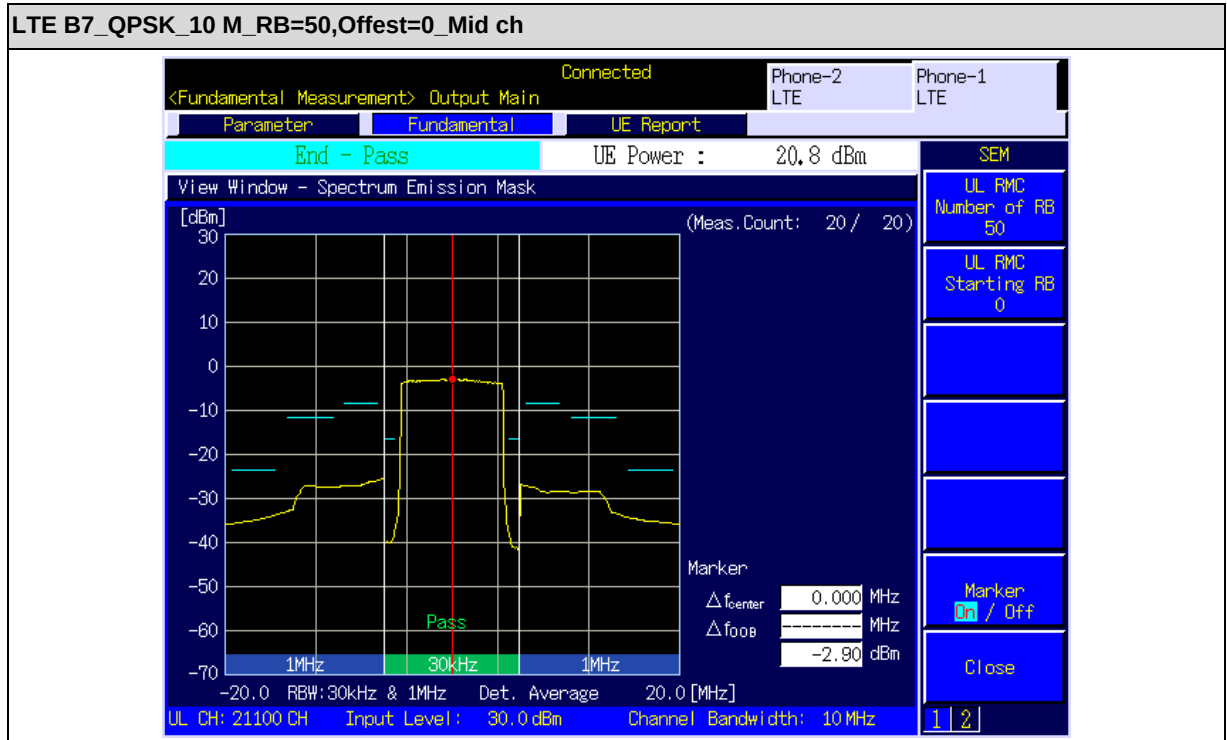




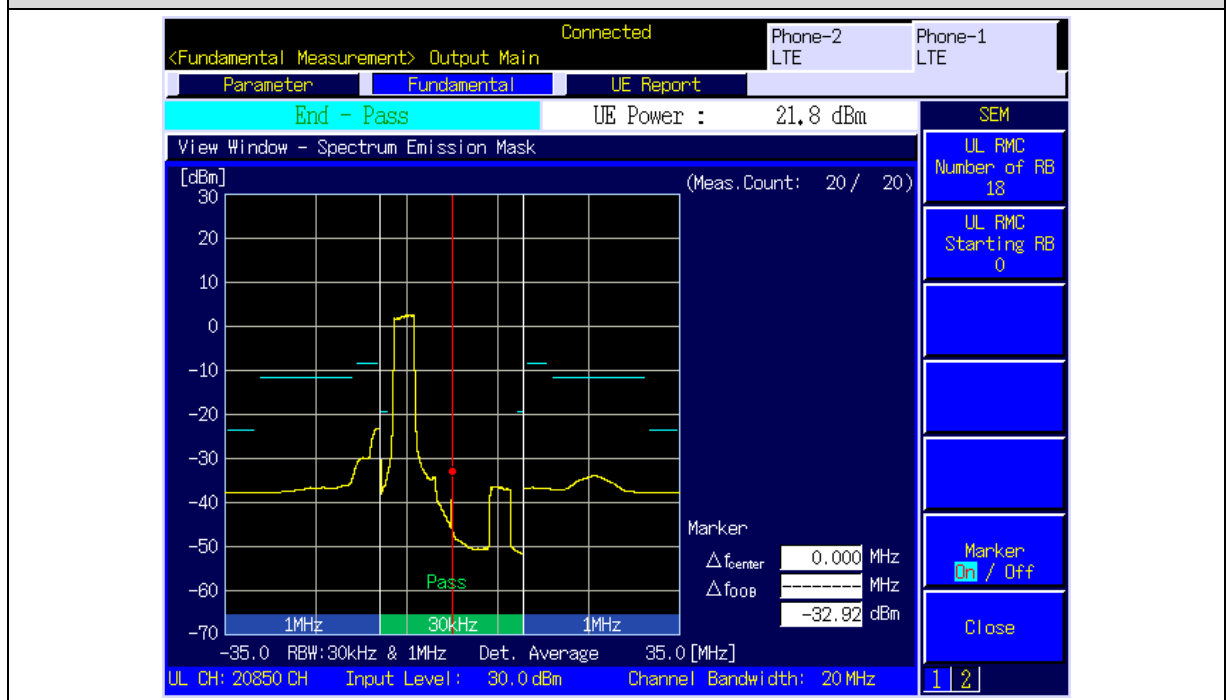




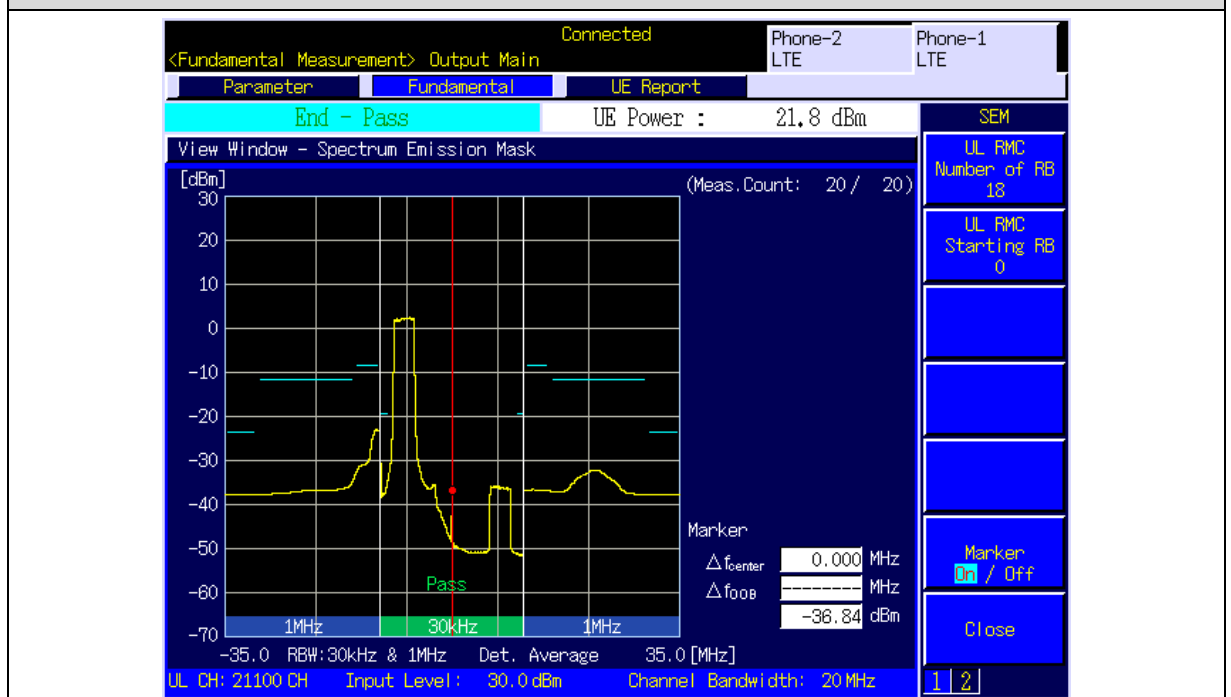


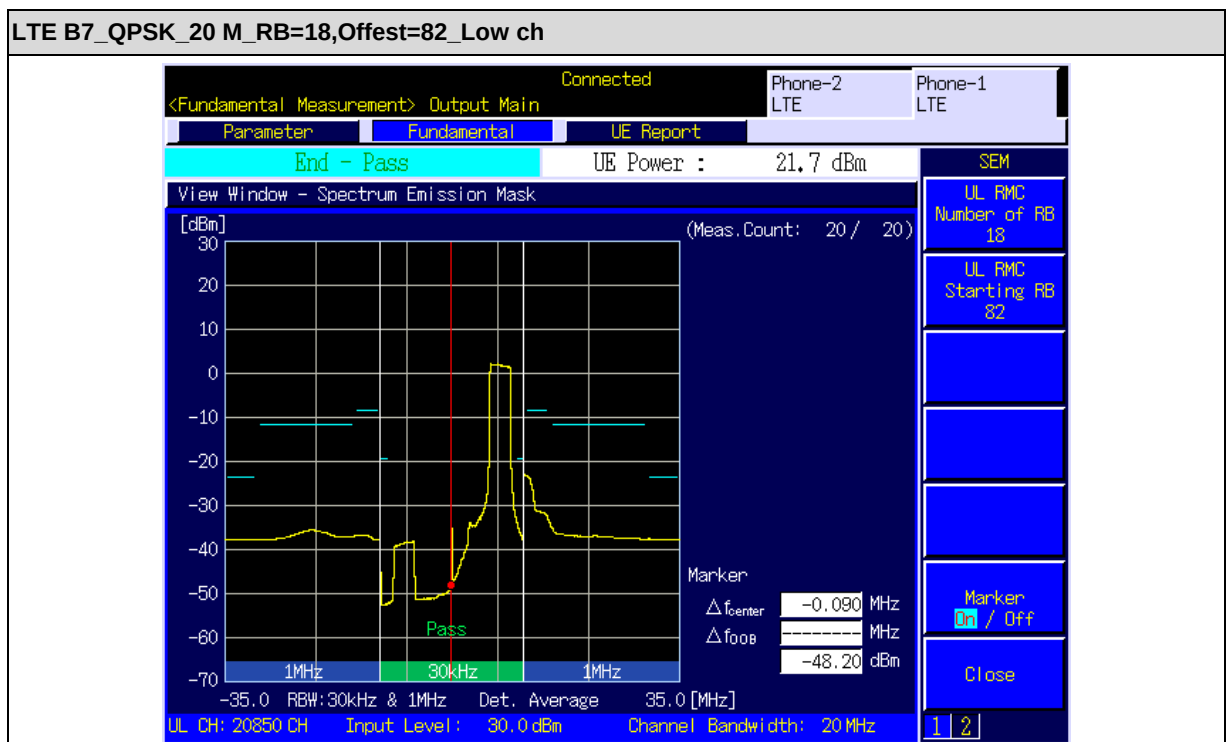
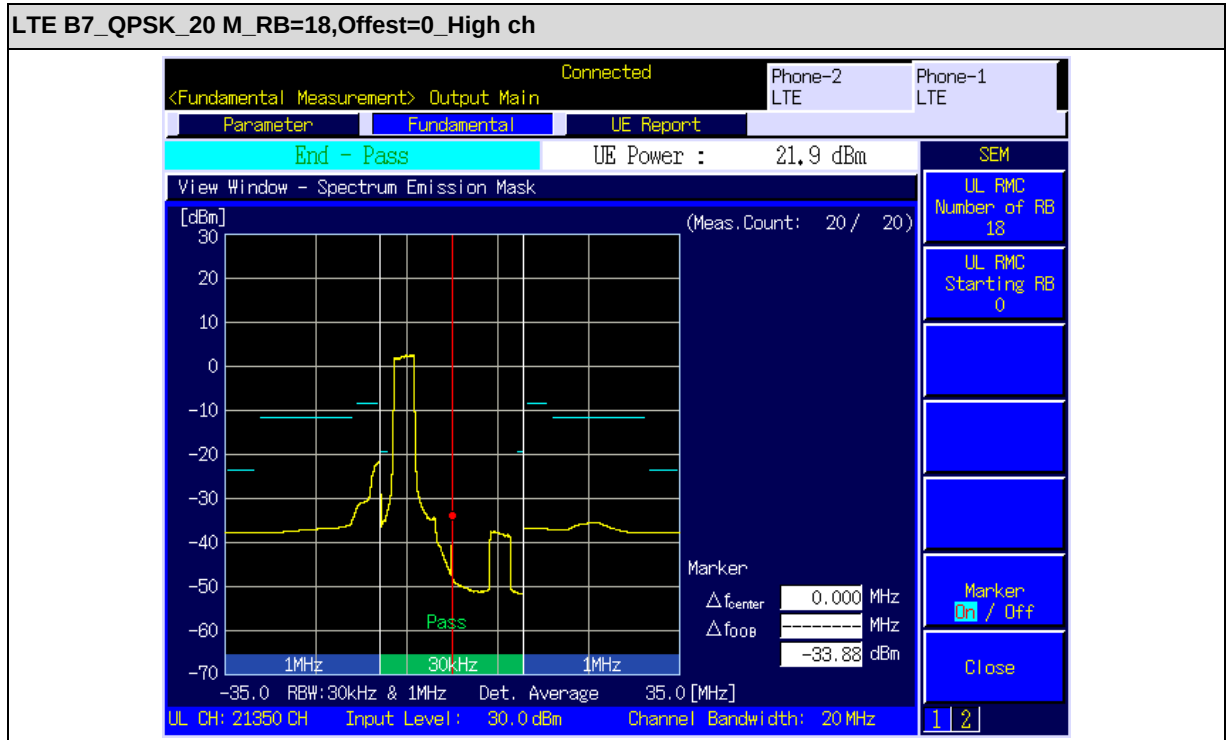


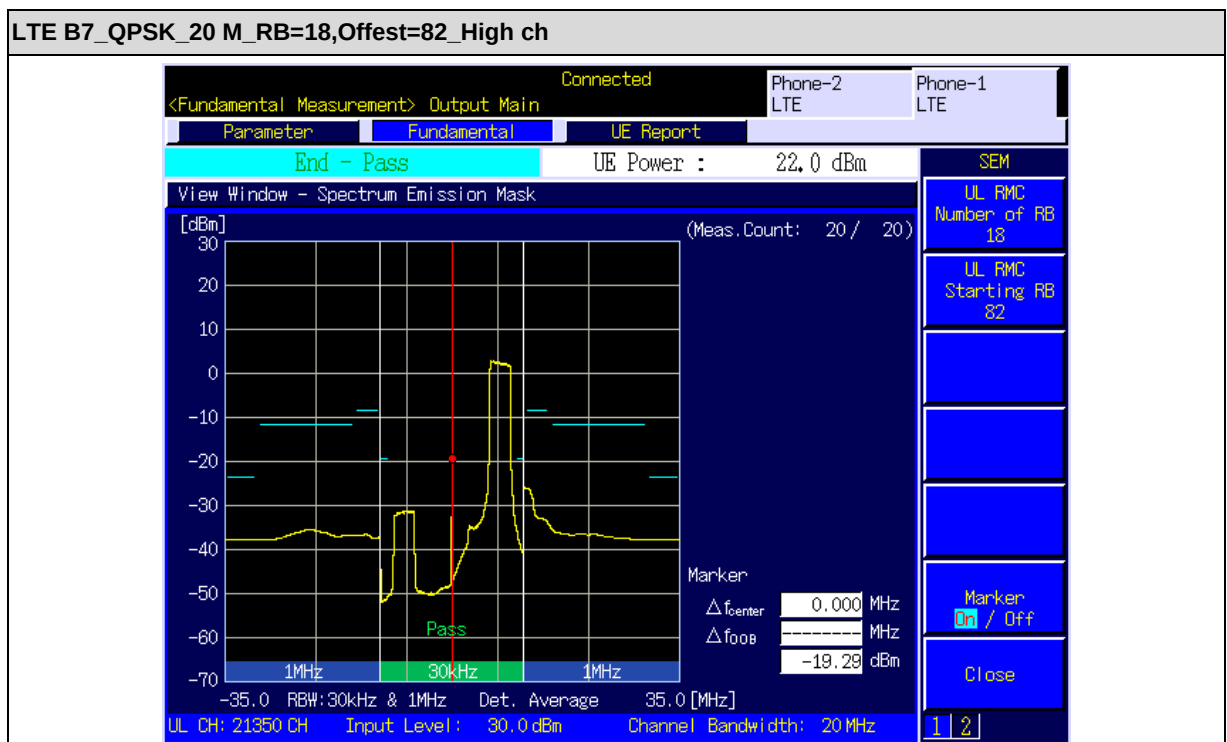
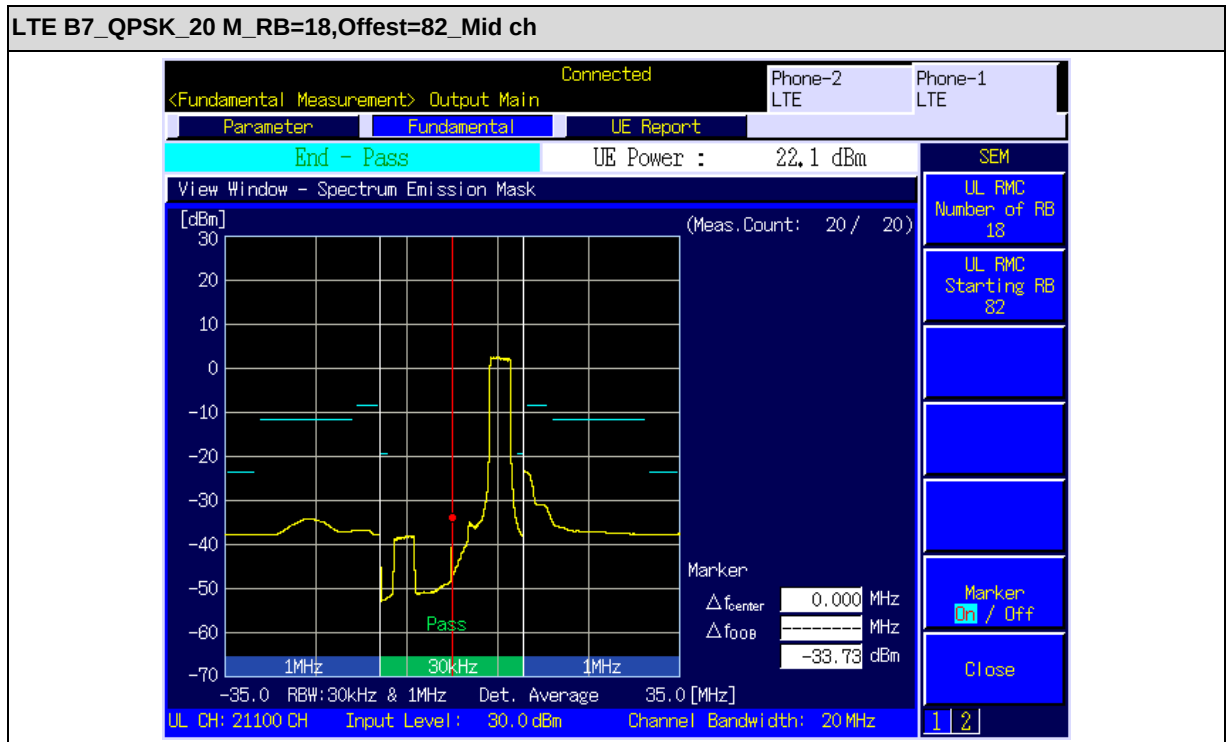
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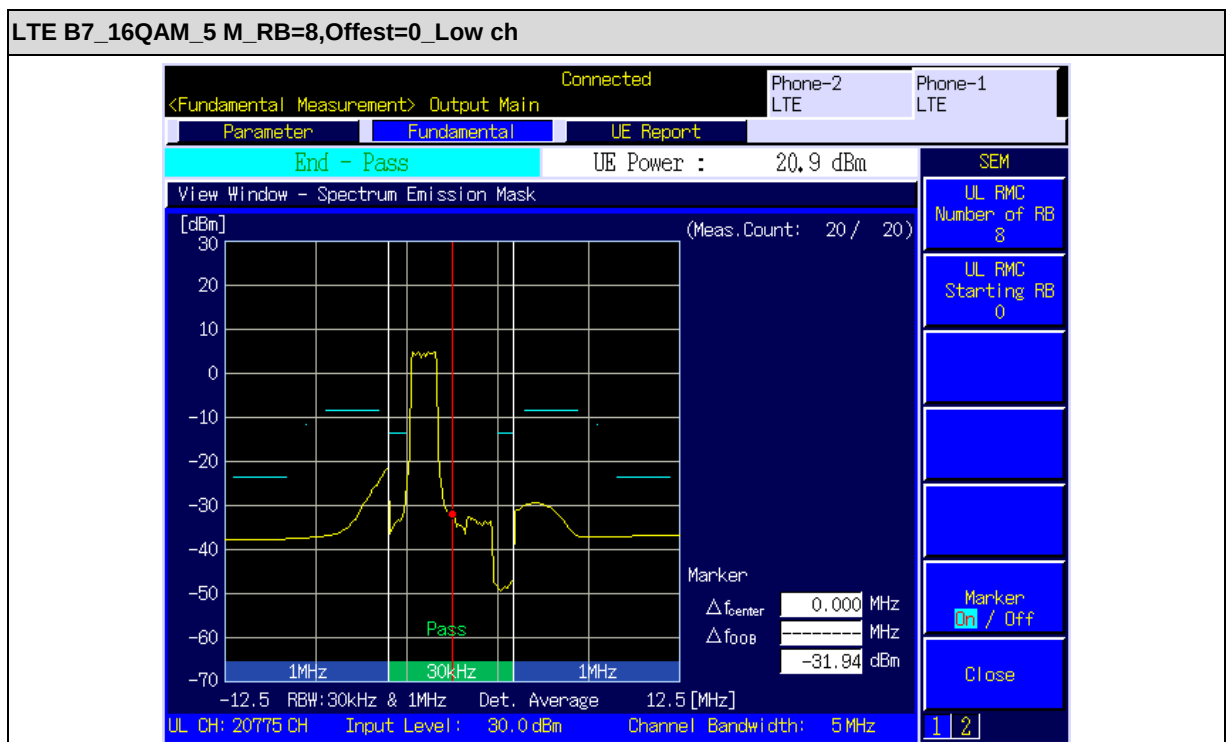
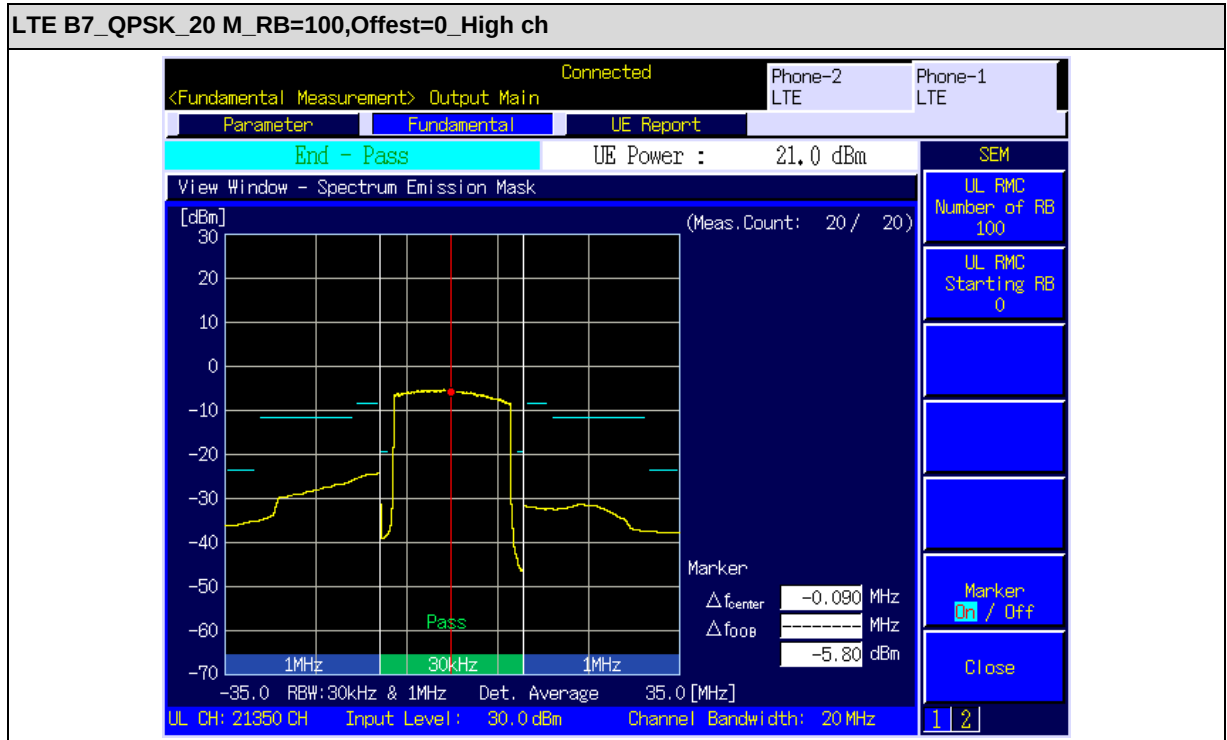
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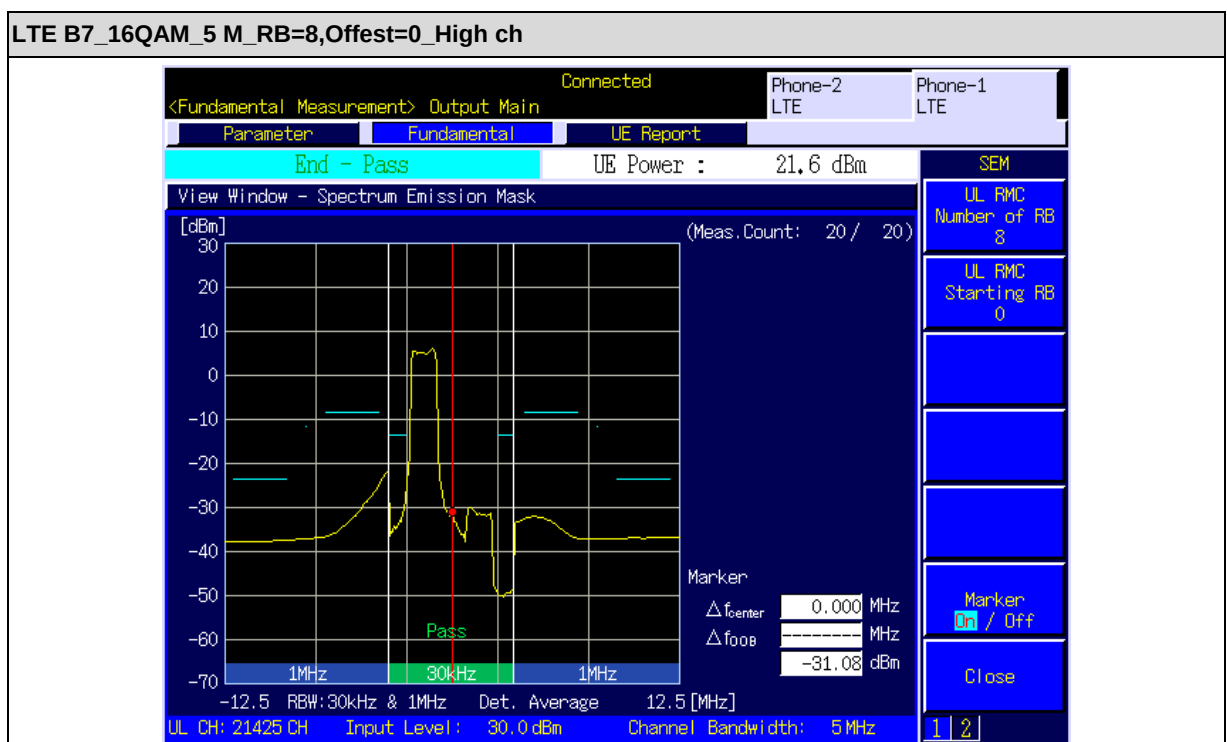
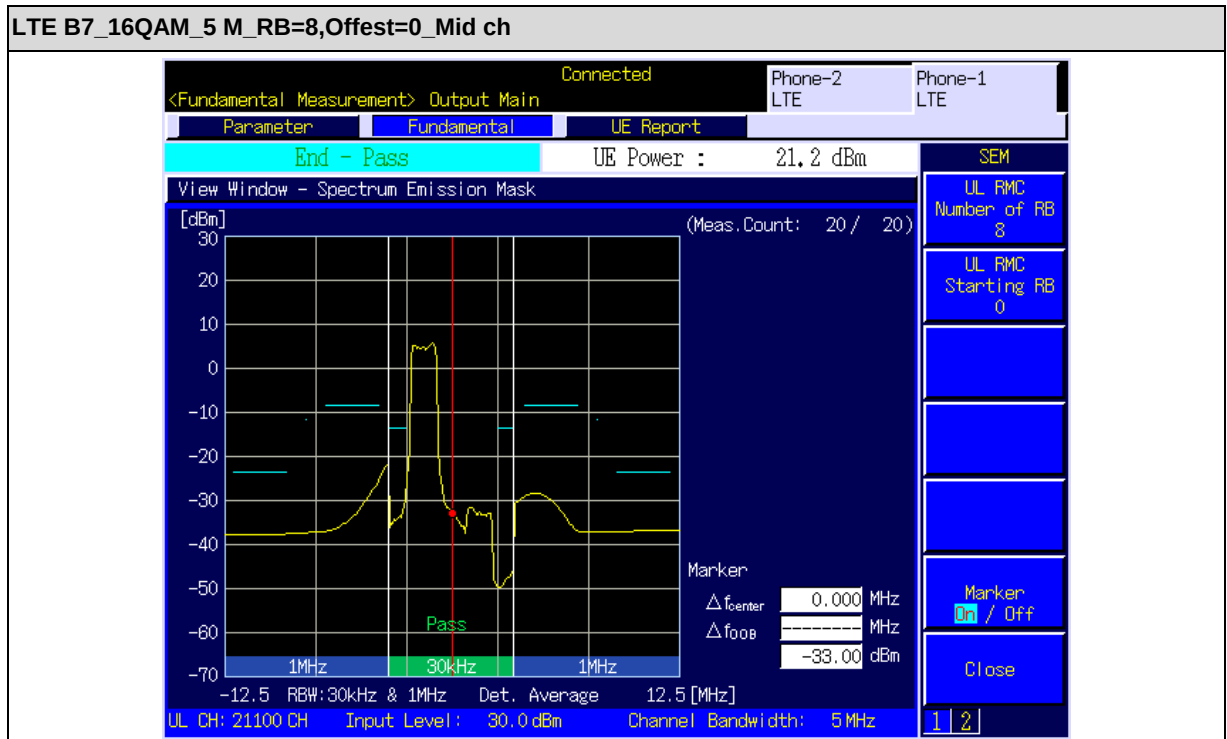


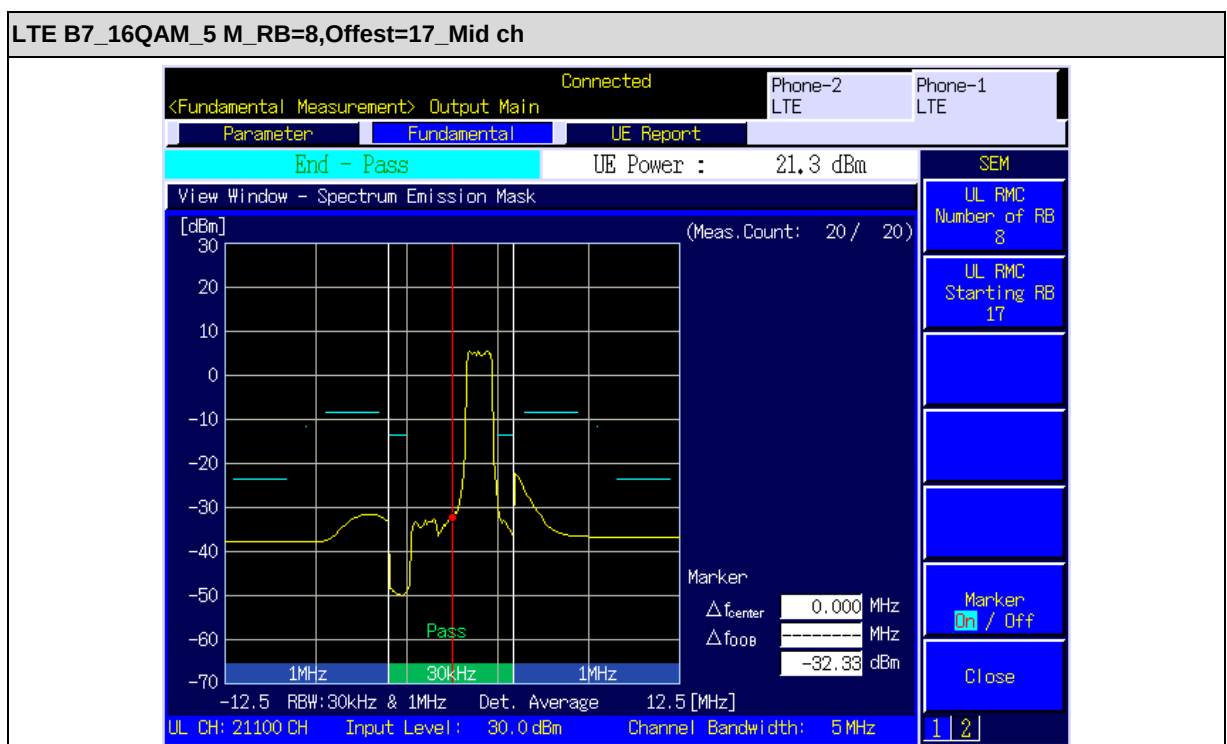
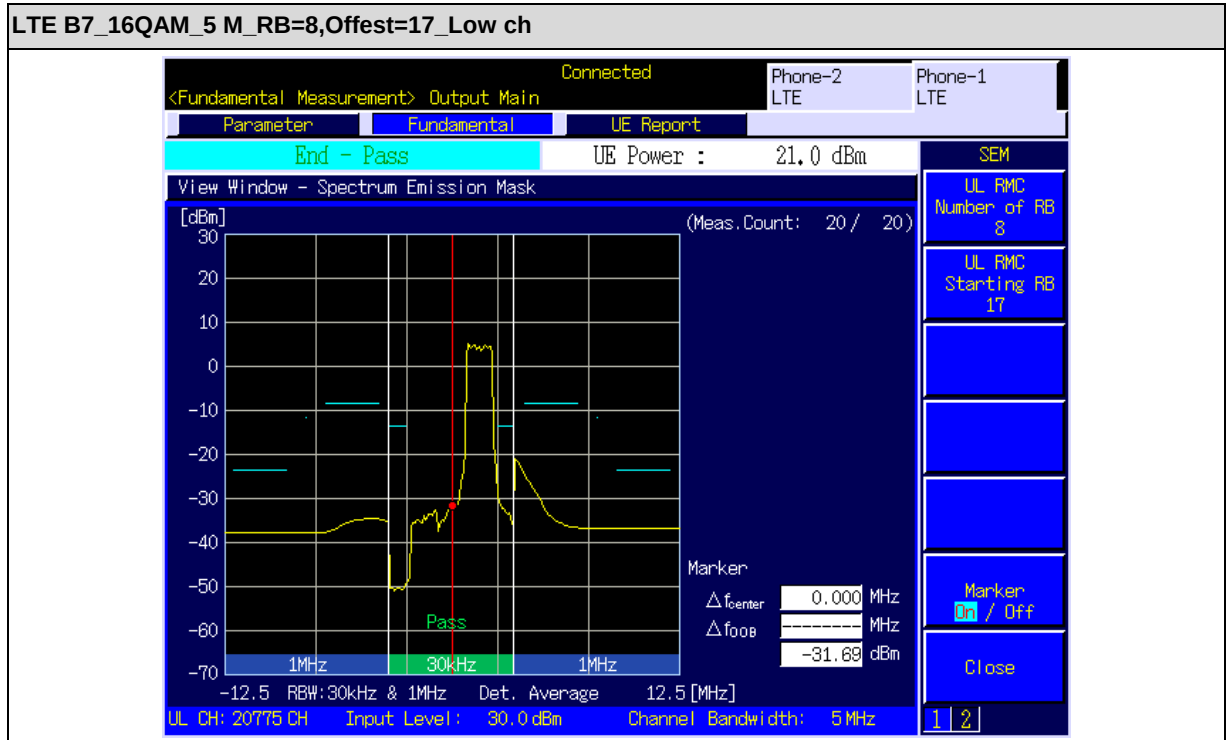


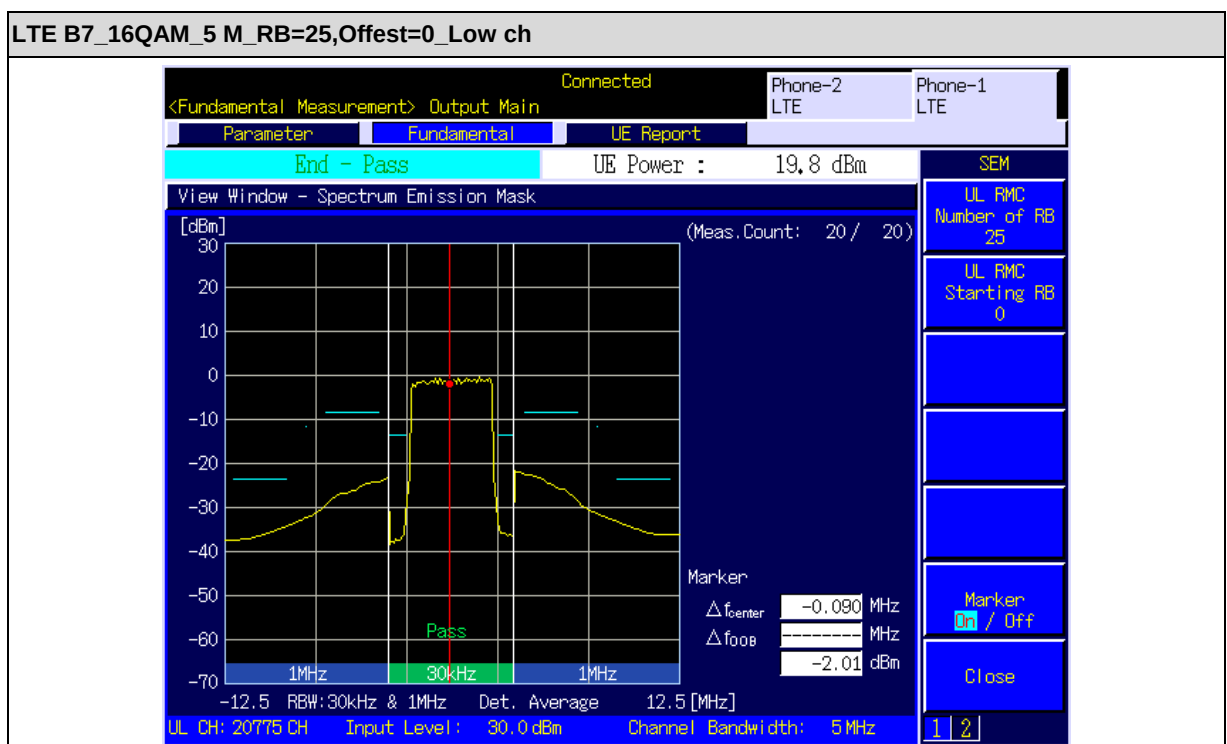
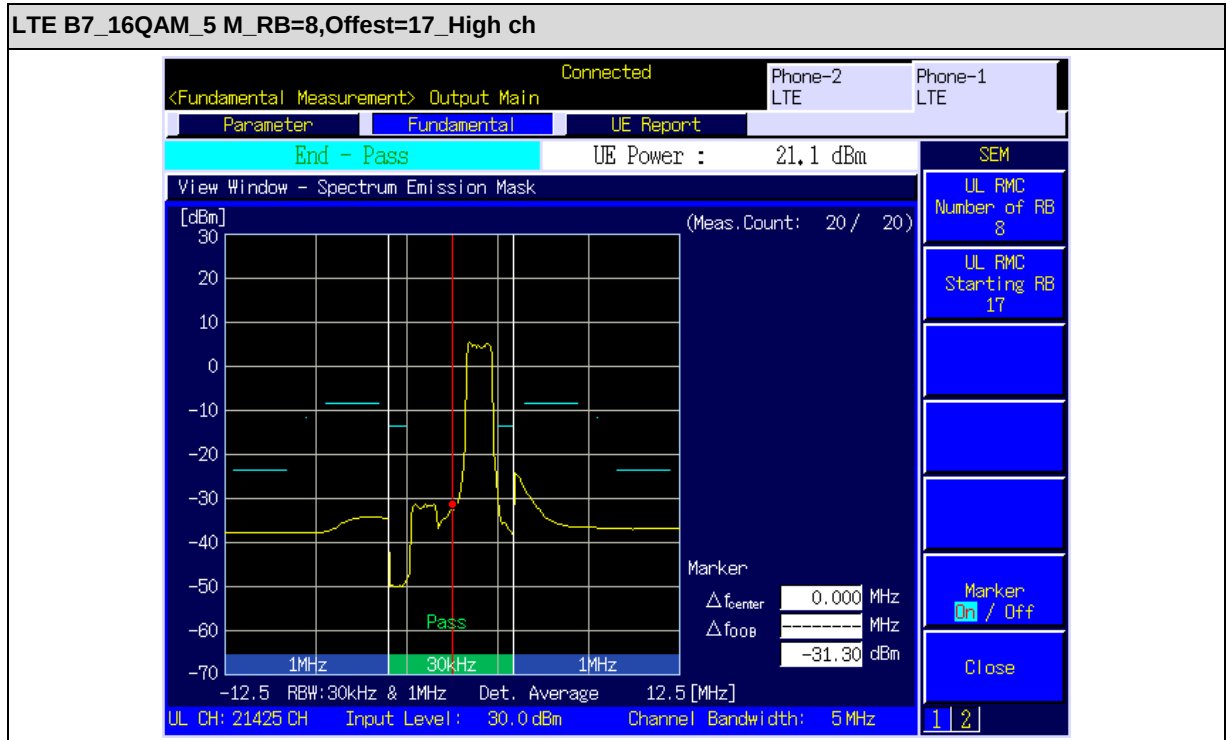


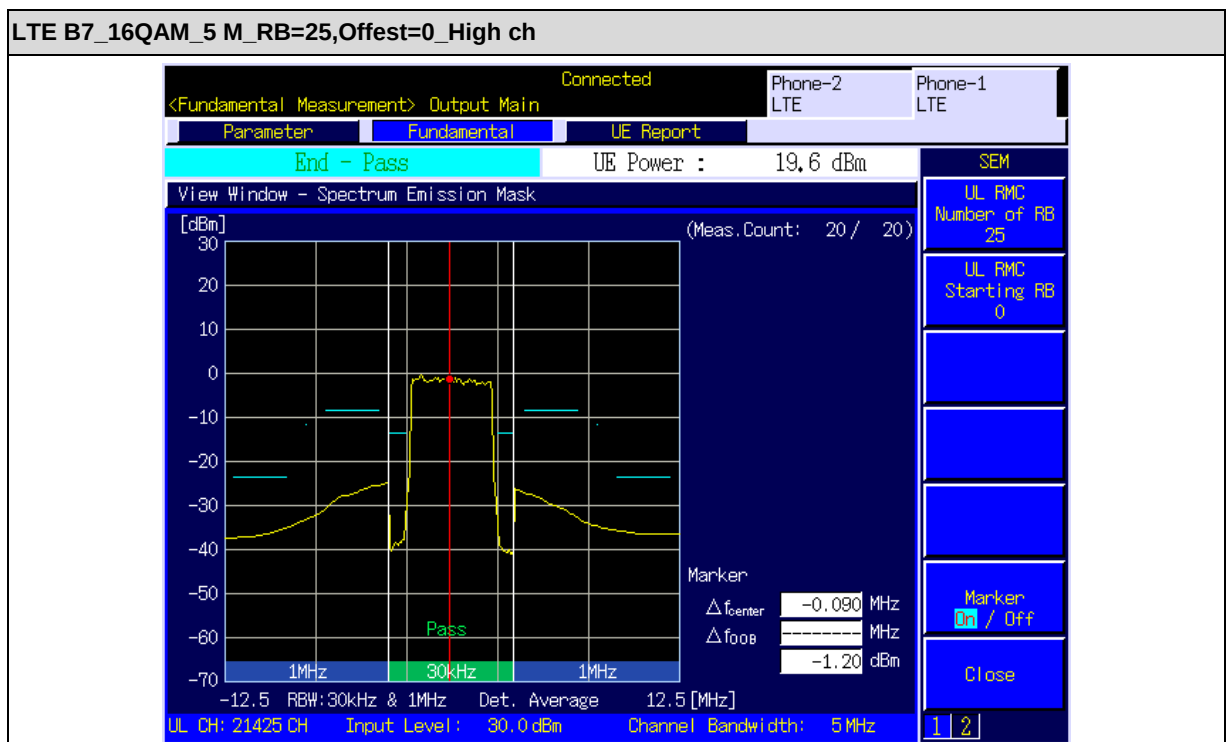
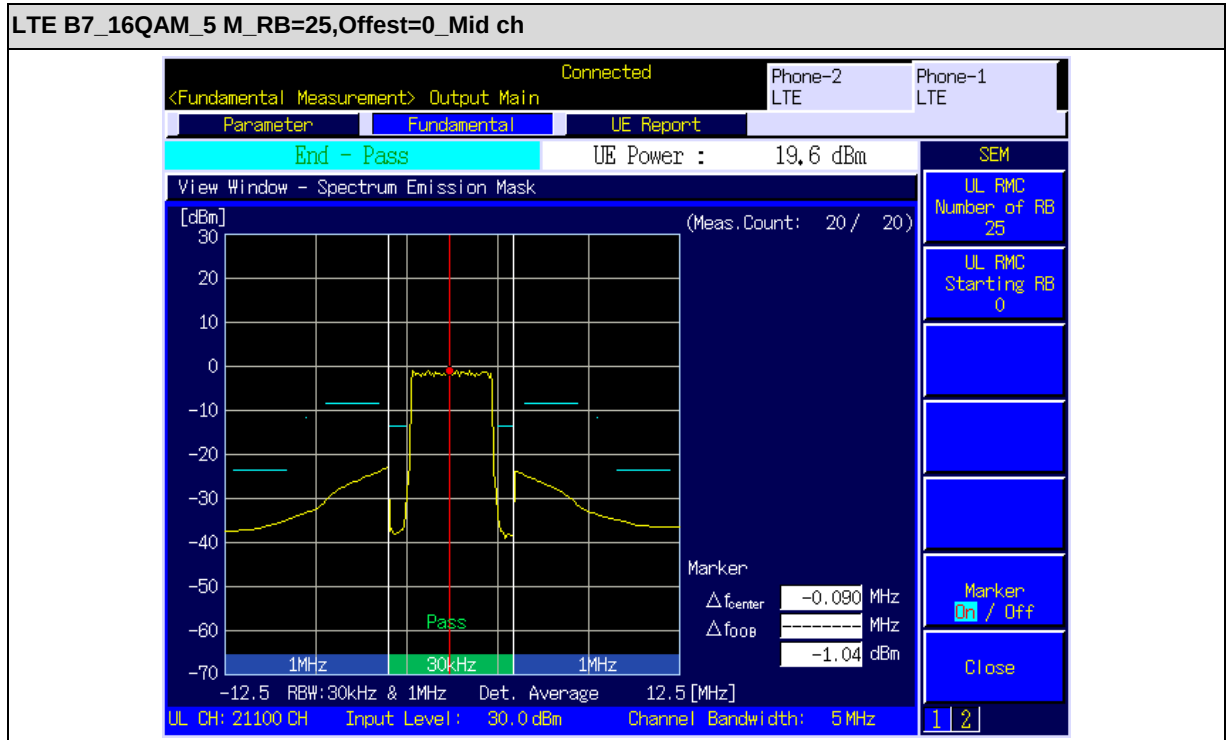


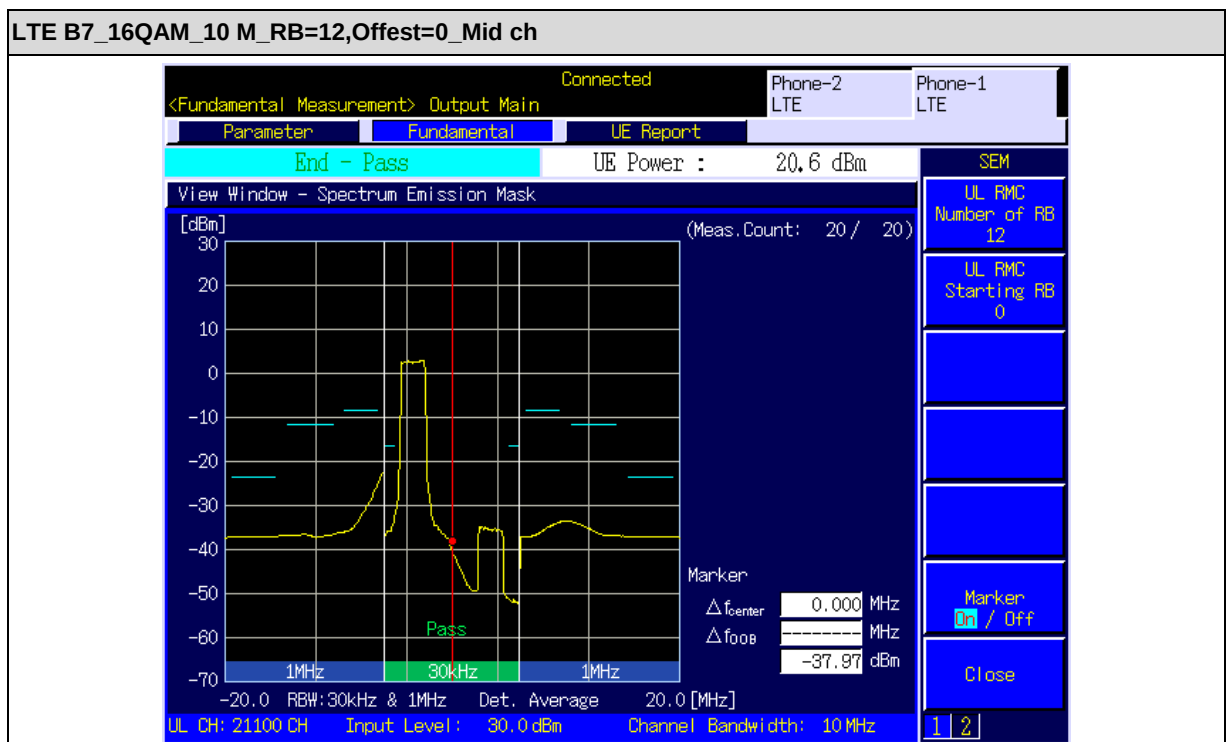


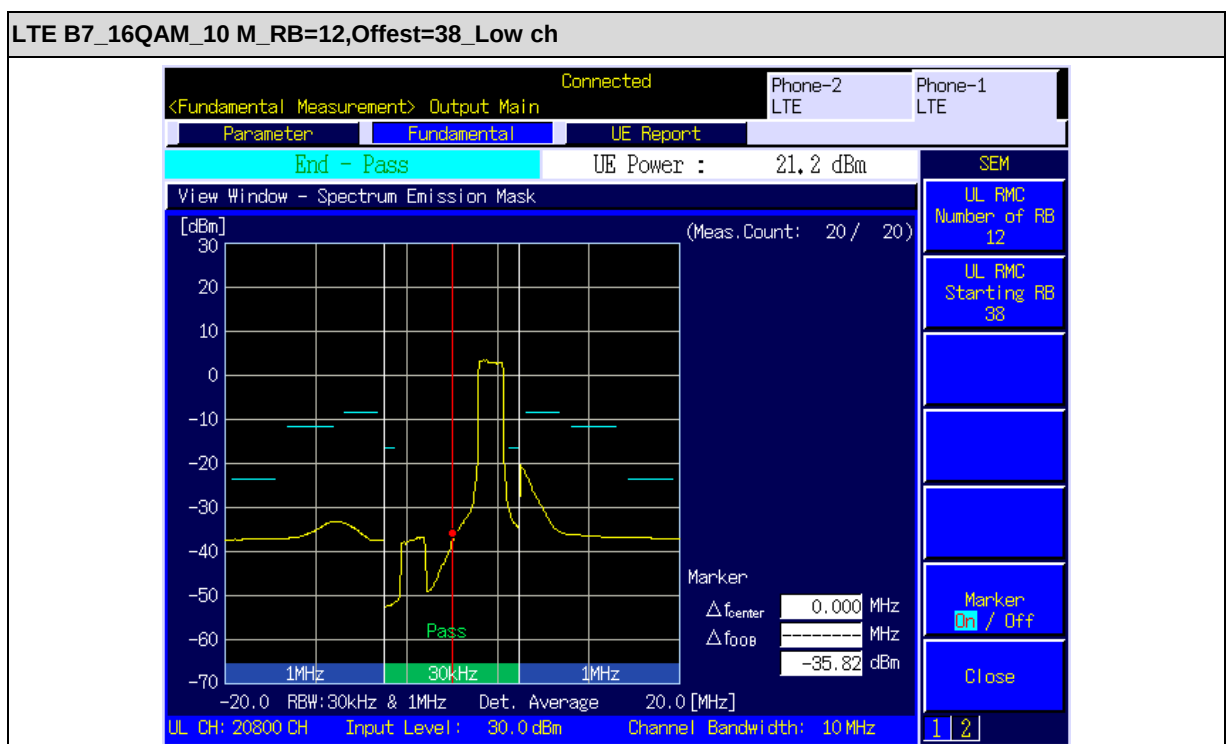
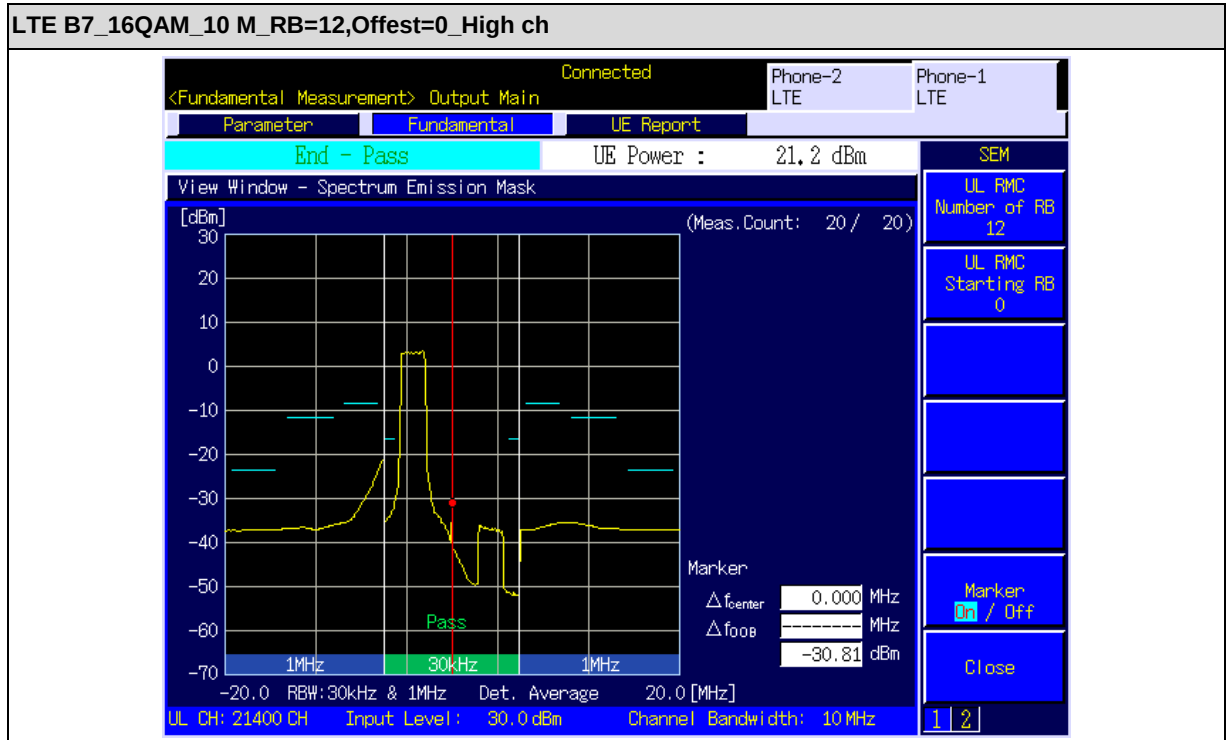


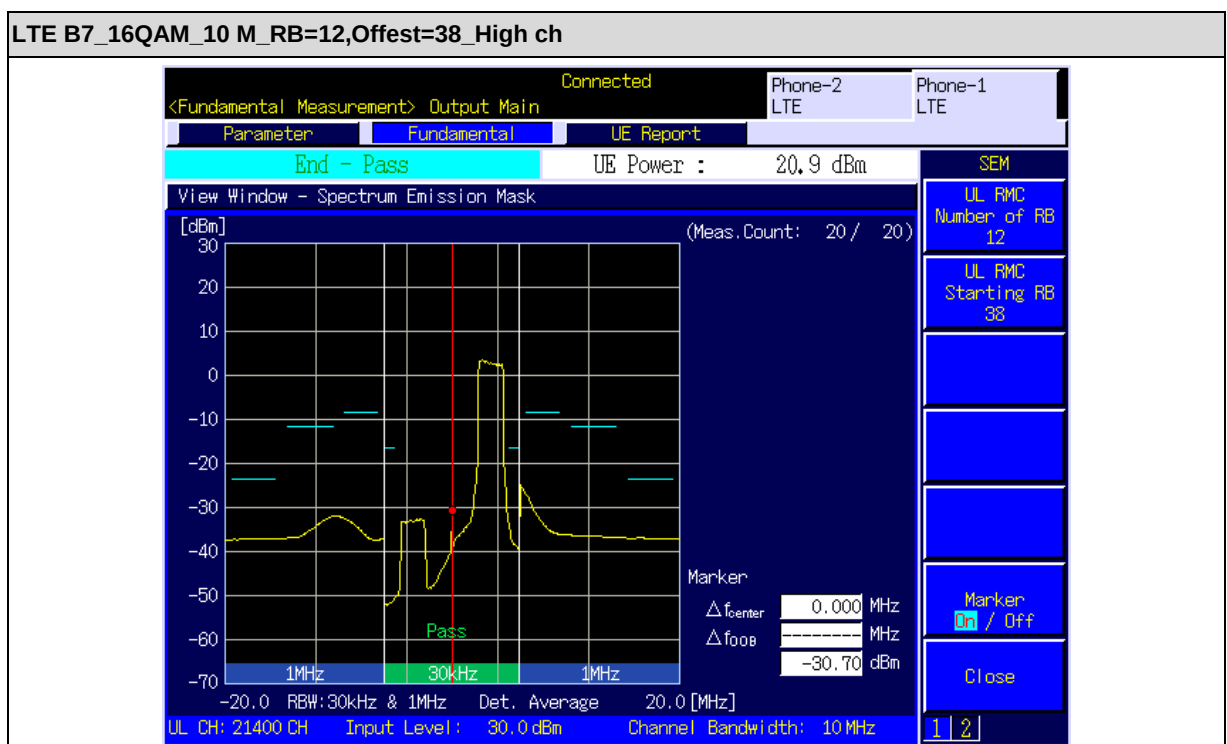


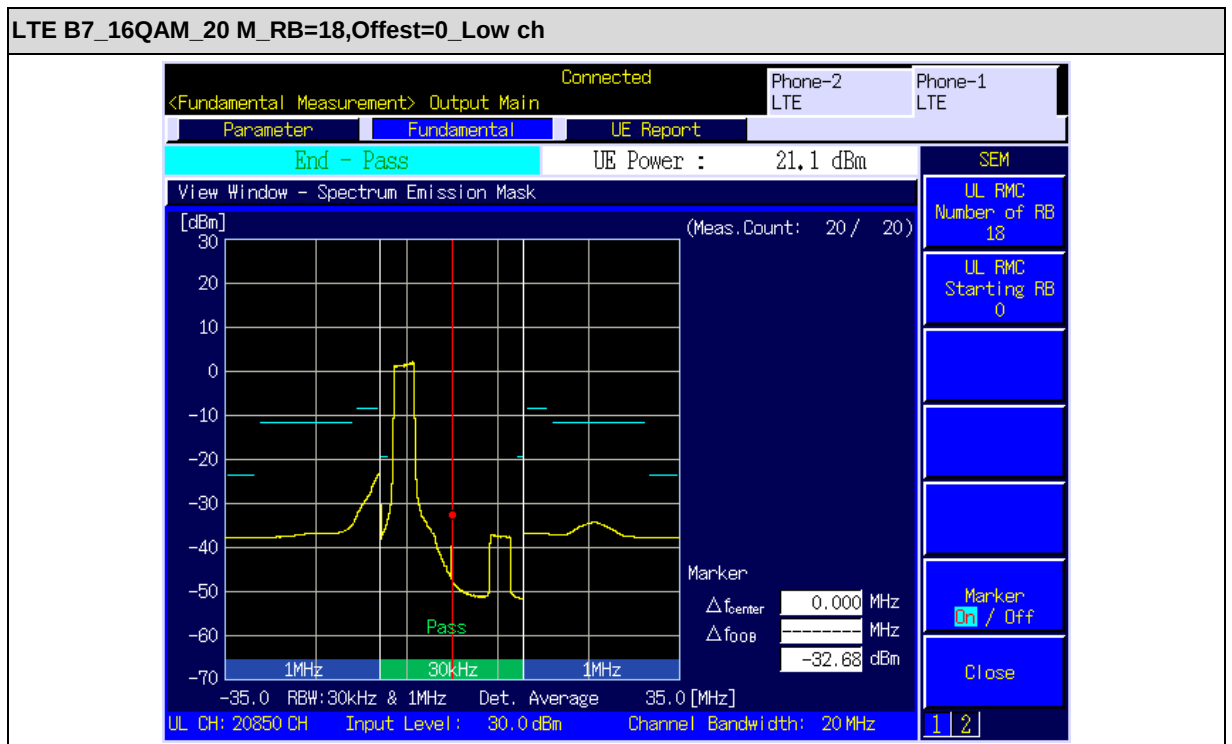


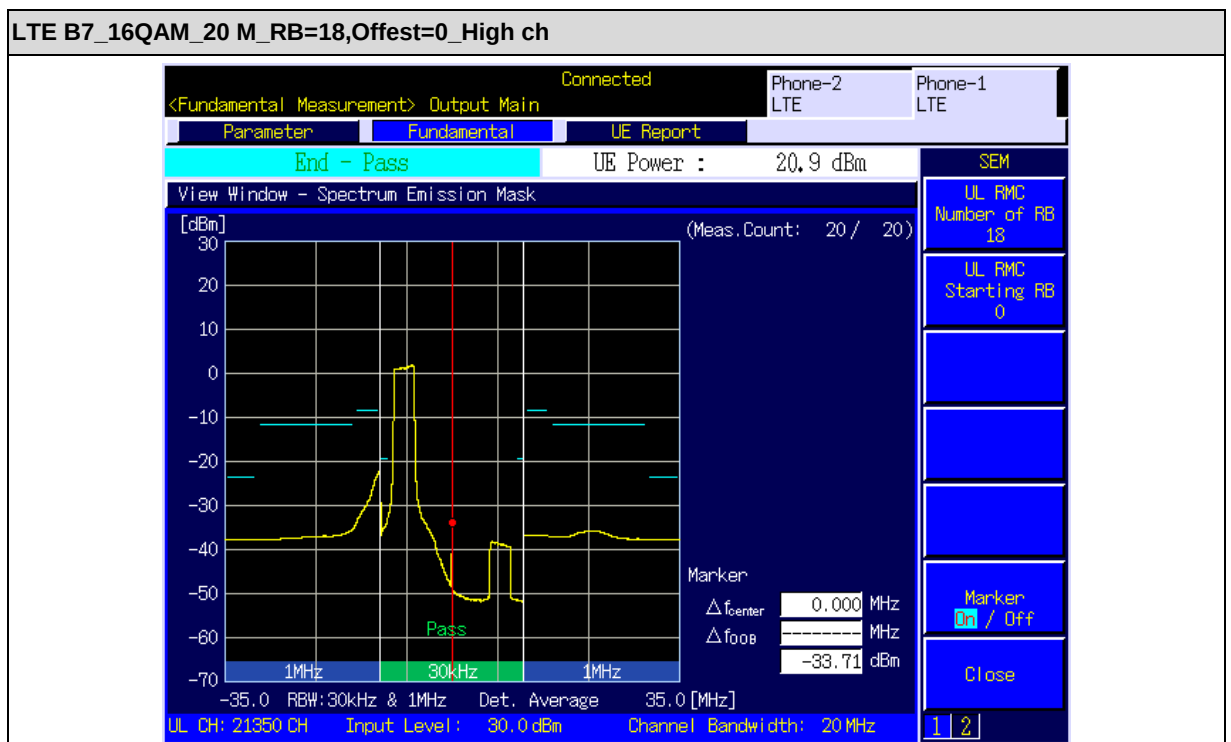
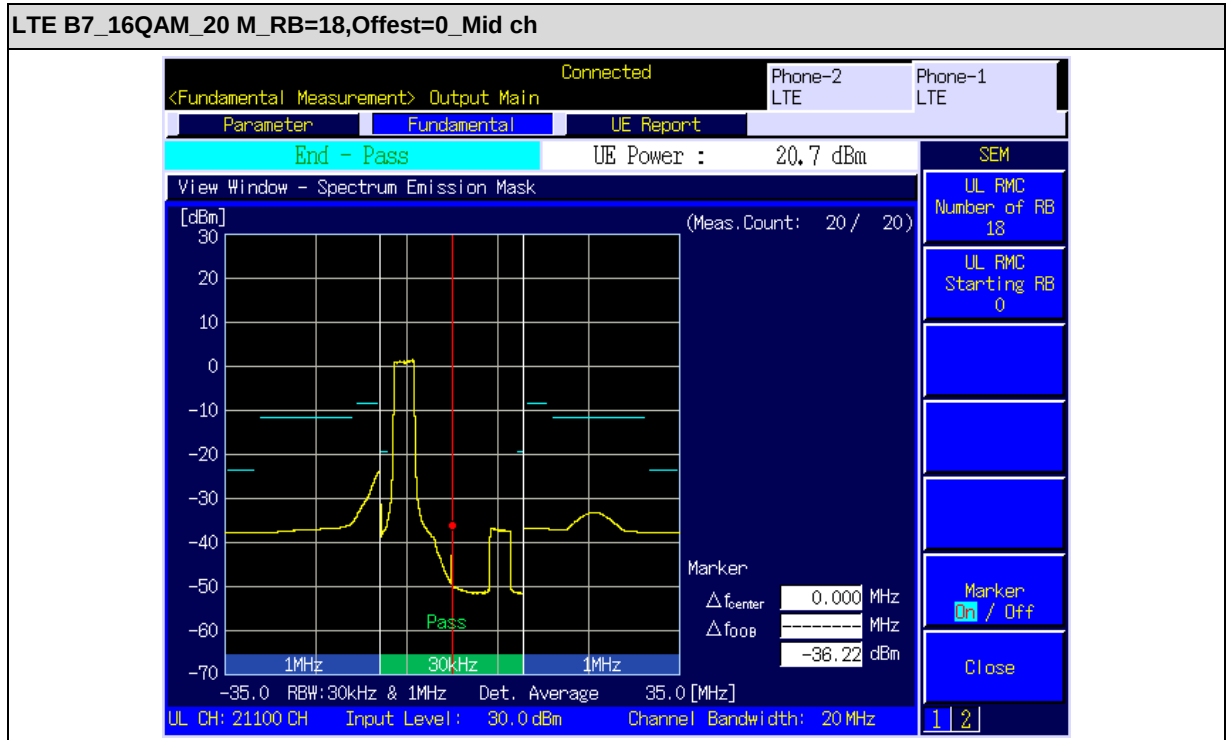


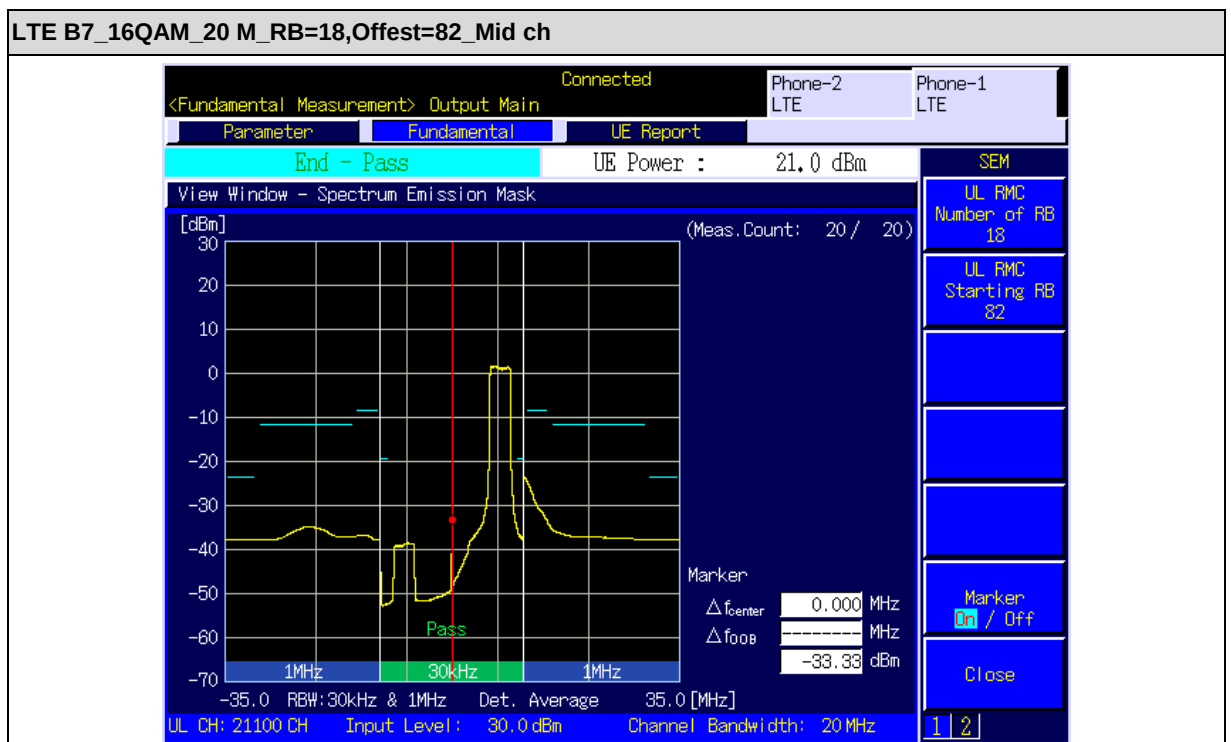
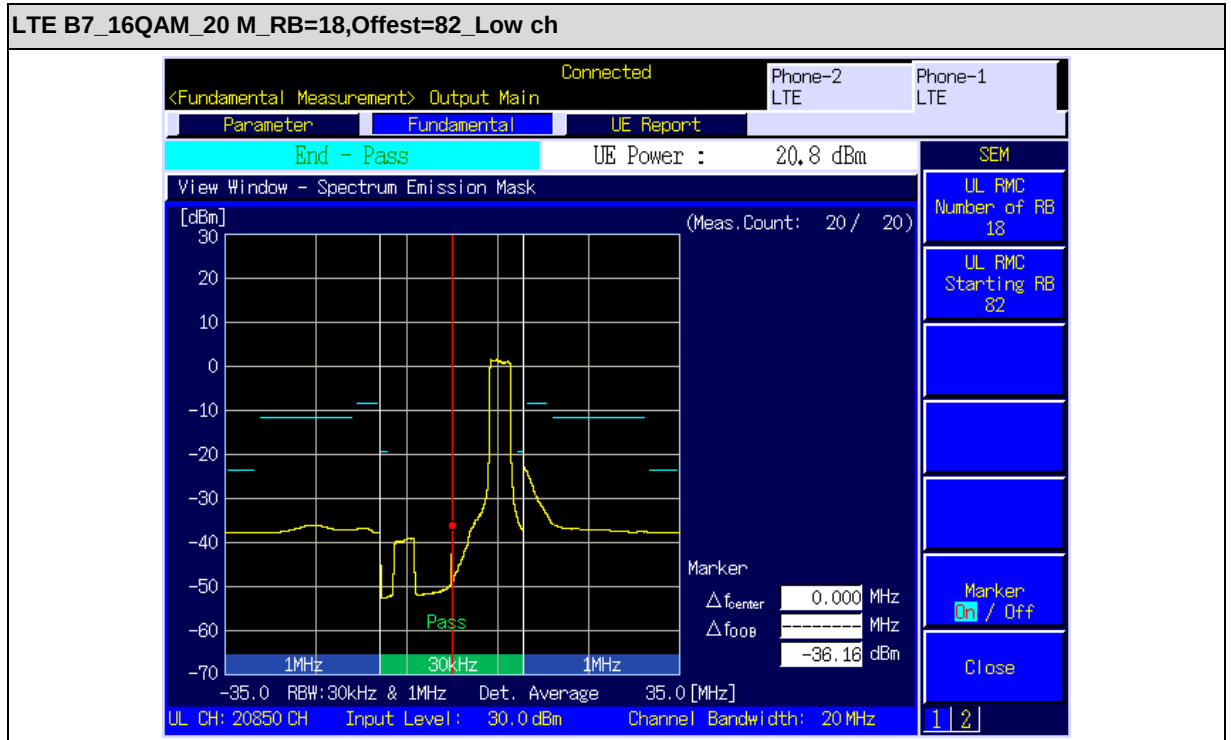


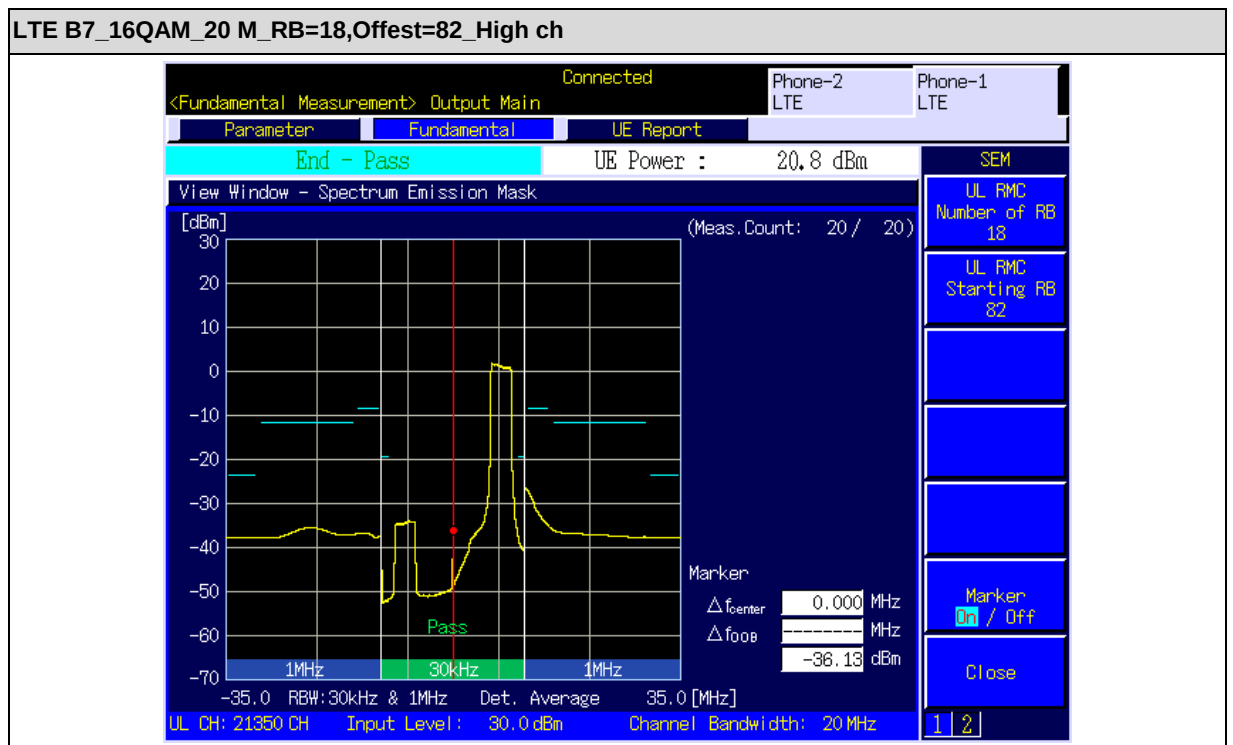


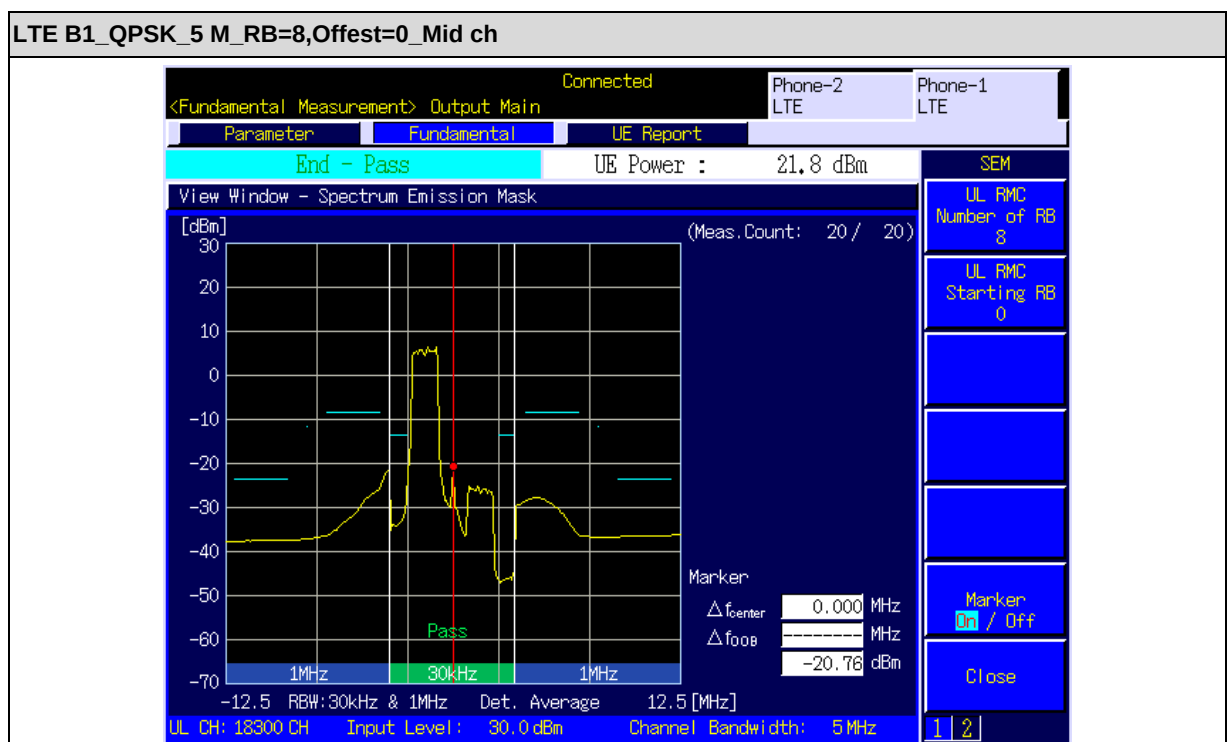
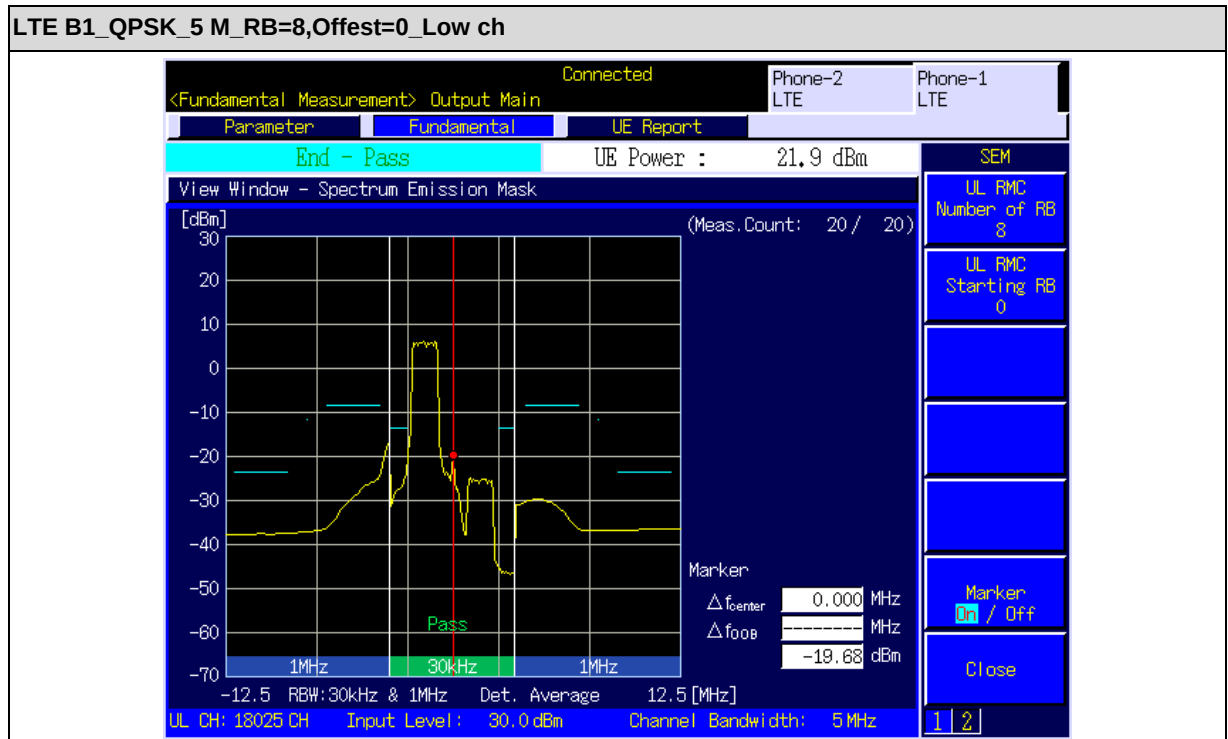


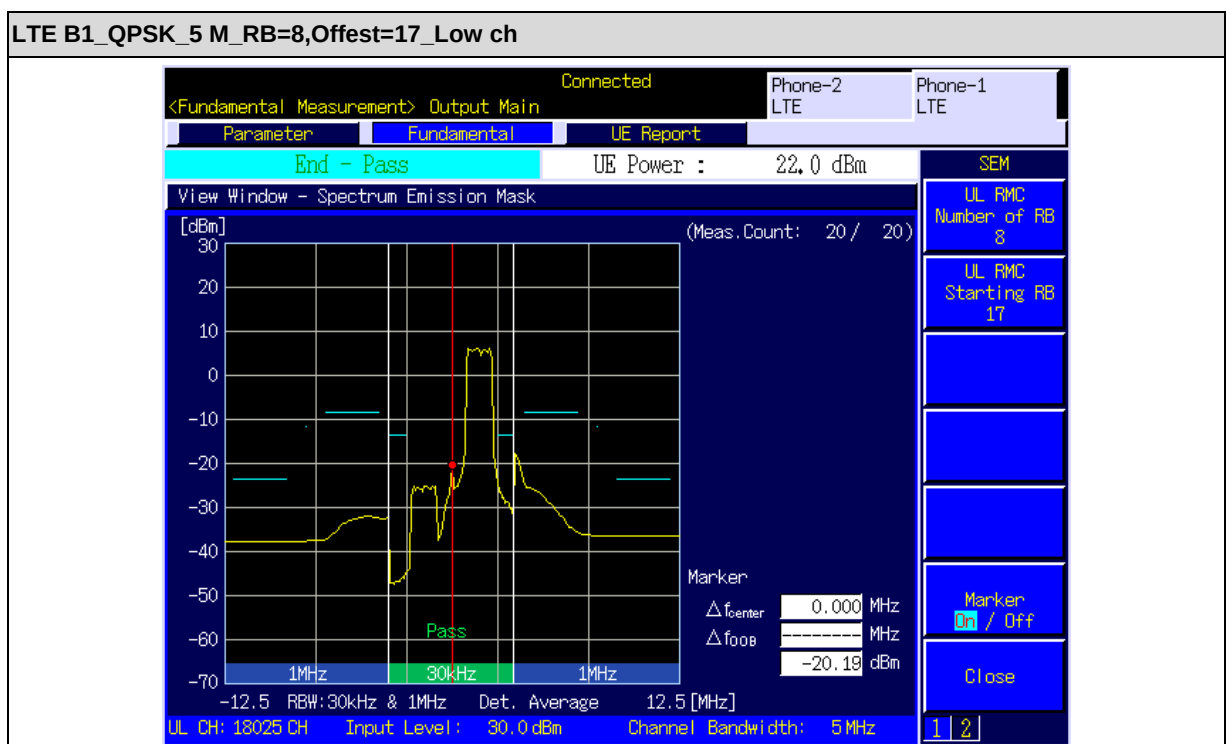
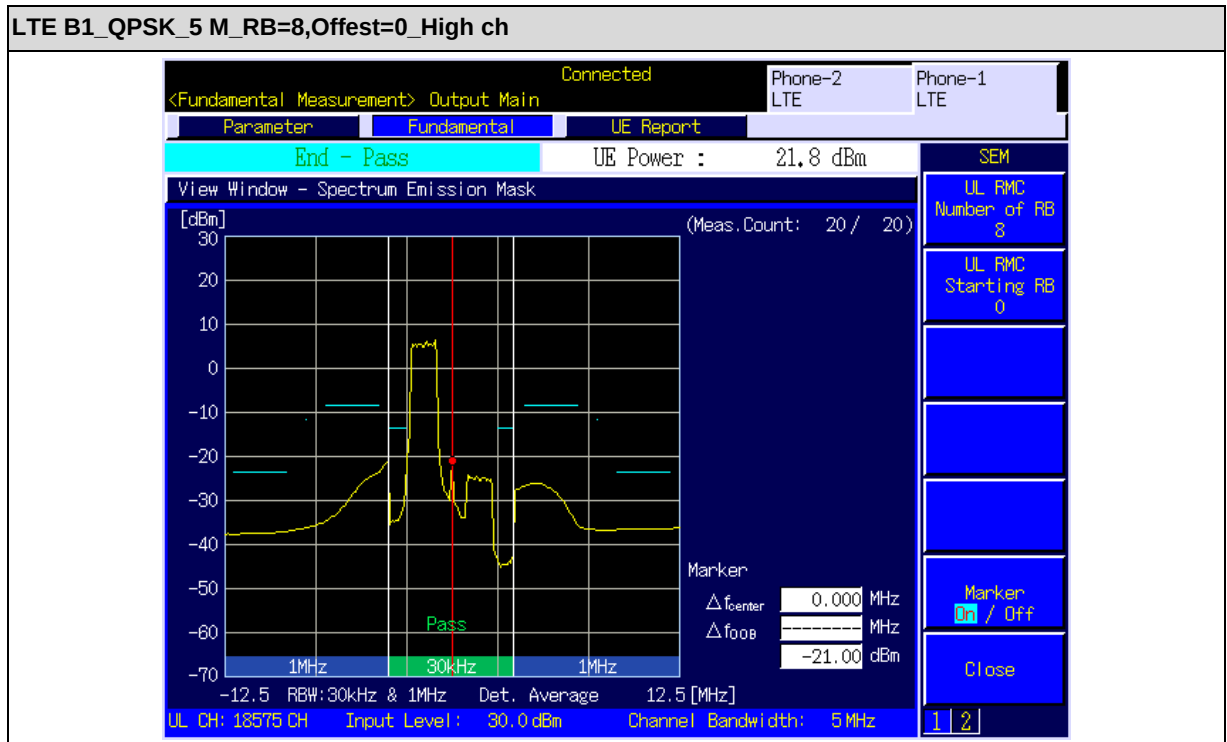


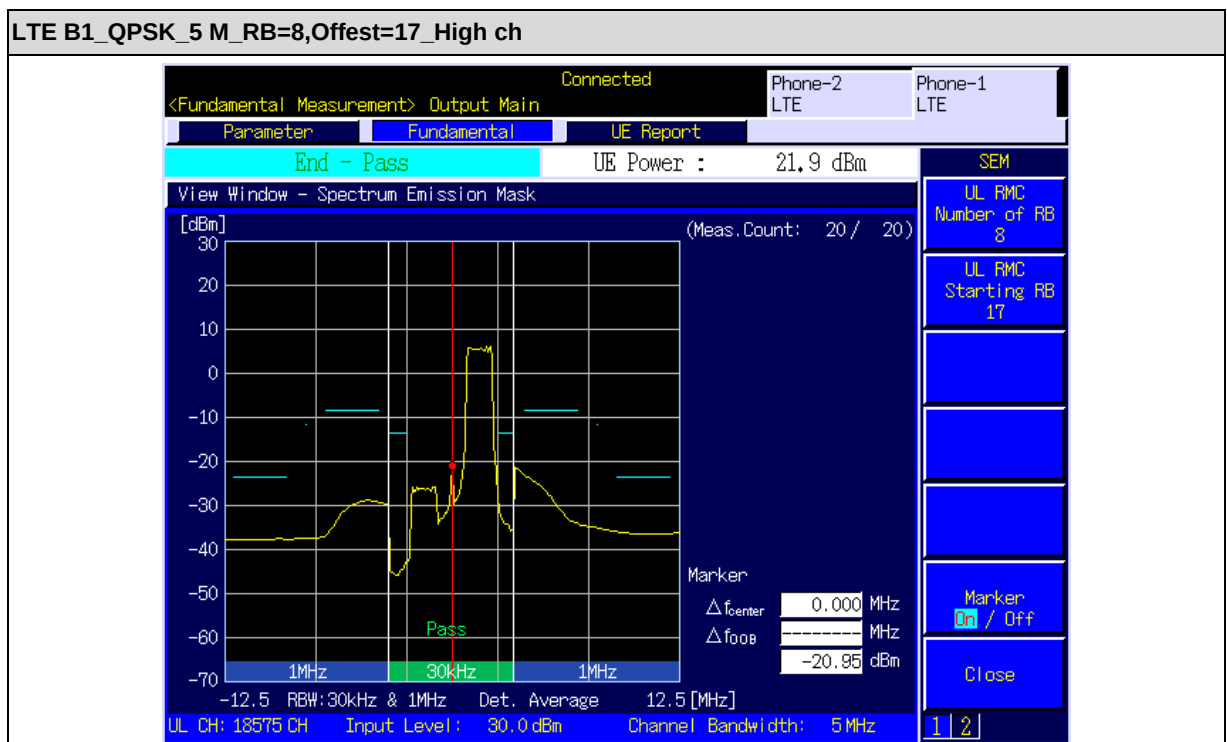
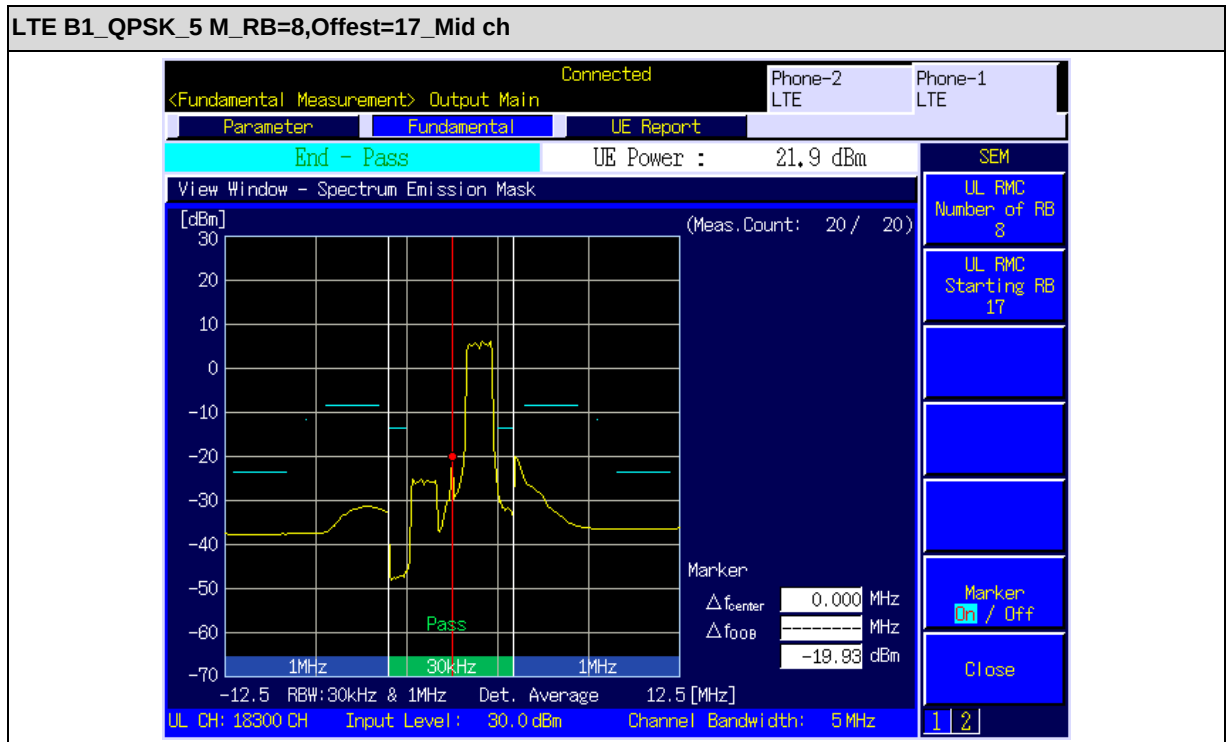


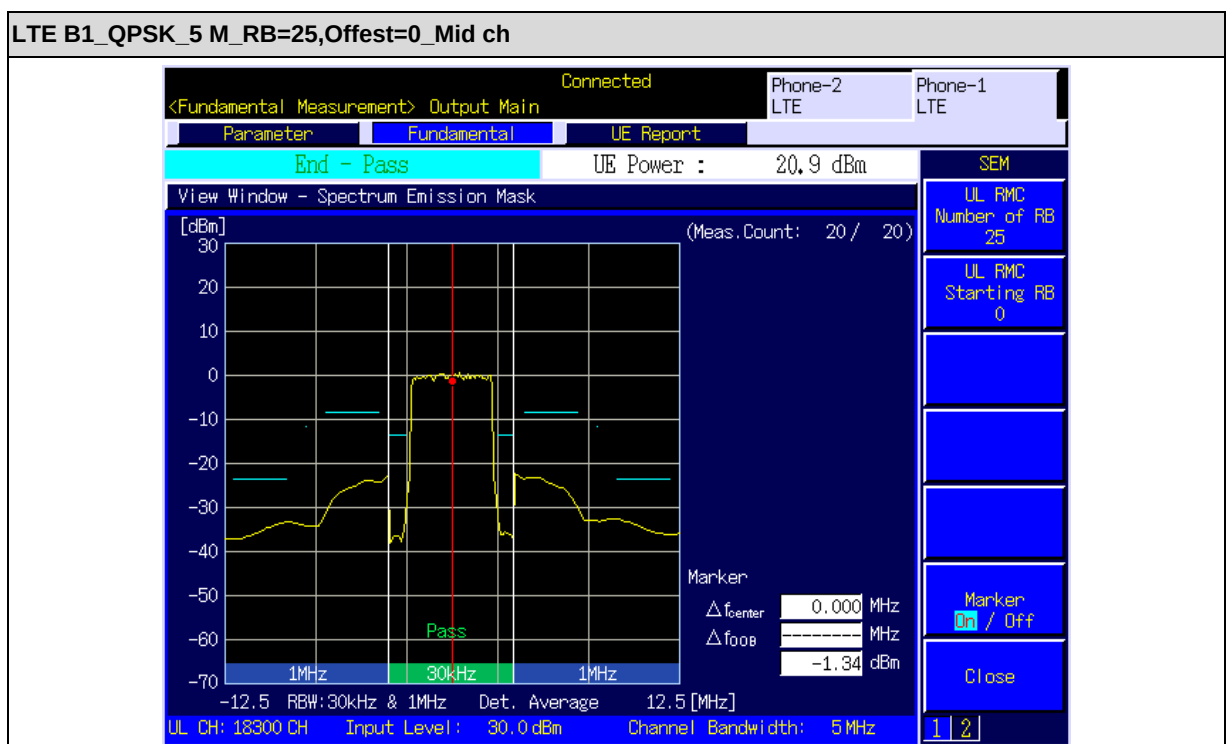
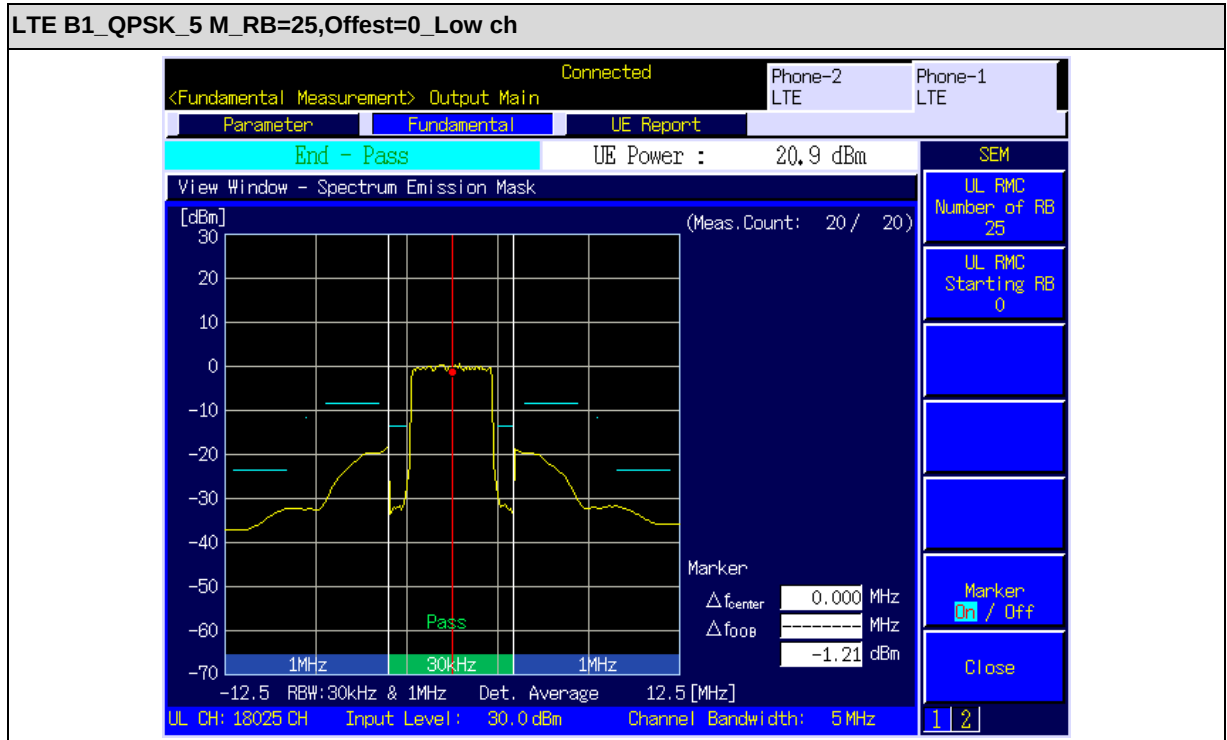


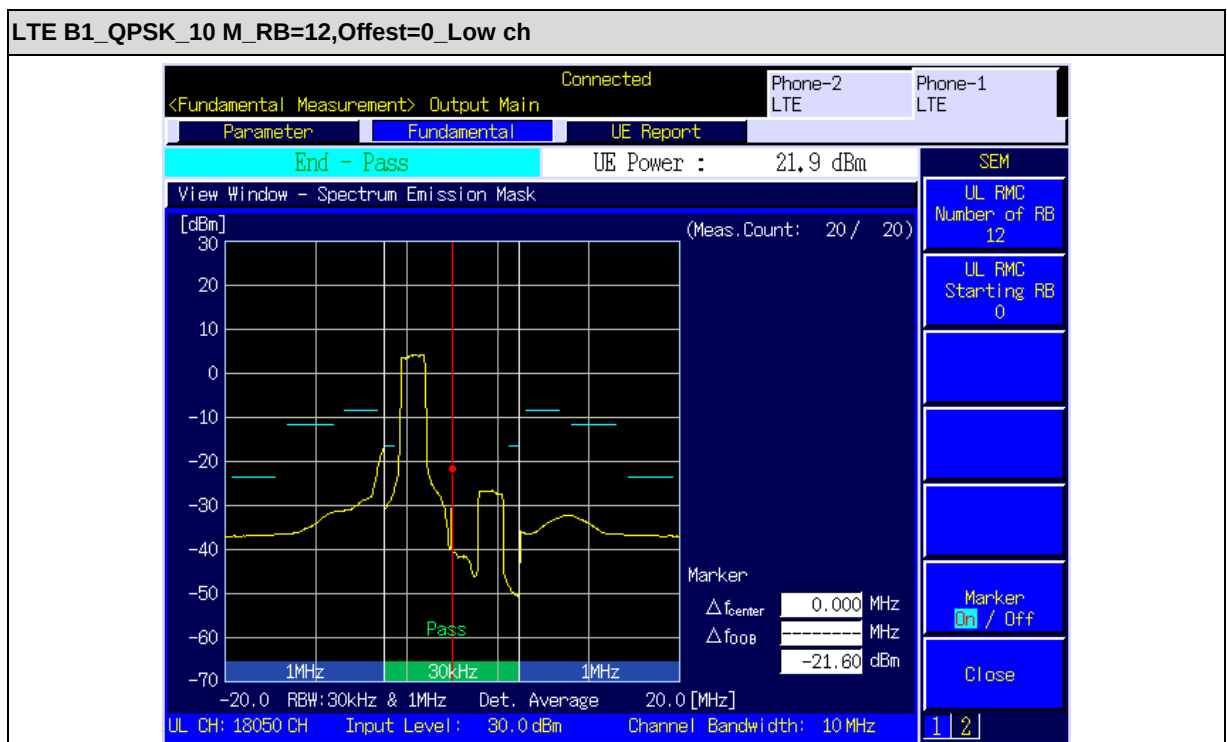
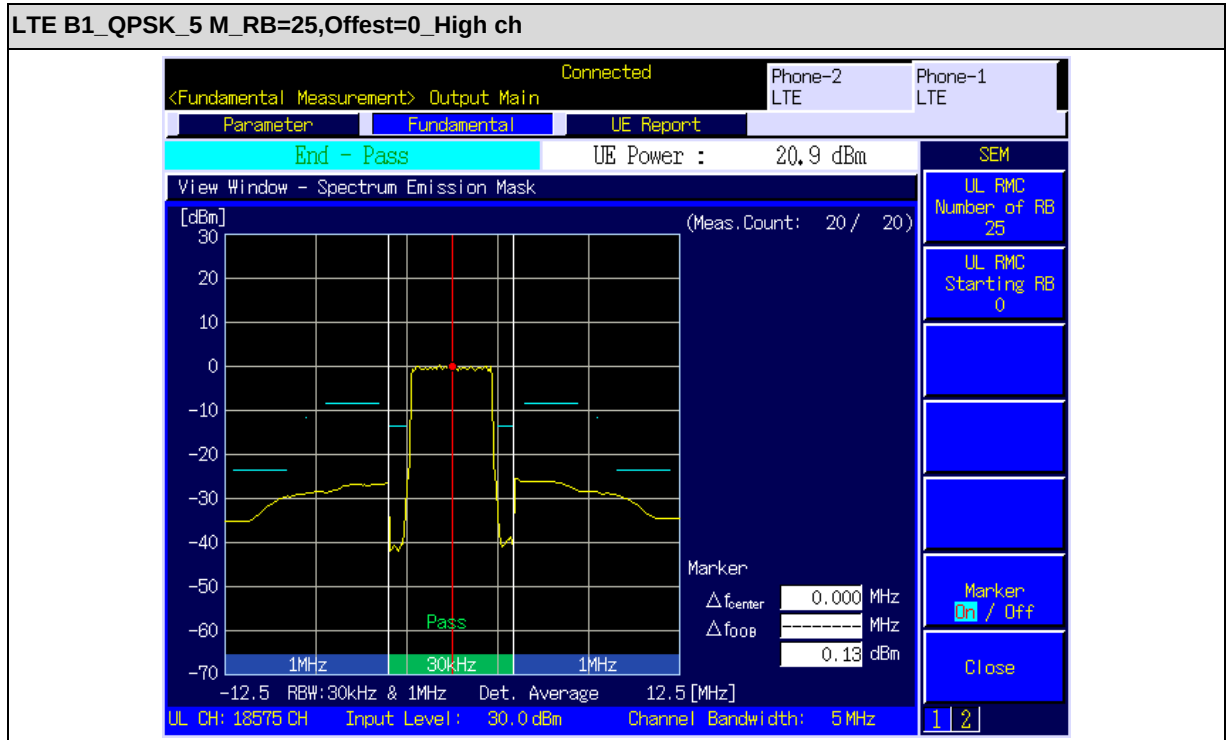


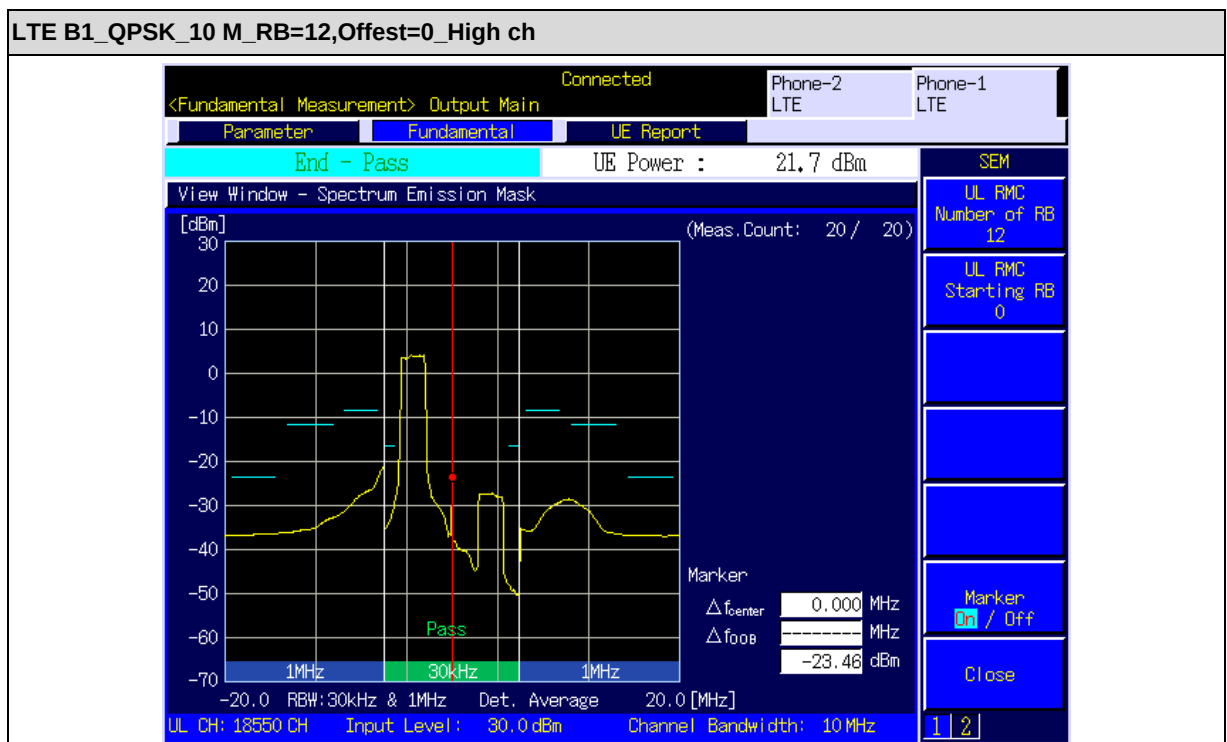
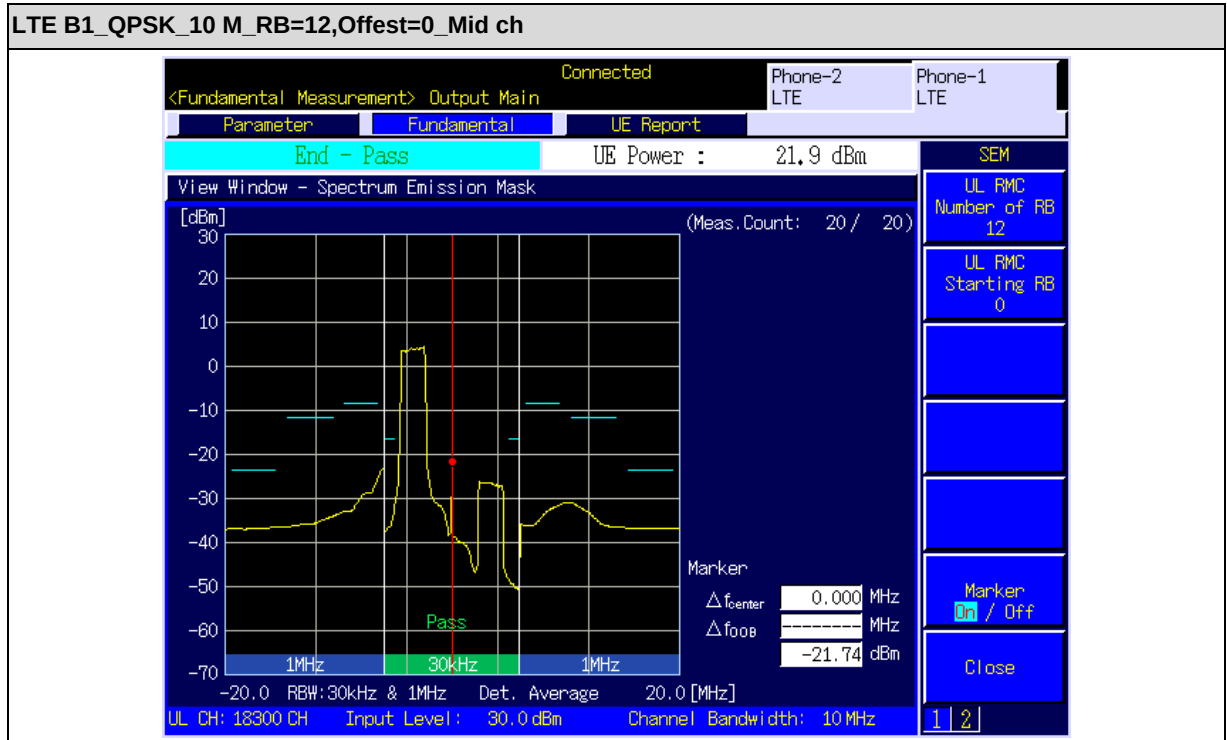


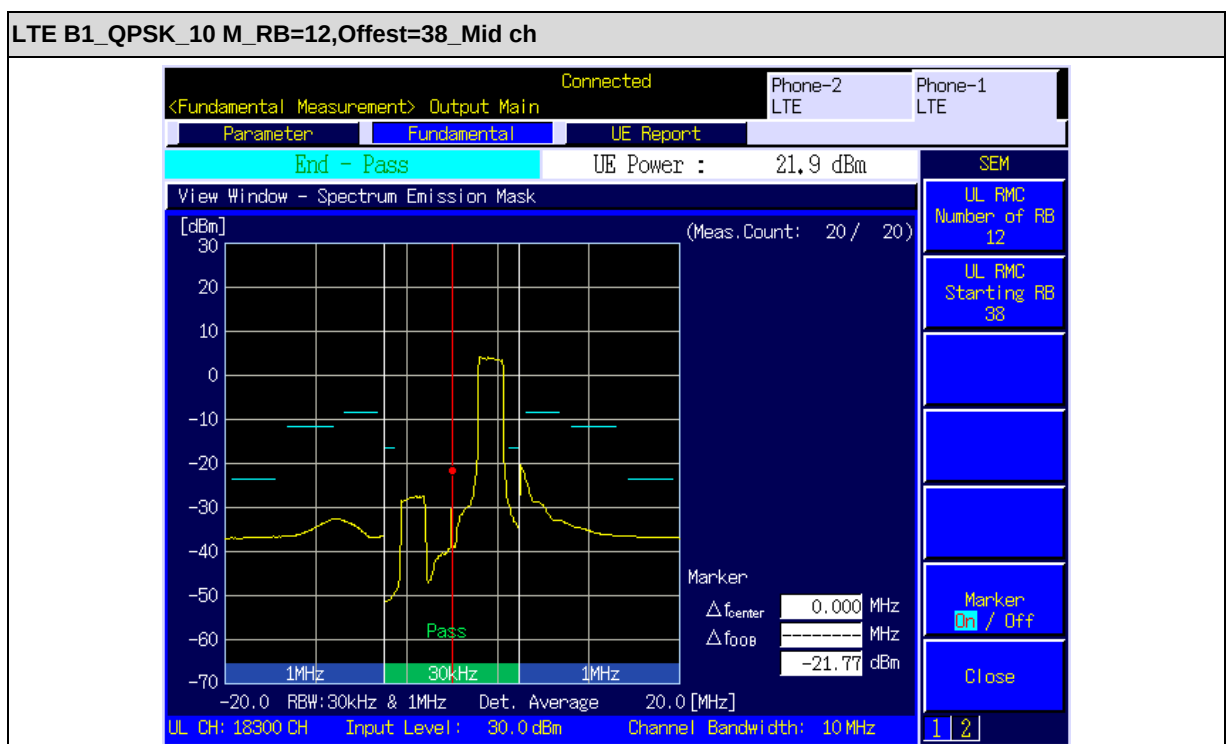
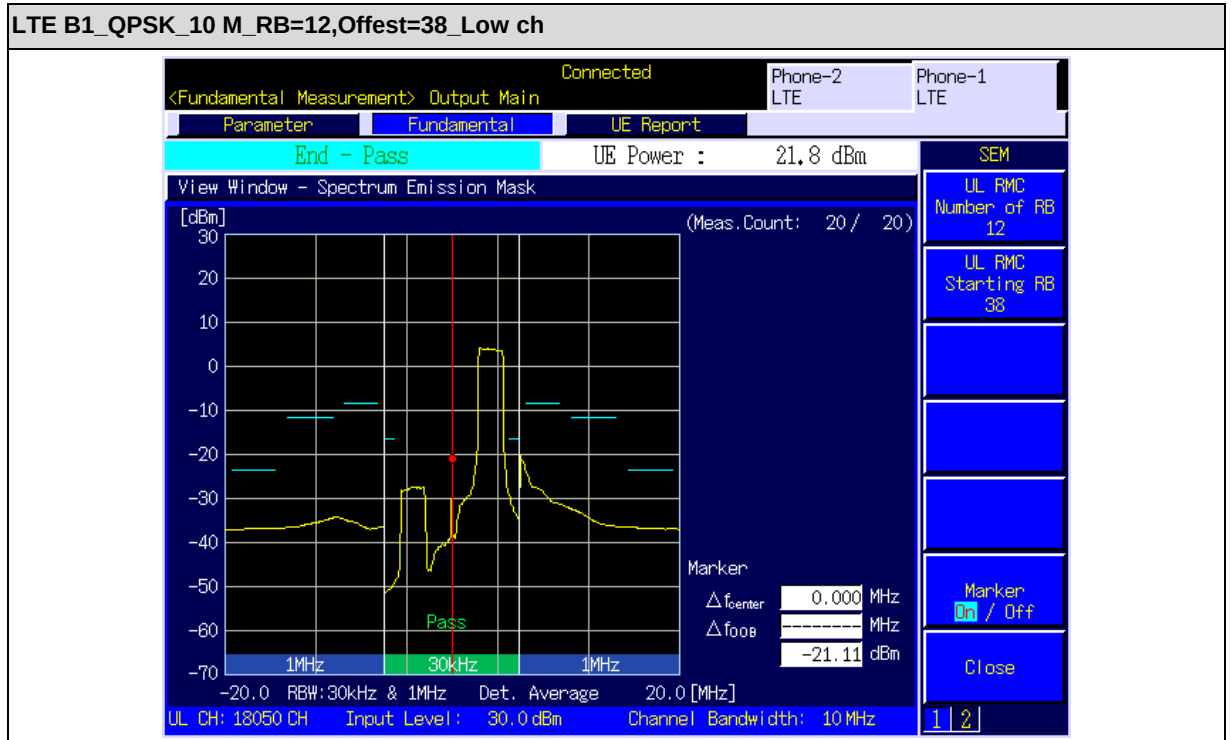


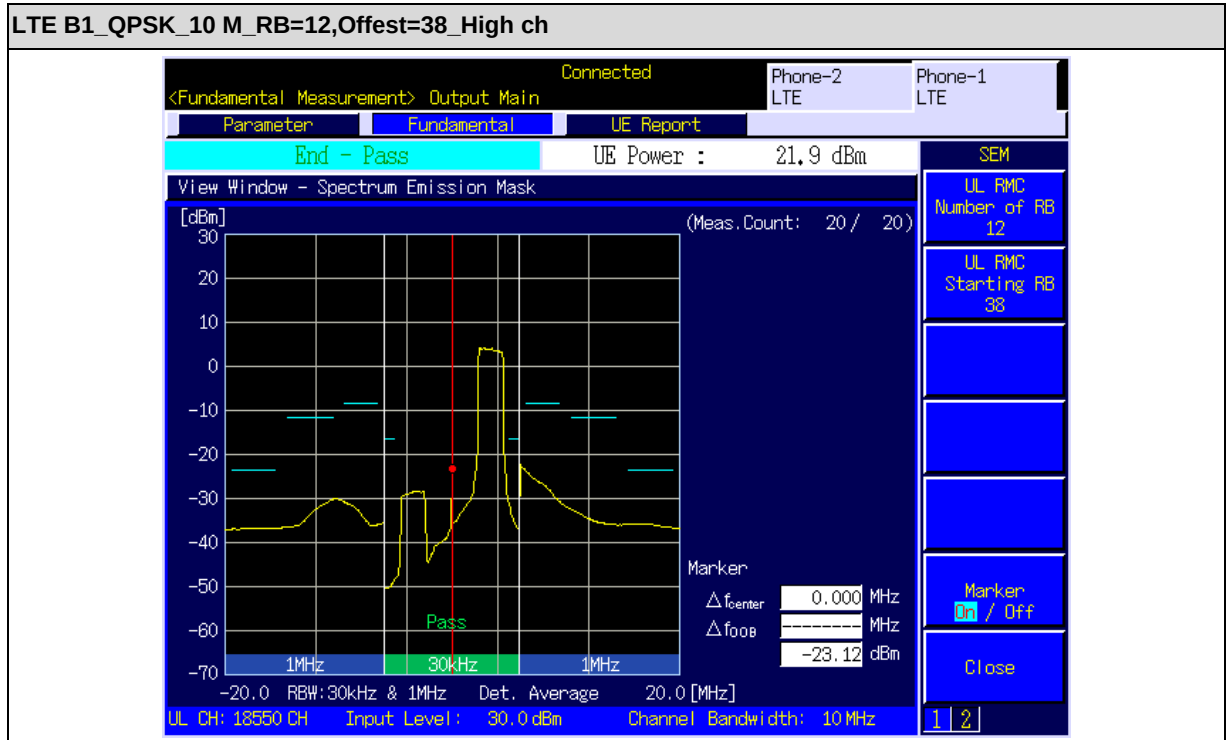


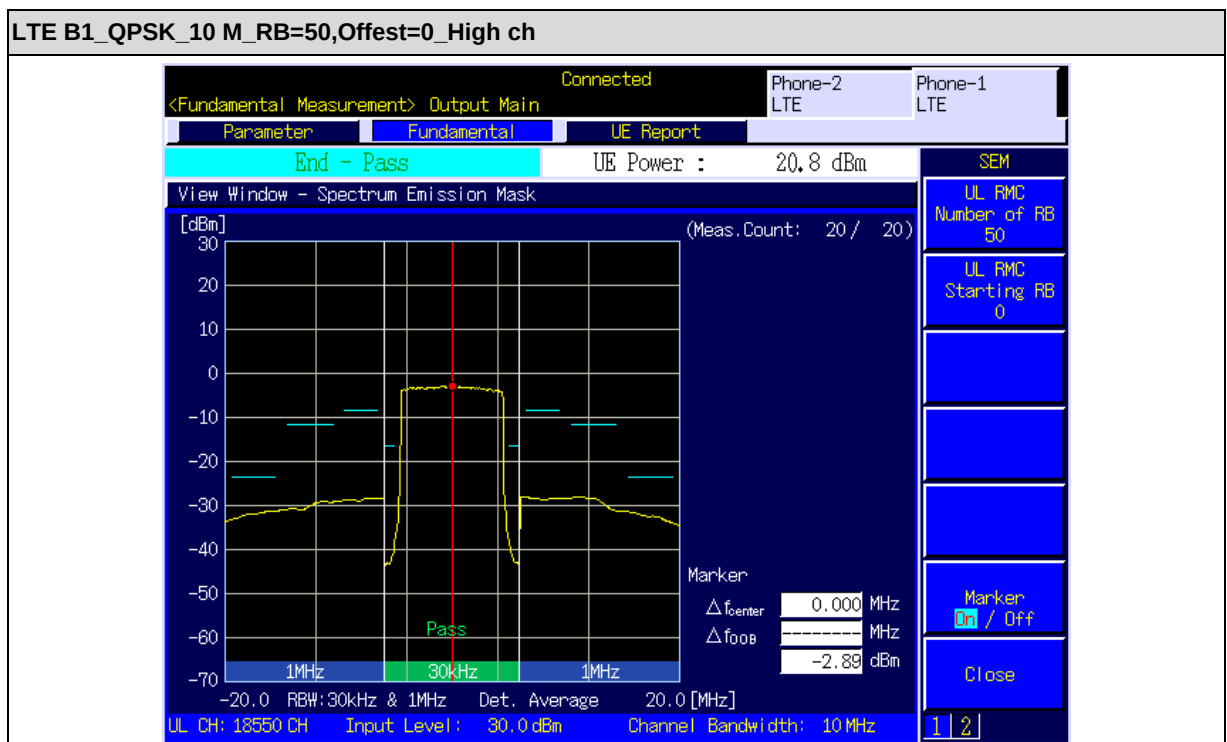
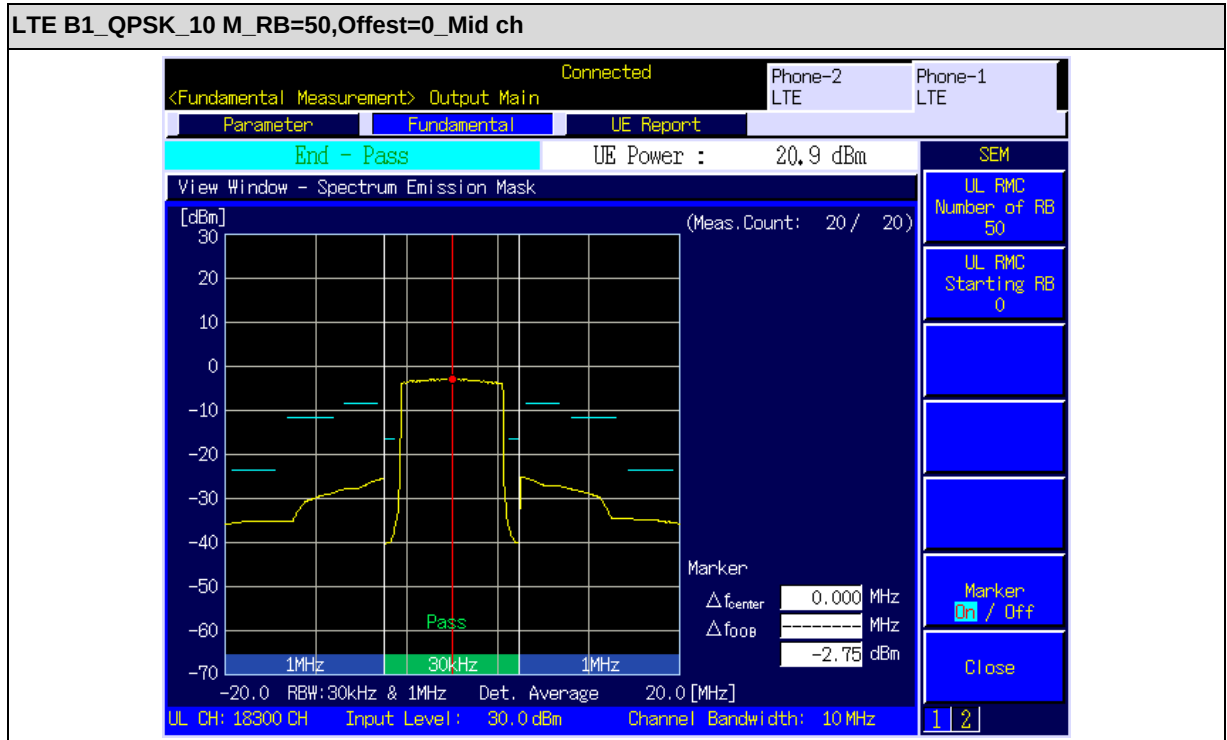


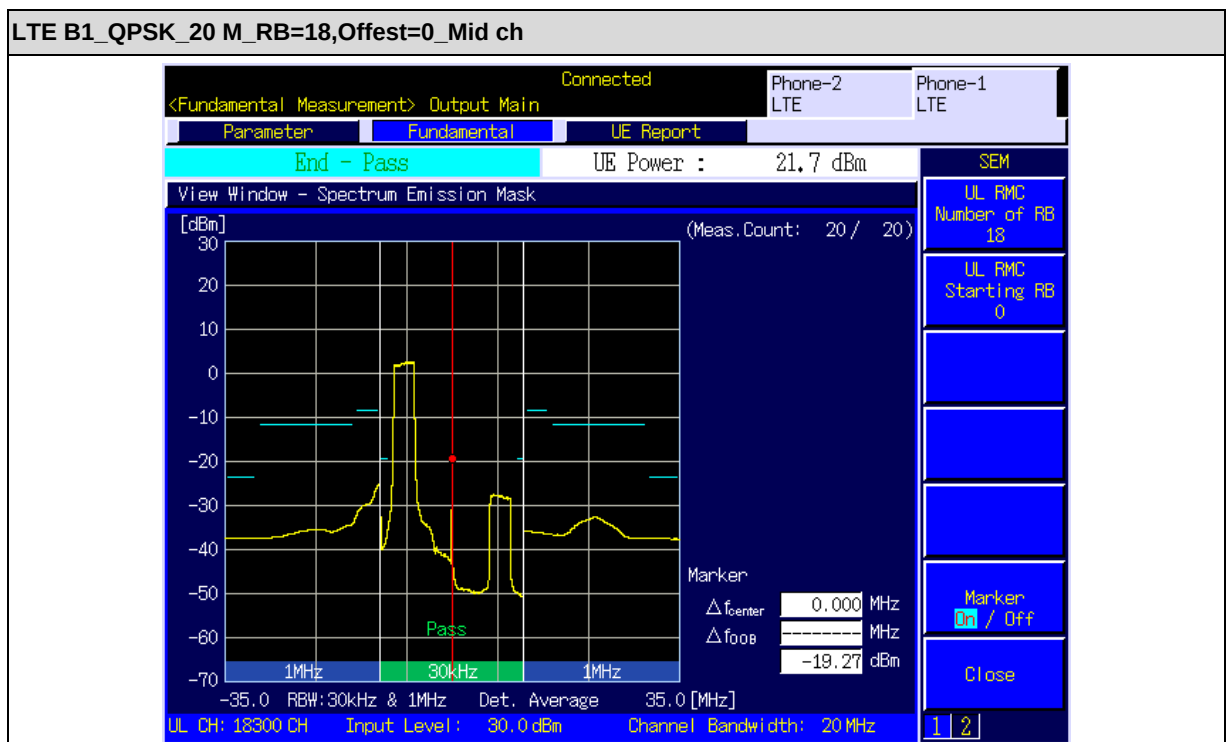
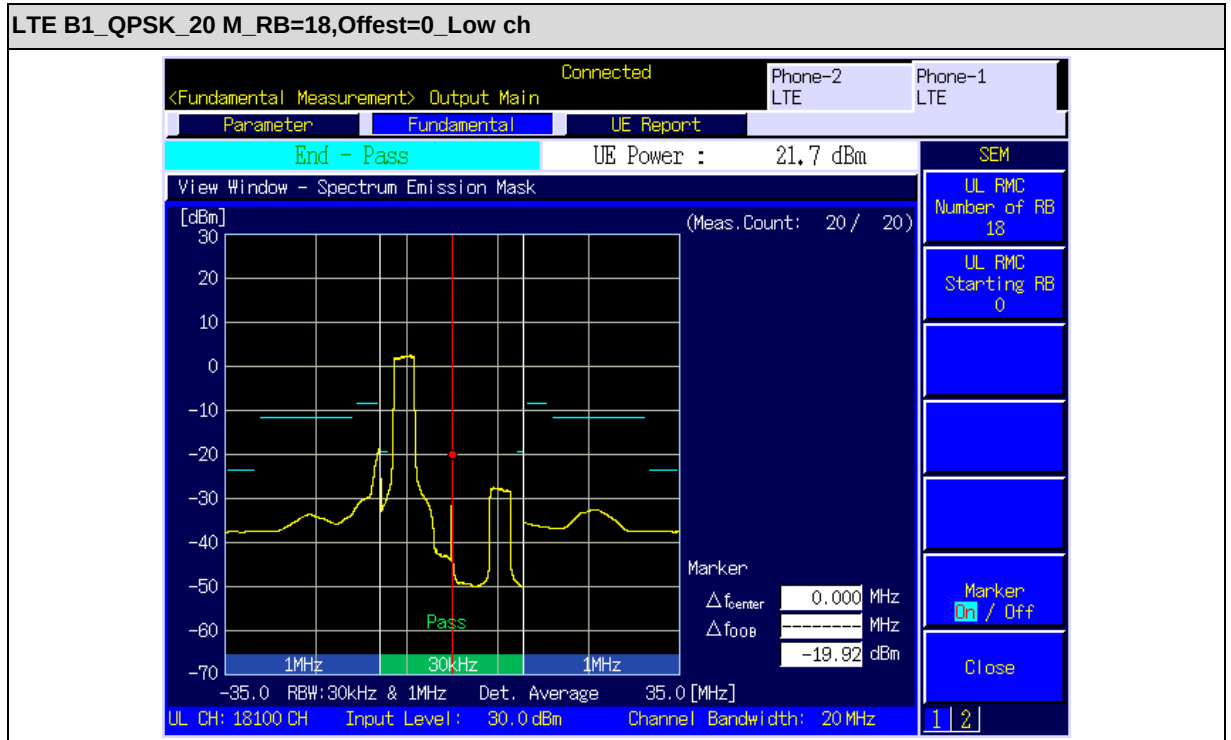


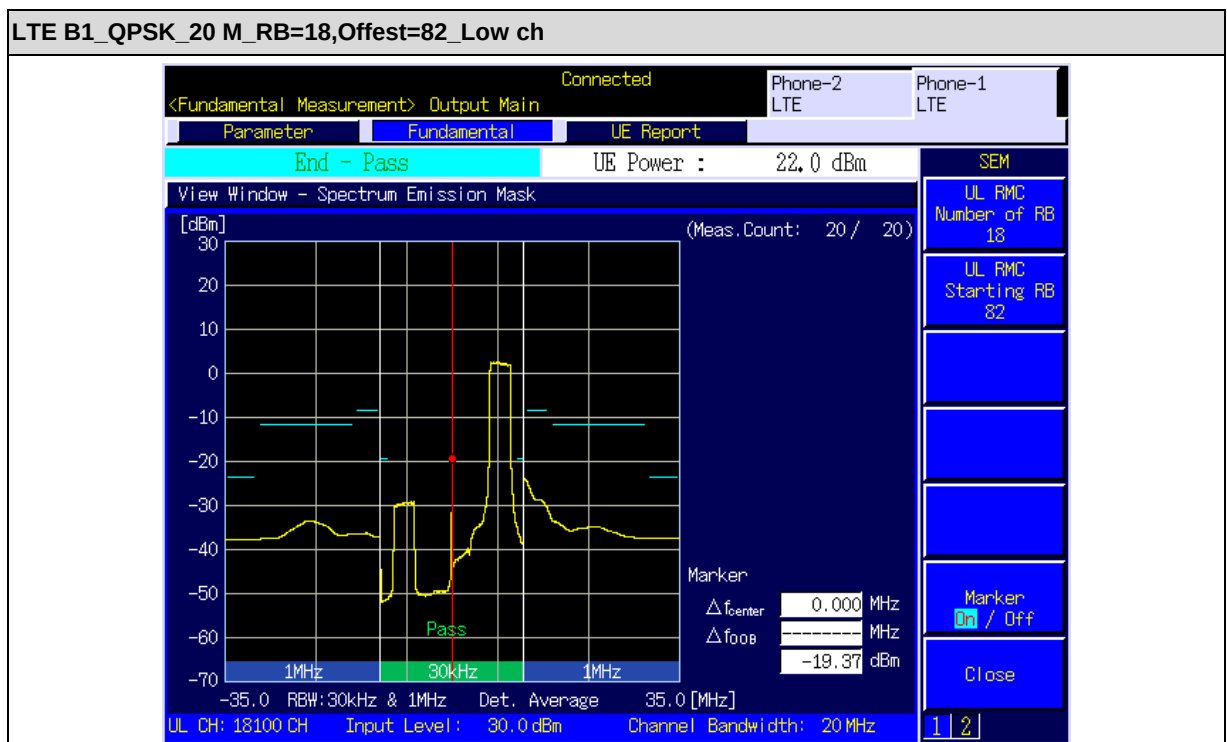
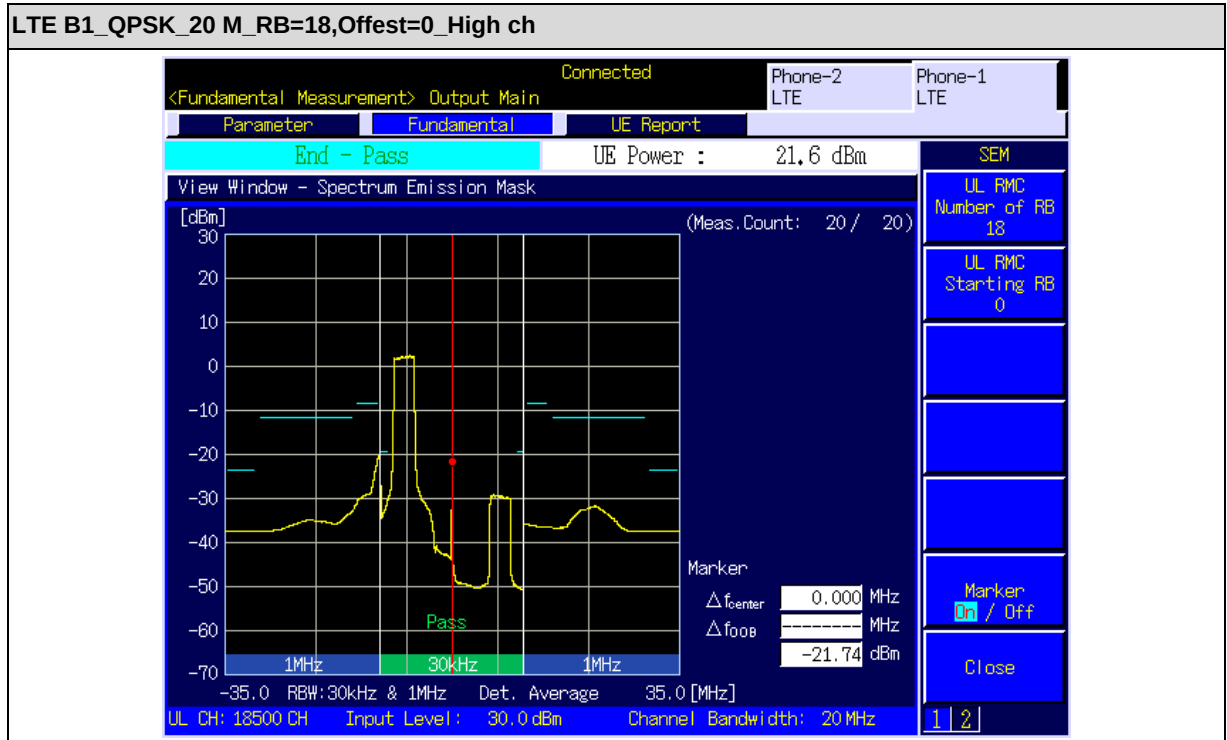


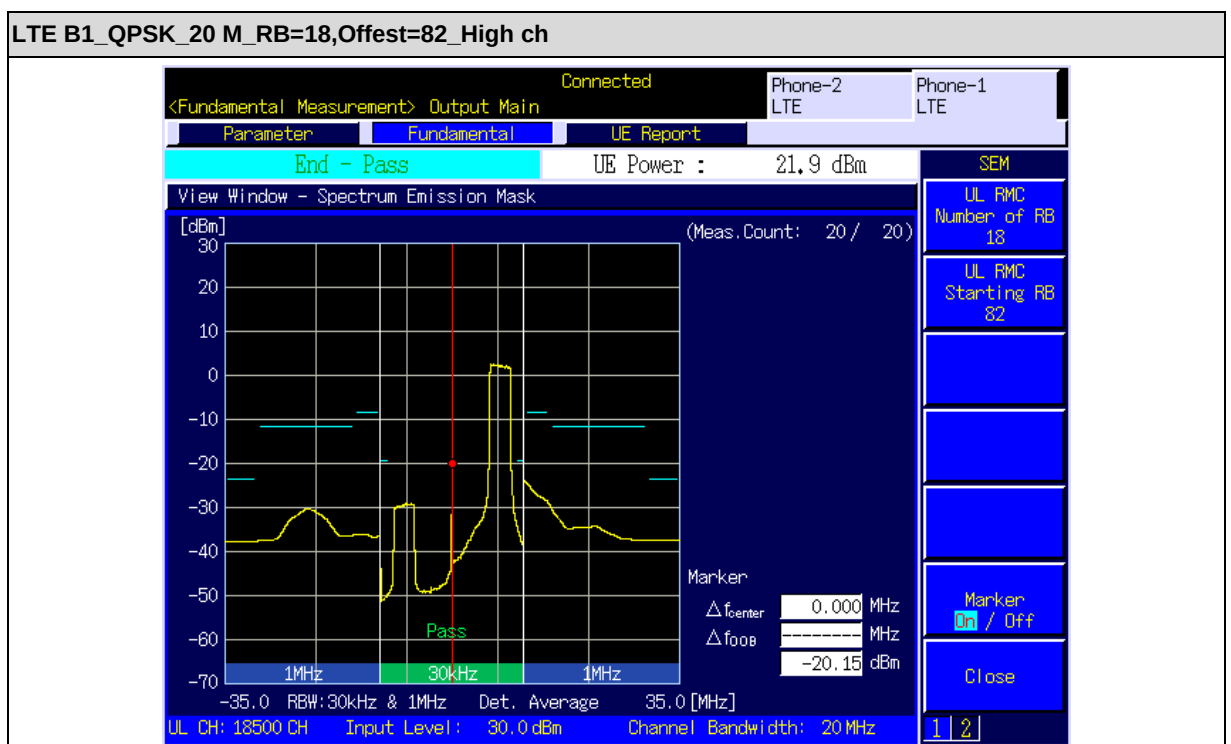
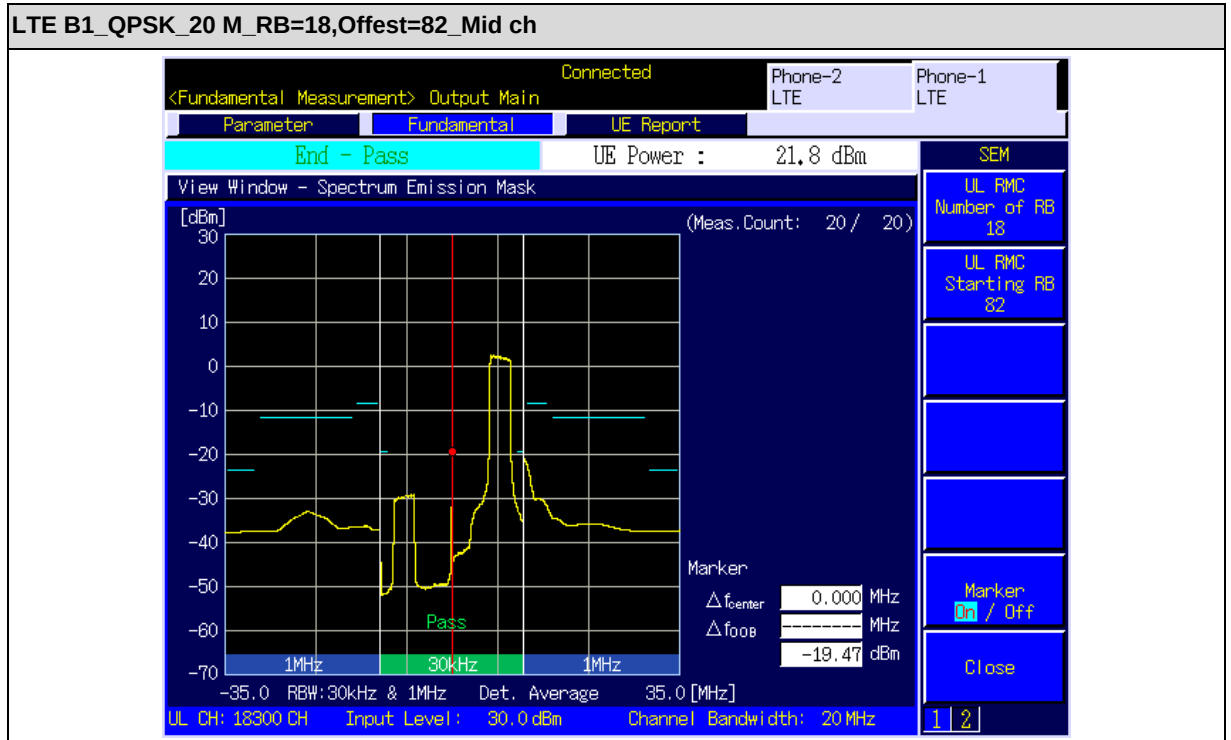


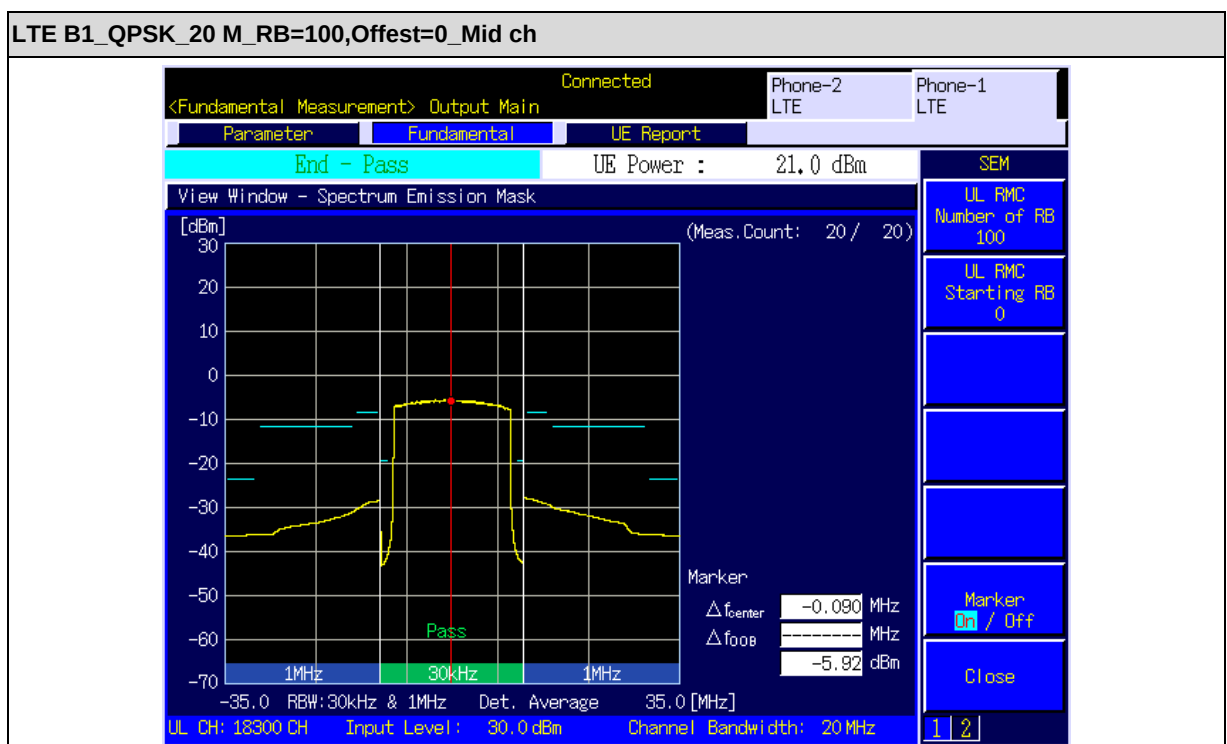


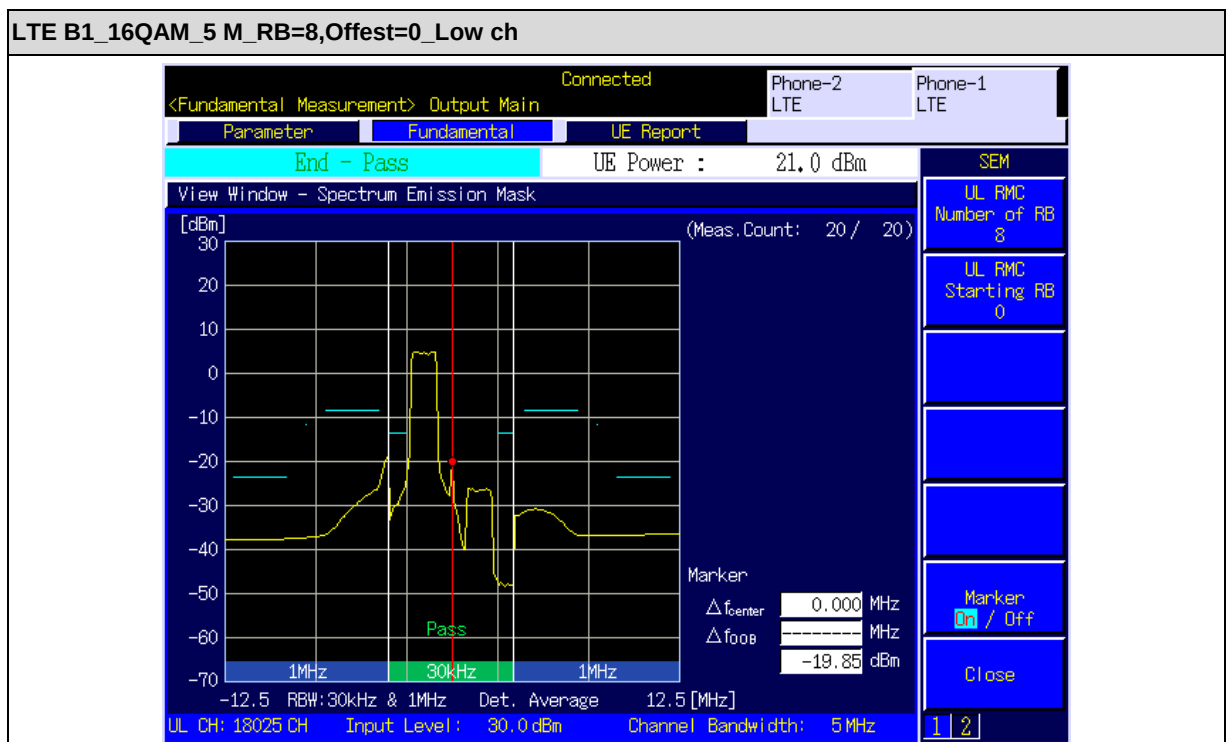
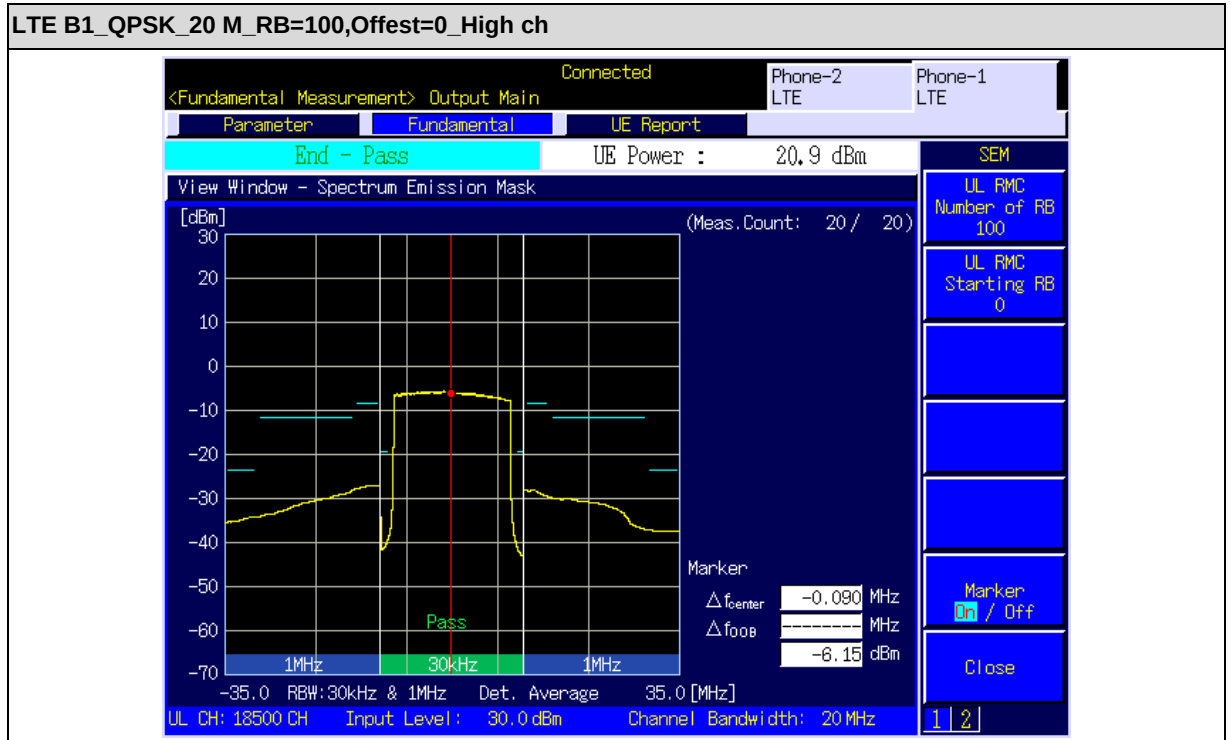


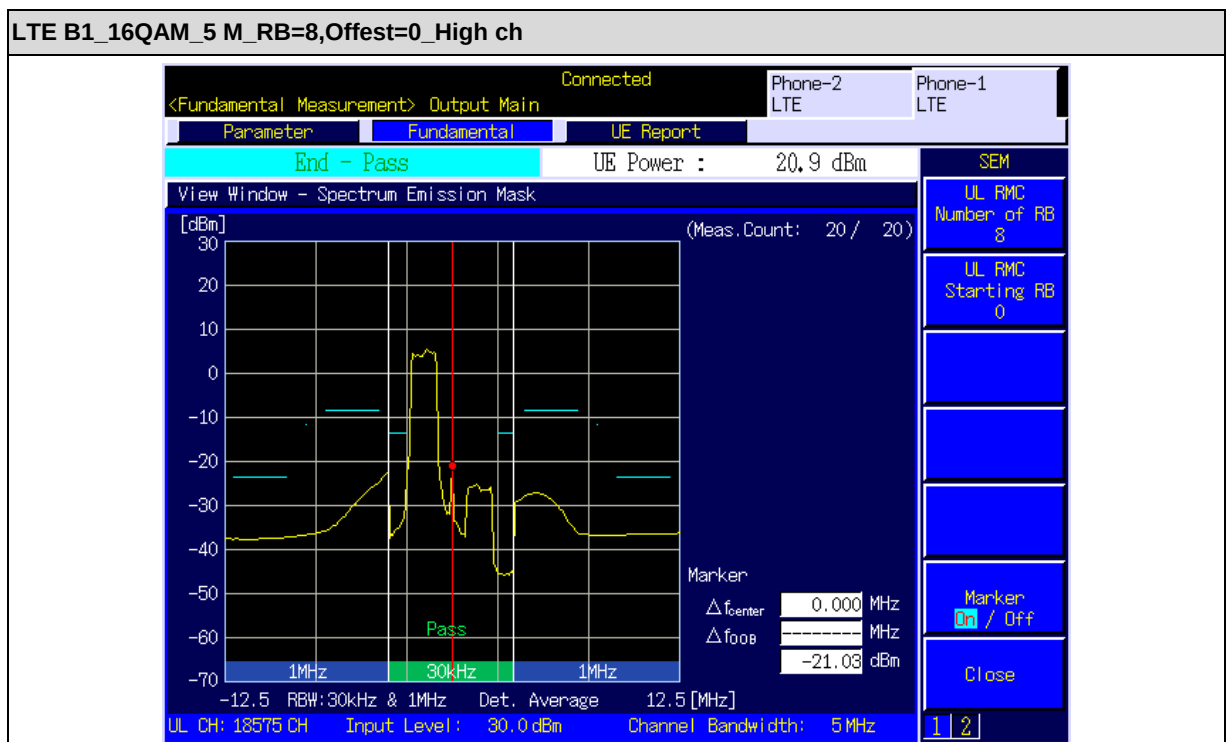
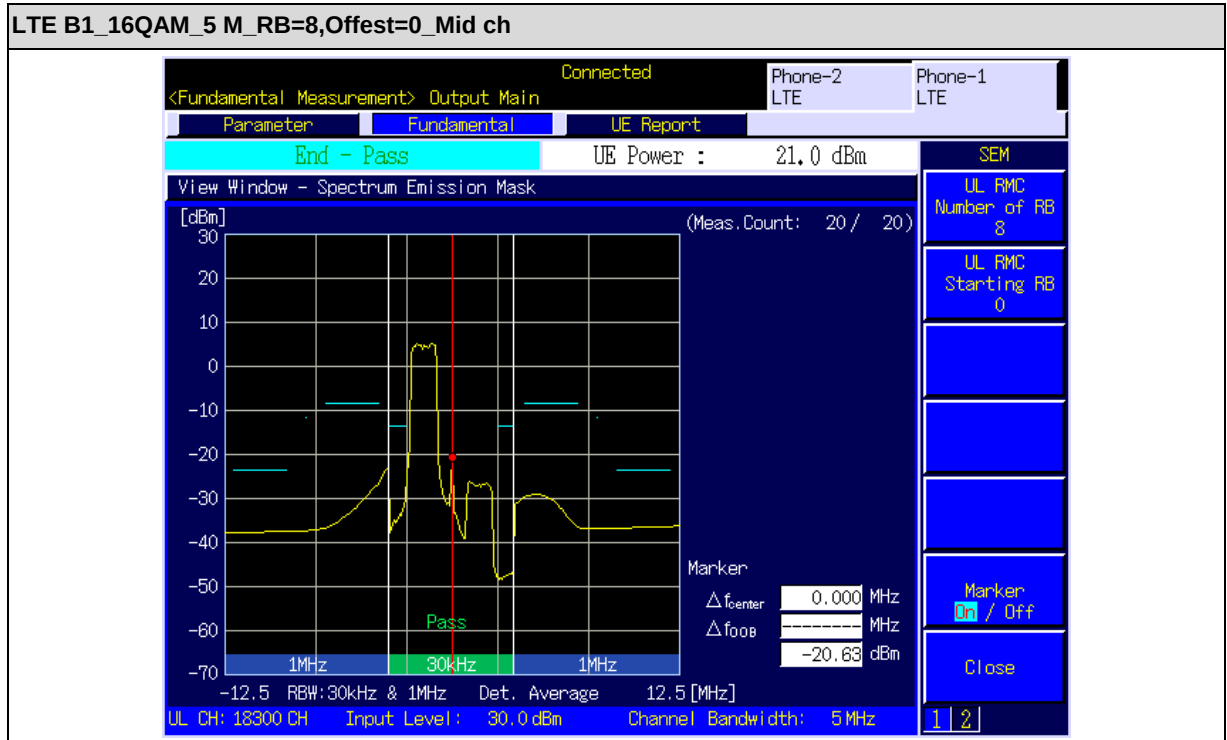


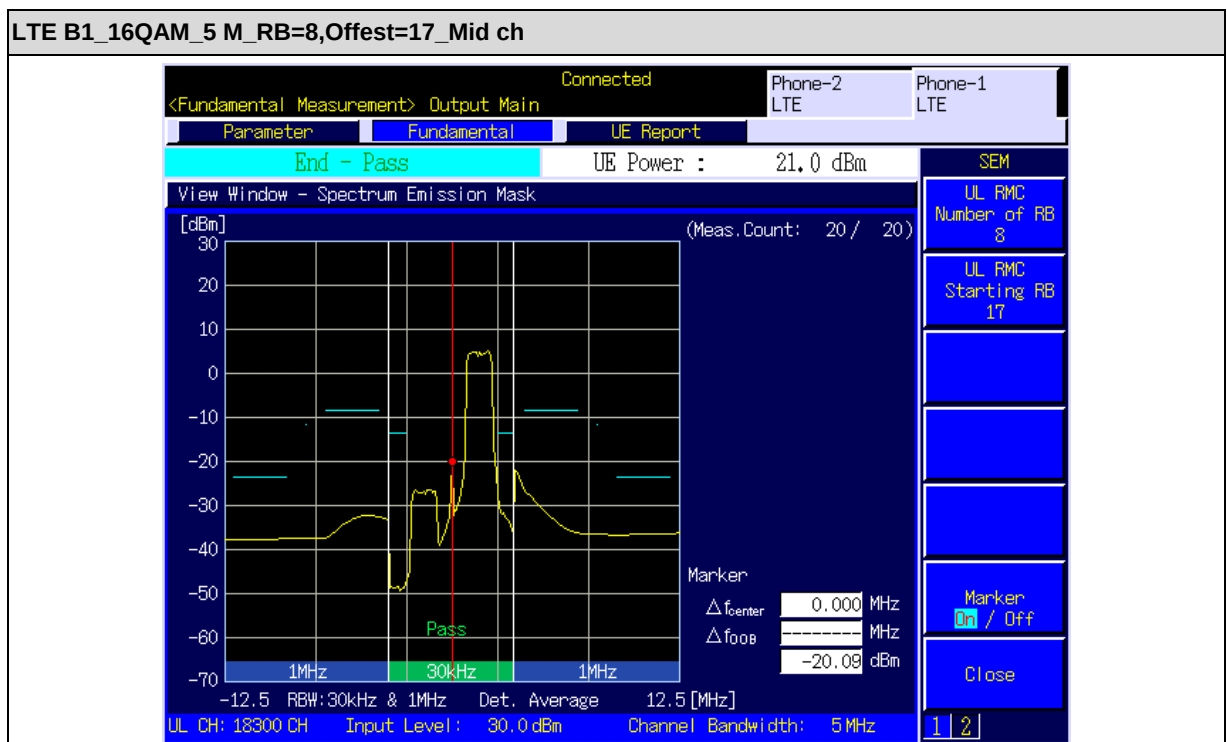
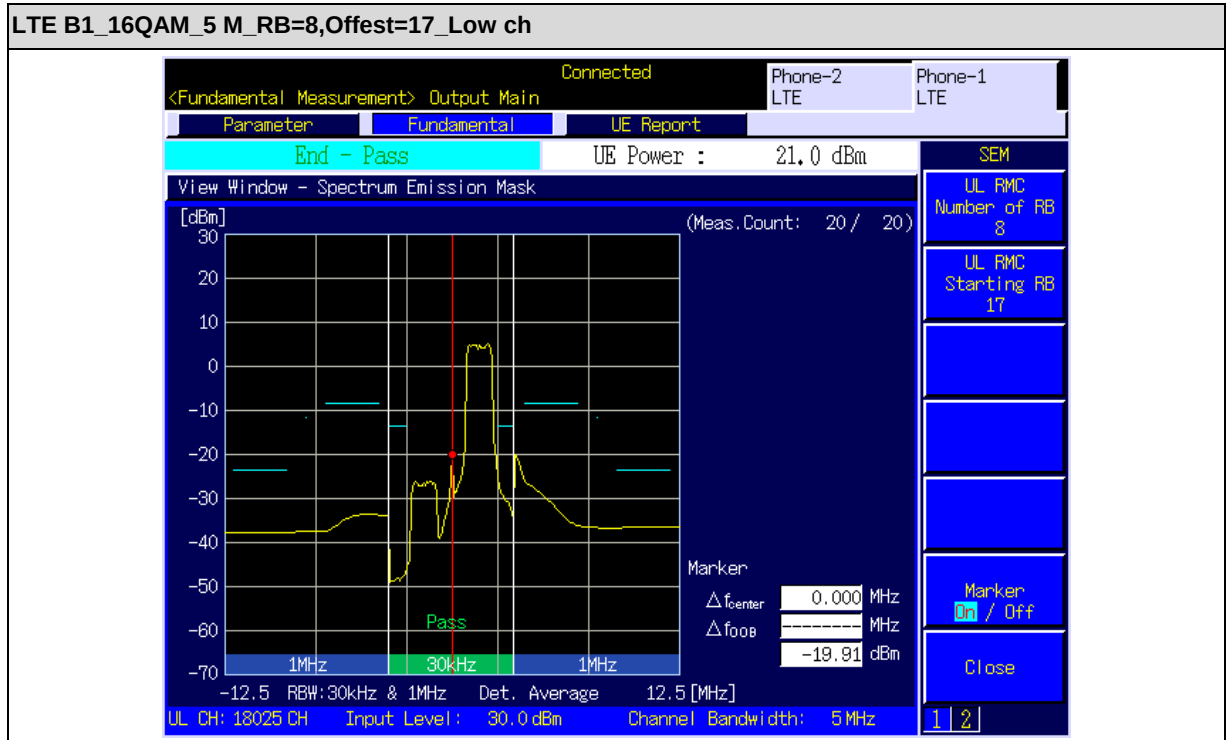


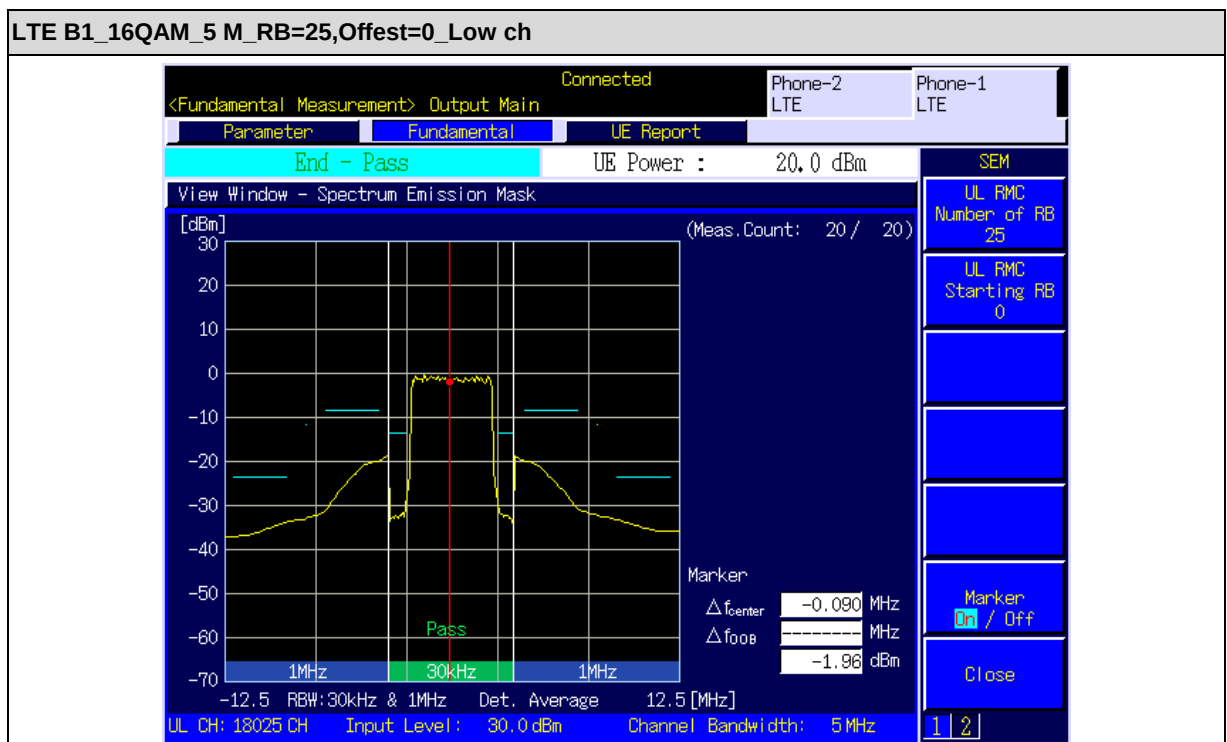
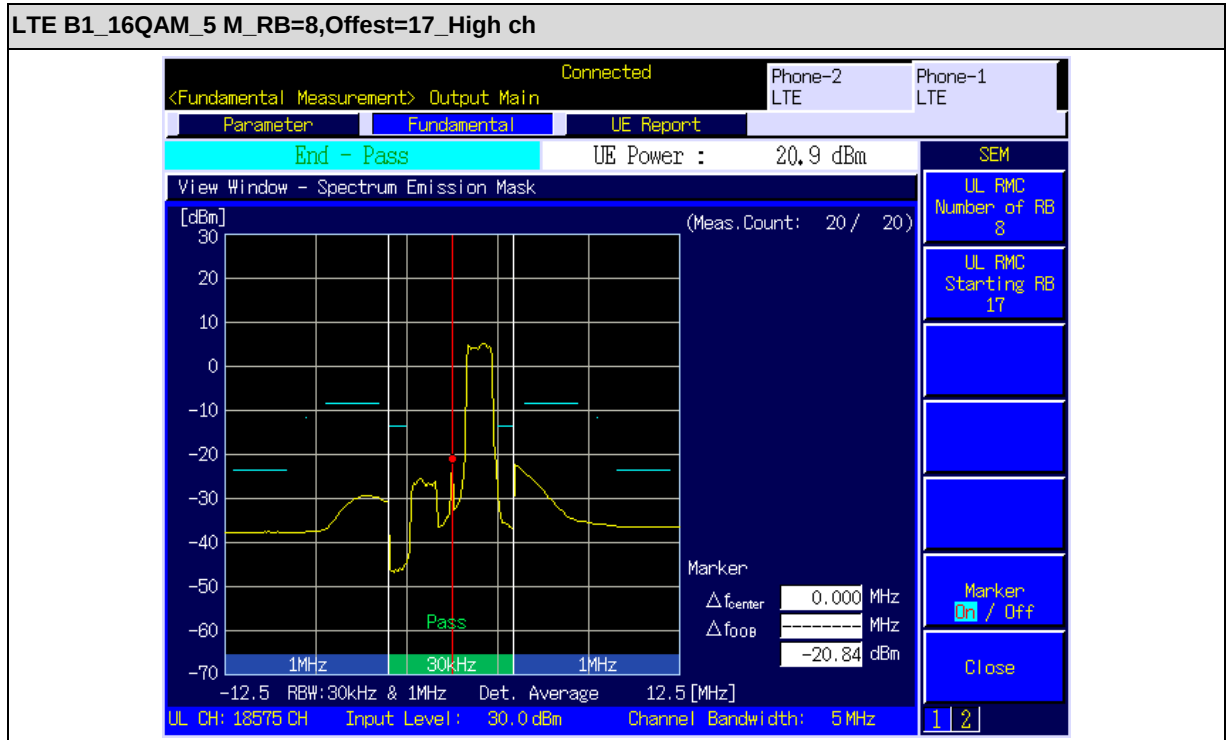


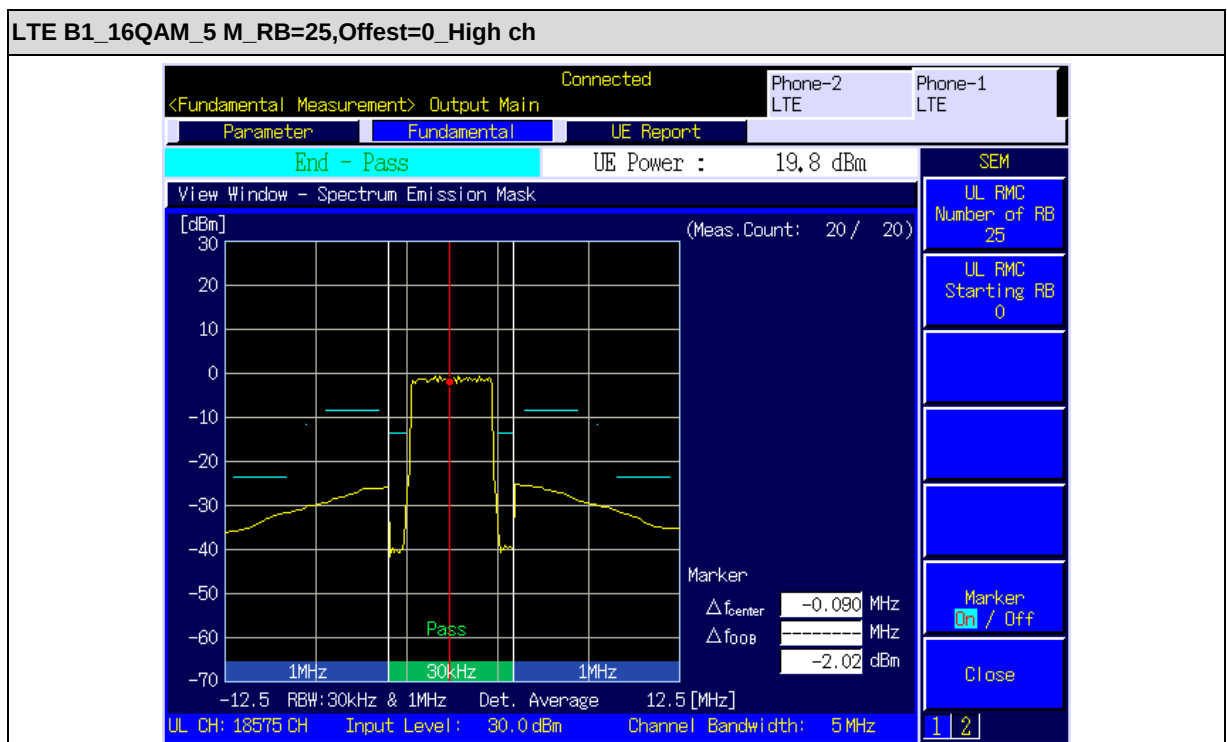
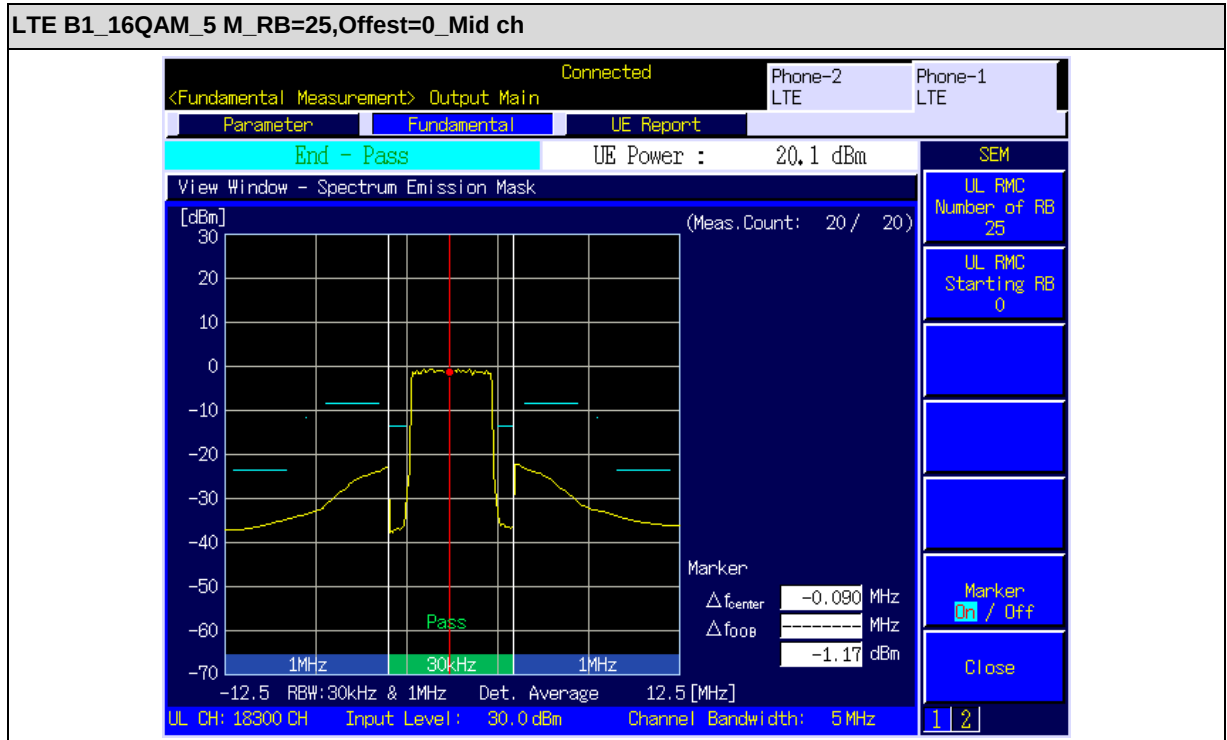


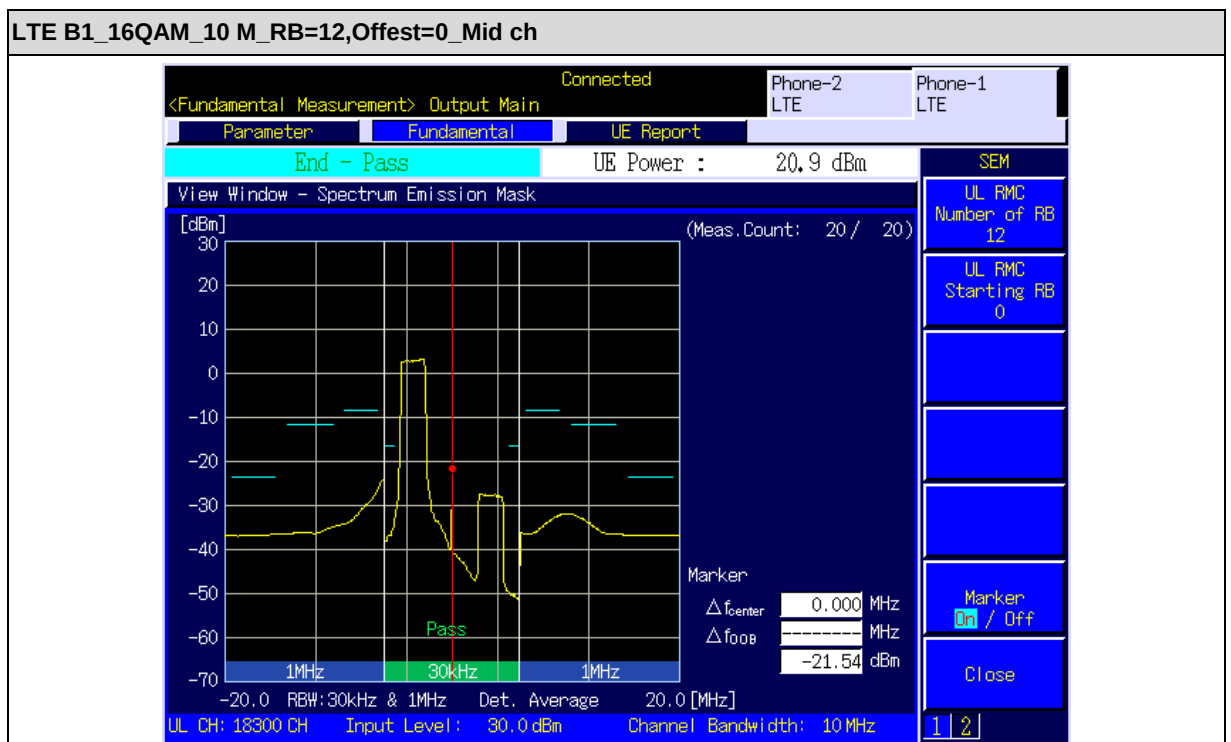


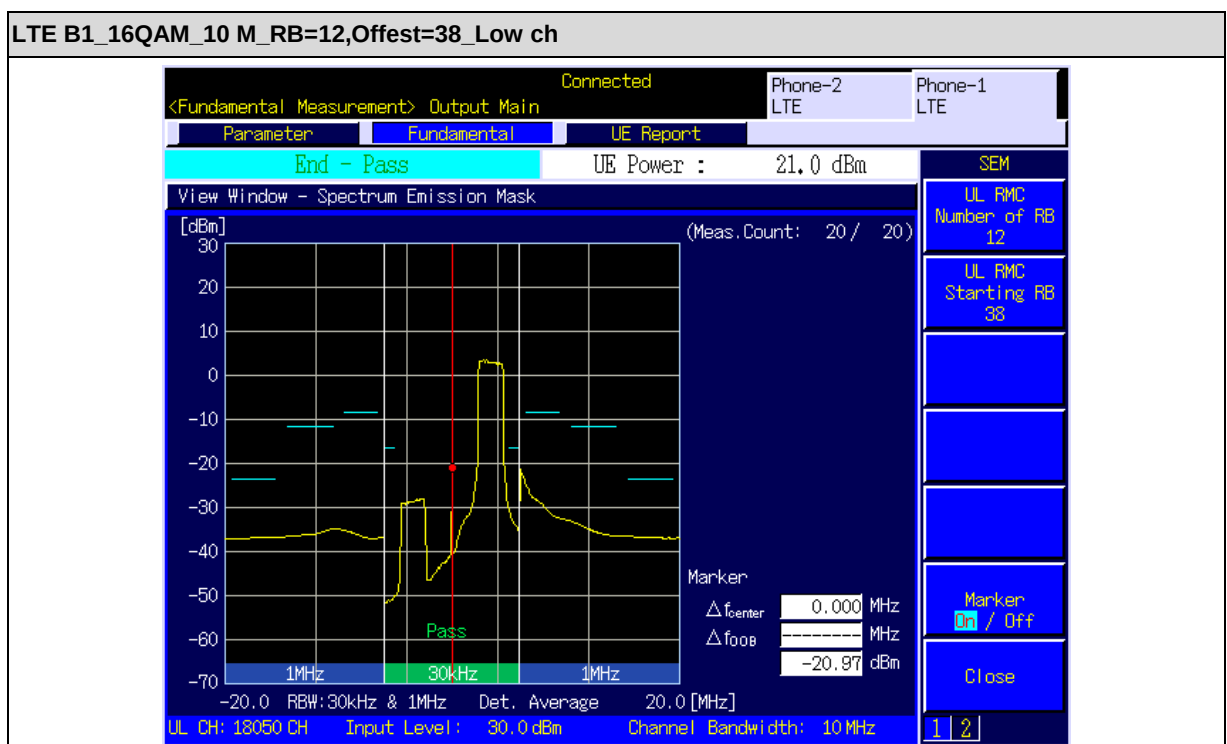


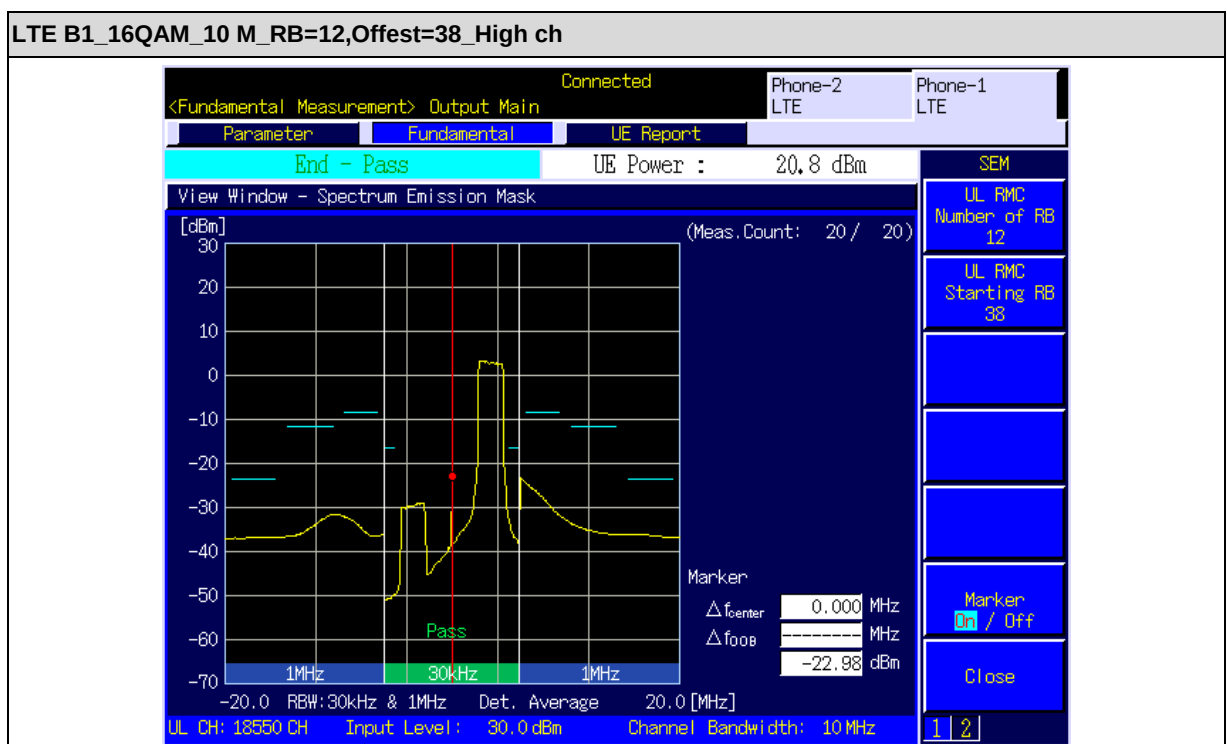


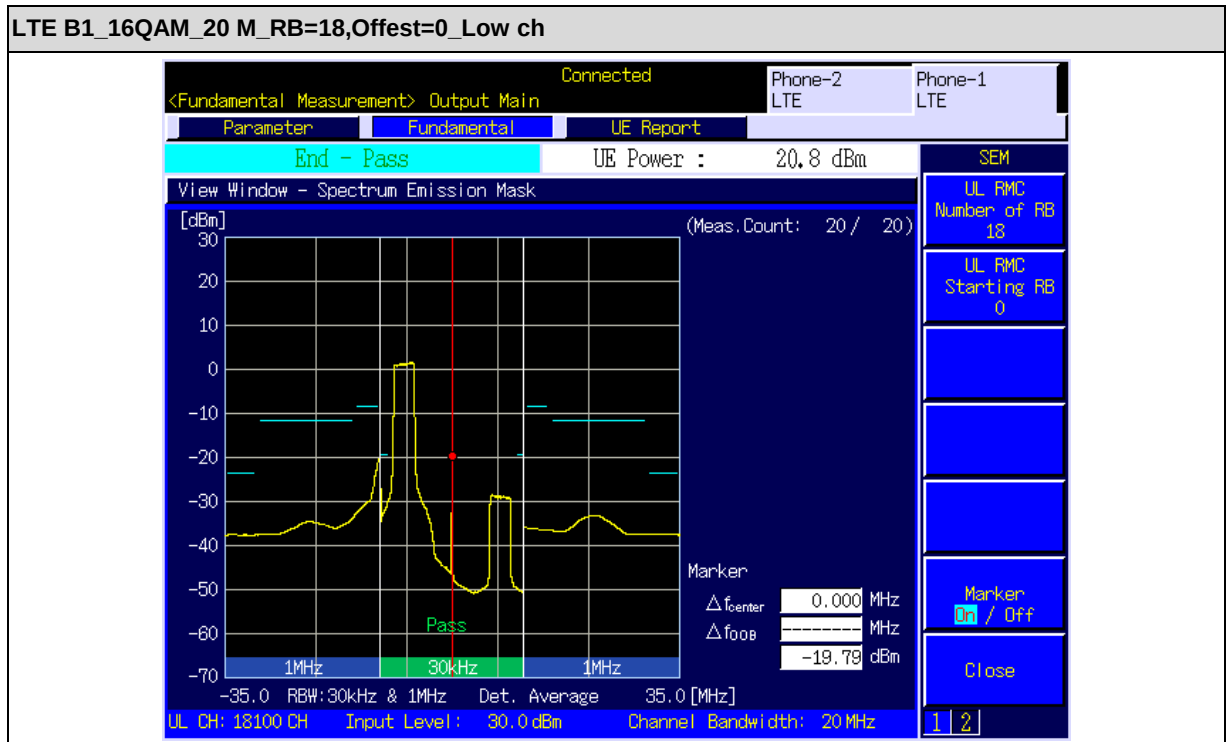


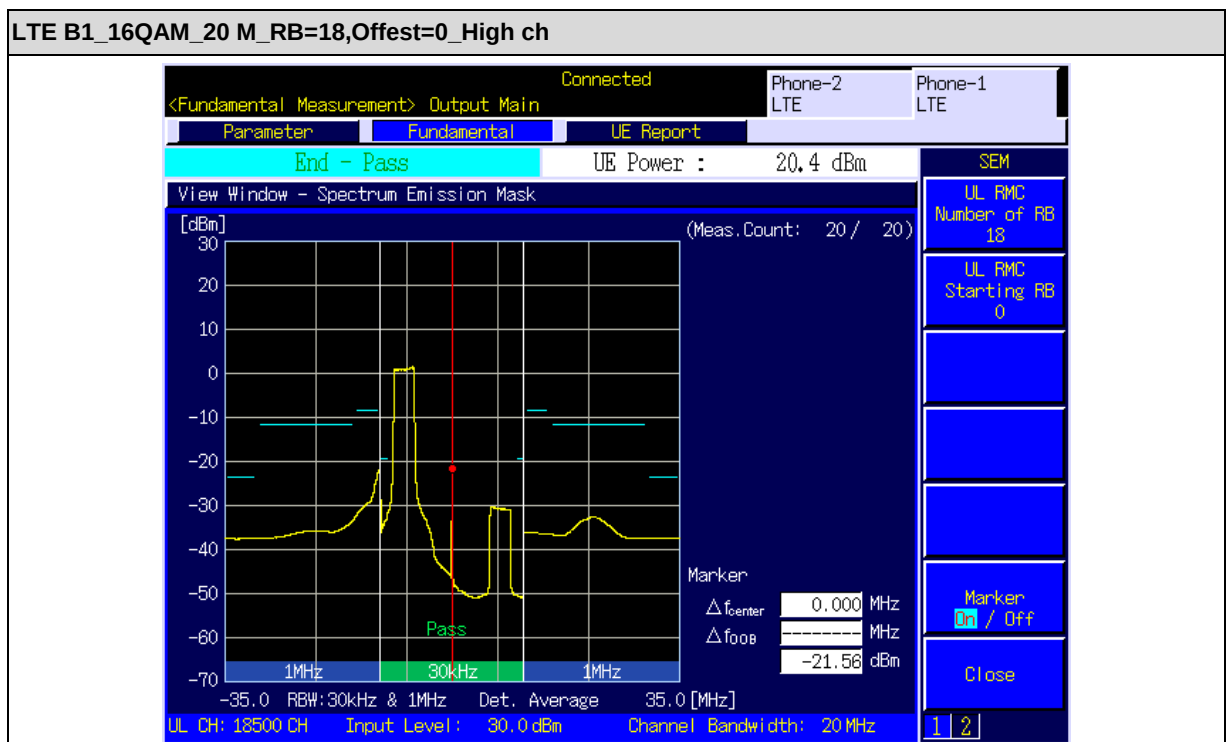
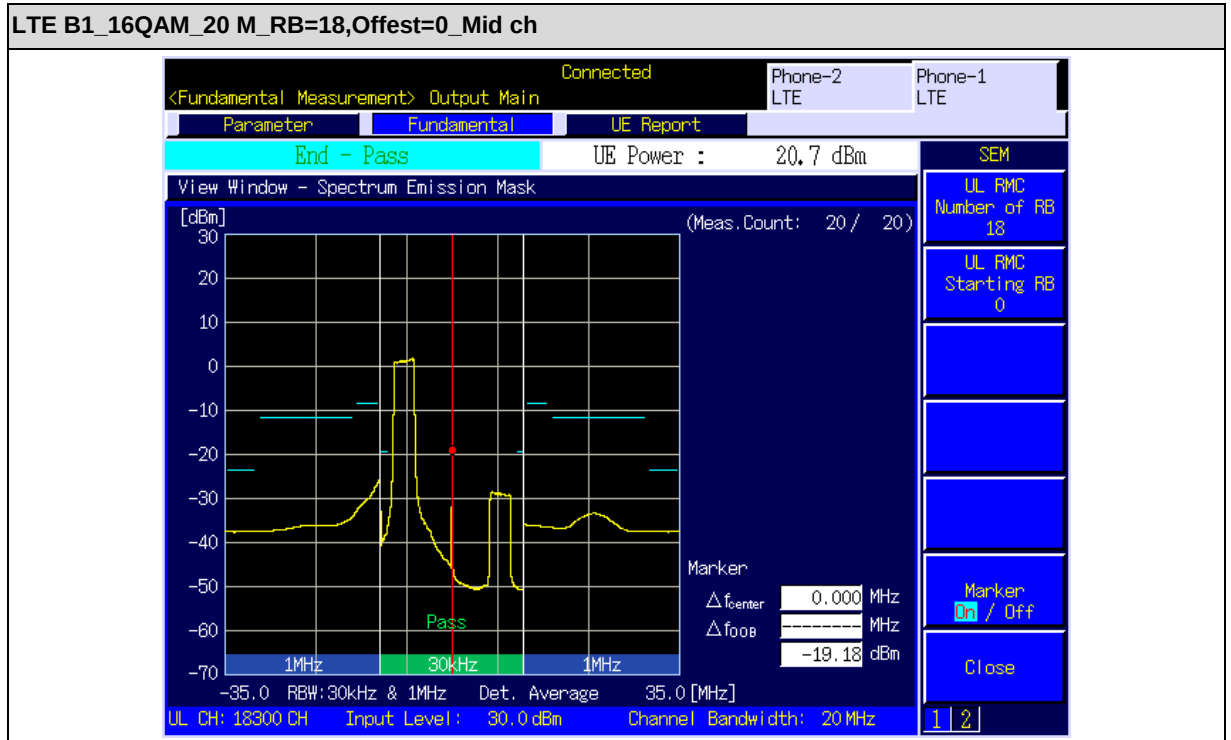


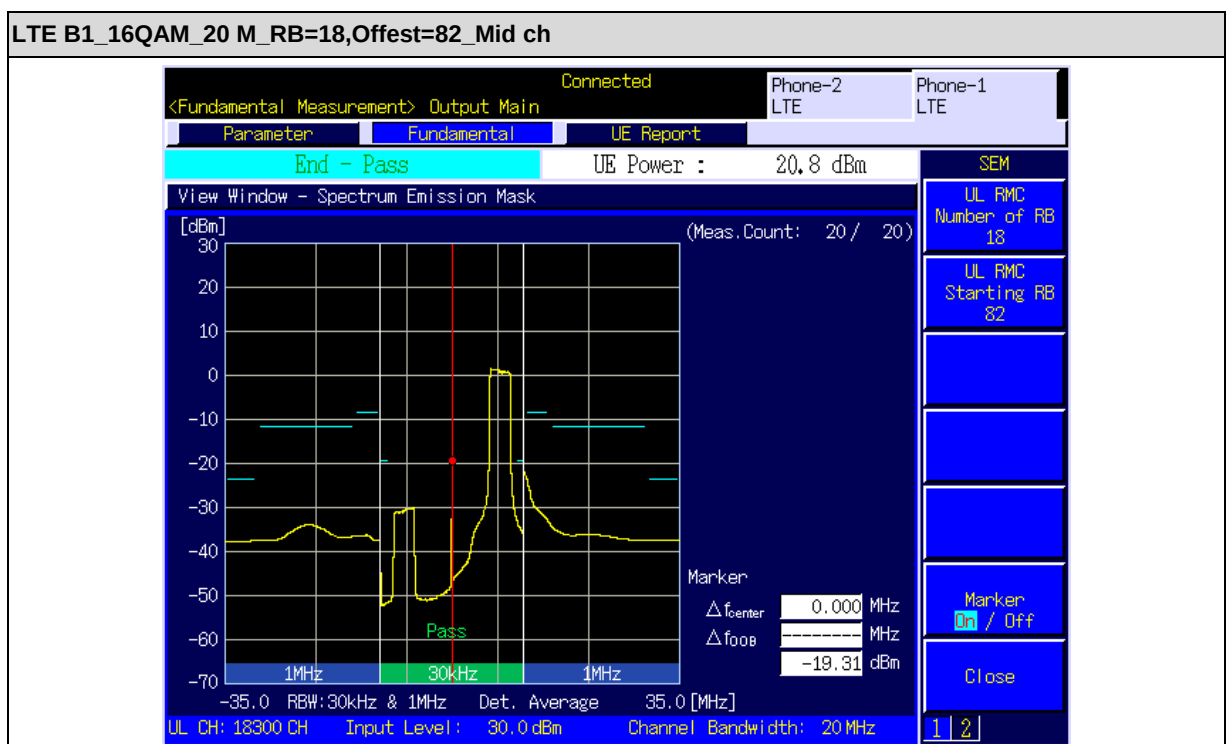
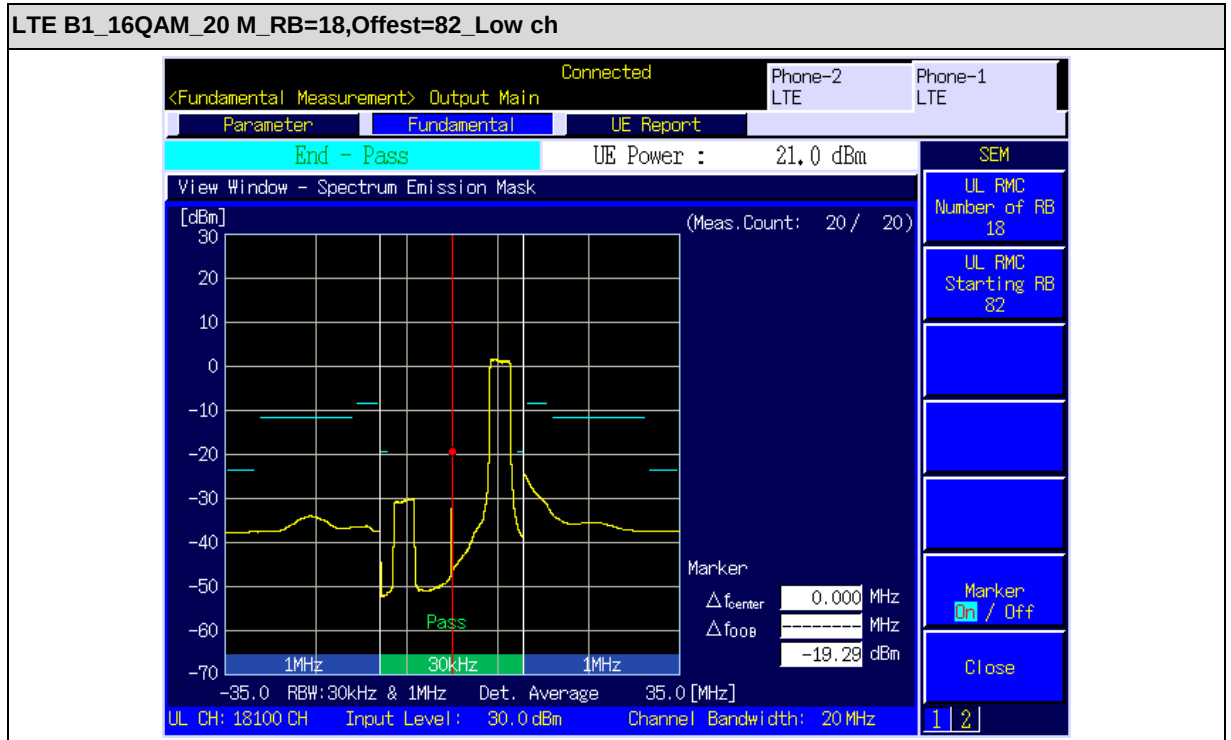


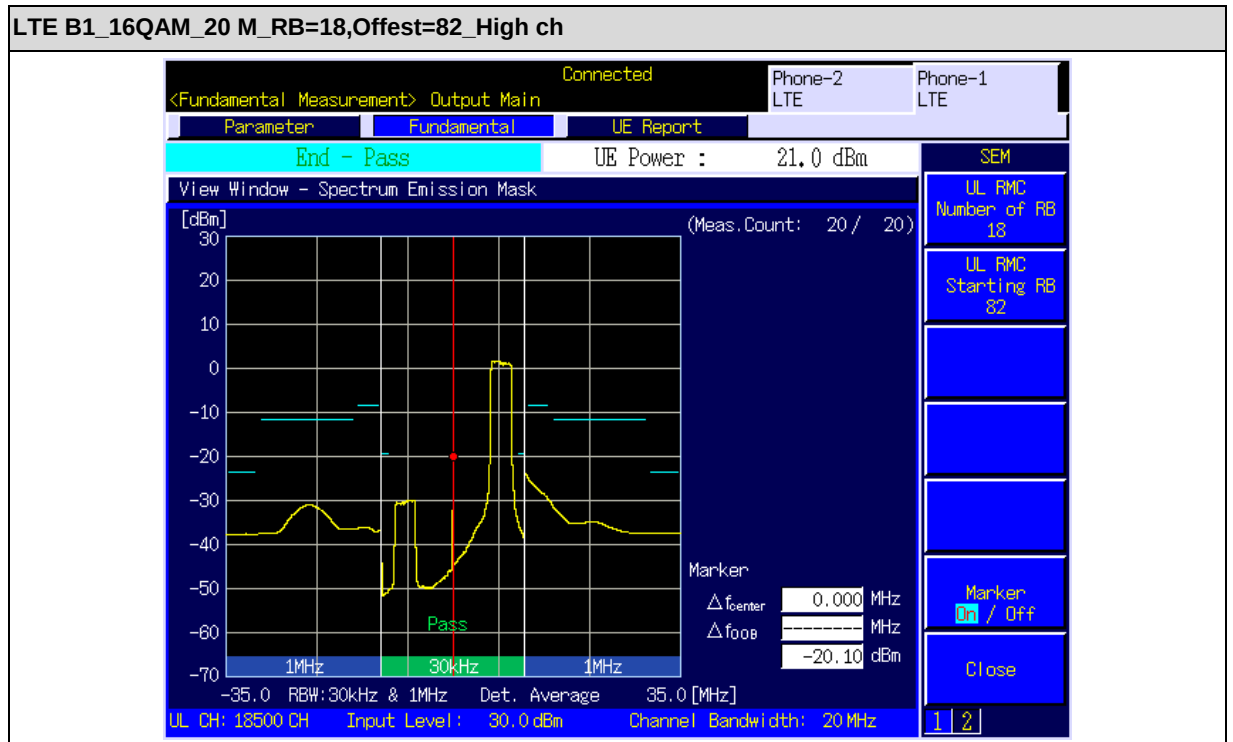




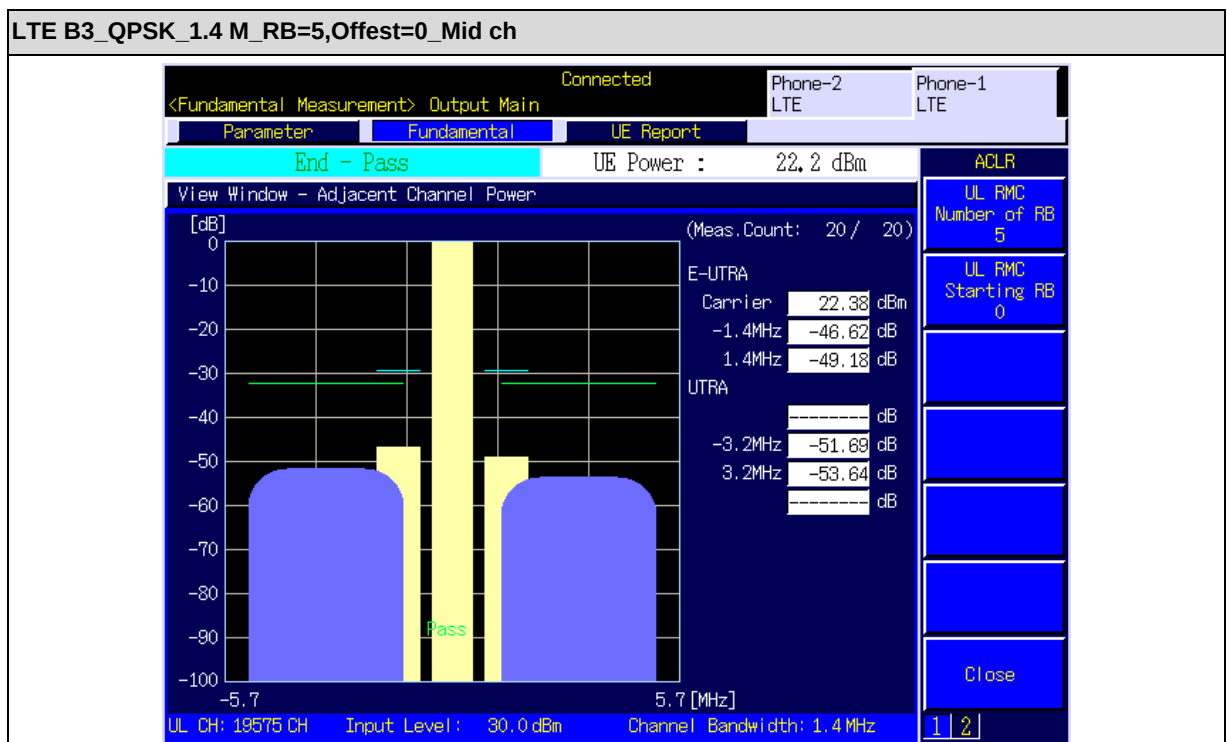
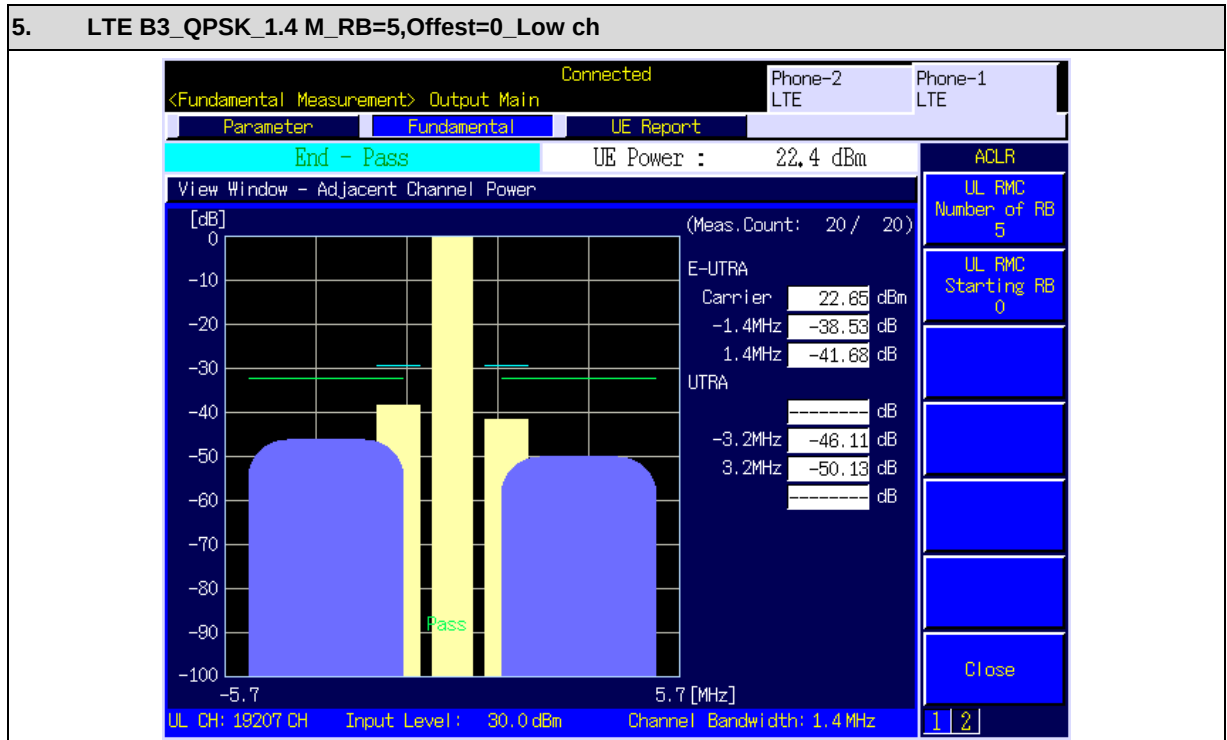


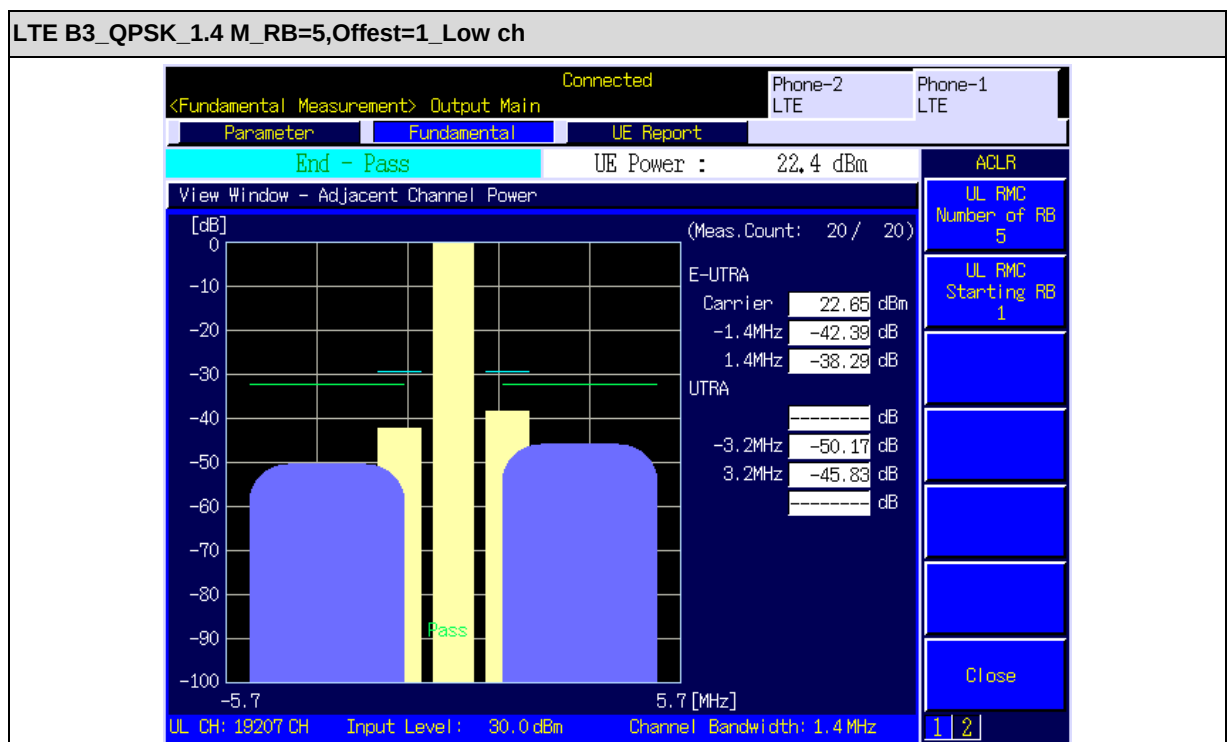
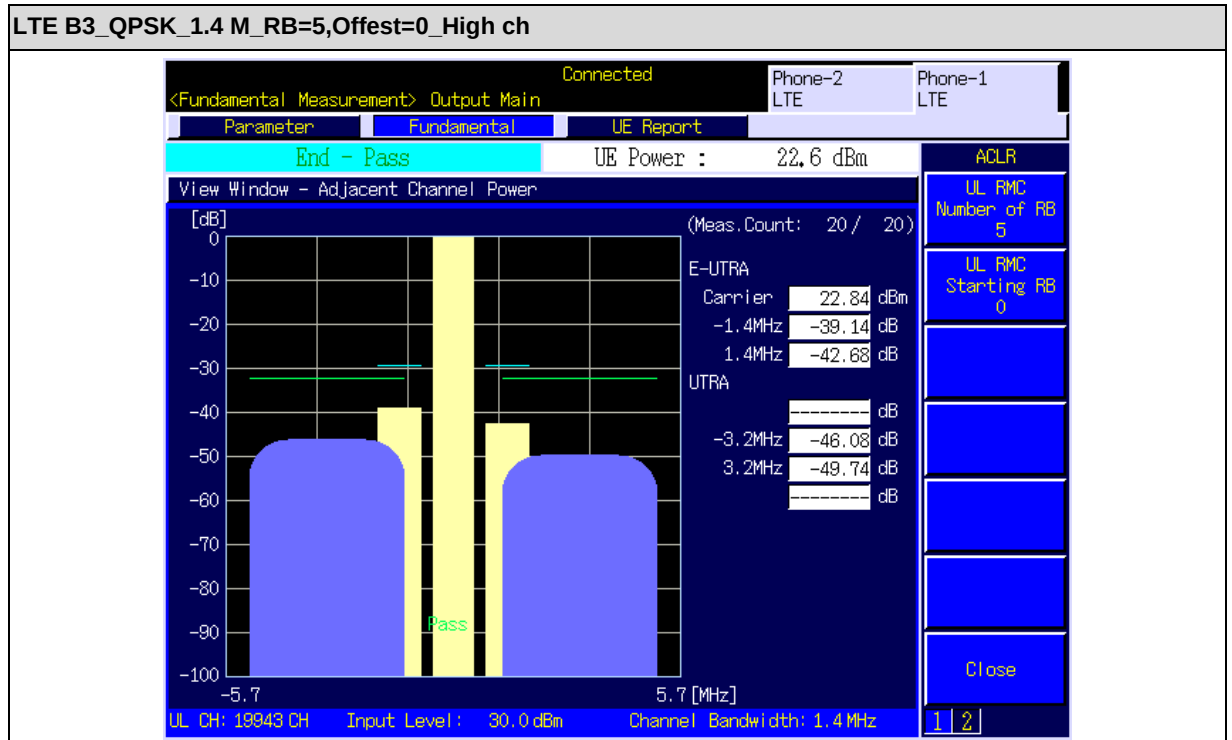




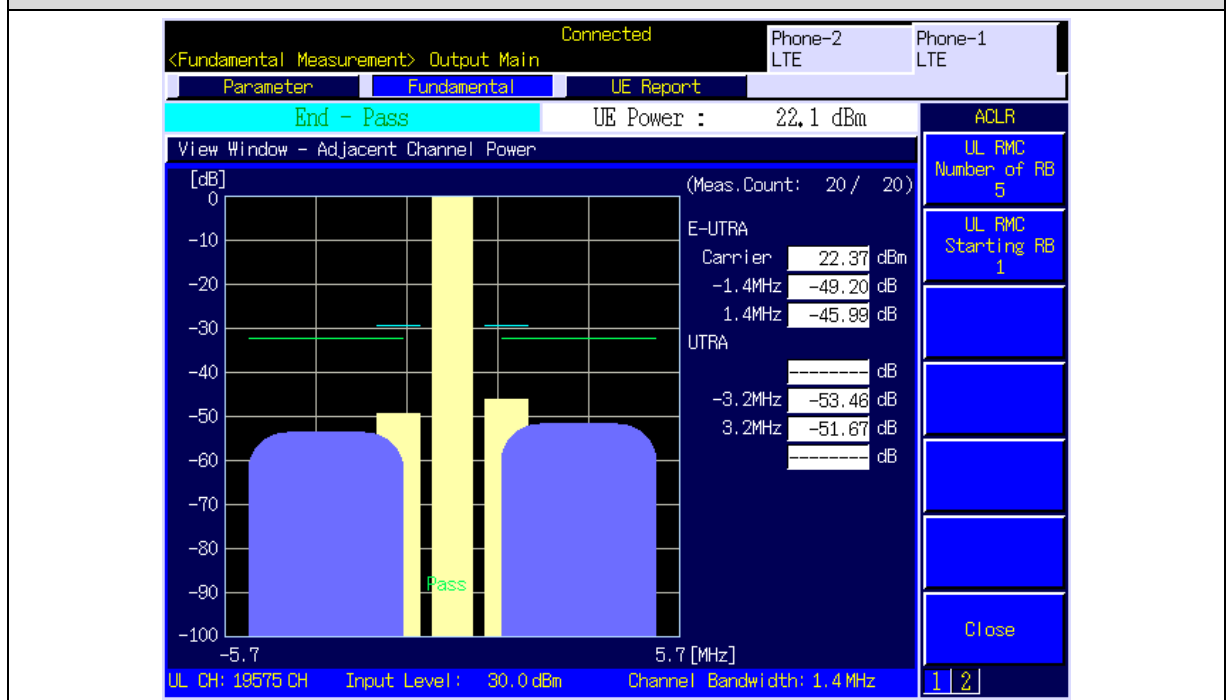


4.2.2 ACLR

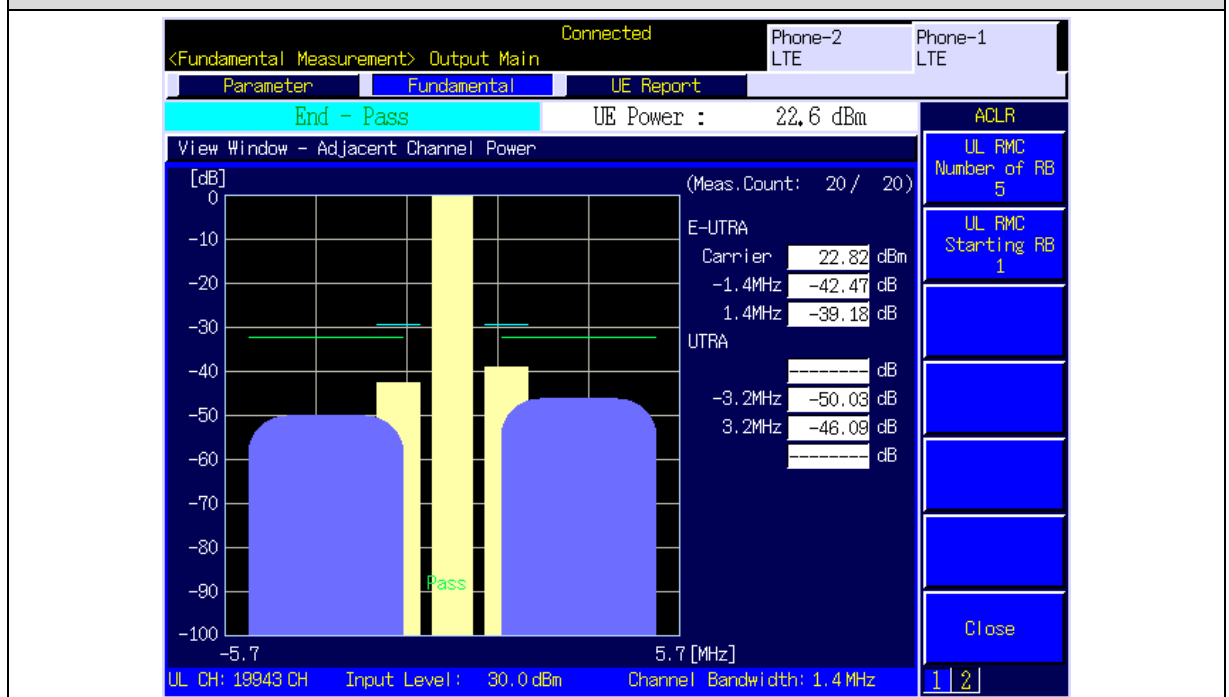




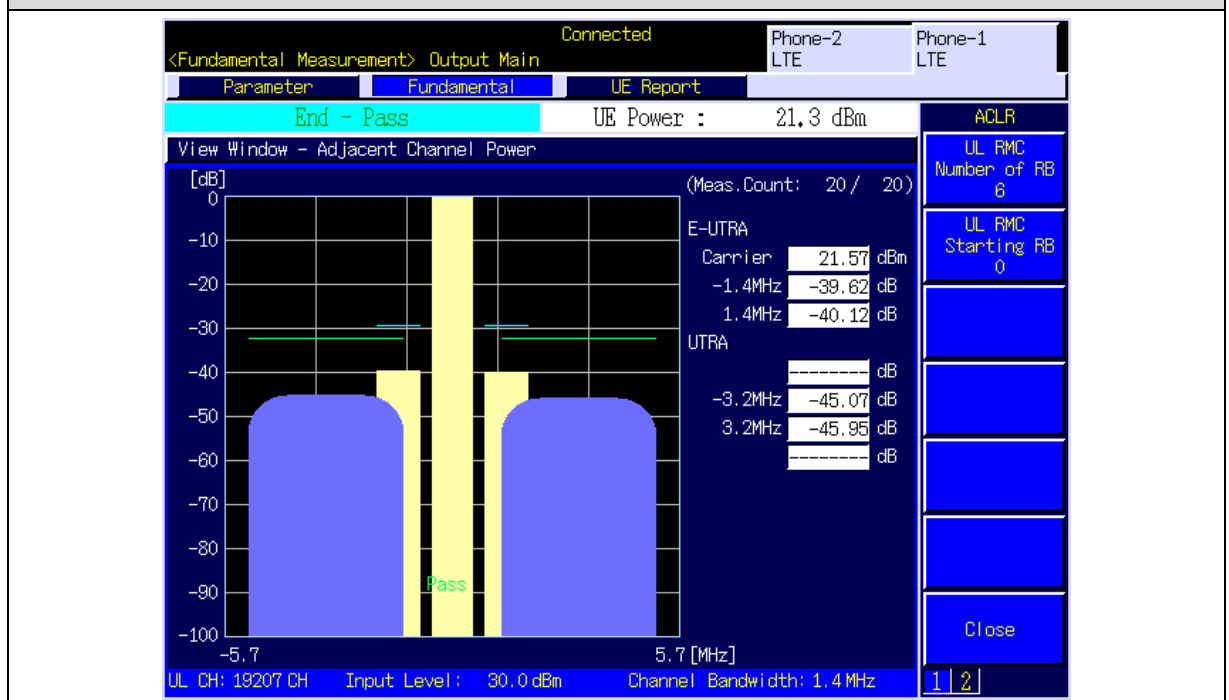
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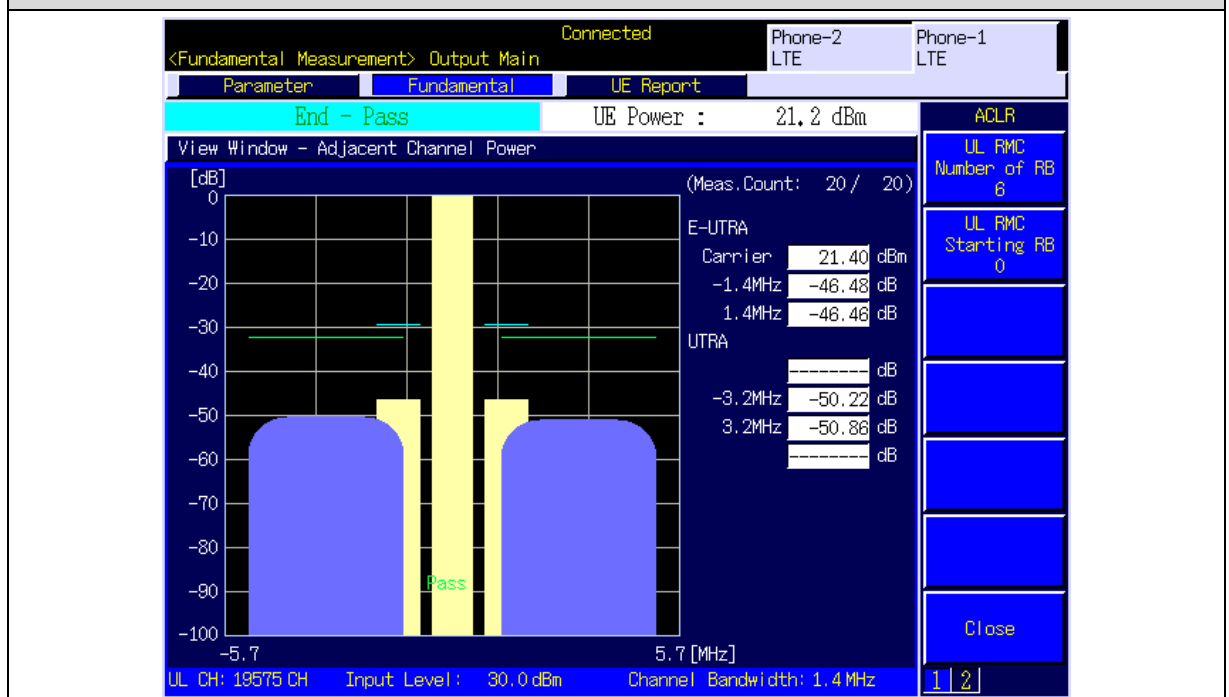
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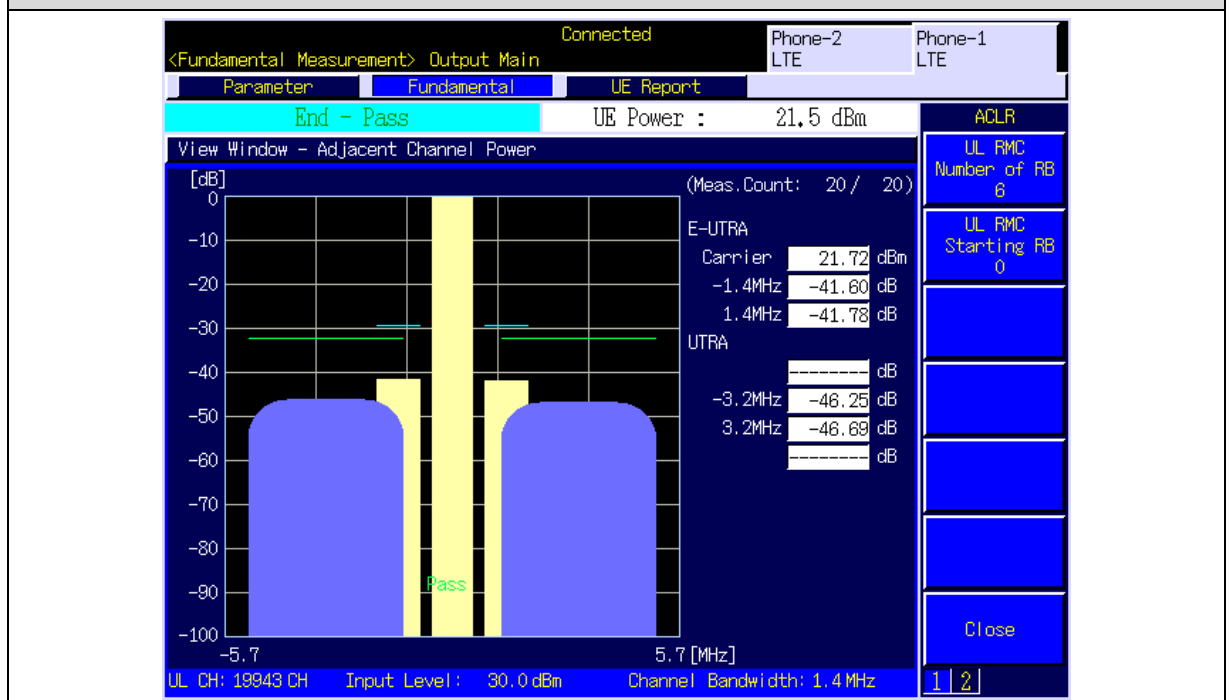
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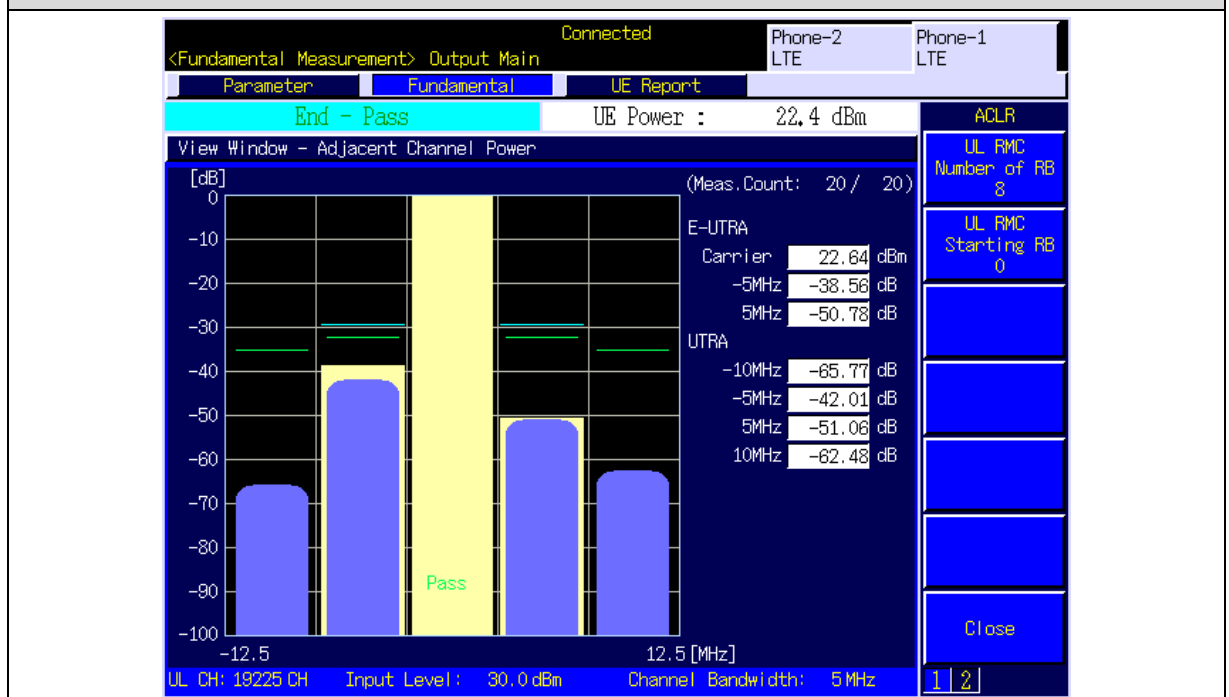
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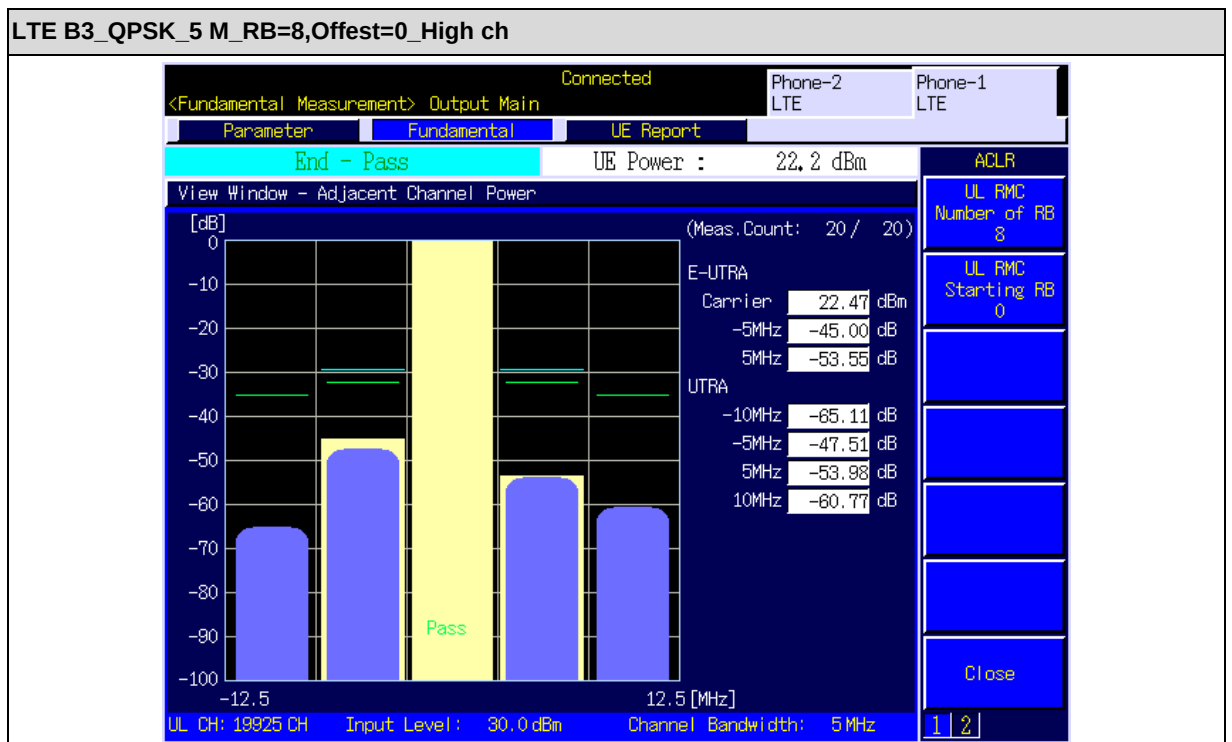
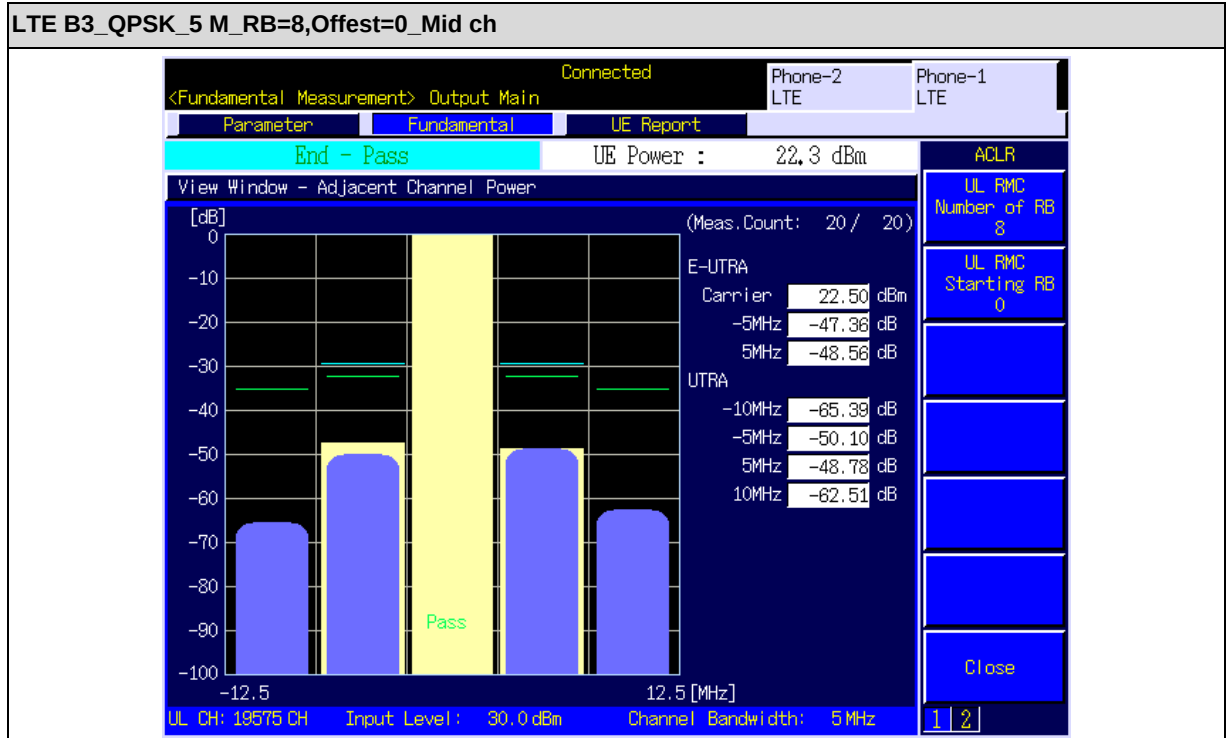


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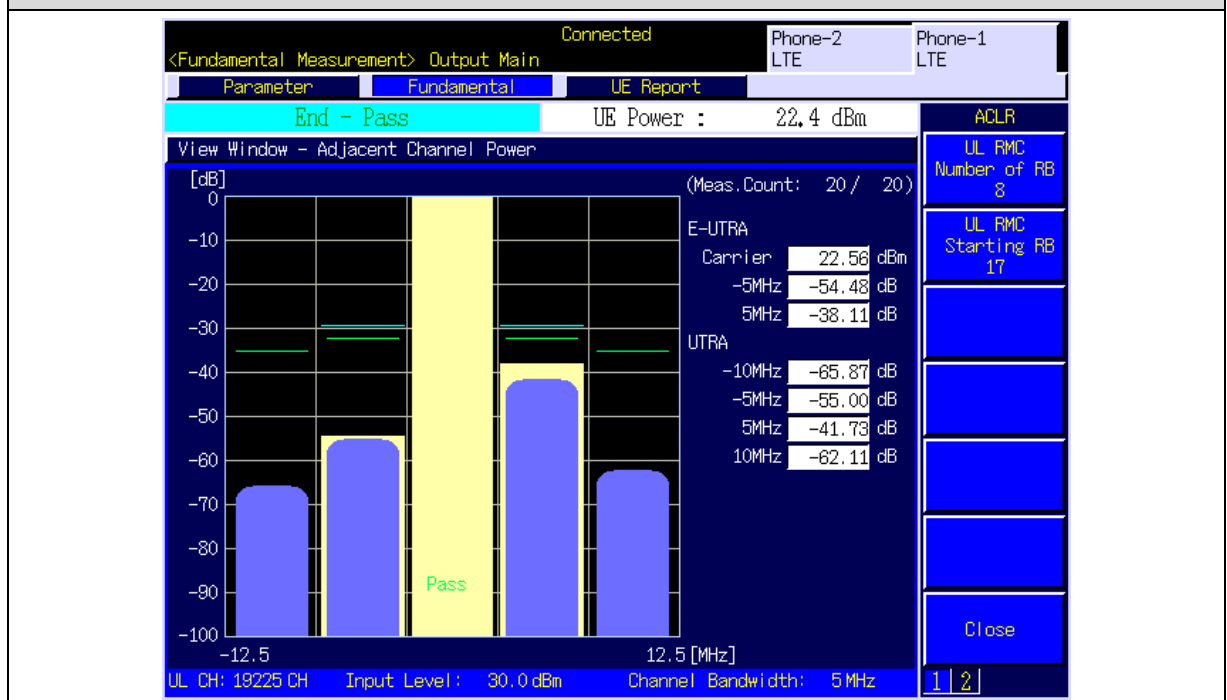


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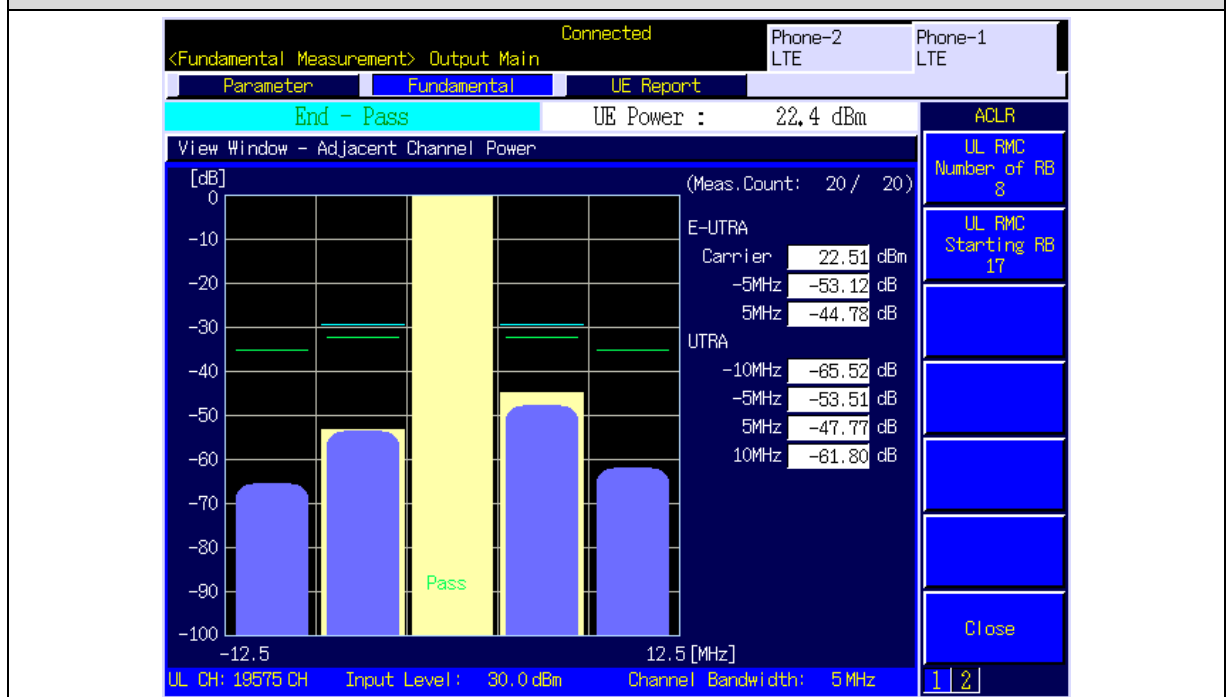


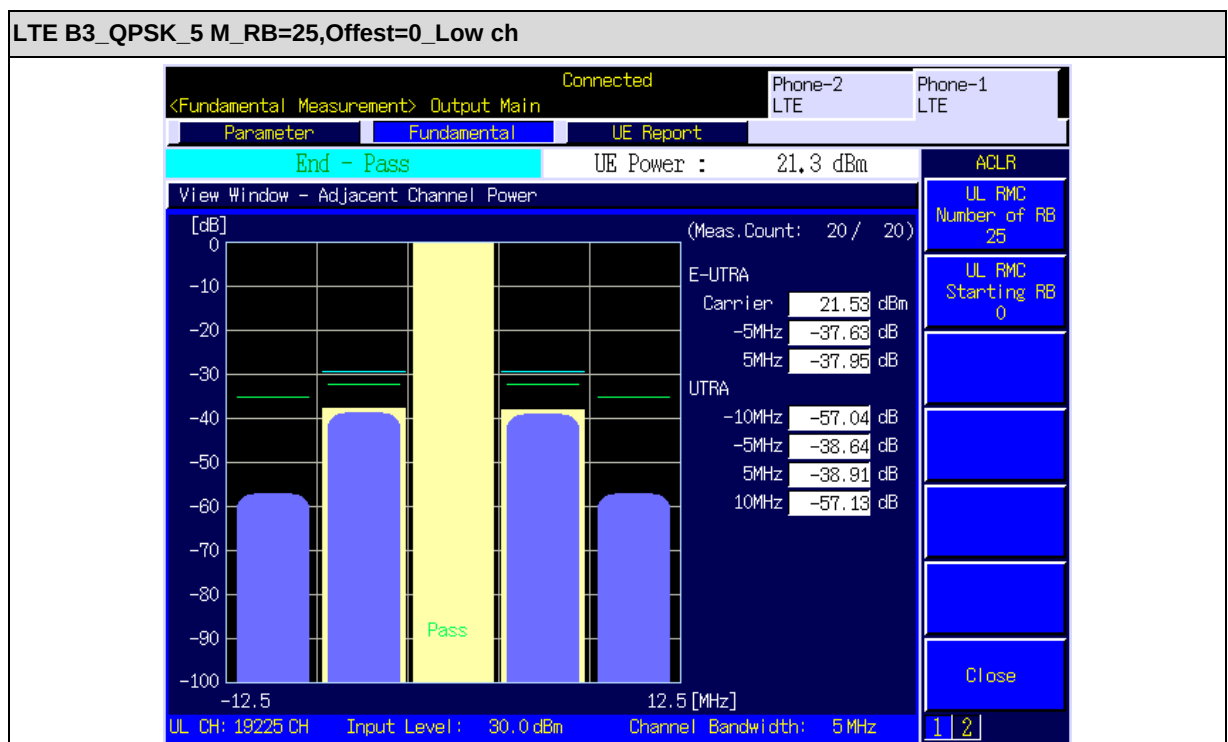
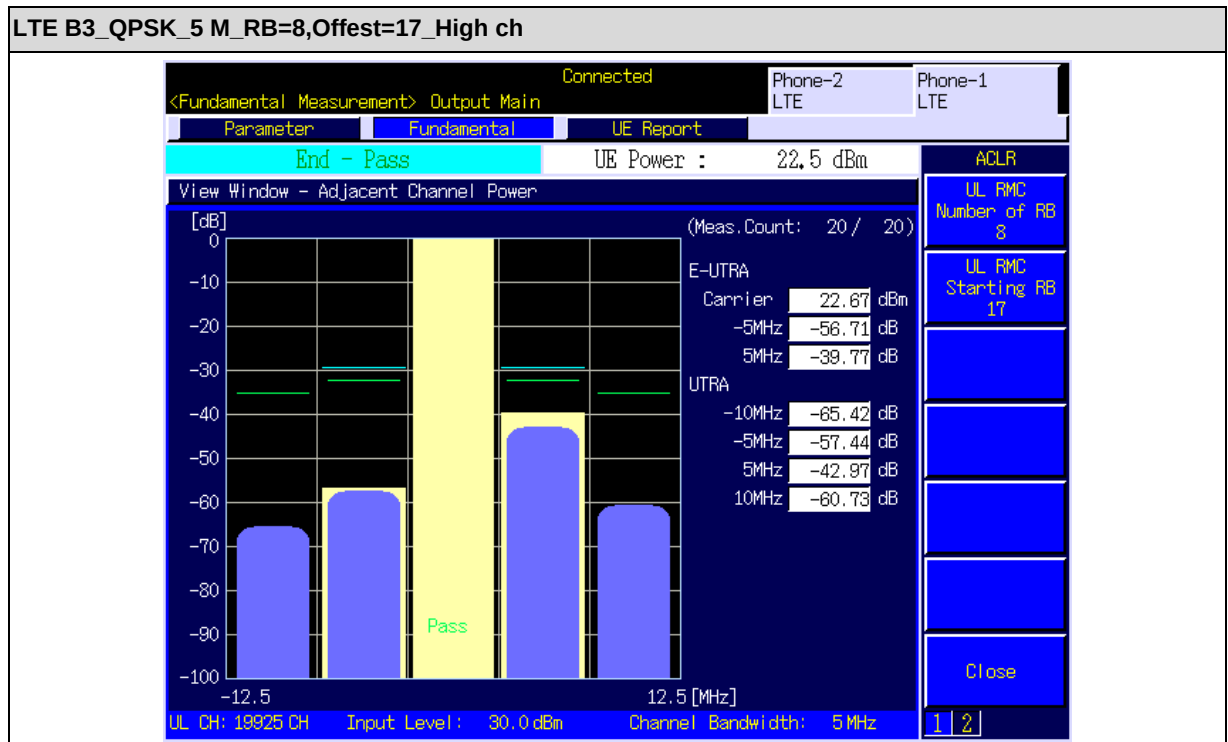


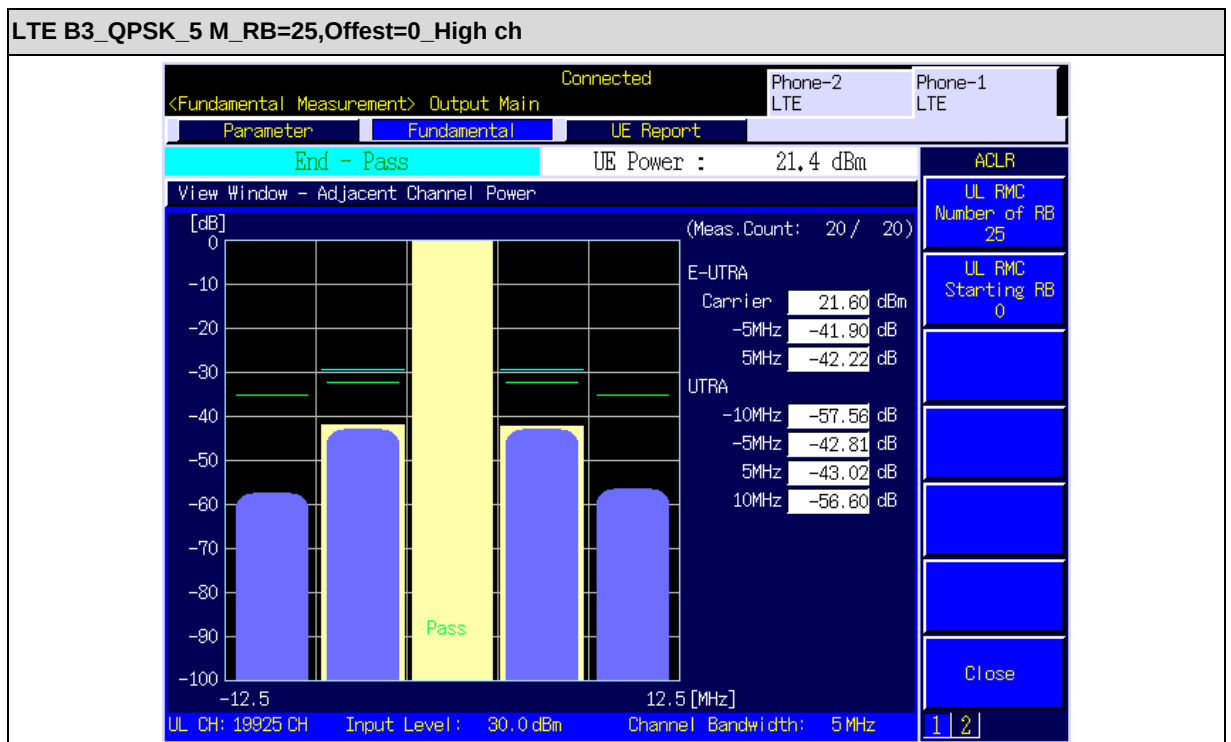
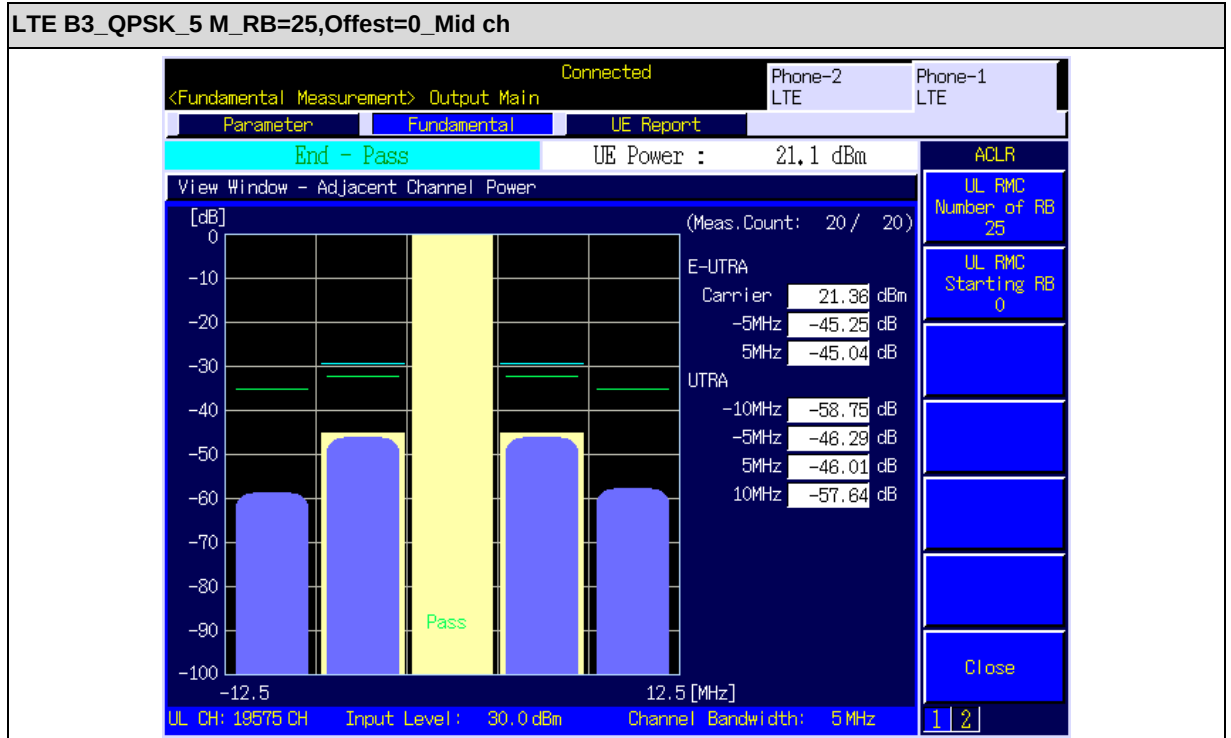
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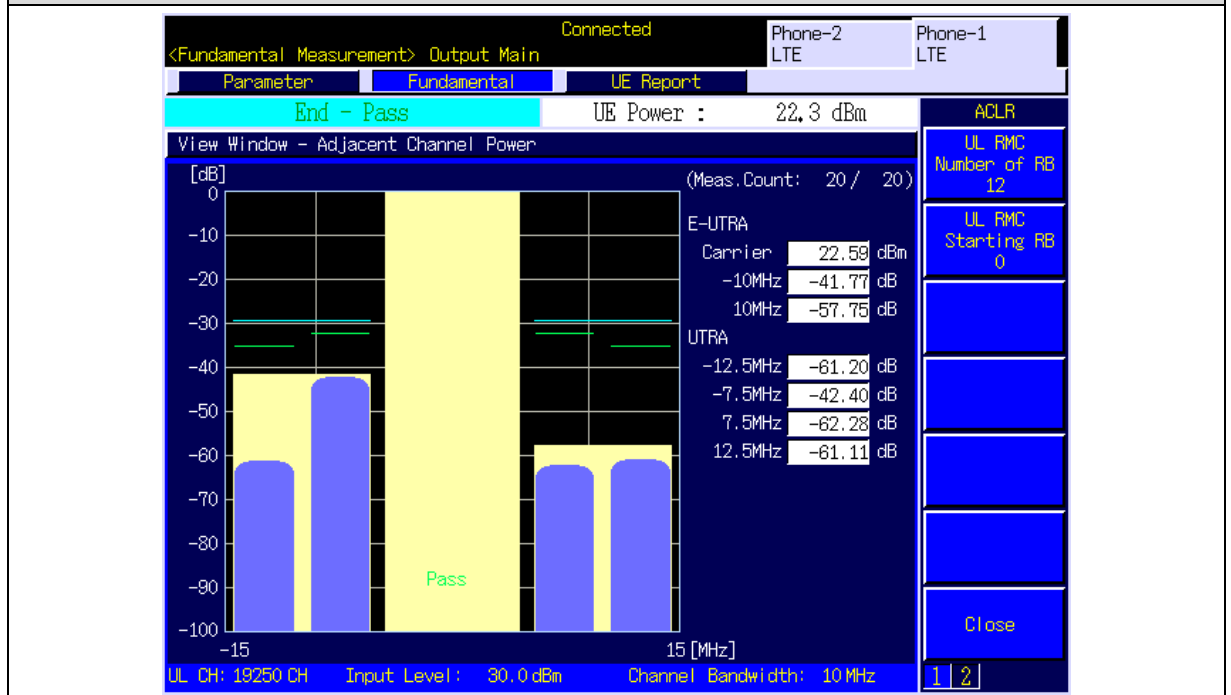
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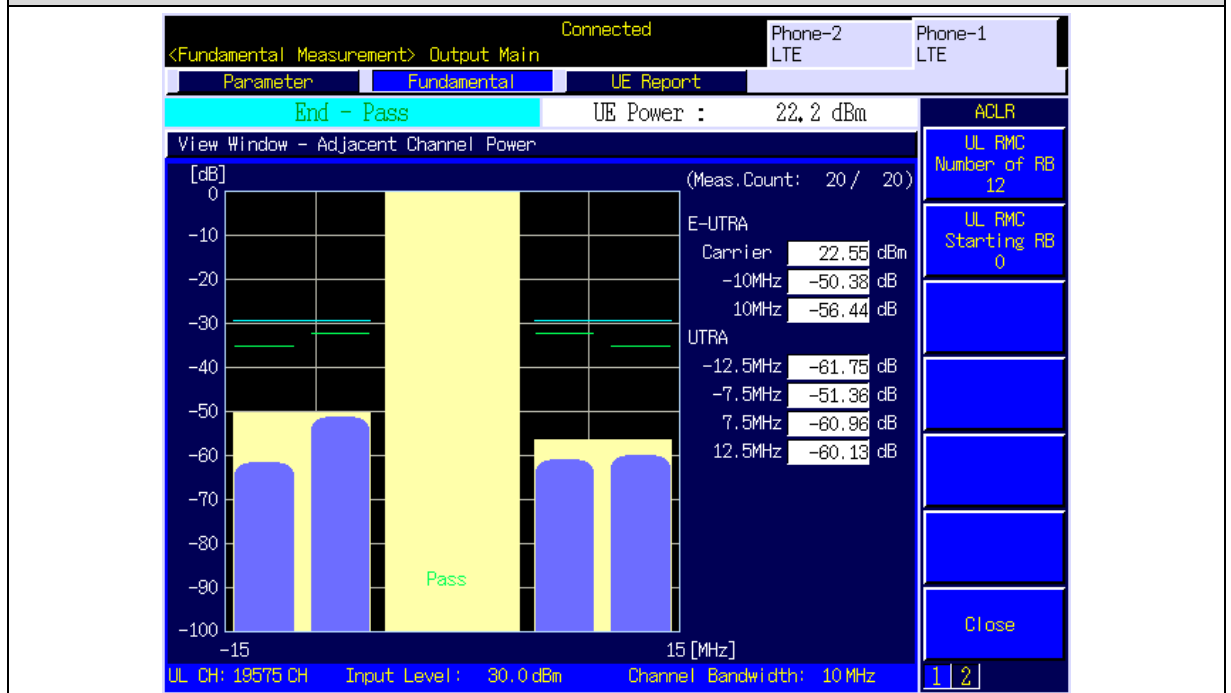


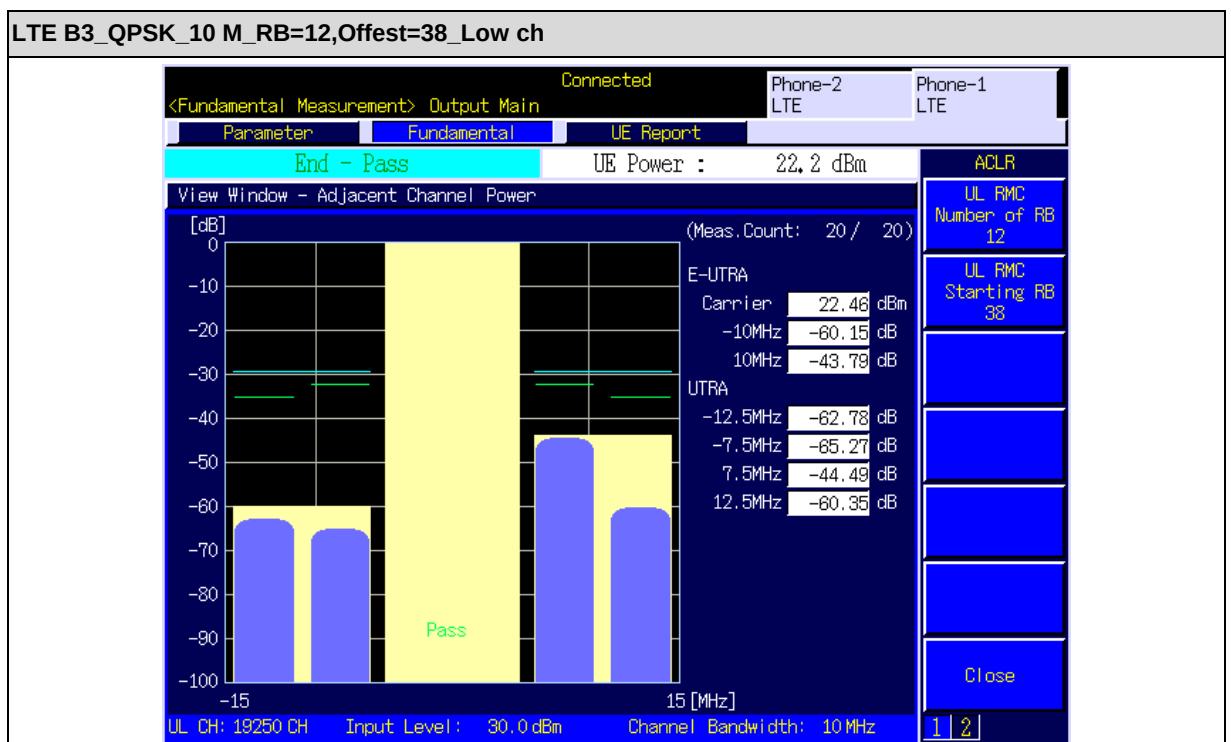
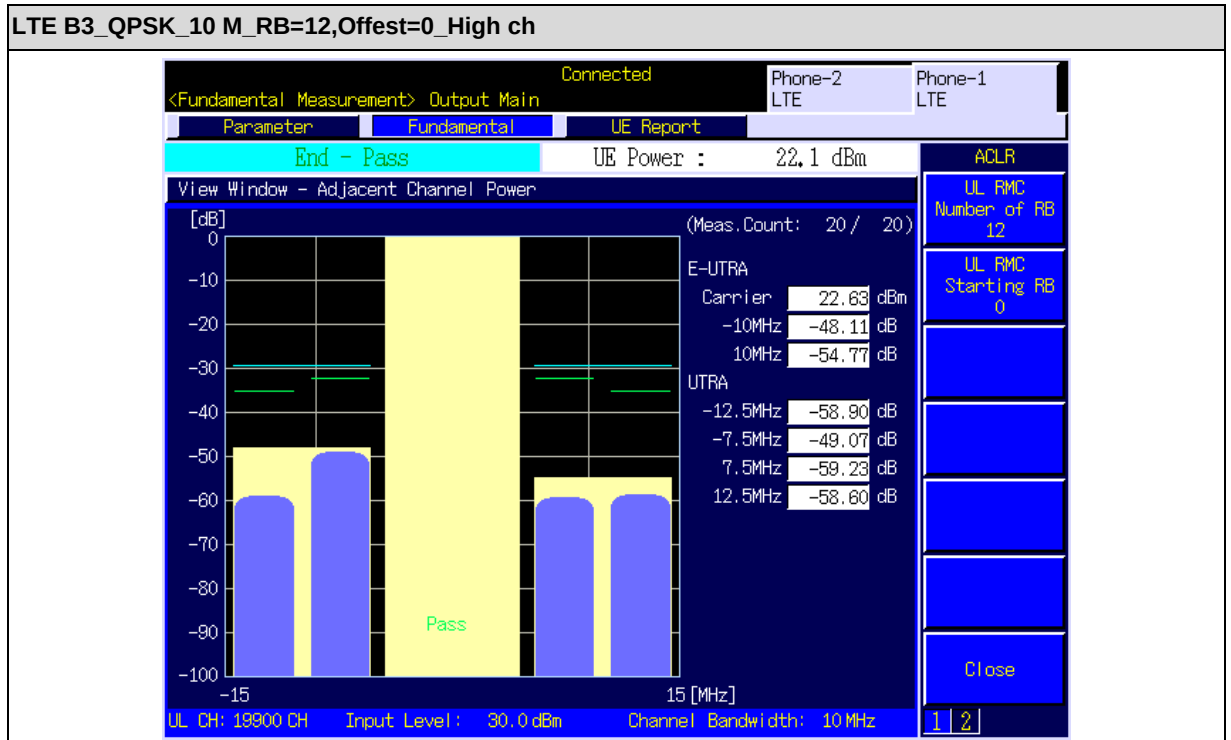


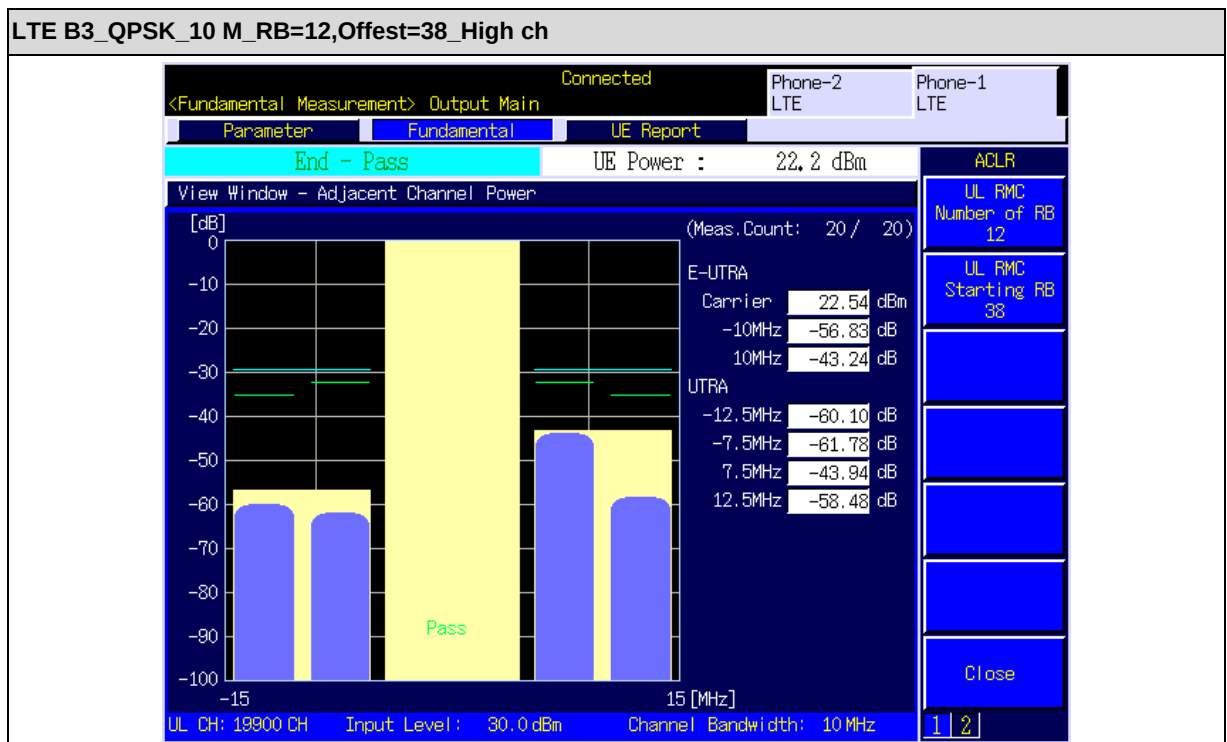
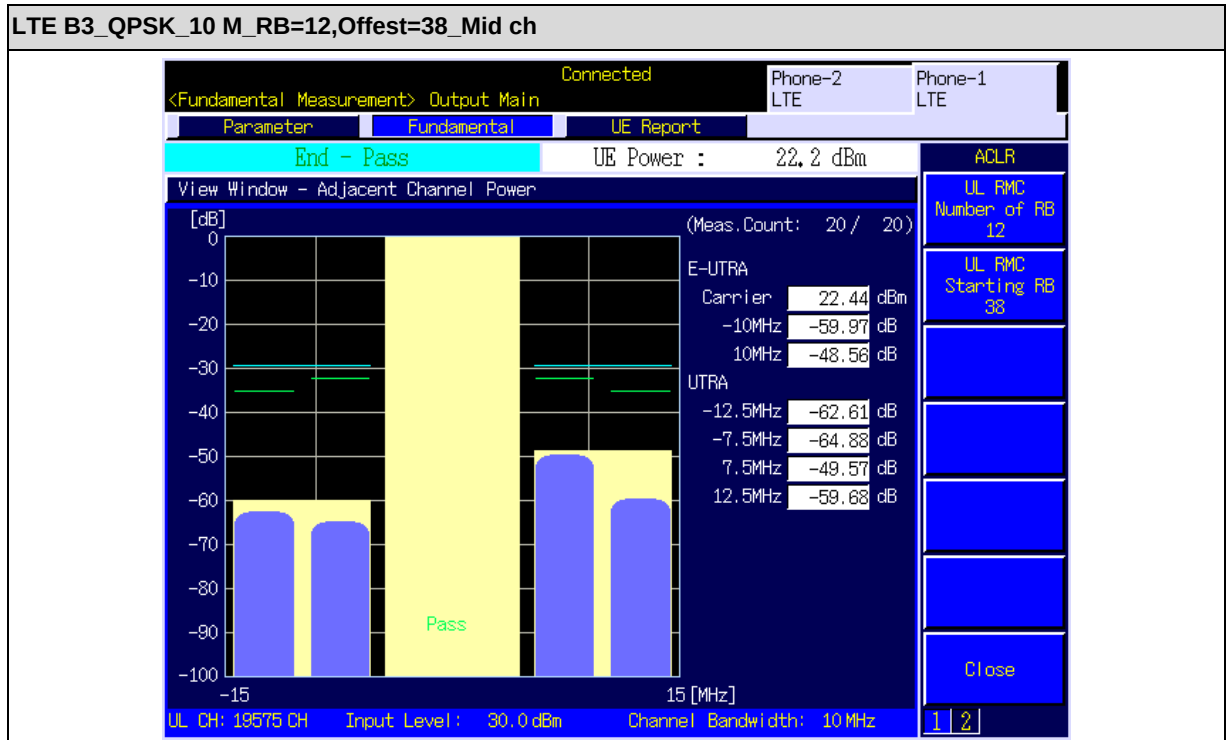
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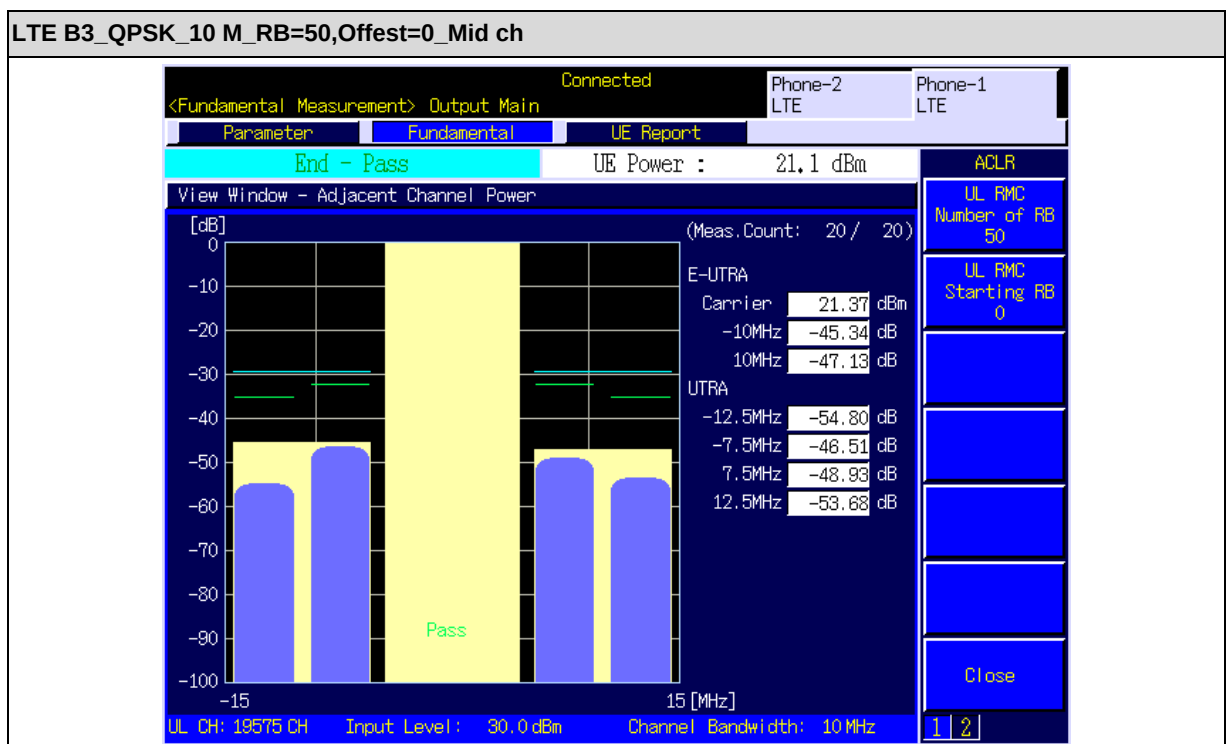


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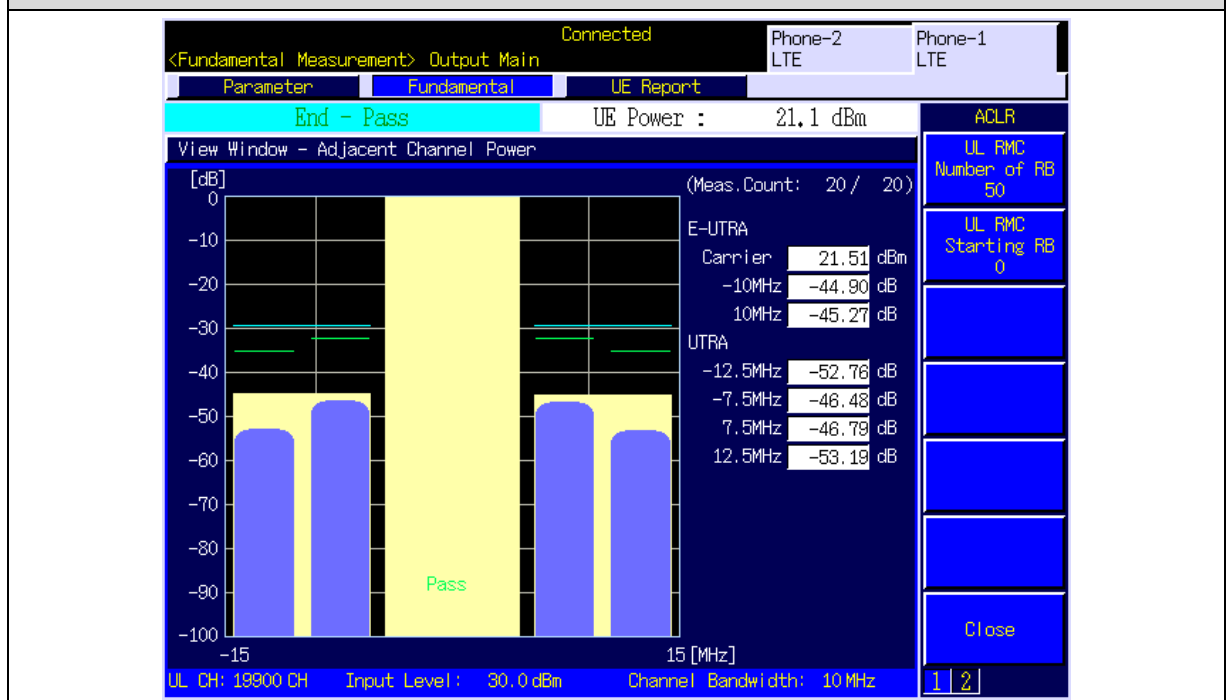




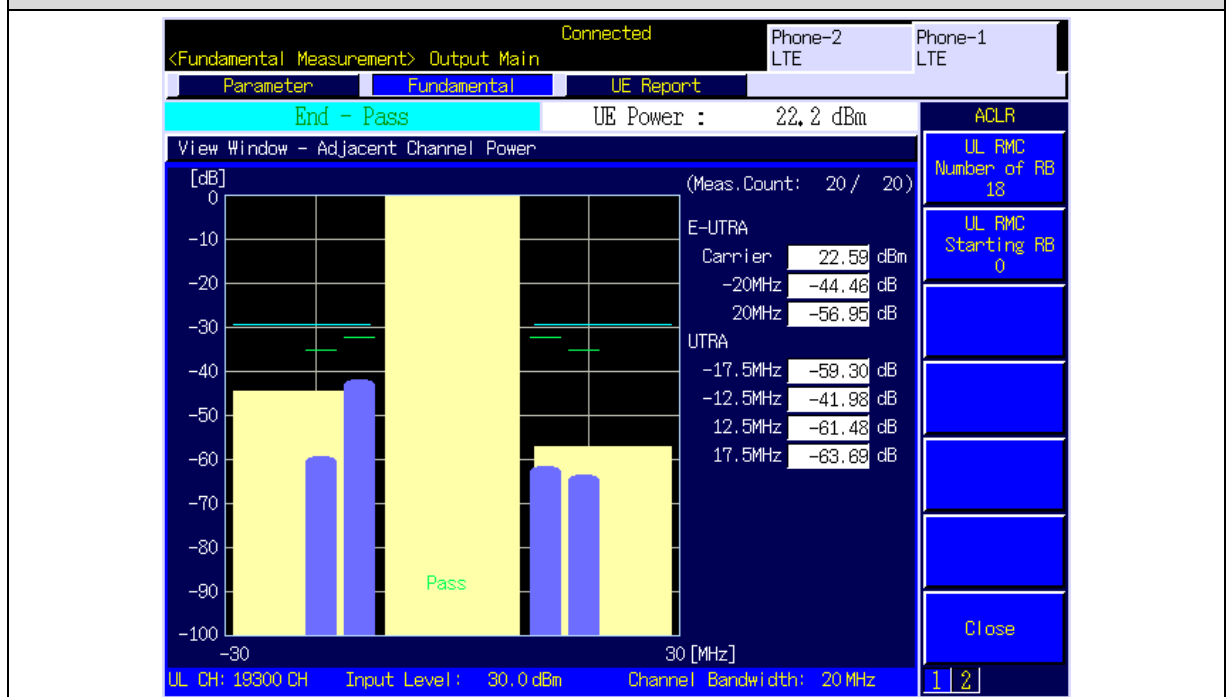


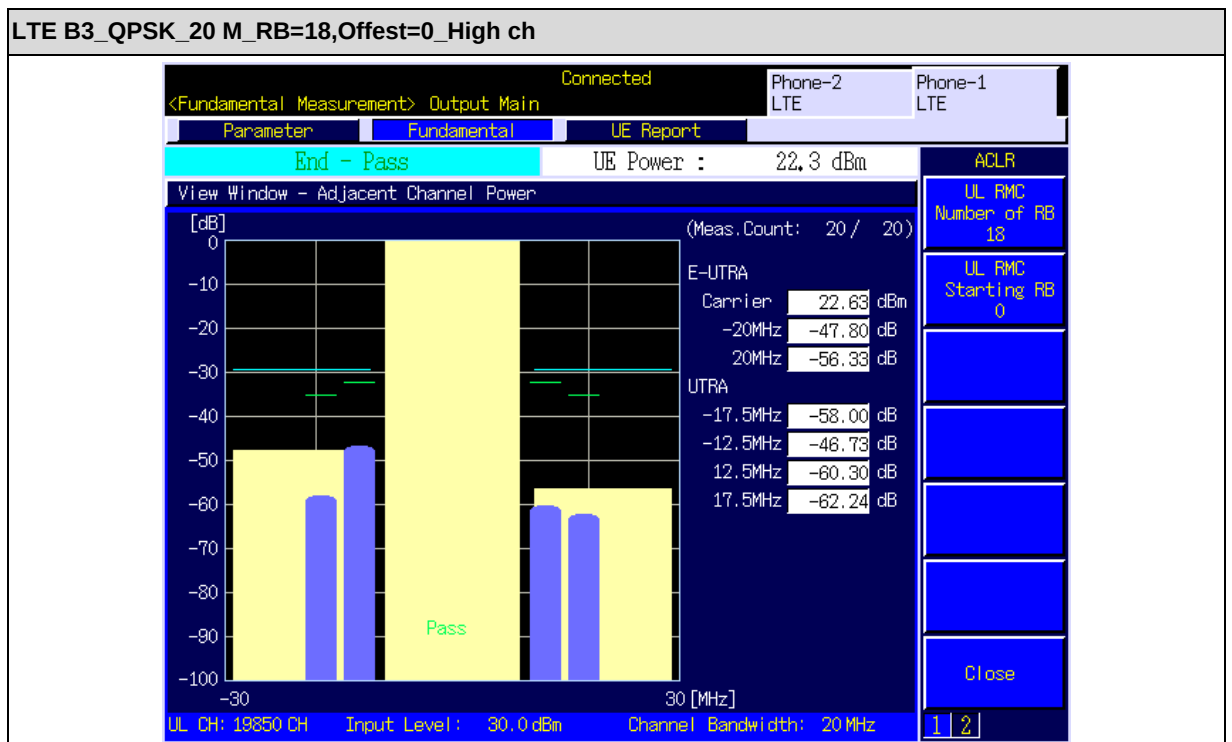
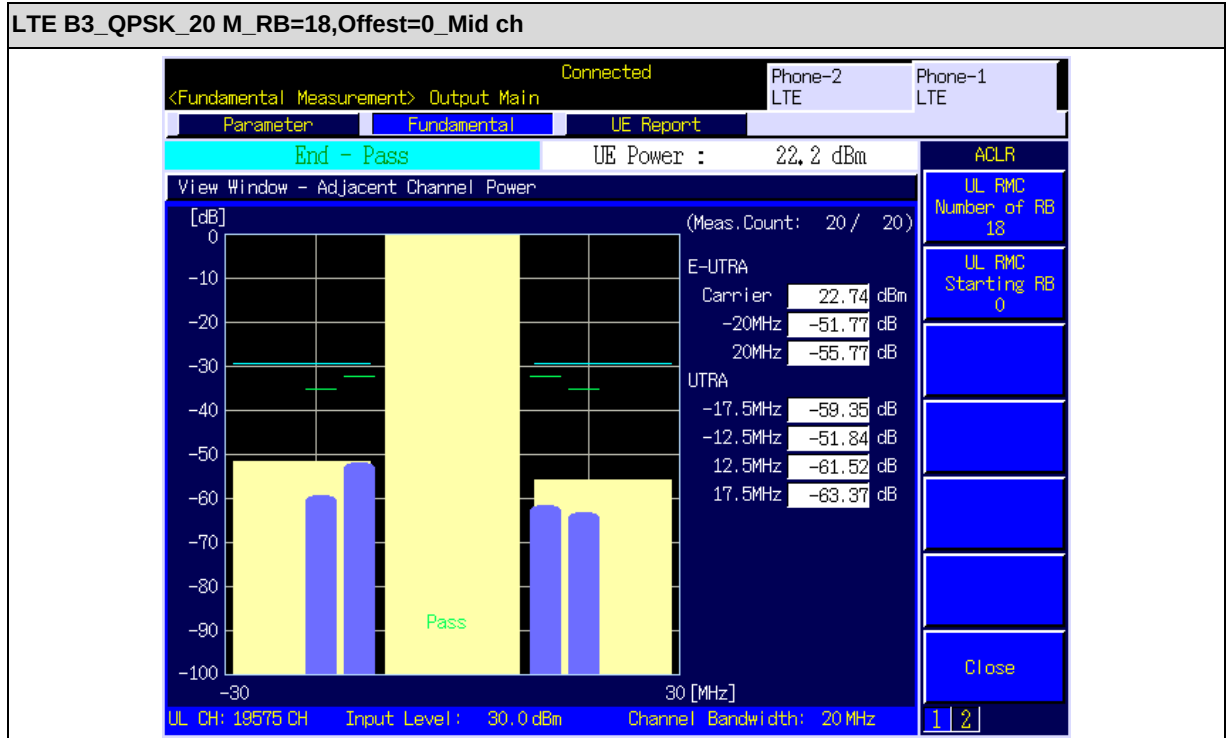


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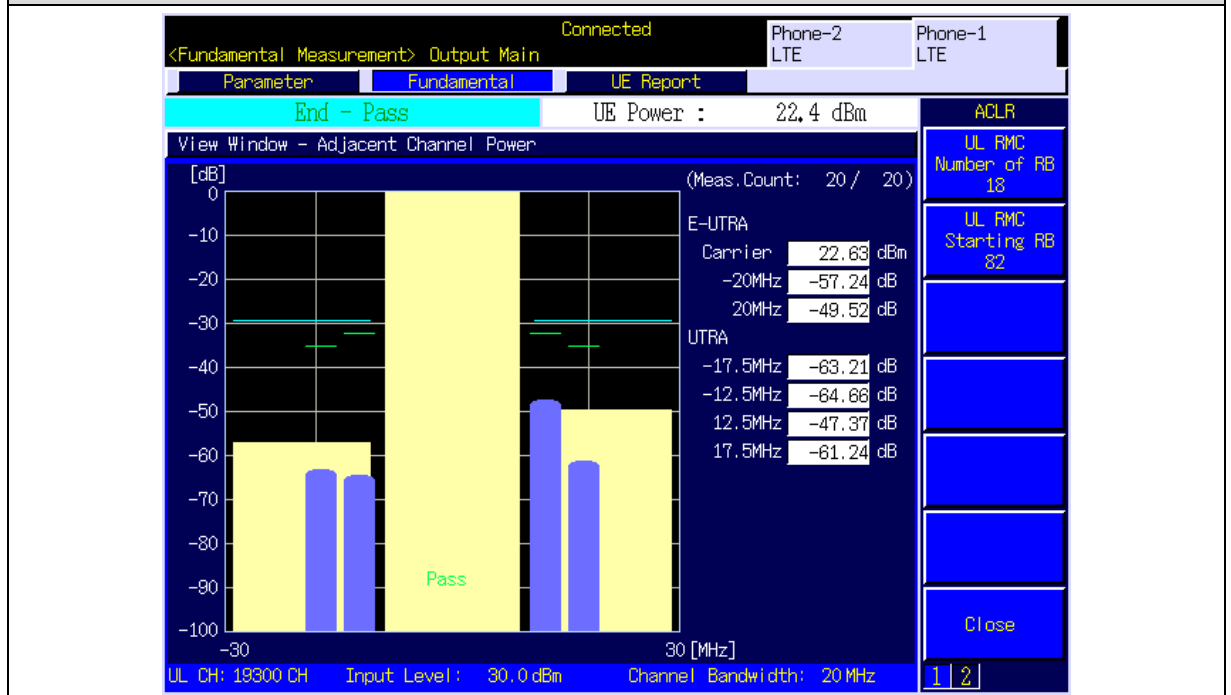


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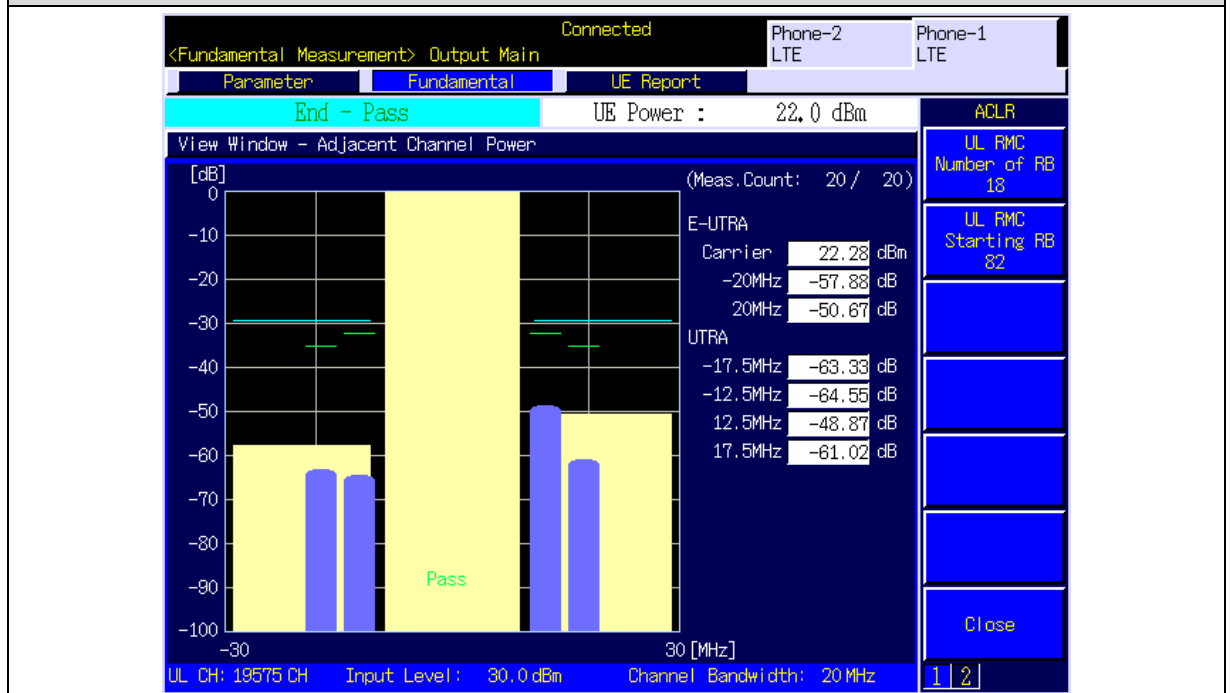


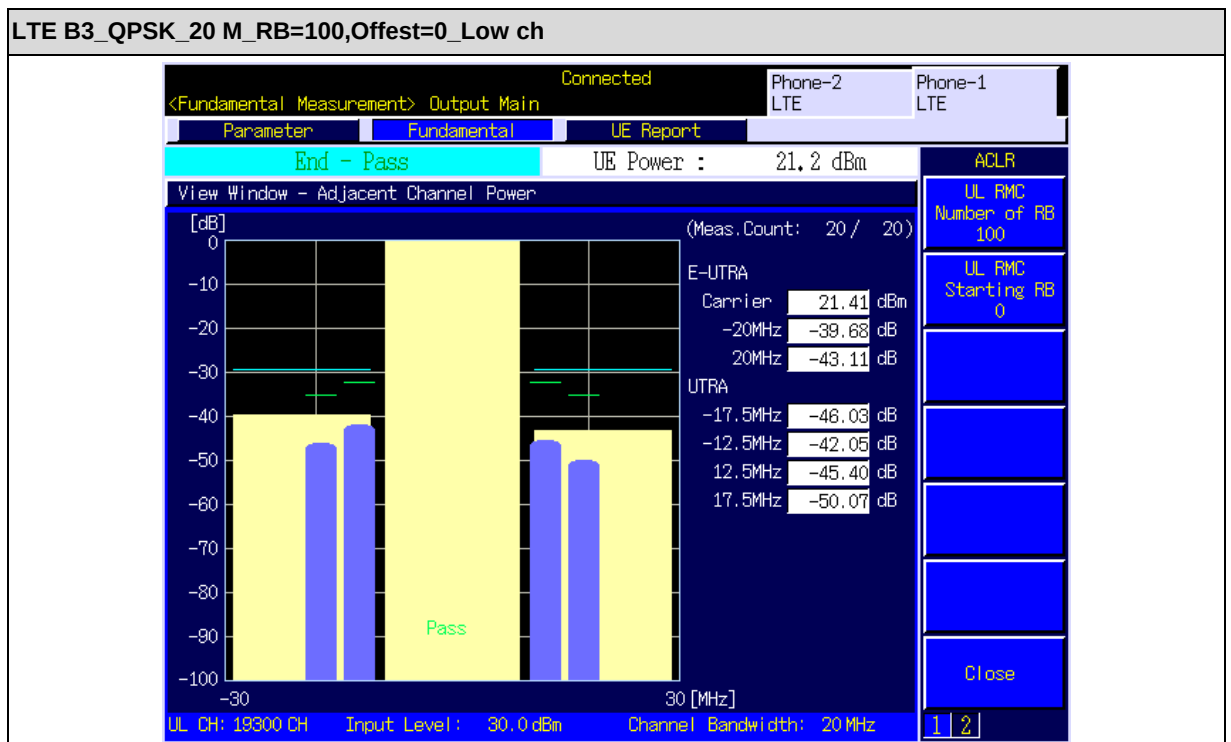
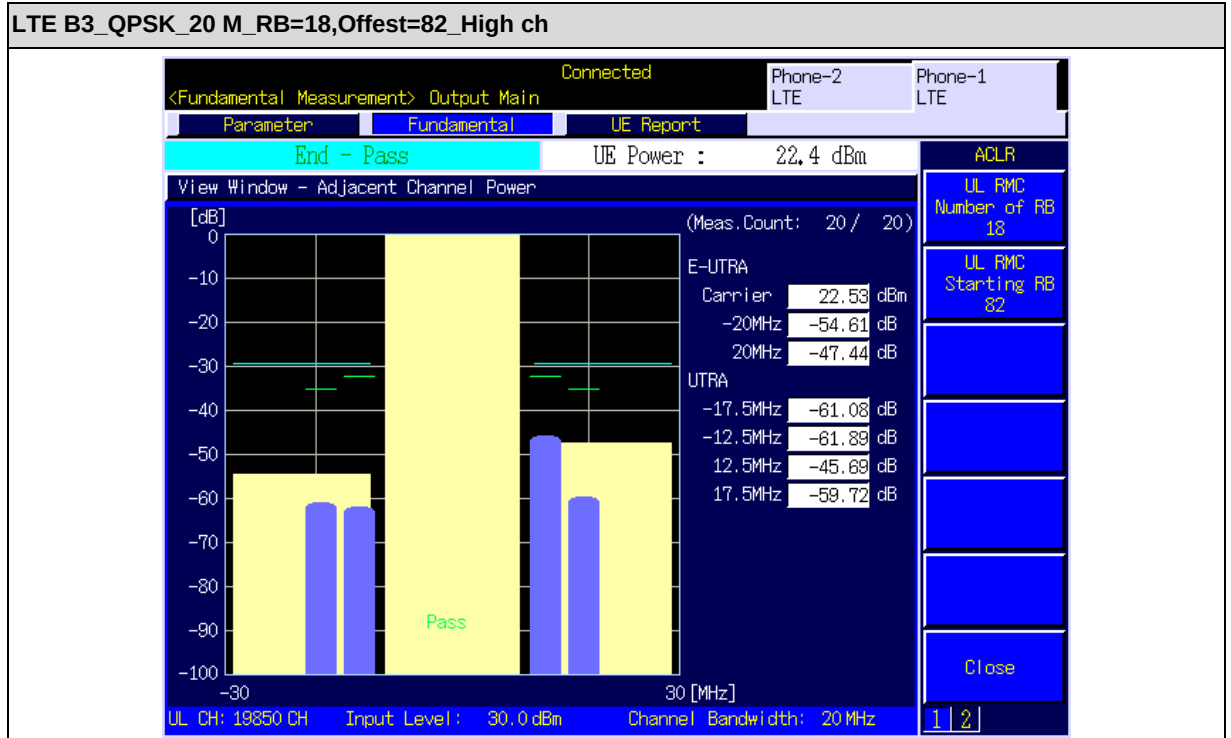


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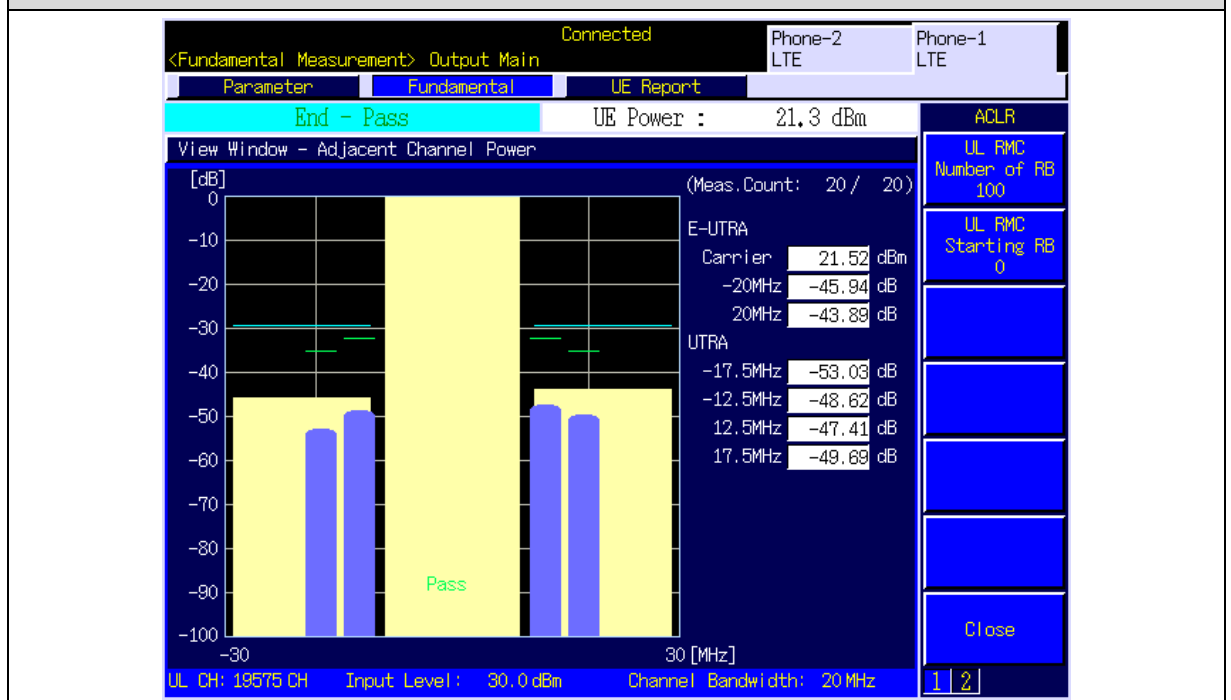


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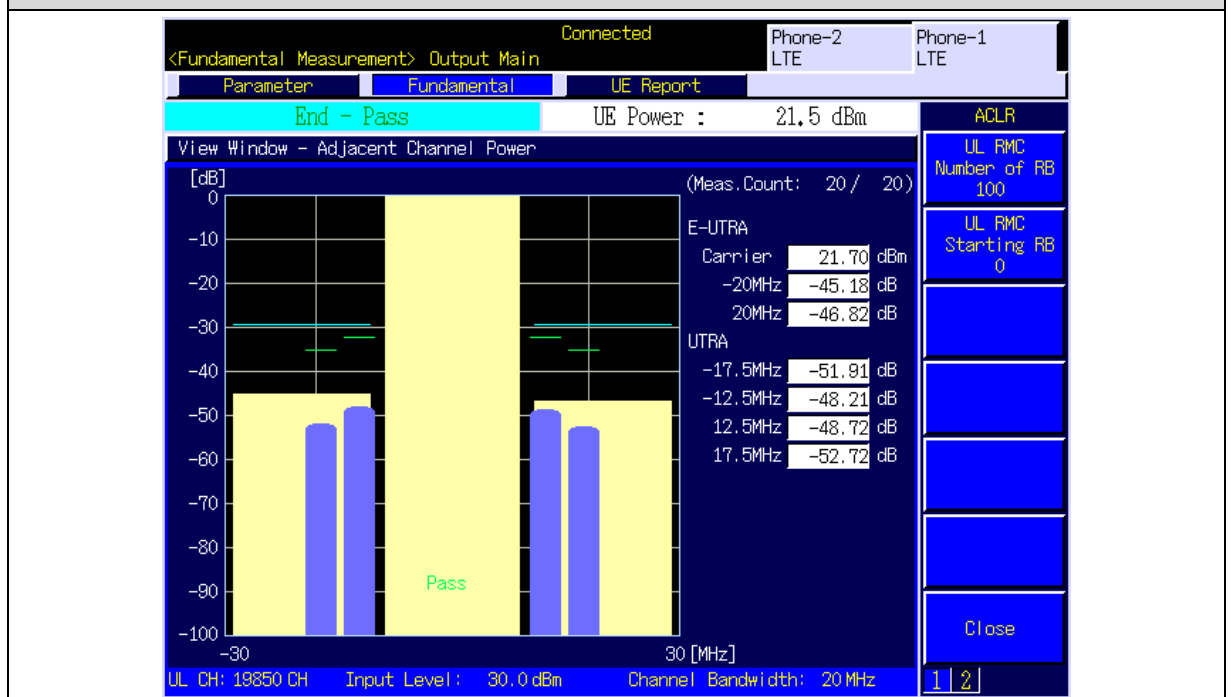




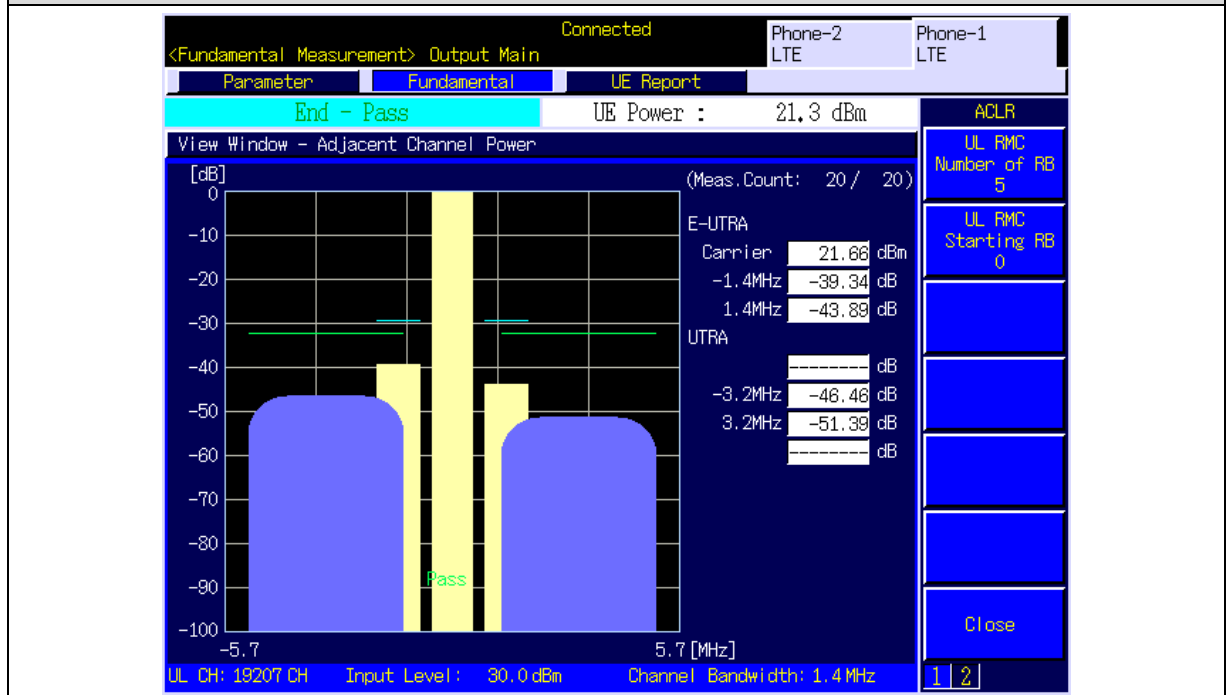
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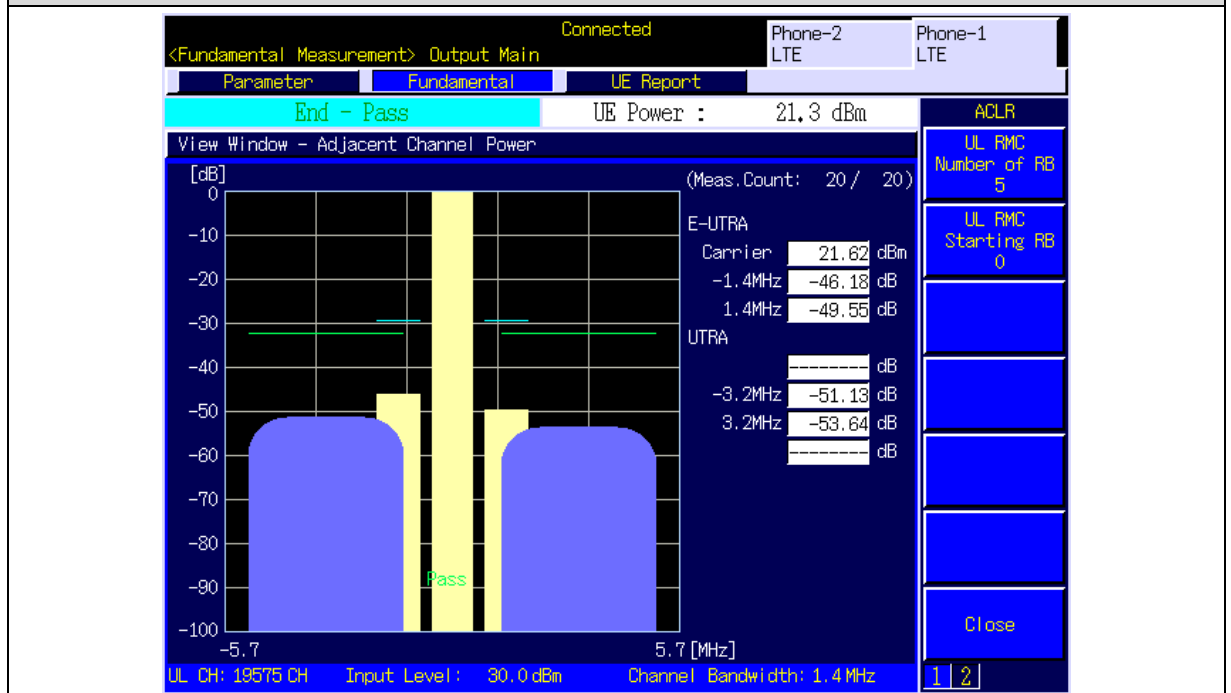
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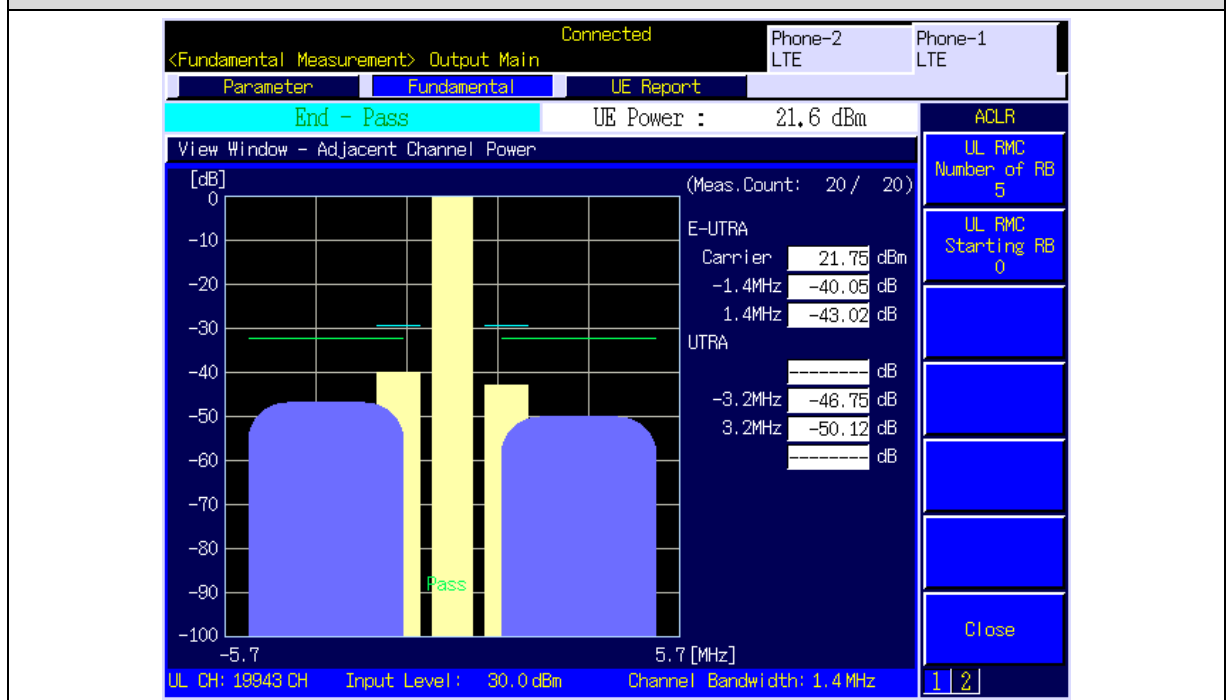
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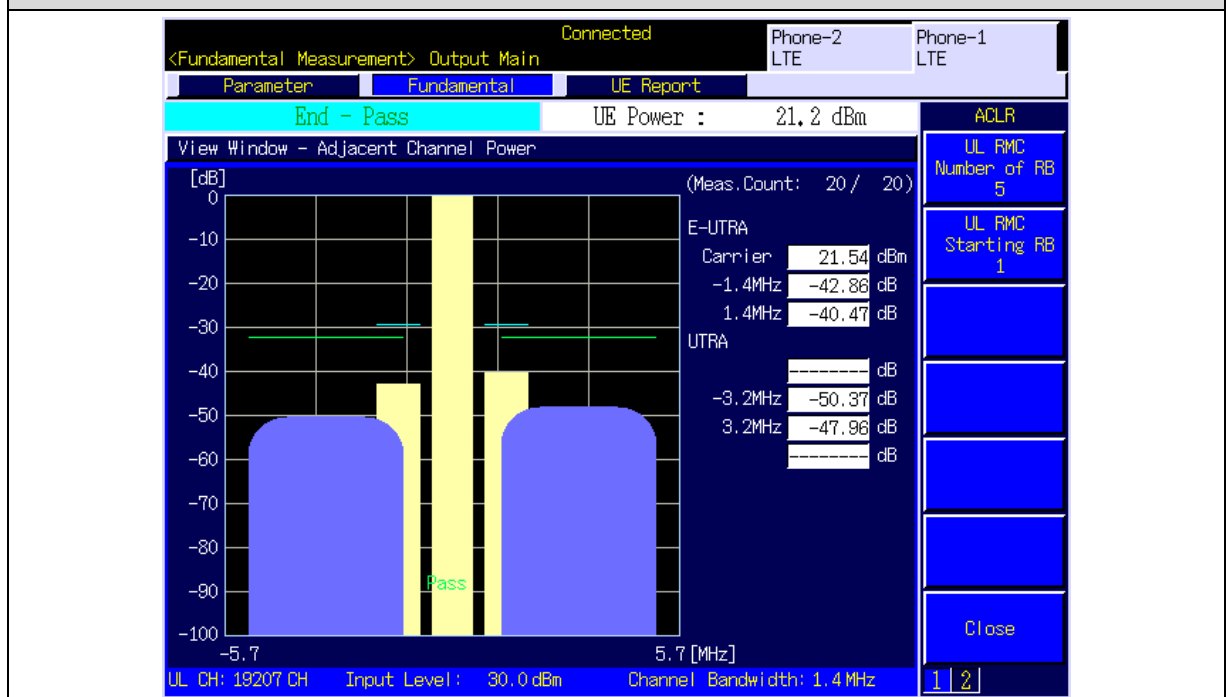
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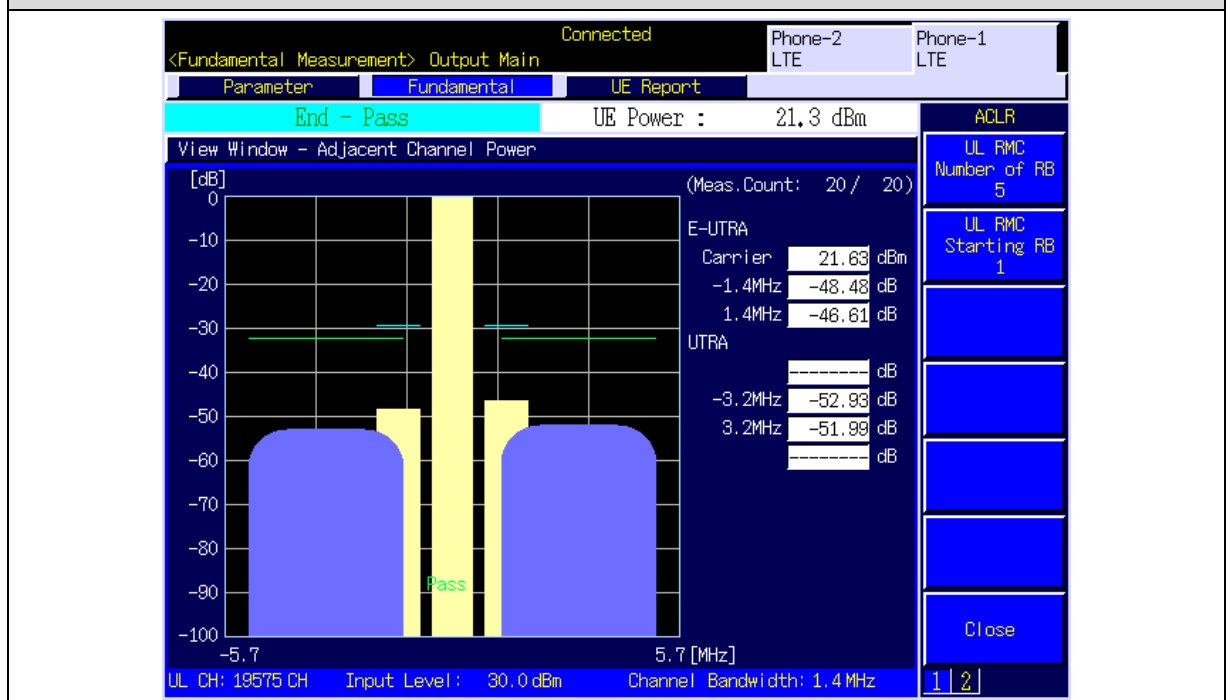
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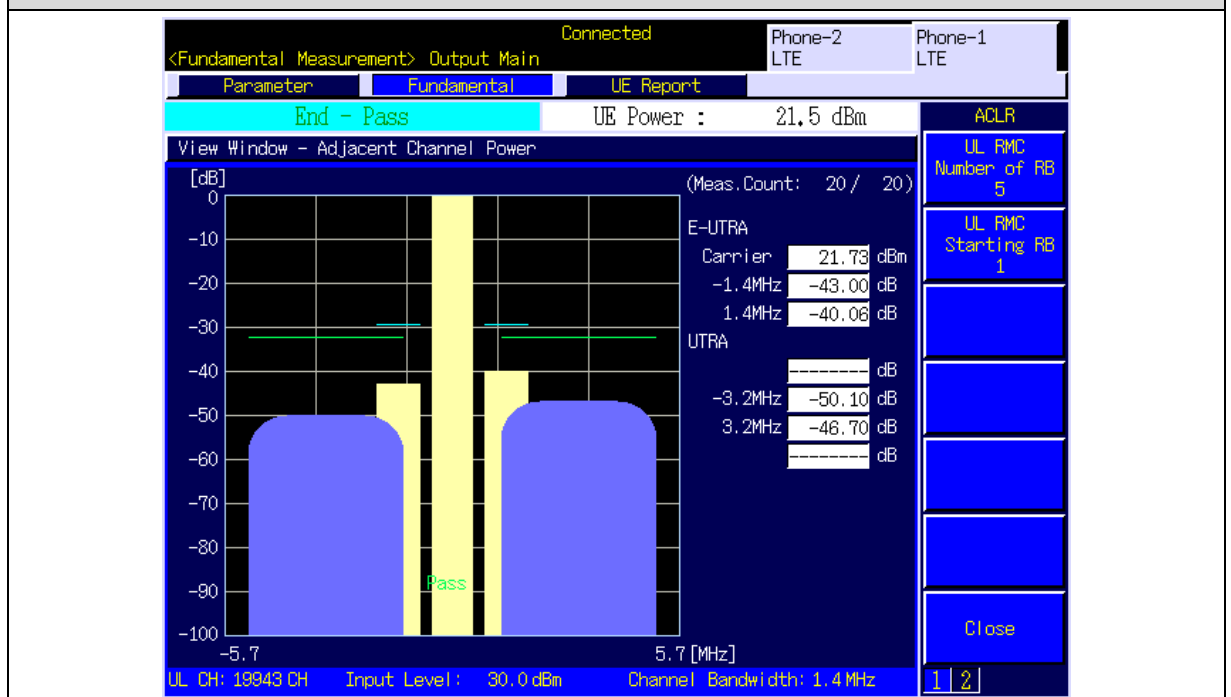
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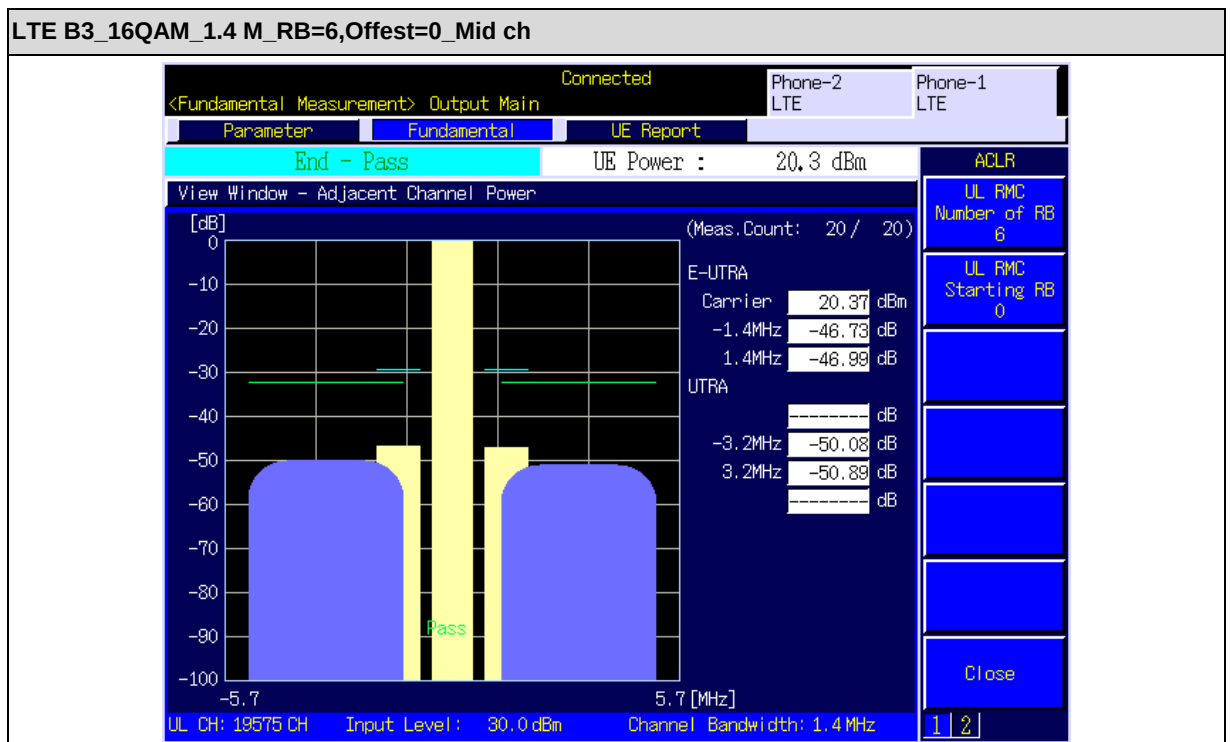
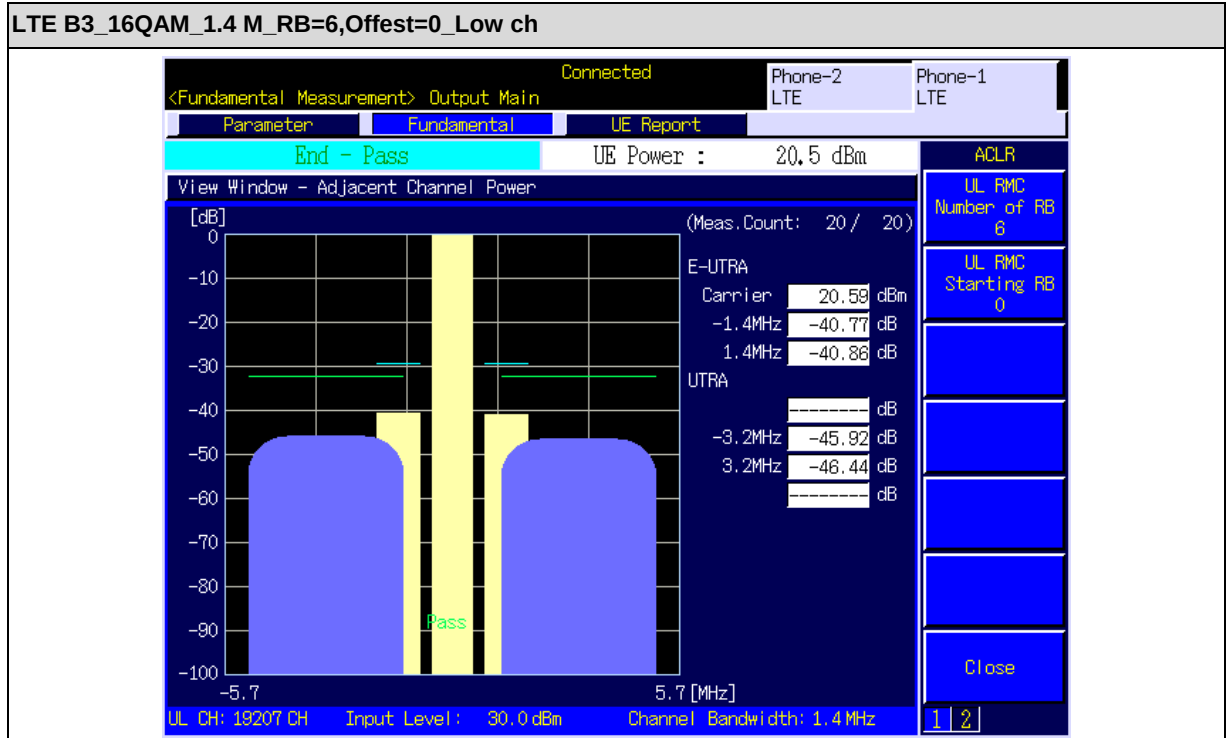


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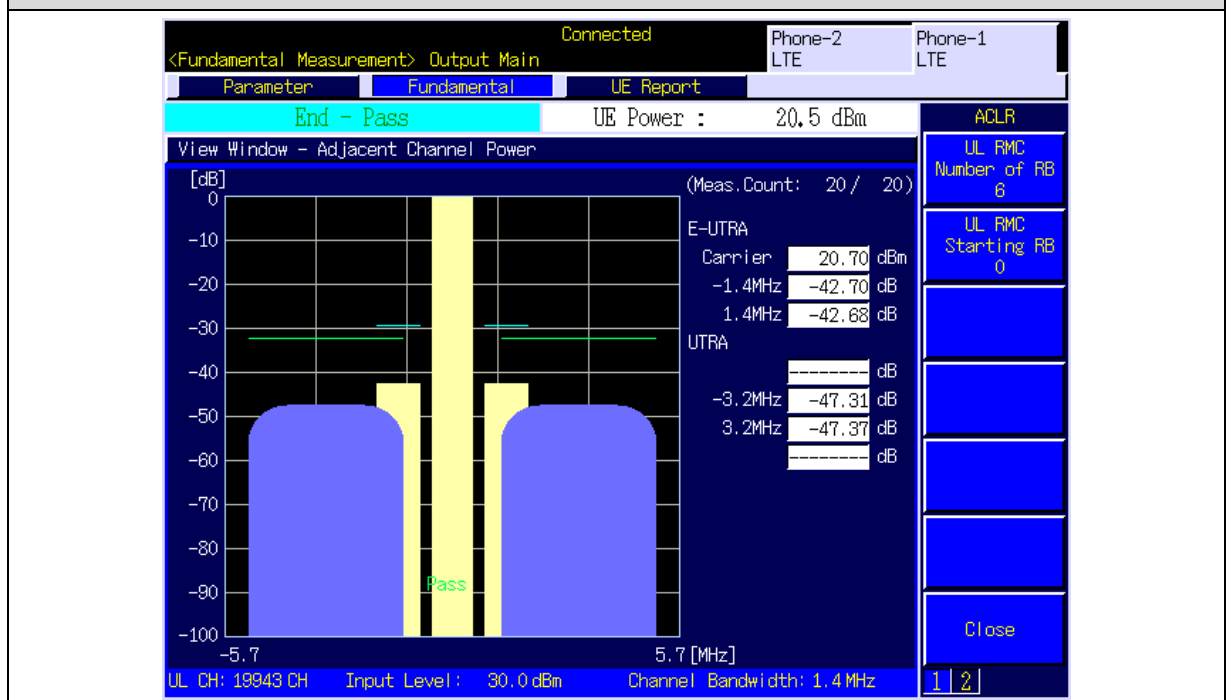


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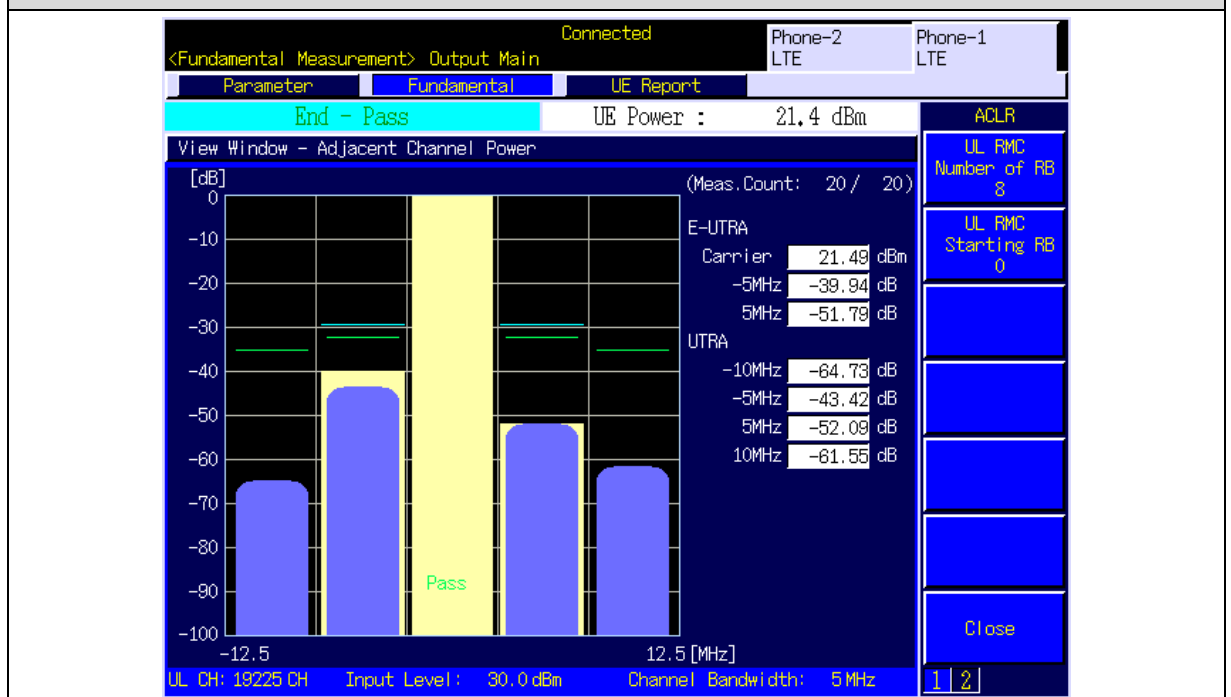


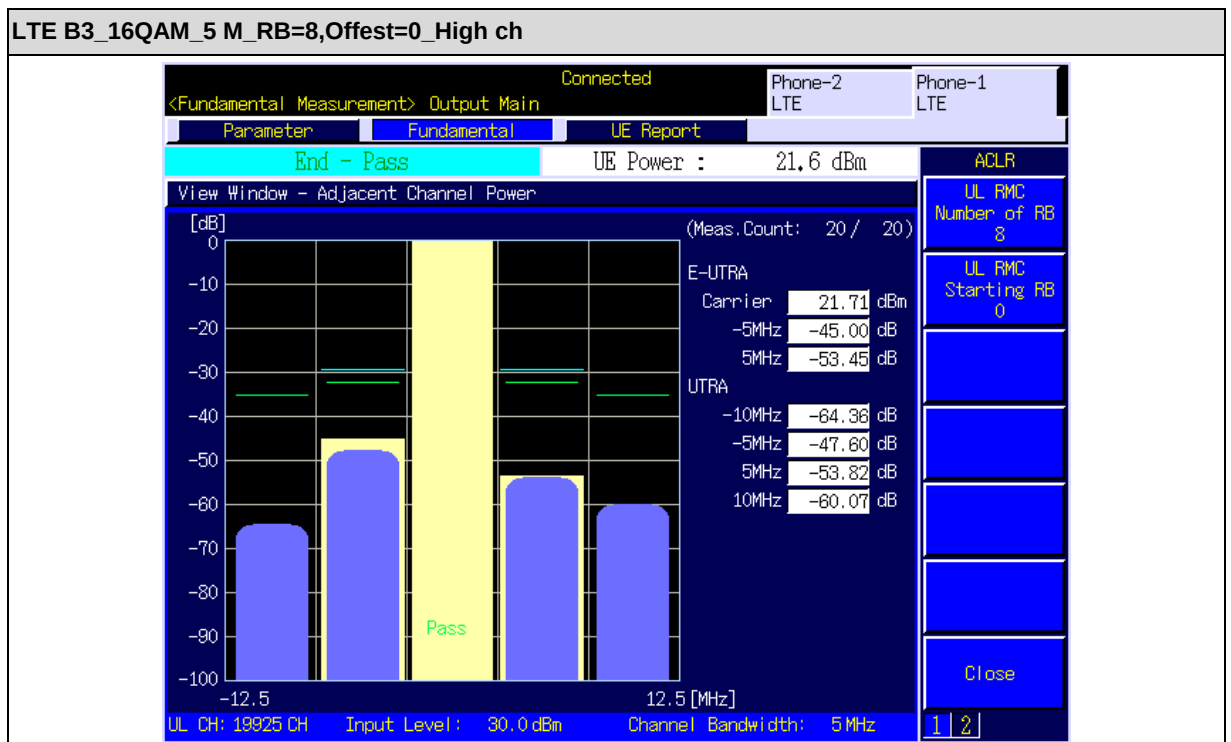
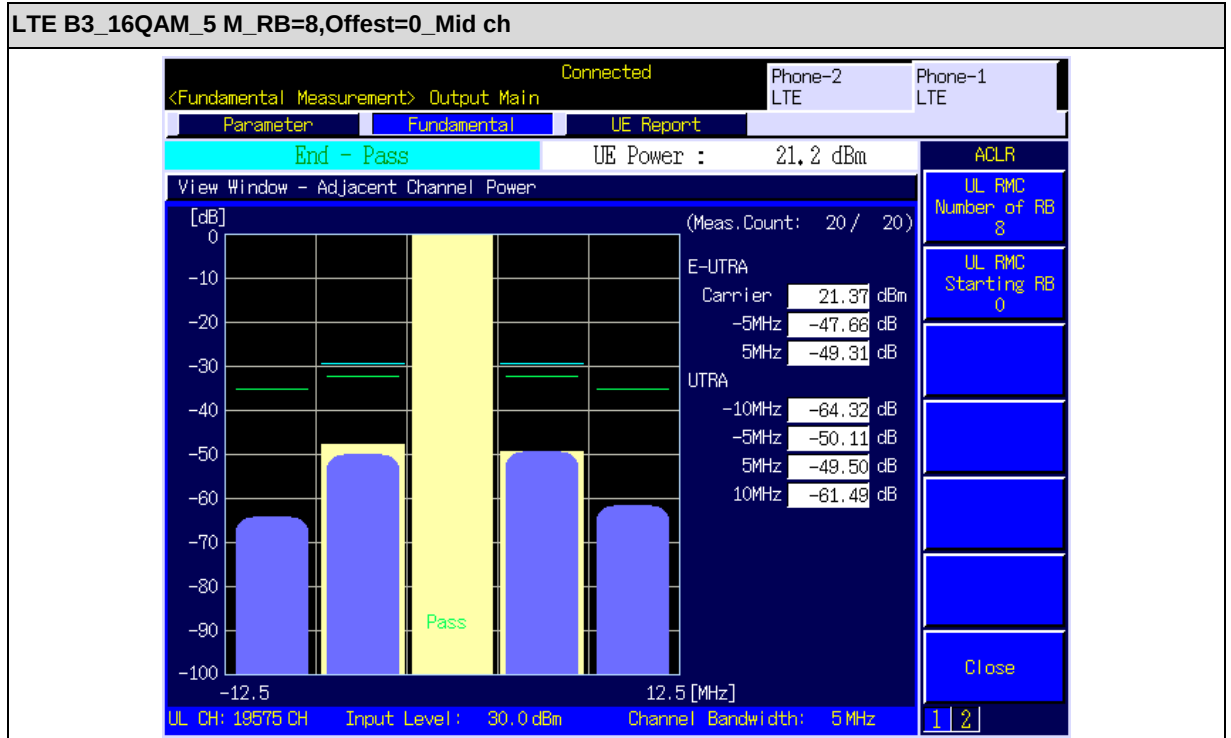


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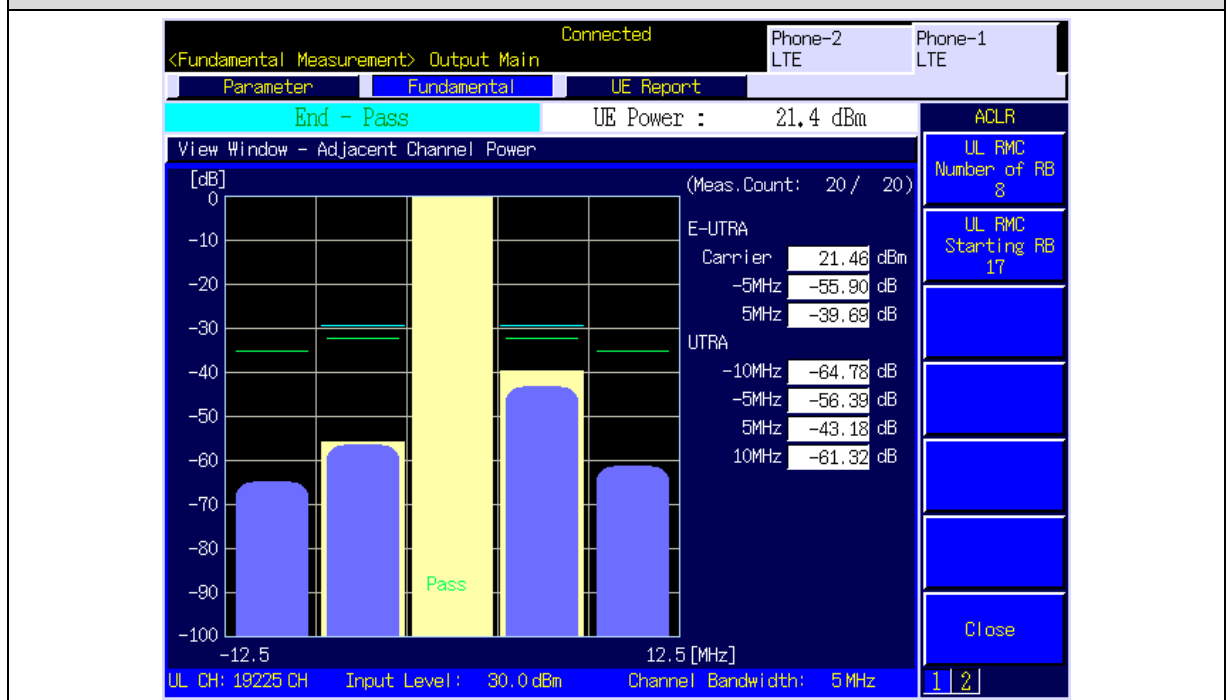


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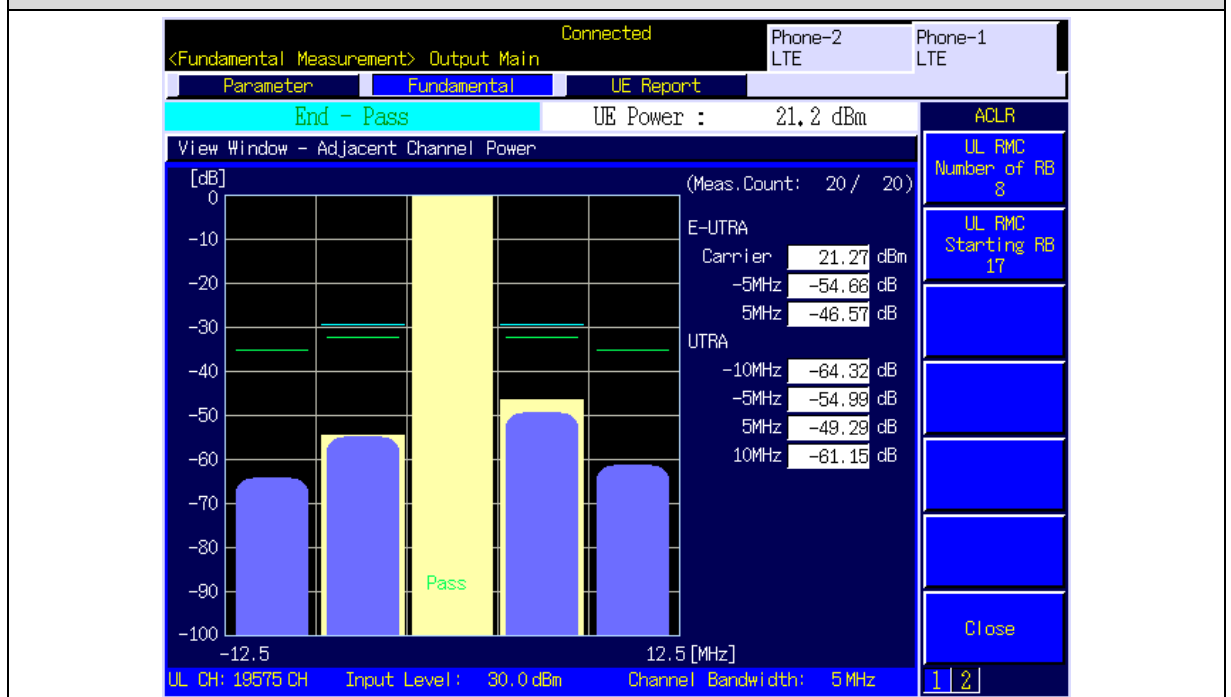




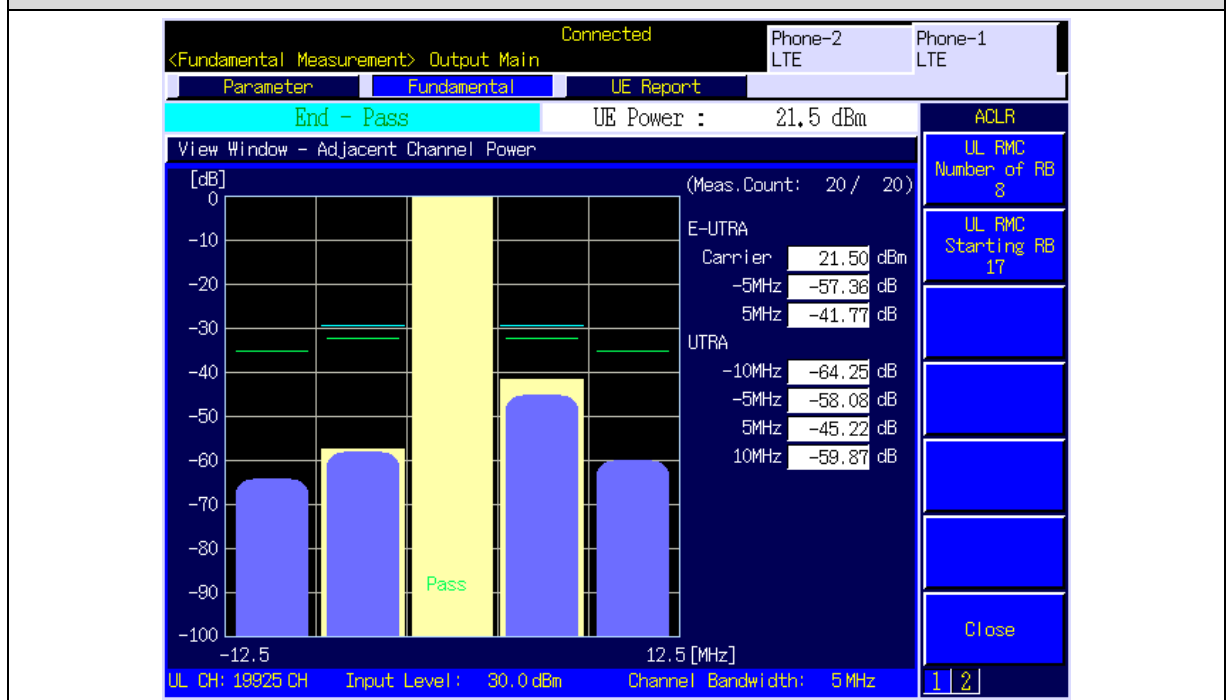
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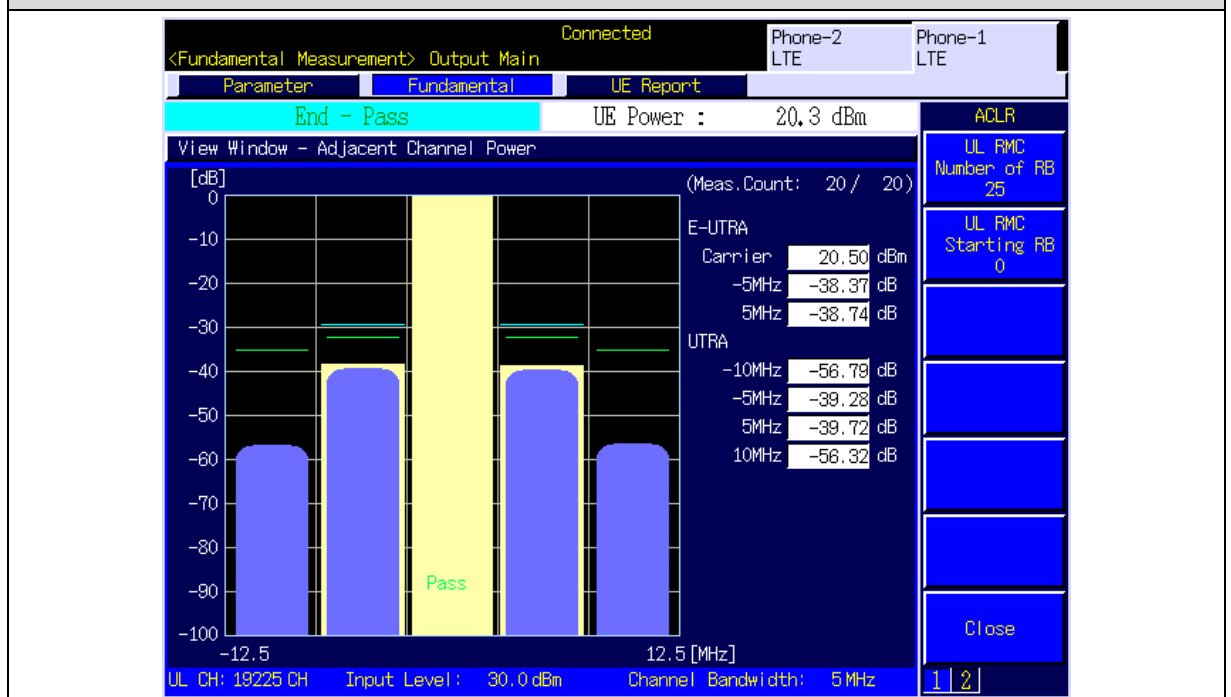
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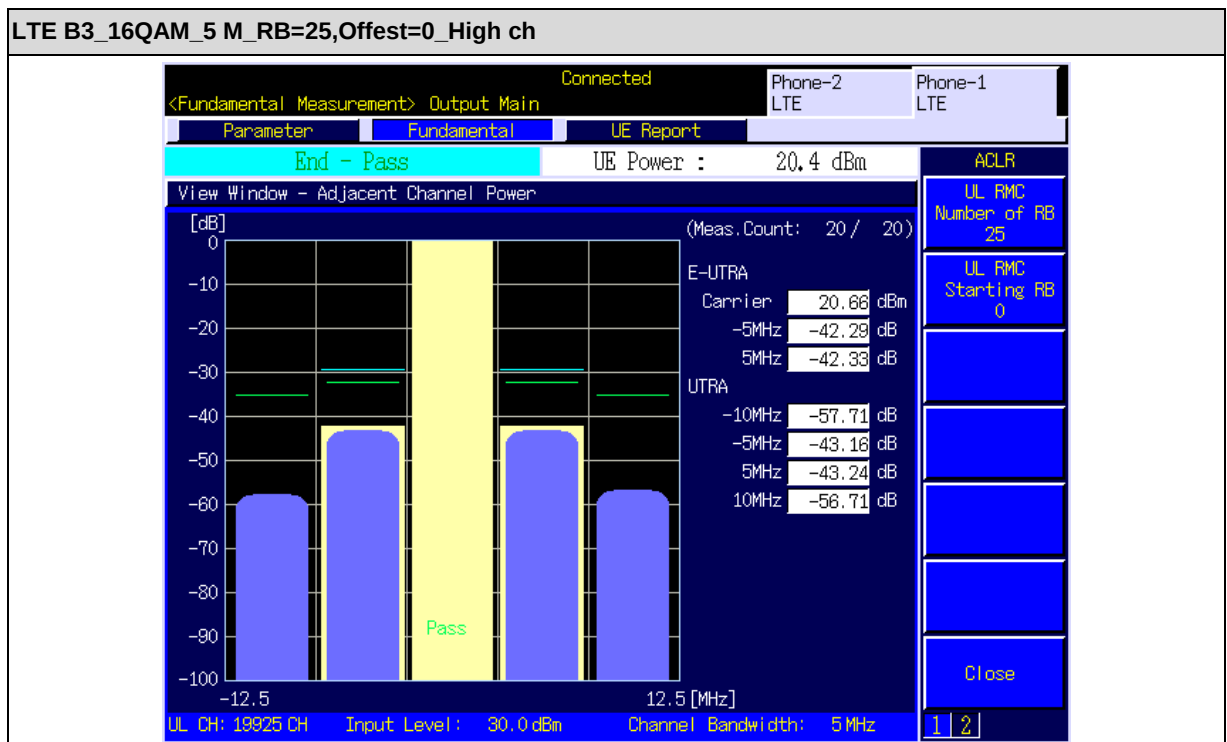
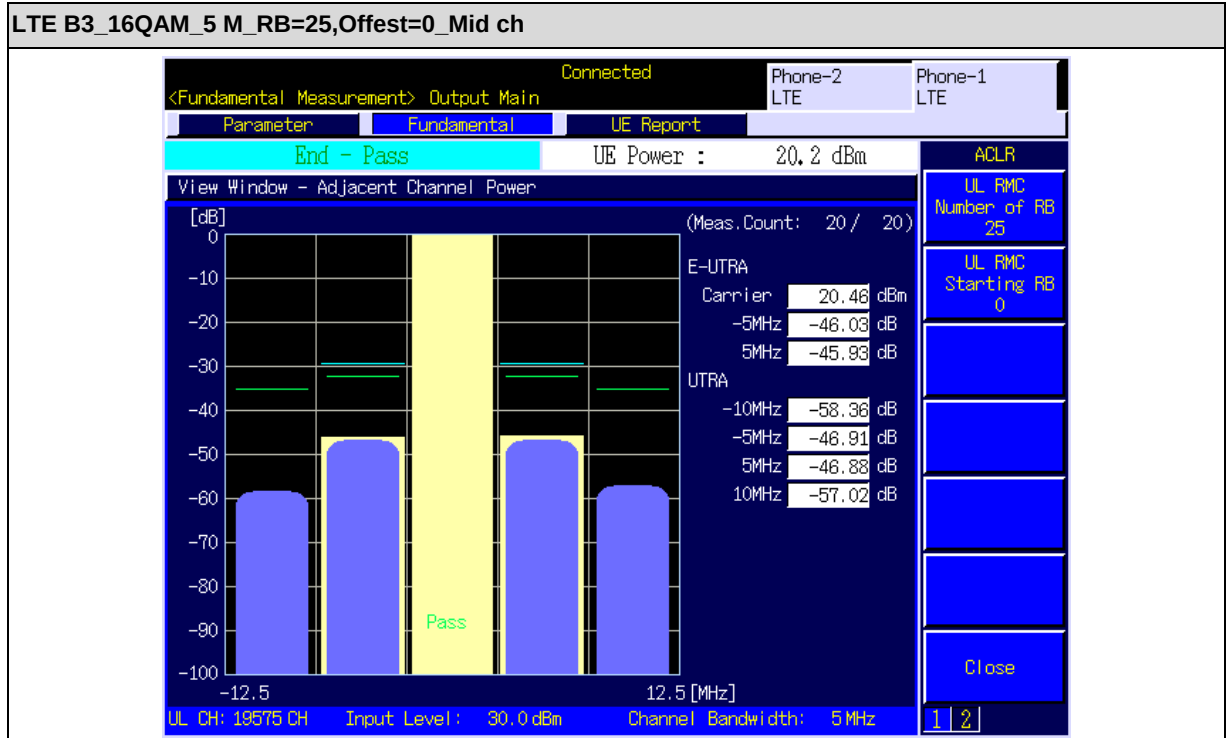


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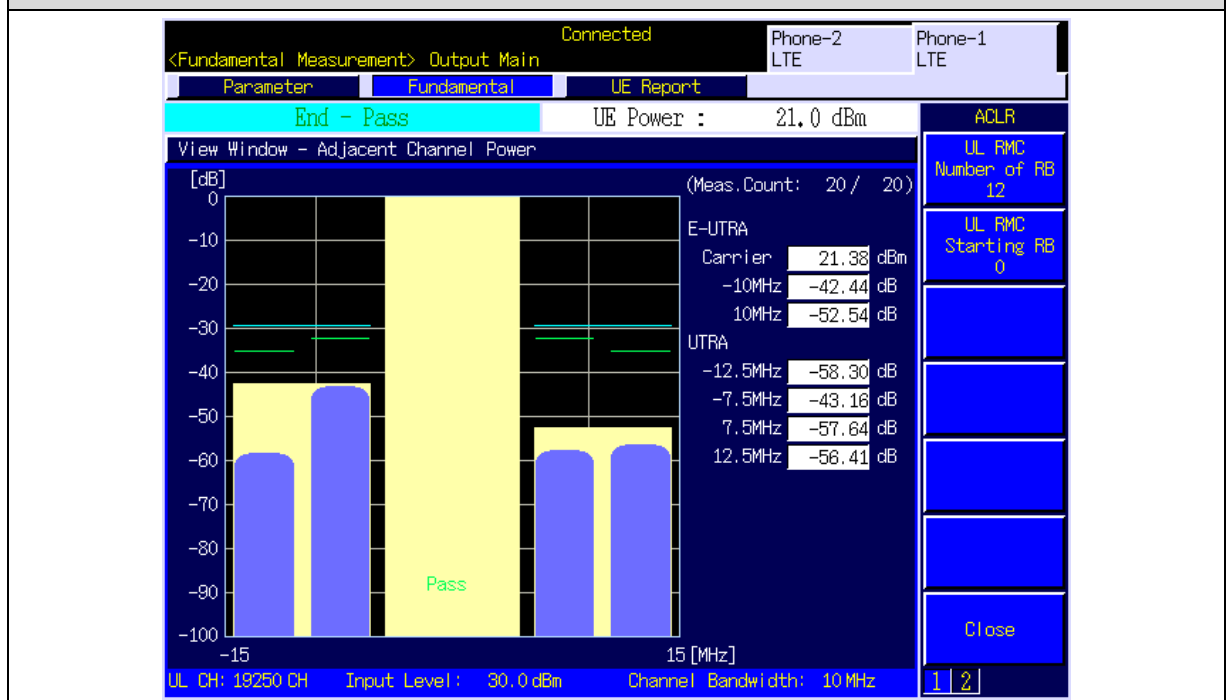


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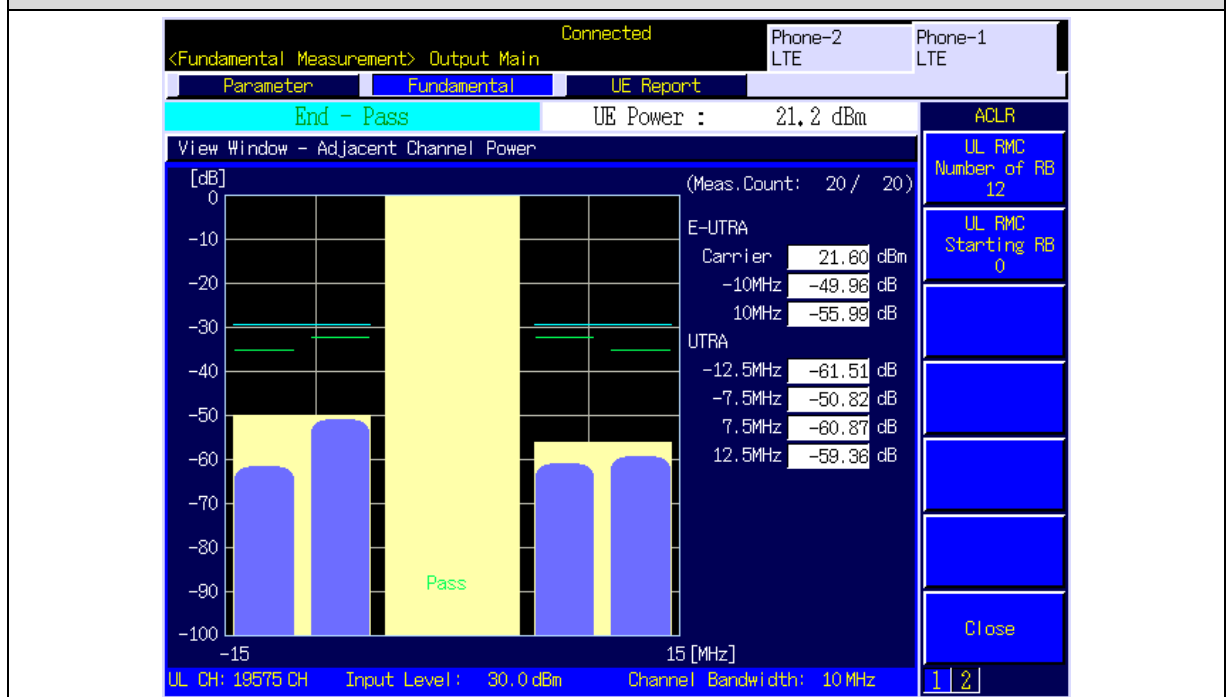




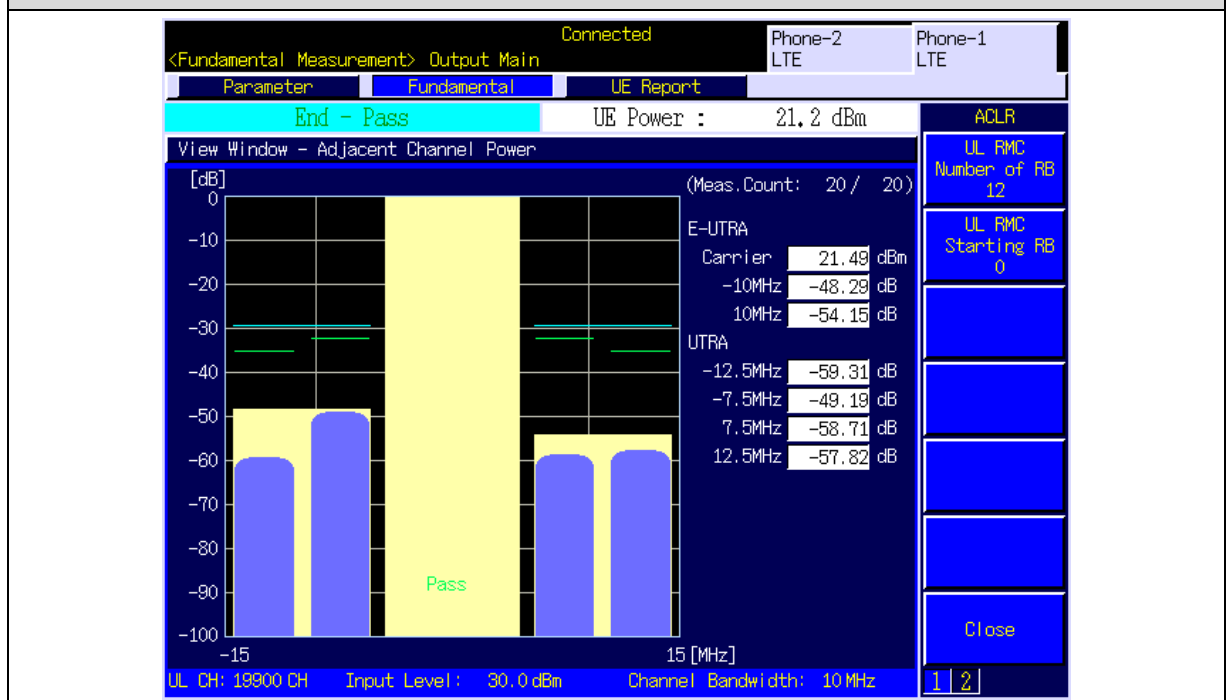
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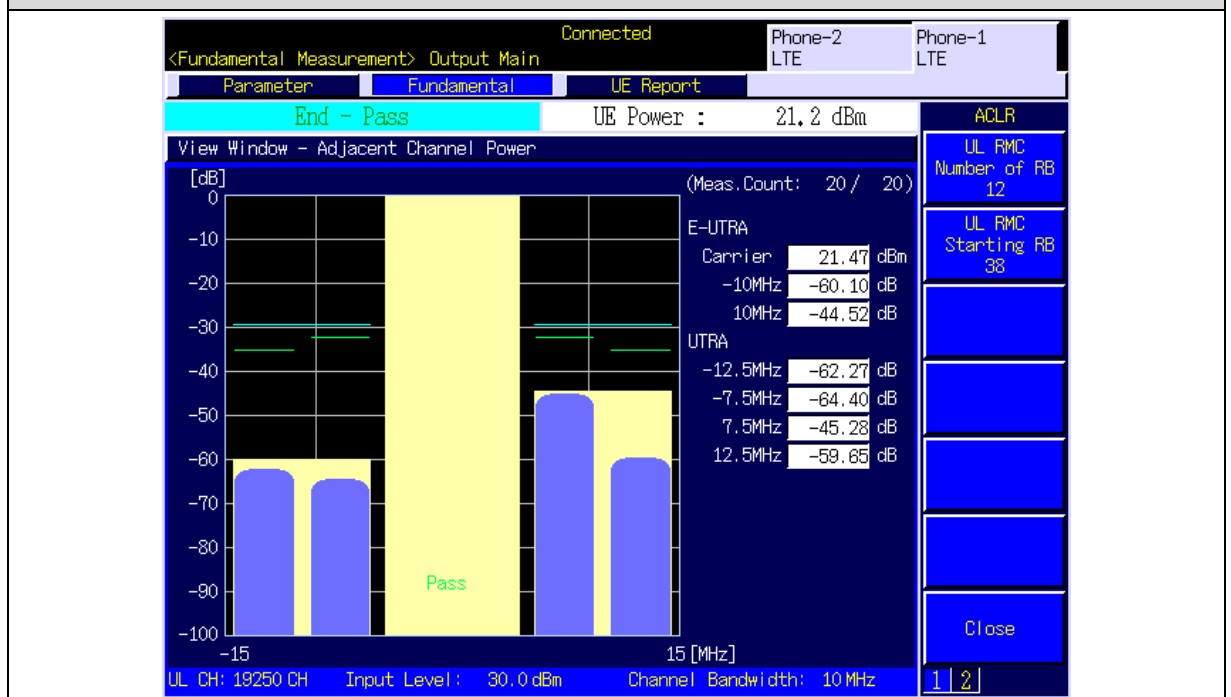
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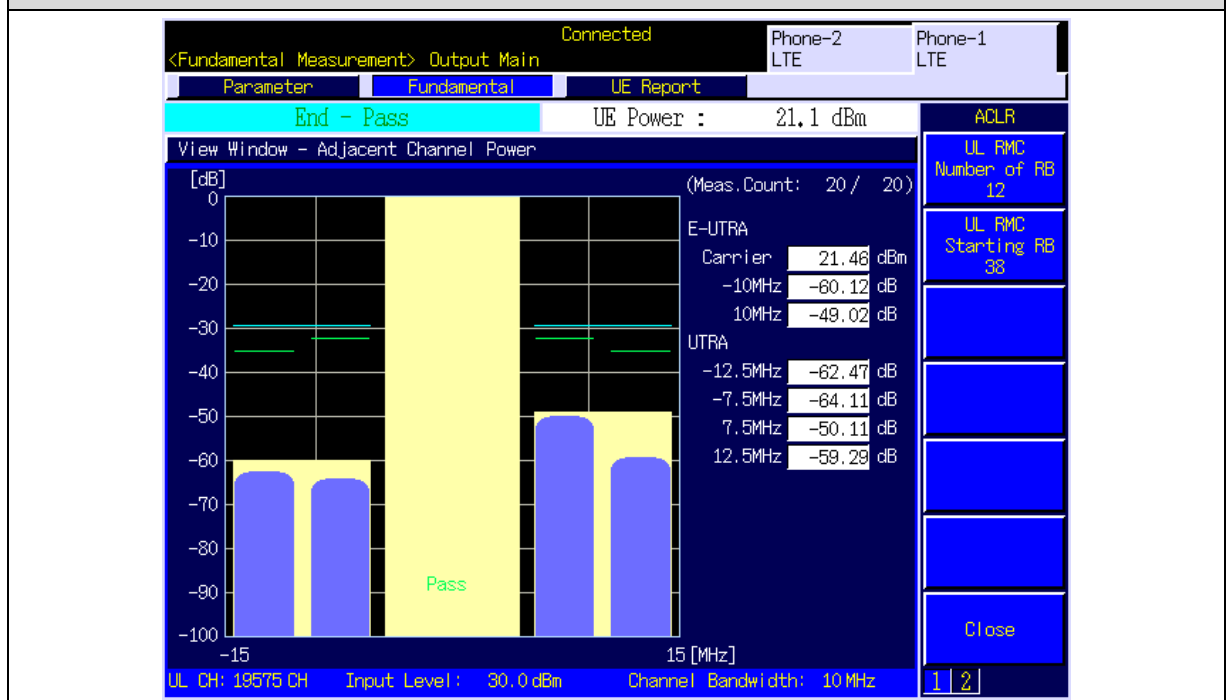
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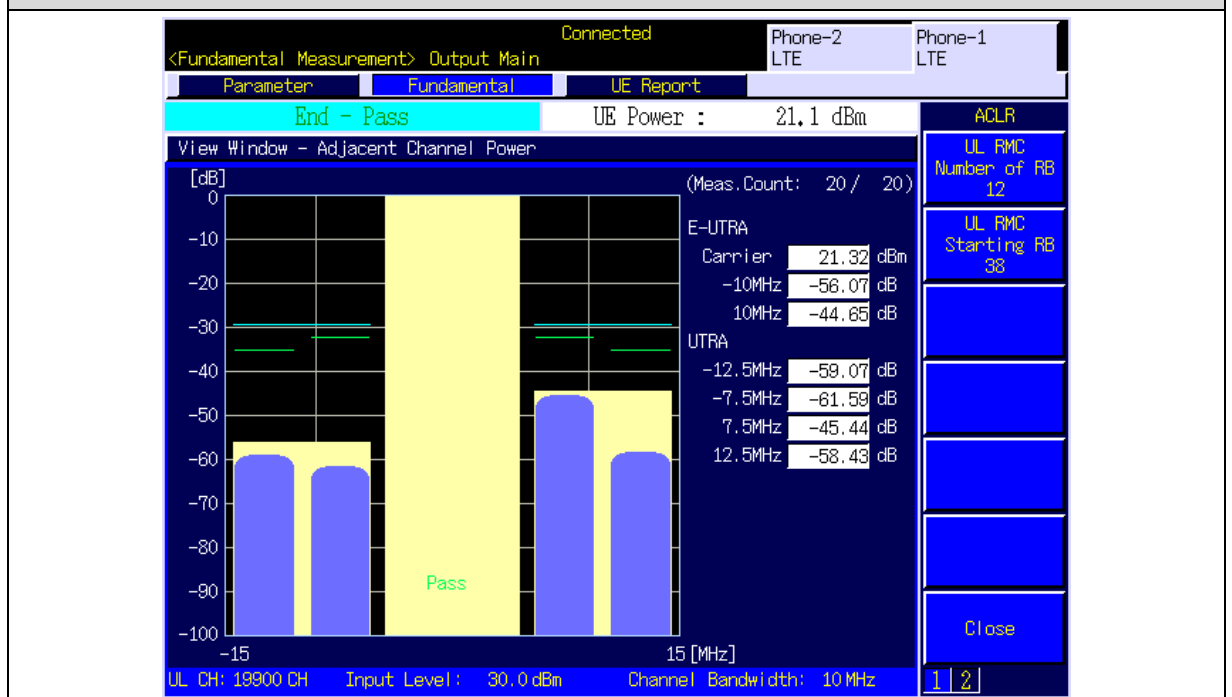
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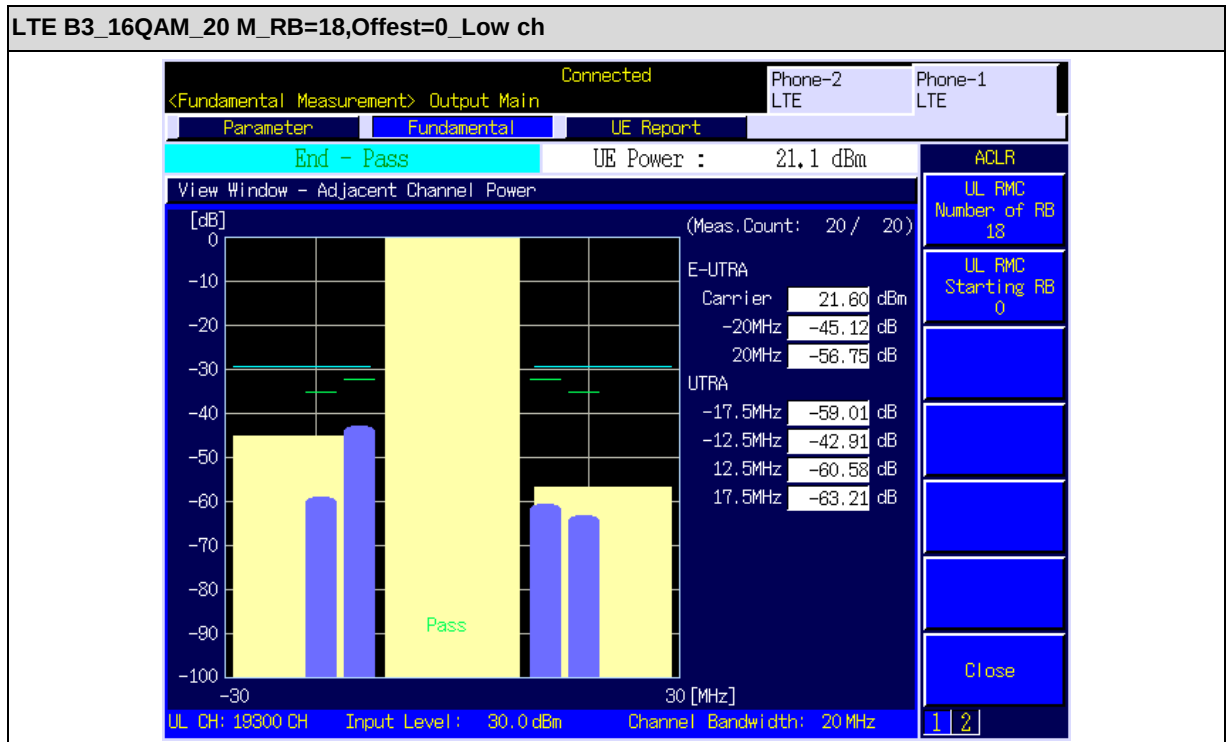


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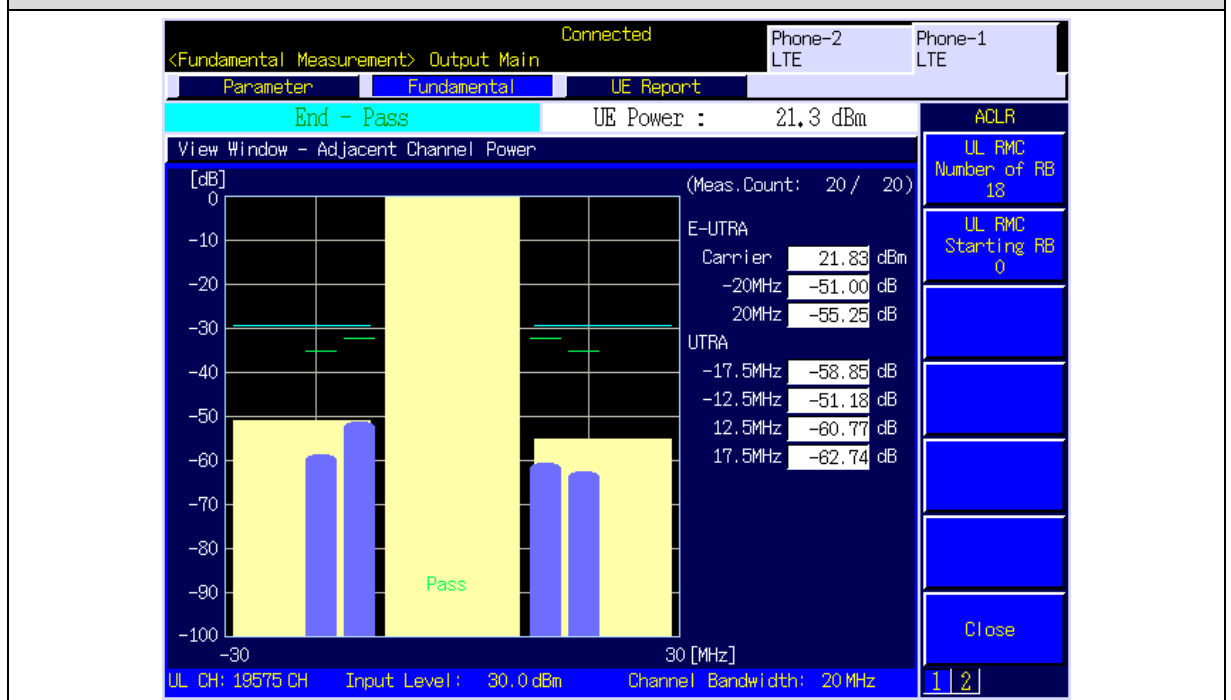


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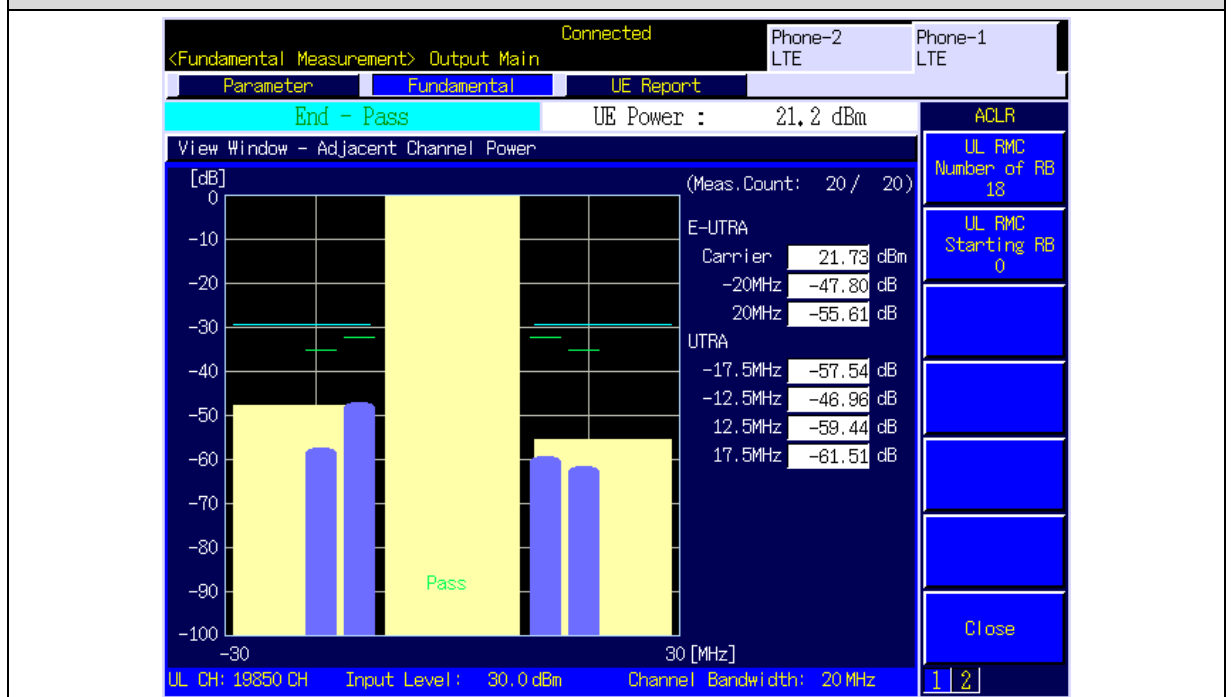


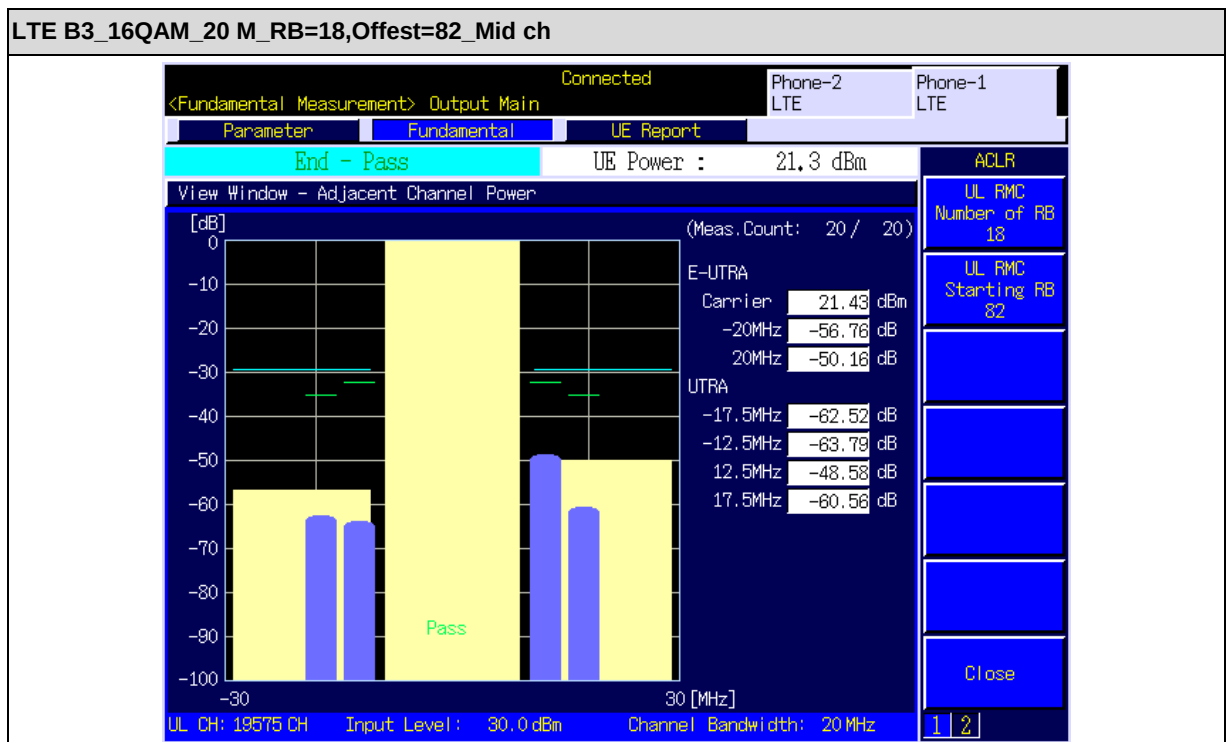
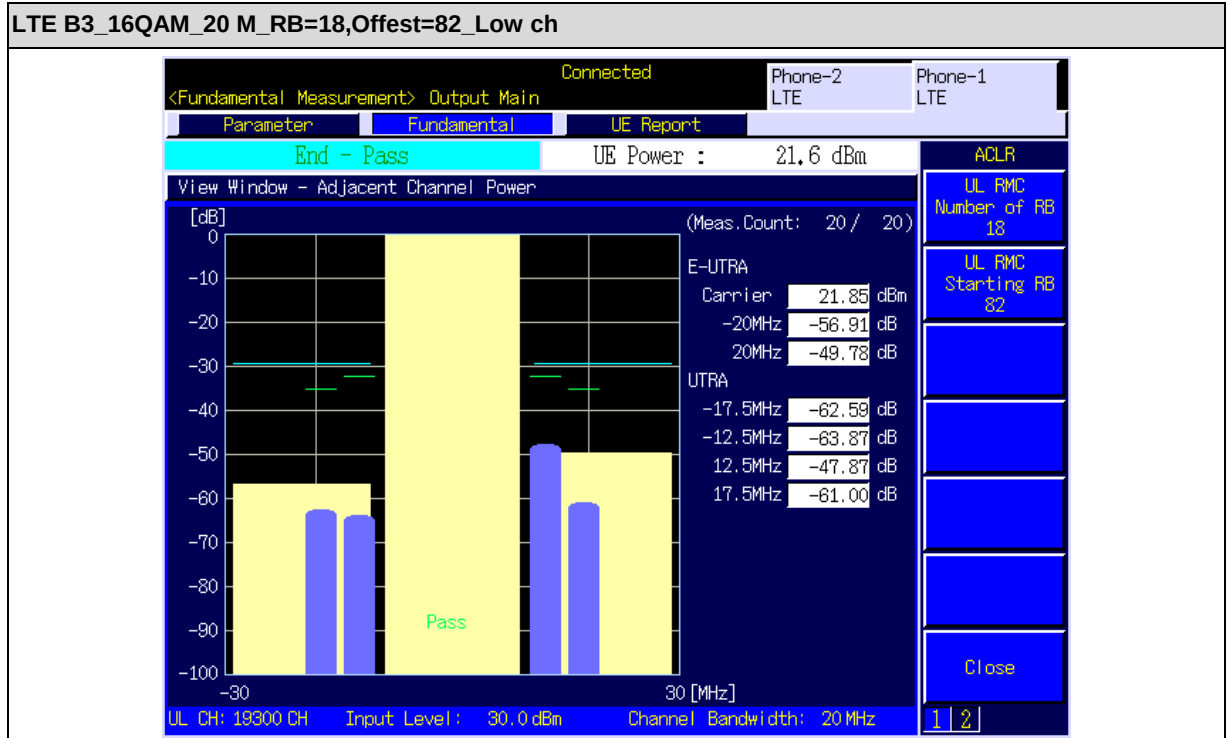


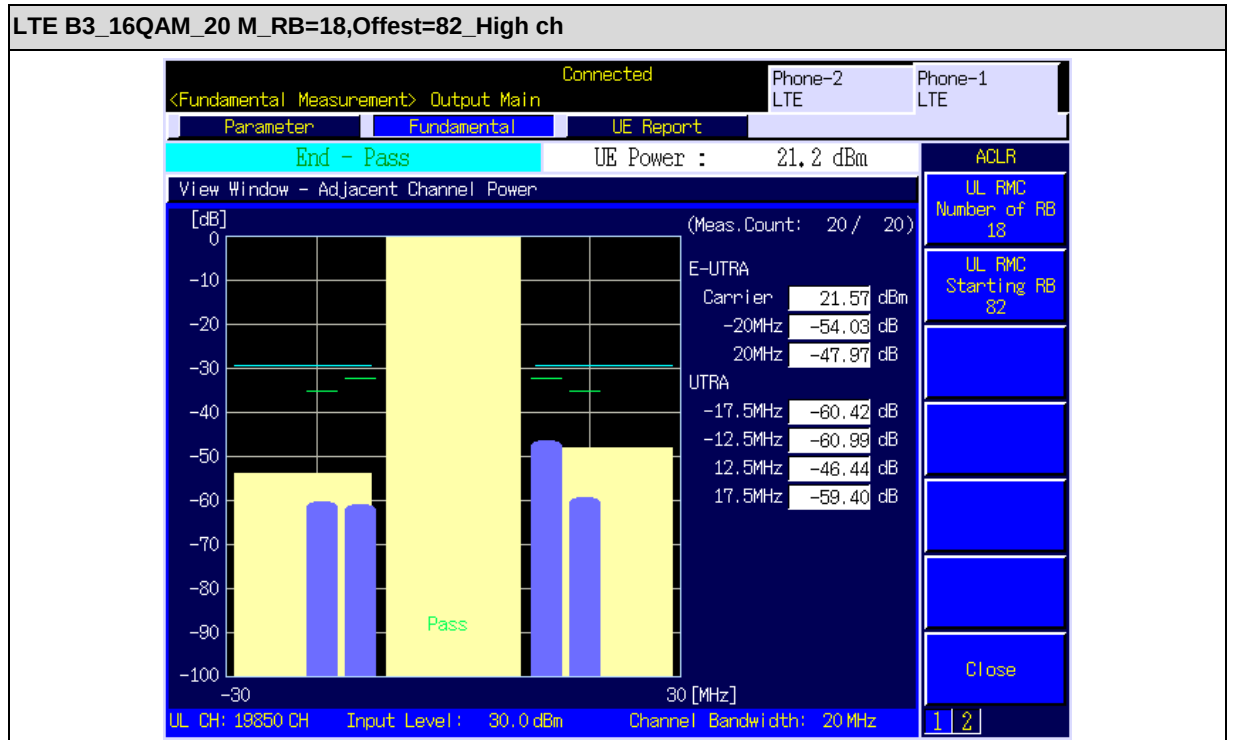
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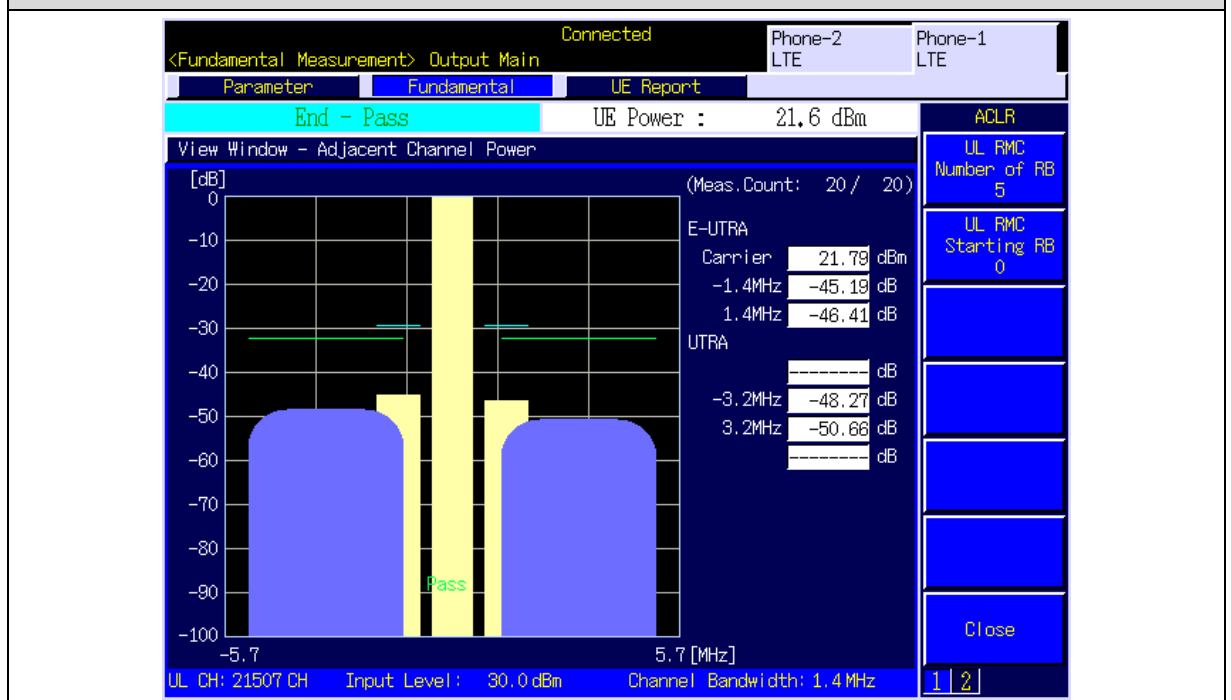
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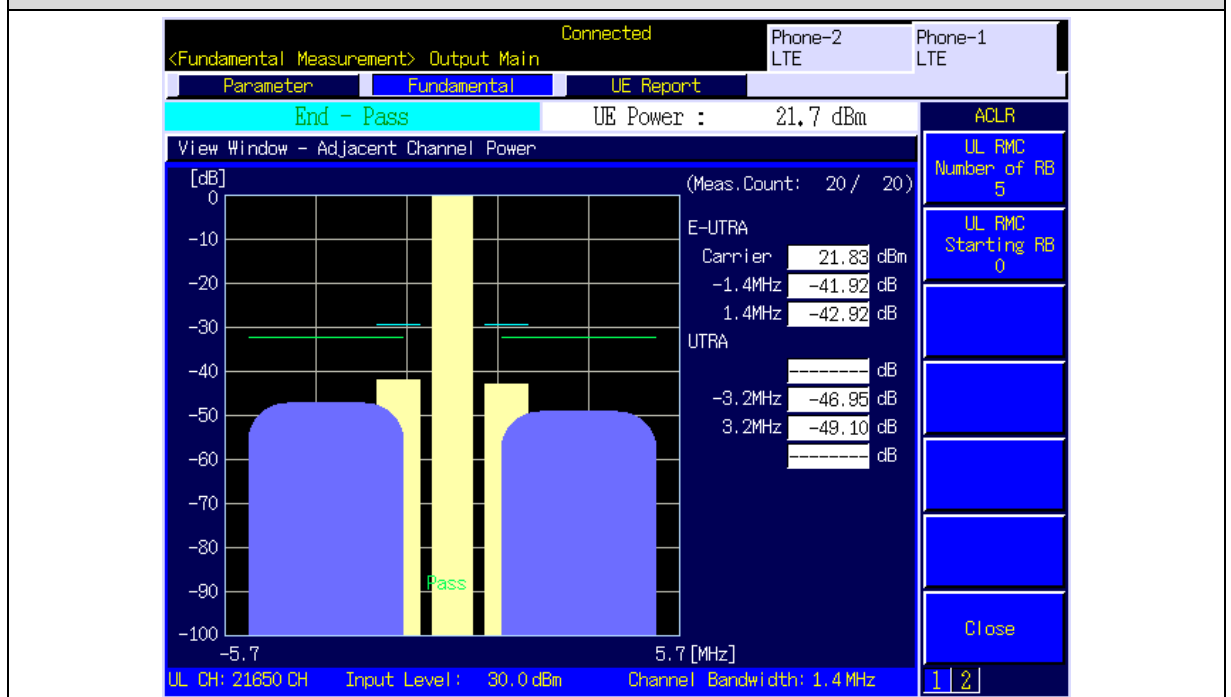


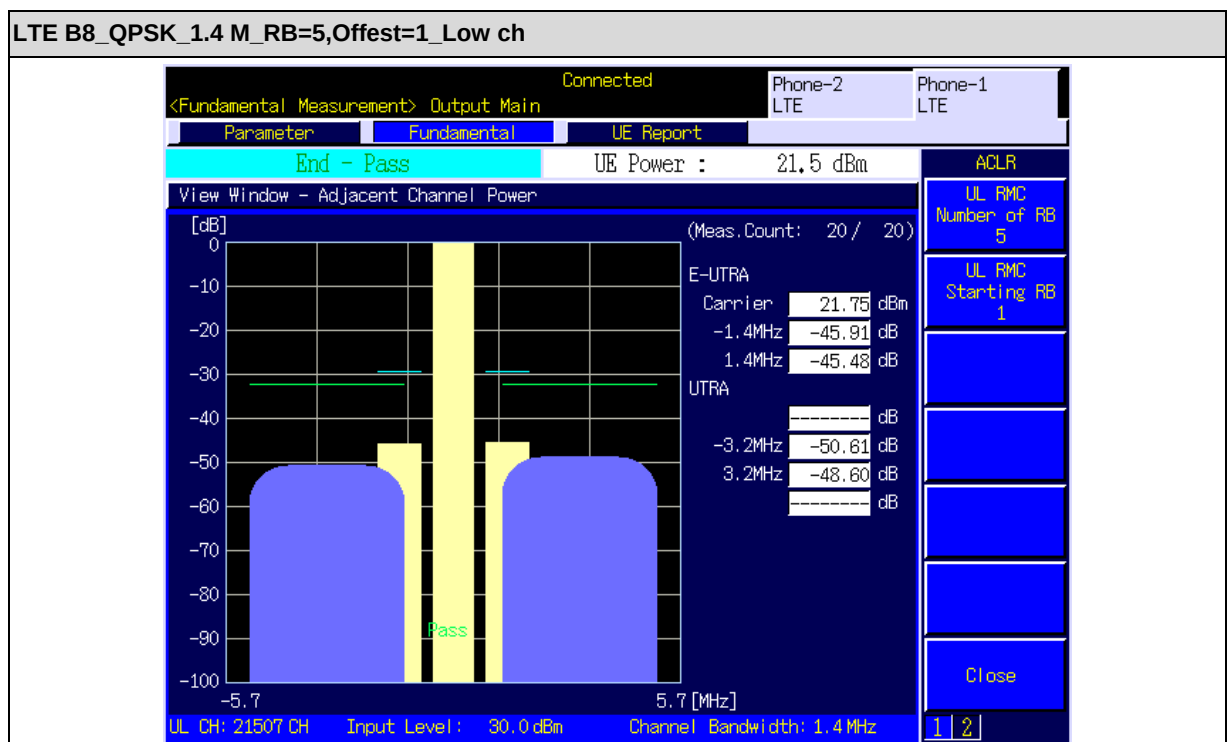
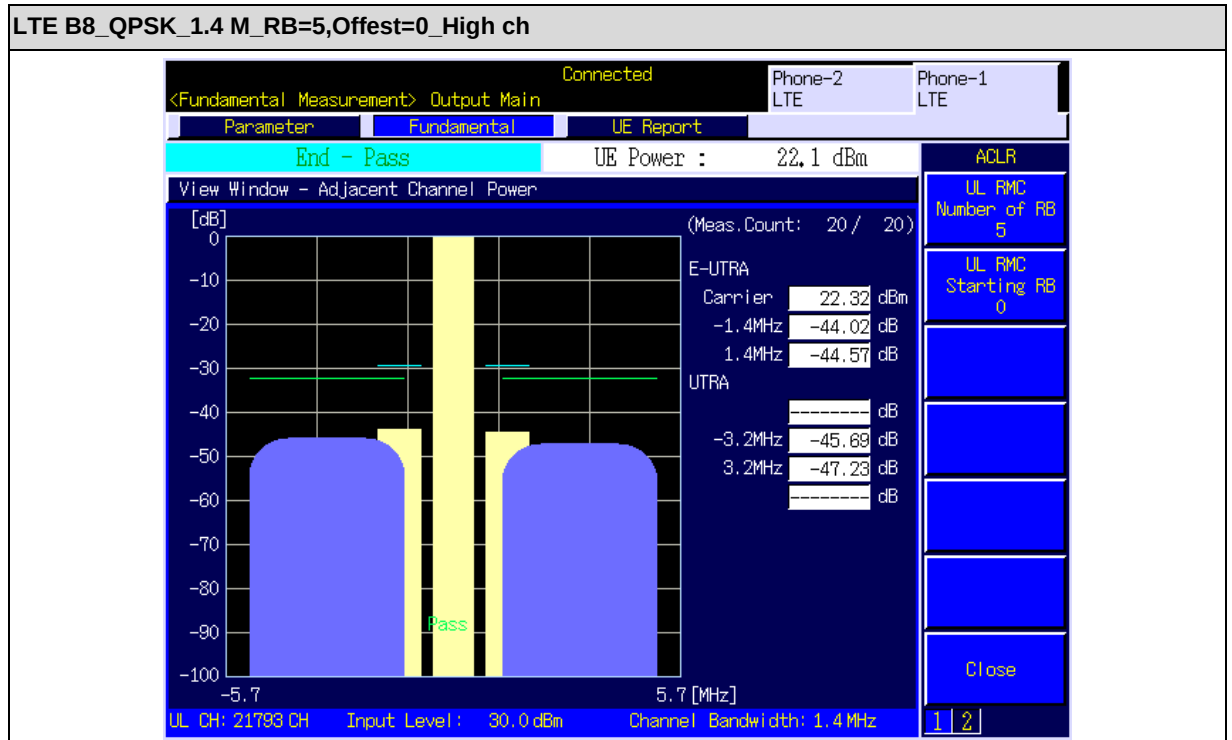


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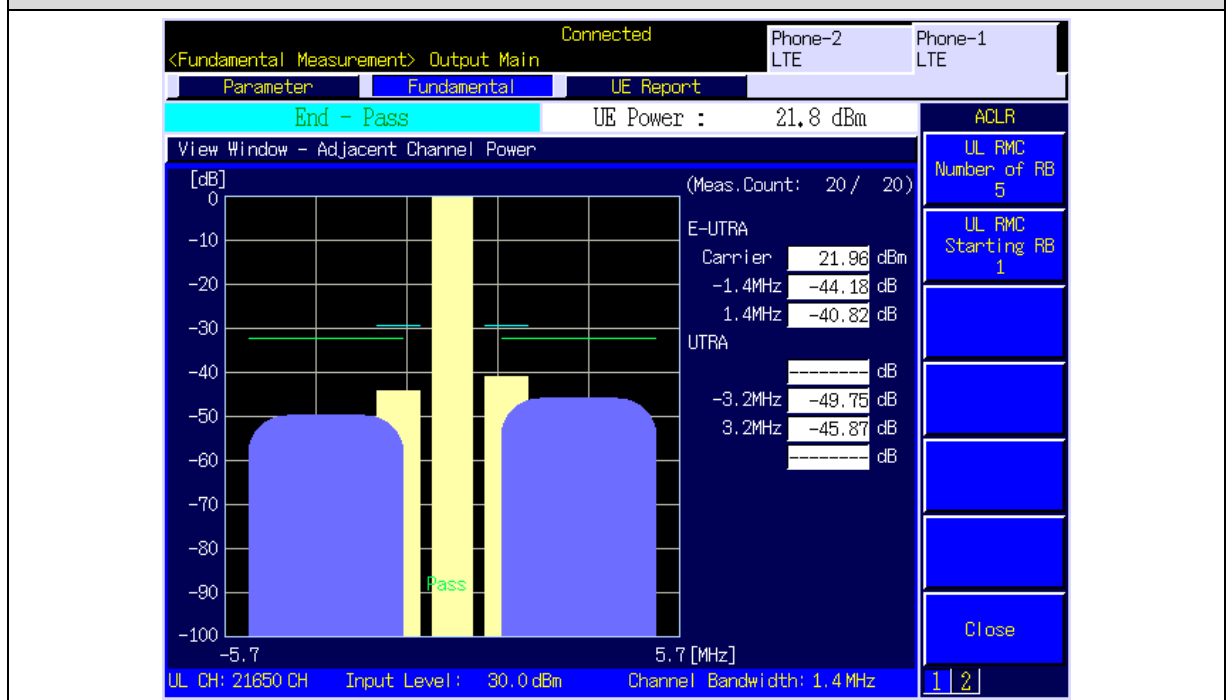


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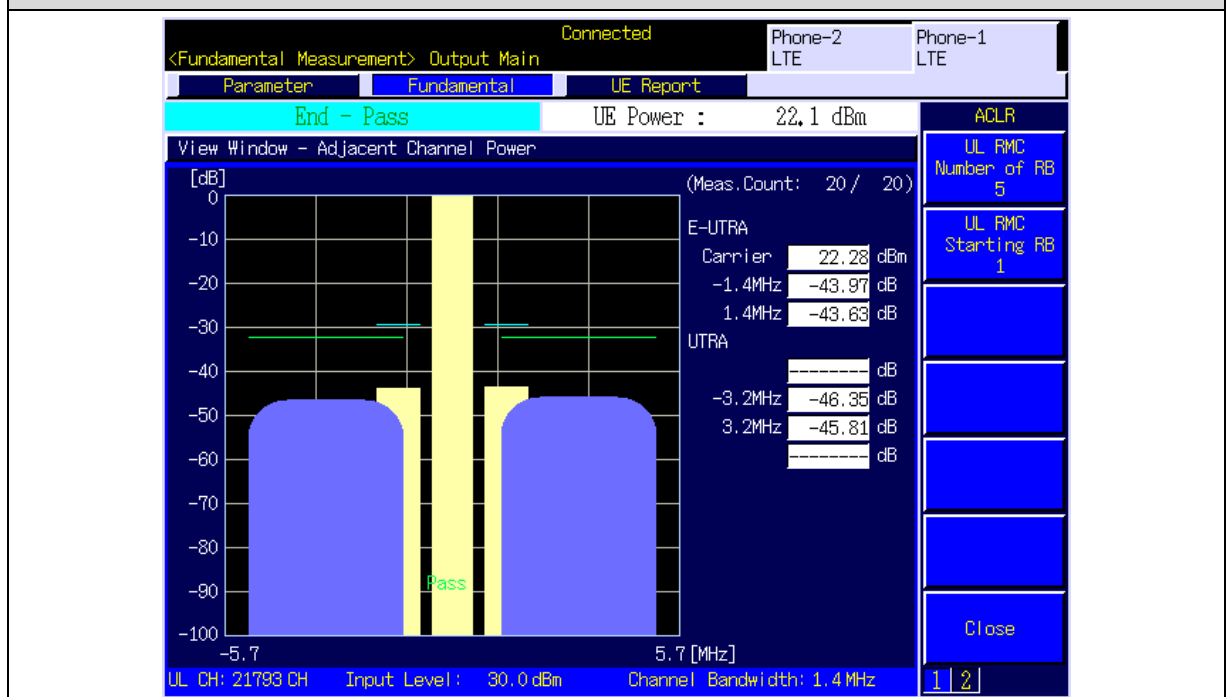




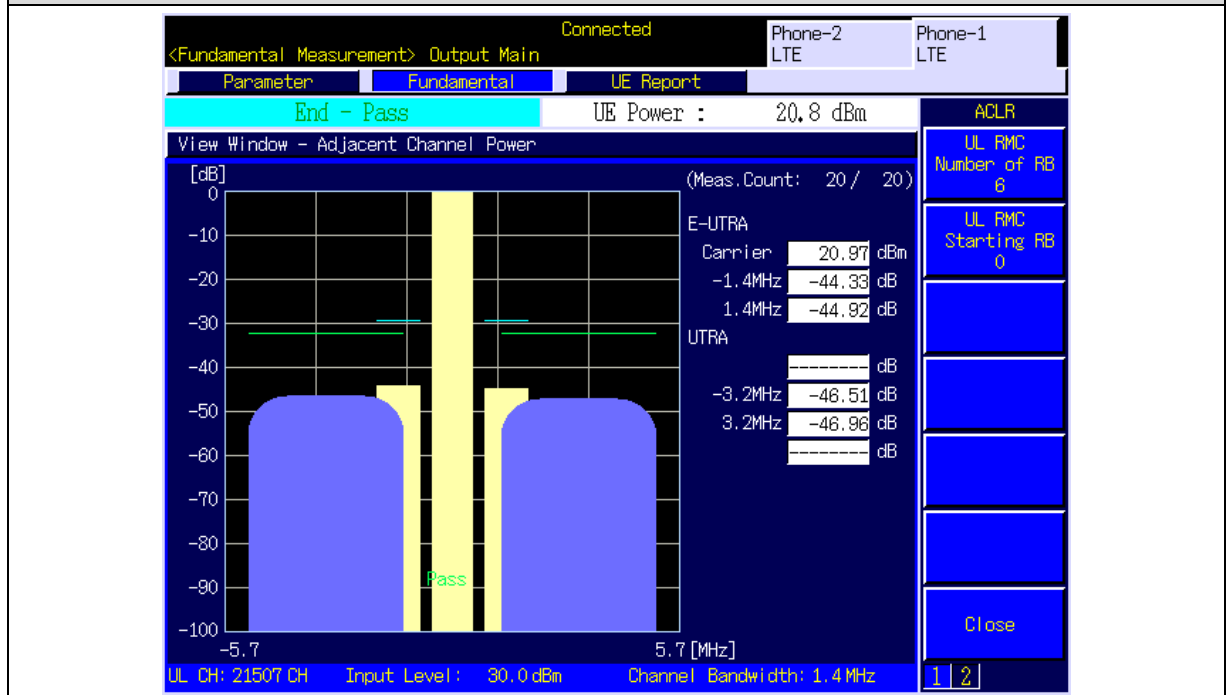
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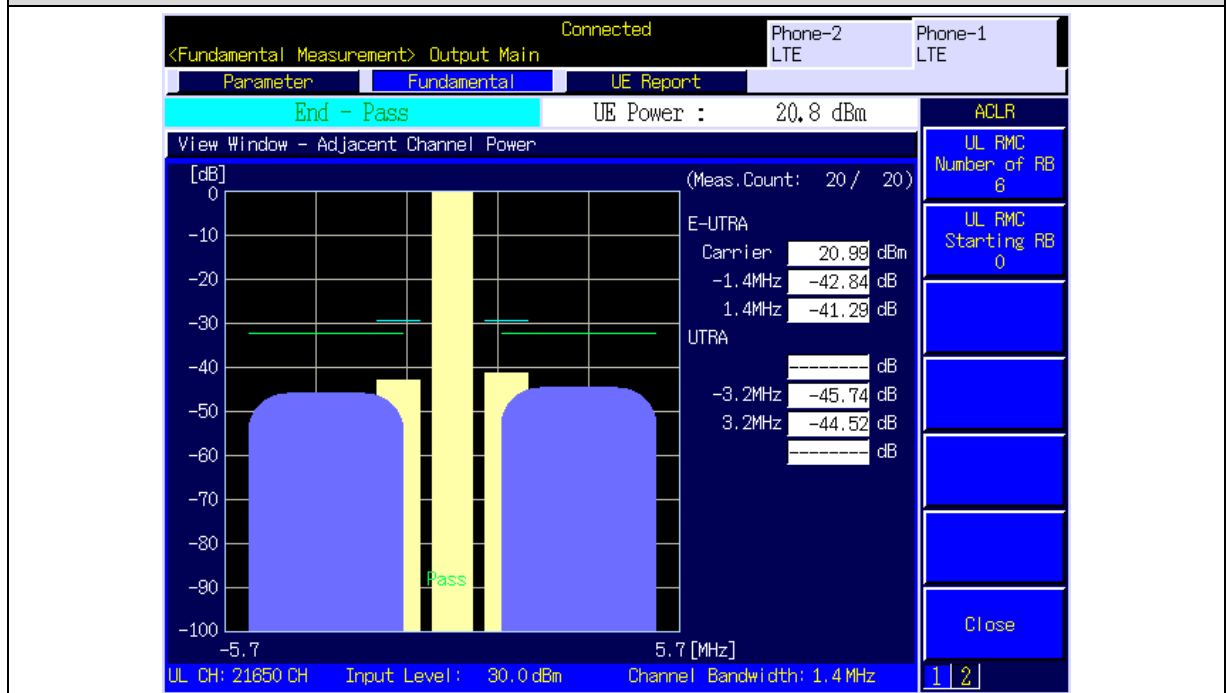
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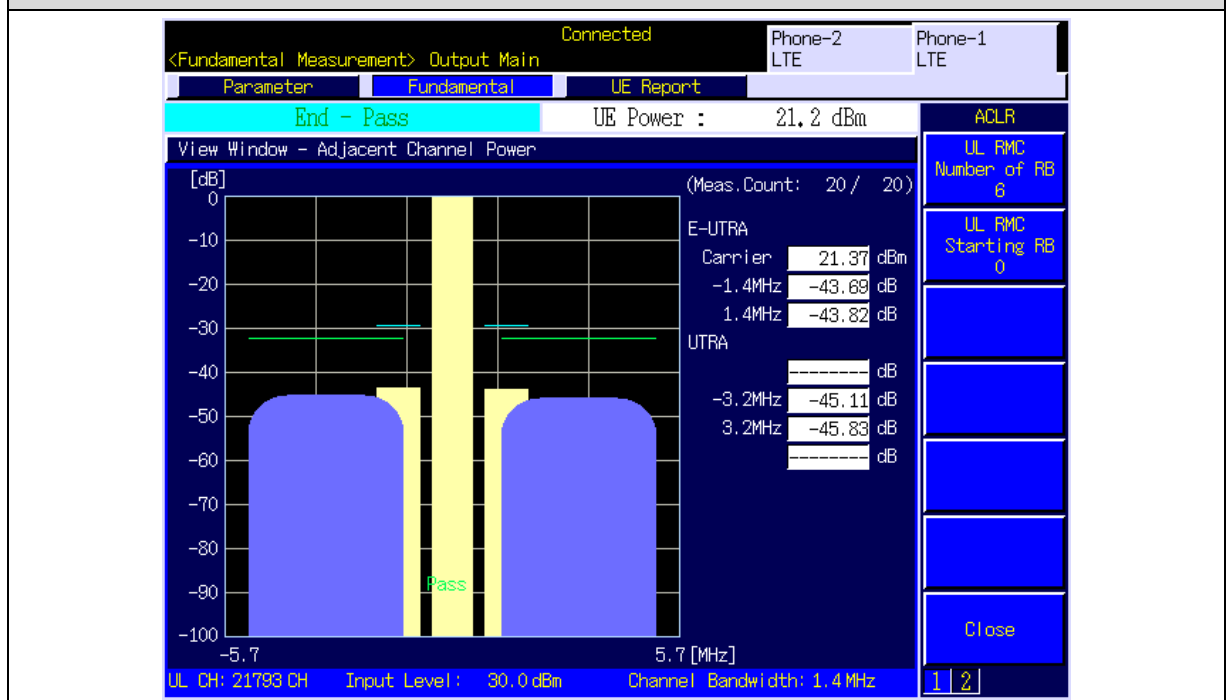
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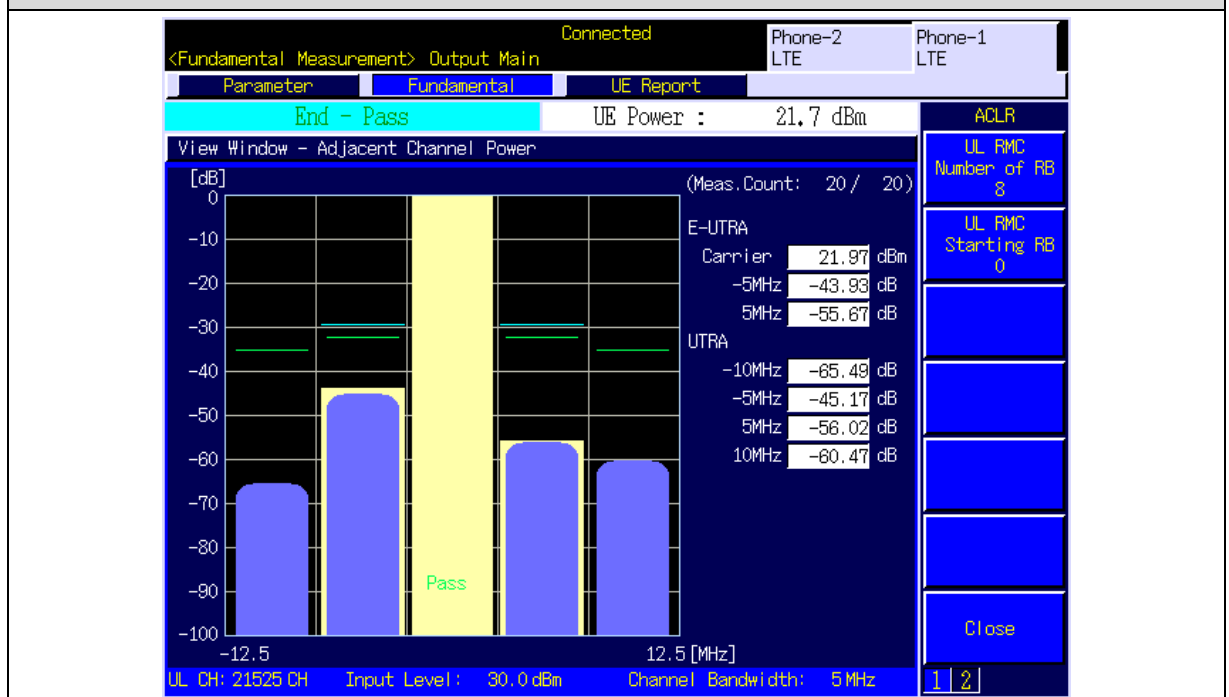
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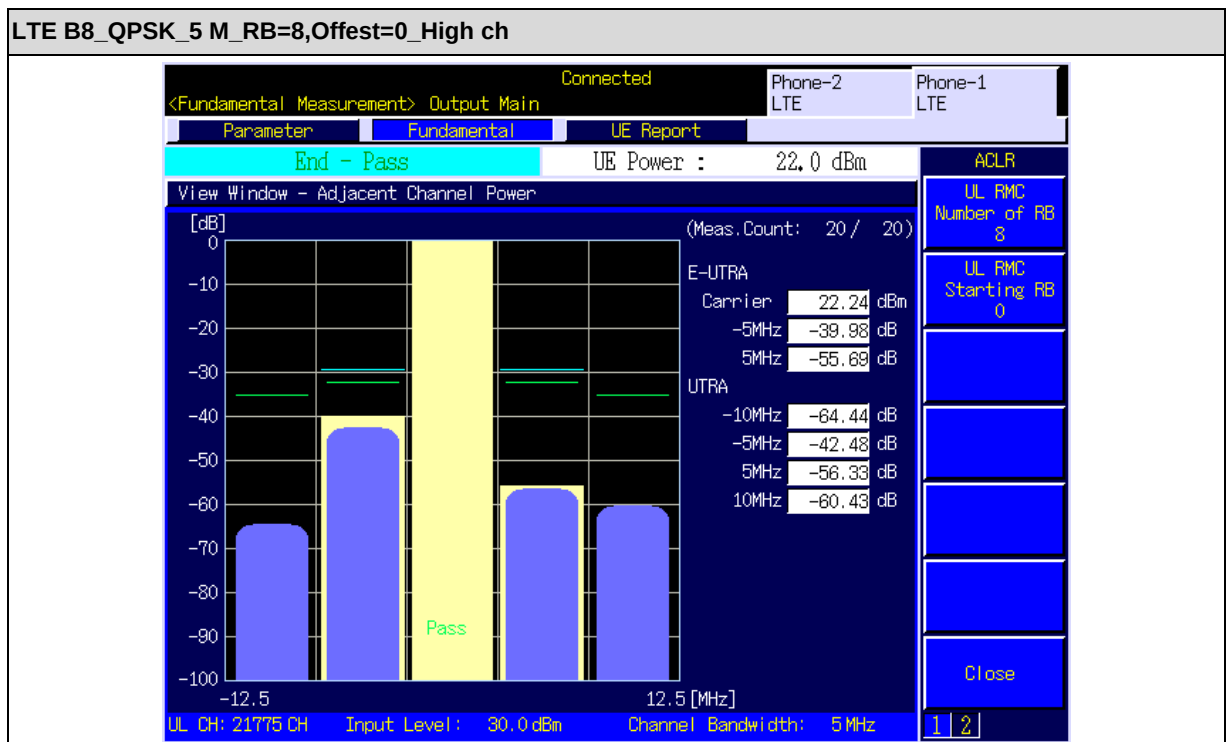
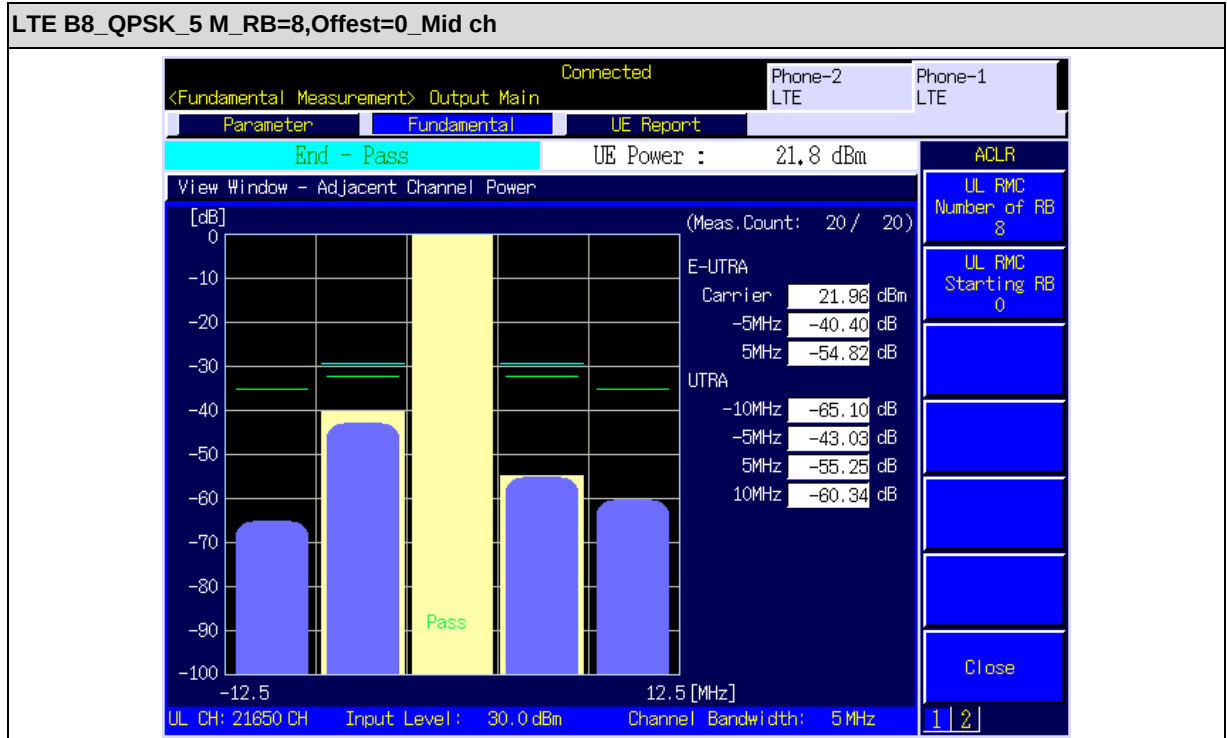


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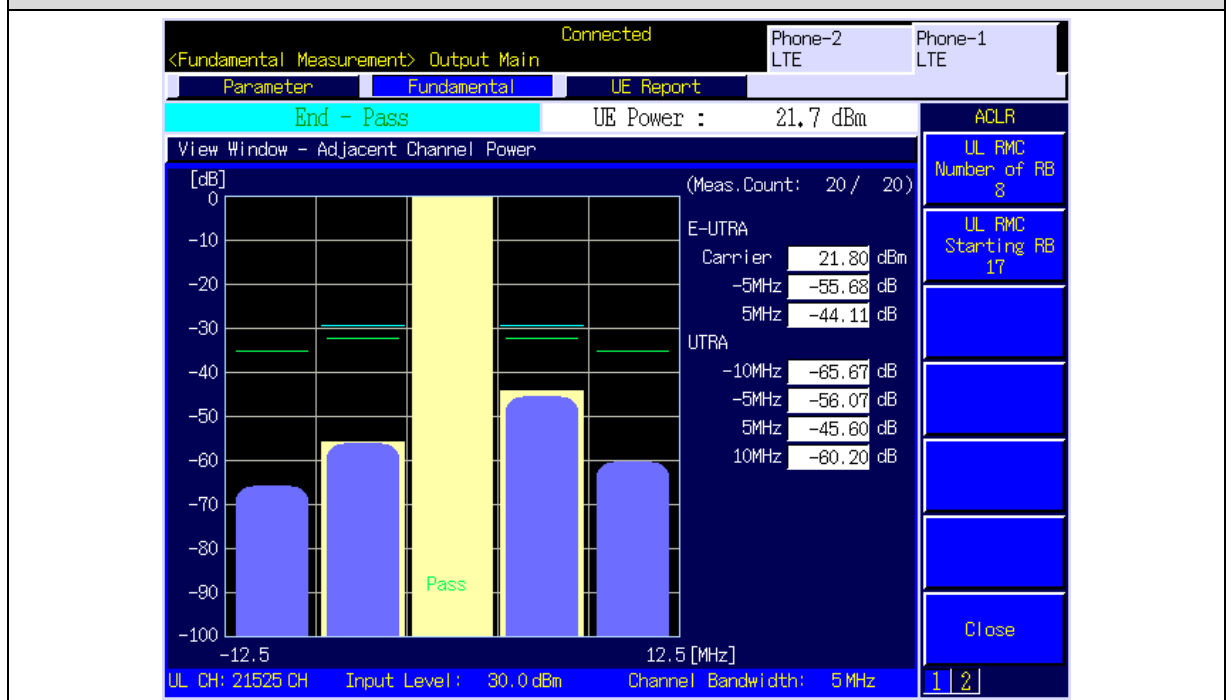


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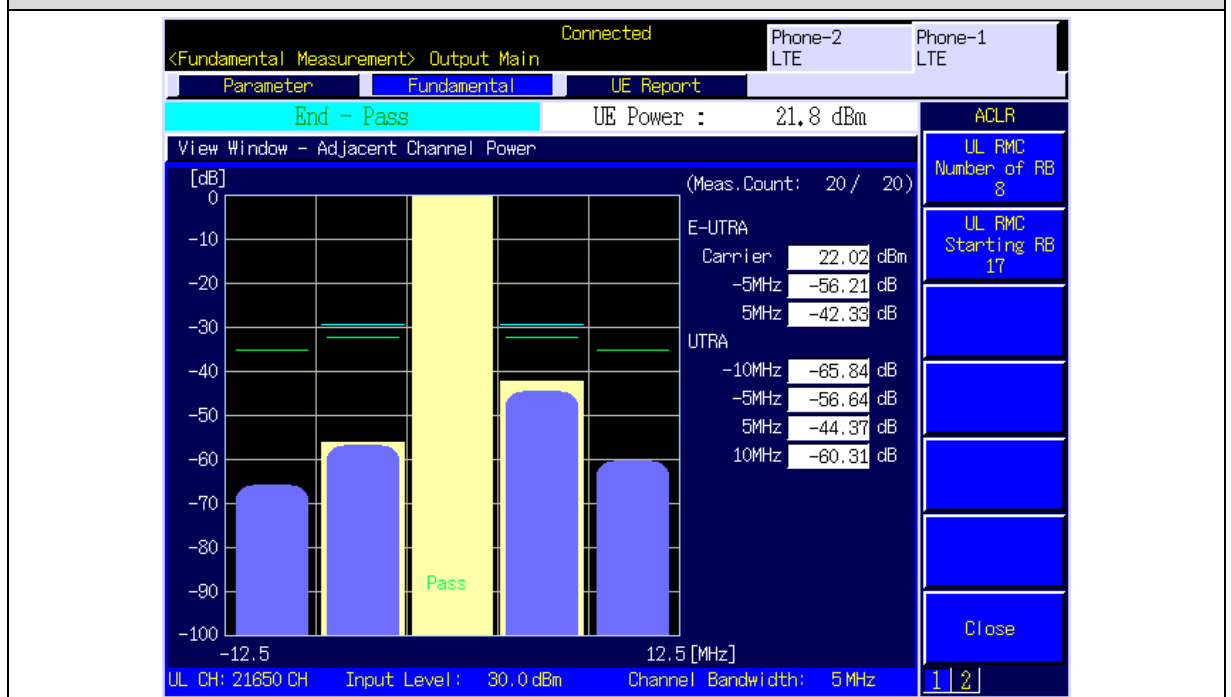


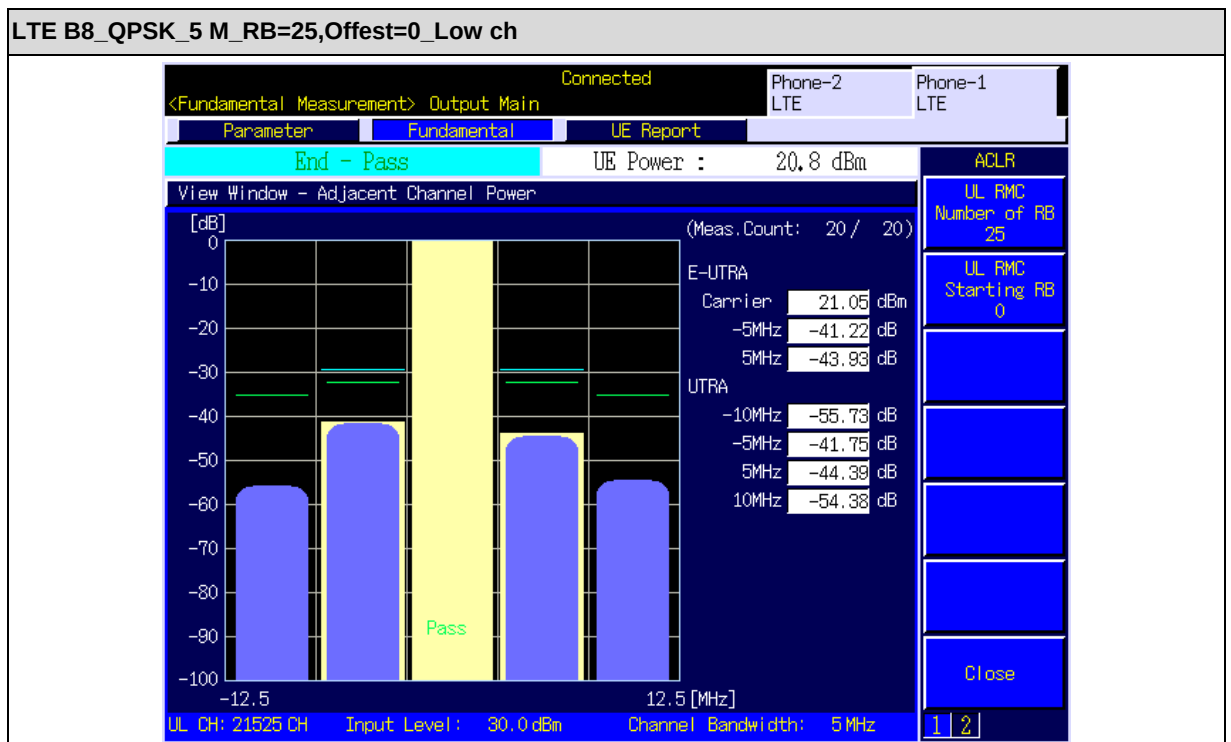
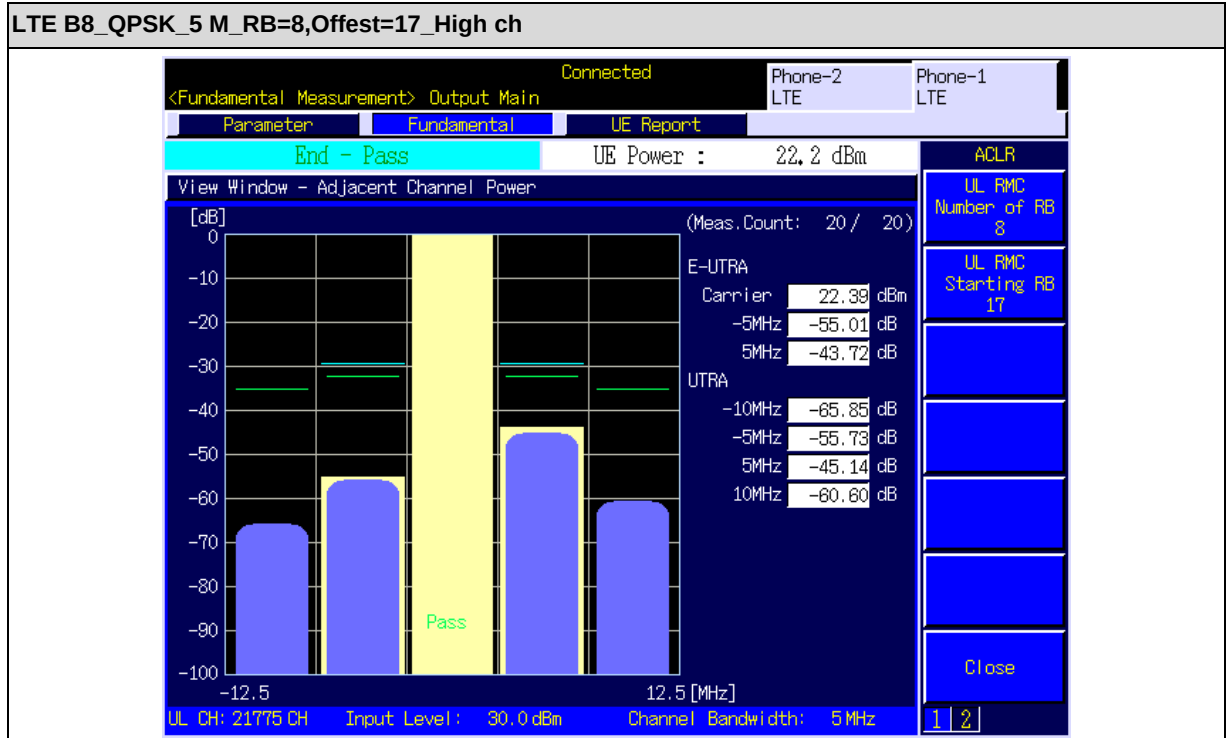


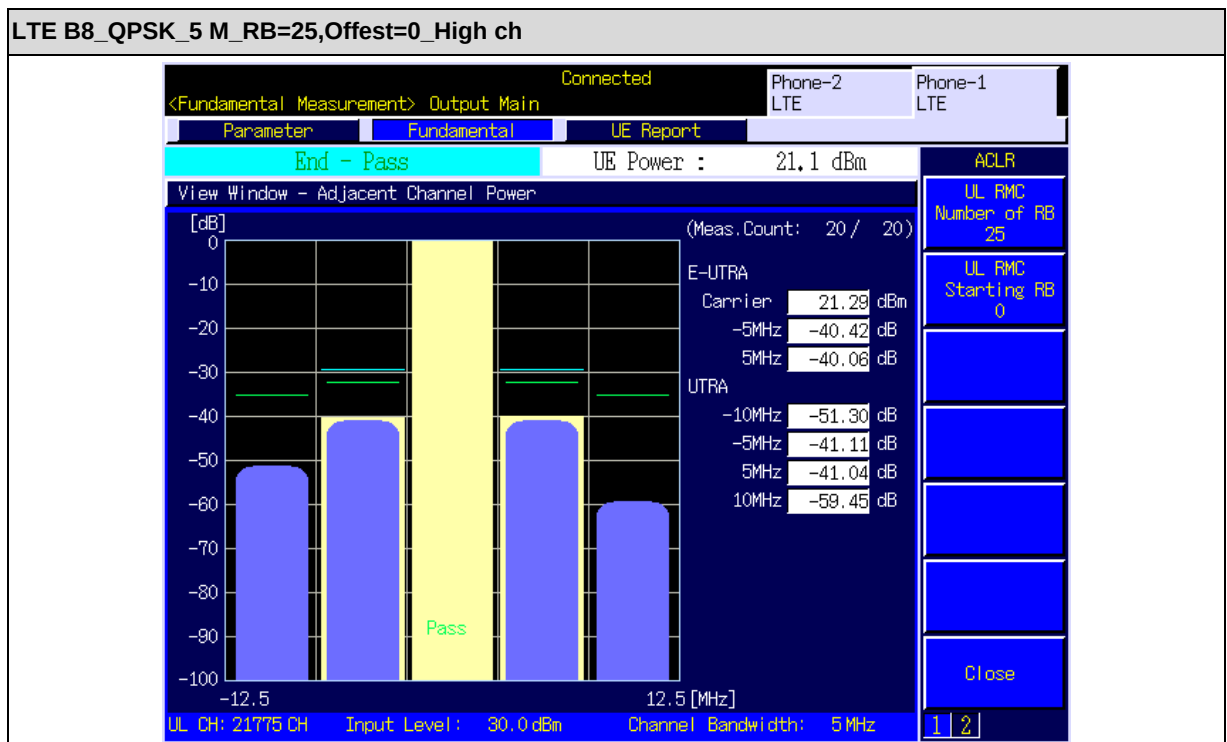
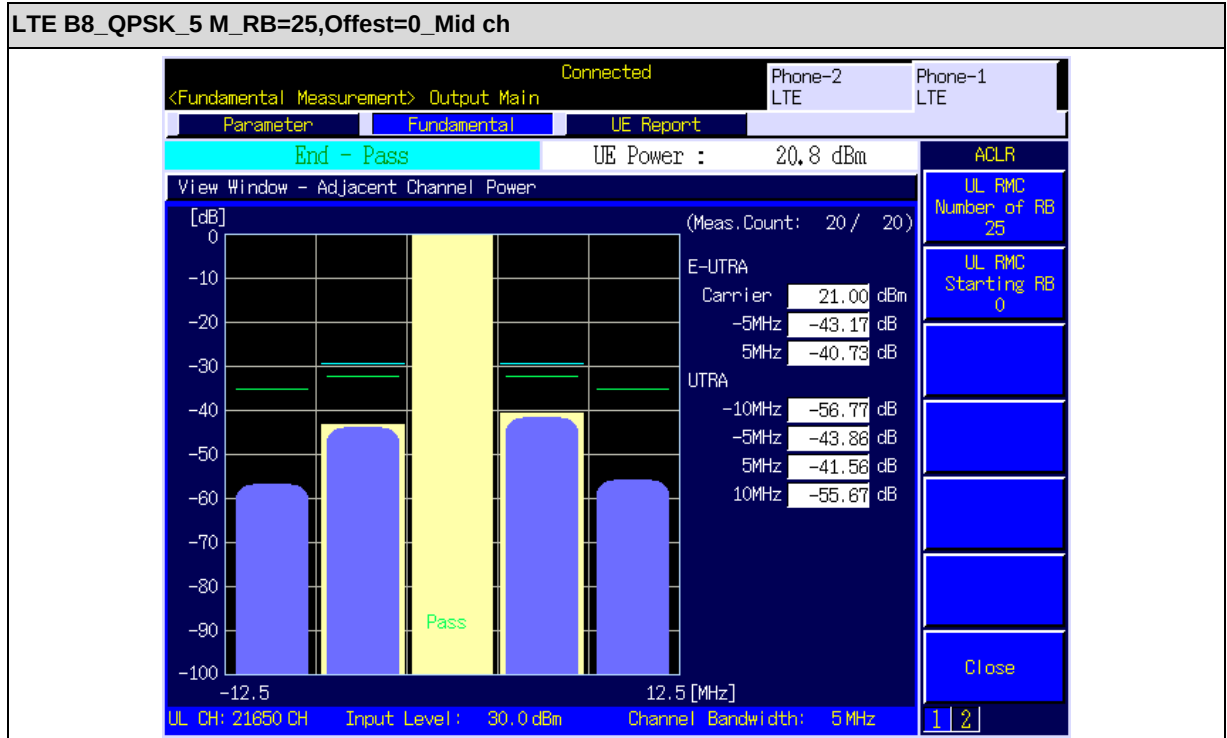
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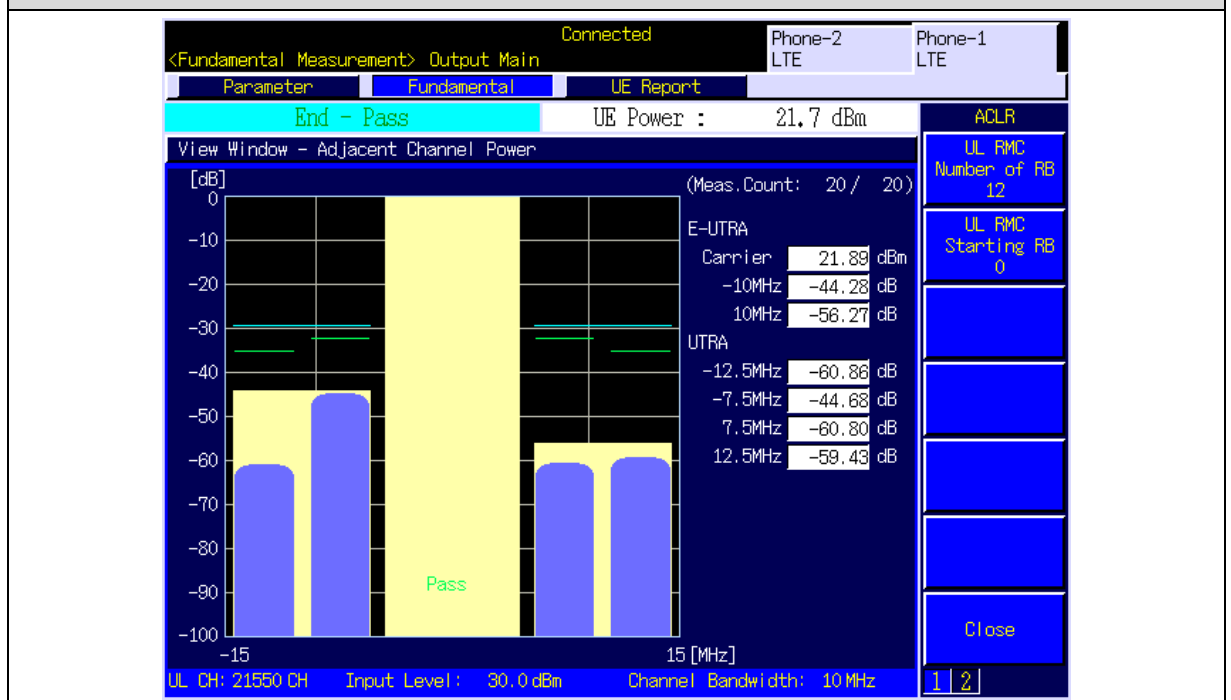
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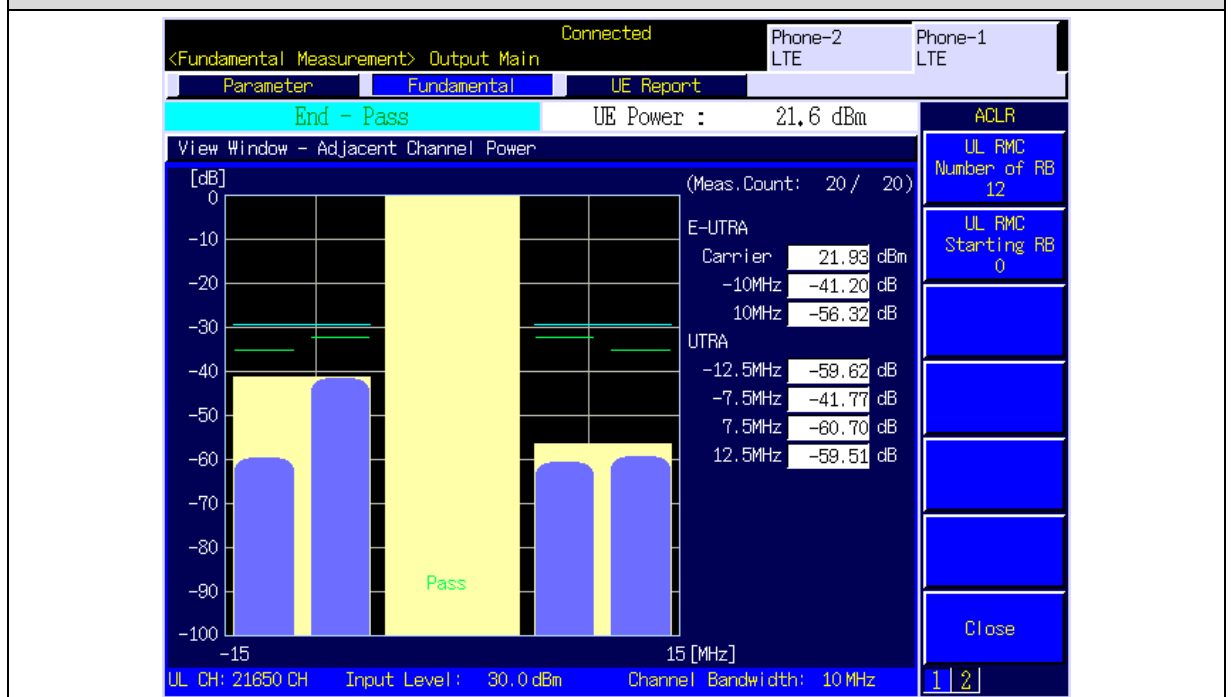




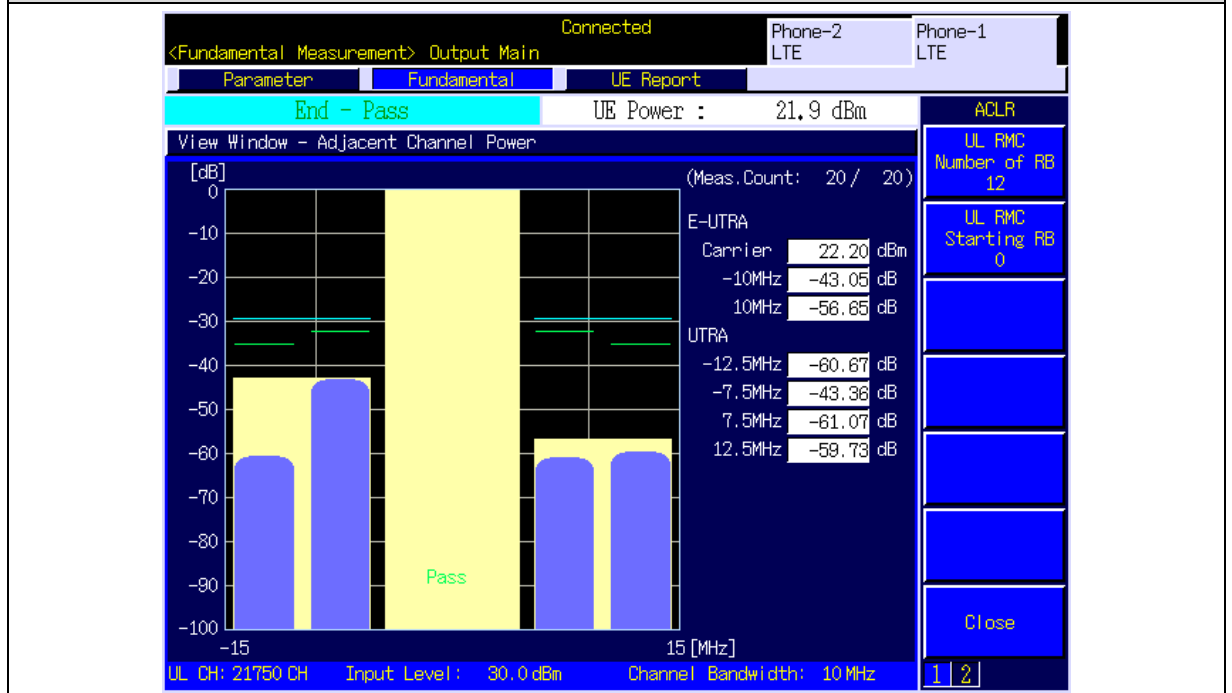
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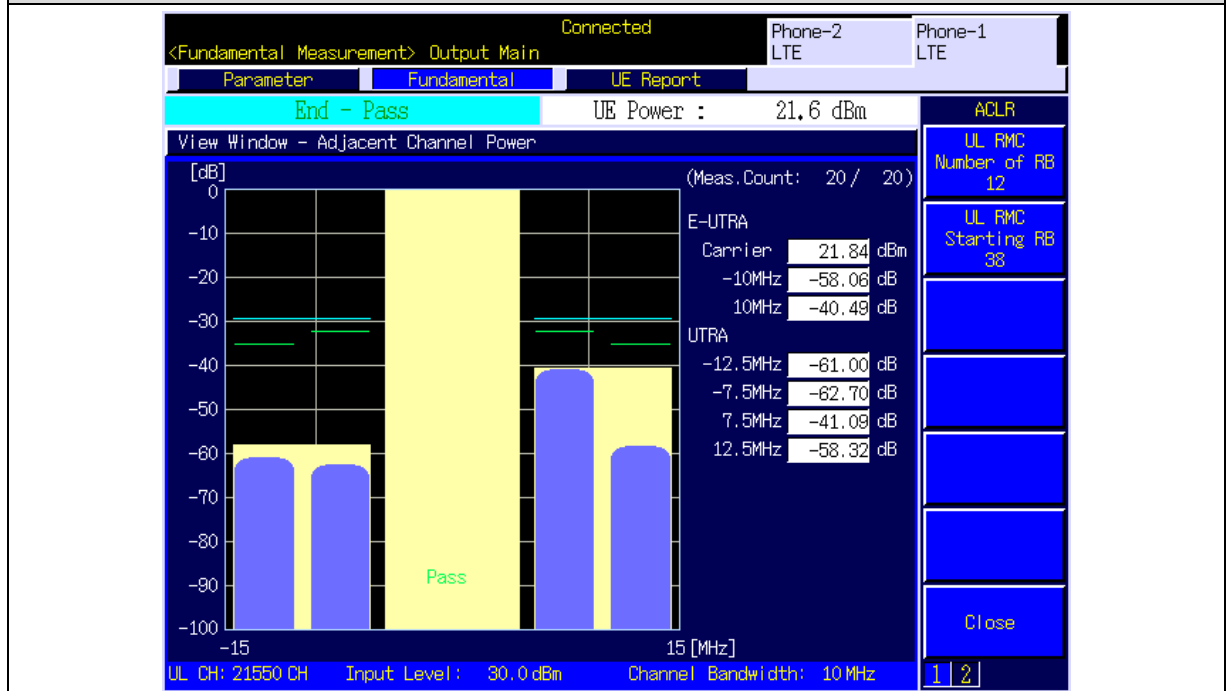
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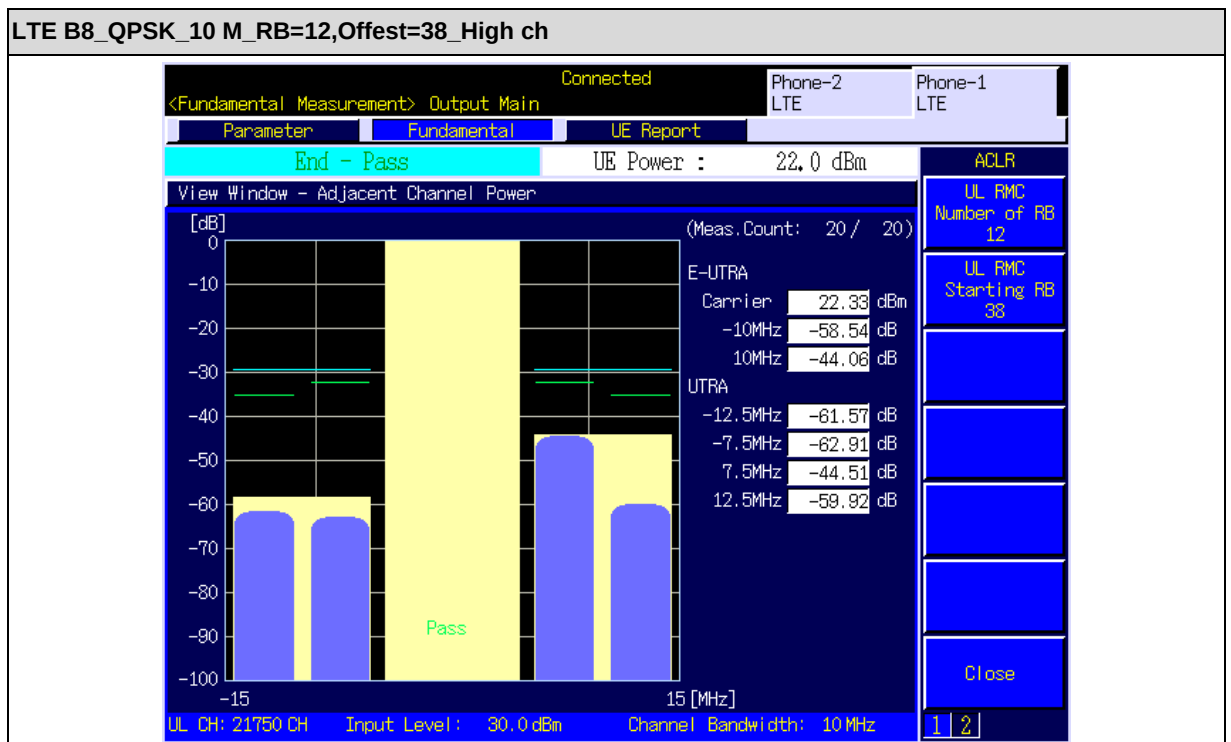
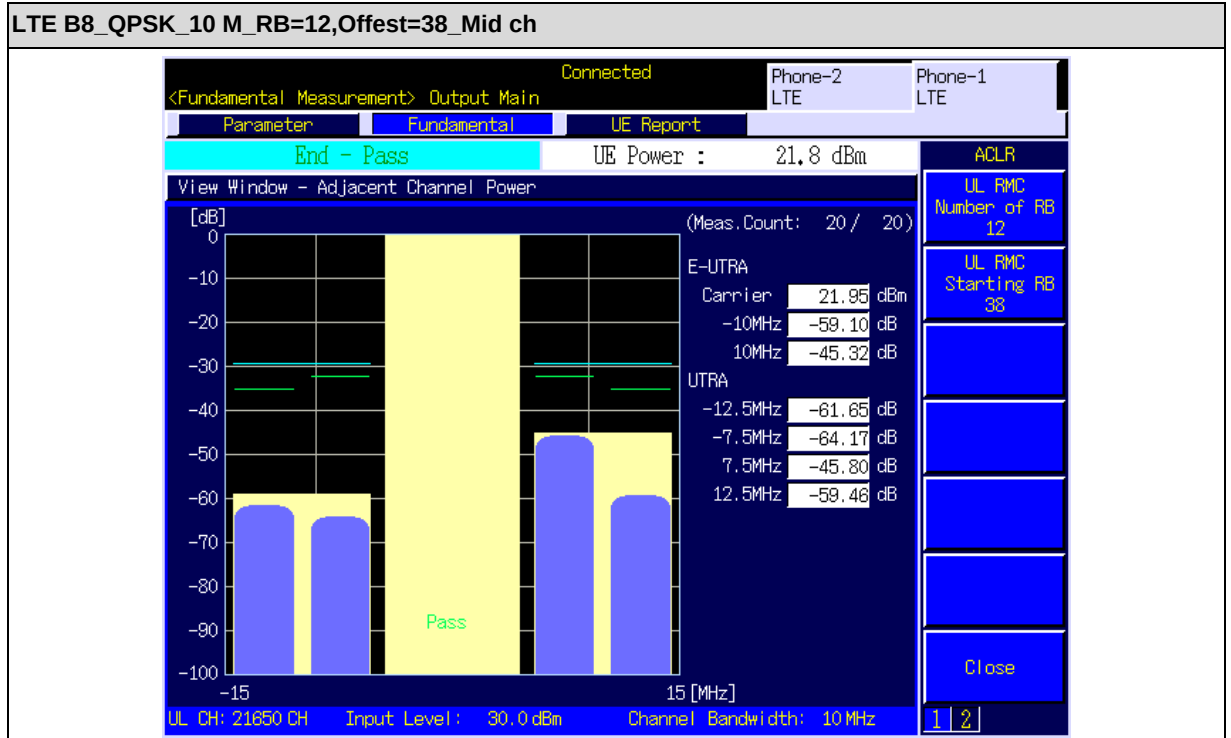


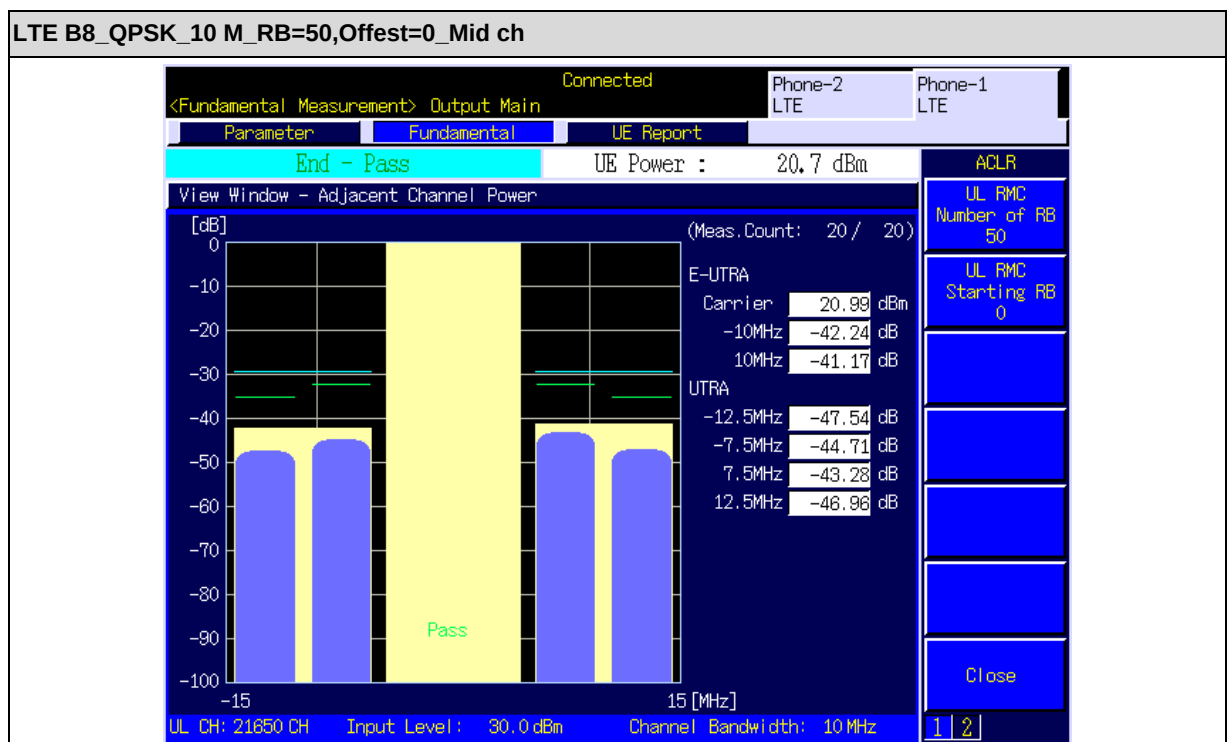
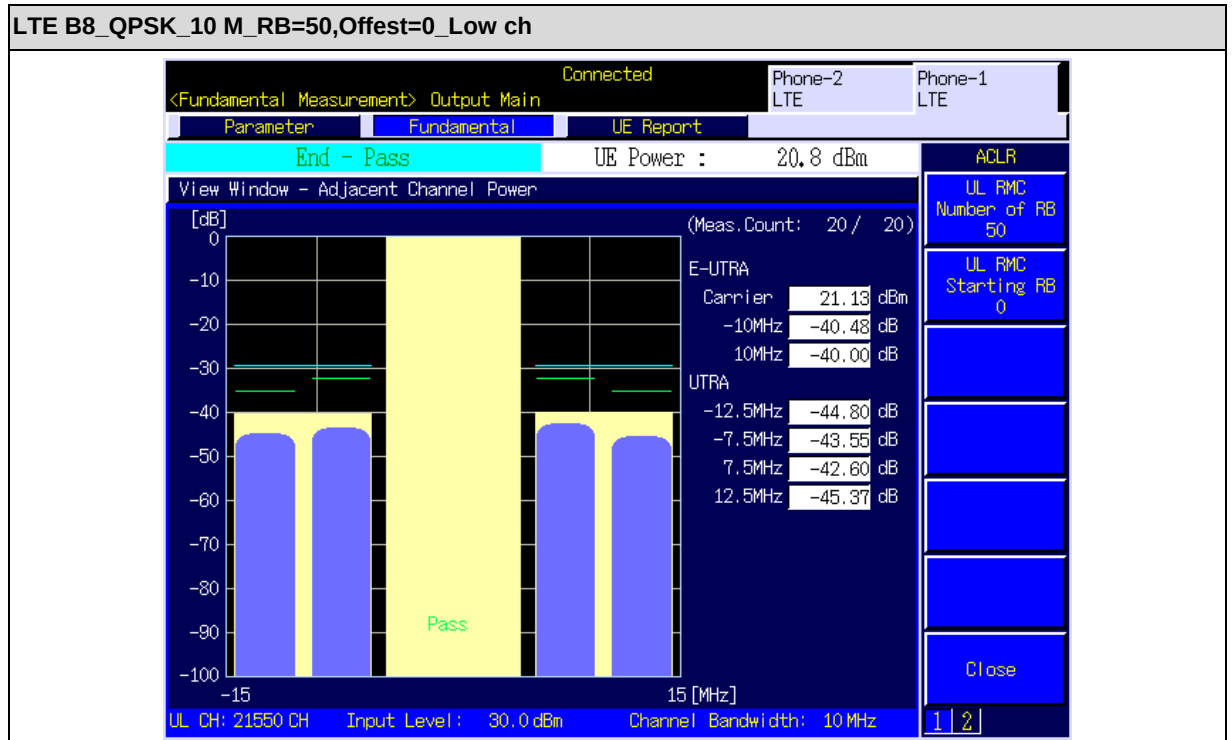
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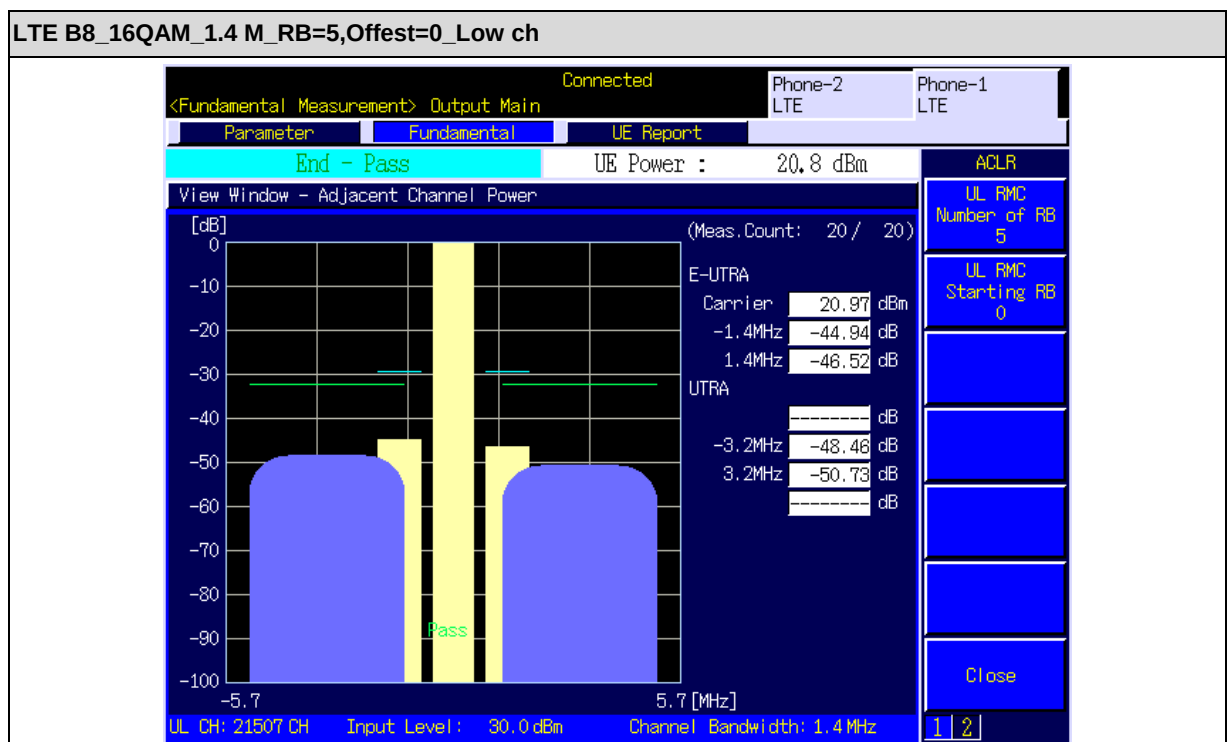
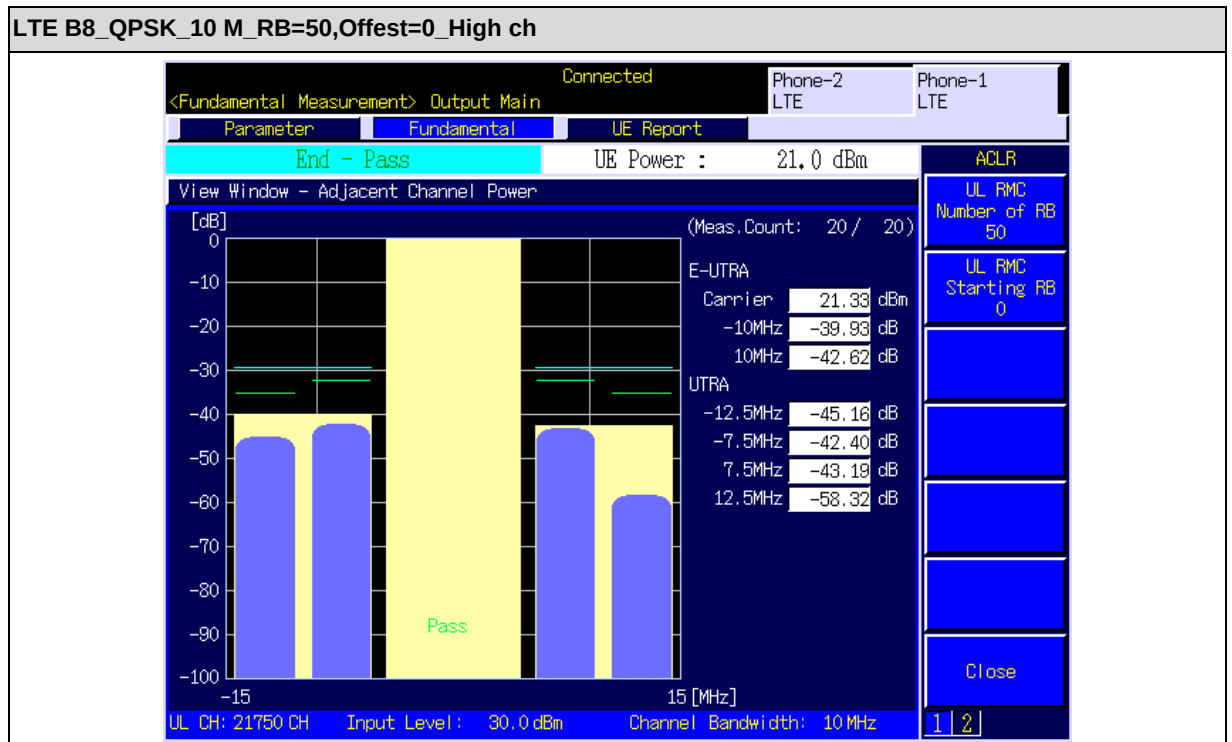


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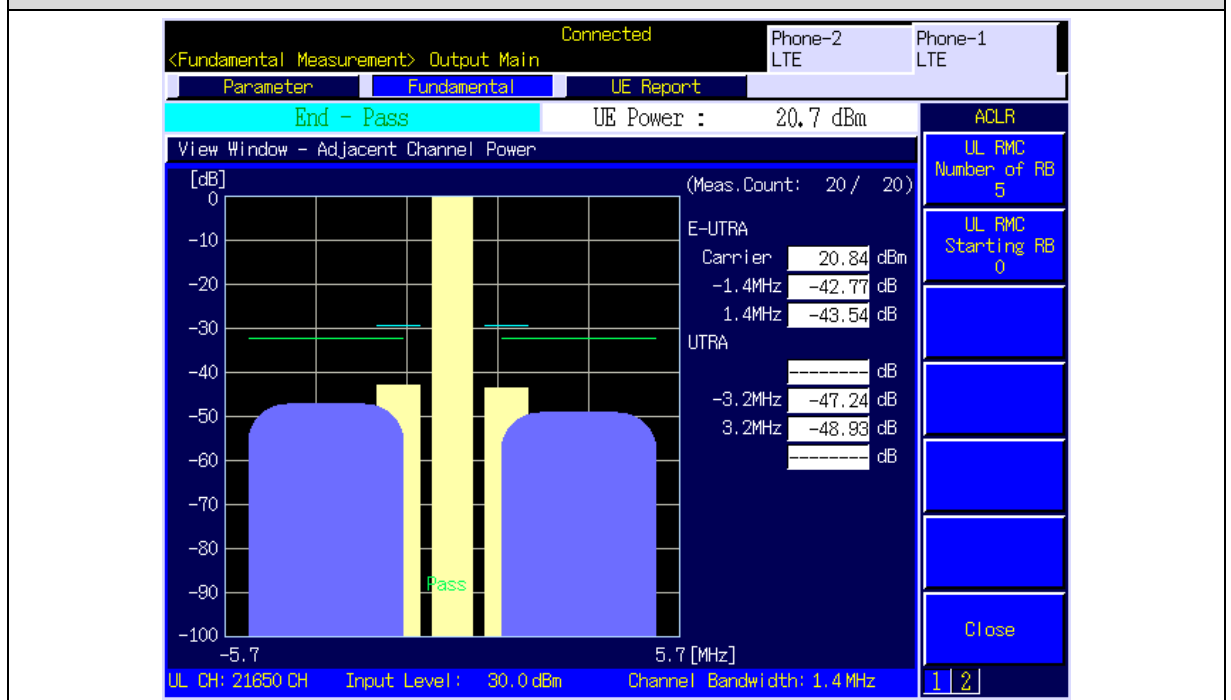




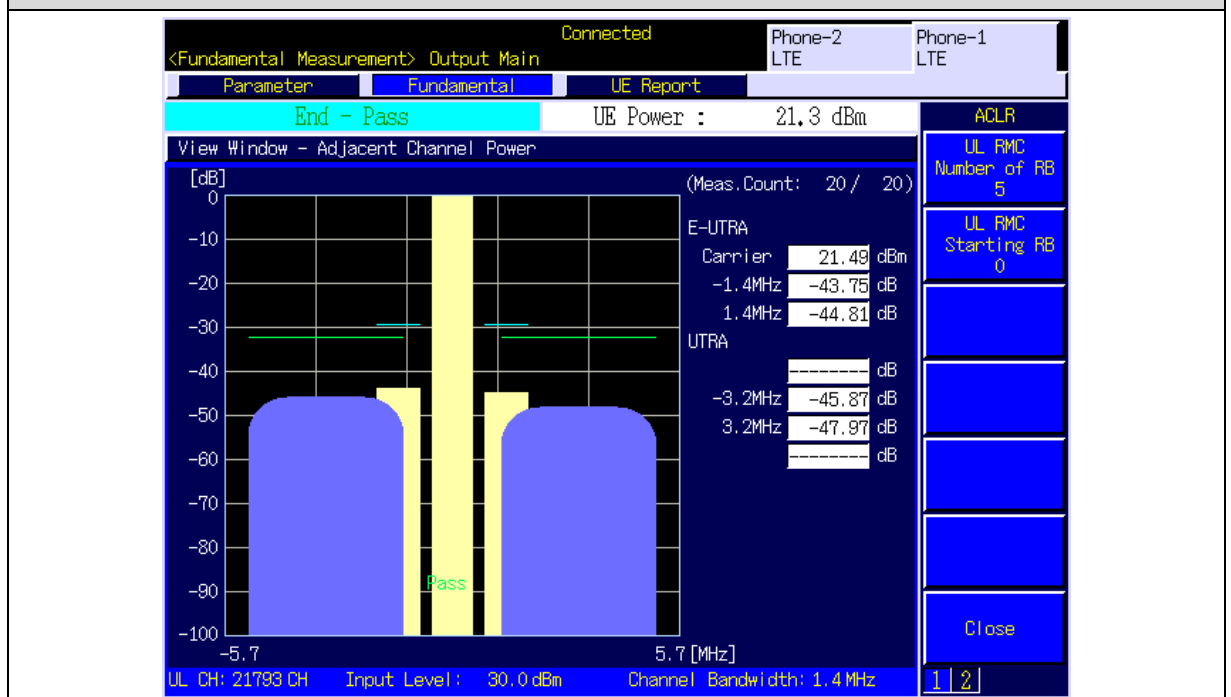




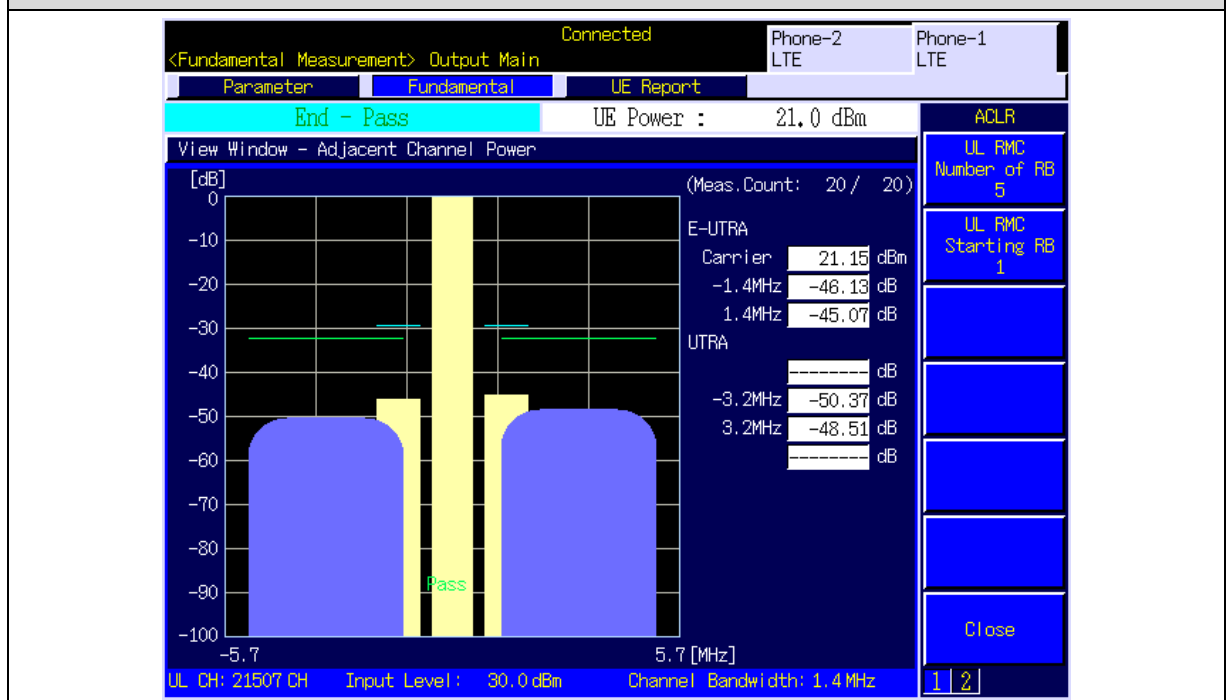
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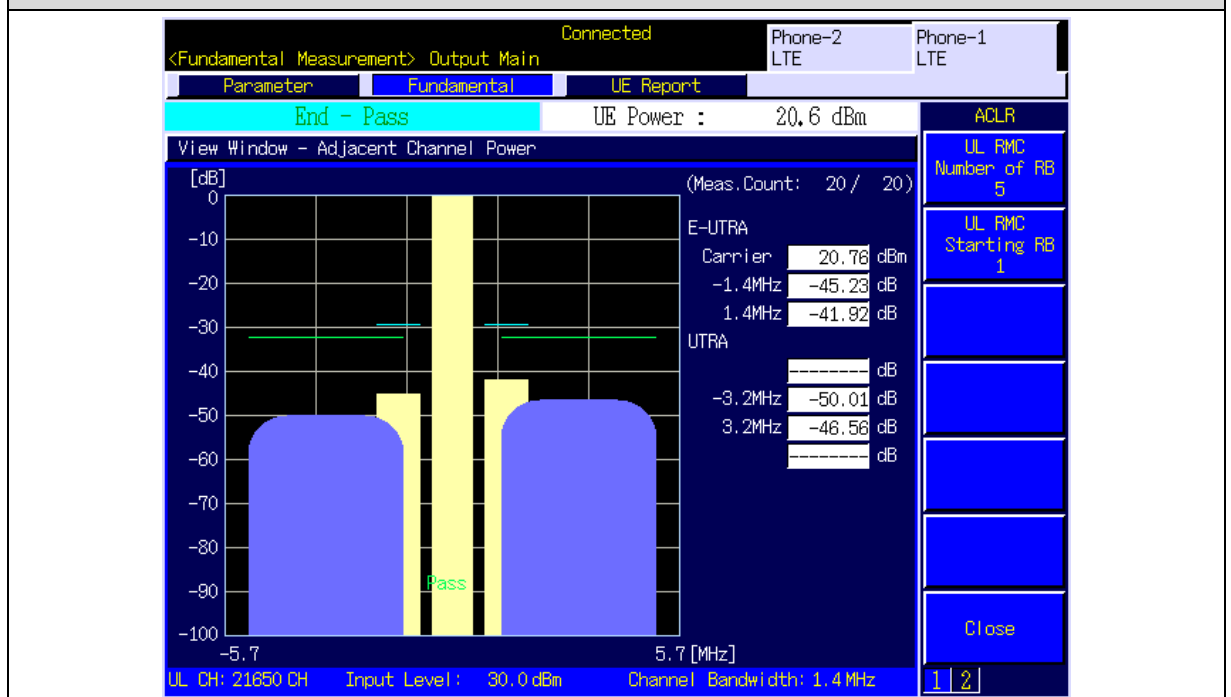
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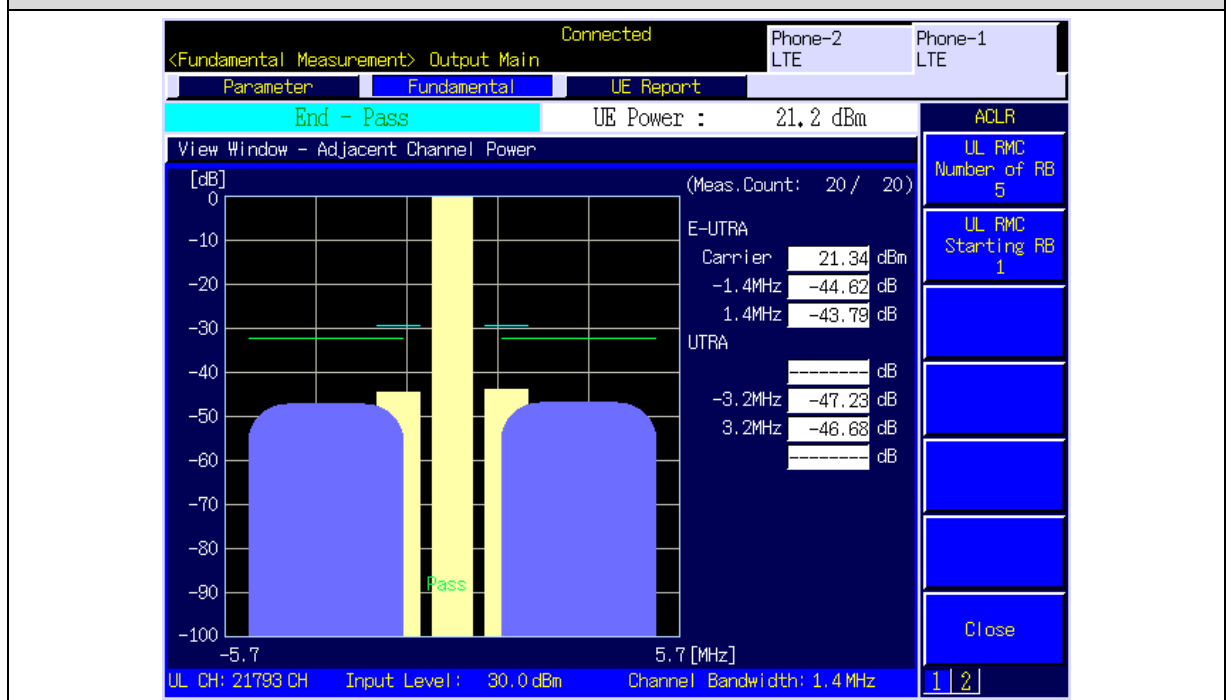
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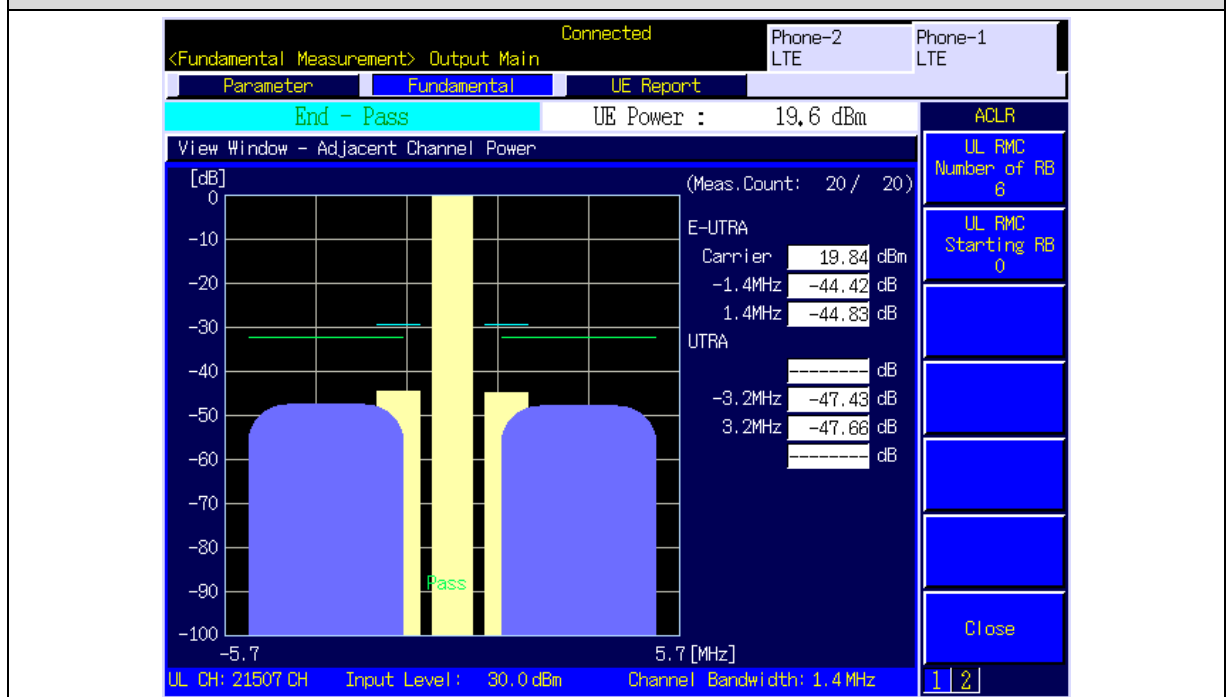
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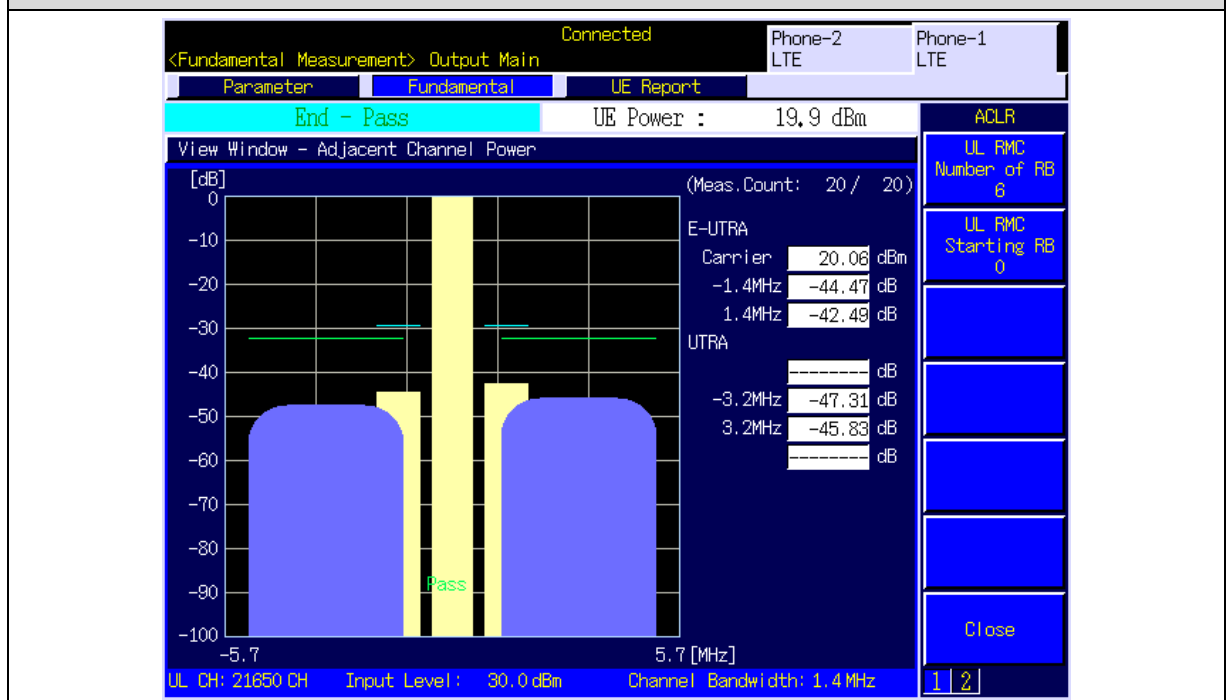
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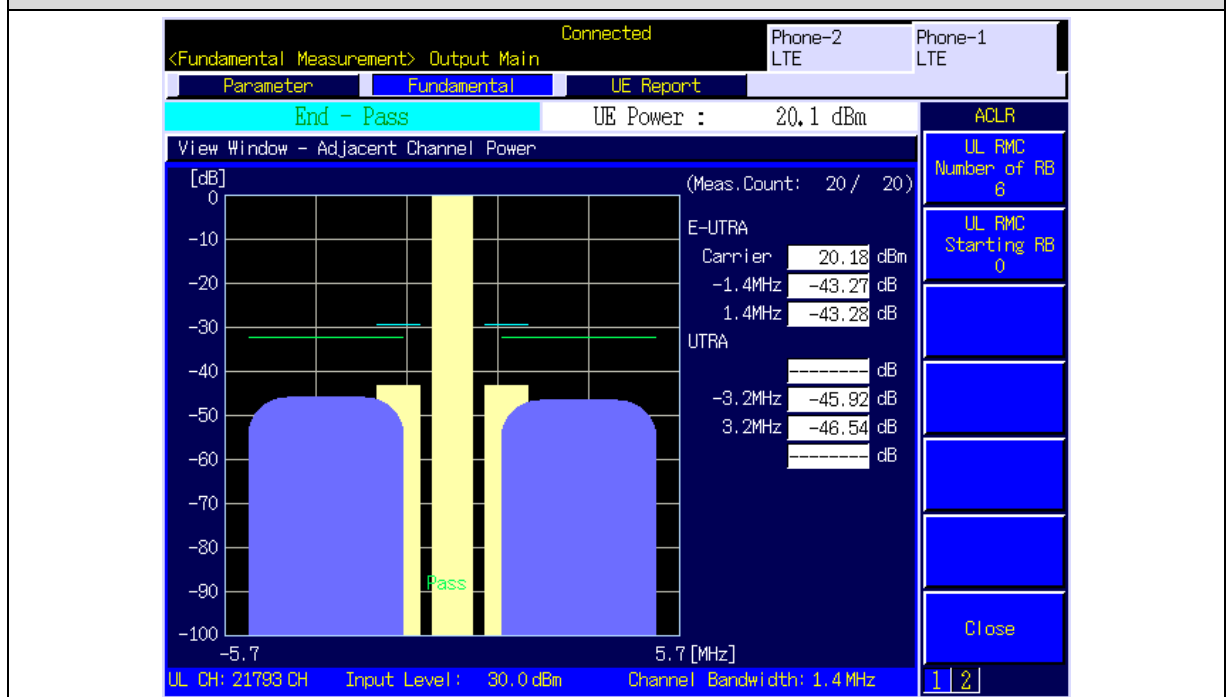
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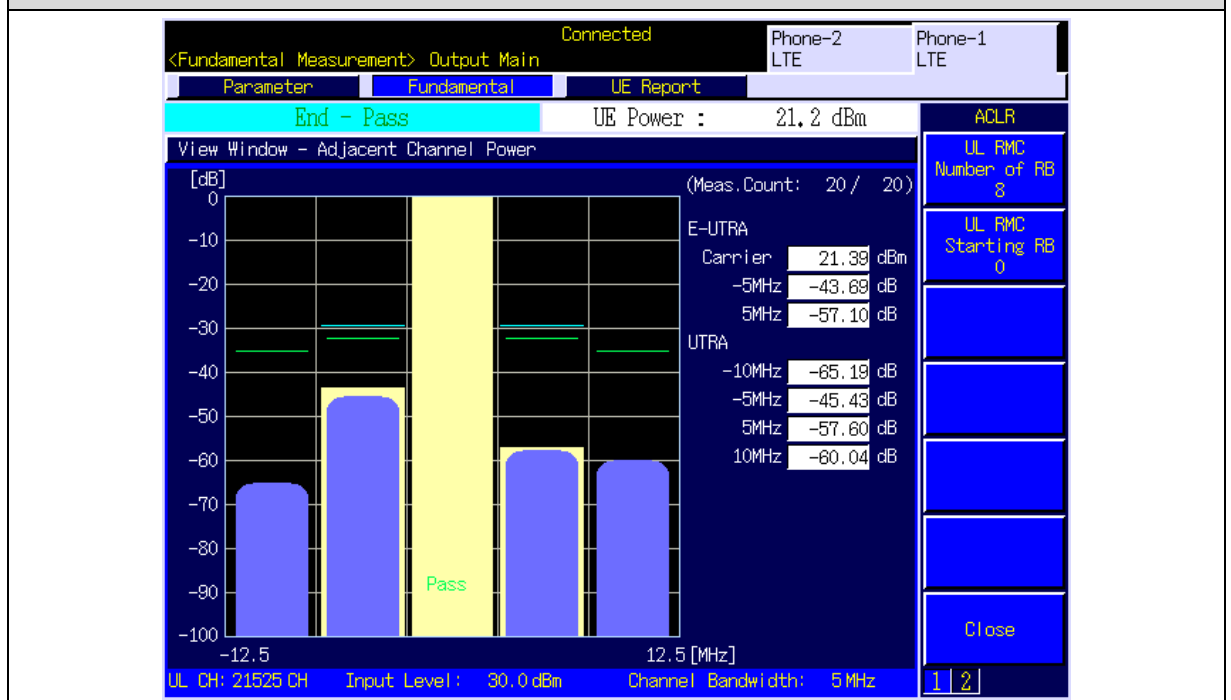
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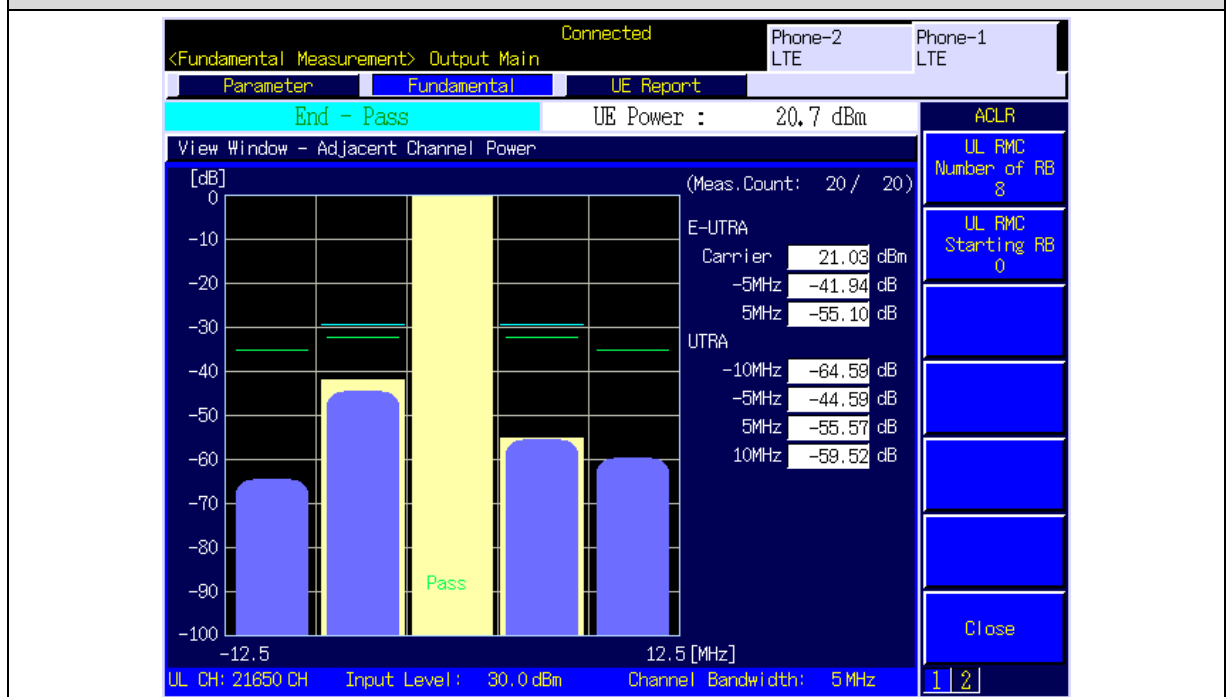
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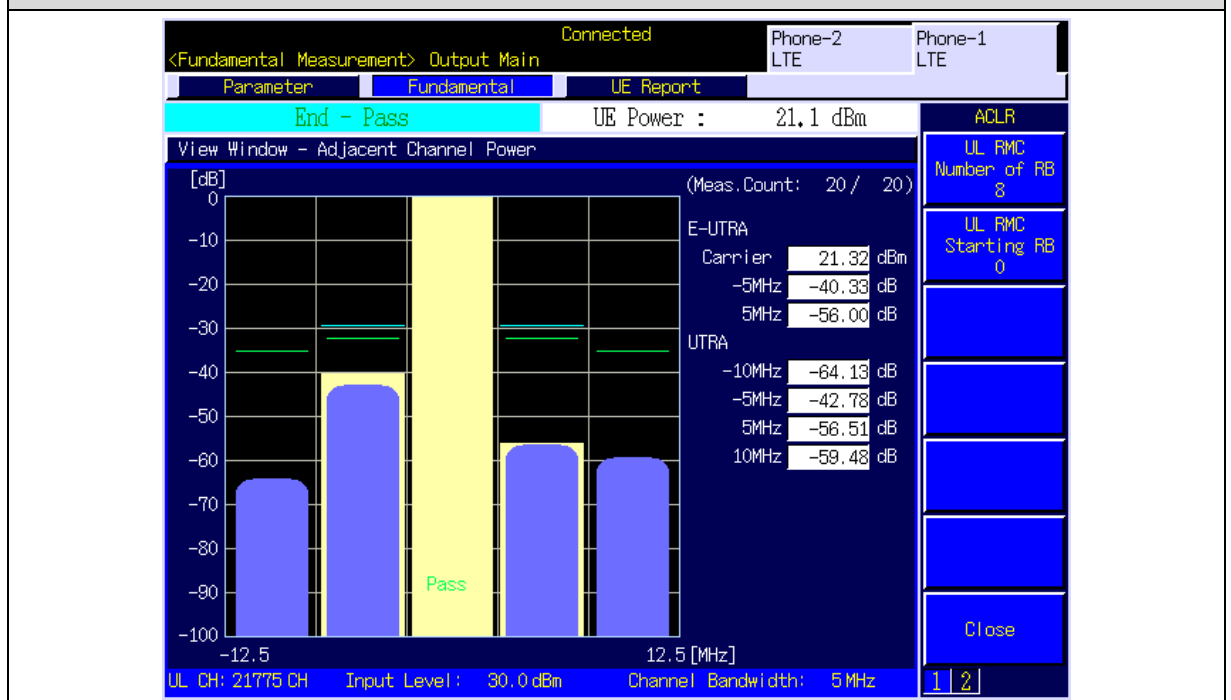
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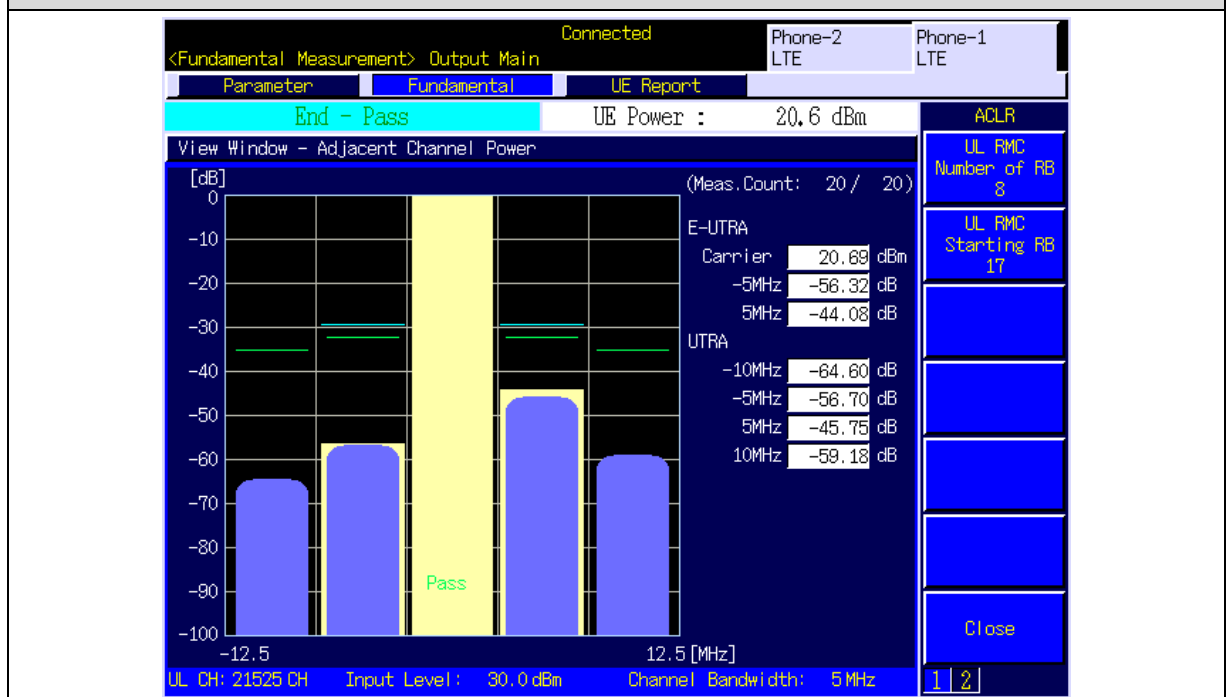
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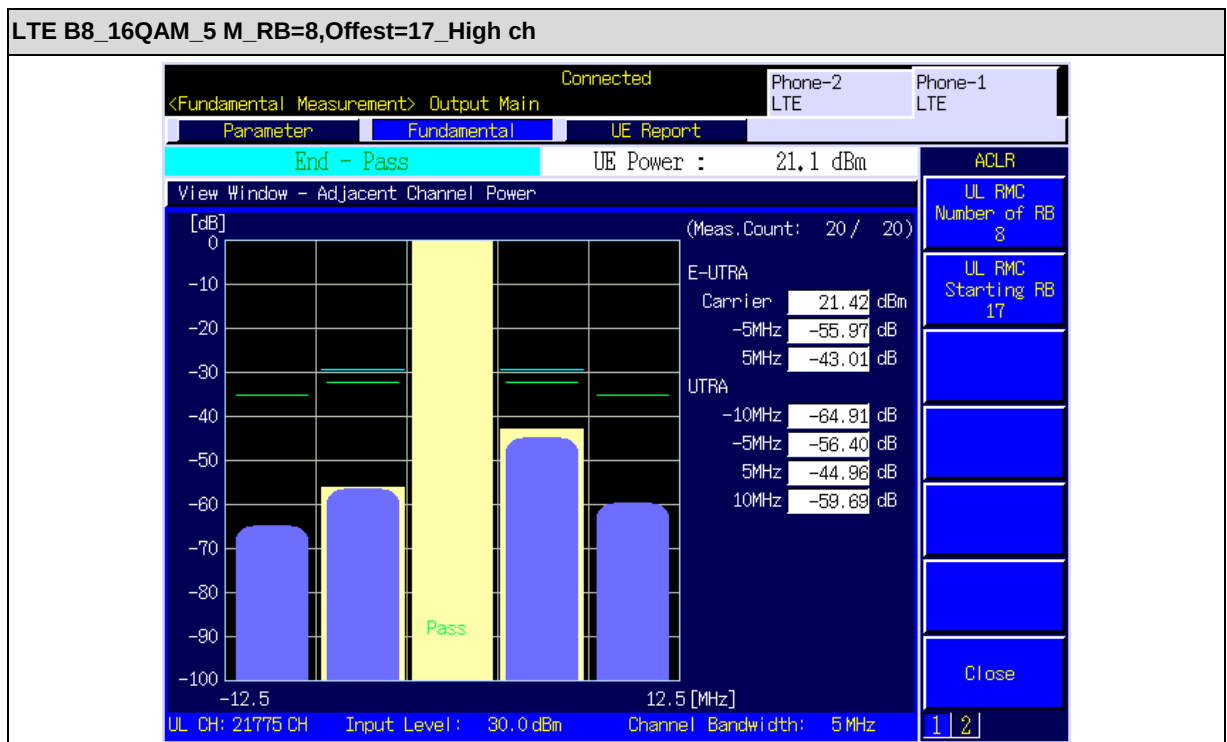
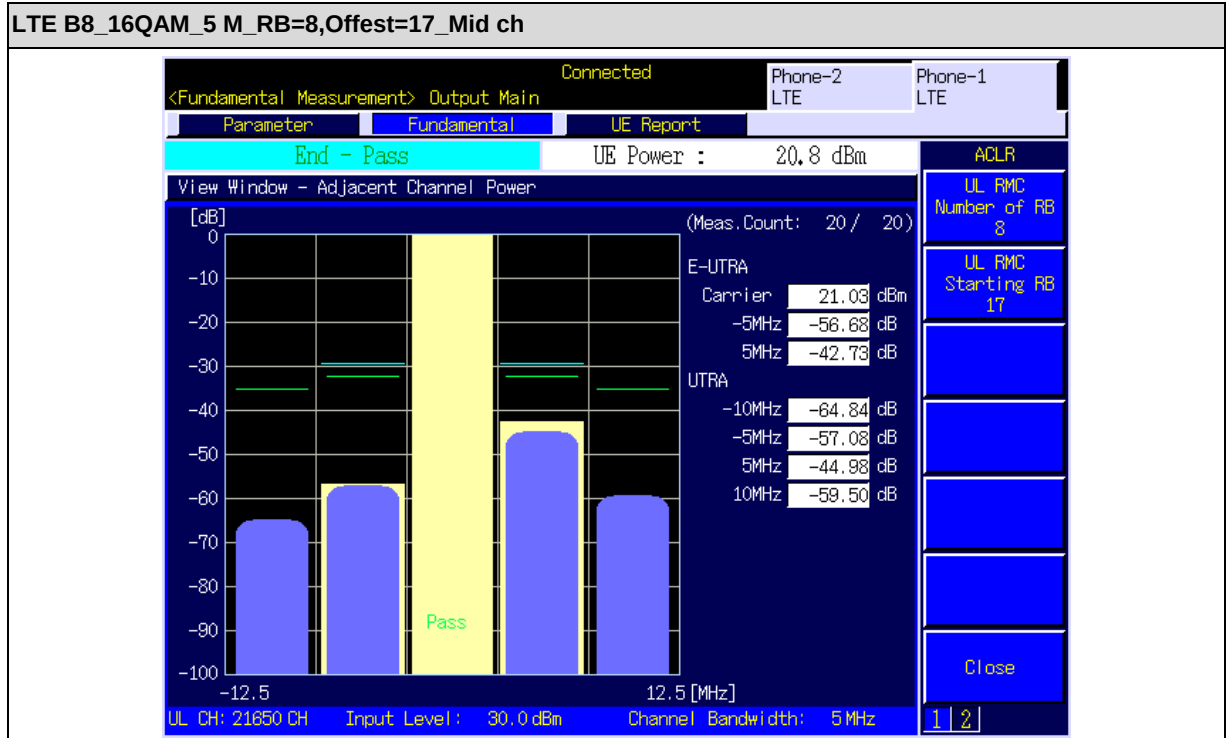


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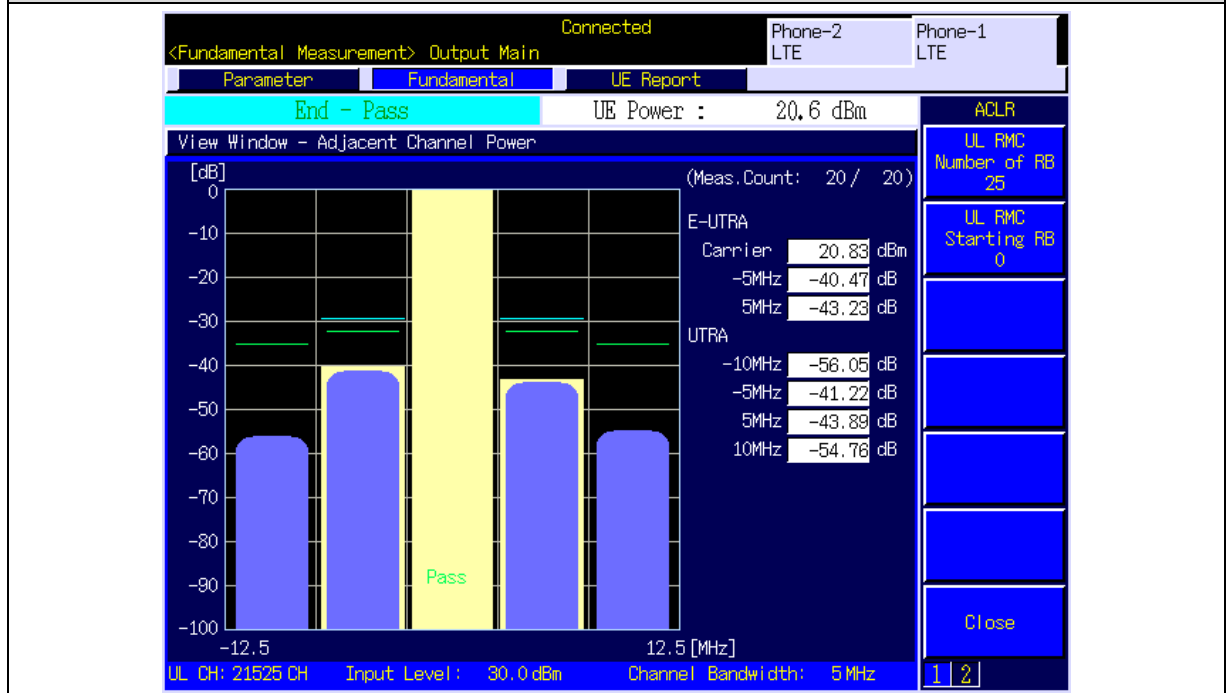


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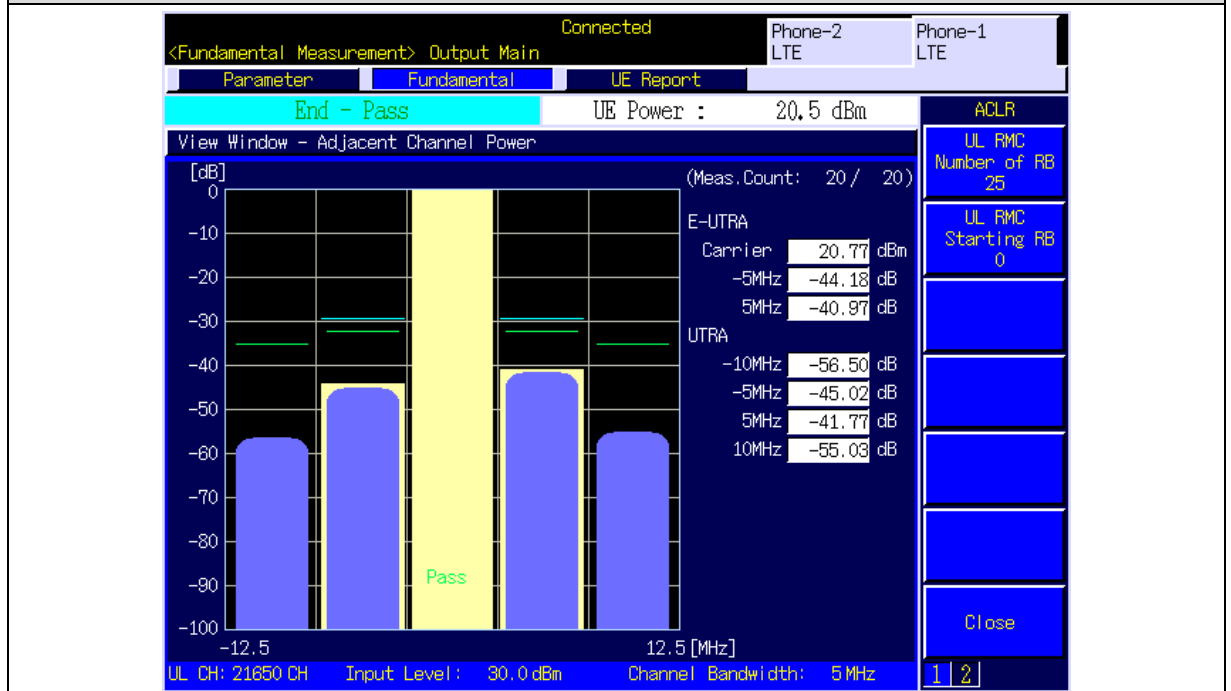


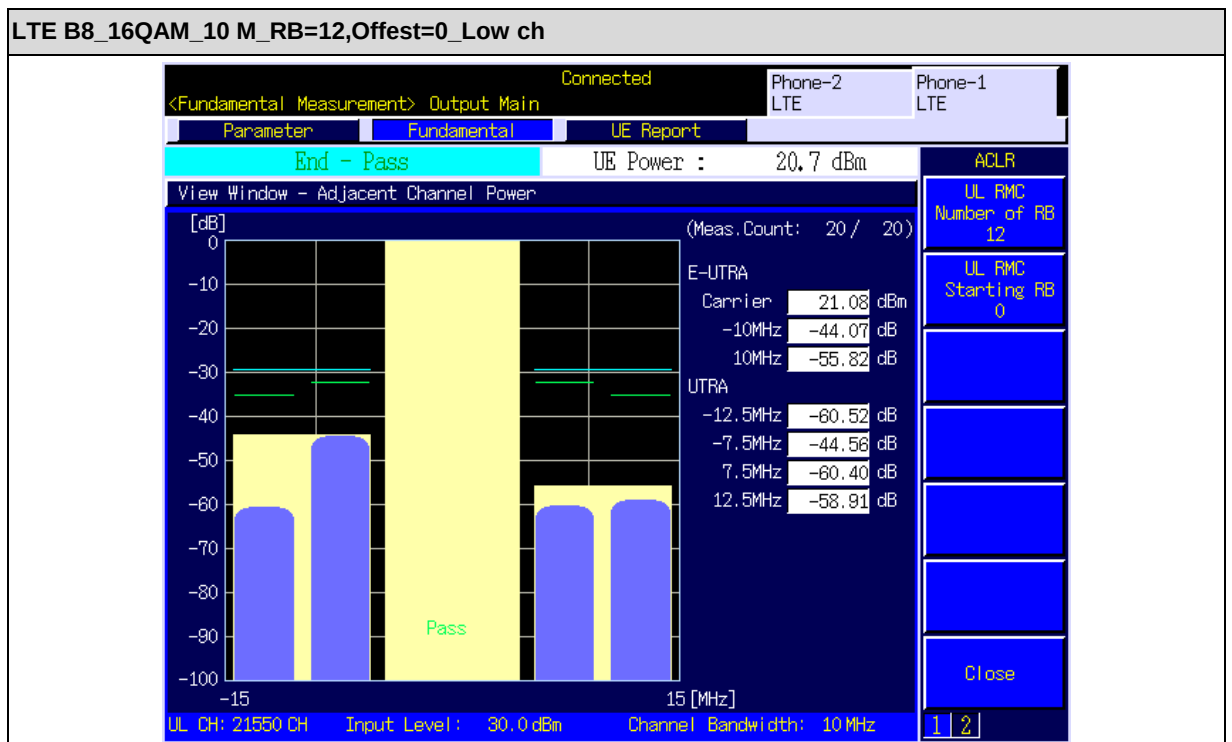
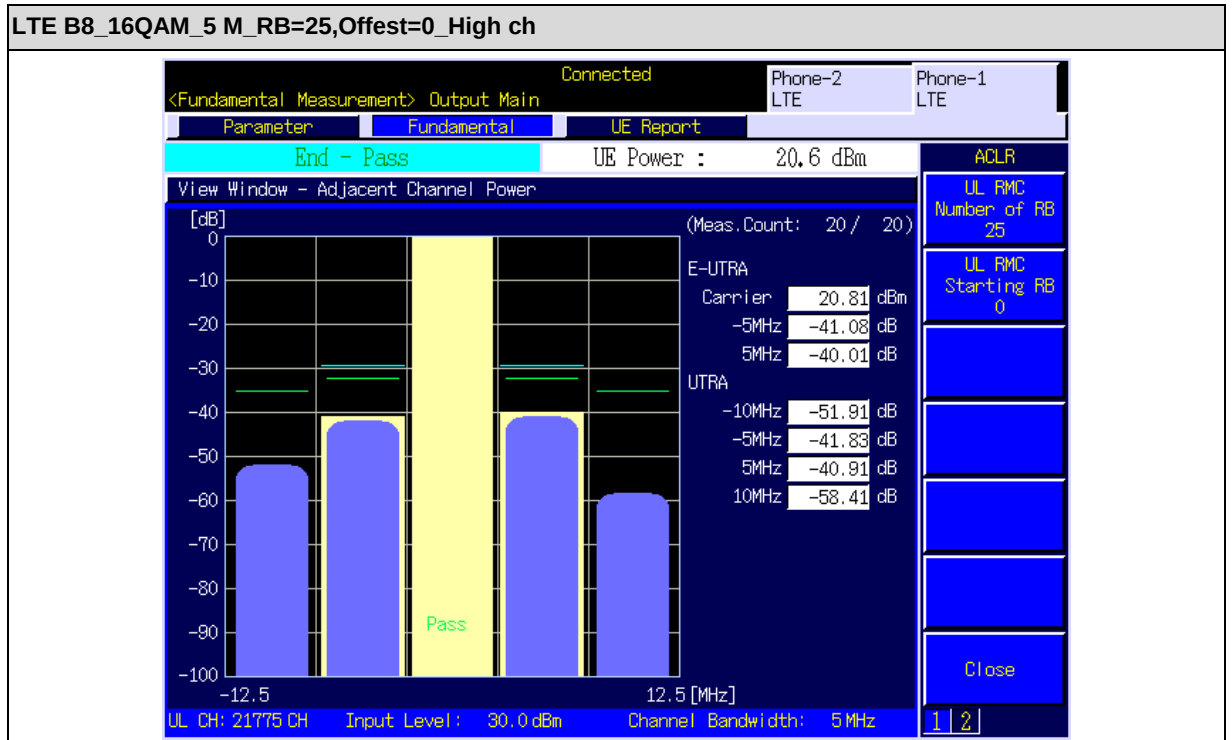


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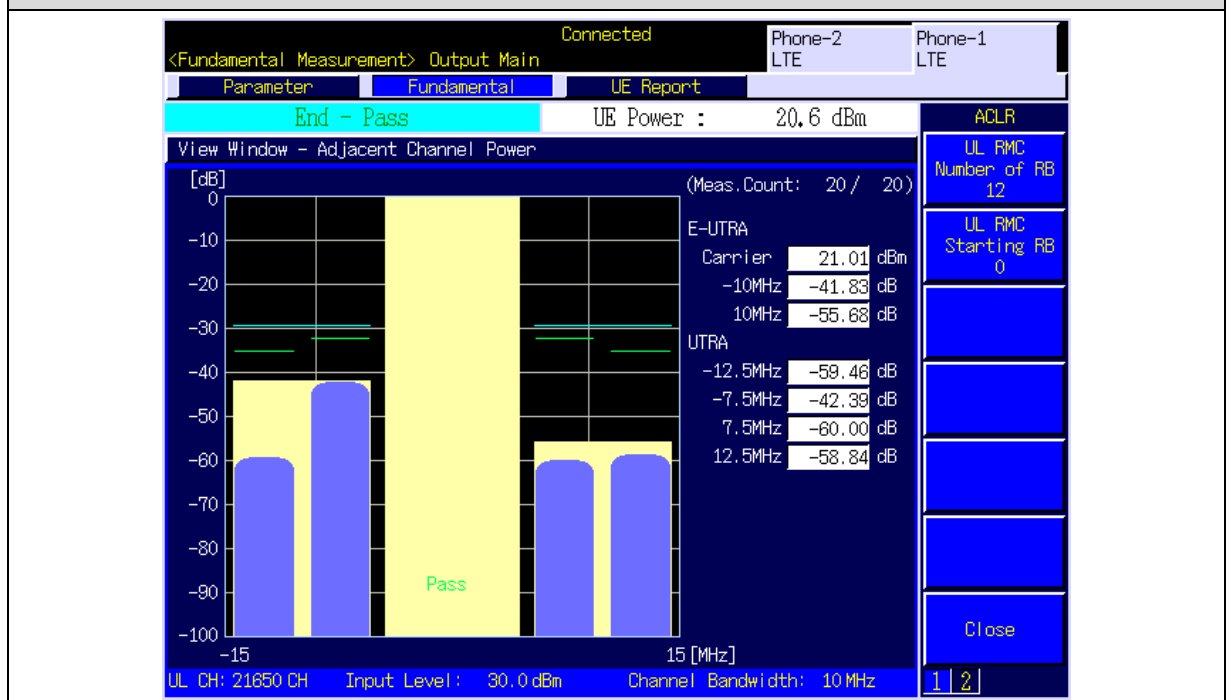


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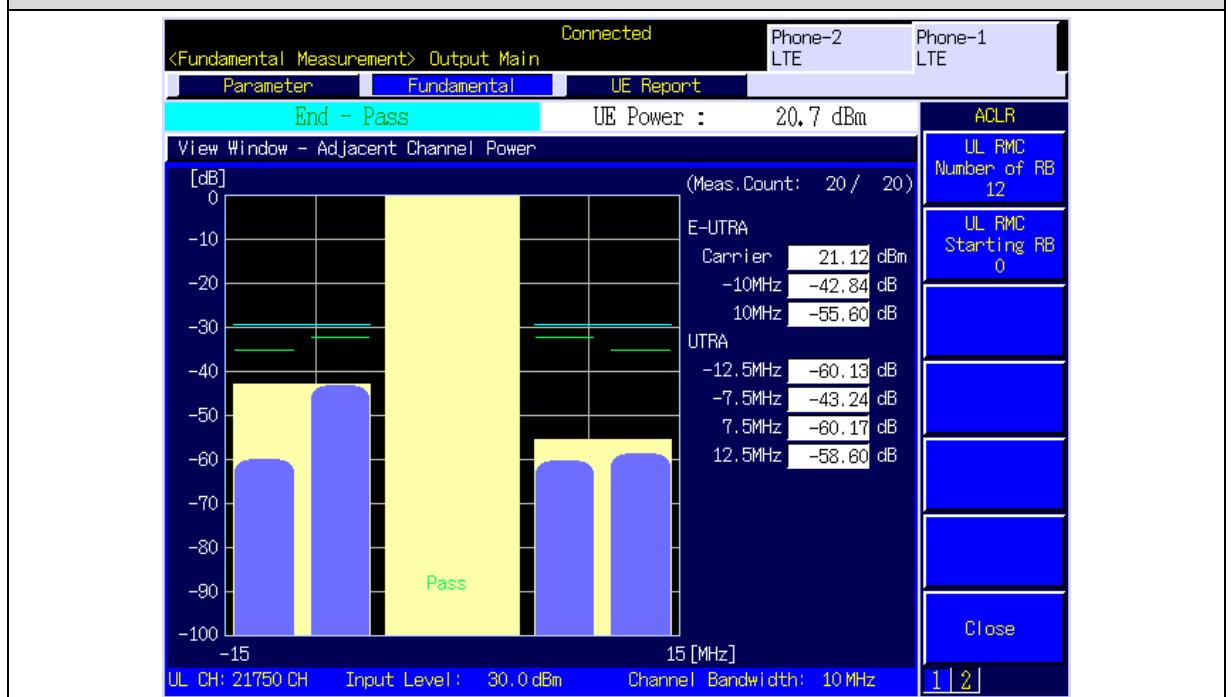


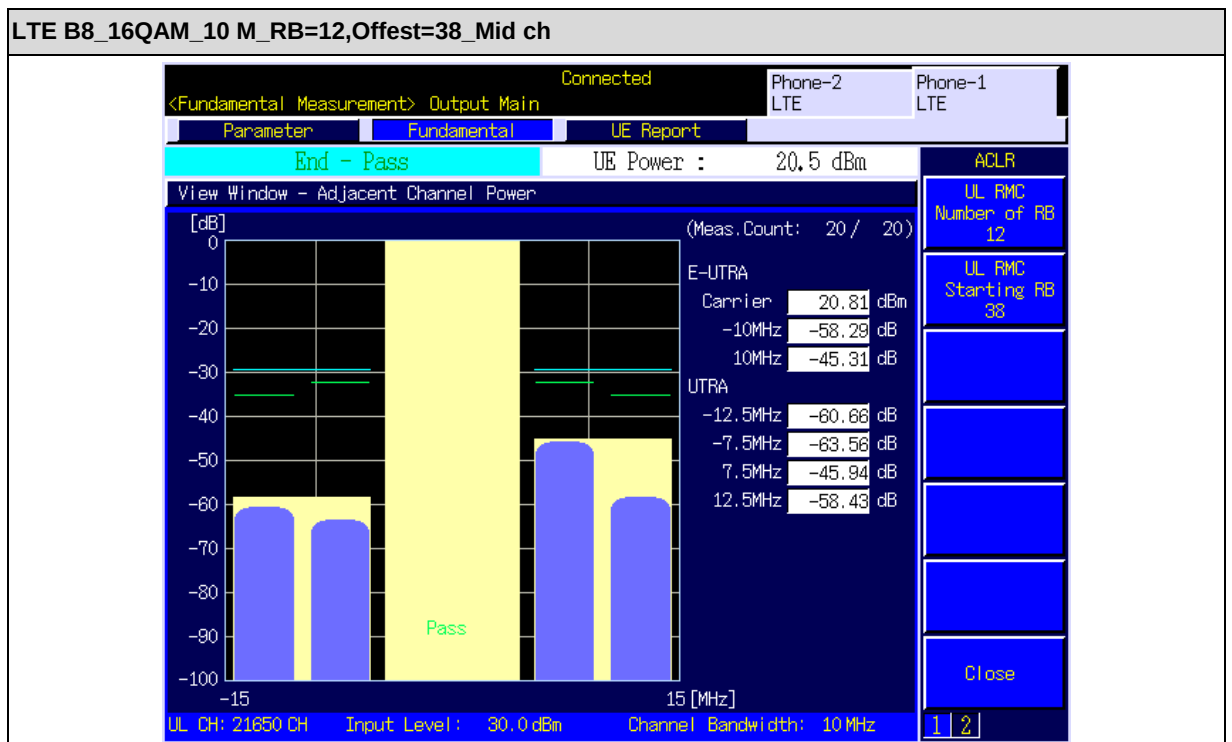
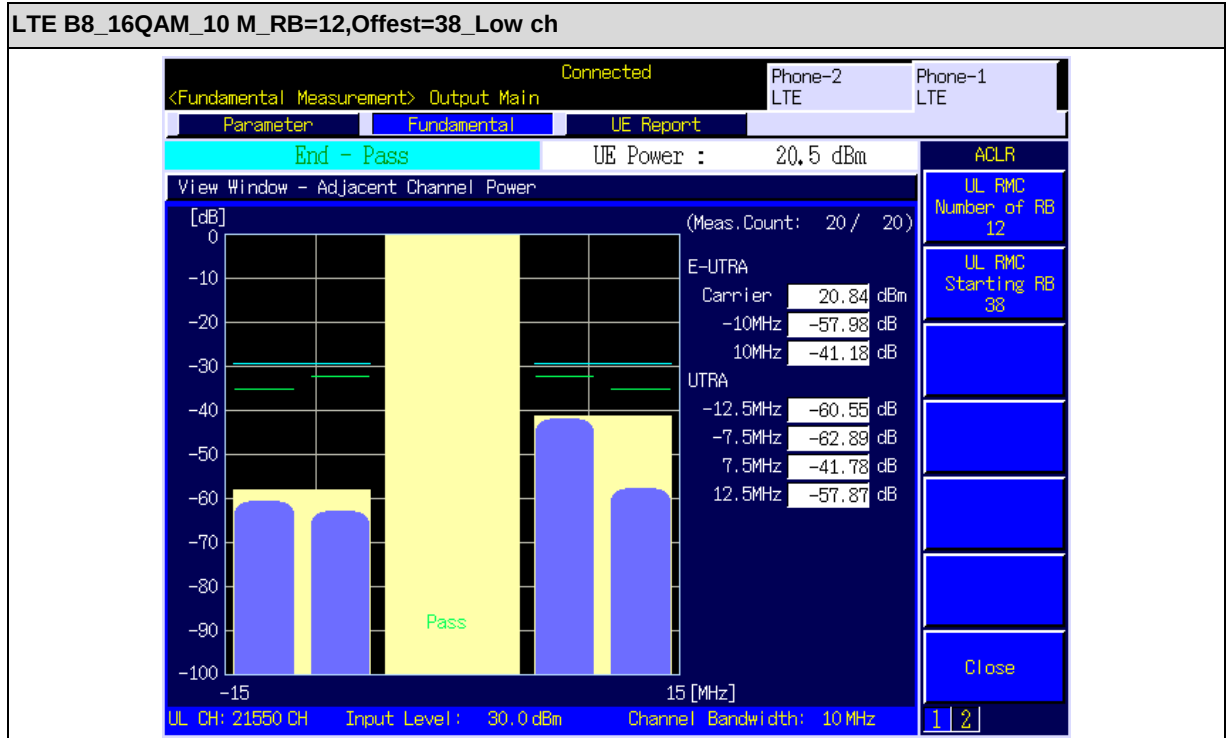


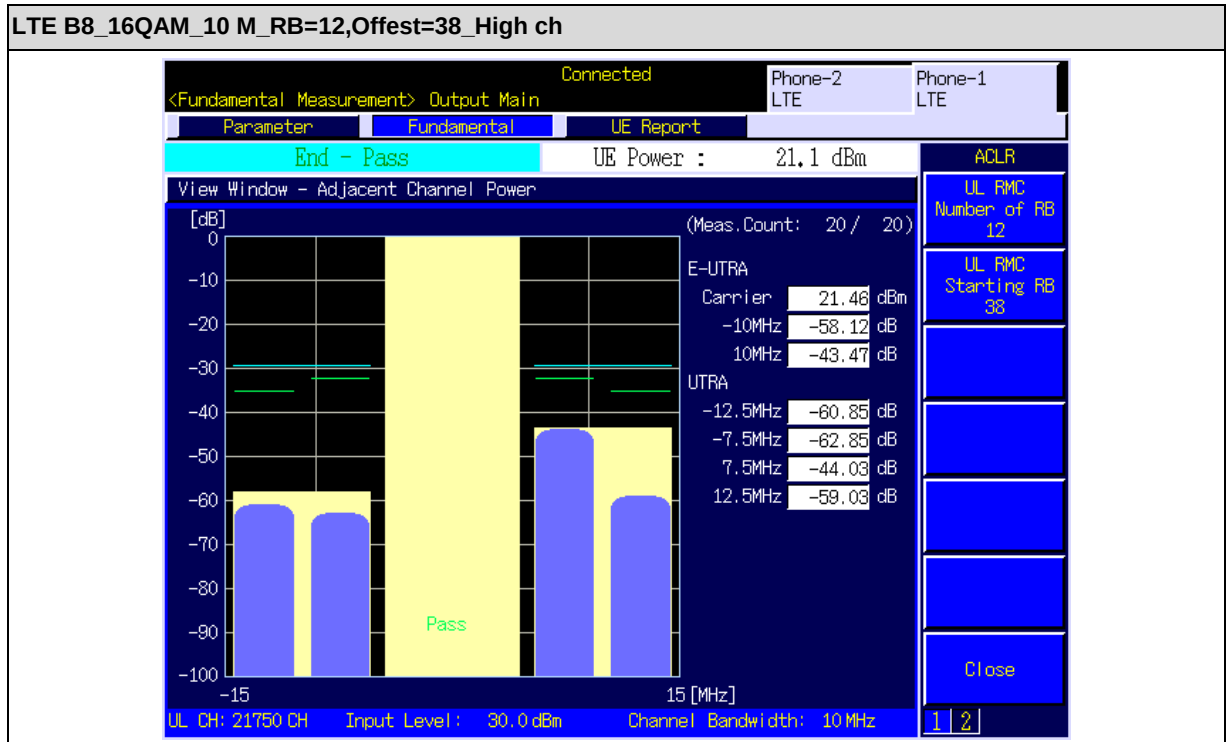
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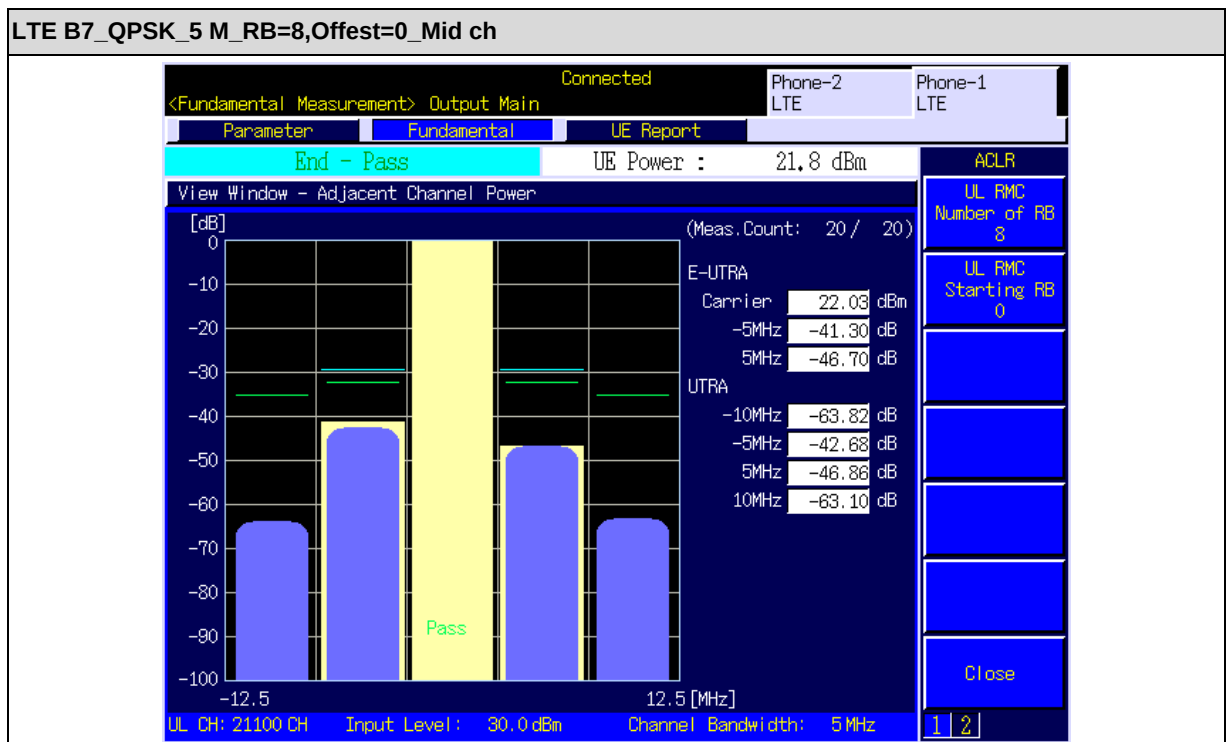
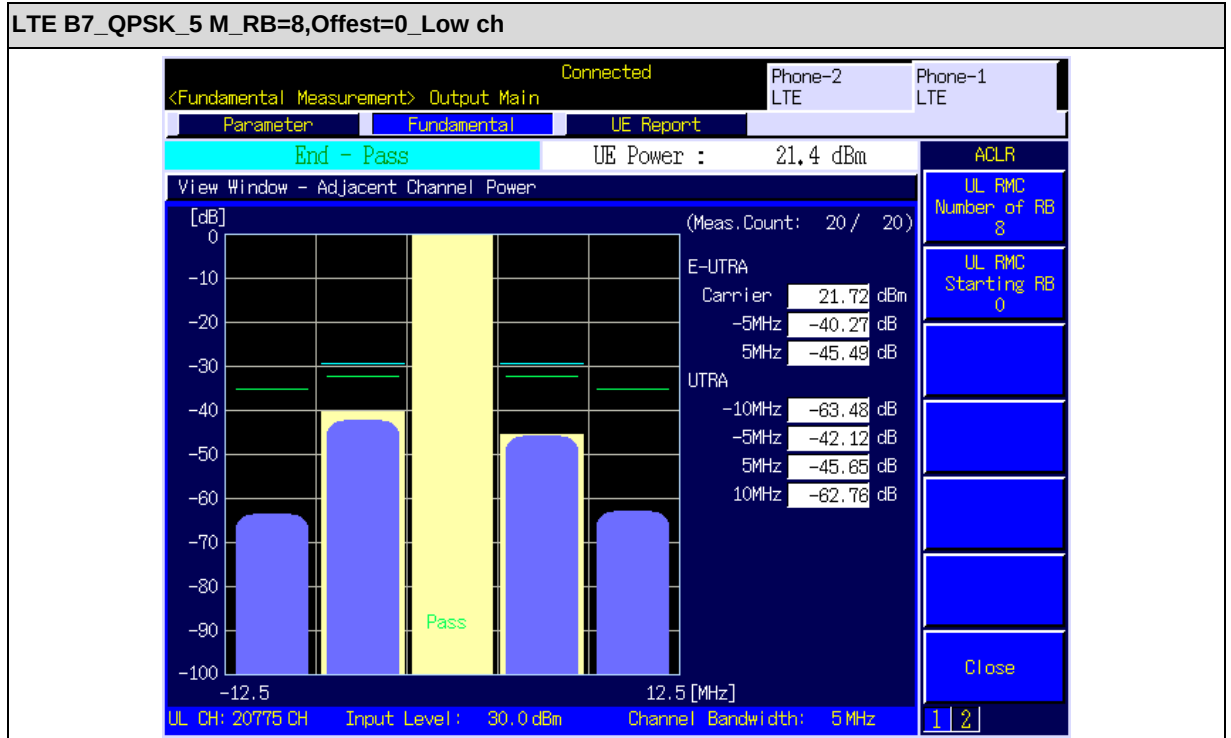


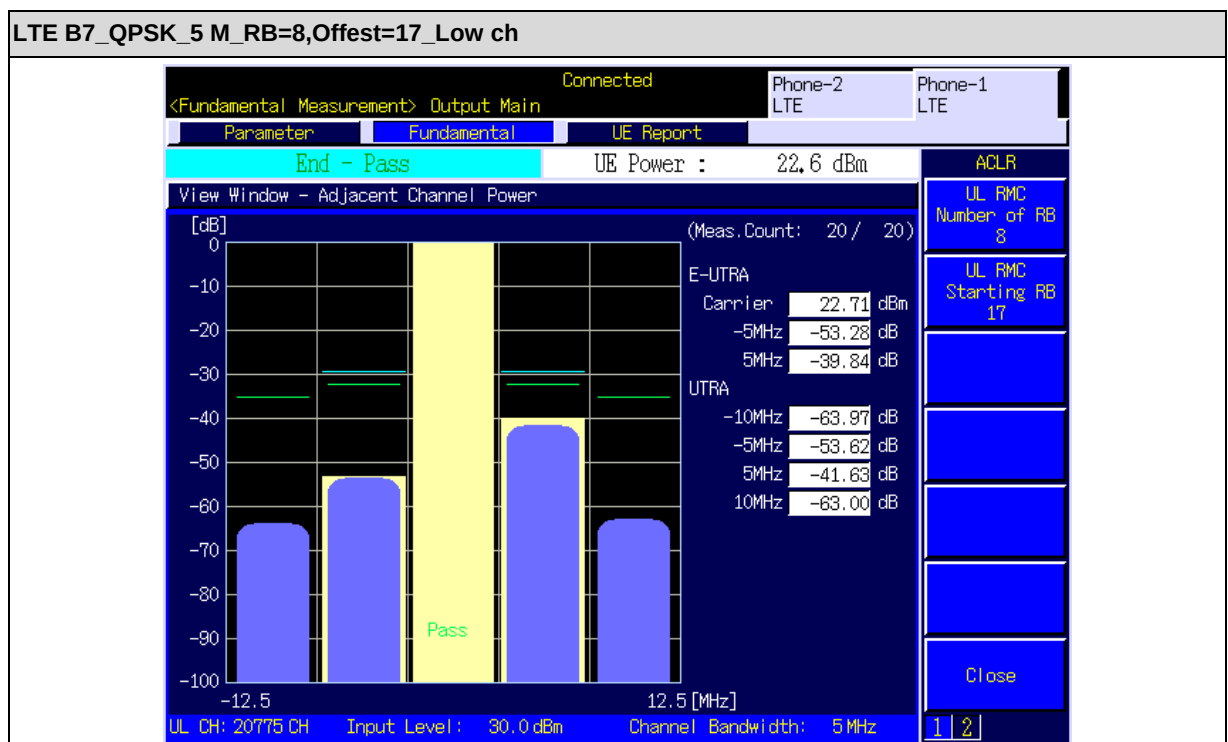
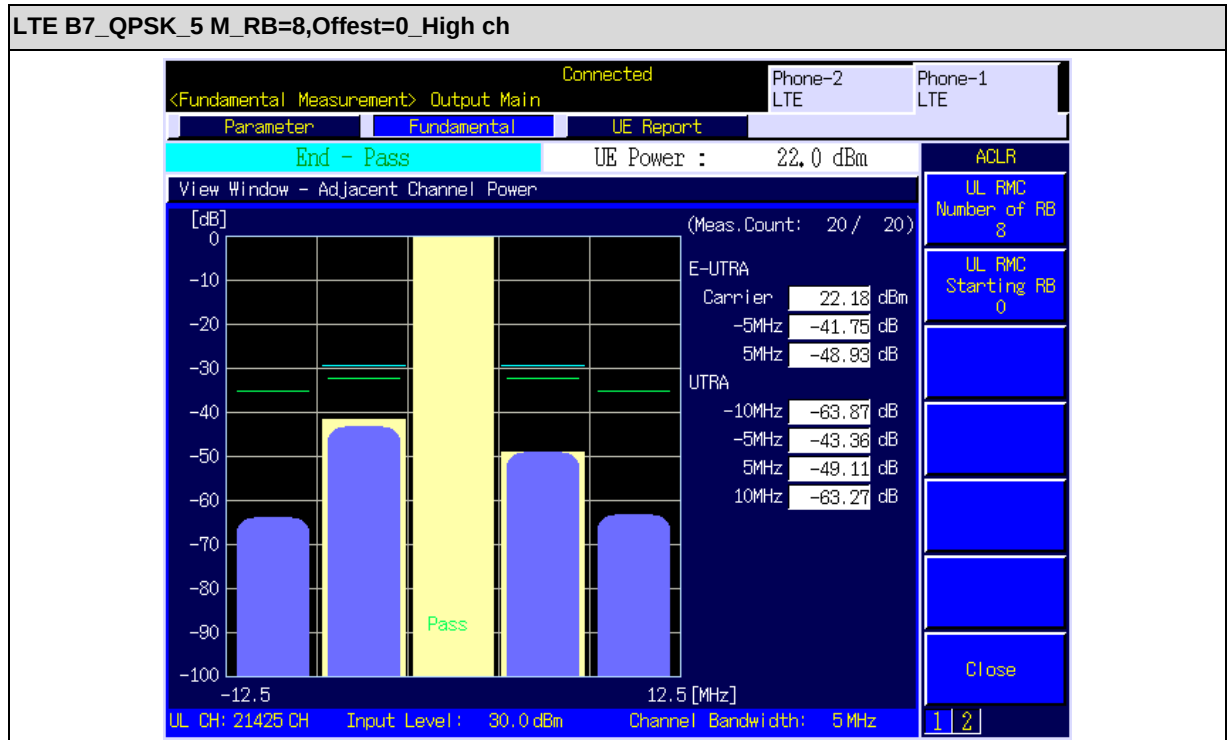
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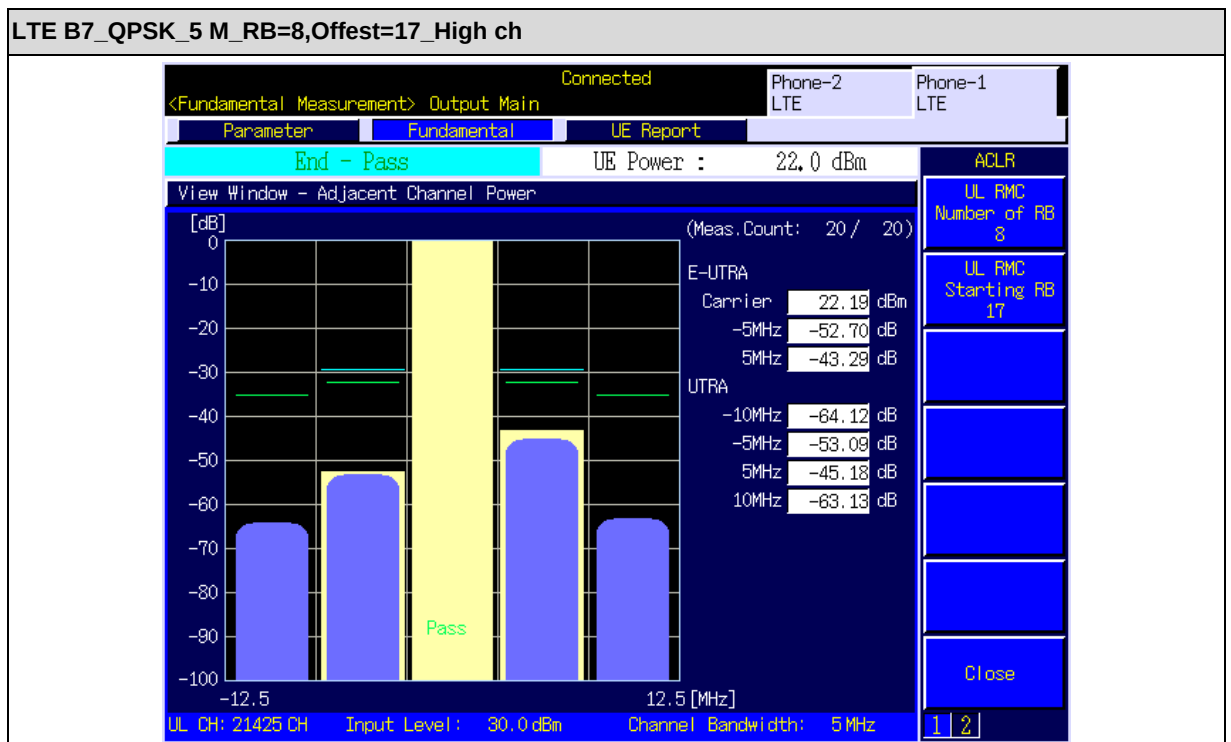
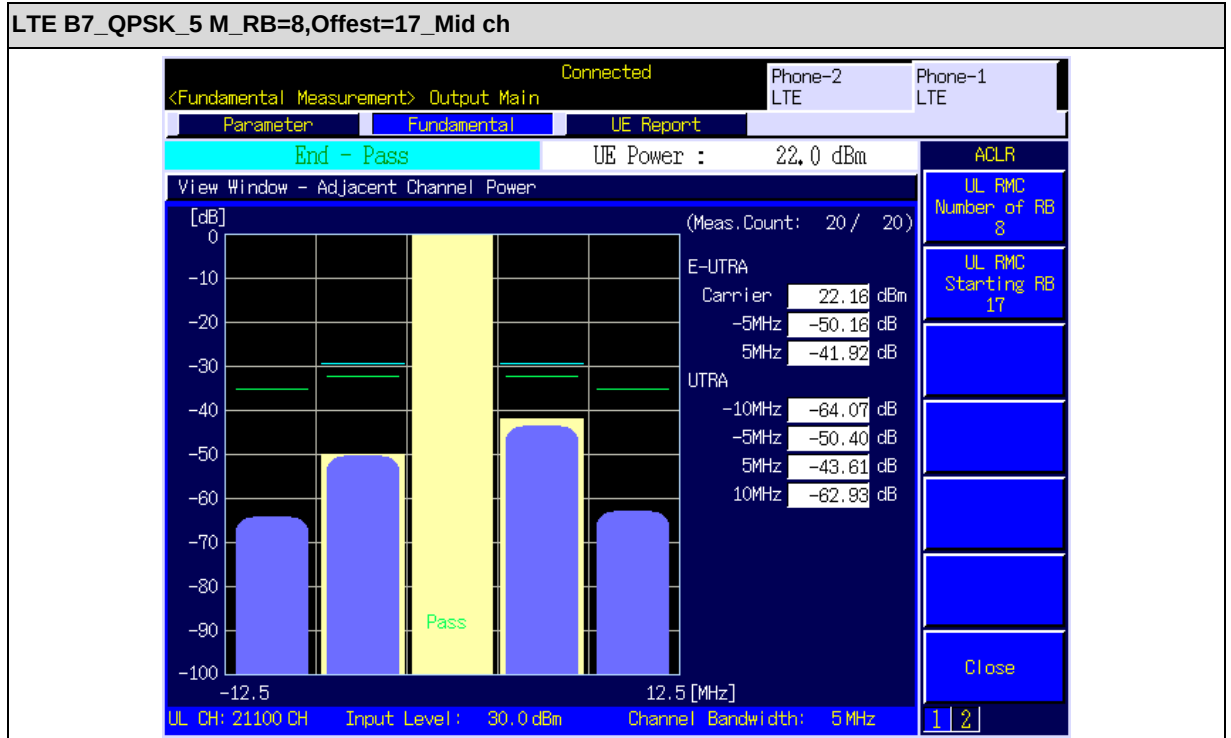


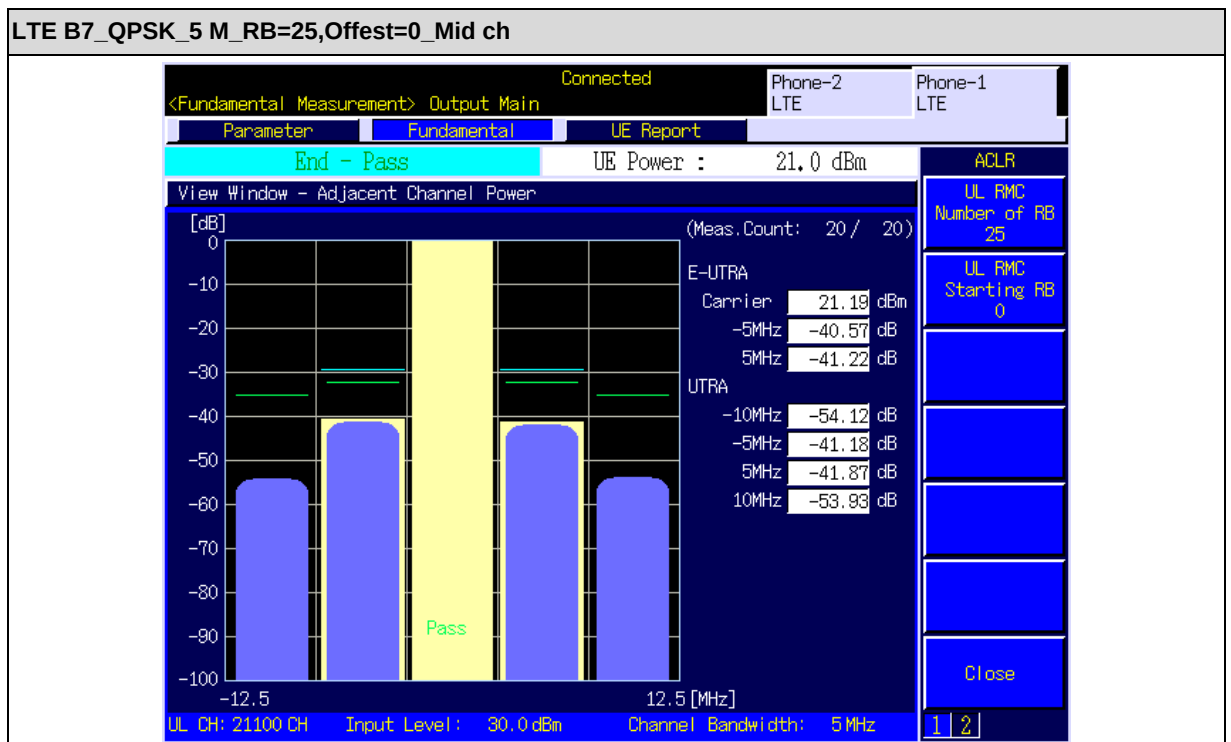
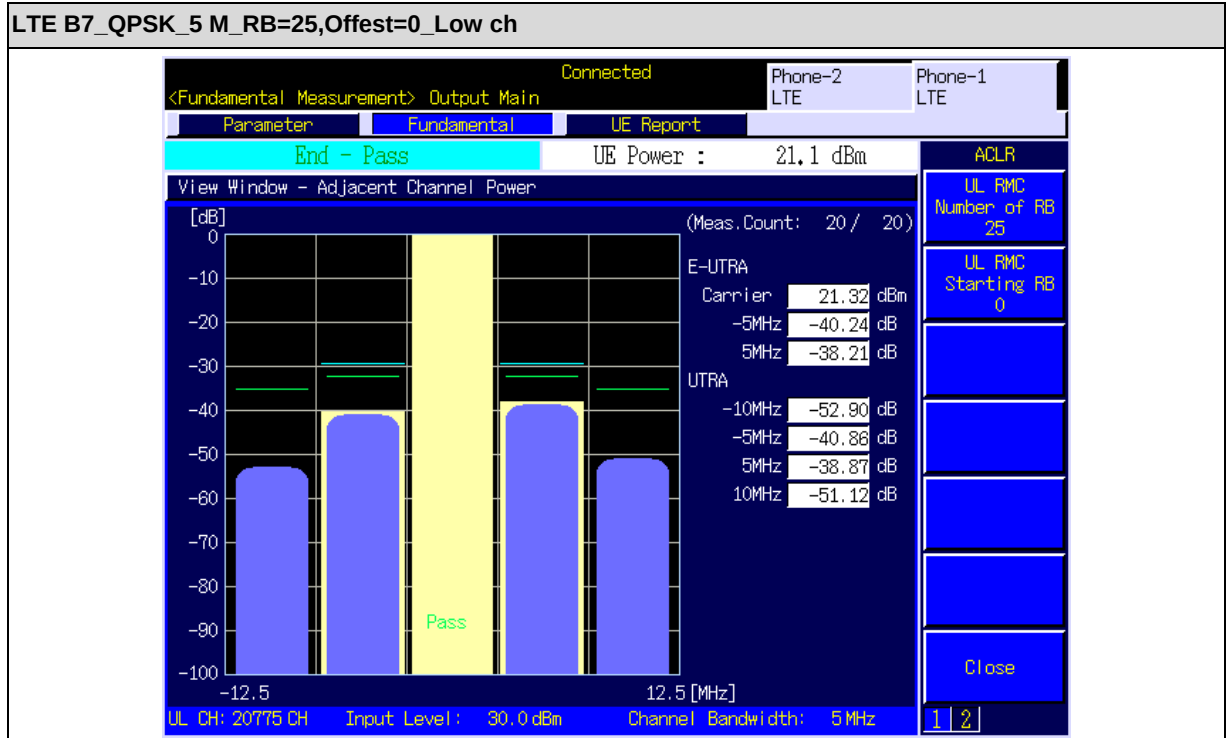


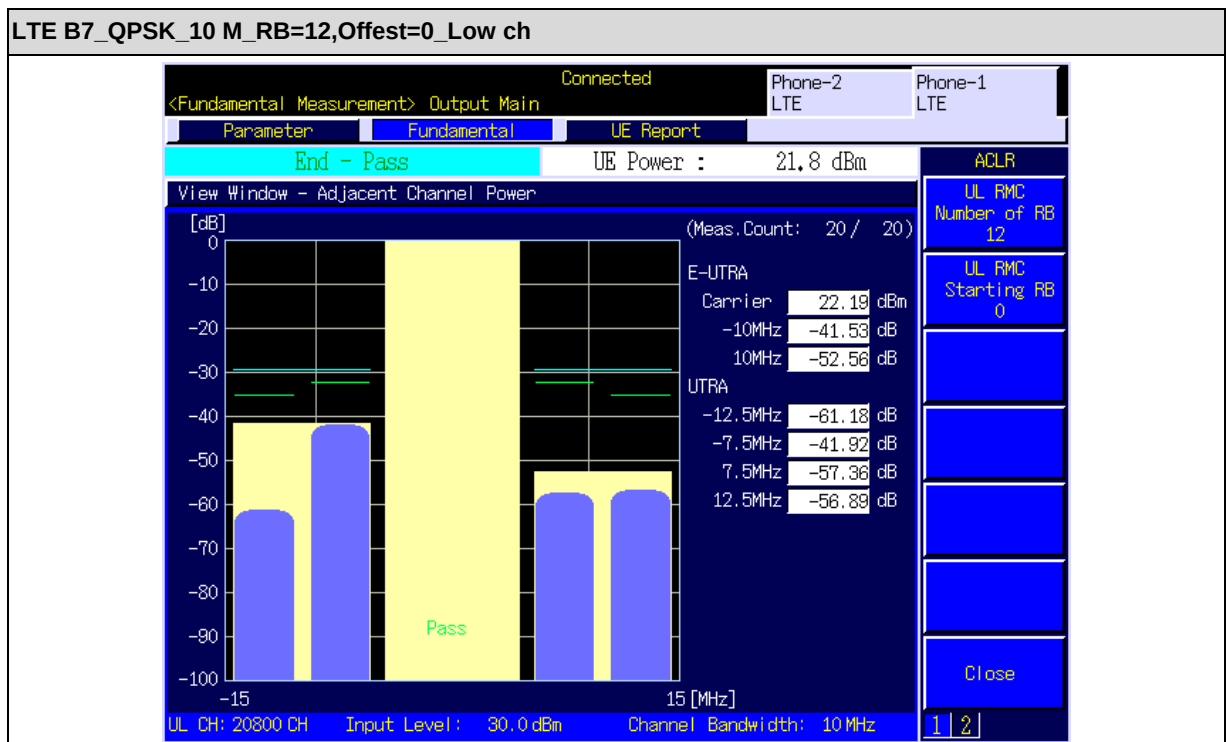
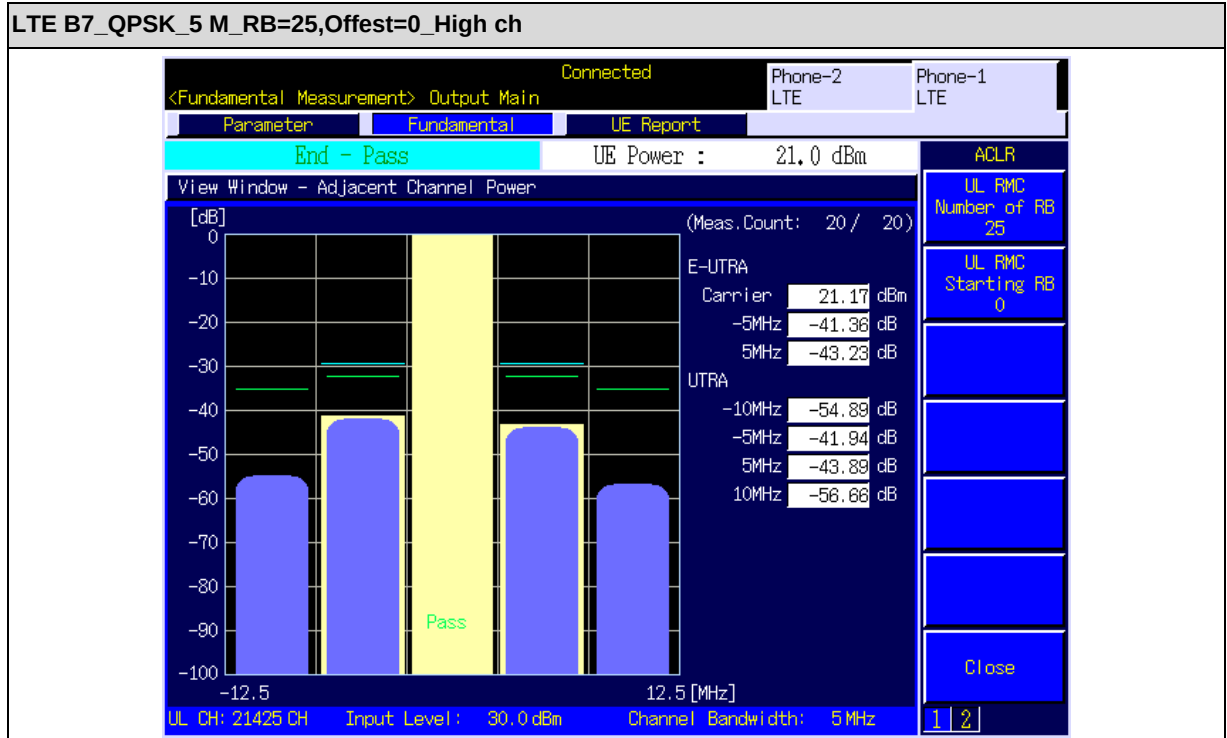


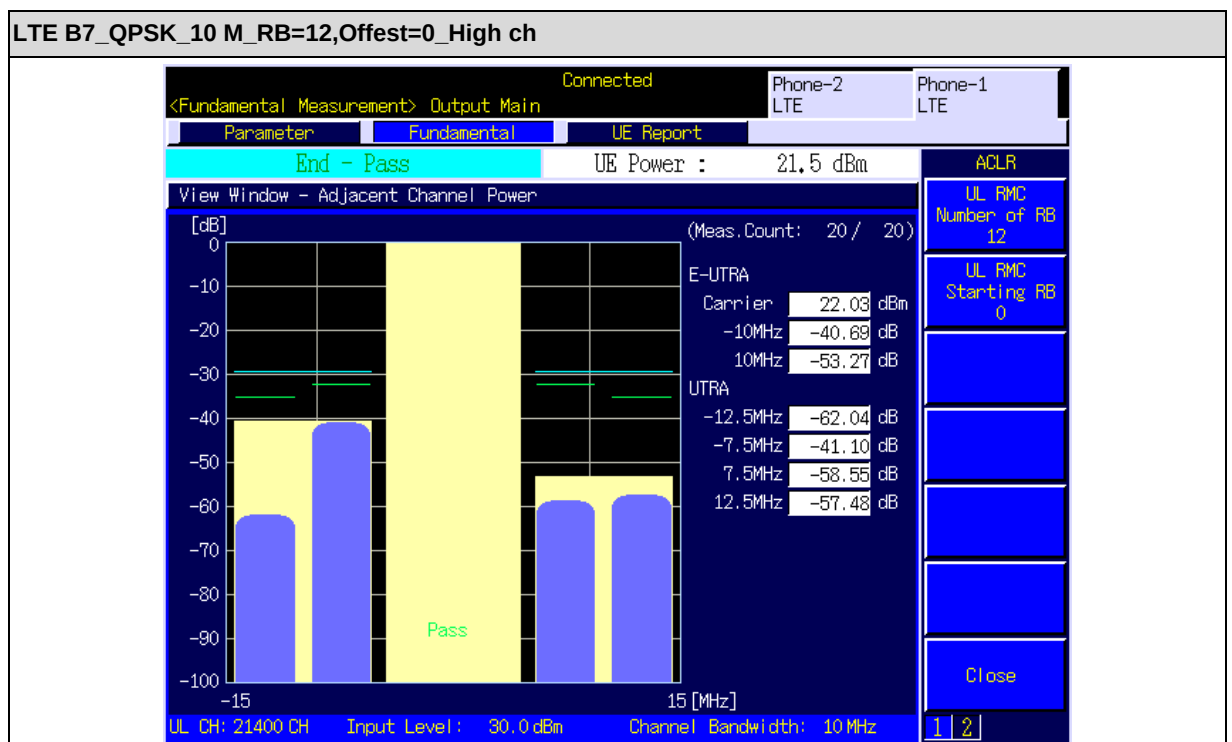
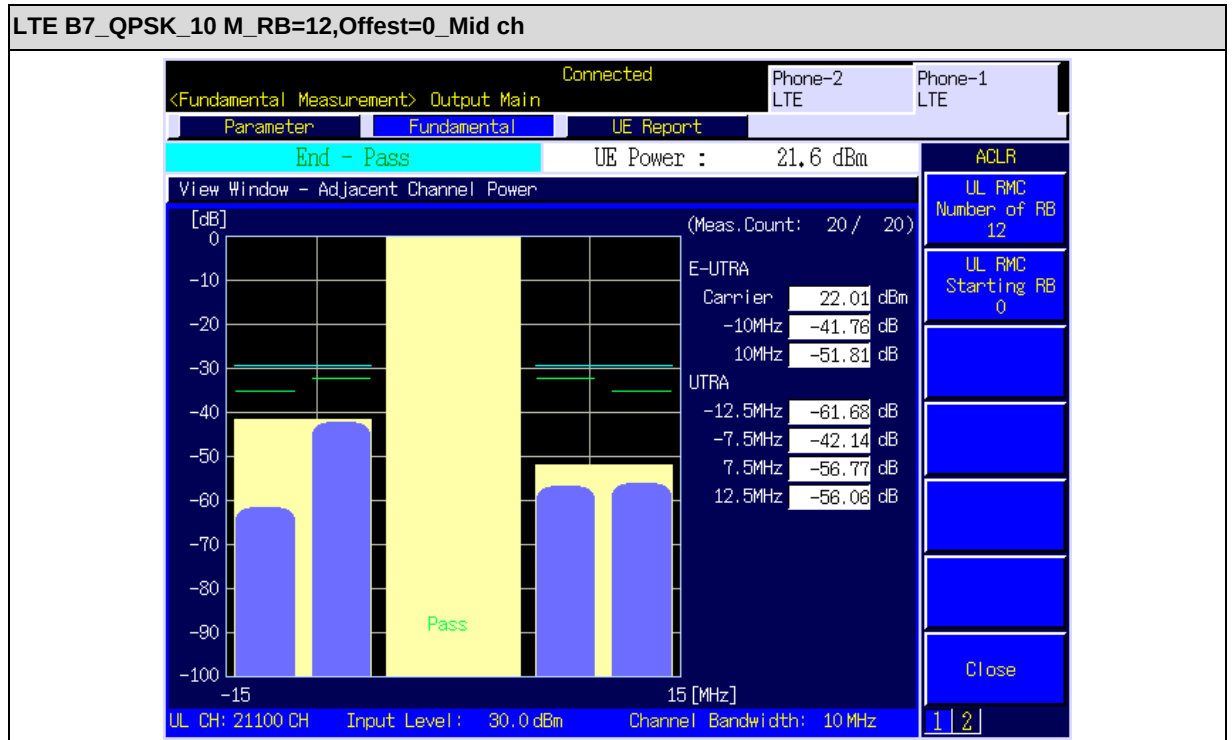




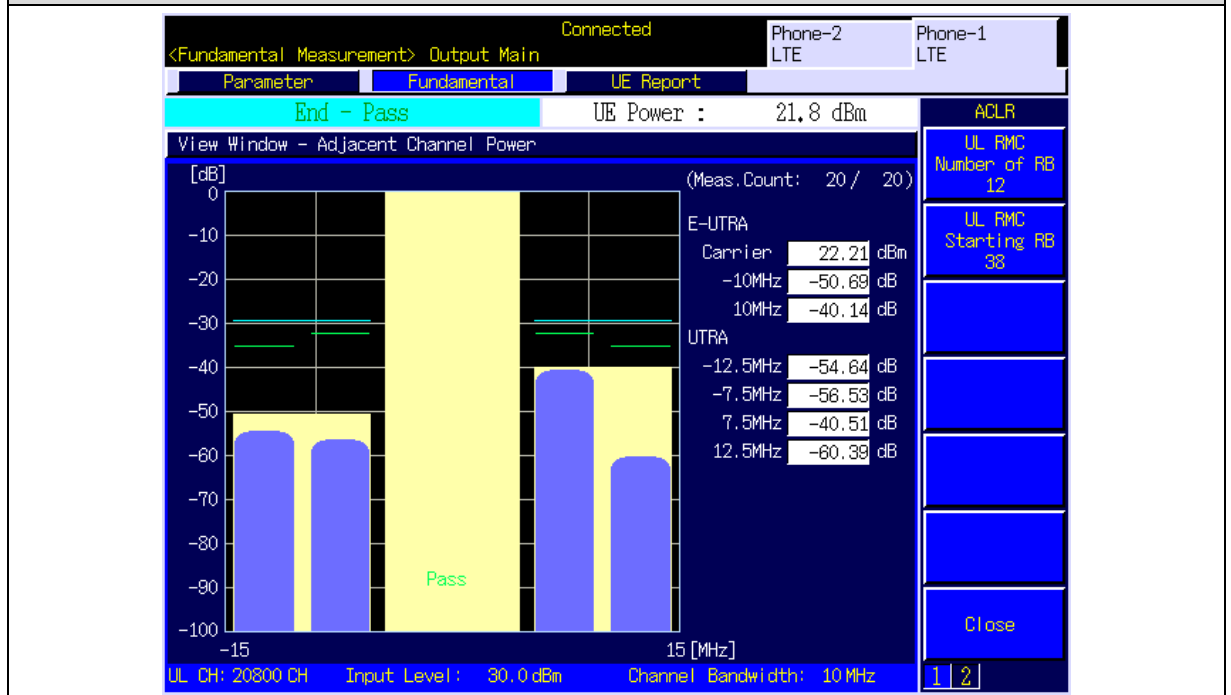




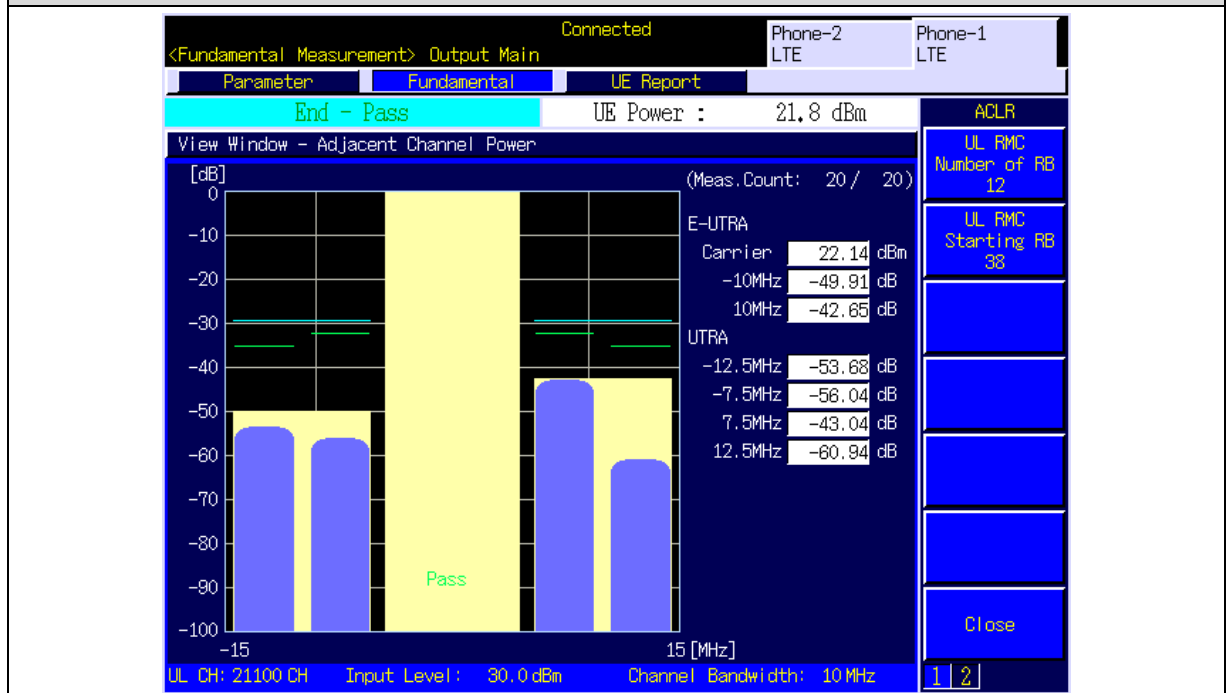


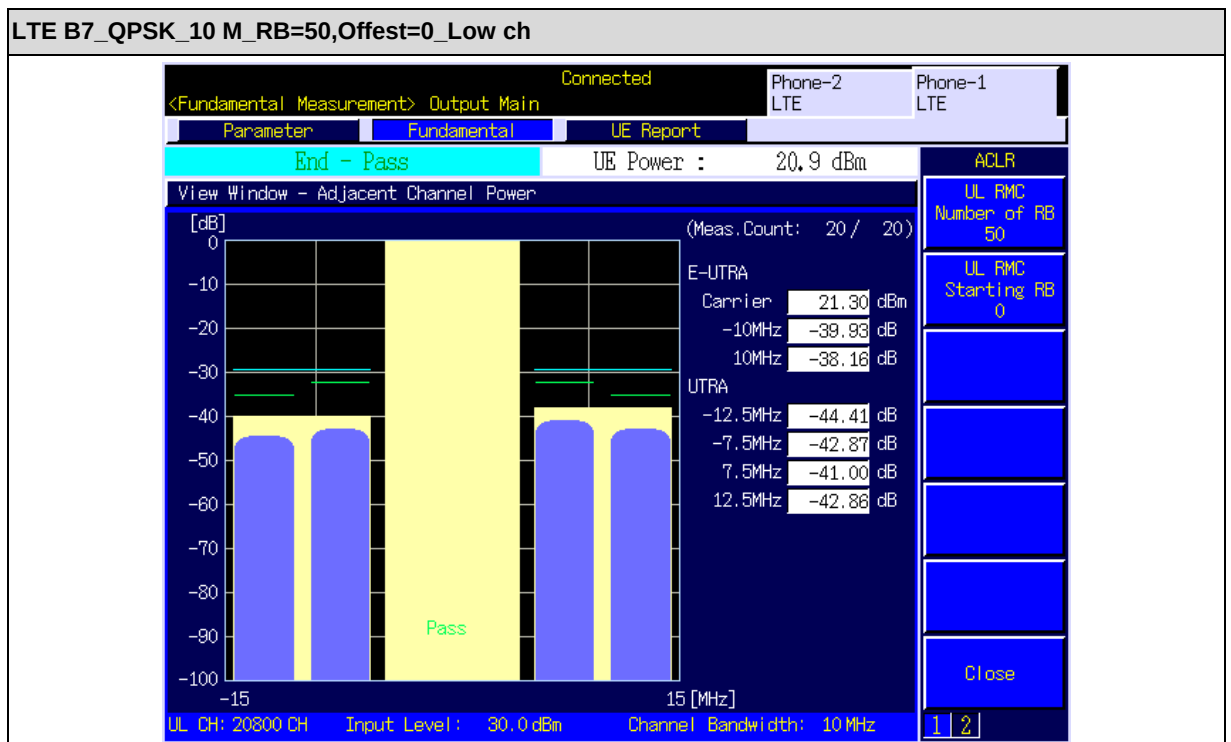
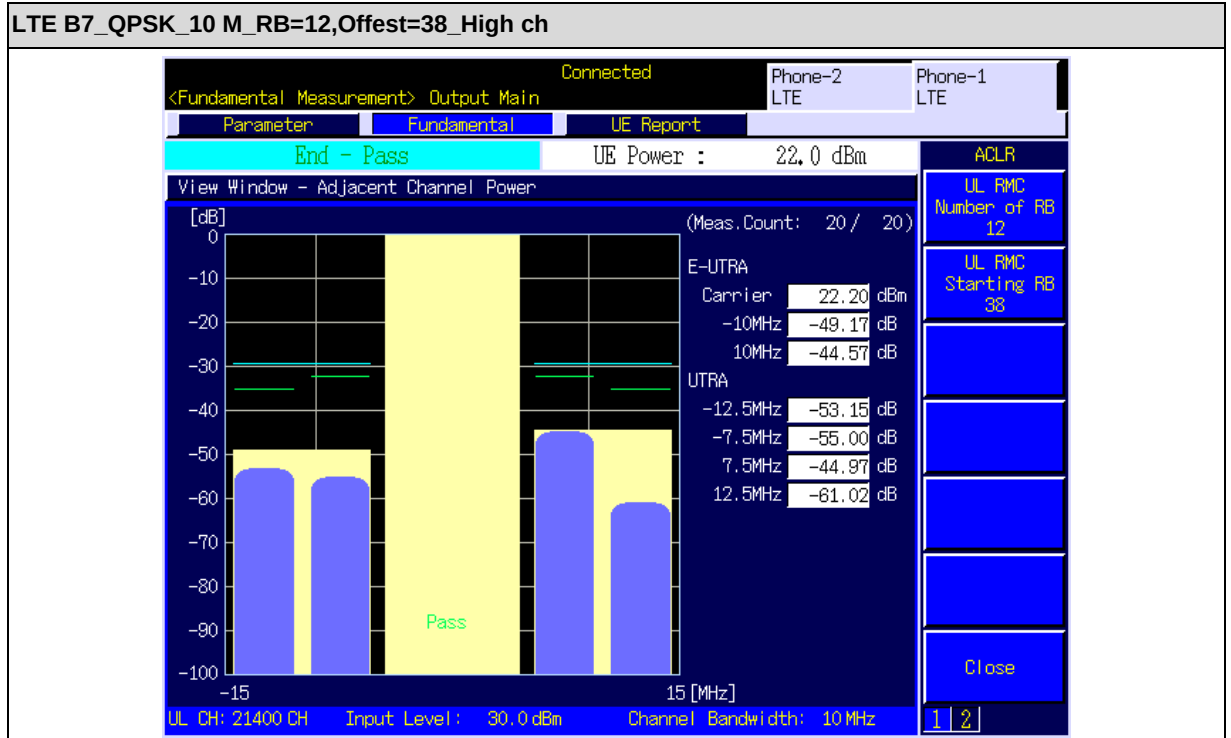


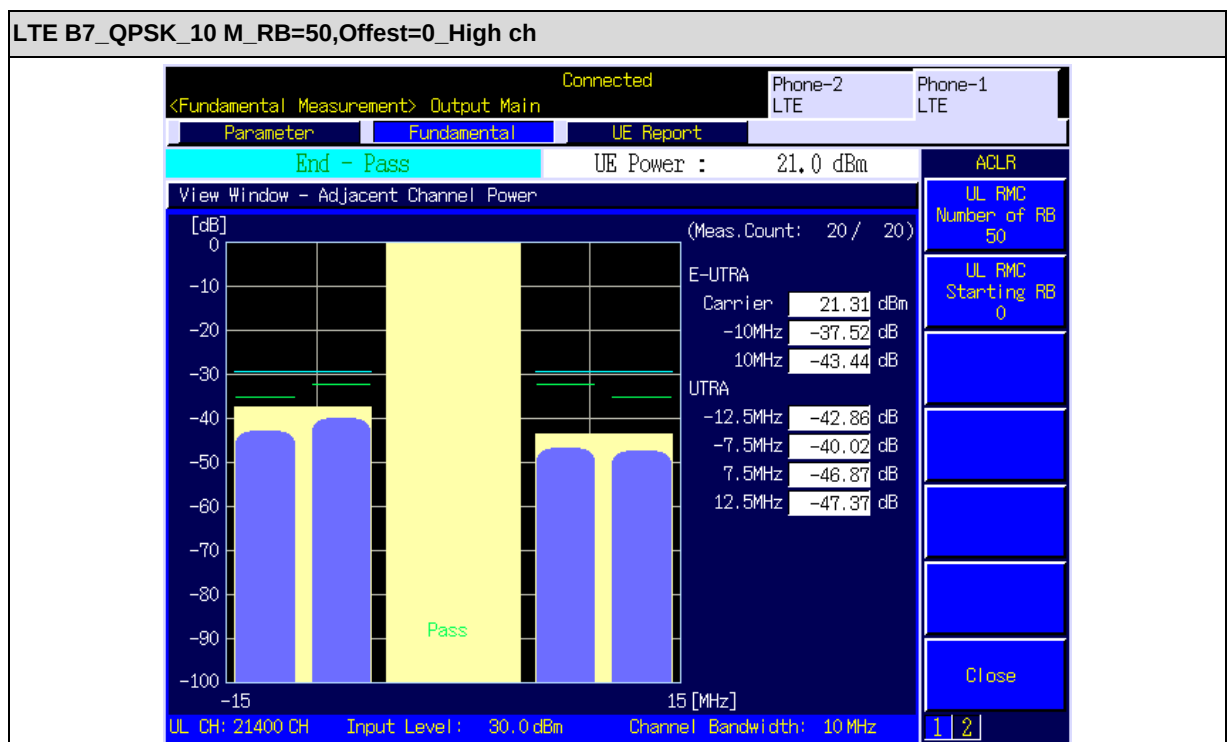
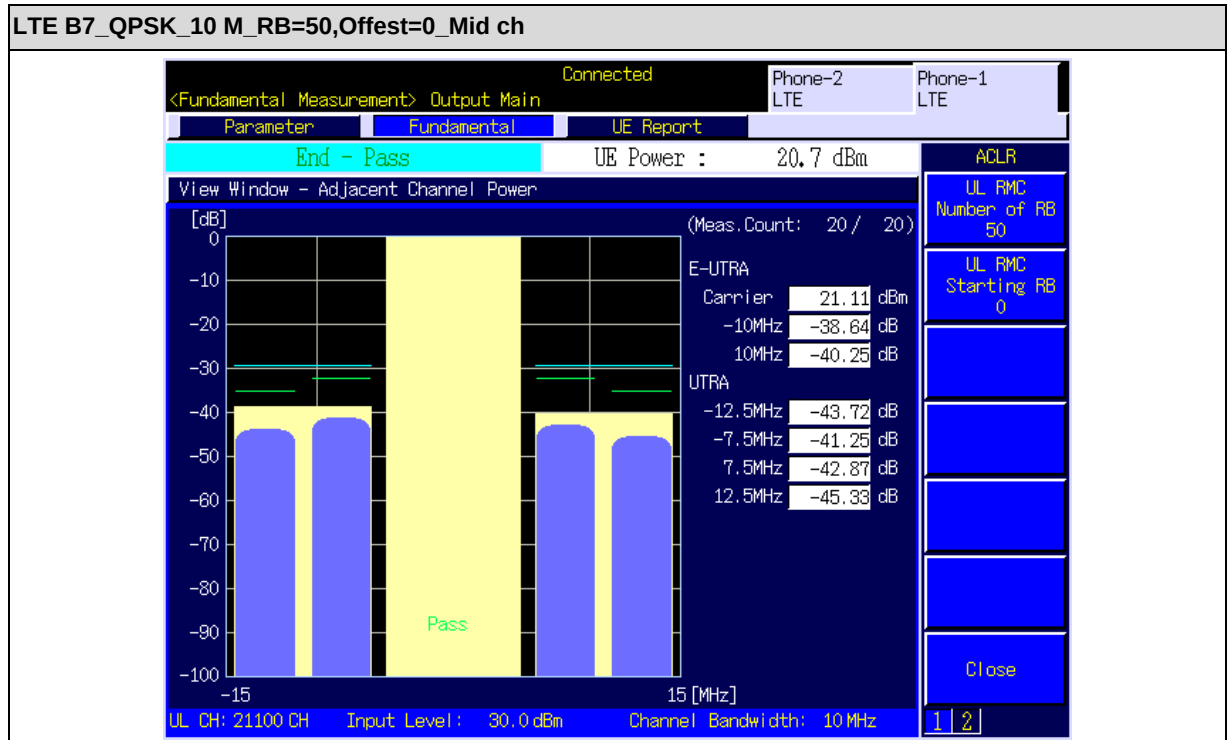
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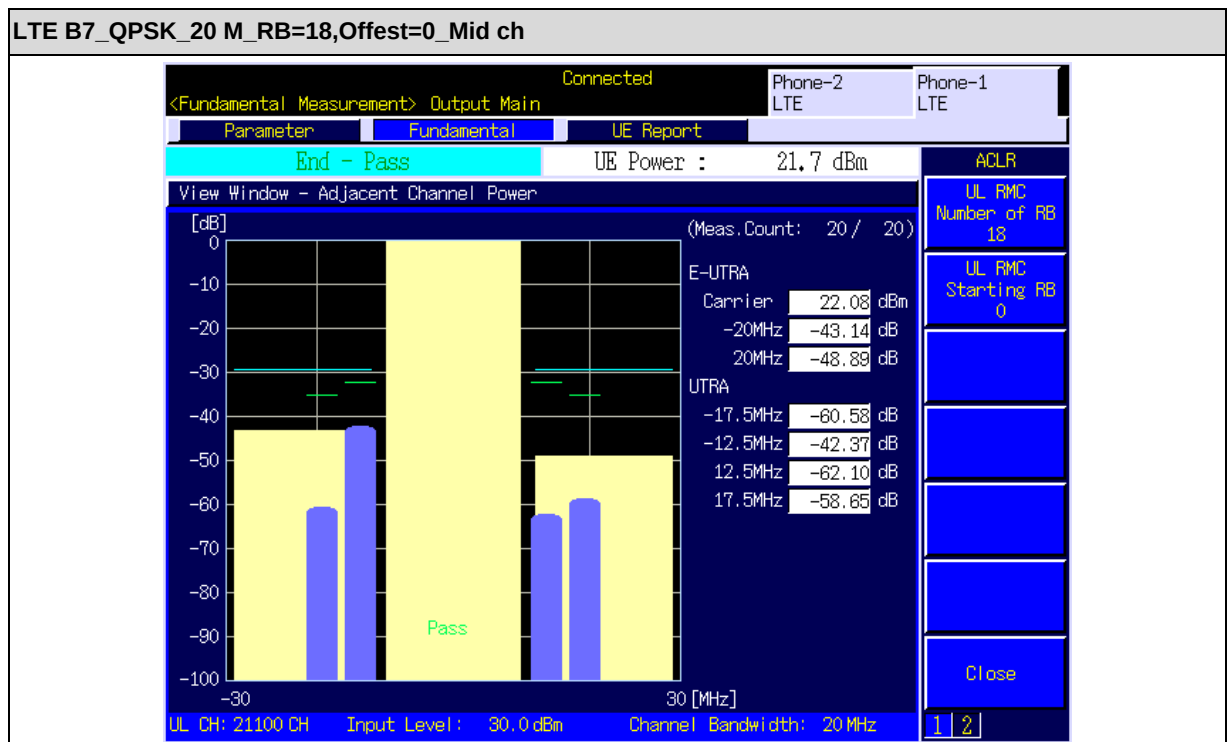
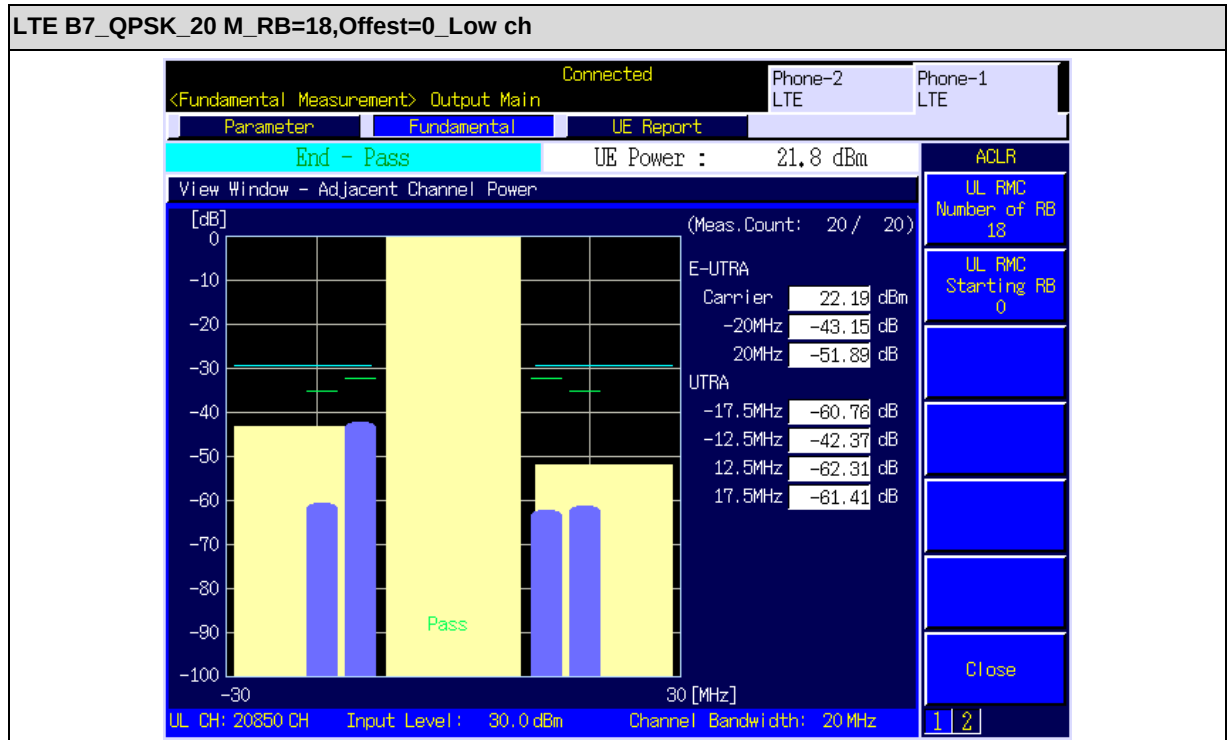


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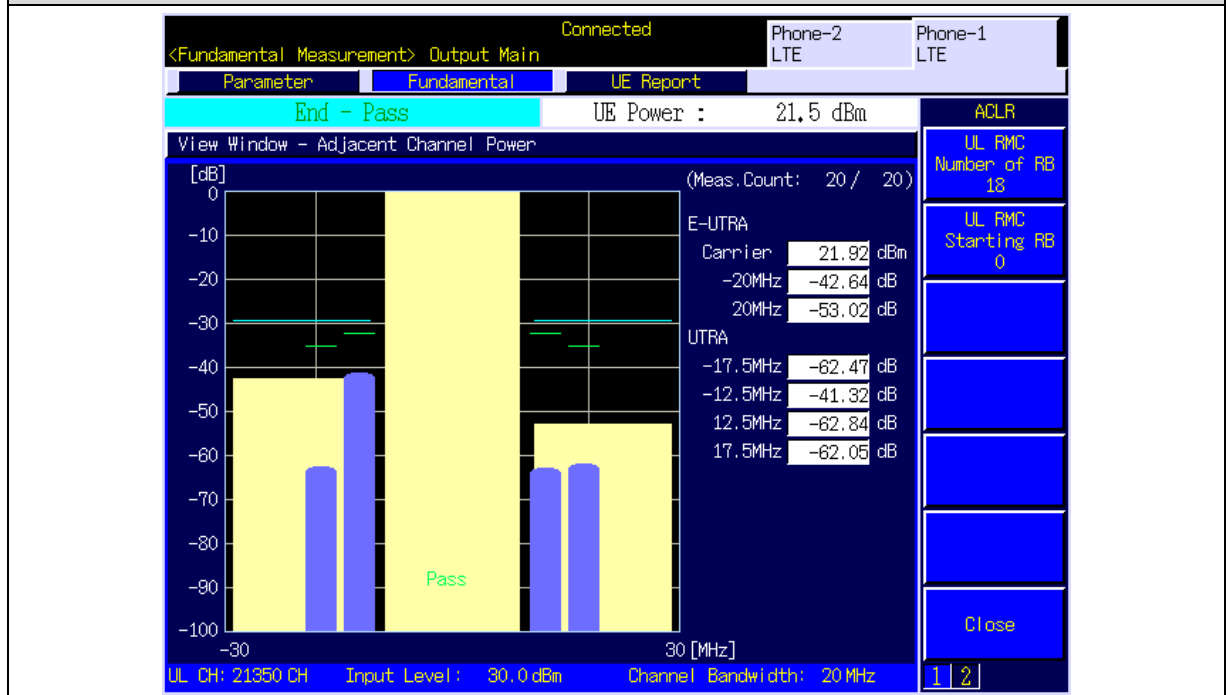




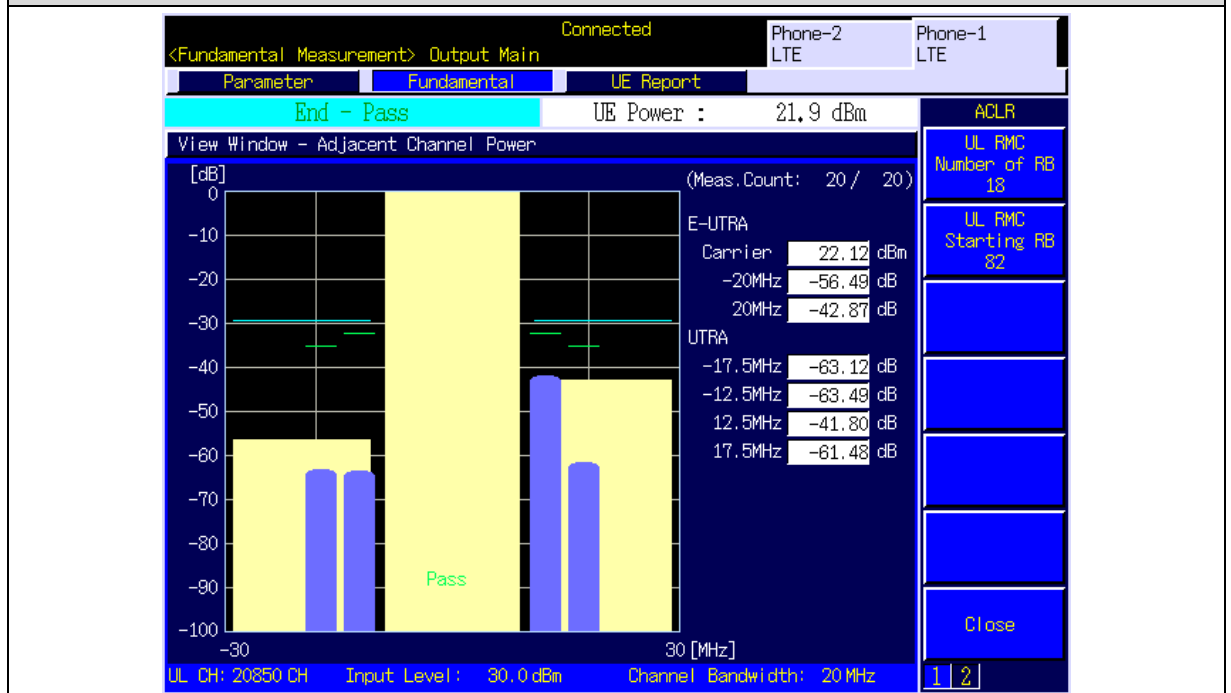




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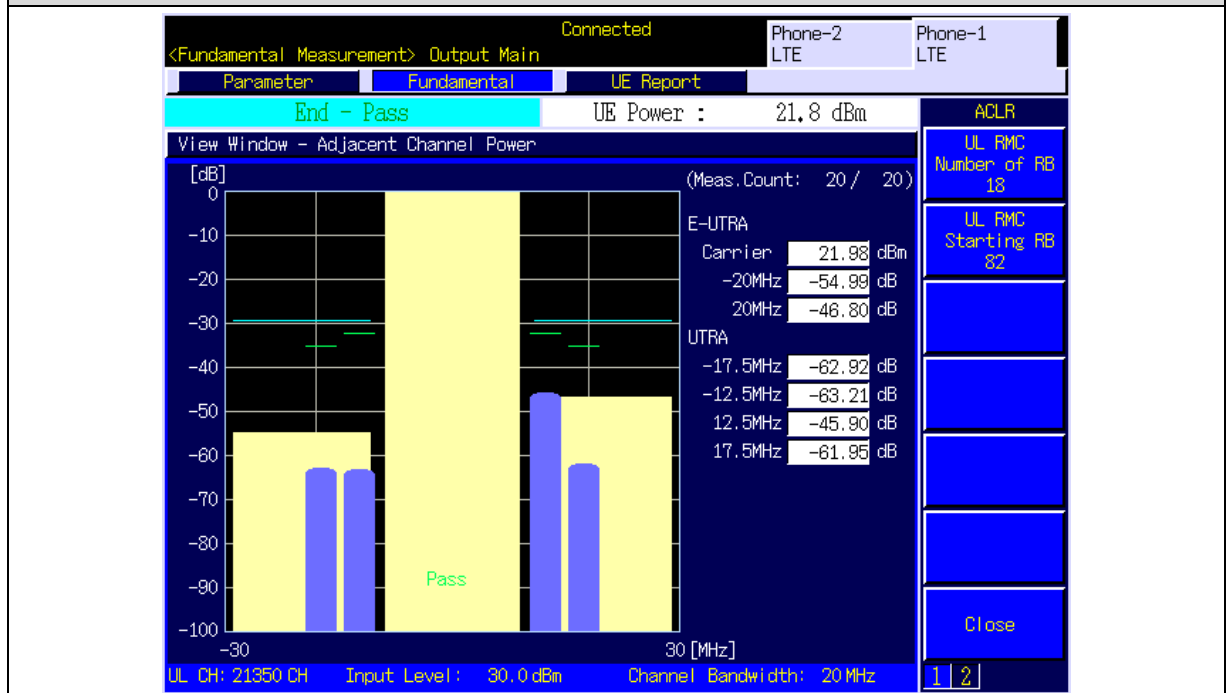
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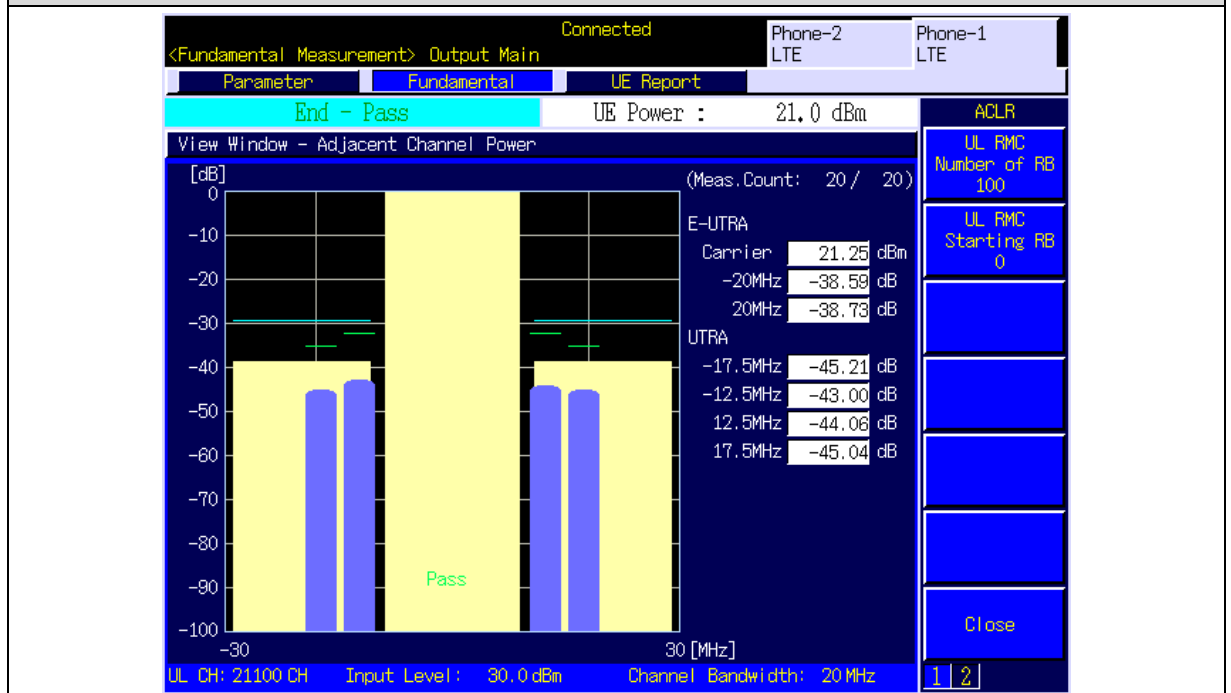
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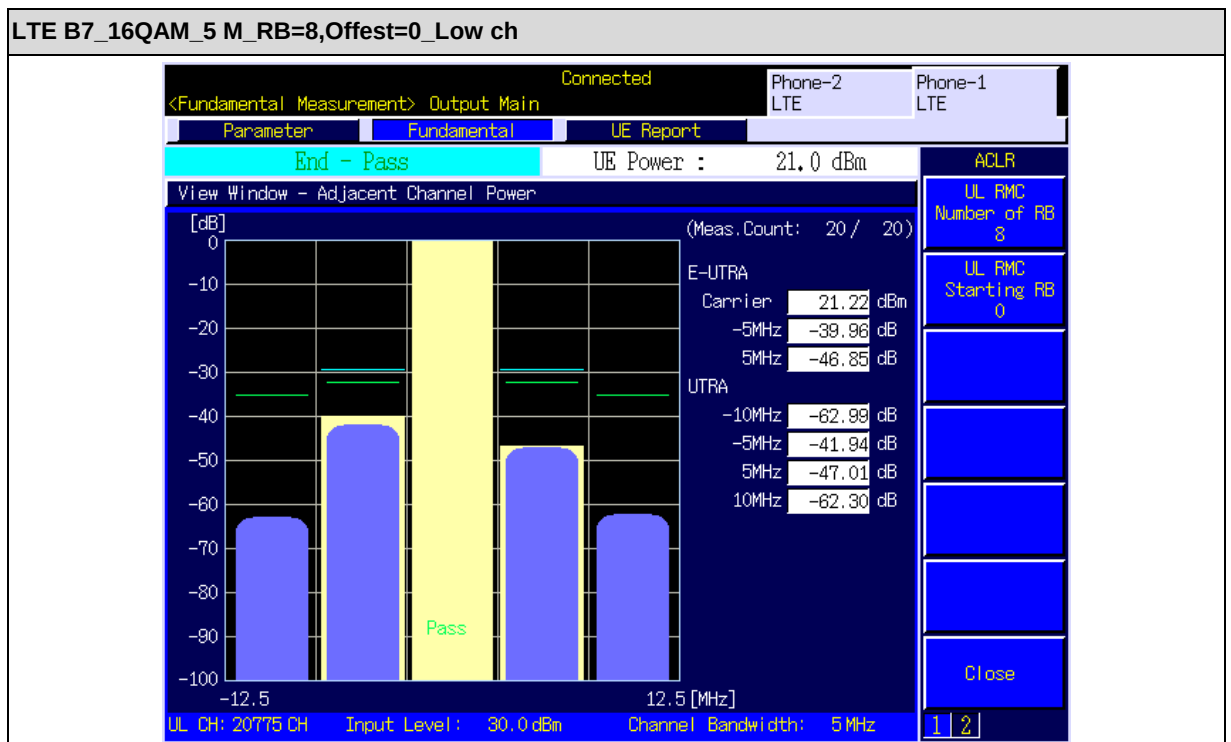
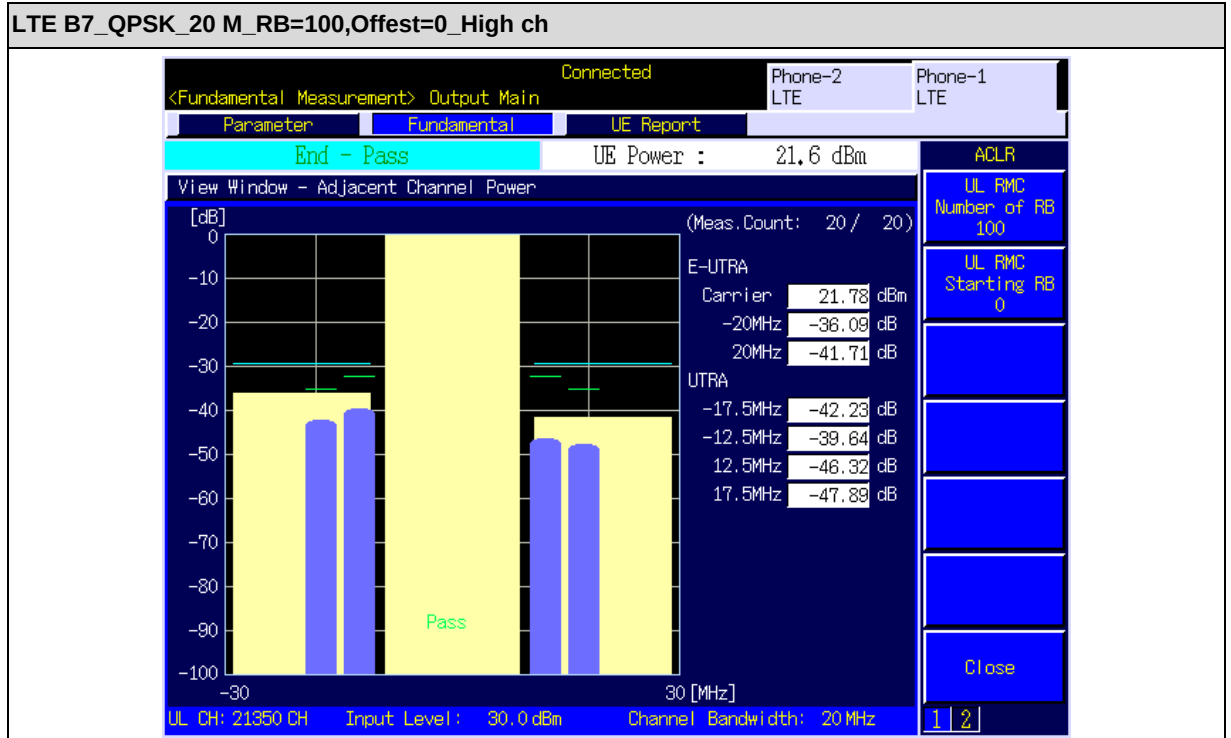


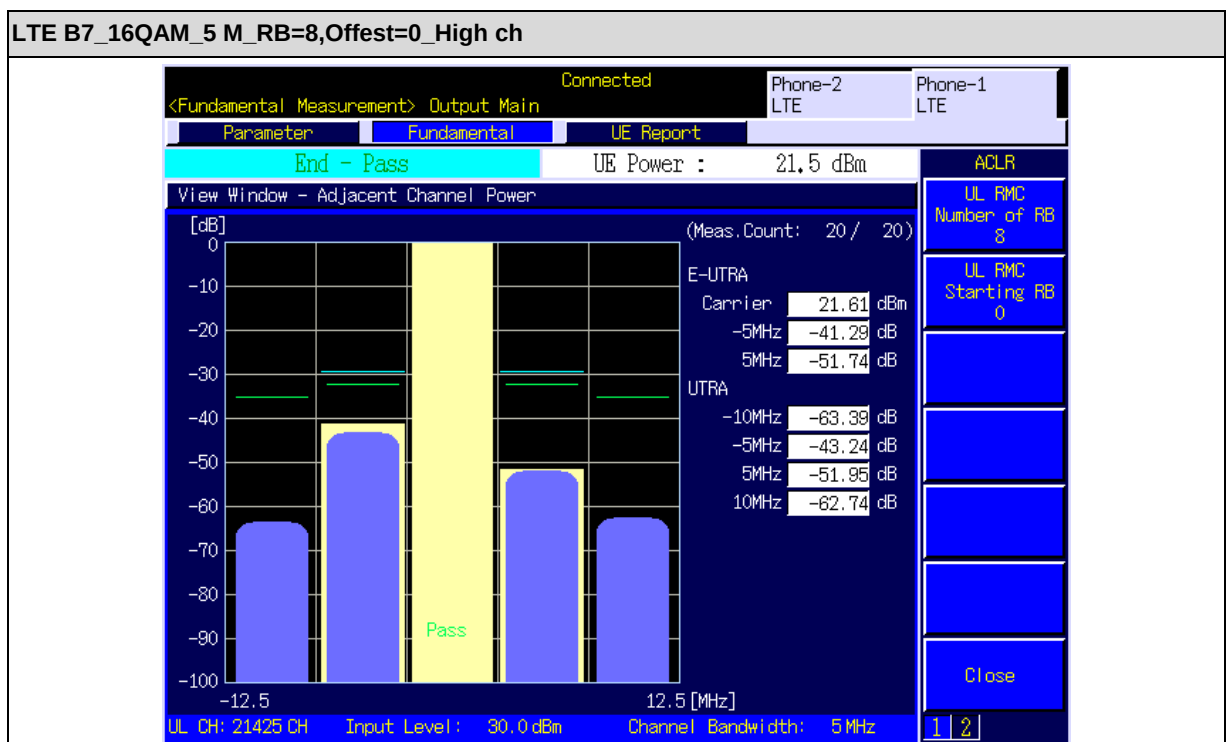
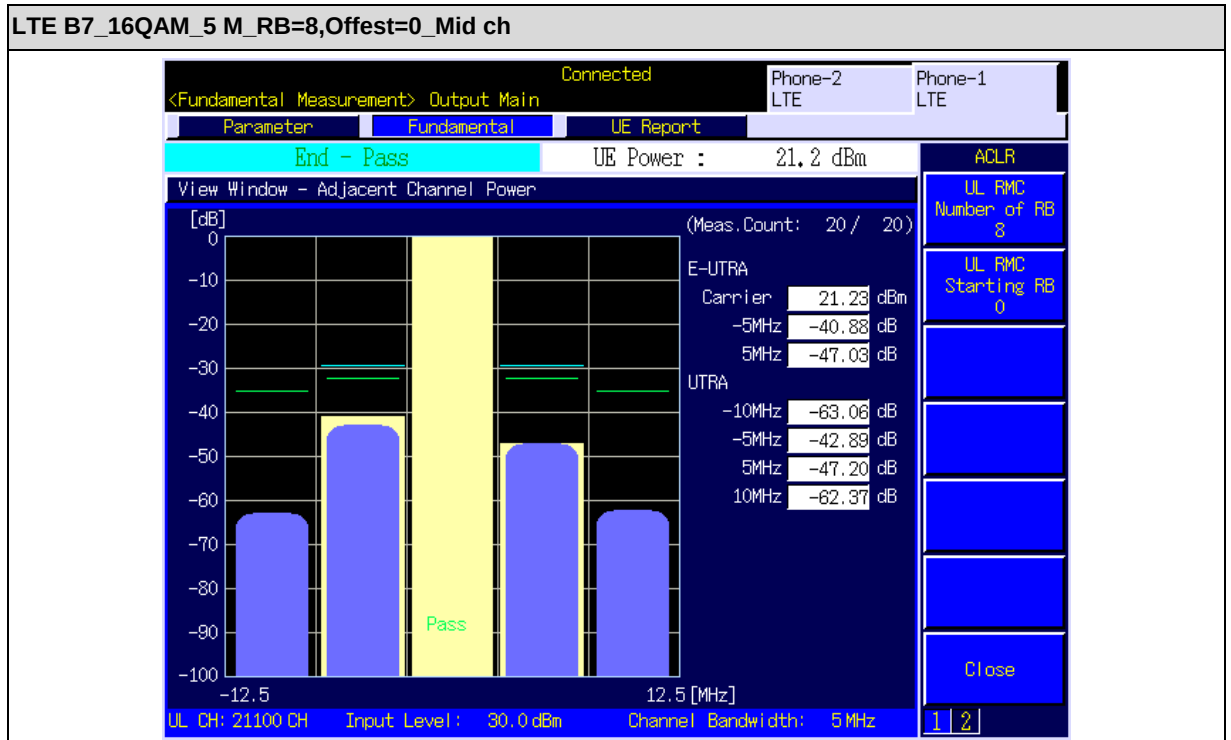
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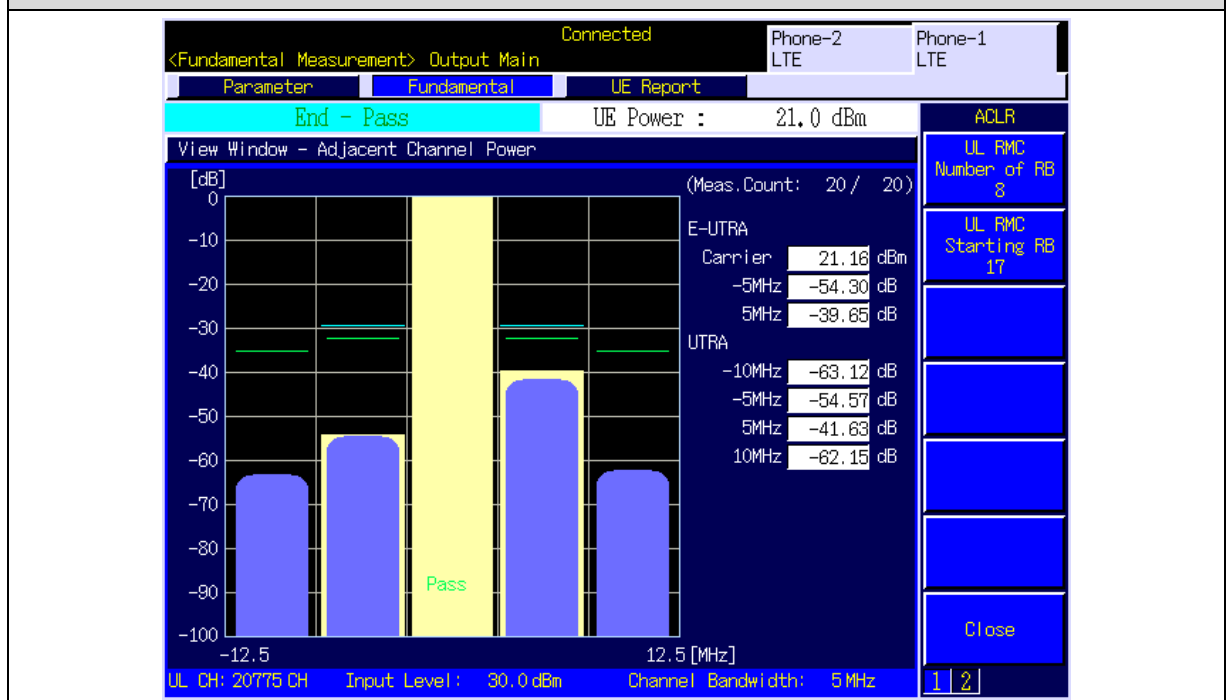
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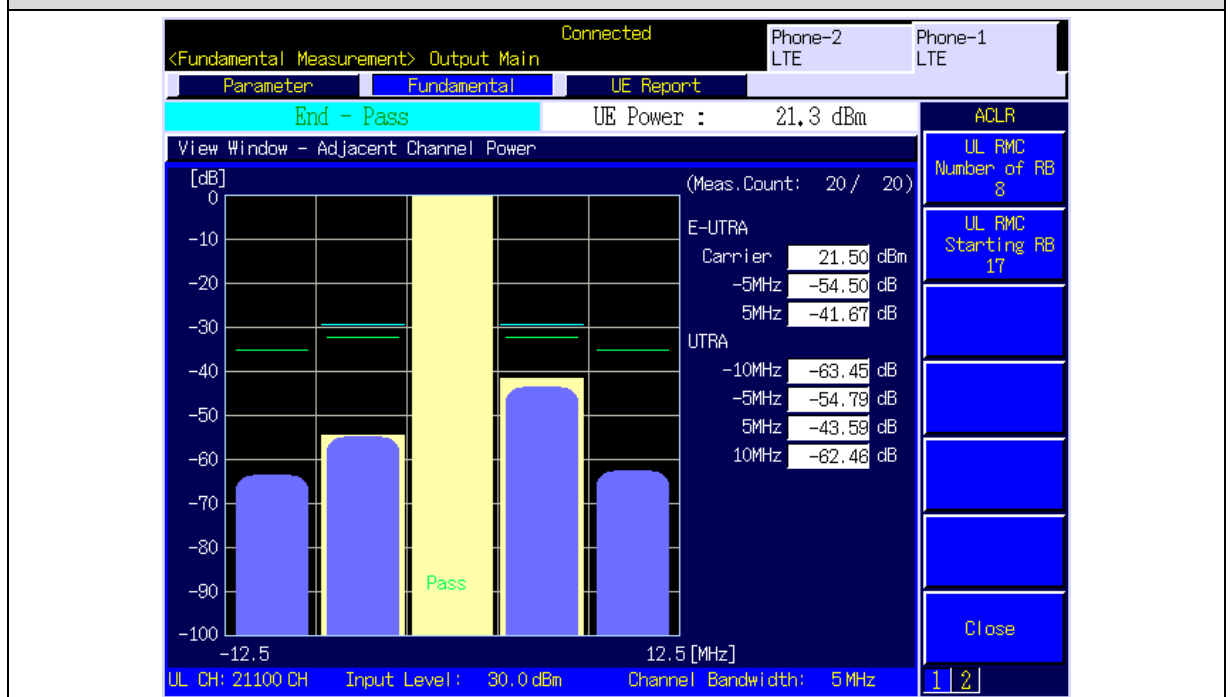




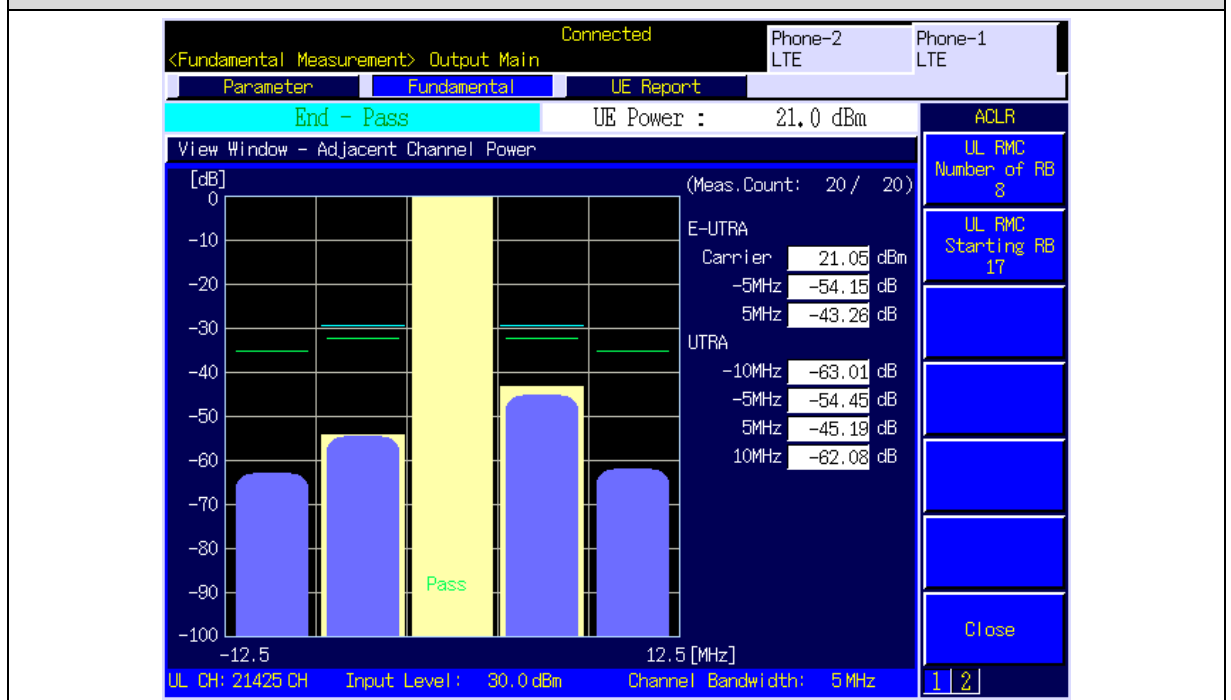
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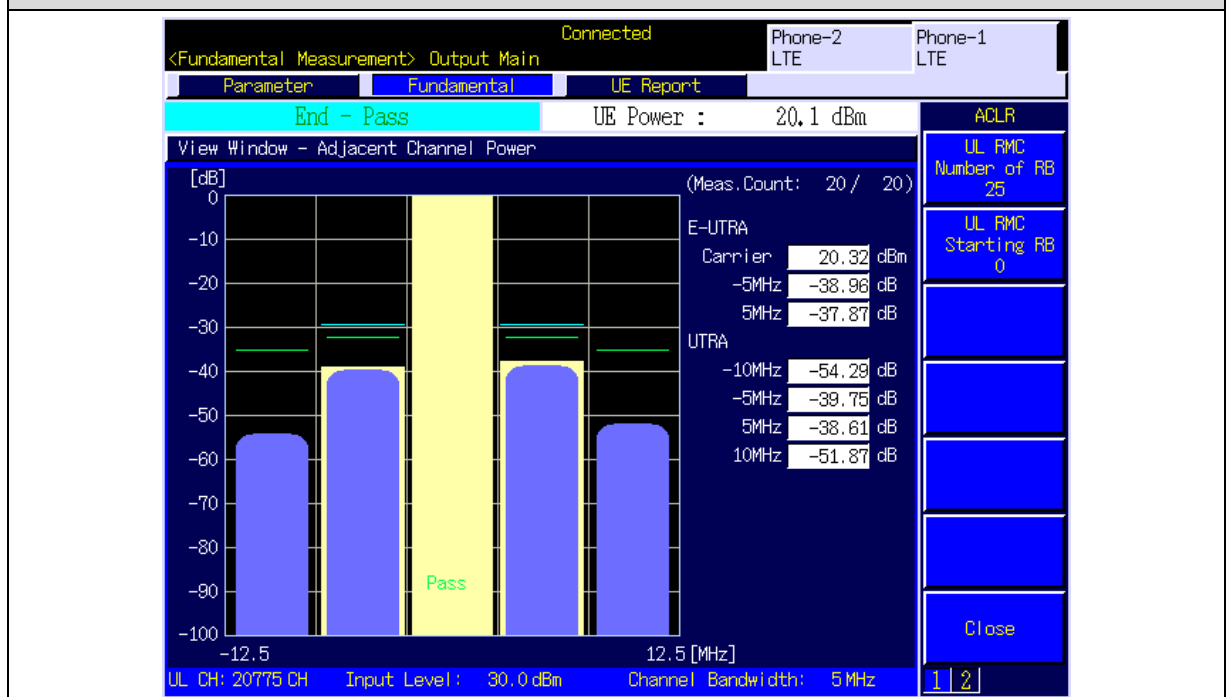
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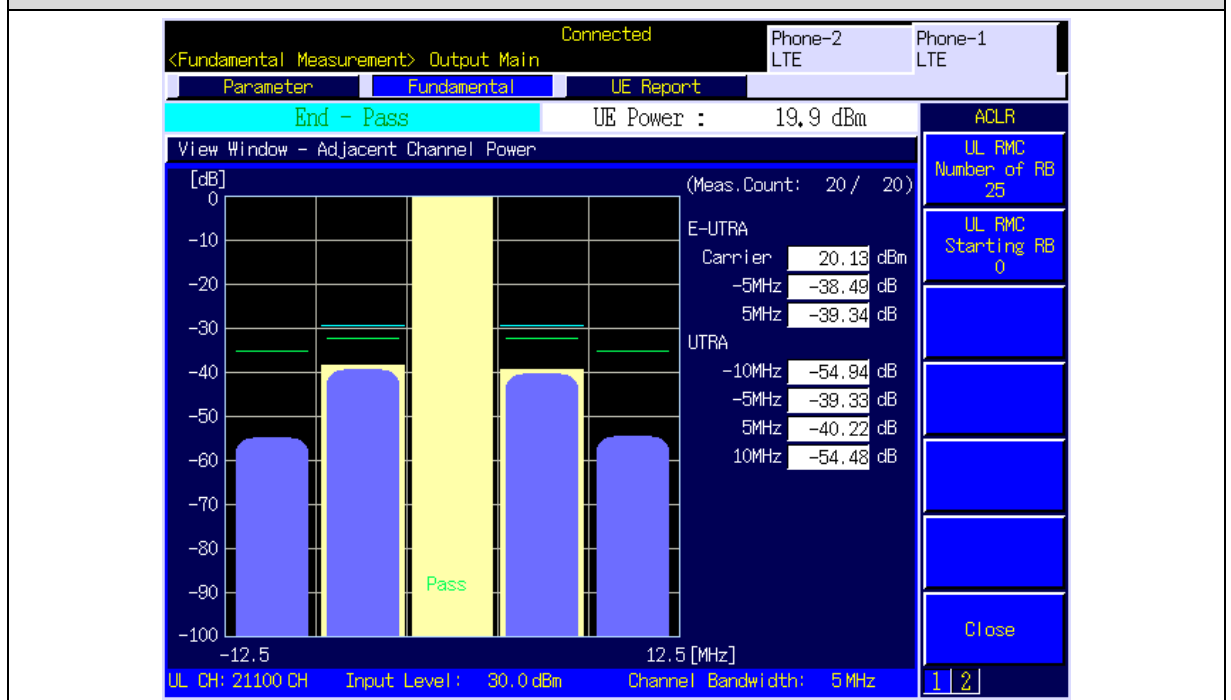
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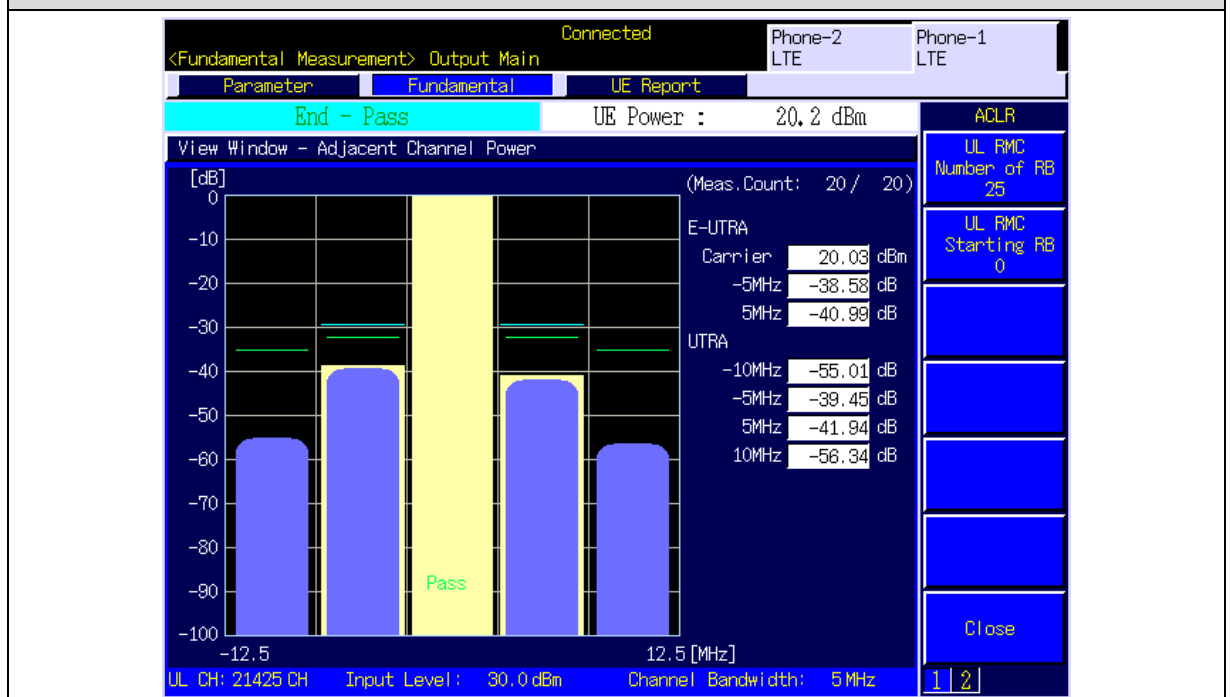
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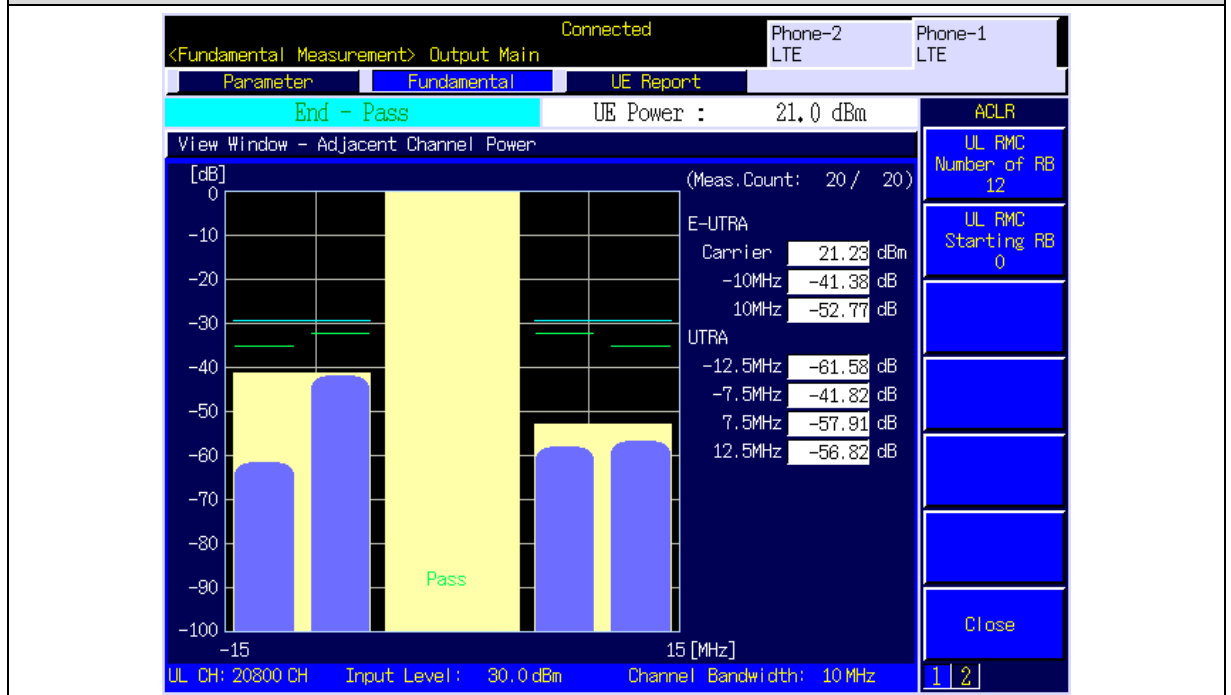
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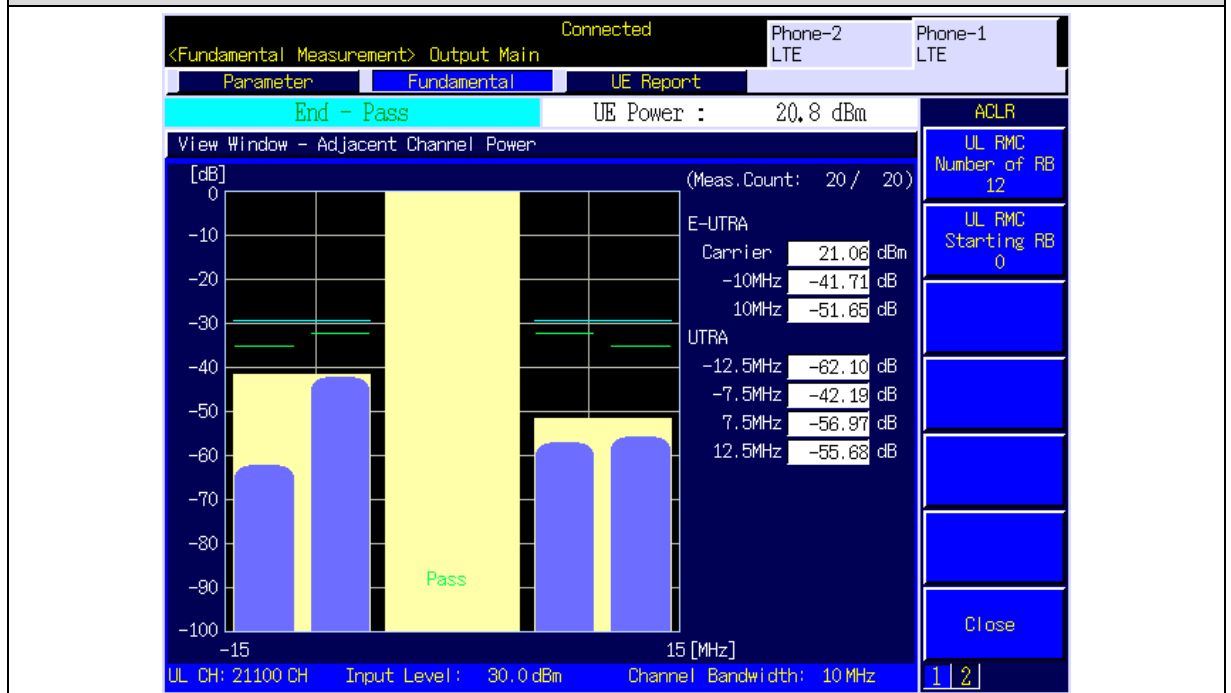
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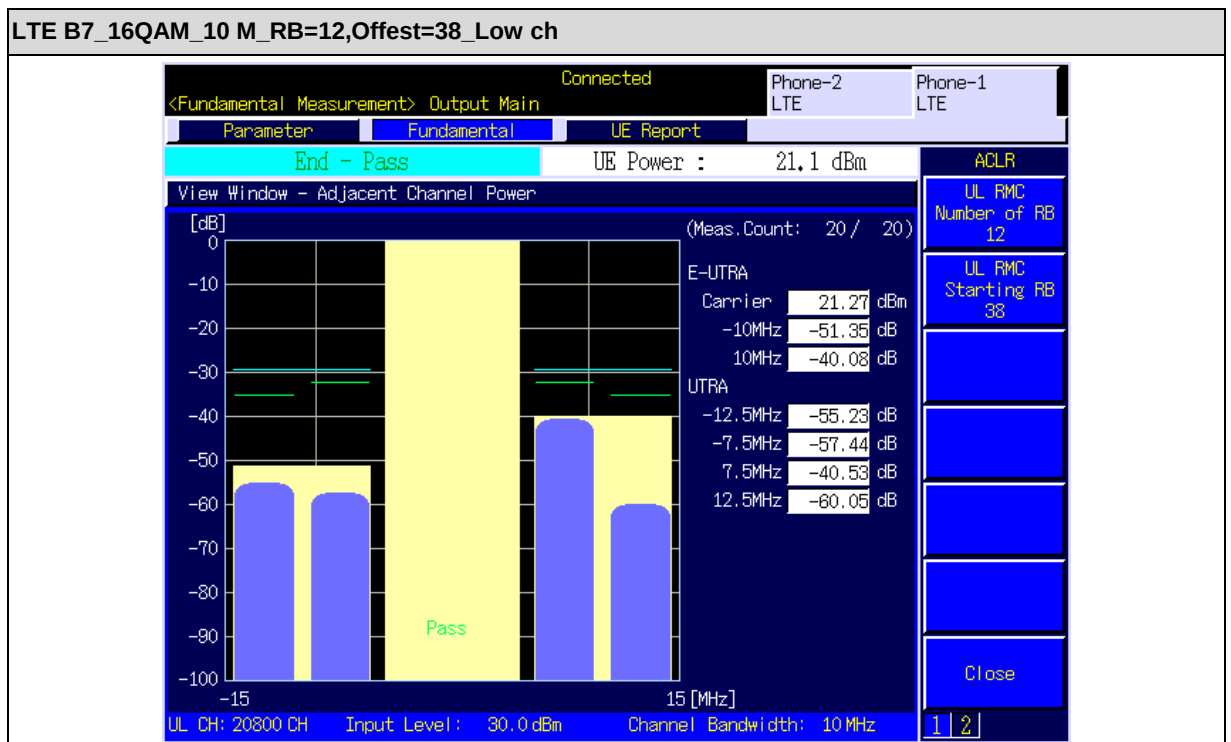
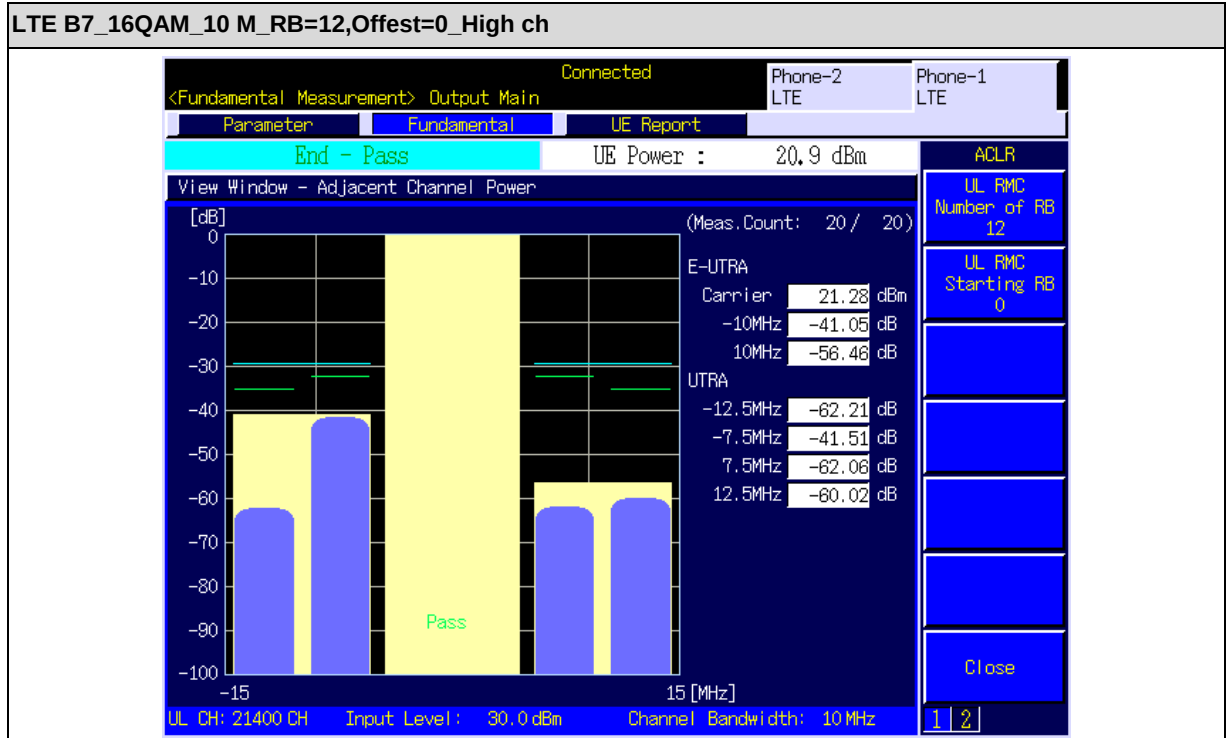


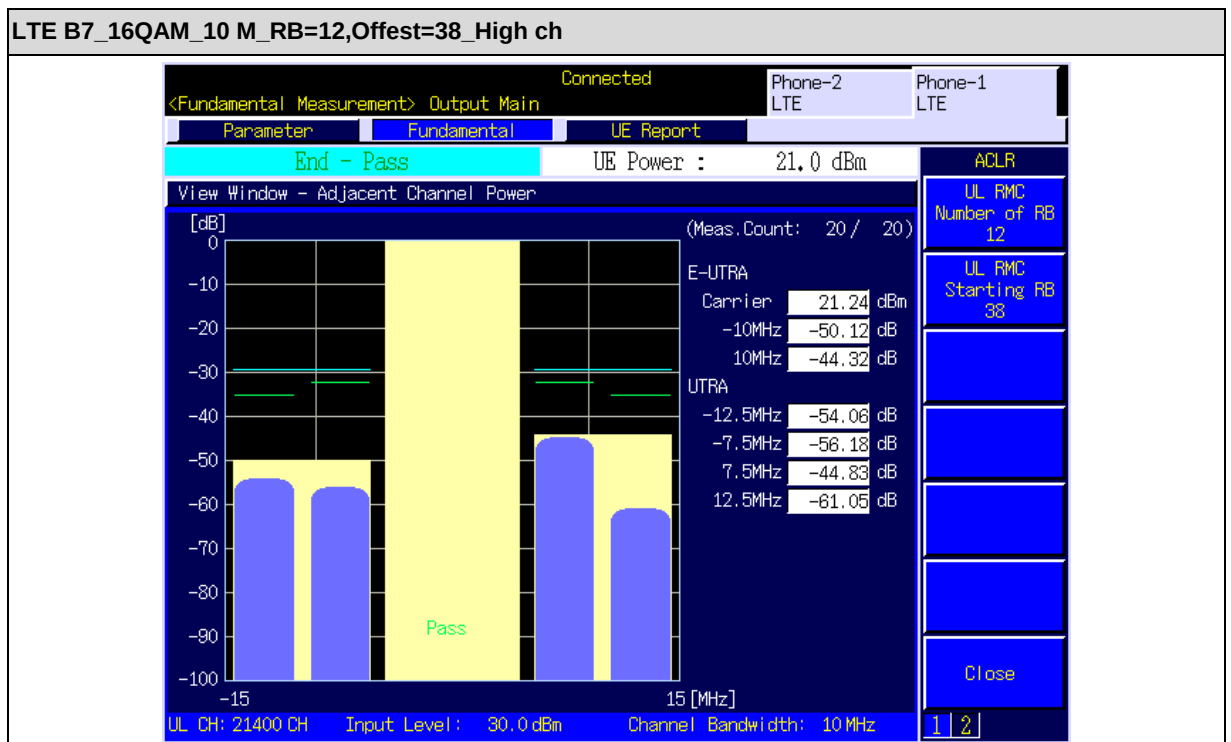
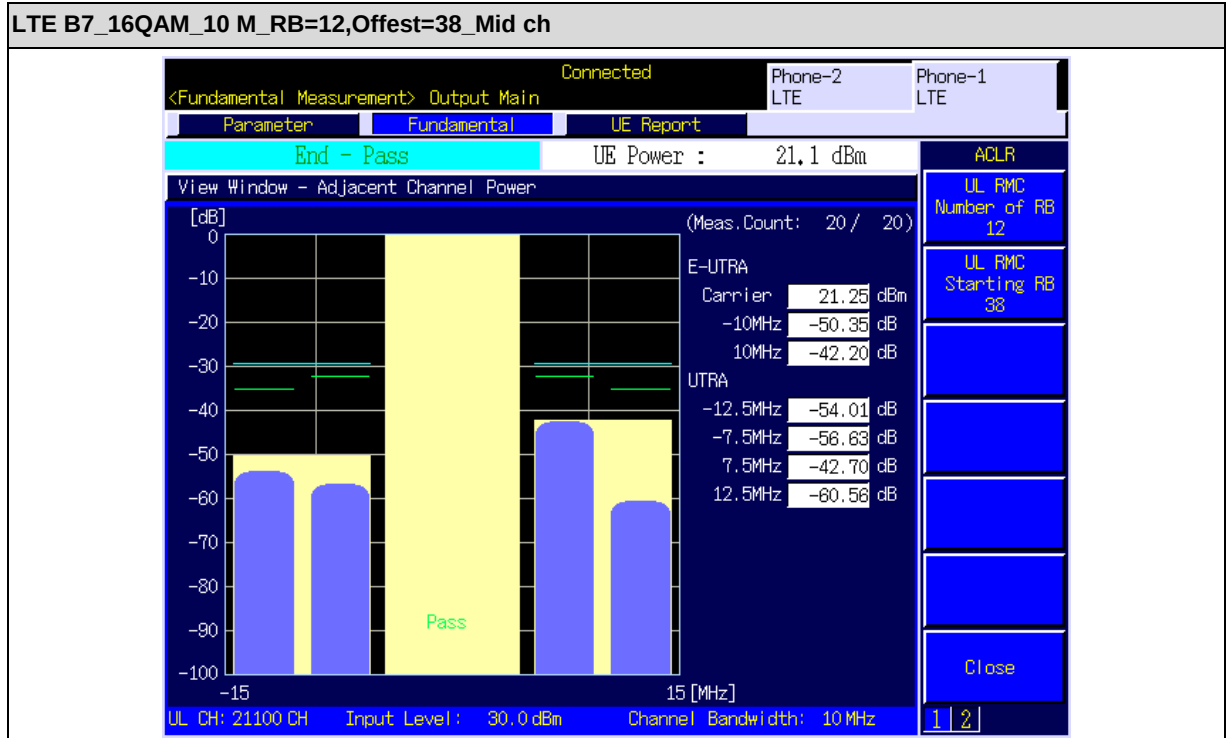
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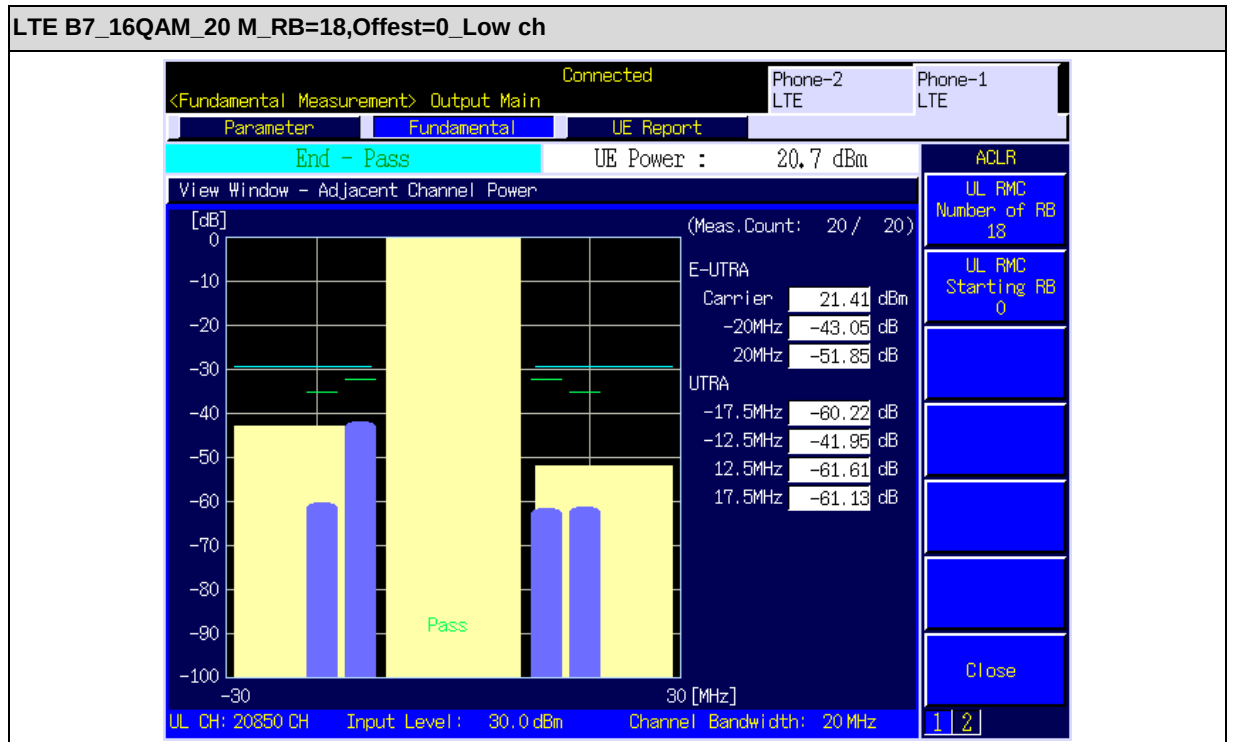


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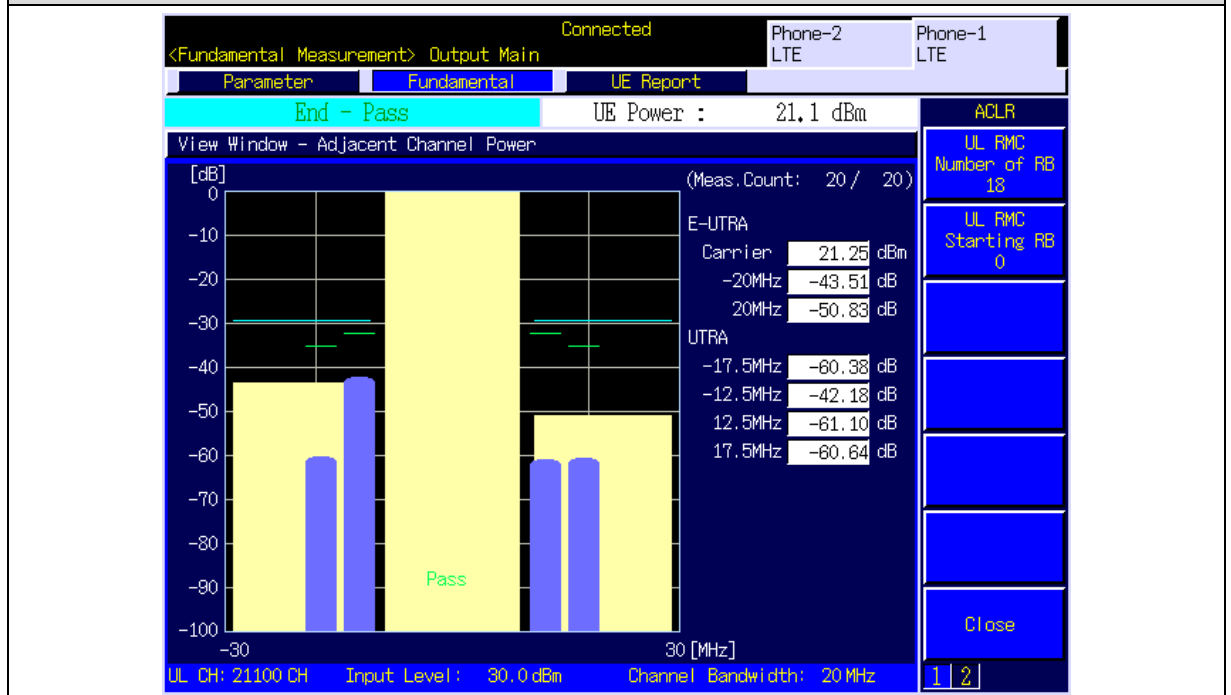




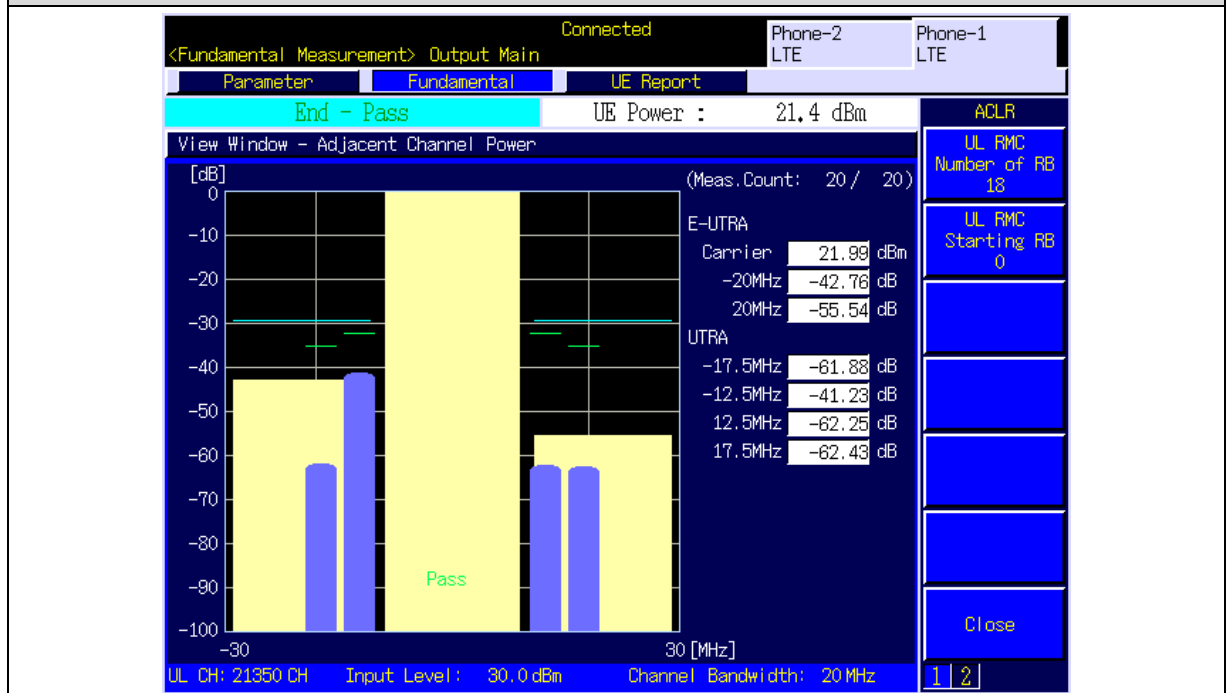


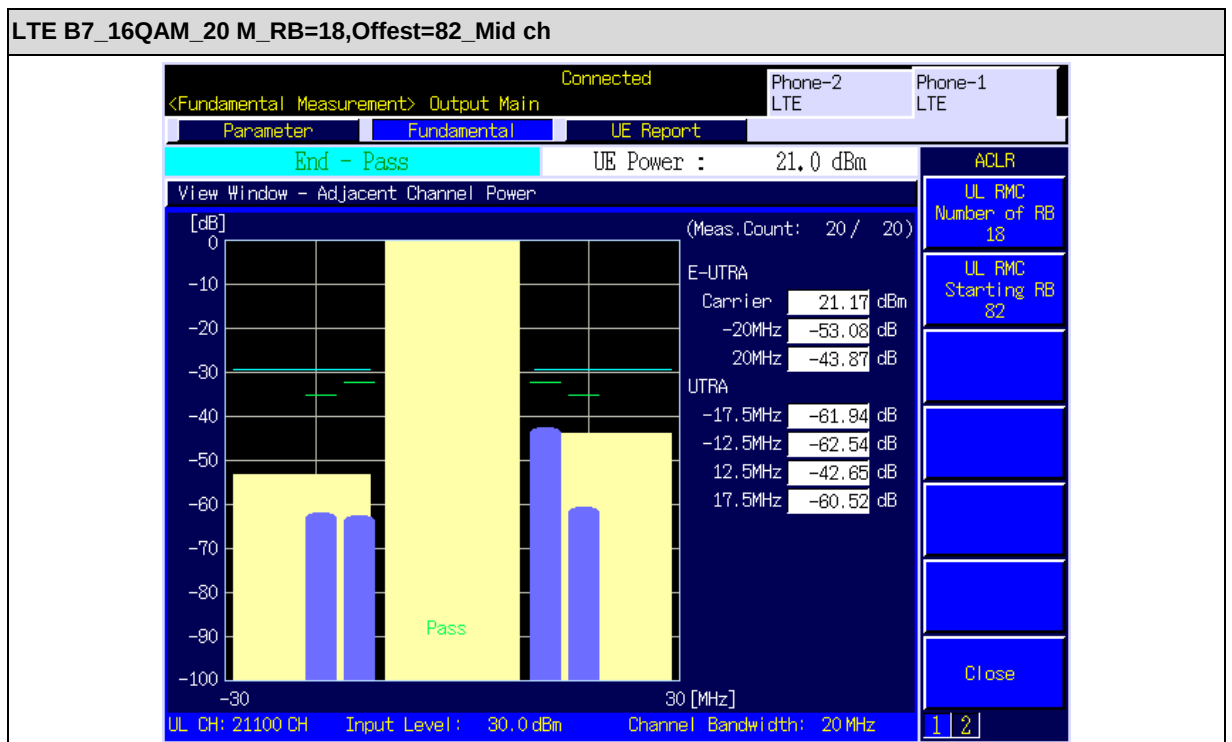
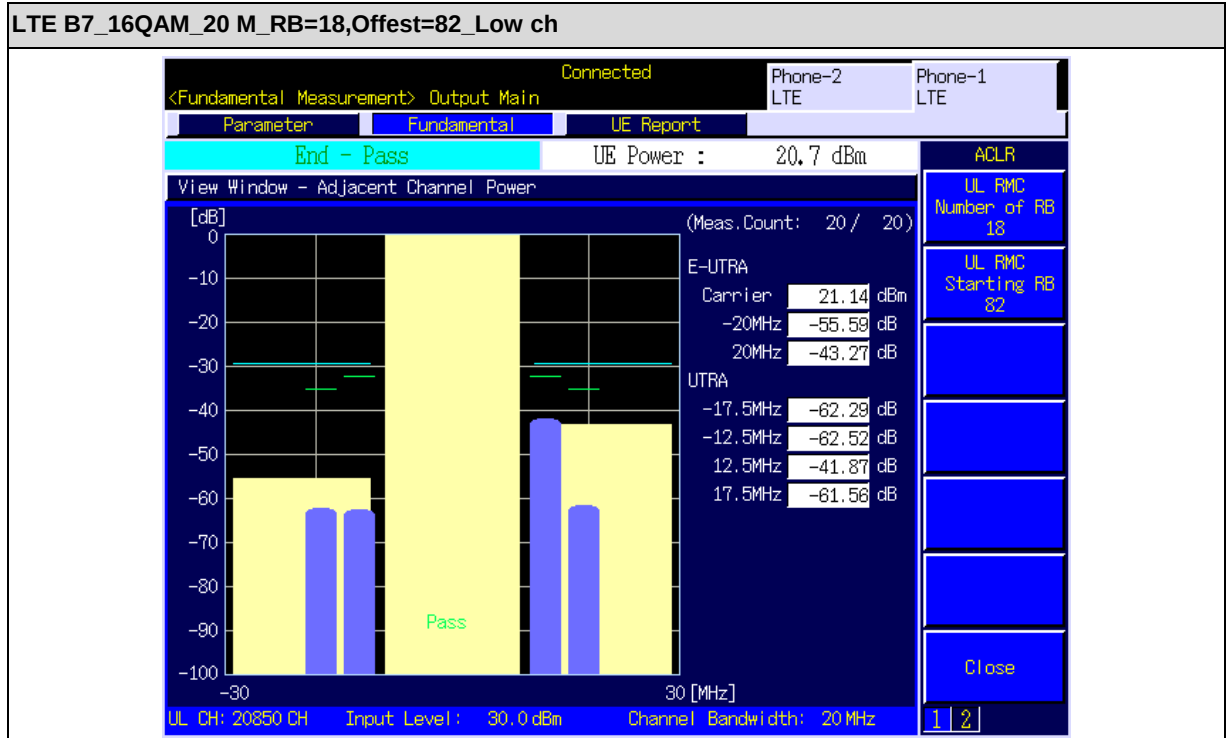


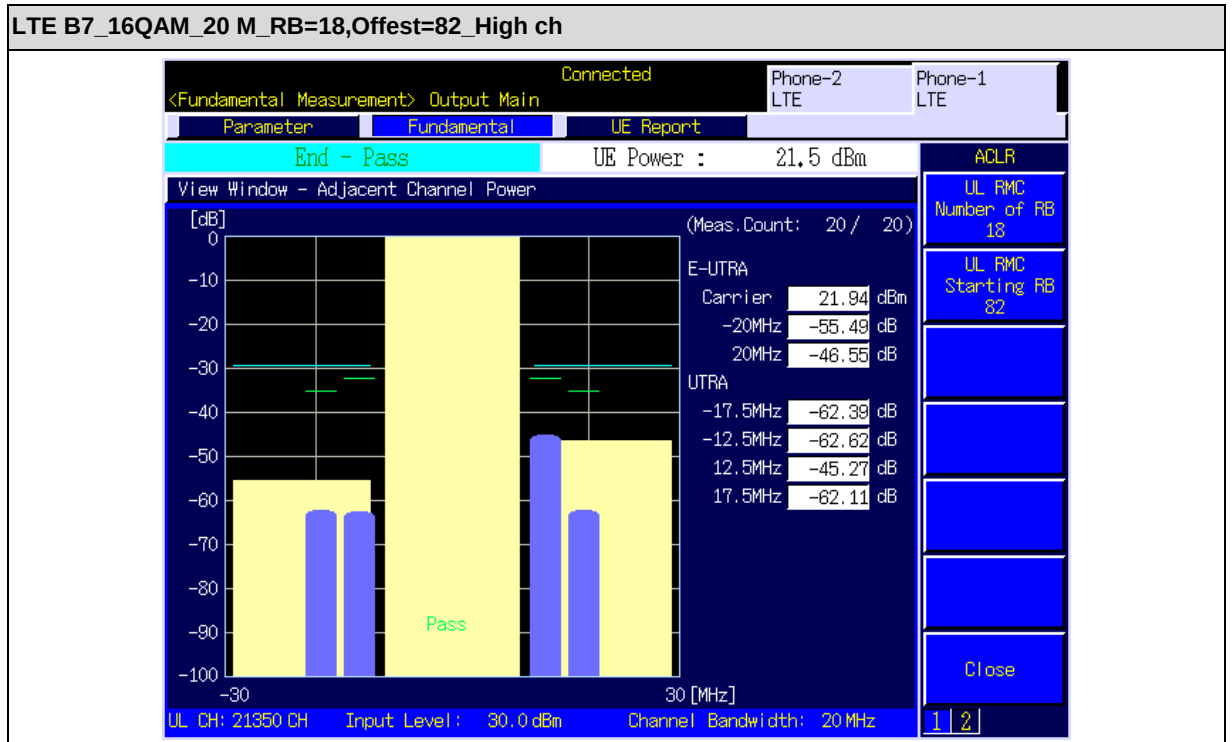
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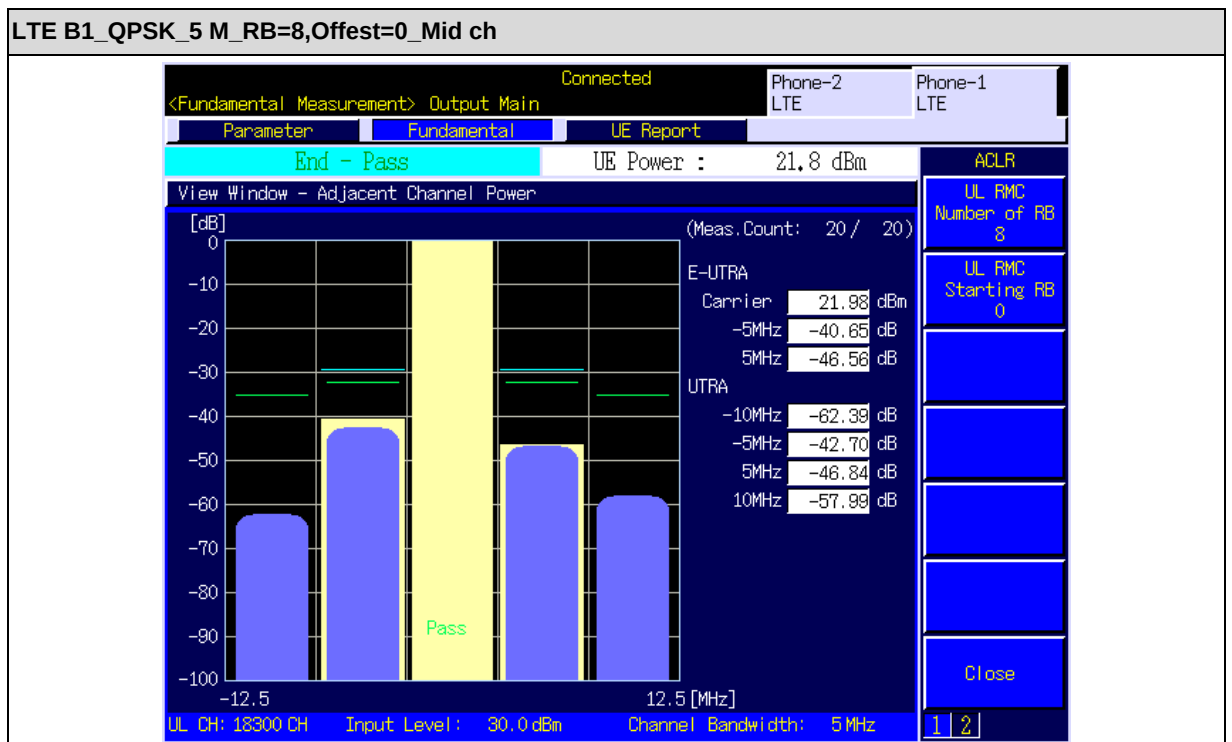
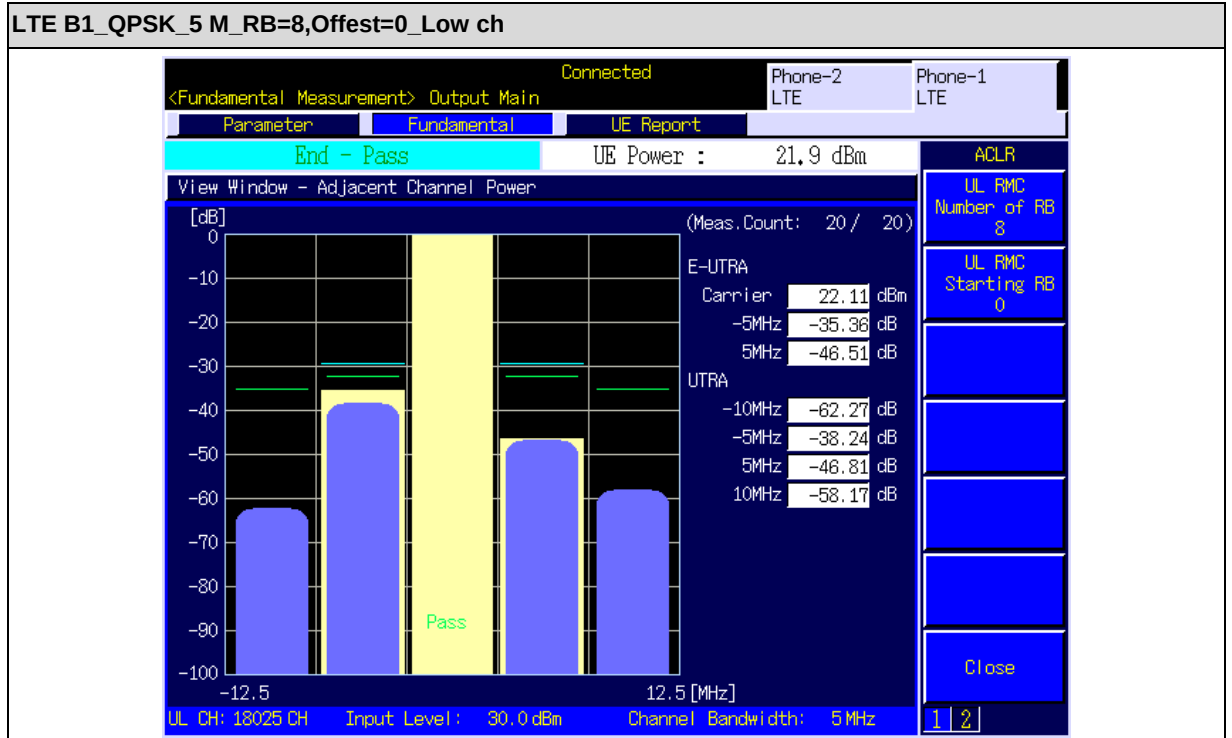


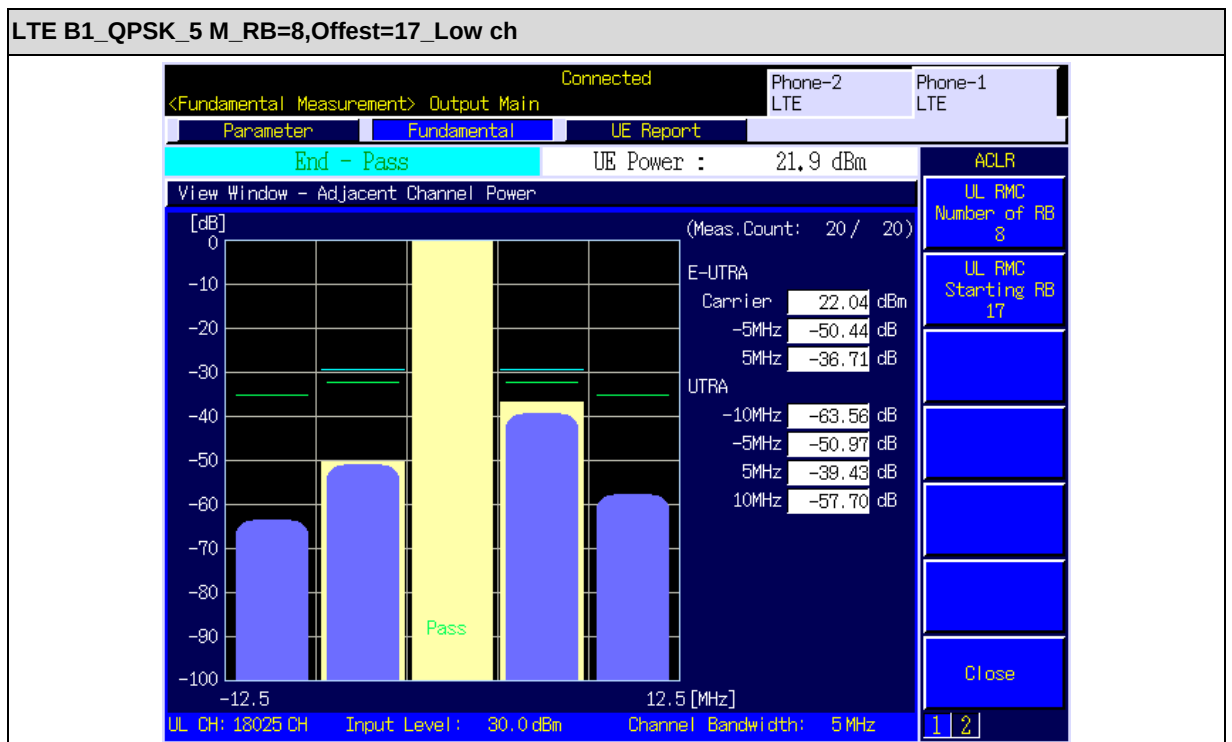
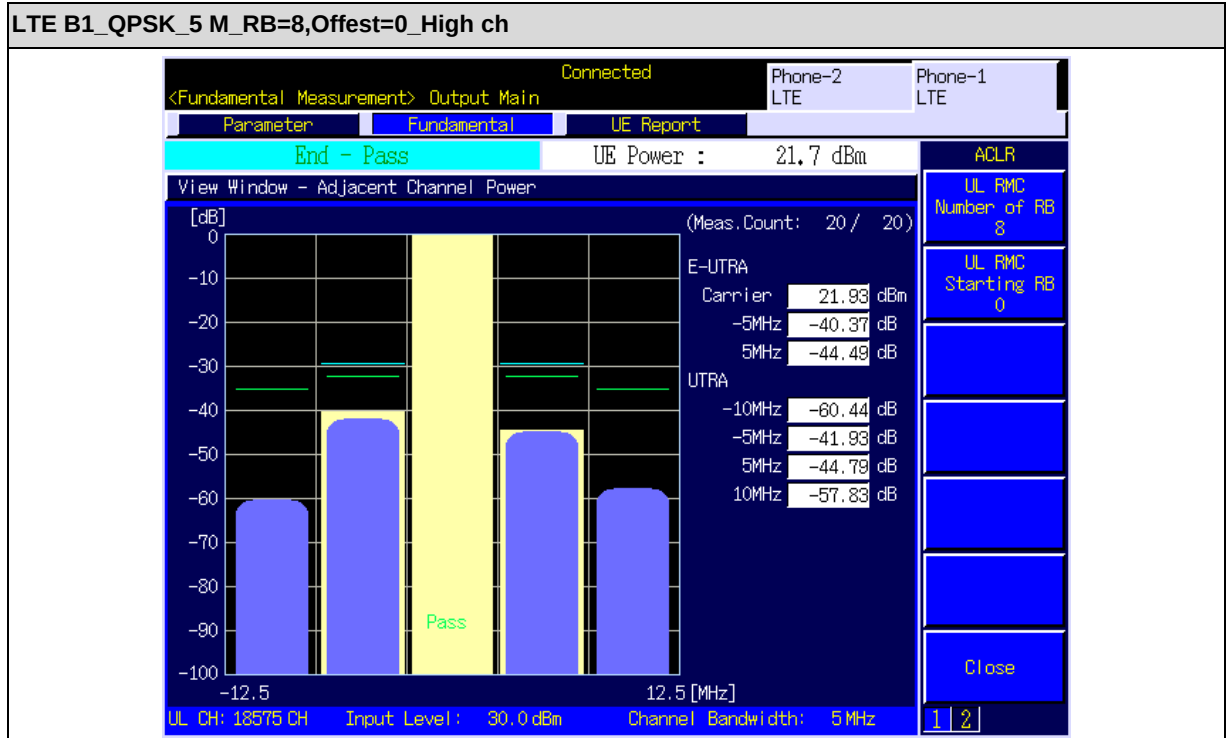
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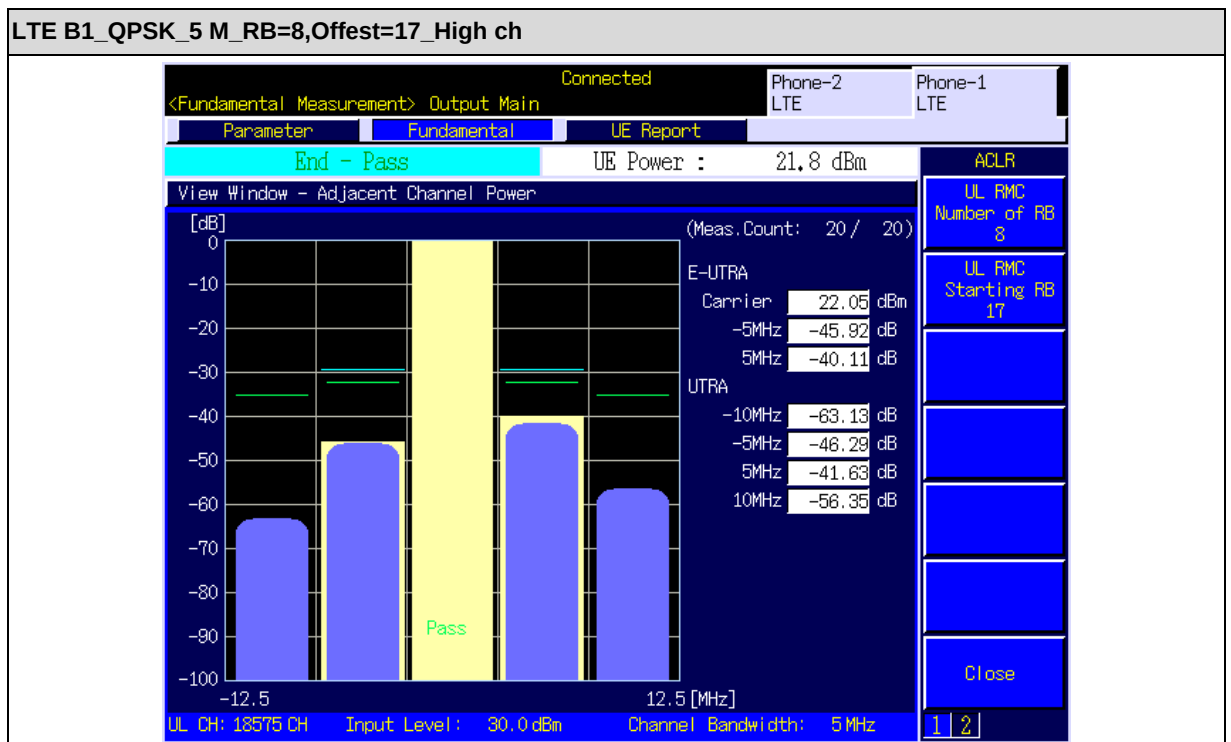
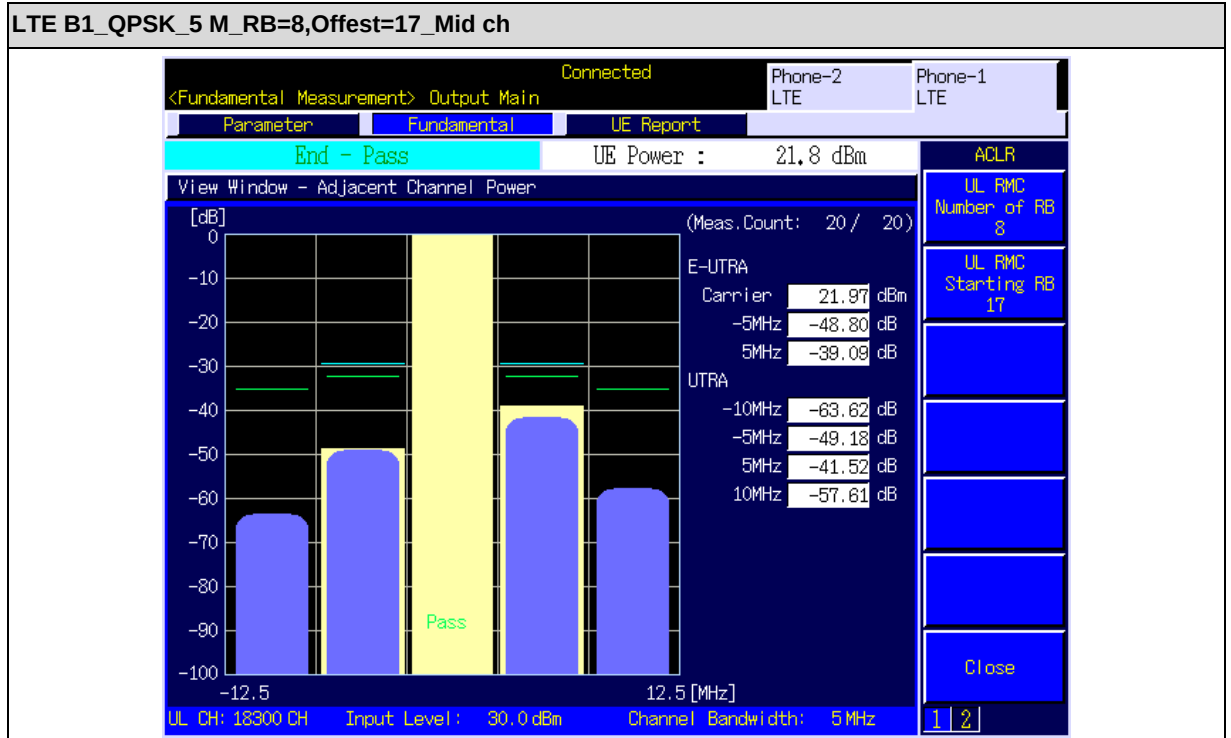




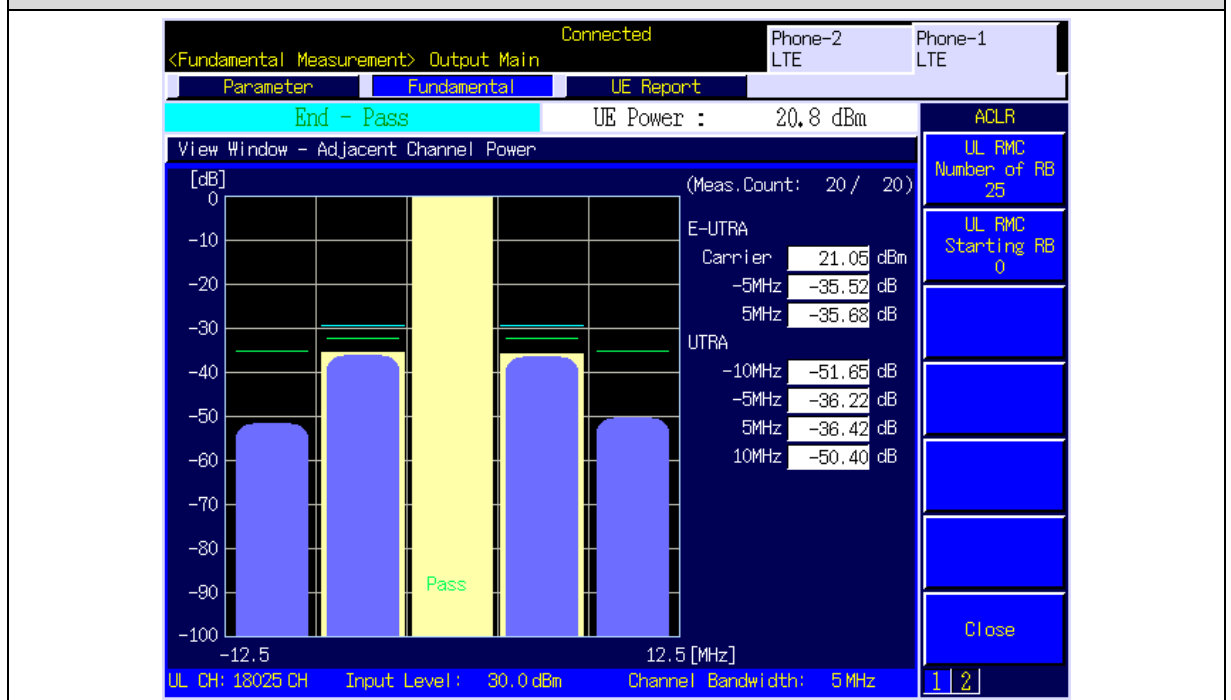




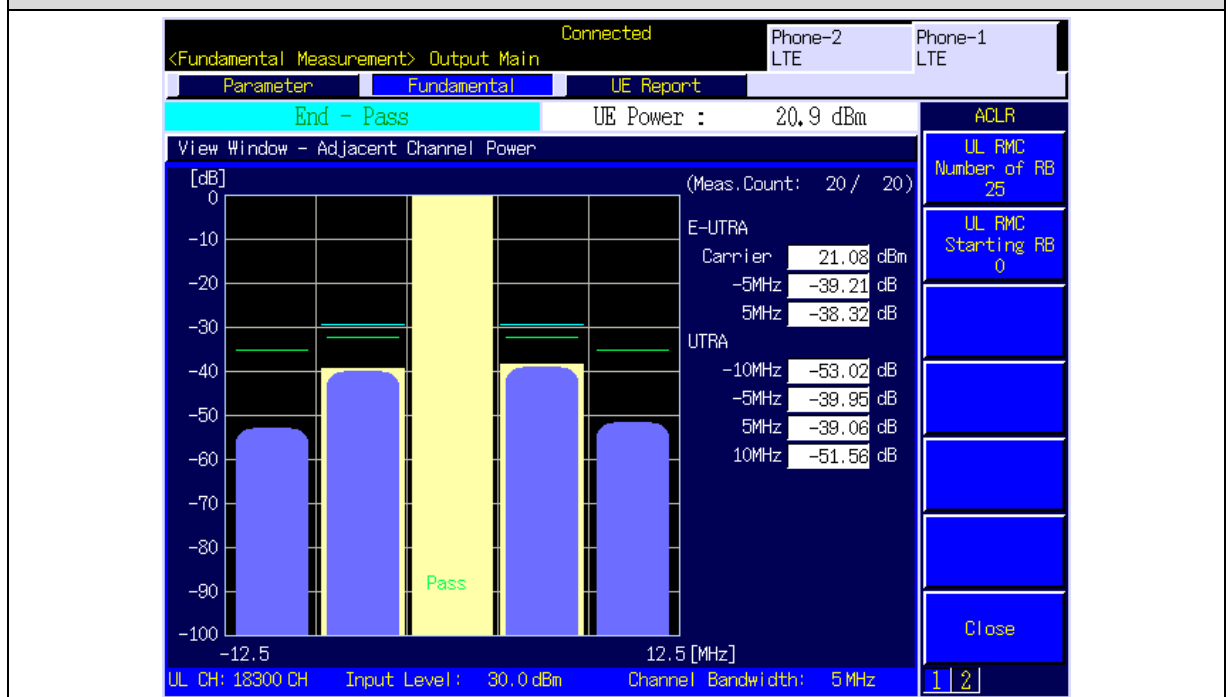


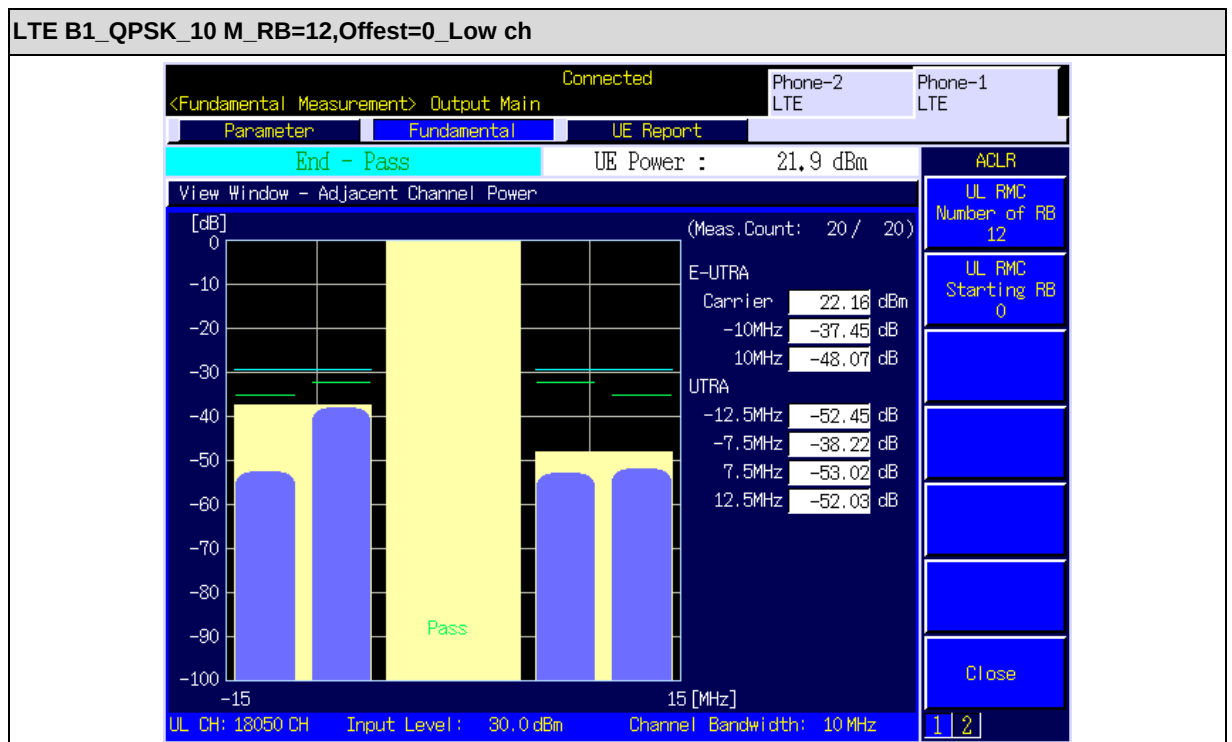
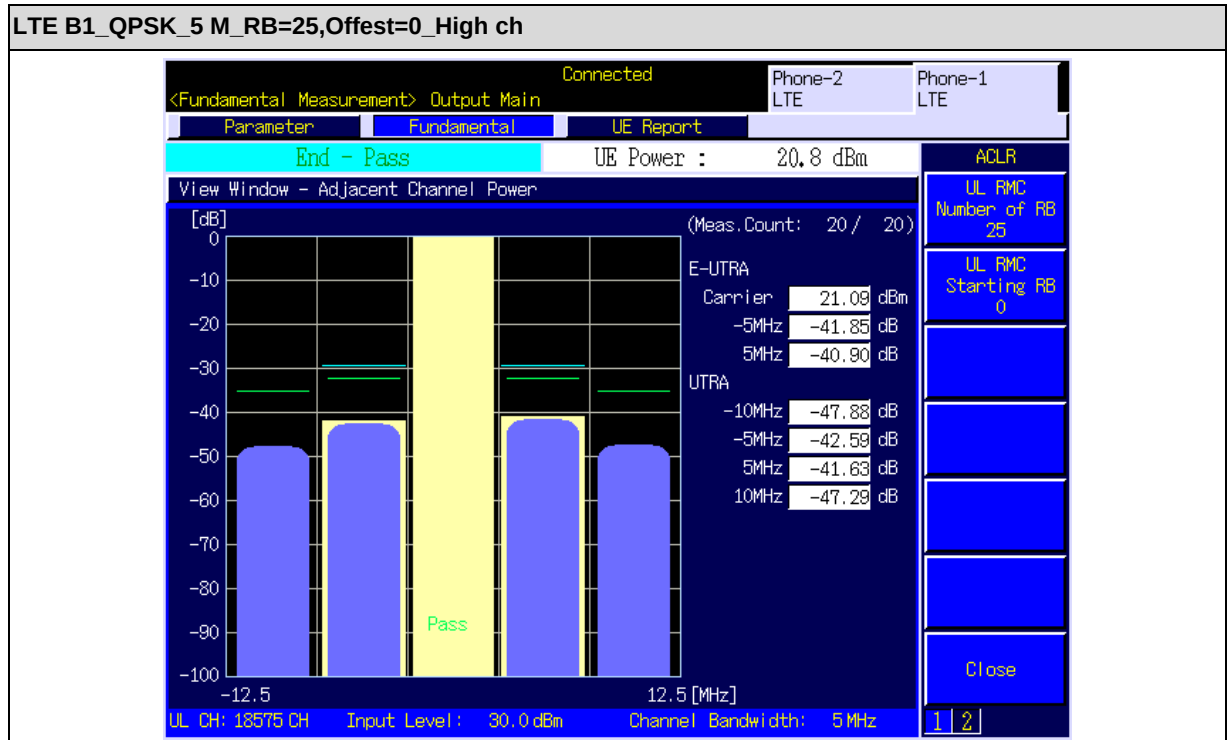


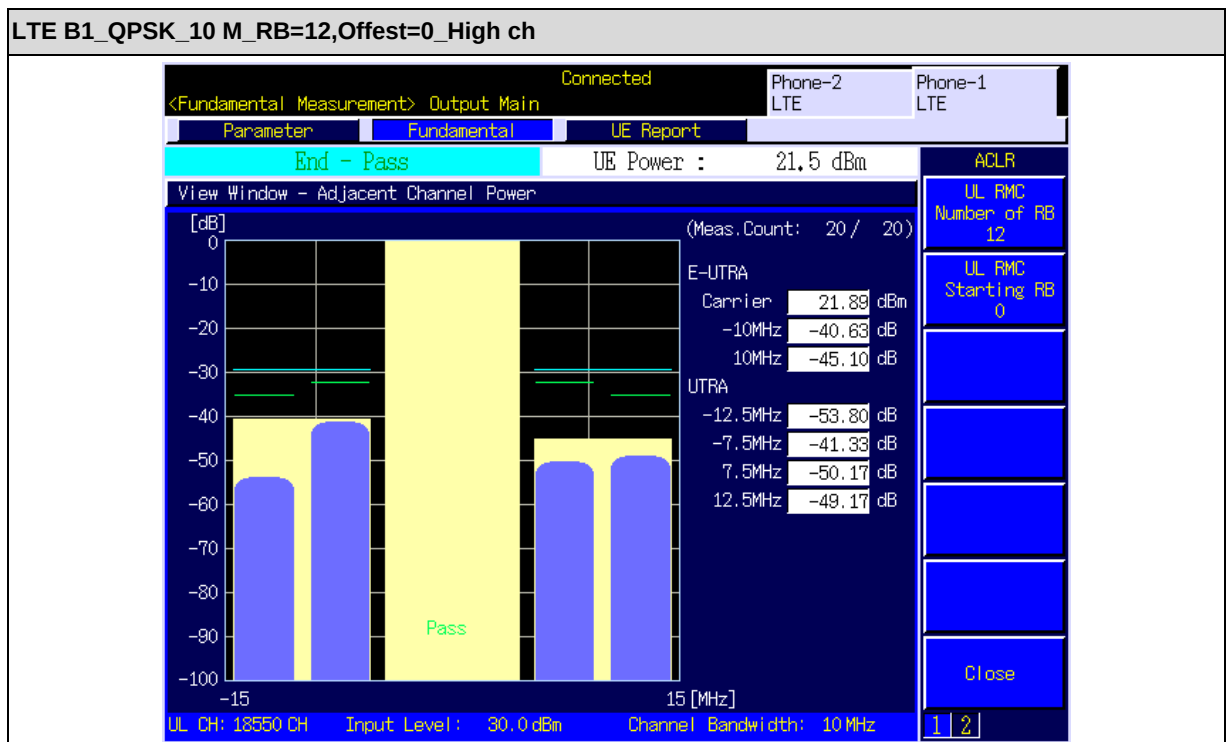
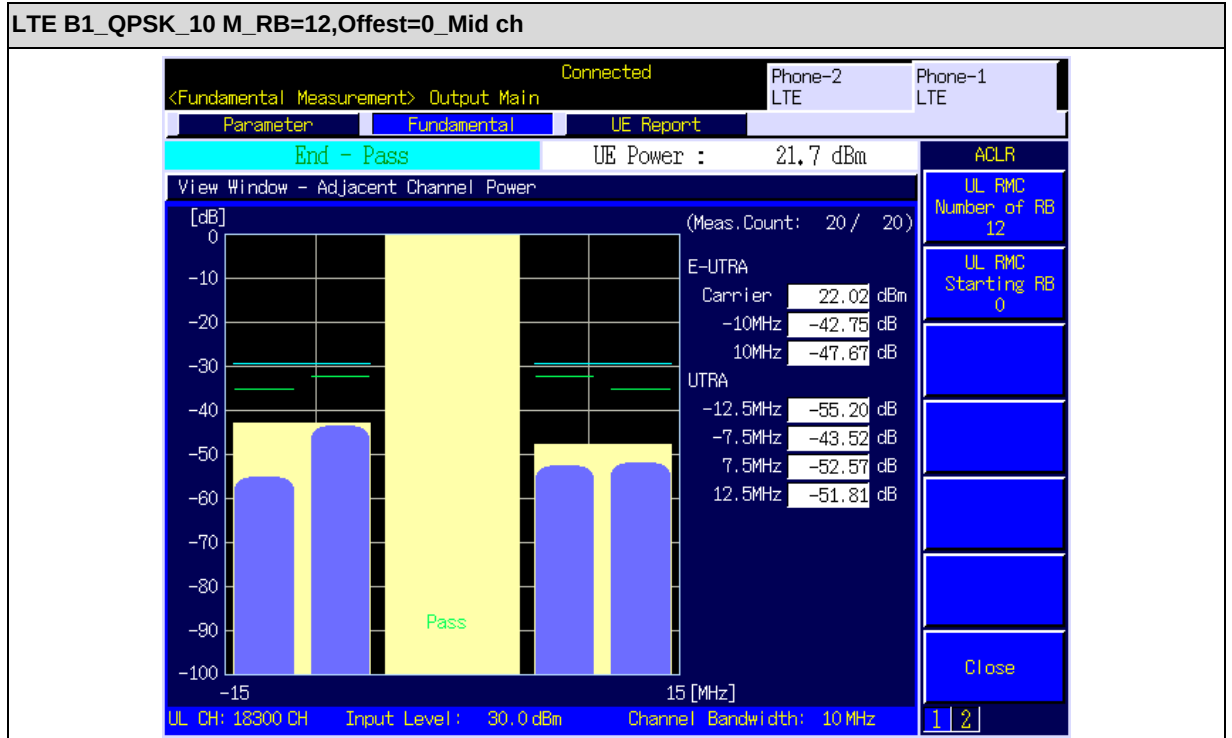
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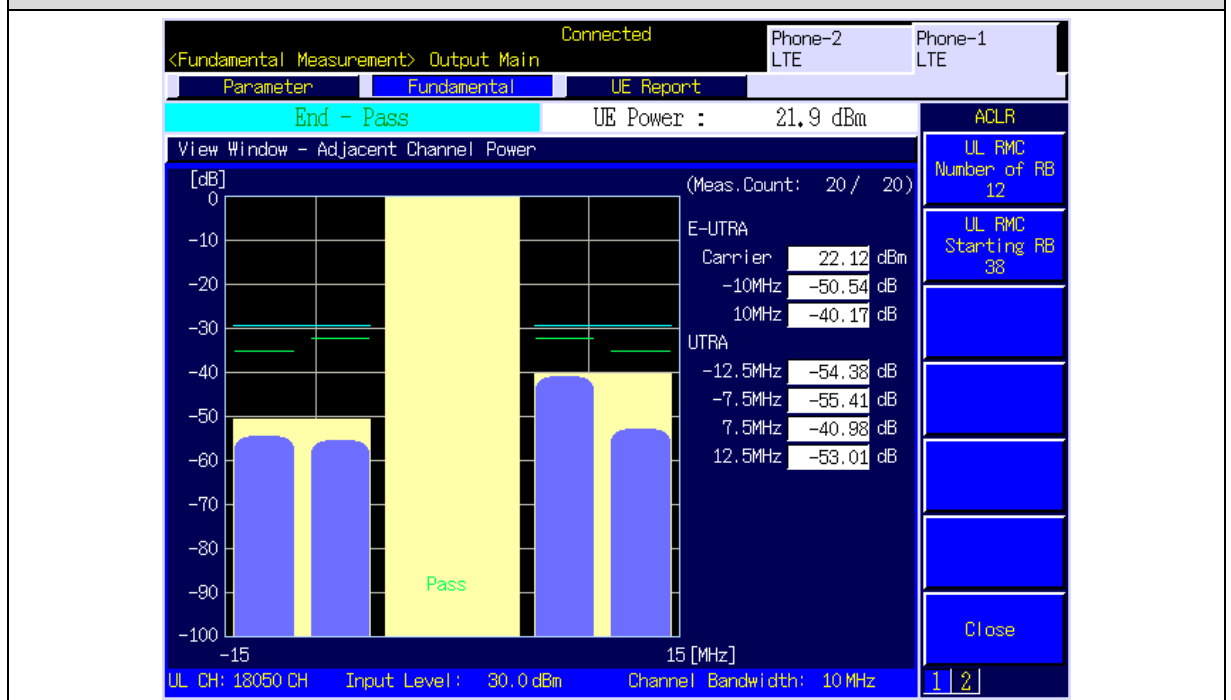
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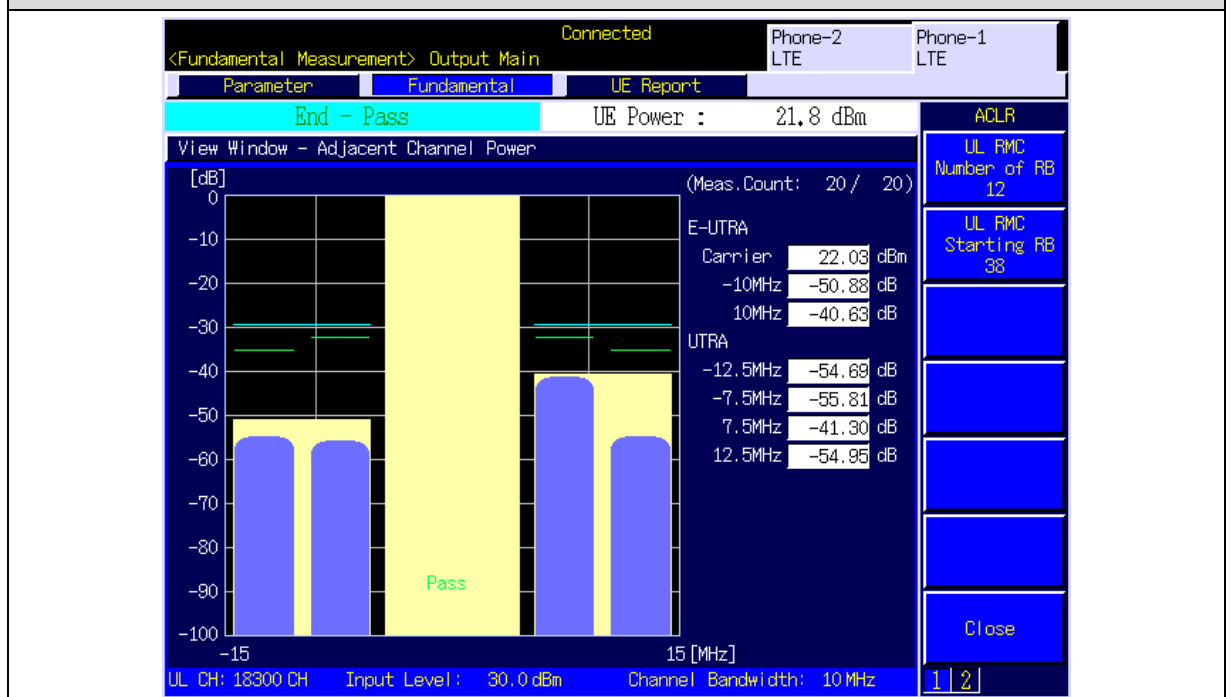




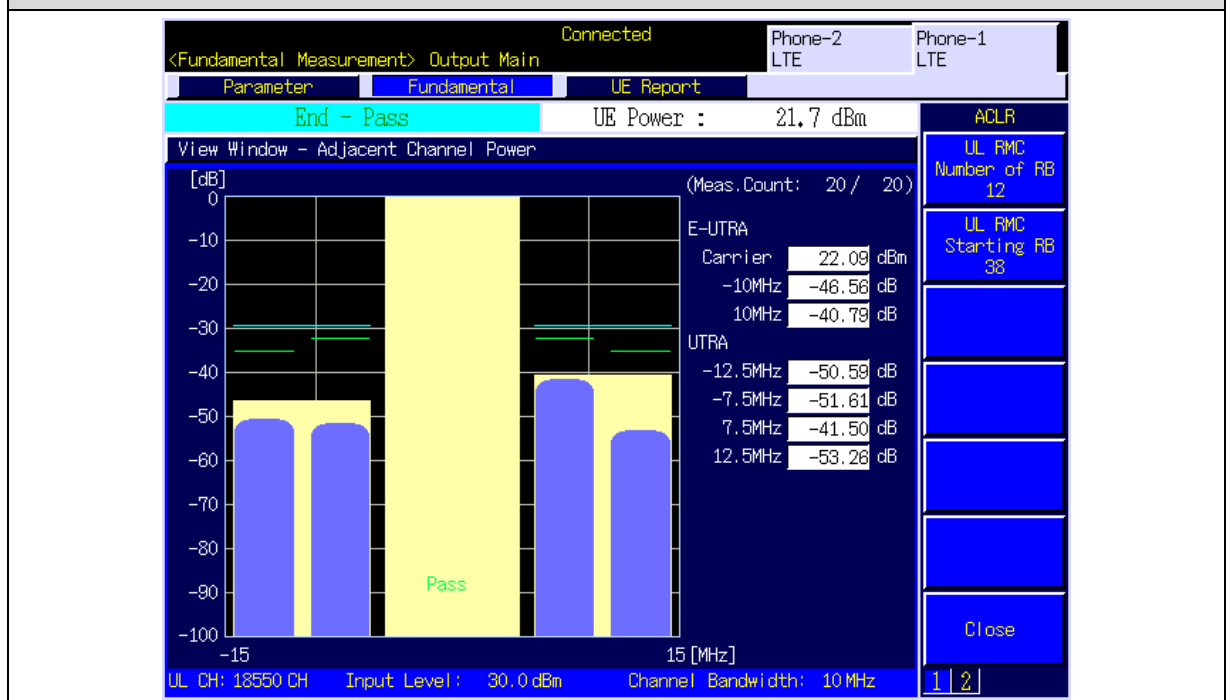
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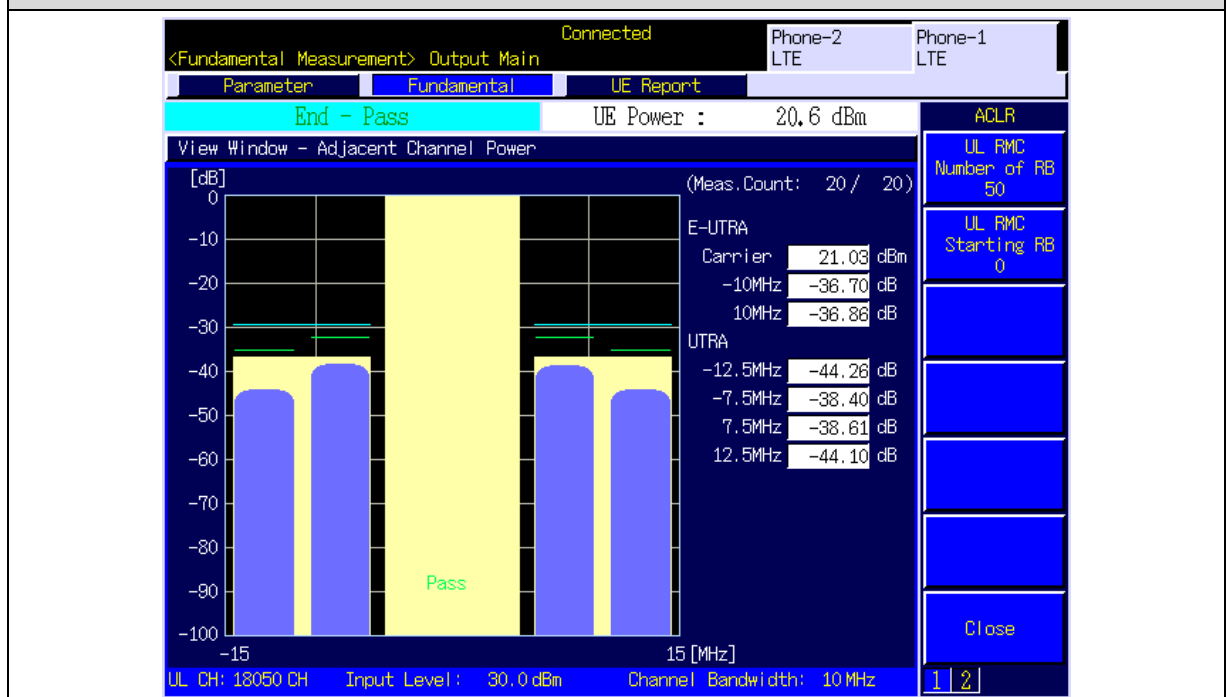
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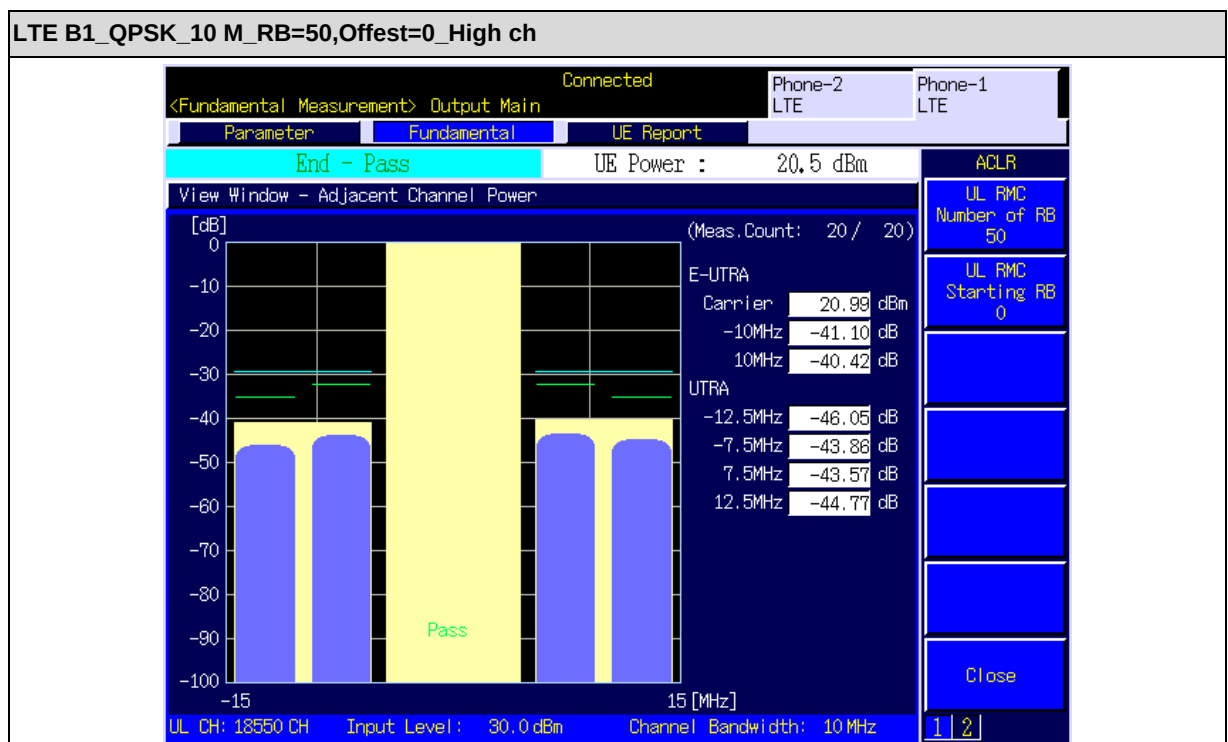
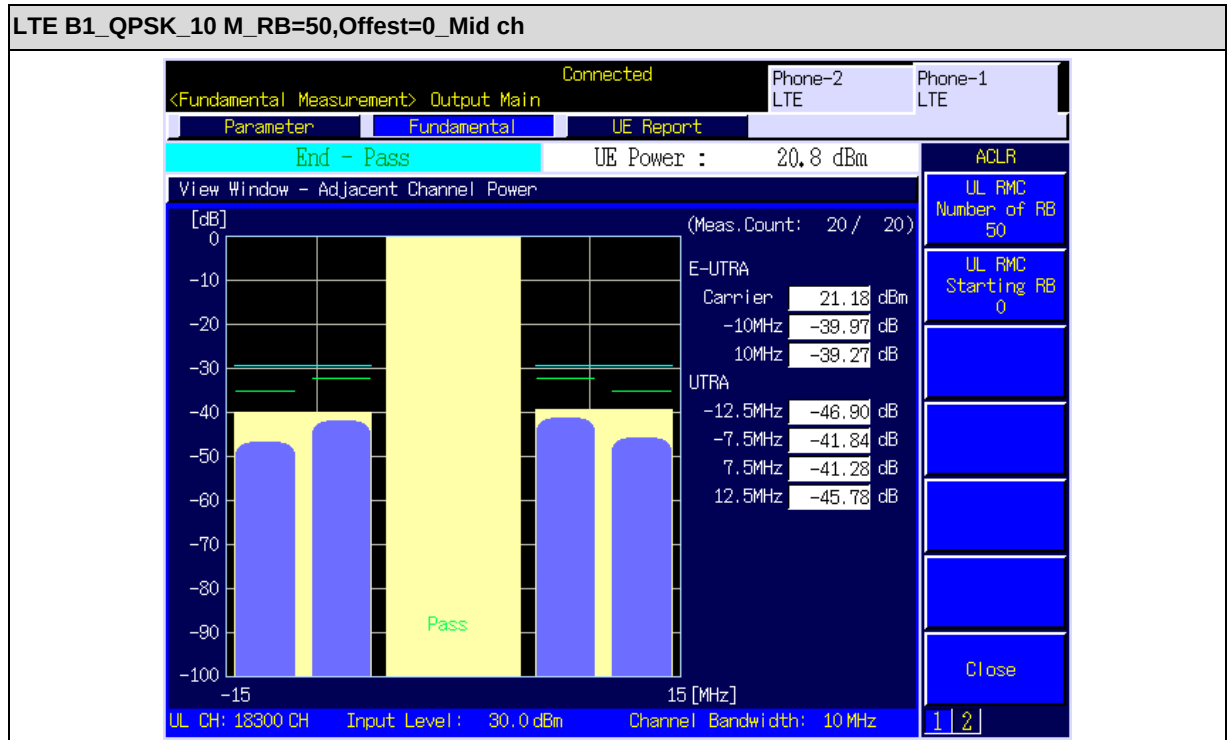


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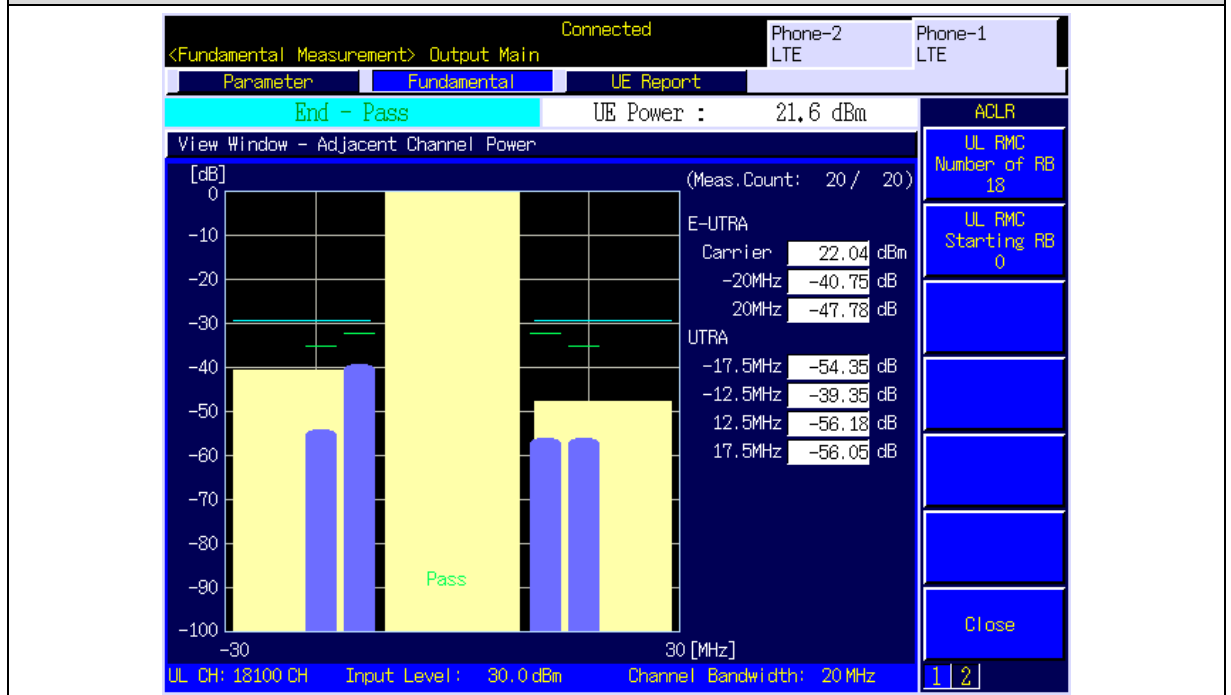


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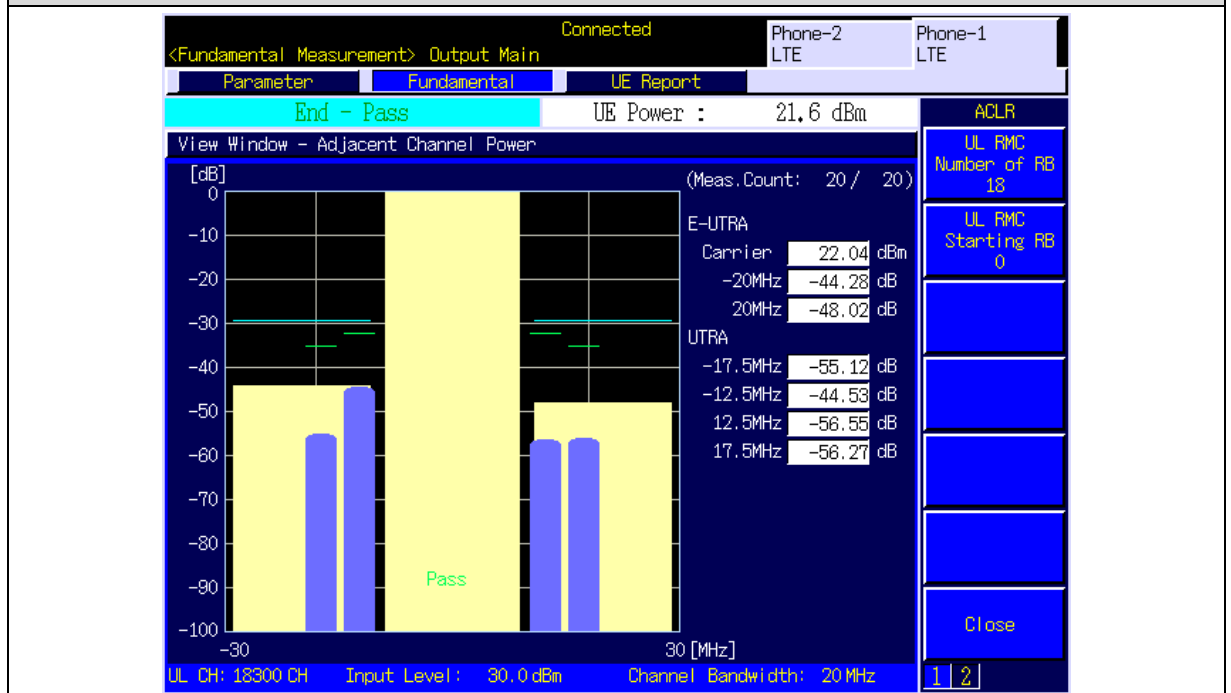




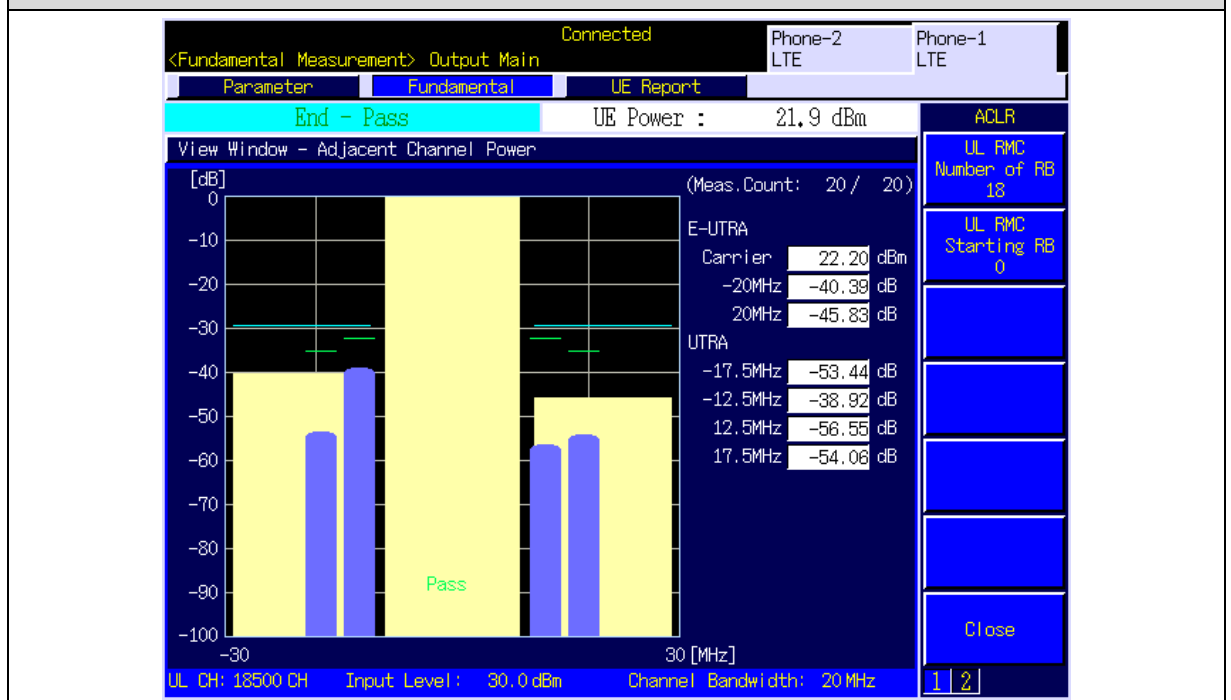
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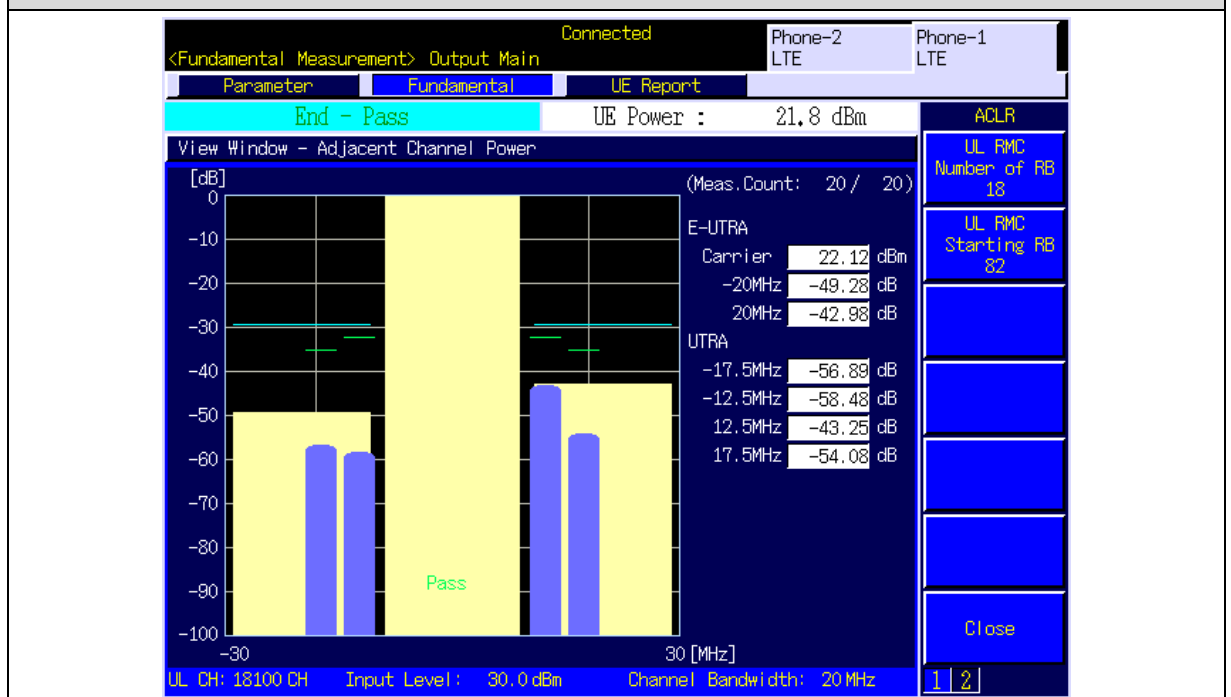
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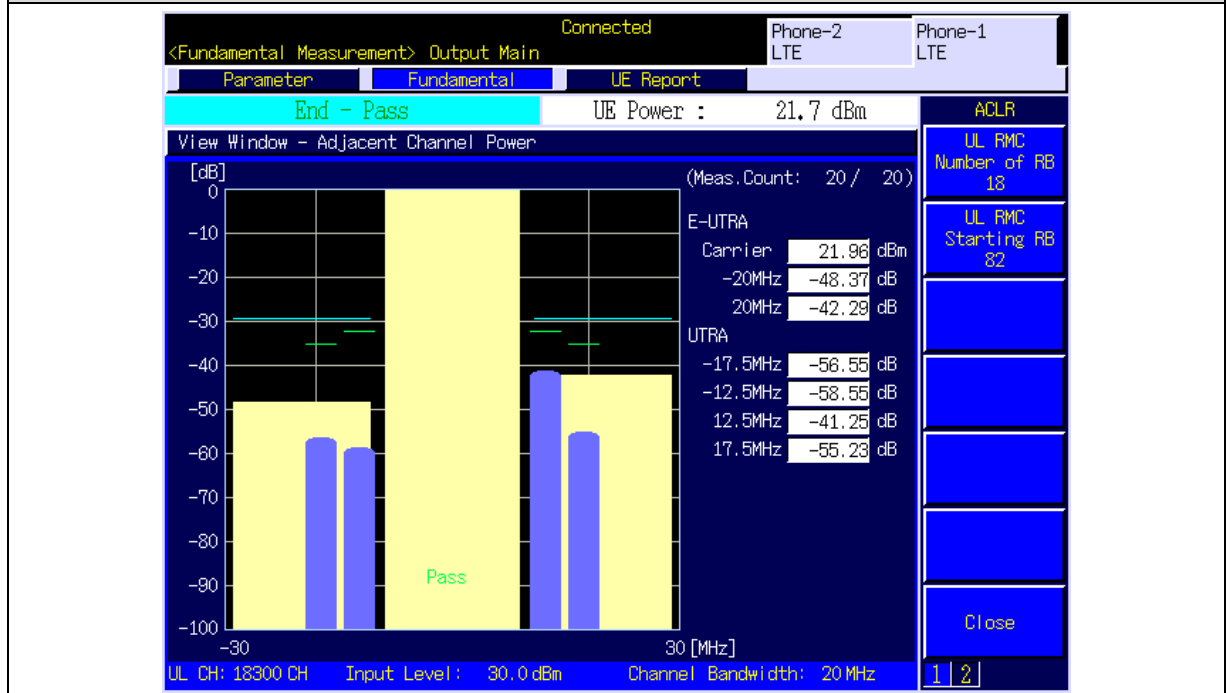
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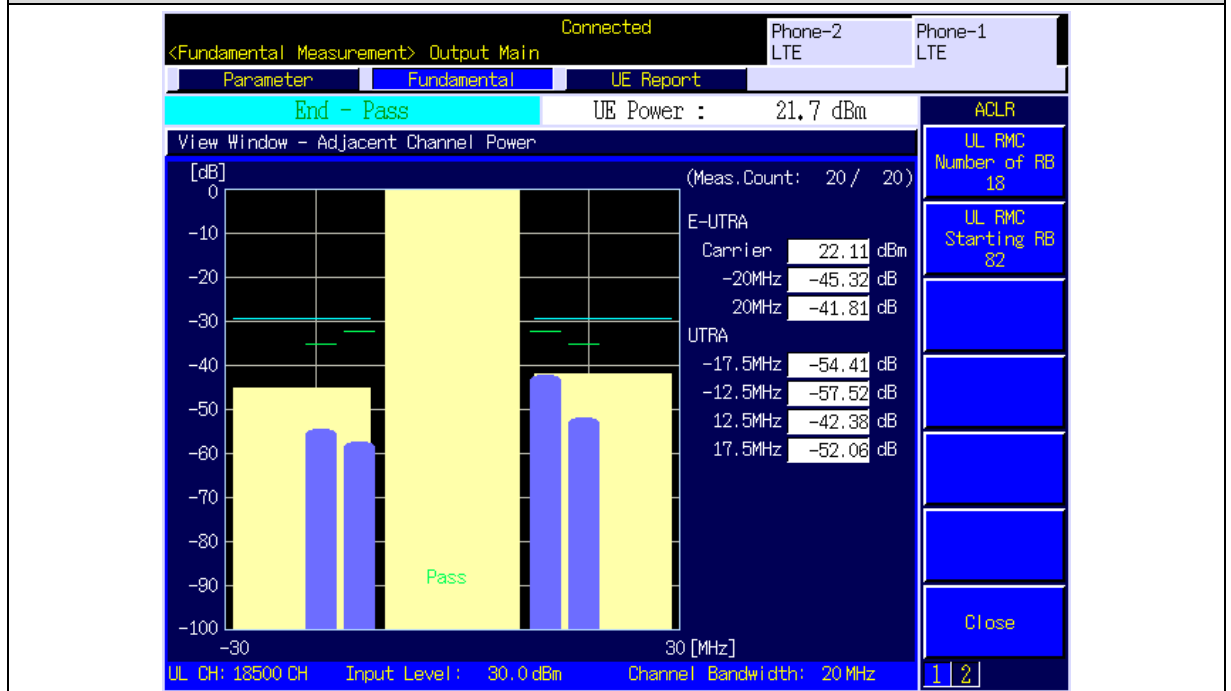
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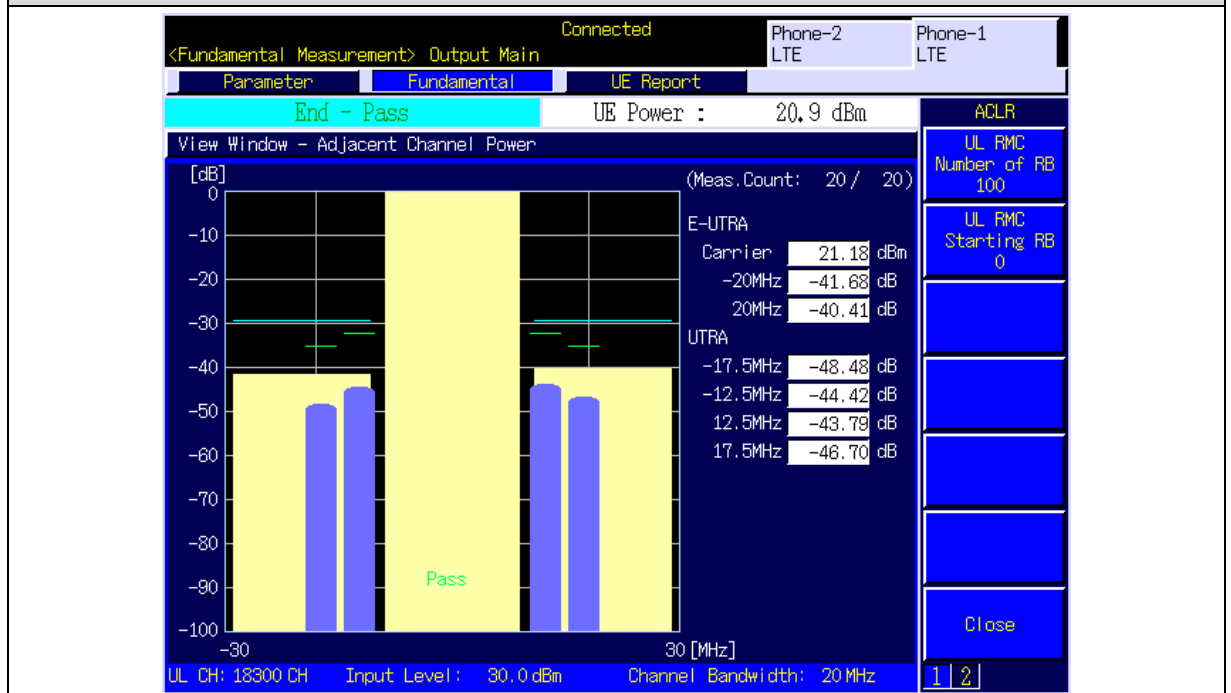
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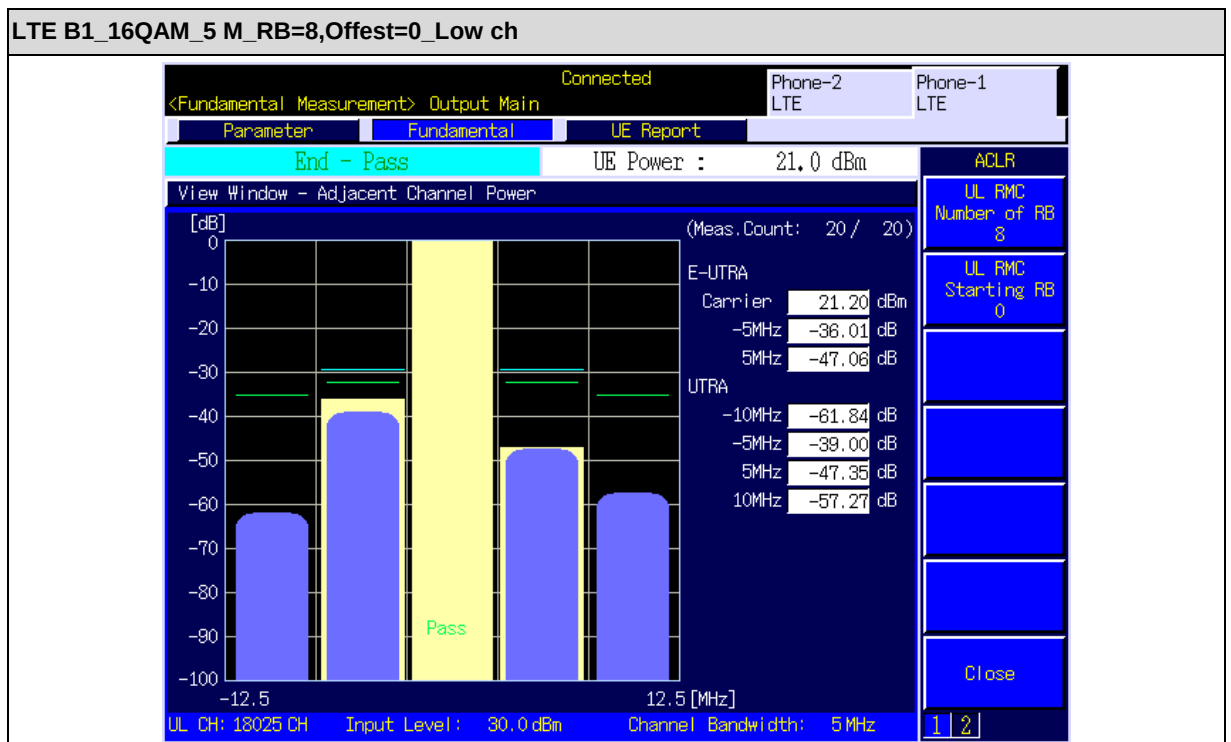
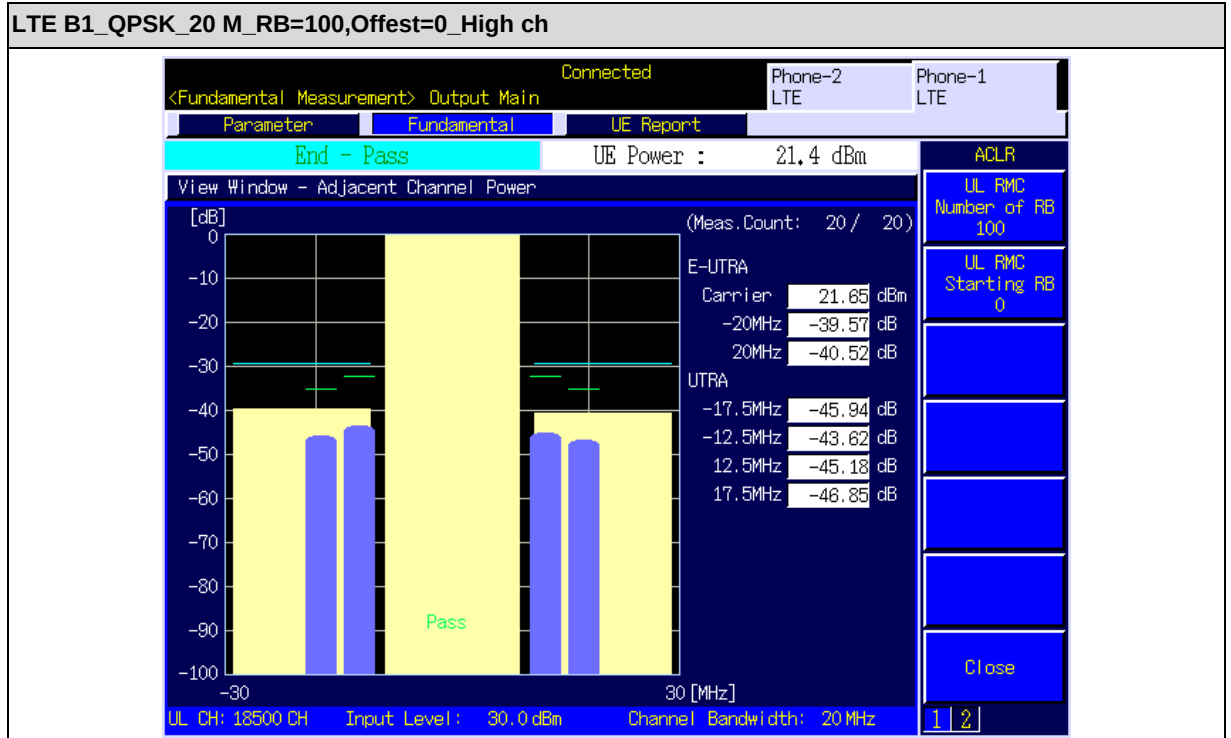


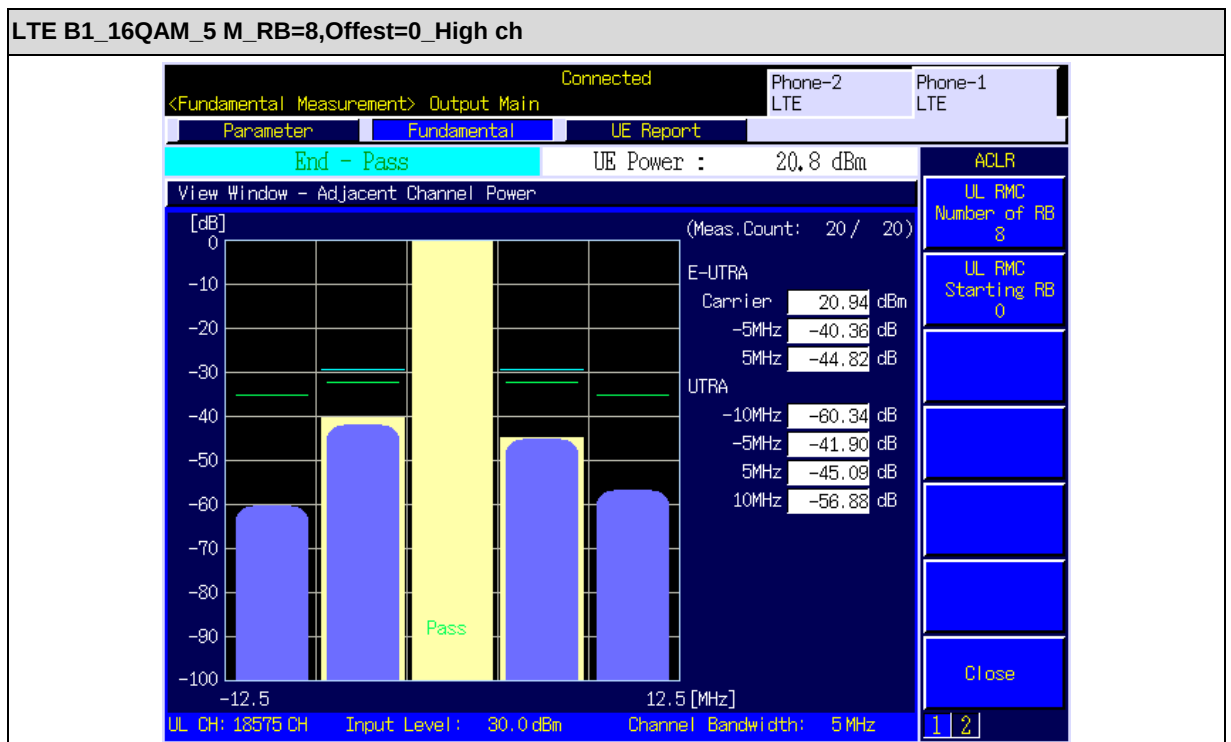
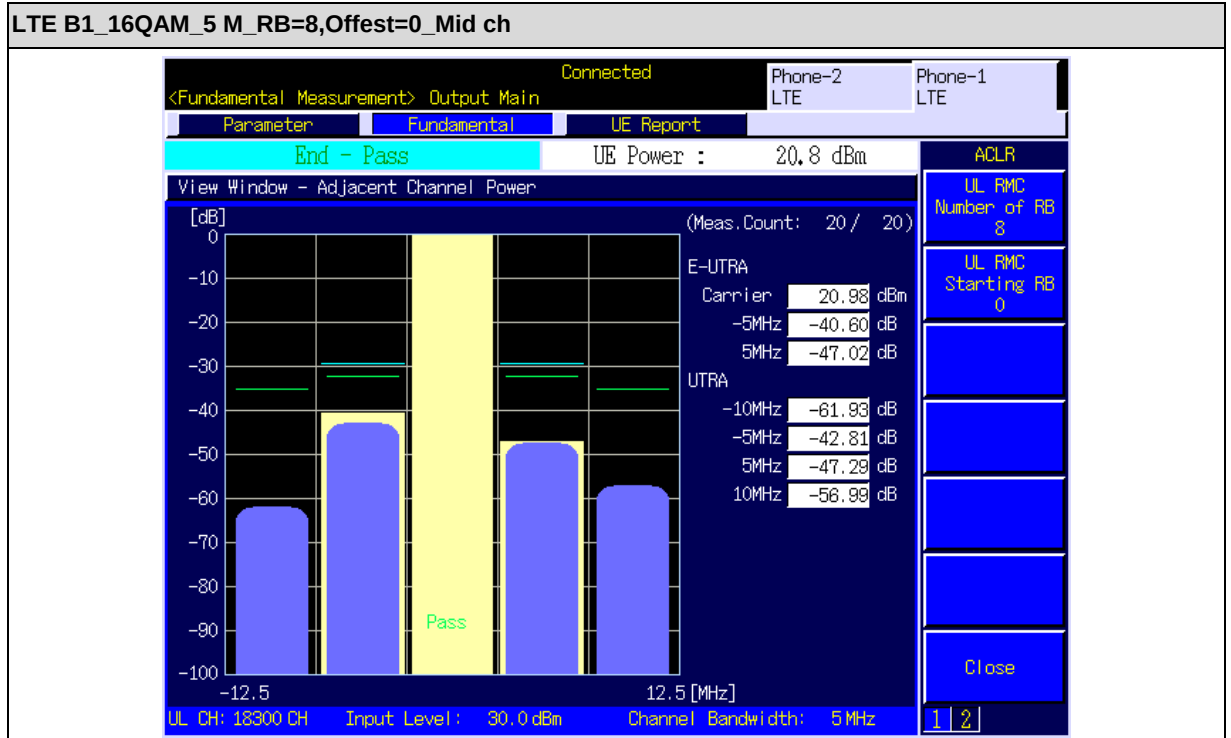
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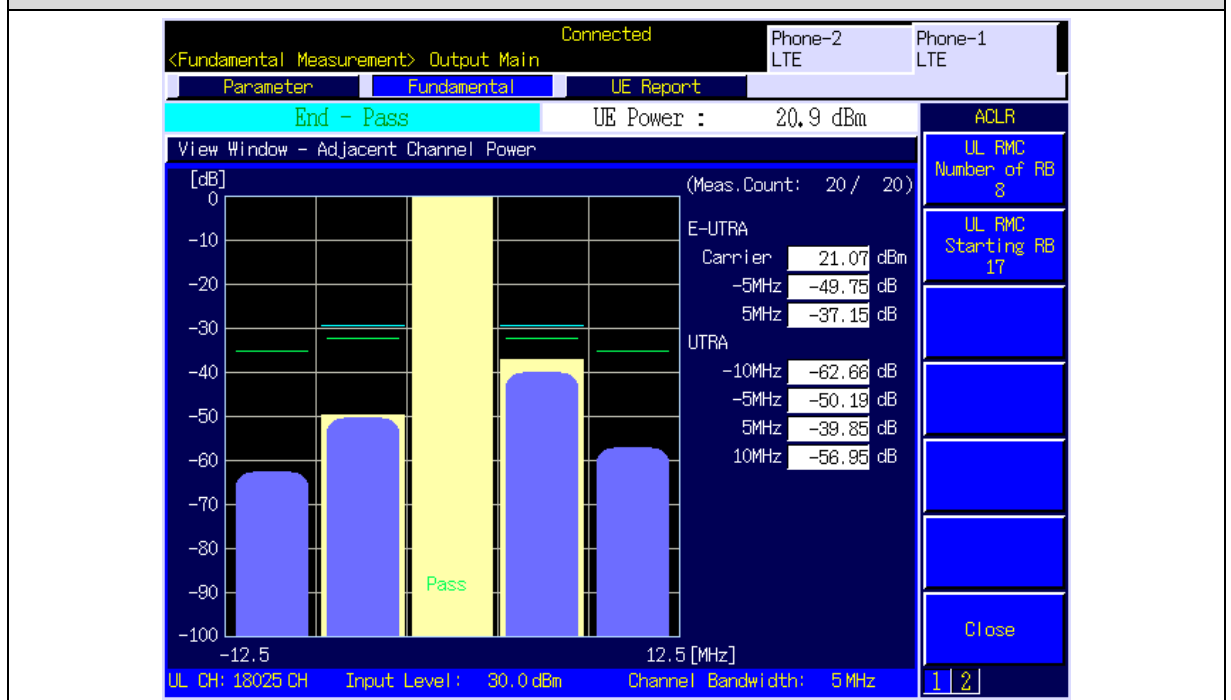
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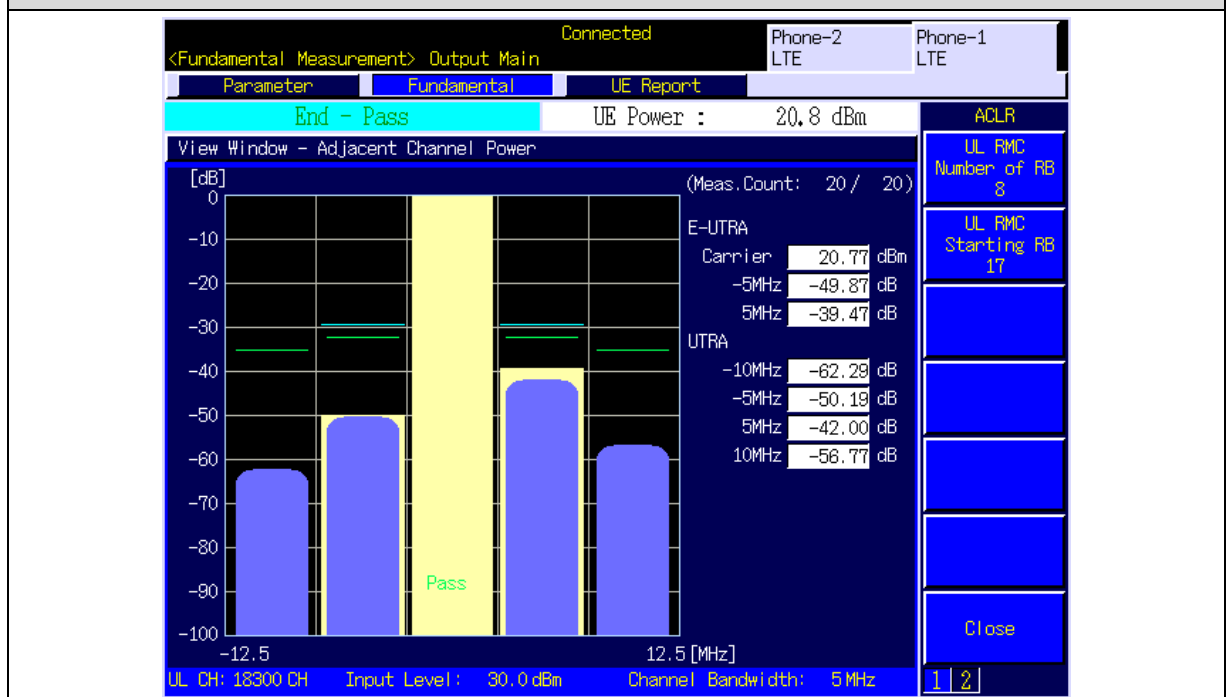


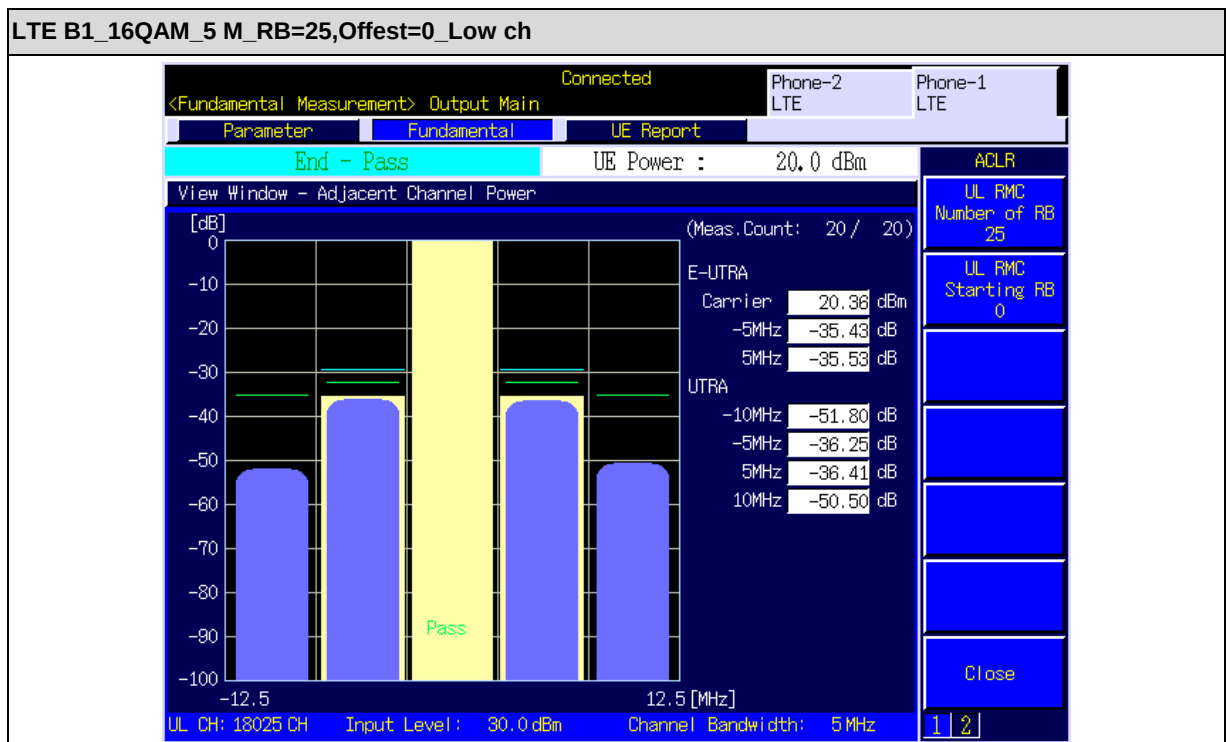
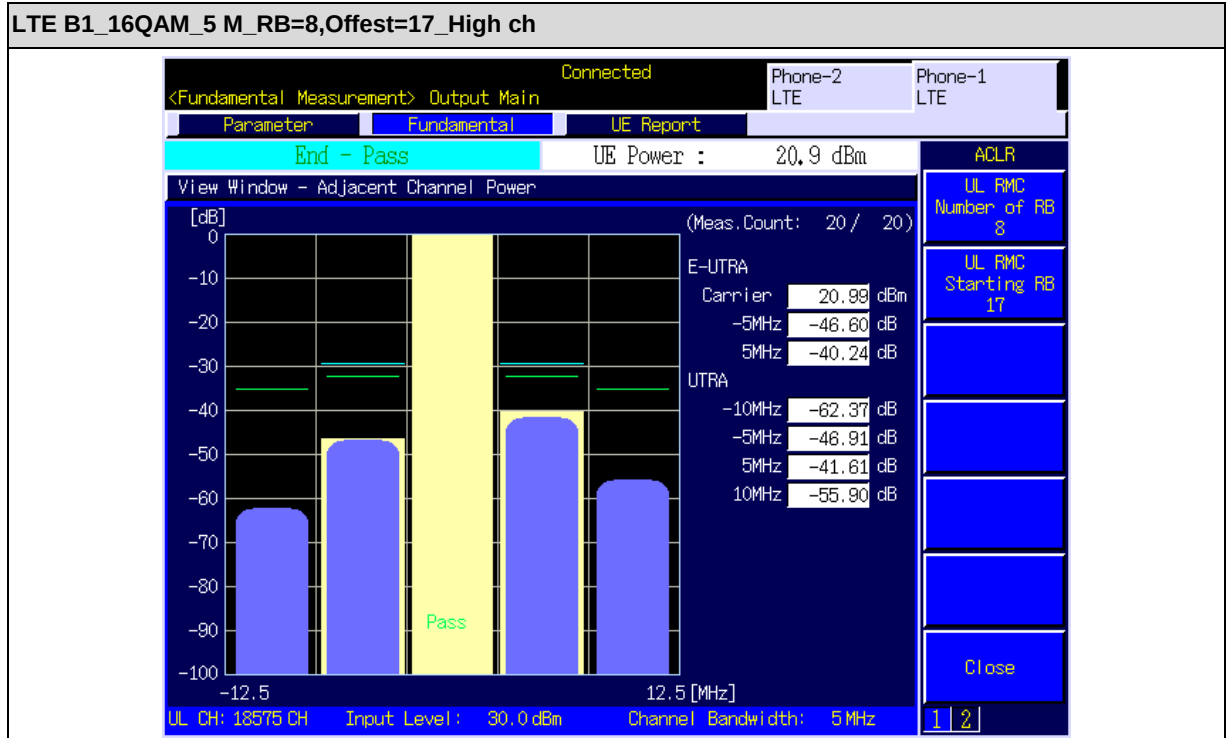


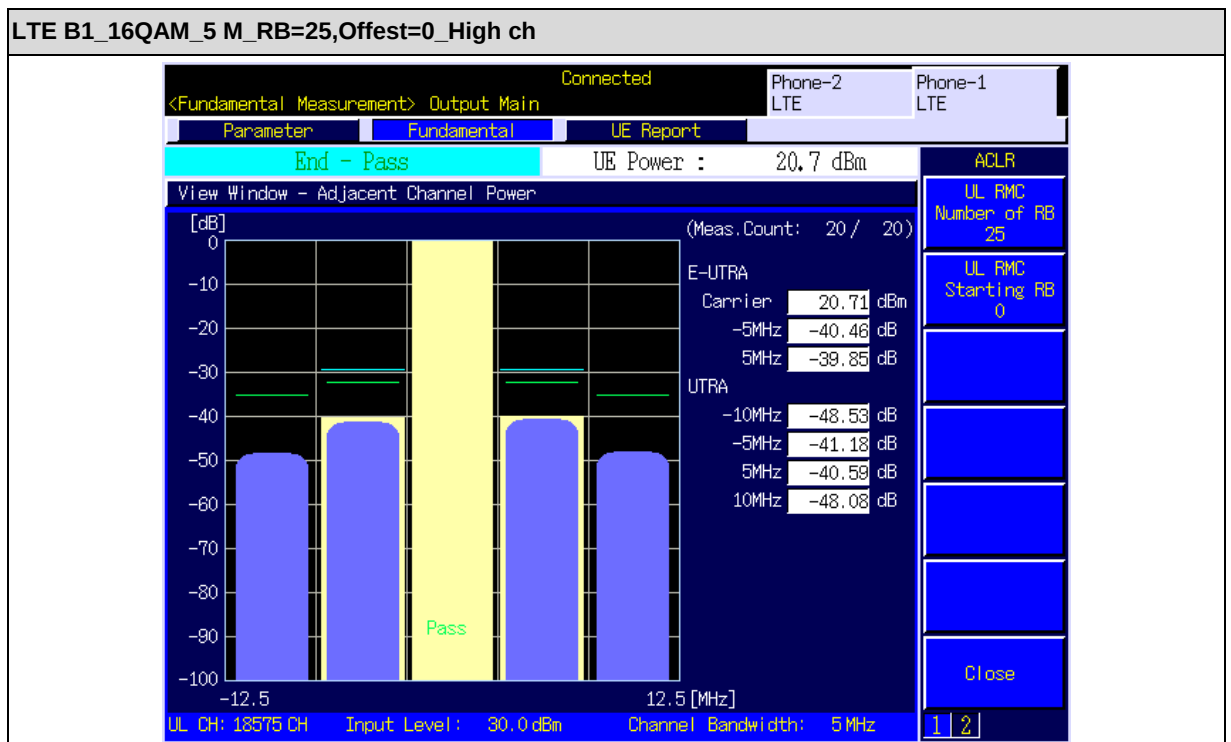
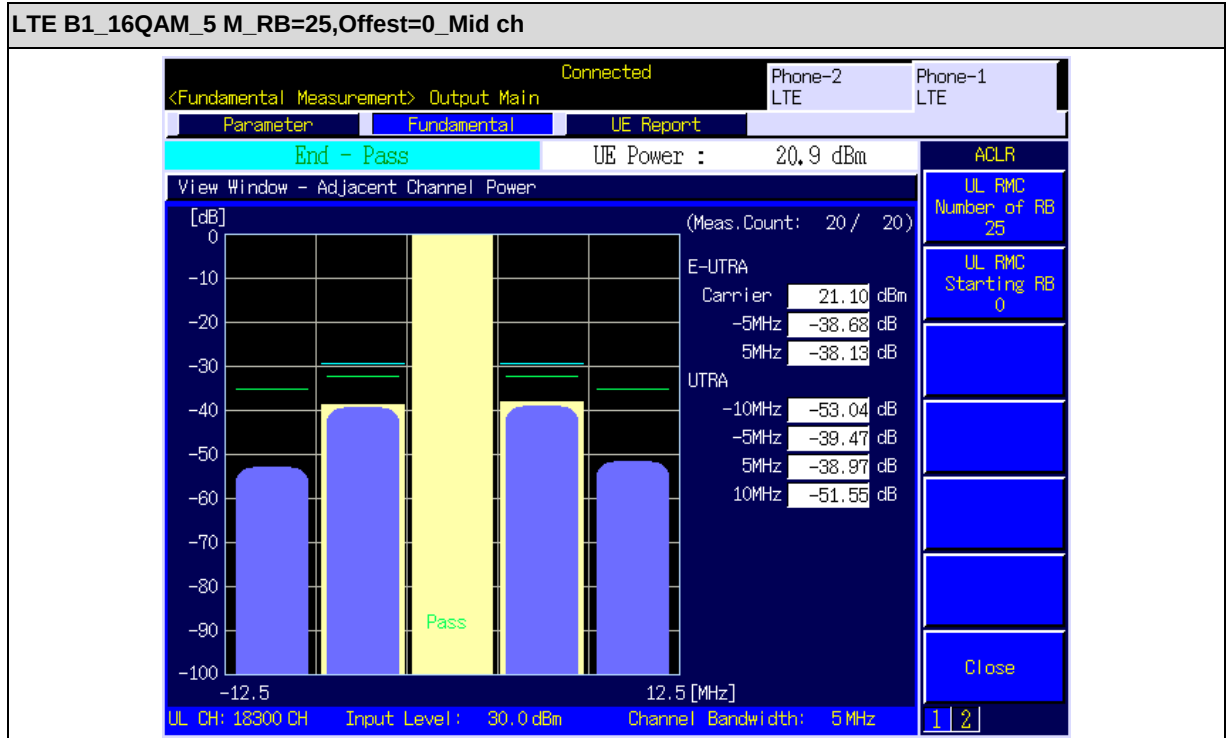
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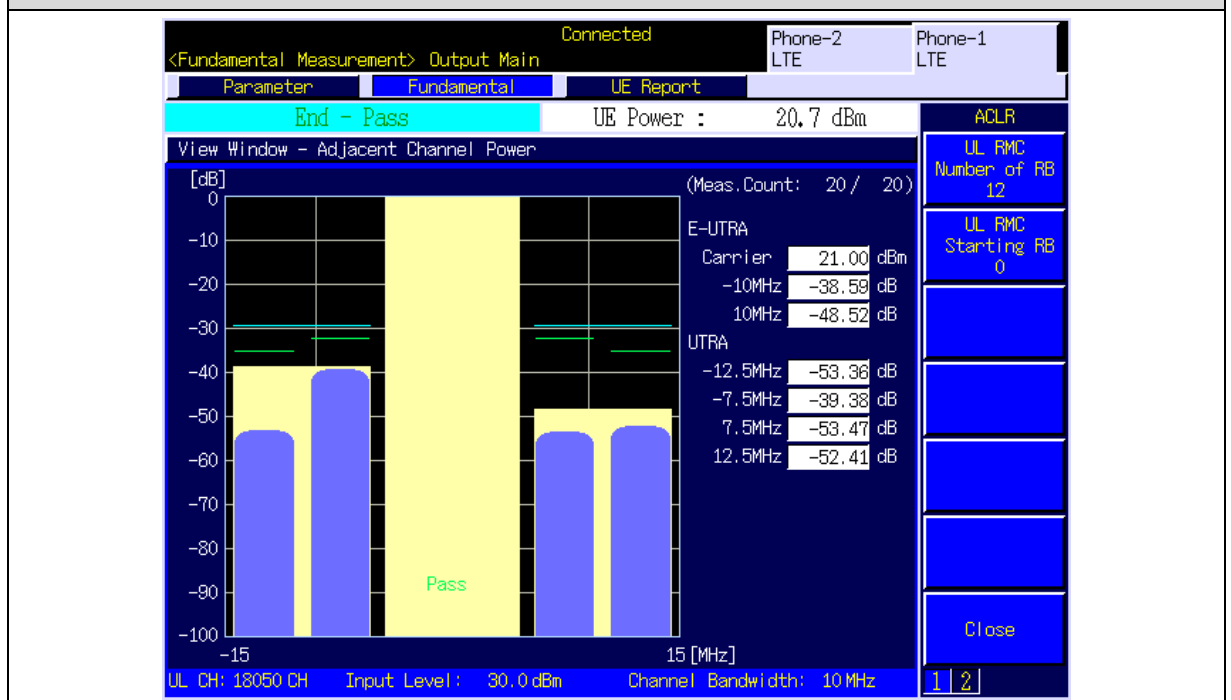
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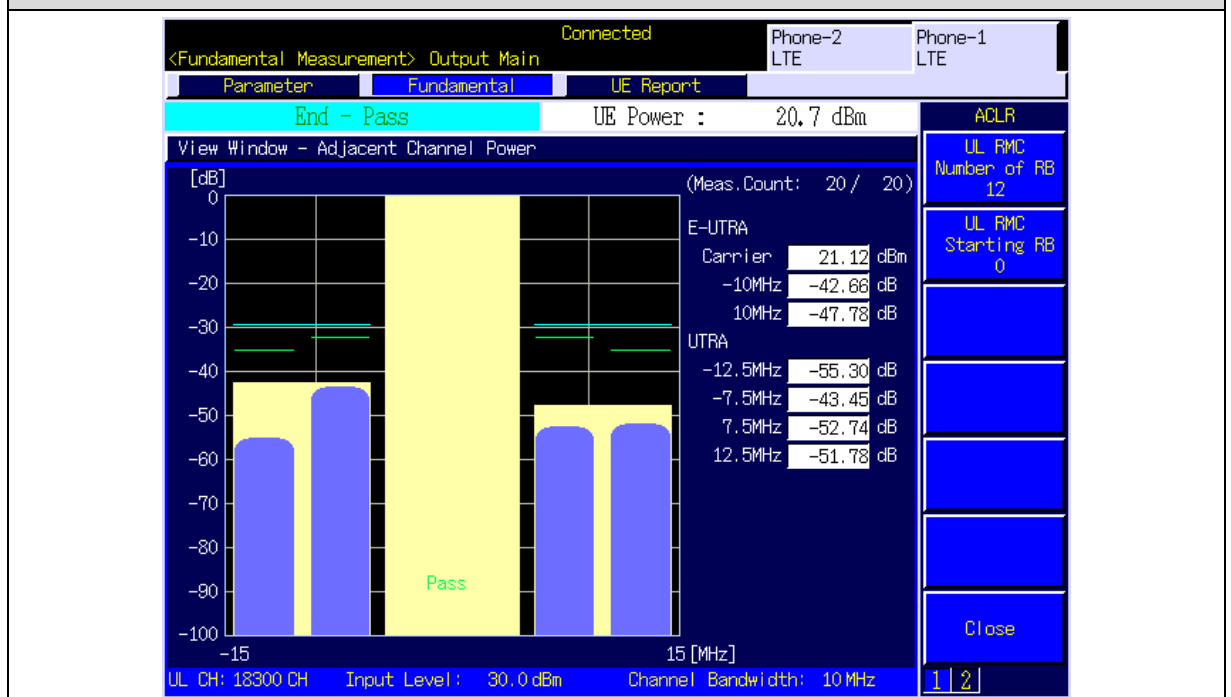


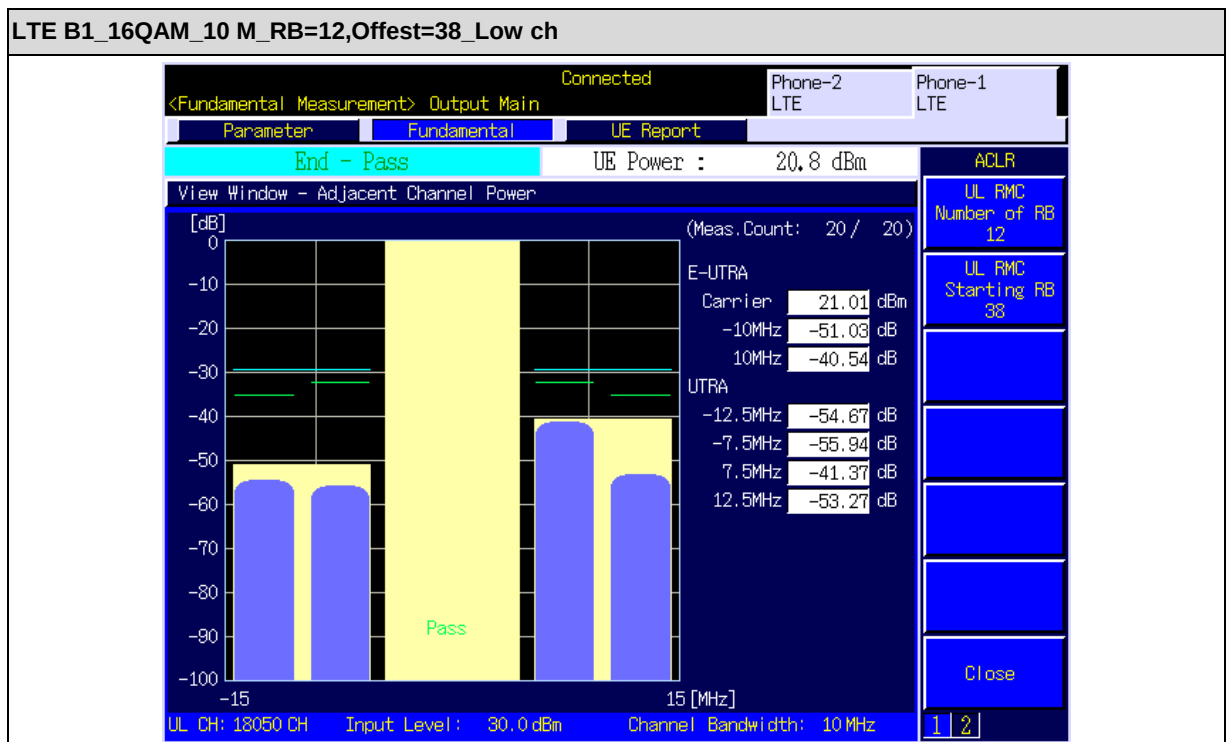
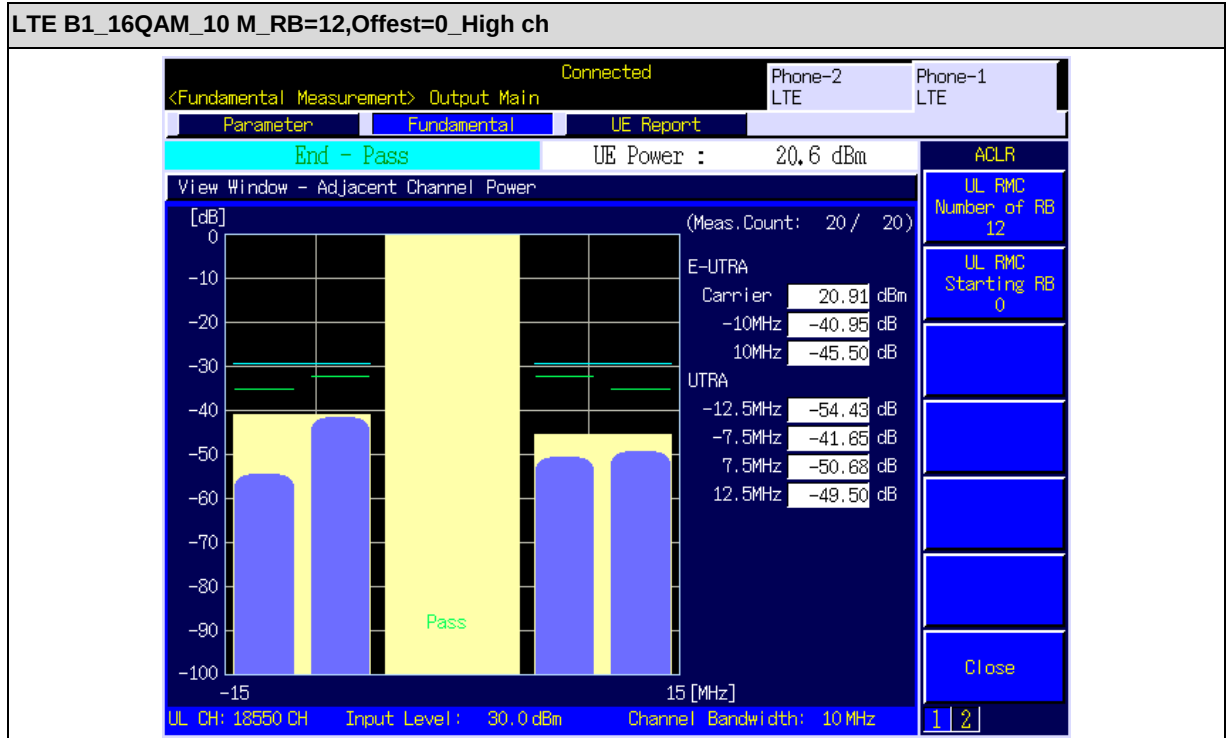


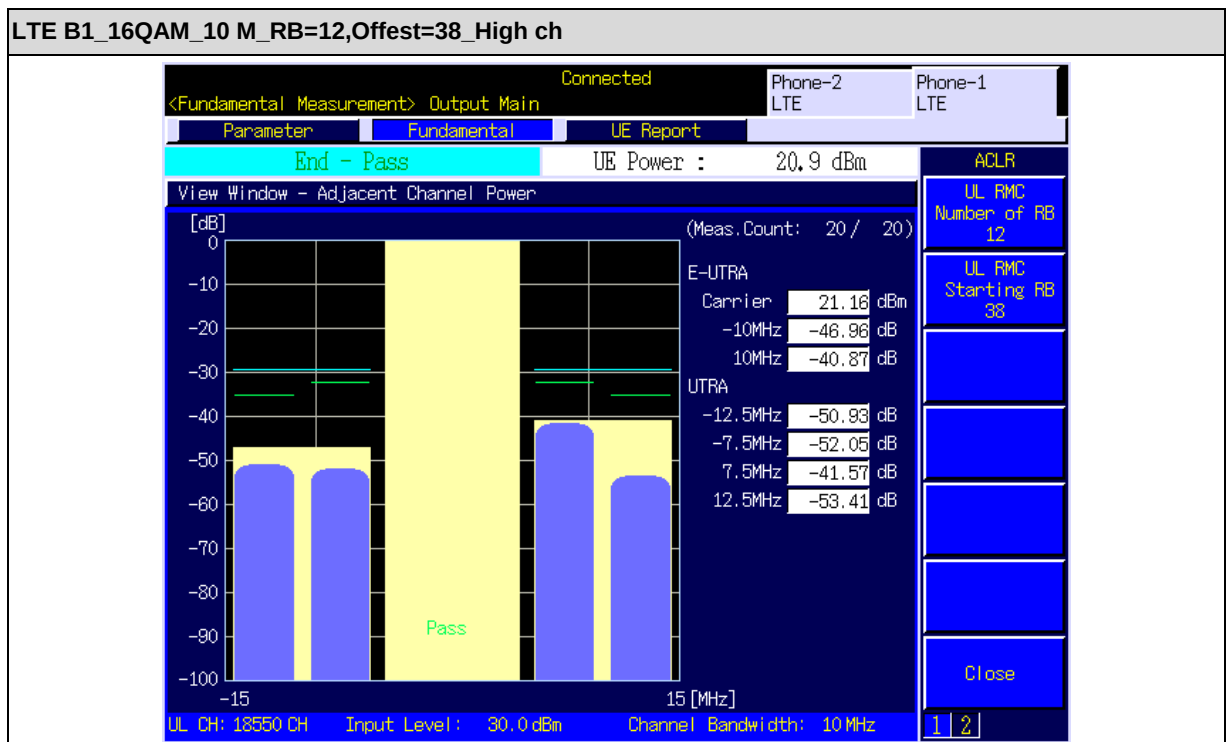
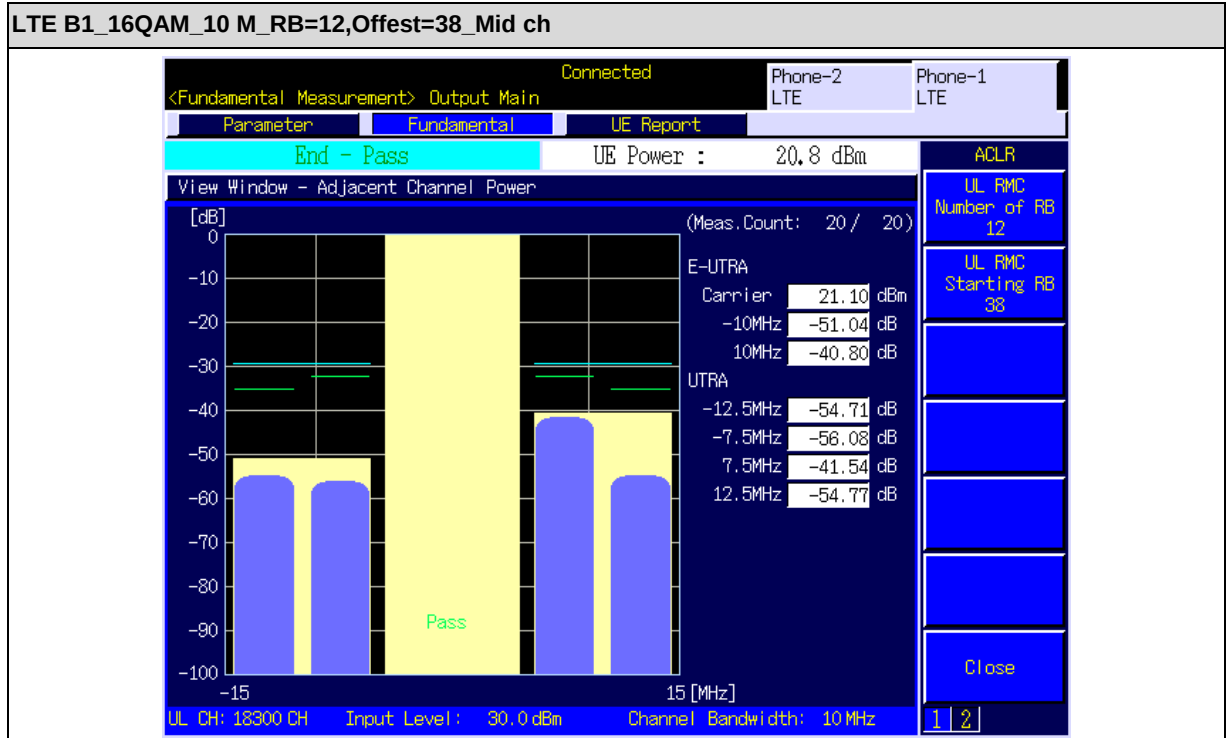
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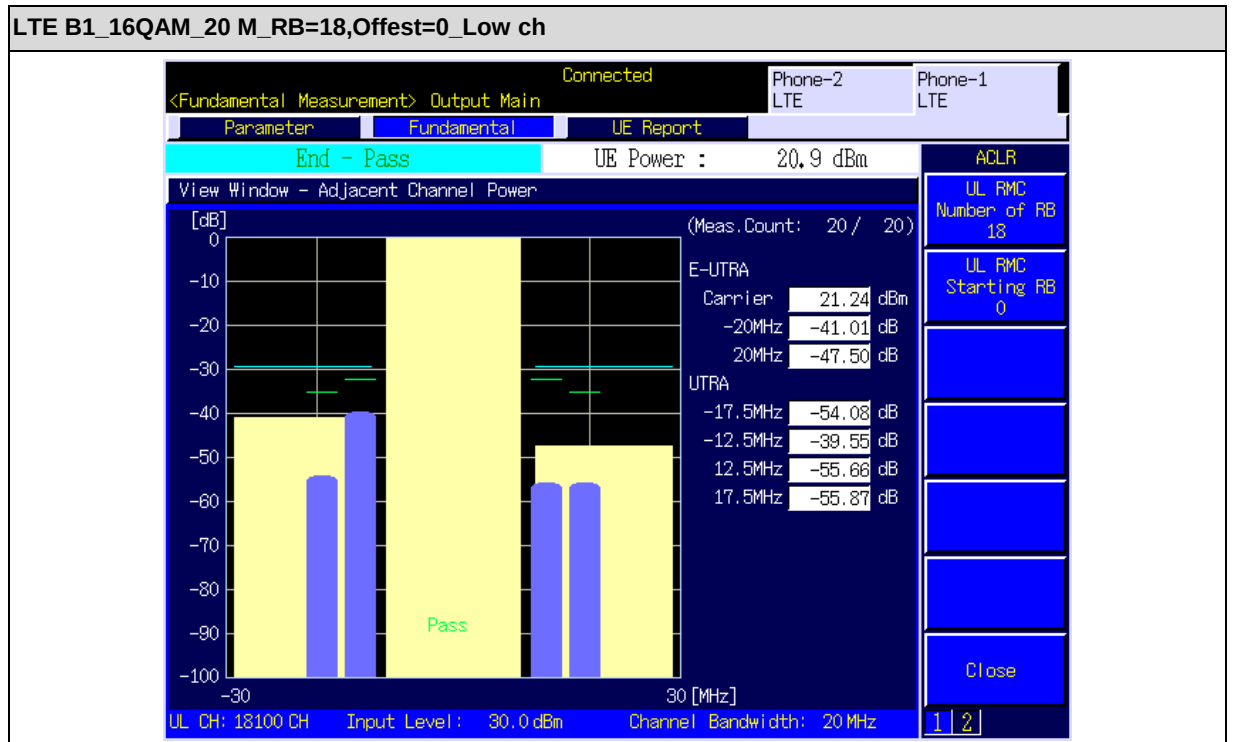


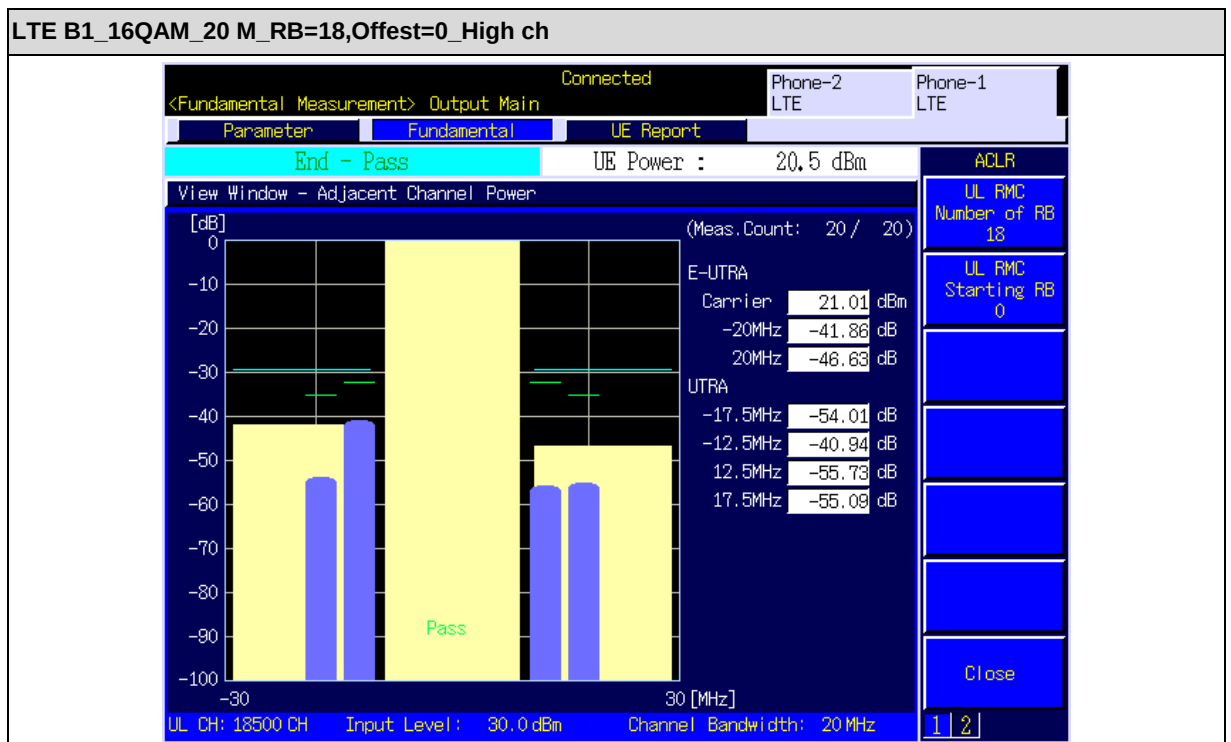
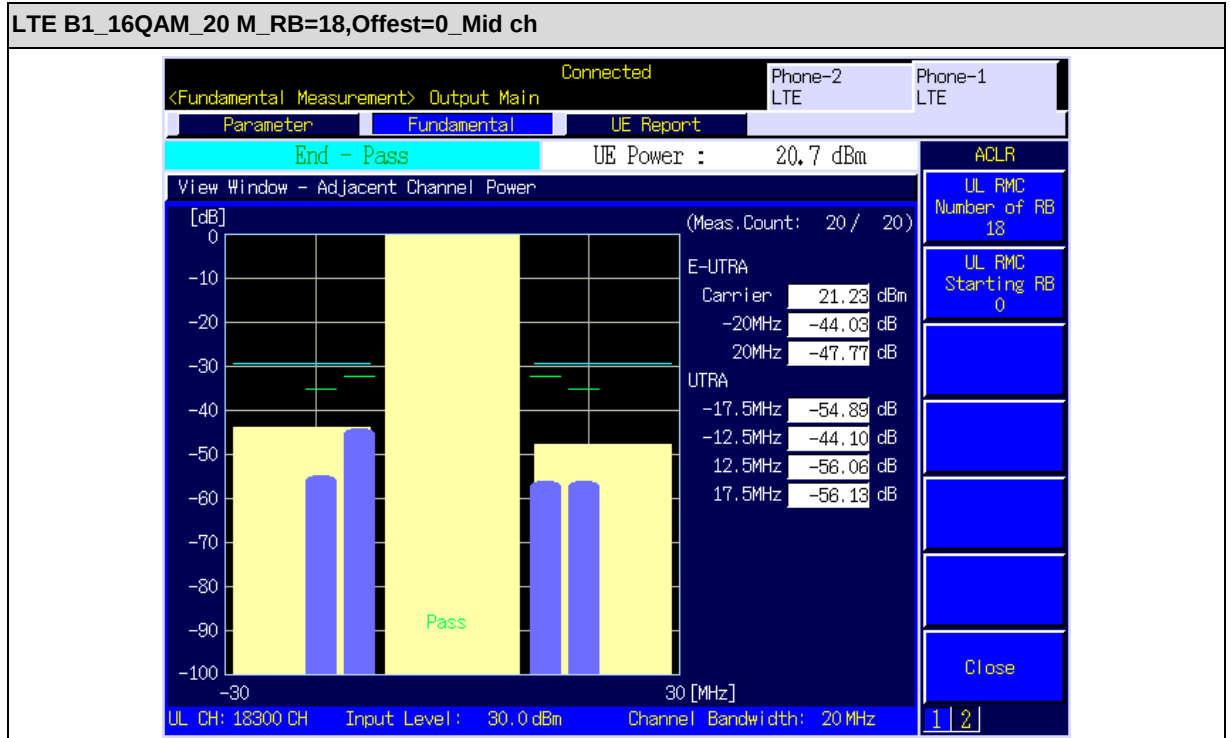
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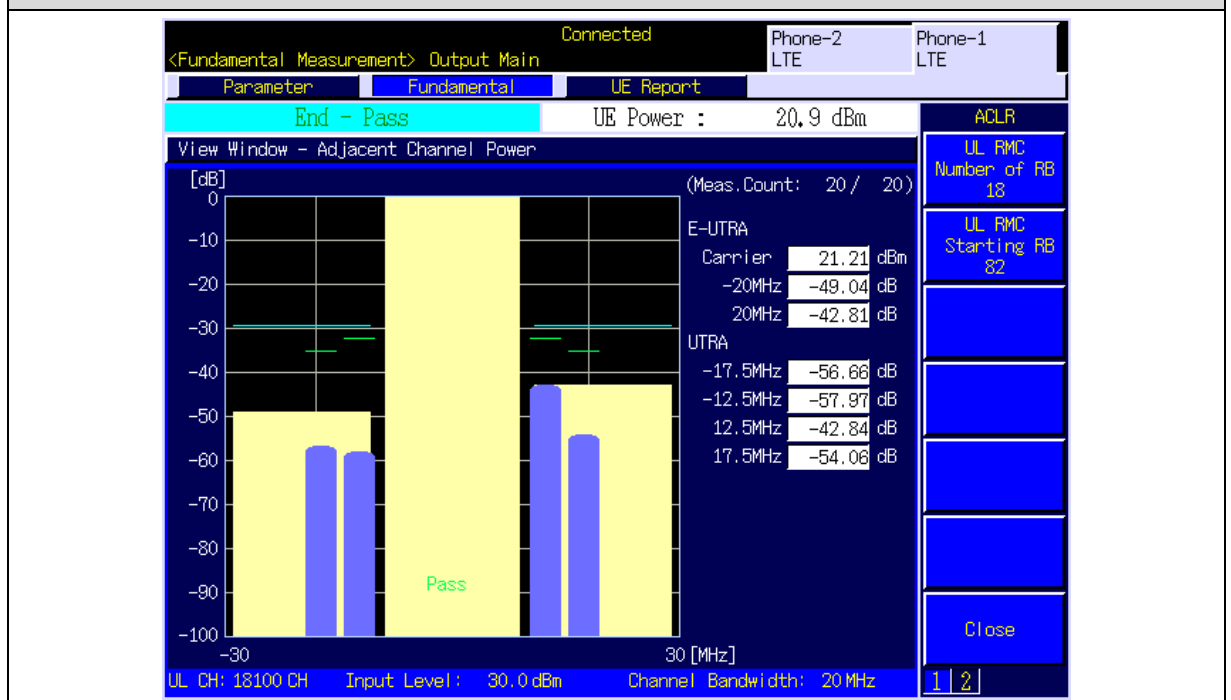




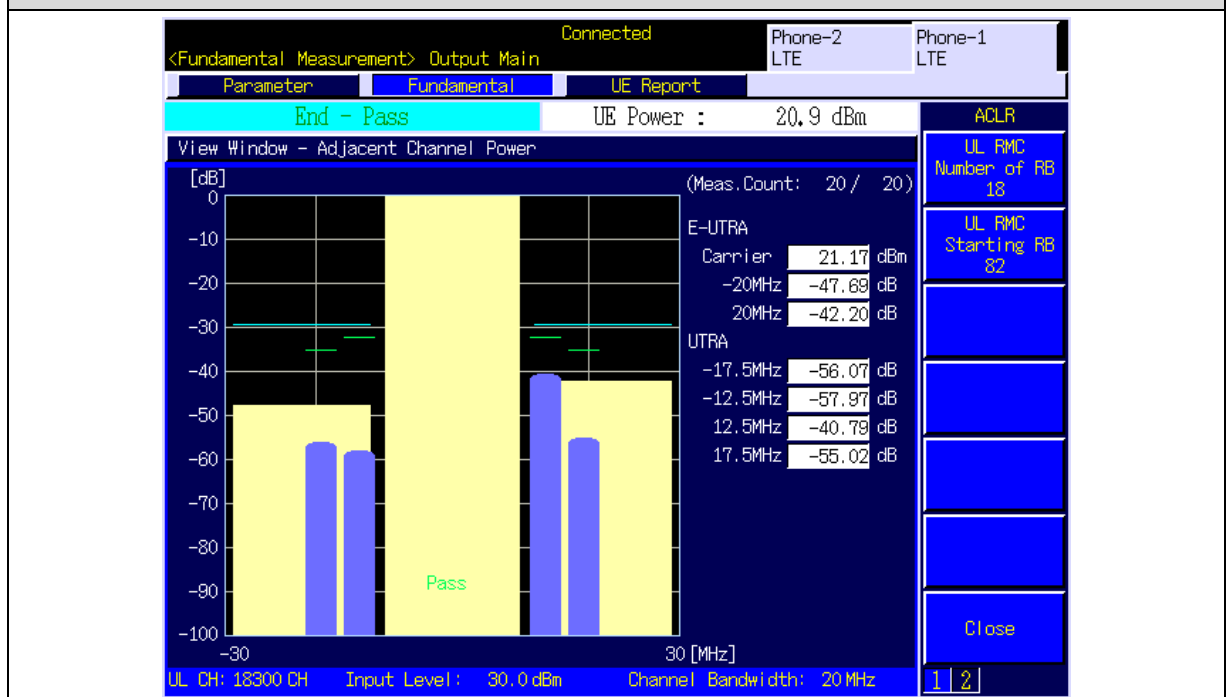


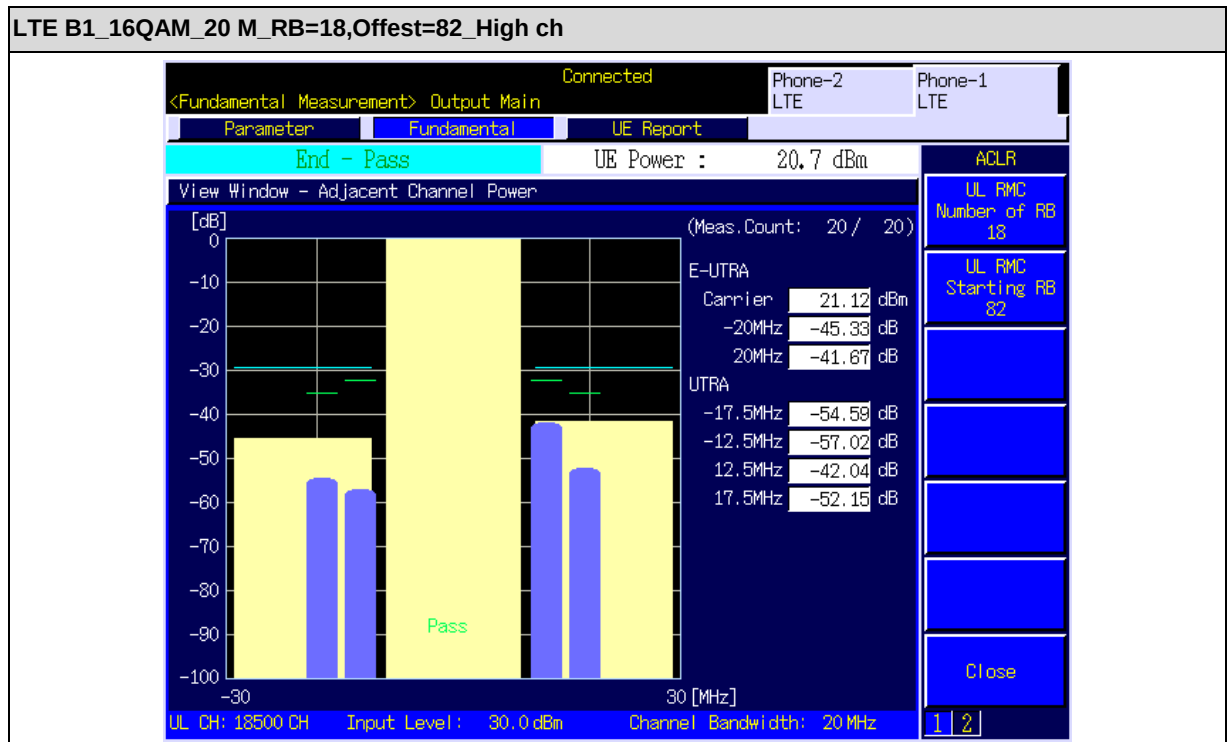


LTE B1_16QAM_20 M_RB=18,Offset=82_Low ch



LTE B1_16QAM_20 M_RB=18,Offset=82_Mid ch





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