



行動通信電信終端設備檢驗報告

產品名稱：4G LTE 可攜式無線路由器

廠牌：D-Link

型號：DWR-932C

申請廠商：友訊科技股份有限公司
台北市內湖區新湖三路 289 號

製造廠商：友訊科技股份有限公司
台北市內湖區新湖三路 289 號

技術規範：國家通訊傳播委員會行動通信電信終端設備技術規範

- 測試產品接收日期為民國 110 年 5 月 20 日
- 於民國 110 年 5 月 25 日開始測試，民國 110 年 6 月 1 日結束測試。
- 此份試驗報告，僅針對保留於本實驗室的試驗樣品有效。
- 未獲本公司書面允許，證書或報告不得節錄複製。

耕興股份有限公司電磁相容及無線通信實驗室

報告簽署人：吳忠泰



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報告履歷

報告編號	報告版本	說明	報告發行日期
TG151943	01	初版	2021 年 7 月 2 日
TG151943	02	Revise antenna information	2021 年 7 月 6 日



測試結果總表

報告章節	法規章節	檢驗項目	結果判定	備註
2	6.5.1	工作頻帶	符合	Tx : 890.2 ~ 914.8 MHz Rx : 935.2 ~ 959.8 MHz
2	6.5.3	收發頻率間隔	符合	GSM900: 45 MHz
2	6.5.4	頻道間隔	符合	200 kHz
附錄 A	6.5.2.	最大發射輸出功率	符合	34.50 dBm
附錄 A	6.5.6	頻率穩定度	符合	39 Hz
附錄 A	6.5.2.2.1.3	擷取叢訊功率	符合	-
附錄 A	5.2	電壓條件	符合	-
附錄 A	6.6.2	電波功率密度	符合	-
附錄 B	6.5.7	調變頻譜	符合	-
附錄 C	6.5.5.1 6.5.5.2 6.5.5.3	混附發射	符合	-

符合性聲明:

上述報告所列測試結果判定，不納入不確定度評估，且依法規所列限制值或製造商宣告作為判定準則。

意見與解釋:

報告中 EUT 呈現的技術規格由製造商提供，製造商承擔所有規格準確性的責任。

報告審查: 李安傑

報告製作: 鄒雨儒

1. 一般資料

1.1 測試方法及依據

國家通訊傳播委員會【PLMN ALL】行動通信電信終端設備技術規範109年09月25日修訂版

1.2 待測物特性與規格

GSM/WCDMA/LTE and Wi-Fi 2.4GHz 802.11b/g/n

Product Specification subjective to this standard	
IMEI Code	351860803000225
Tx Frequency	GSM900 : 890 MHz ~ 915 MHz
Rx Frequency	GSM900 : 935 MHz ~ 960 MHz
Type of Modulation	GMSK

Remark: The above EUT's information was declared by manufacturer.

Antenna Information				
Main Antenna	Brand Name	HUIMI	Peak Gain	GSM900: -5.0 dBi
	Model Name	M100A_MAIN antenna	Type	Fixed Internal Antenna

Remark:

1. The detail internal, external and transmit antenna photo please refer to Sporton report no.: EP151943.
2. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

Specification of Accessory		
Battery	Brand Name	力業(Powercome)
	Model Name	18650
USB Cable	Brand Name	SHENXIANDA
	Model Name	CX0000006-0000

1.3 測試環境

實驗室名稱	耕興股份有限公司電磁相容及無線通信實驗室
實驗室資訊	桃園市龜山區華亞一路 52 號 TEL: +886-3-3273456 / FAX: +886-3-3284978
耕興場地編號	TH03-HY

Test Item: Conducted	
Test Engineer	季怡然
Ambient Temperature	24~25°C
Relative Humidity	50~51%
Extreme Temperature	0°C and 35°C
Normal Voltage	DC3.7V
Extreme Voltage	DC3.4V and DC 4.2V

1.4 測試模式

GSM900:

此測試共有3個測試模式:

模式一：頻道1 (低頻道)

模式二：頻道62 (中間頻道)

模式三：頻道124 (高頻道)

1.5 量測系統之描述

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	AC Adapter	DINGLIXUN	DLX-0501000UC	N/A	N/A	N/A

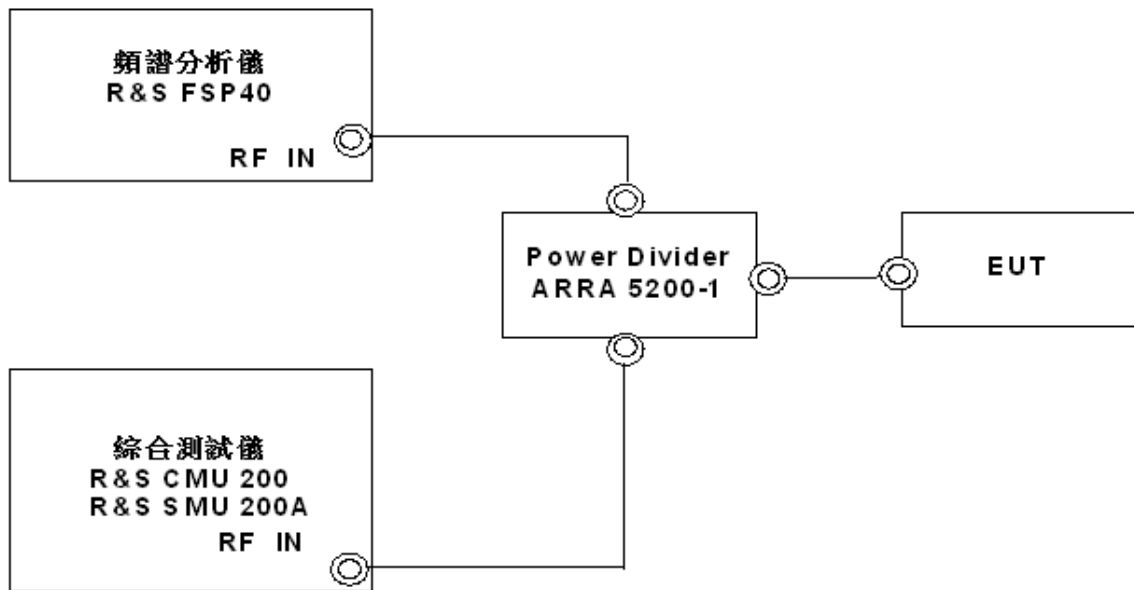
註: 申請人確保輔助設備不隨市場上的產品提供，輔助設備由申請者提供用於測試。



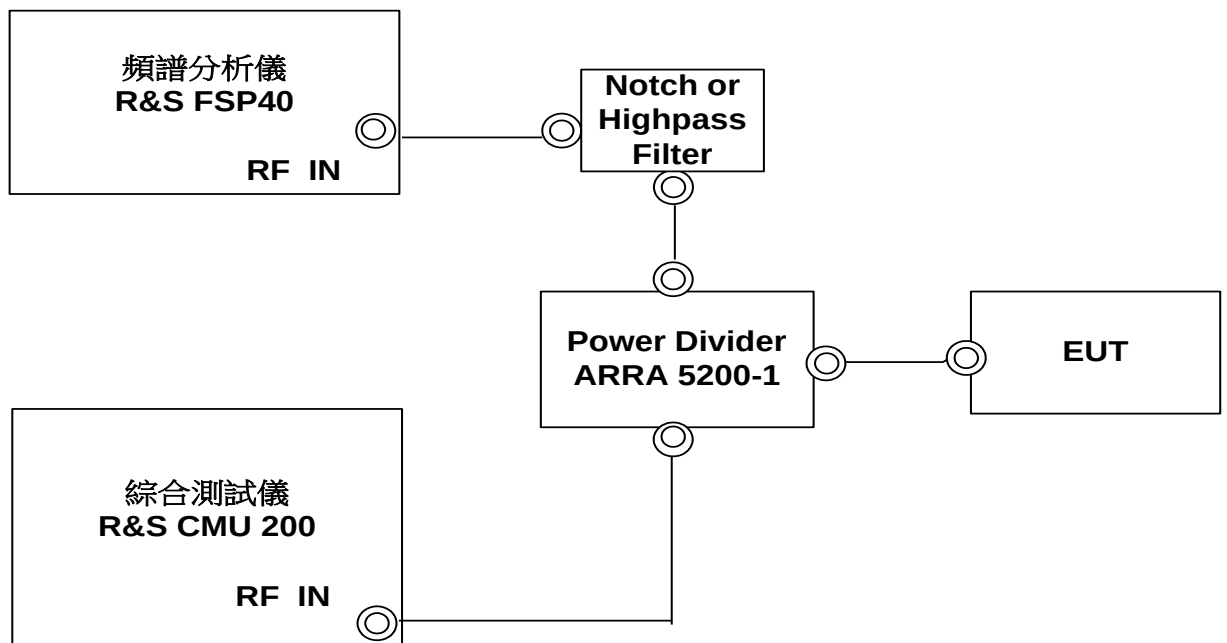
2. 一般特性檢驗

GSM900		
項次	檢驗項目	合格標準
1	工作頻帶 ($n = 1 \sim 124$)	Tx : $890 + n * 0.2$ MHz
		Rx : $935 + n * 0.2$ MHz
2	收發頻率間隔	45 MHz
3	頻道間隔	200 kHz
4	最大發射輸出功率	8W: 39dBm(Class 2) 5W: 37dBm(Class 3) 2W: 33dBm(Class 4) 0.8W: 29dBm(Class 5)
5	頻率穩定度	頻率誤差(Hz) : ≤ 90 Hz
6	擷取叢訊功率	-
7	調變頻譜	偏移載波頻率在100~1800kHz內調變頻譜(dB) 、 功率轉換瞬態(dBm) 限制值參照5.5及5.6
8	混附發射(dBm)	連線狀態時限制值參照5.3
		空閒狀態時限制值參照5.4
9	電波功率密度	限制值參照5.7
10	電壓條件	參照5.8

3. 檢驗接續圖



一般特性接續圖(一)



混附波輻射接續圖(Conducted)



4. 檢驗使用儀器

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~30GHz	Sep. 03, 2020	May 25, 2021~ Jun. 01, 2021	Sep. 02, 2021	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 14, 2020	May 25, 2021~ Jun. 01, 2021	Sep. 13, 2021	Conducted (TH03-HY)
Base Station (Measure)	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Sep. 07, 2020	May 25, 2021~ Jun. 01, 2021	Sep. 06, 2021	Conducted (TH03-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	1V~20V 0.5A~4A	Oct. 05, 2020	May 25, 2021~ Jun. 01, 2021	Oct. 04, 2021	Conducted (TH03-HY)

5. 量測設定及限制值

5.1 混附波輻射發射頻帶內設定值

頻帶	偏離載波頻率	測量頻寬
900MHz相關發射頻帶：890-915MHz	$\geq 1.8\text{MHz}$	30 kHz

5.2 混附波輻射發射頻帶外設定值

頻帶	偏離相關發射頻帶邊緣	測量頻寬
100kHz—50MHz	—	10 kHz
50MHz—500MHz	—	100 kHz
500MHz以上，但在表一之一相關發射頻帶外	$\geq 2\text{ MHz}$	30 kHz
	$\geq 5\text{ MHz}$	100 kHz
	$\geq 10\text{ MHz}$	300 kHz
	$\geq 20\text{ MHz}$	1 MHz
	$\geq 30\text{ MHz}$	3 MHz

5.3 混附波輻射連線狀態限制值

頻率範圍	功率位準 (dBm)
	GSM 900
100kHz 至 1GHz	-36
1GHz 至 12.75GHz	-30

5.4 混附波輻射空閒狀態限制值

頻率範圍	功率位準 (dBm)
9kHz 至 880MHz	-57
880MHz 至 915MHz	-59
915MHz 至 1GHz	-57
1GHz 至 1710MHz	-47
1710MHz 至 1785MHz	-53
1785MHz 至 12.75GHz	-47

5.5 調變頻譜 (Spectrum due to the modulation) 設定及限制值

功率(dBm)		在偏移載波下列頻率 (kHz) 時其相對於載波功率之最大允許值 (dB)								
		30kHz (測量頻寬)						100kHz (測量頻寬)		
		100	200	250	400	600~ <1200	1200~ <1800	1800~ <3000	3000~ <6000	≥6000
GSM900	≥39	+0.5	-30	-33	-60	-66	-66	-69	-71	-77
	37	+0.5	-30	-33	-60	-64	-64	-67	-69	-75
	35	+0.5	-30	-33	-60	-62	-62	-65	-67	-73
	≤33	+0.5	-30	-33	-60	-60	-60	-63	-65	-71

5.6 功率轉換瞬態所產生之頻譜 (Spectrum due to switching transients) 限制值 GSM 900

功率位準	載波頻率不同偏移之最大位準			
	400kHz	600kHz	1200kHz	1800kHz
39dBm	-13dBm	-21dBm	-21dBm	-24dBm
37dBm	-15dBm	-21dBm	-21dBm	-24dBm
35dBm	-17dBm	-21dBm	-21dBm	-24dBm
33dBm	-19dBm	-21dBm	-21dBm	-24dBm
31dBm	-21dBm	-23dBm	-23dBm	-26dBm
29dBm	-23dBm	-25dBm	-25dBm	-28dBm
27dBm	-23dBm	-26dBm	-27dBm	-30dBm
25dBm	-23dBm	-26dBm	-29dBm	-32dBm
23dBm	-23dBm	-26dBm	-31dBm	-34dBm
≤21dBm	-23dBm	-26dBm	-32dBm	-36dBm

5.7 電波功率密度

5.7.1. Limit

本項測試適用於移動式終端設備

頻段	電波功率密度最大值
700 MHz	0.35 mW/cm ²
900 MHz	0.45 mW/cm ²
1800 MHz	0.90 mW/cm ²
2100 MHz	1.00 mW/cm ²
2500 MHz ~ 2600 MHz	1.00 mW/cm ²
3500 MHz	1.00 mW/cm ²

5.7.2. Test Procedure

The following formula was used to calculate the Power Density:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S = Power Density

P = Output Power at Antenna Terminals

G = Gain of Transmit Antenna (linear gain)

R = Distance from Transmitting Antenna

5.7.3. Test Result of Power Density

Please refer to 附錄 A.

5.8 電壓條件

5.8.1. Limit

終端設備之電源電壓應於低極端電壓與高極端電壓之間。終端設備審驗申請者應宣告其標稱電壓 (nominal)、低極端電壓、高極端電壓與關機電壓。若終端設備可操作在一種或多種電源，其低極端電壓不得高於下表限制值，高極端電壓不得低於下表限制值。

電源	低極端電壓	高極端電壓	常態電壓
交流電源	$0.9 \times \text{nominal}$	$1.1 \times \text{nominal}$	nominal
調節式鉛酸電池	$0.9 \times \text{nominal}$	$1.3 \times \text{nominal}$	$1.1 \times \text{nominal}$
非調節式電池： 勒克朗社電池 / 鋰電池 / 水銀電池/鎳鎘電池	$0.85 \times \text{nominal}$ $0.95 \times \text{nominal}$ $0.90 \times \text{nominal}$	nominal $1.1 \times \text{nominal}$ $1.1 \times \text{nominal}$	nominal $1.1 \times \text{nominal}$ nominal

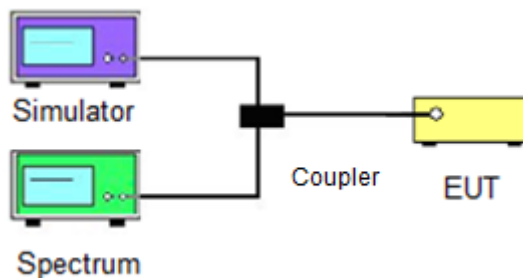
電源電壓低於上表之低極端電壓或高於上表之高極端電壓，終端設備若可通電開機時，不得無效使用第 3 點規定之頻段。

檢測終端設備之電源電壓低於關機電壓時，終端設備不得發射。

5.8.2. Test Procedure

終端設備與 WWAN 基地台做連線，以低極端電壓往下調整至客戶宣告之關機電壓，查看終端設備與 WWAN 基地台是否中斷連線。

5.8.3. Test Setup



5.8.4. Test Result of Voltage Conditions

關機電壓數值 Please refer to 附錄 A.

測試結果：符合

附錄A. 測試結果 - 功率限制/電波功率密度/頻率穩定度

測試環境	溫度	°C	24~25
	濕度	%	50~51
測試工程師		-----	Oscar Chi
天線之方向增益		dBi	-5.00
標準供應電壓		VDC	3.70
關機電壓		VDC	3.20

註: 檢測終端設備之電源電壓低於關機電壓時，終端設備已關機無發射

A.1 GSM900

傳導發射功率	單位	低頻道	中頻道	高頻道	限制	結果
功率控制位準 = 5	dBm	34.11	34.37	34.50	33 +2/-2	符合
電波功率密度	mW/cm ²	0.02040	0.02166	0.02232	0.45	符合

註1: Power Class 4

註2: 移動式終端設備

供電方式		鋰電池						
頻率穩定度		單位	第0分鐘	第2分鐘	第5分鐘	第10分鐘	限制	結果
常溫常壓	20 °C + 4.07 V	Hz	19	22	23	25	≤ 90.0	符合
高溫高壓	55 °C + 4.07 V	Hz	21	23	25	28	≤ 90.0	符合
高溫低壓	55 °C + 3.51 V	Hz	25	29	24	36	≤ 90.0	符合
低溫高壓	-10 °C + 4.07 V	Hz	24	30	32	34	≤ 90.0	符合
低溫低壓	-10 °C + 3.51 V	Hz	29	30	34	39	≤ 90.0	符合

Measurement Report



Report No. : TG151943

ROHDE & SCHWARZ

Operator: noname

2021年5月25日 上午 11:41:19

CMU Ident: Rohde&Schwarz,CMU 200-1100.0008.02,117995,V5.22

Options: 0,B17,B21Var14,B52Var14,B54Var14,B56Var54,B66,COPROC_FULLL,B83,B85,B89,B96,PCMCIA,WDDC400,K16
K17,K20,K21,K22,K23,K24,K27,K28,K29,K42,K43,K56,K57,K58,K59,K60,K61,K62,K63,K64,K65,K66,K67
K68,K69,K83,K84,K85,K86,K88,K839,K849,K859,K869,FMR6,Intel Celeron Mobil,256 MB
rxtx1

Sequence: - - -

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
-------------------------	-------------	-------------	----------------	-----

Network: GSM 900, BCCH Channel/Level: 32/-85.0 dBm, TCH Channel: 1, Ref. Level: -85.0,Support GPRS

Main Timeslot: 3, Attenuation (In/Out): 6.0/6.0 dB, Bitstream: PR9, Aux TX: BCCH

Multi Slot Mode: BCCH AND TCH, Testmode: A, Coding Scheme: CS1, Acknowledge: On, RLC Mode: Not ack

Automatic Slot Configuration: Off

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Extended Dynamic Allocation: Auto, PC Meas Channel: BCCH

IMSI: 1. 1."0123456789", Serialno: 35186080-300022-5, Revision: PH2P, Power Class: 4, Multi Slot Class: CL12

GPRS Call to Mobile:			passed	✓
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Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.11 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.30 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 4, 4, 4, 4, 4, 4, 4, 4

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	31.38 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	31.59 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 5, 5, 5, 5, 5, 5, 5, 5

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.24 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.41 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 6, 6, 6, 6, 6, 6, 6, 6

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Measurement Report



Report No. : TG151943

ROHDE & SCHWARZ

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Average Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.27 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.39 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 7, 7, 7, 7, 7, 7, 7, 7

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.20 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.32 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 8, 8, 8, 8, 8, 8, 8, 8

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.05 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.19 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 9, 9, 9, 9, 9, 9, 9, 9

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.18 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.33 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 10, 10, 10, 10, 10, 10, 10, 10

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.25 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.39 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 11, 11, 11, 11, 11, 11, 11, 11

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.21 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.34 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 12, 12, 12, 12, 12, 12, 12, 12

Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.17 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.31 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 13, 13, 13, 13, 13, 13, 13, 13				
Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.14 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.28 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 14, 14, 14, 14, 14, 14, 14, 14				
Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.16 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.28 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 15, 15, 15, 15, 15, 15, 15, 15				
Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.13 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.27 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 16, 16, 16, 16, 16, 16, 16, 16				
Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.20 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.32 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 17, 17, 17, 17, 17, 17, 17, 17				
Main Timeslot: 3, GSM 900,Traffic channel: 1, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.19 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.33 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
GPRS Call Release Test:			passed	✓

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
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MS Serial Number: 35186080-300022-5

Result:

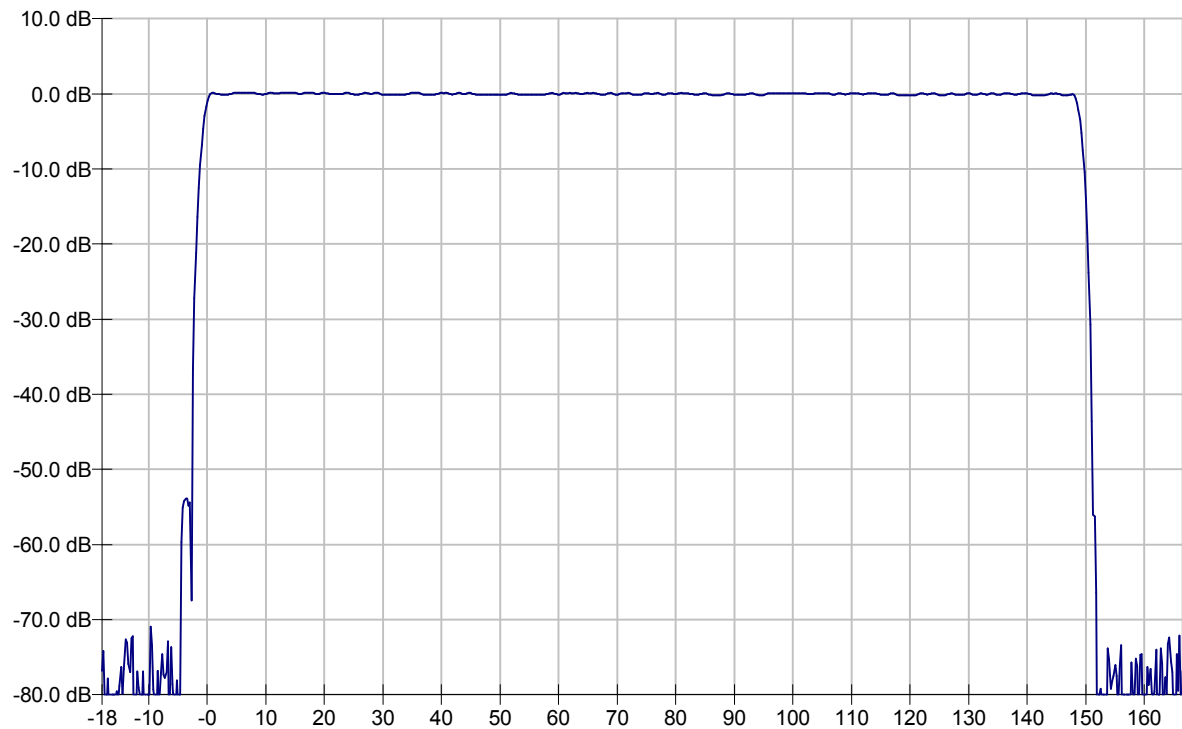
(Execution Time: 127.9 Seconds)

62 Tests passed / 0 failed / 135 with NAN

Annex:

Power Graphic

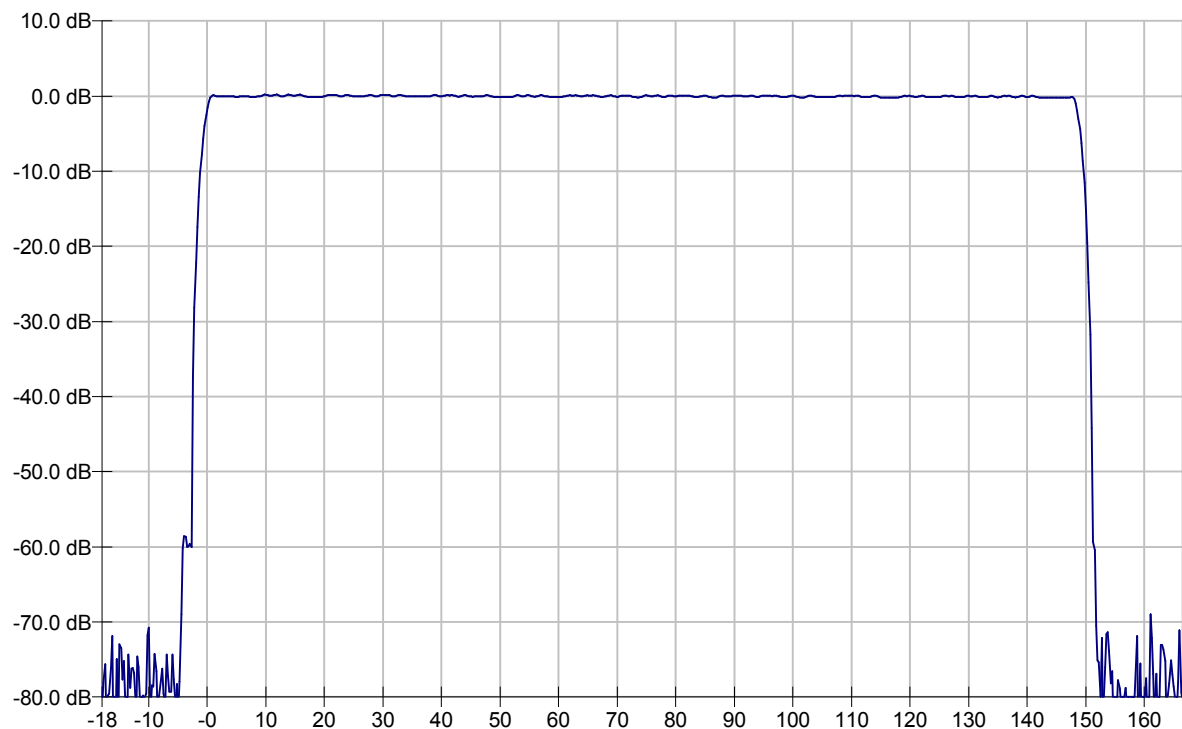
Guard Level (dB): 3.0, Number of Slots: 1



Annex:

Power Graphic

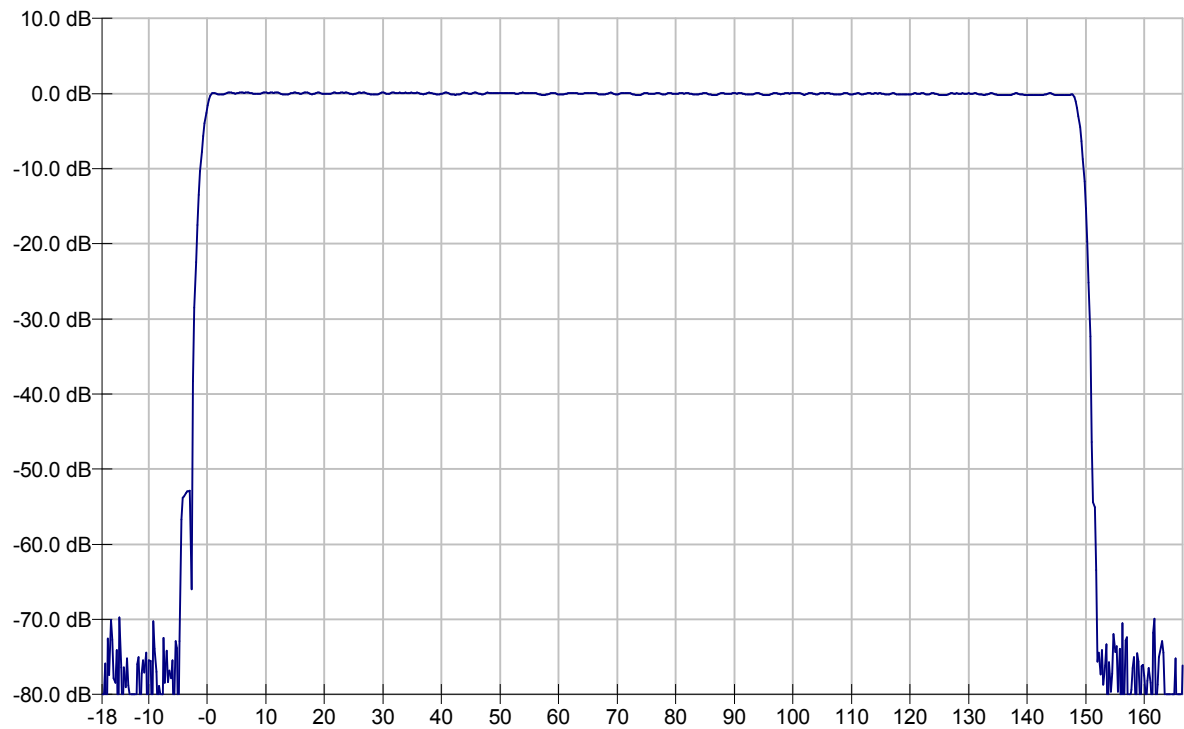
Guard Level (dB): 3.0, Number of Slots: 1





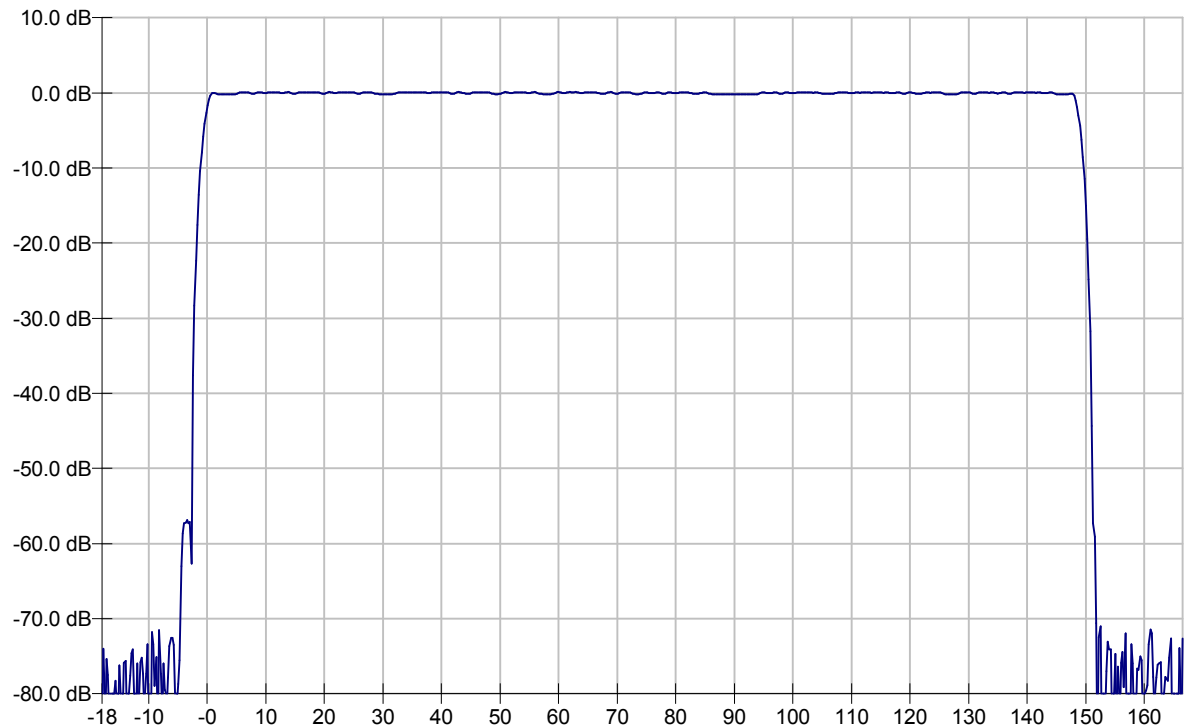
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

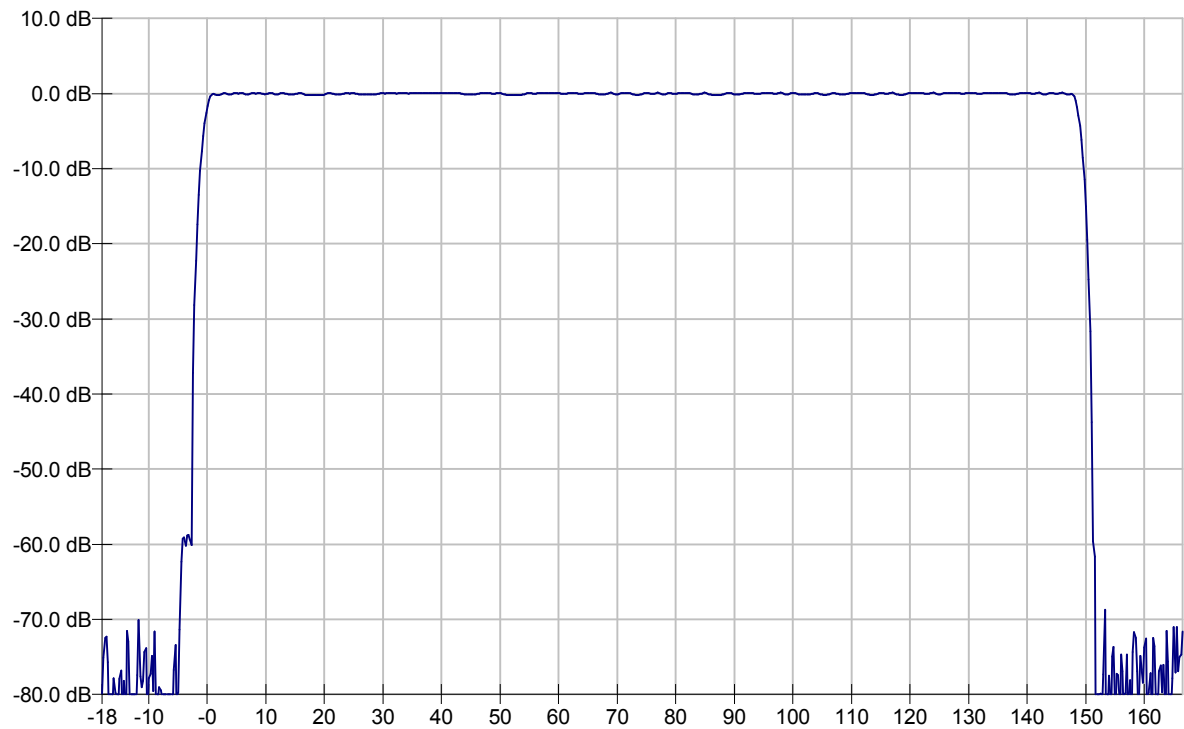
Guard Level (dB): 3.0, Number of Slots: 1





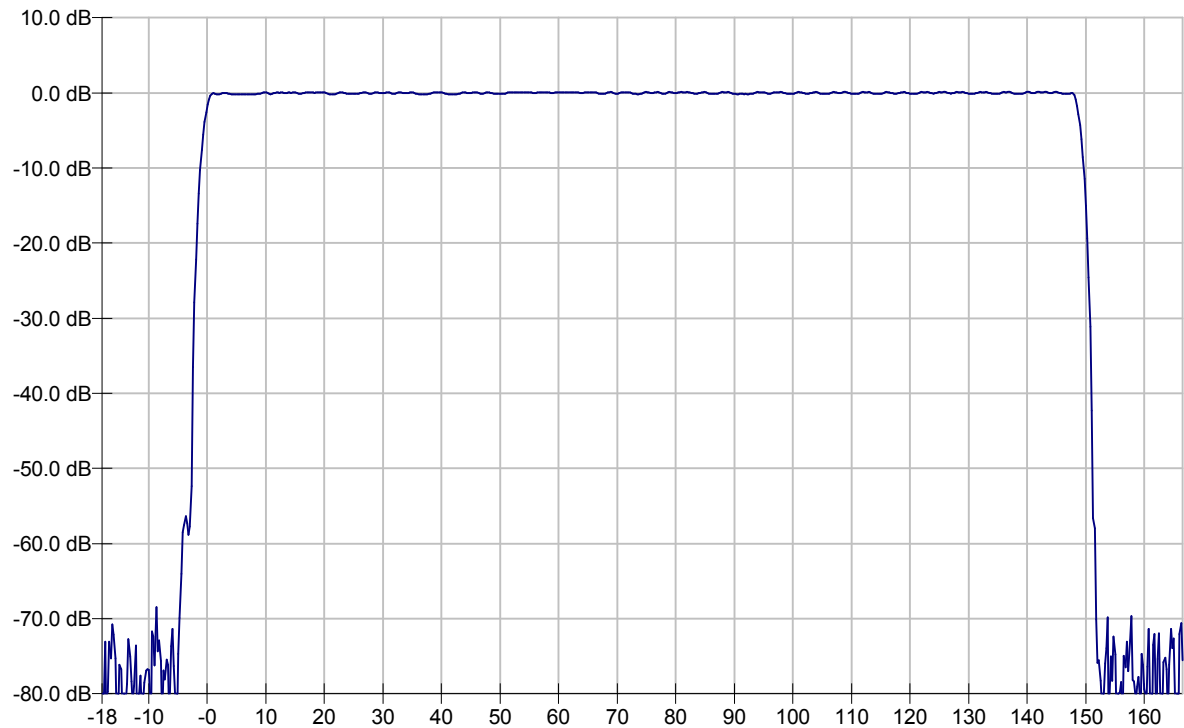
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

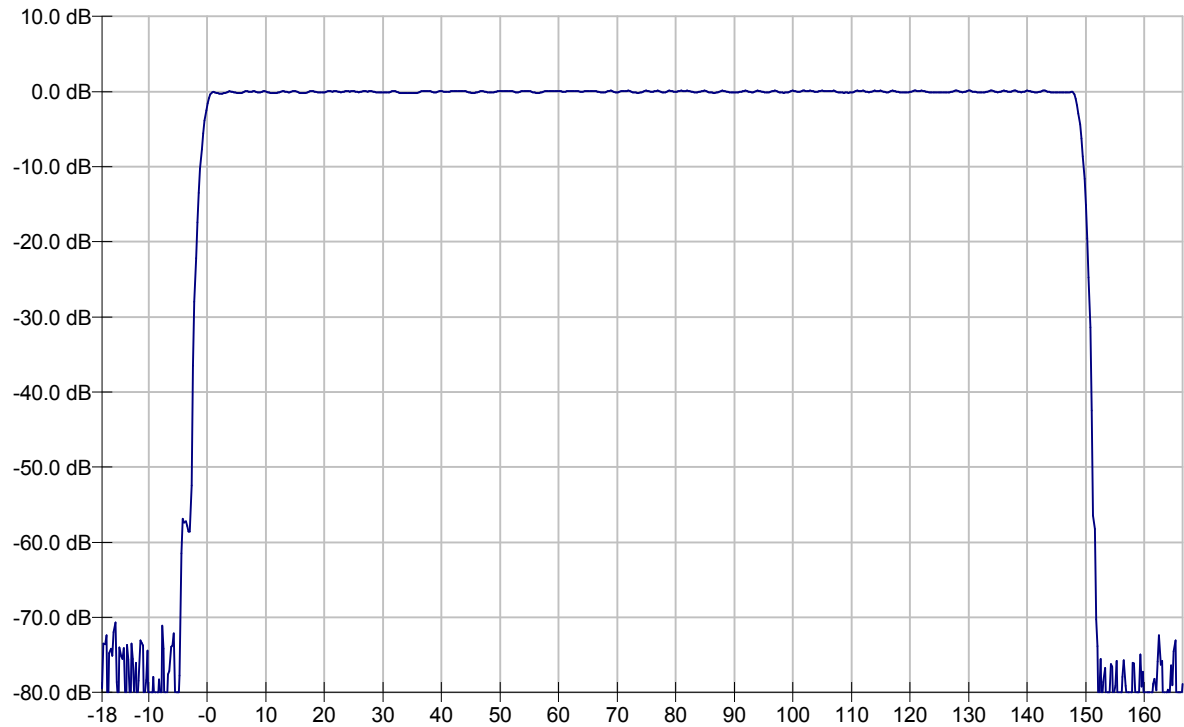
Guard Level (dB): 3.0, Number of Slots: 1





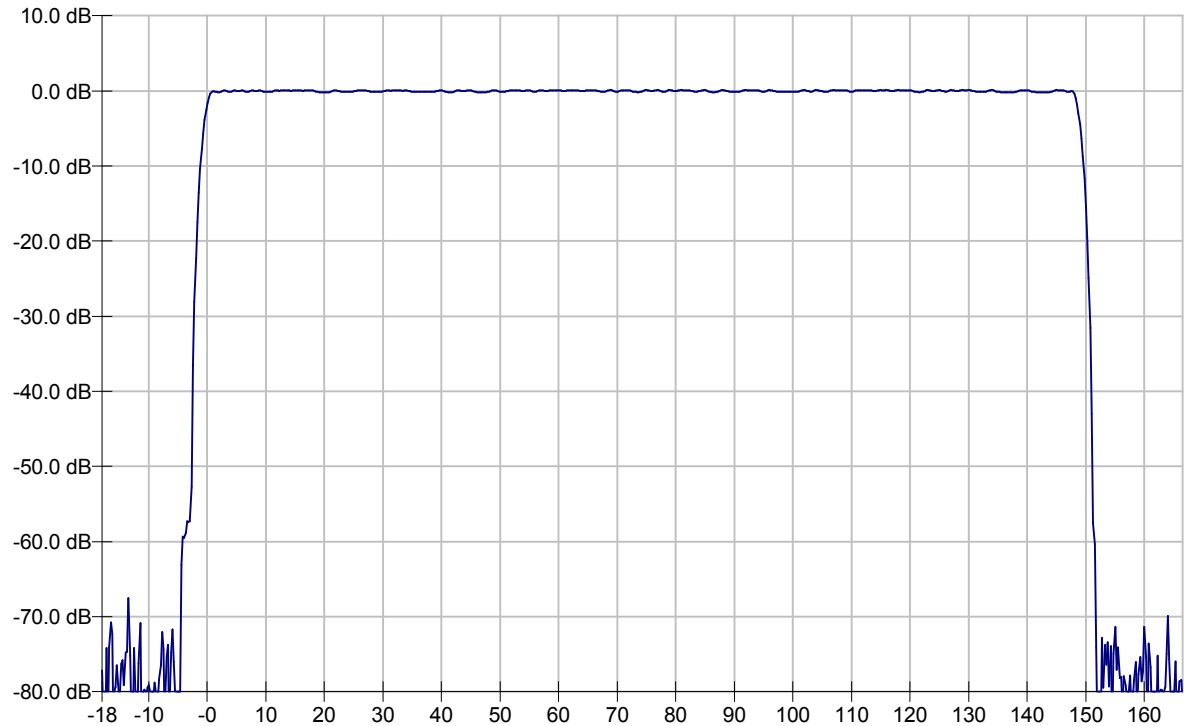
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

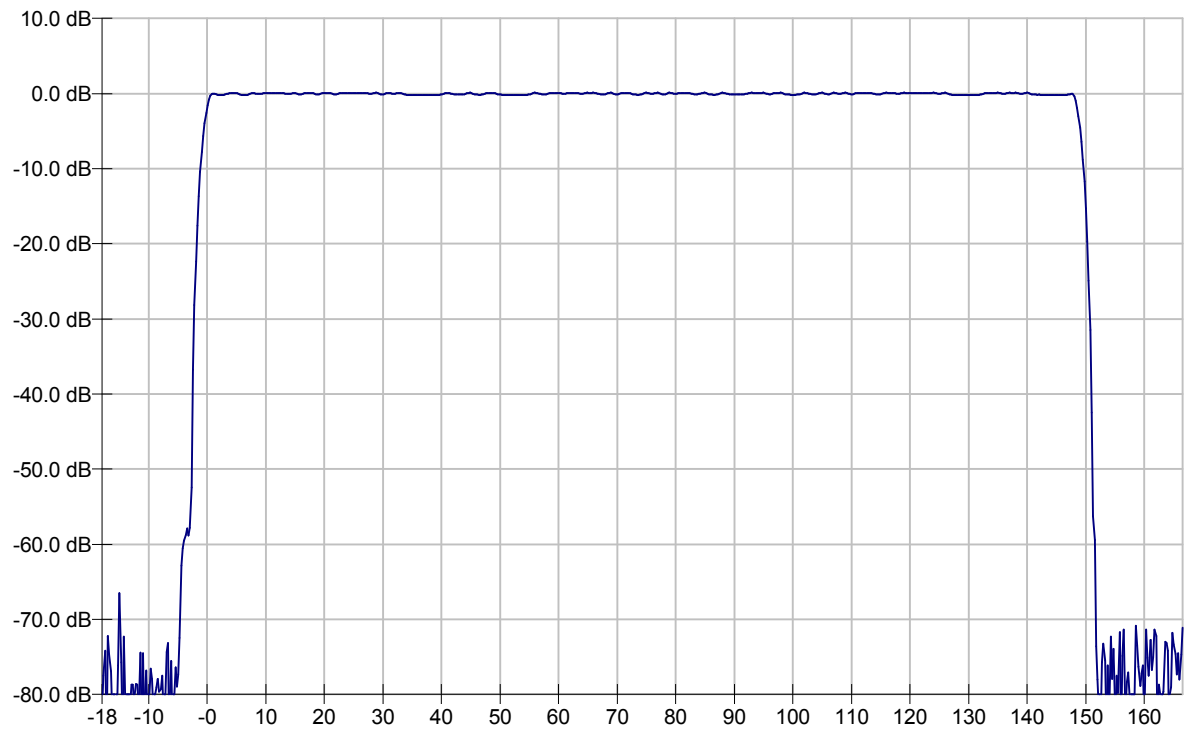
Guard Level (dB): 3.0, Number of Slots: 1





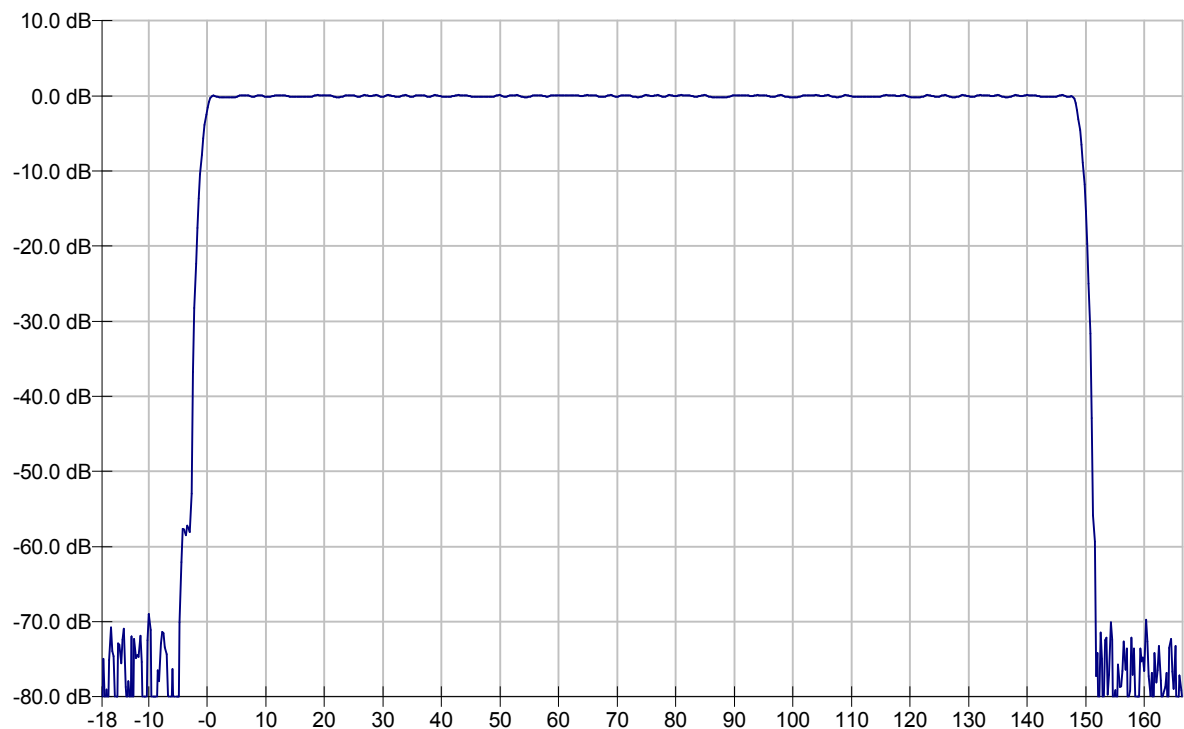
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

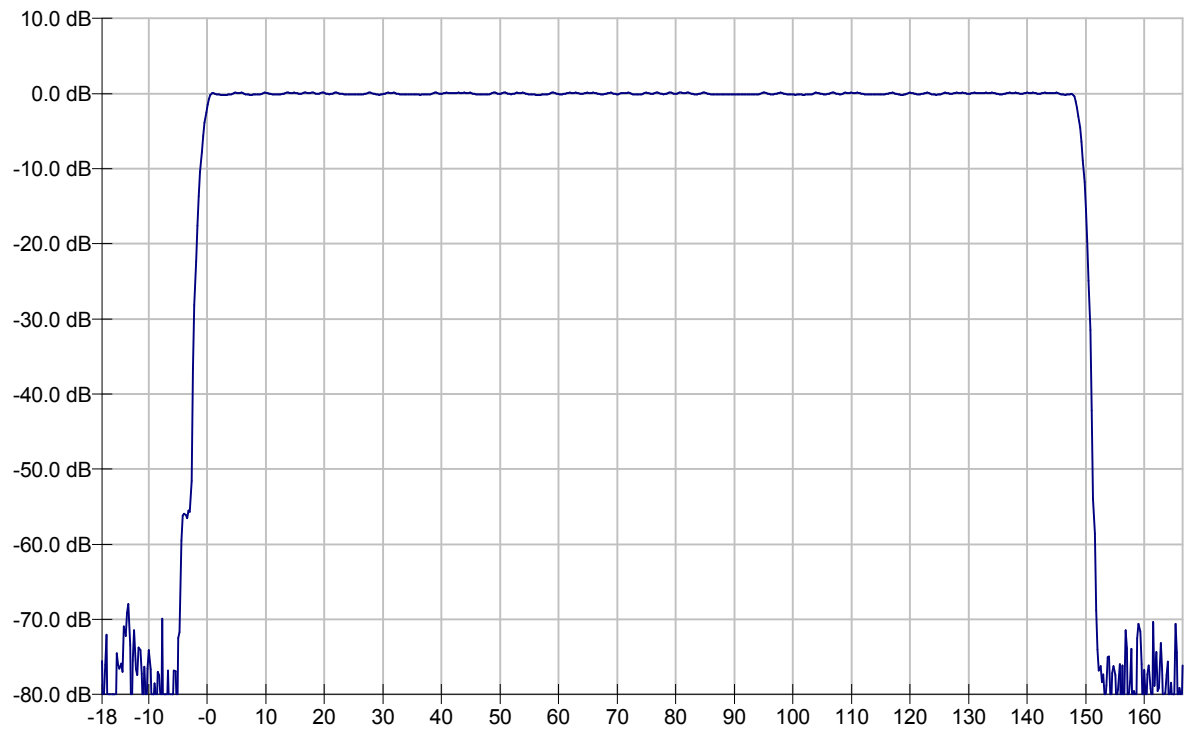
Guard Level (dB): 3.0, Number of Slots: 1





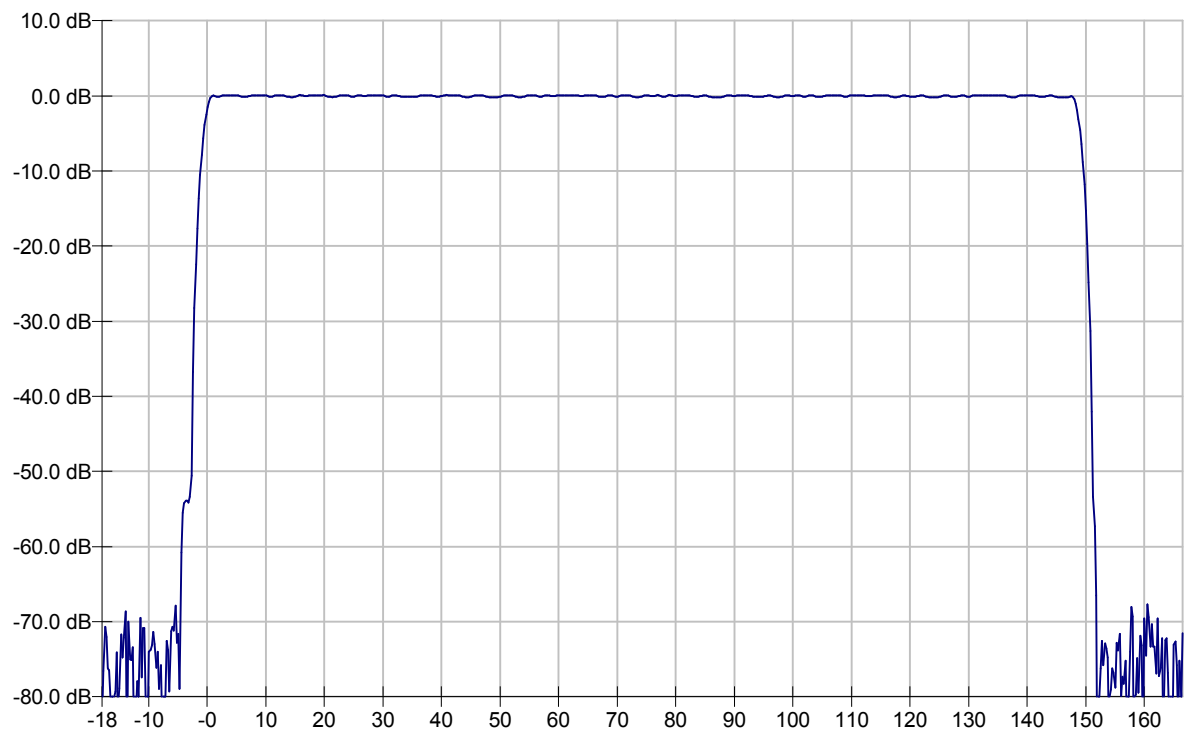
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

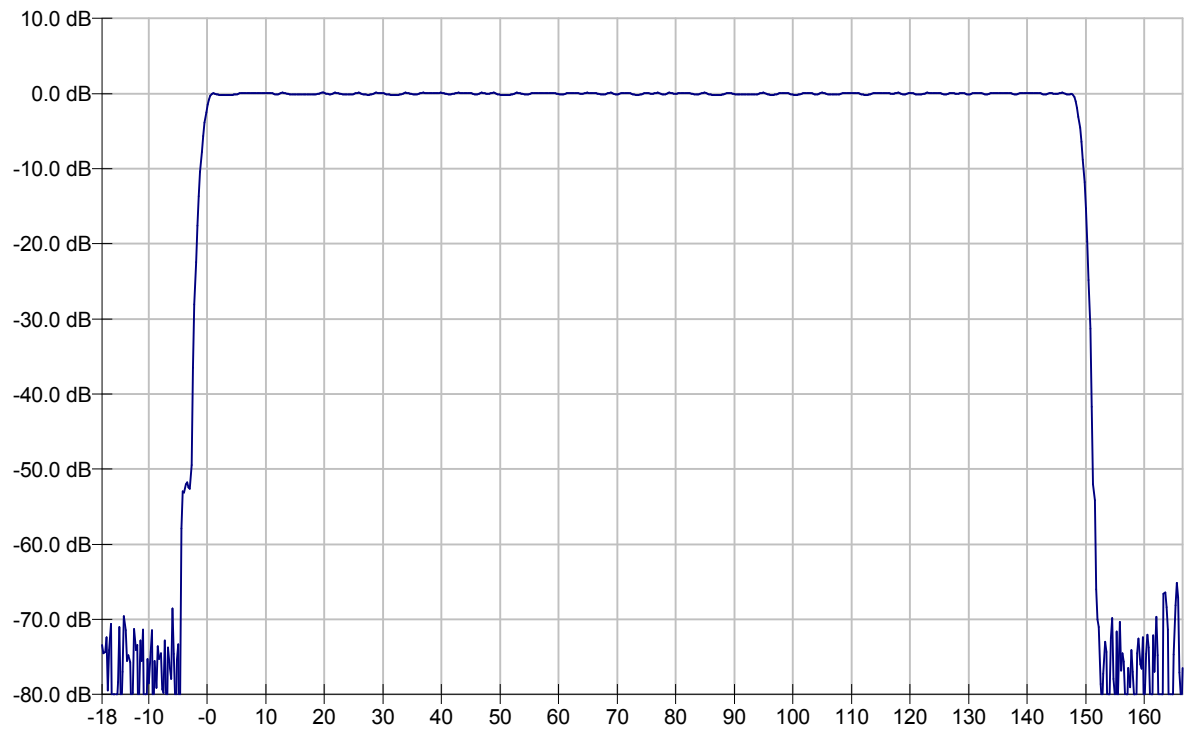
Guard Level (dB): 3.0, Number of Slots: 1





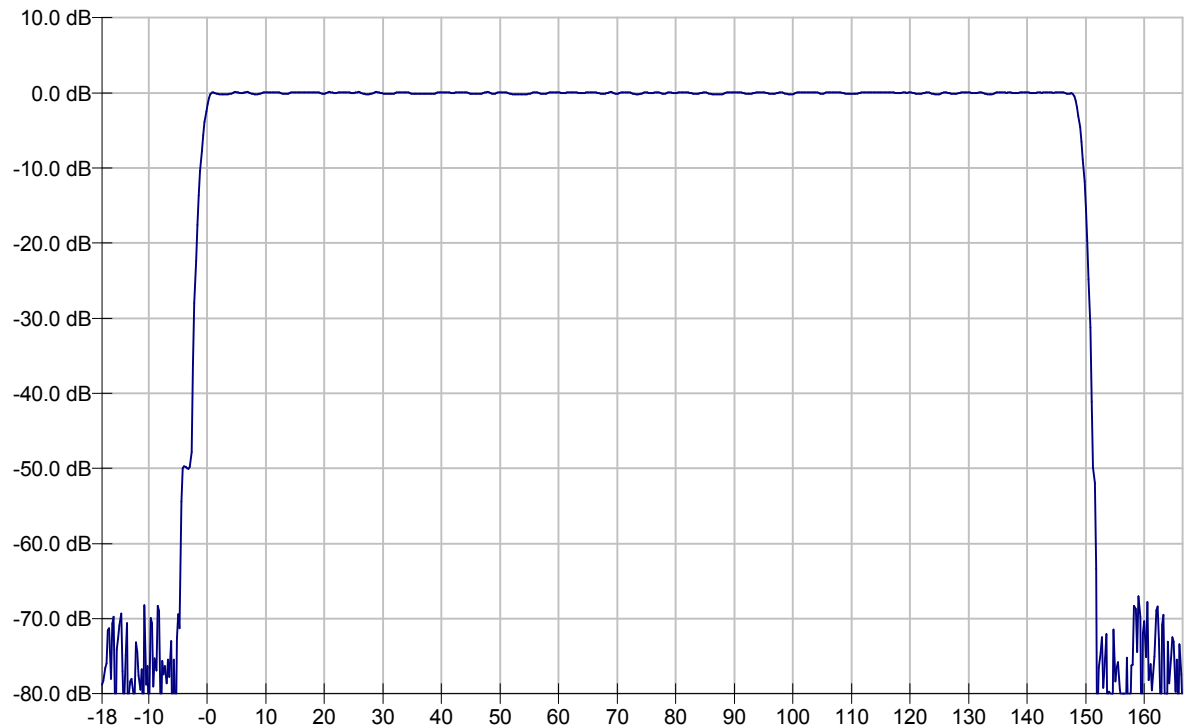
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

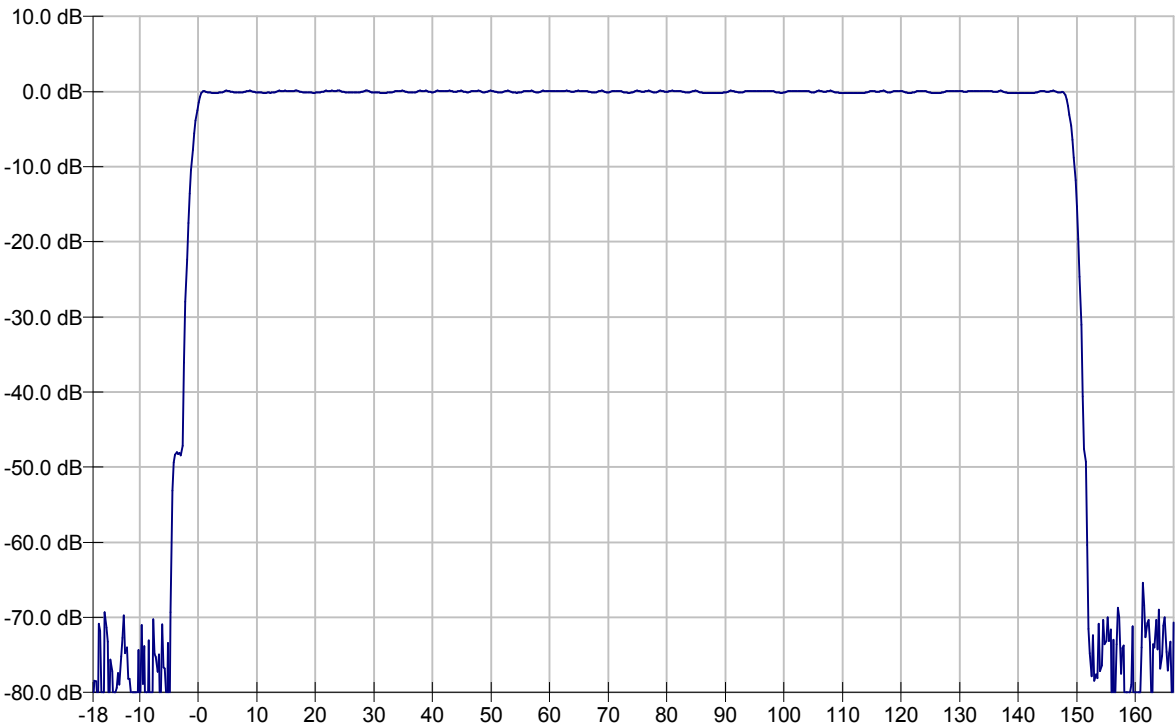
Guard Level (dB): 3.0, Number of Slots: 1





Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Measurement Report



Report No. : TG151943

ROHDE & SCHWARZ

Operator: noname

2021年5月25日 下午 13:45:32

CMU Ident: Rohde&Schwarz,CMU 200-1100.0008.02,117995,V5.22

Options: 0,B17,B21Var14,B52Var14,B54Var14,B56Var54,B66,COPROC_FULLL,B83,B85,B89,B96,PCMCIA,WDDC400,K16
K17,K20,K21,K22,K23,K24,K27,K28,K29,K42,K43,K56,K57,K58,K59,K60,K61,K62,K63,K64,K65,K66,K67
K68,K69,K83,K84,K85,K86,K88,K839,K849,K859,K869,FMR6,Intel Celeron Mobil,256 MB
rxtx1

Sequence: - - -

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
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Network: GSM 900, BCCH Channel/Level: 32/-85.0 dBm, TCH Channel: 62, Ref. Level: -85.0,Support GPRS

Main Timeslot: 3, Attenuation (In/Out): 6.0/6.0 dB, Bitstream: PR9, Aux TX: BCCH

Multi Slot Mode: BCCH AND TCH, Testmode: A, Coding Scheme: CS1, Acknowledge: On, RLC Mode: Not ack

Automatic Slot Configuration: Off

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Extended Dynamic Allocation: Auto, PC Meas Channel: BCCH

IMSI: 1. 1."0123456789", Serialno: 35186080-300022-5, Revision: PH2P, Power Class: 4, Multi Slot Class: CL12

GPRS Call to Mobile:			passed	✓
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Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.37 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.57 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 4, 4, 4, 4, 4, 4, 4, 4

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	31.71 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	31.91 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 5, 5, 5, 5, 5, 5, 5, 5

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.51 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.68 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 6, 6, 6, 6, 6, 6, 6, 6

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Measurement Report

**ROHDE & SCHWARZ**

Report No. : TG151943

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Average Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.59 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.74 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 7, 7, 7, 7, 7, 7, 7, 7

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.42 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.55 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 8, 8, 8, 8, 8, 8, 8, 8

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.38 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.51 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 9, 9, 9, 9, 9, 9, 9, 9

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.44 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.58 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 10, 10, 10, 10, 10, 10, 10, 10

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.49 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.63 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 11, 11, 11, 11, 11, 11, 11, 11

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.56 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.68 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 12, 12, 12, 12, 12, 12, 12, 12

Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.52 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.65 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 13, 13, 13, 13, 13, 13, 13, 13				
Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.51 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.62 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 14, 14, 14, 14, 14, 14, 14, 14				
Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.50 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.62 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 15, 15, 15, 15, 15, 15, 15, 15				
Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.49 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.61 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 16, 16, 16, 16, 16, 16, 16, 16				
Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.55 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.68 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 17, 17, 17, 17, 17, 17, 17, 17				
Main Timeslot: 3, GSM 900,Traffic channel: 62, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.54 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.68 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
GPRS Call Release Test:			passed	✓



Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
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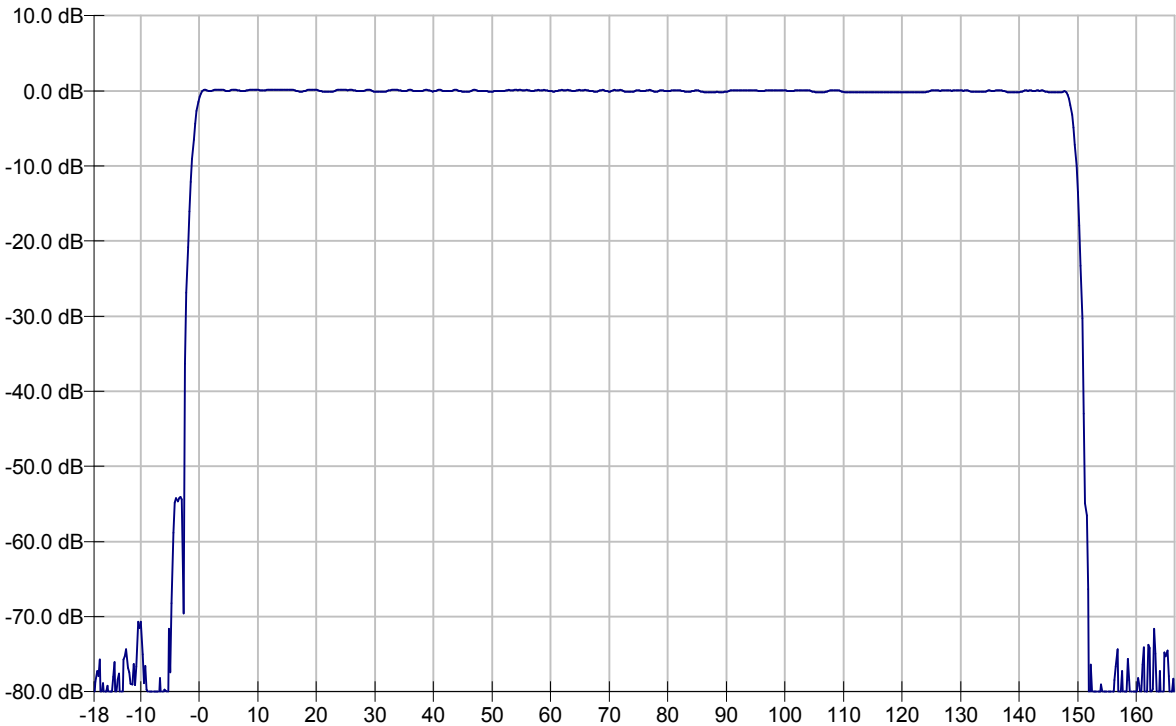
MS Serial Number: 35186080-300022-5

Result:
(Execution Time: 77.5 Seconds)

62 Tests passed / 0 failed / 135 with NAN

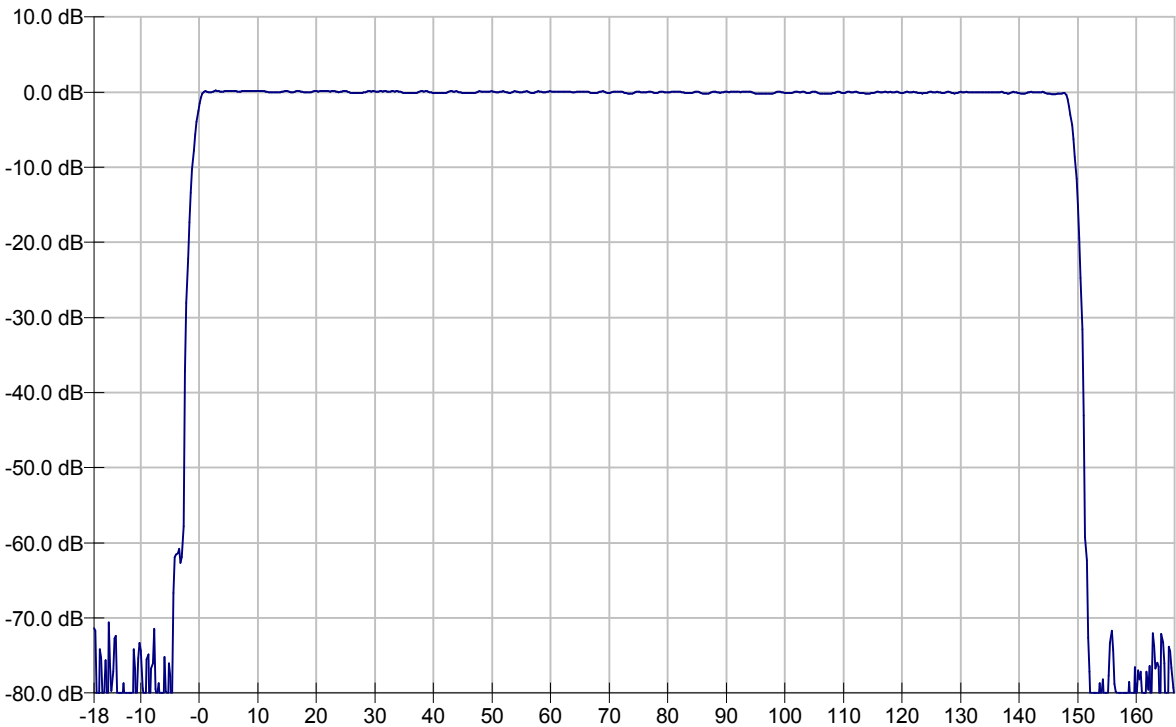
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

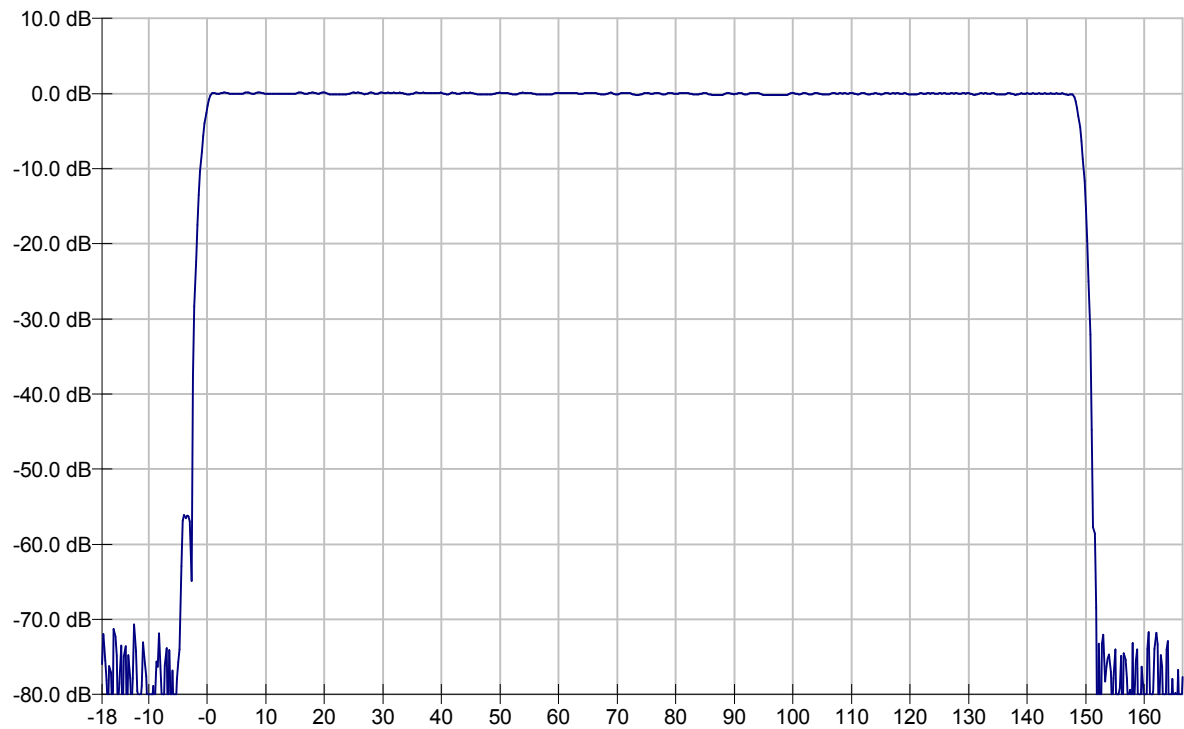
Guard Level (dB): 3.0, Number of Slots: 1





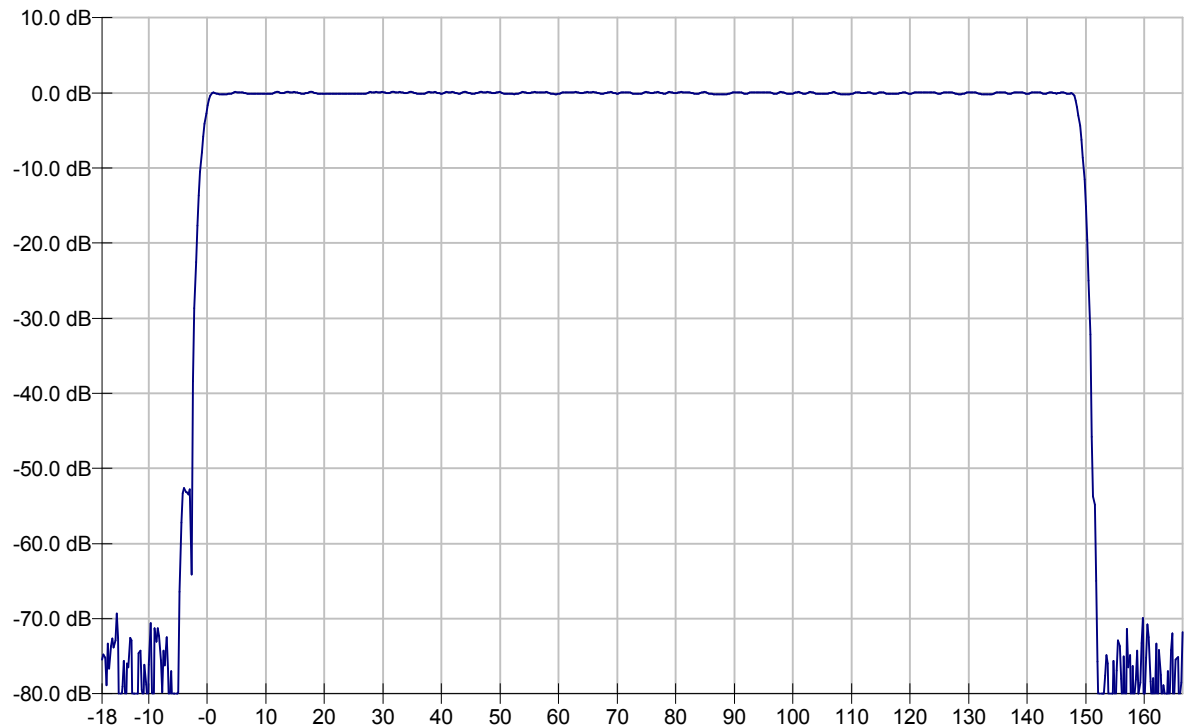
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

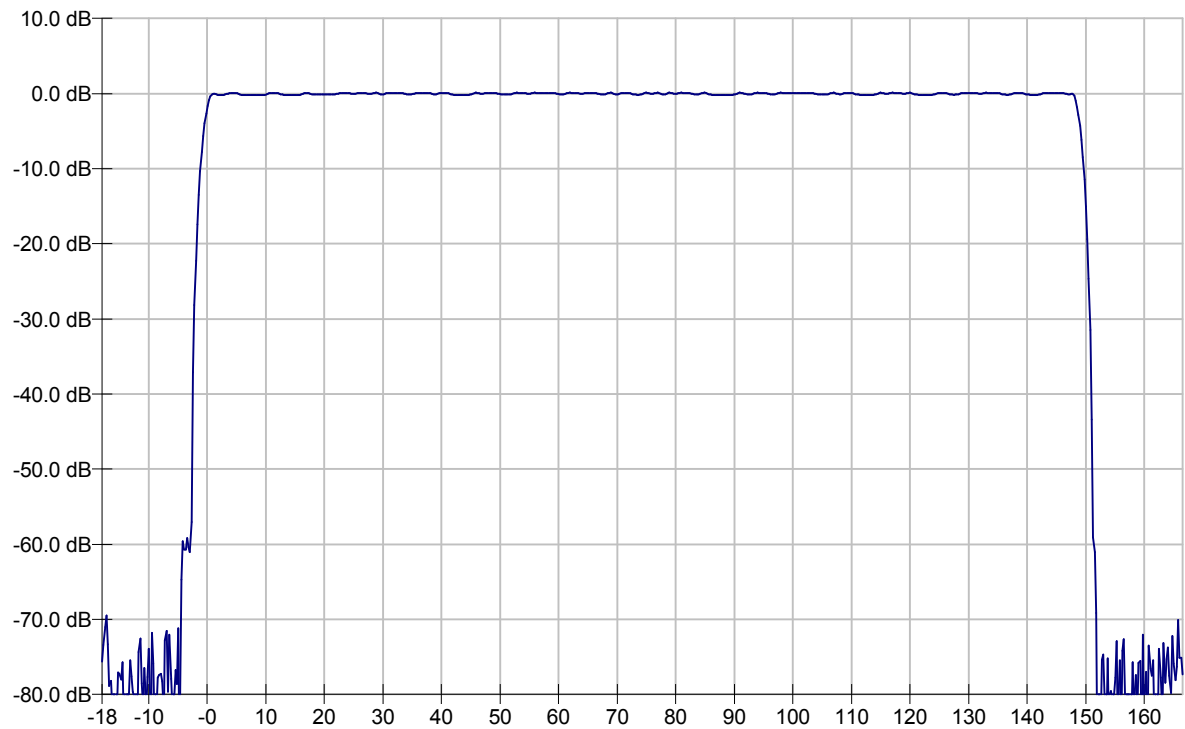
Guard Level (dB): 3.0, Number of Slots: 1





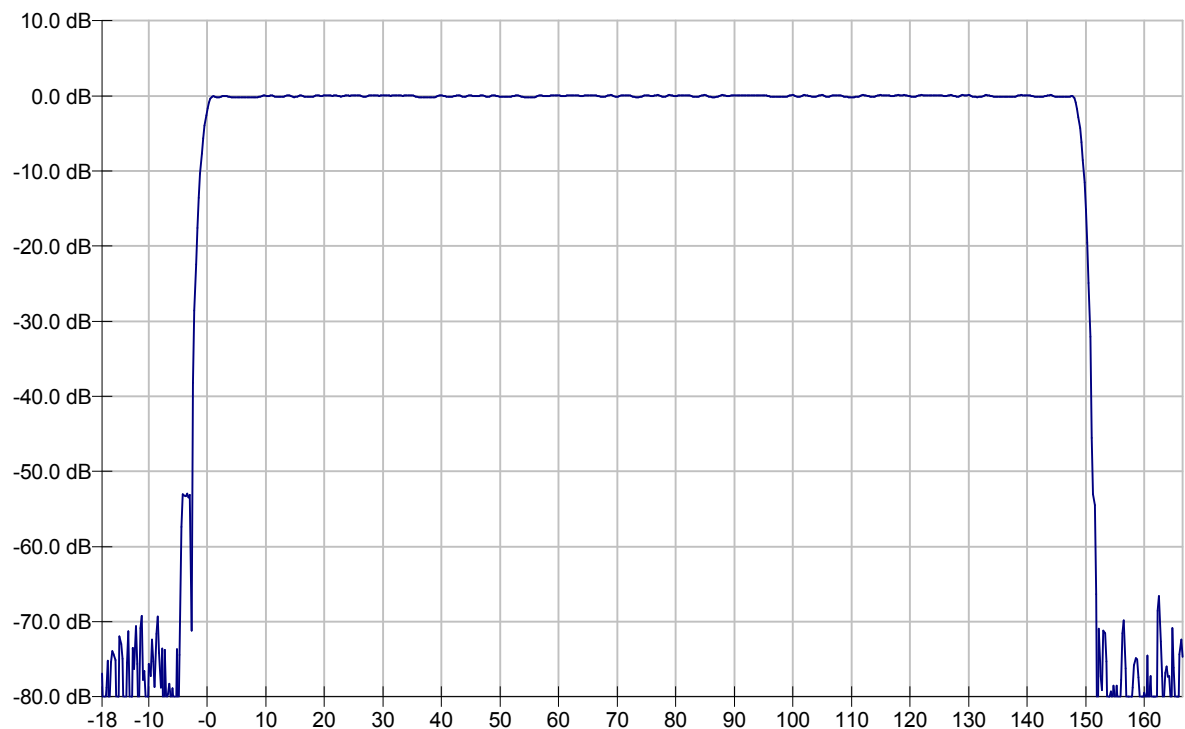
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

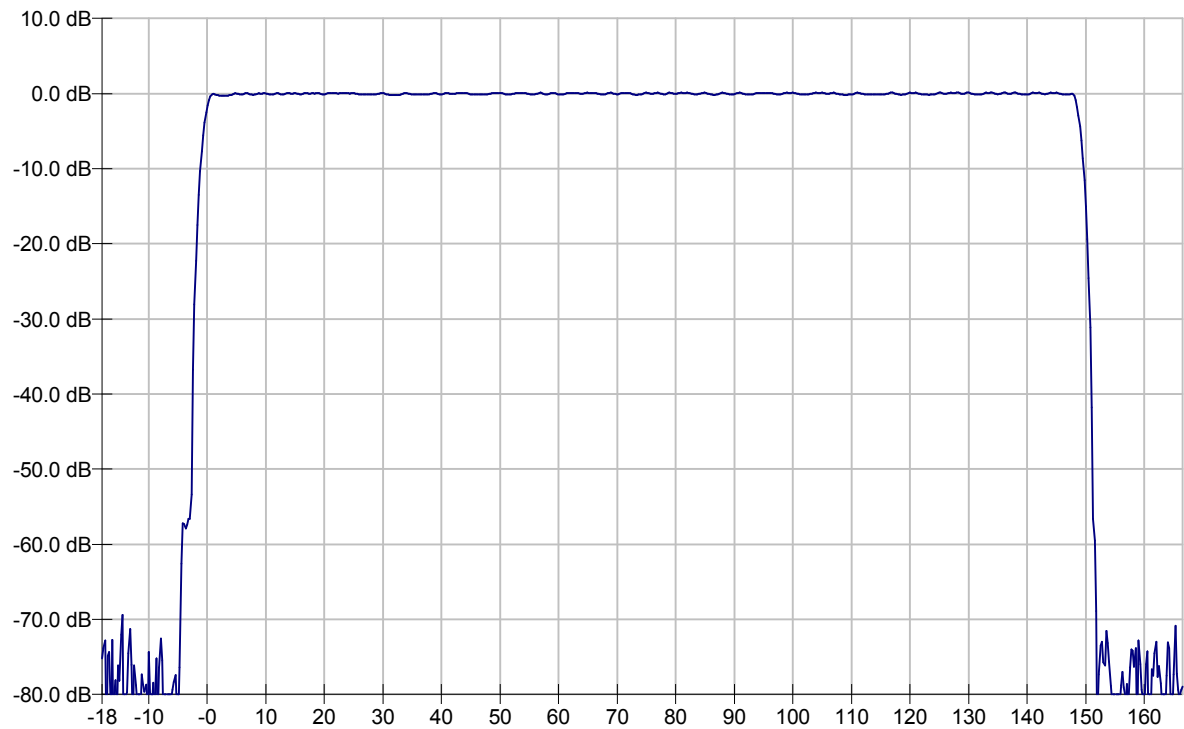
Guard Level (dB): 3.0, Number of Slots: 1





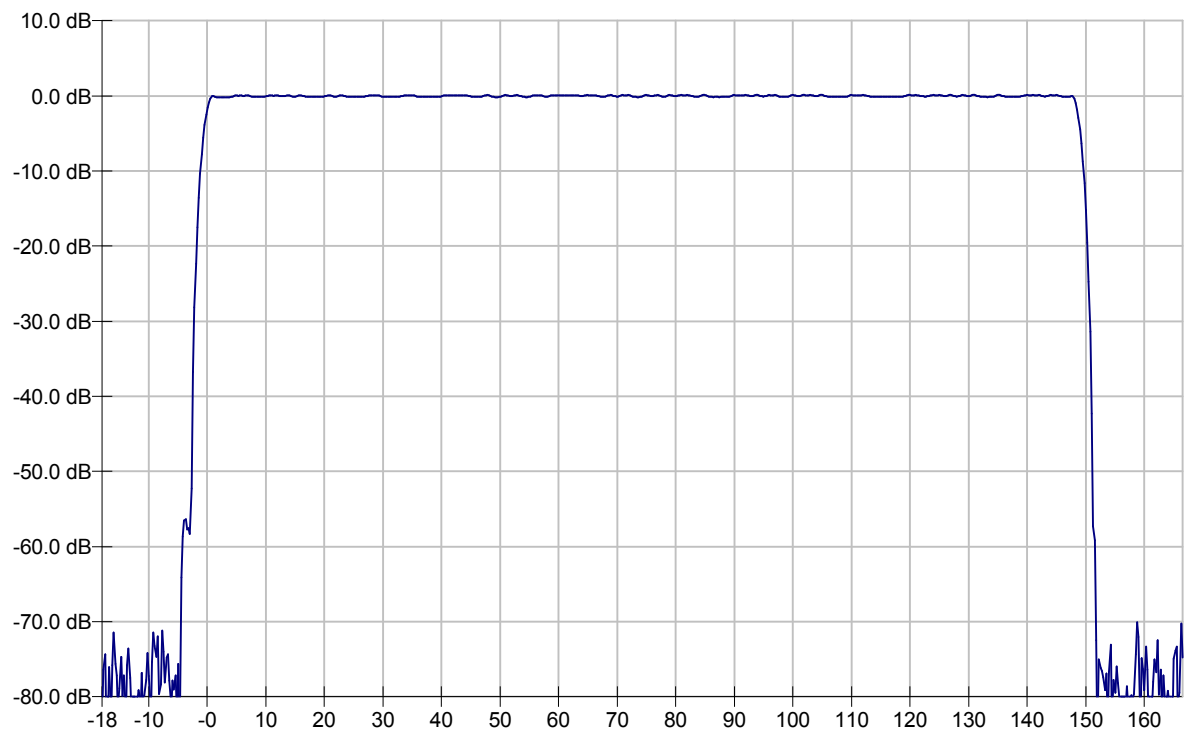
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



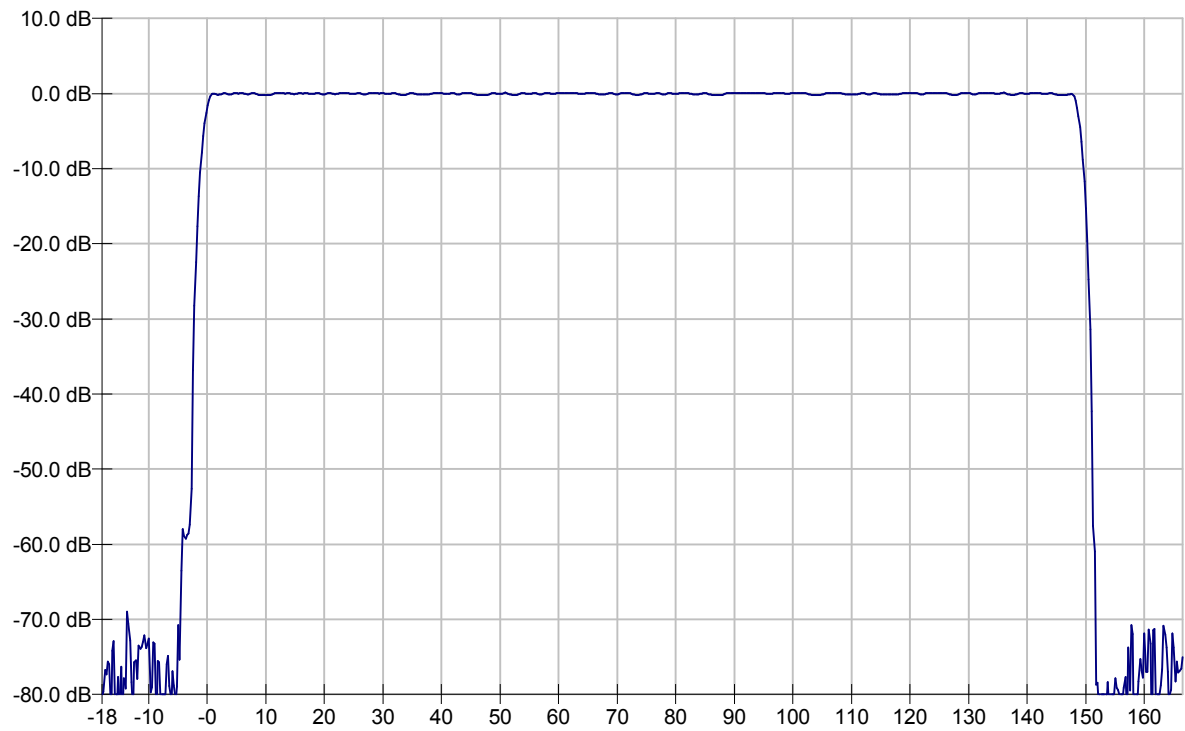
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



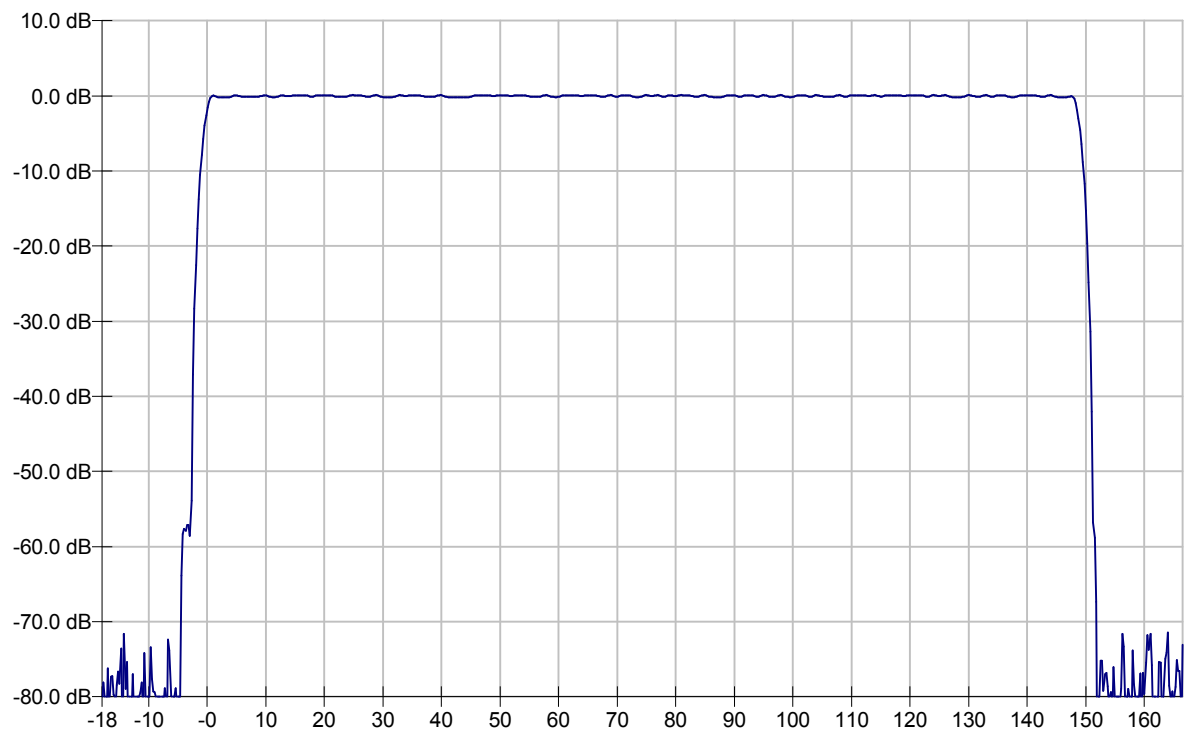
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



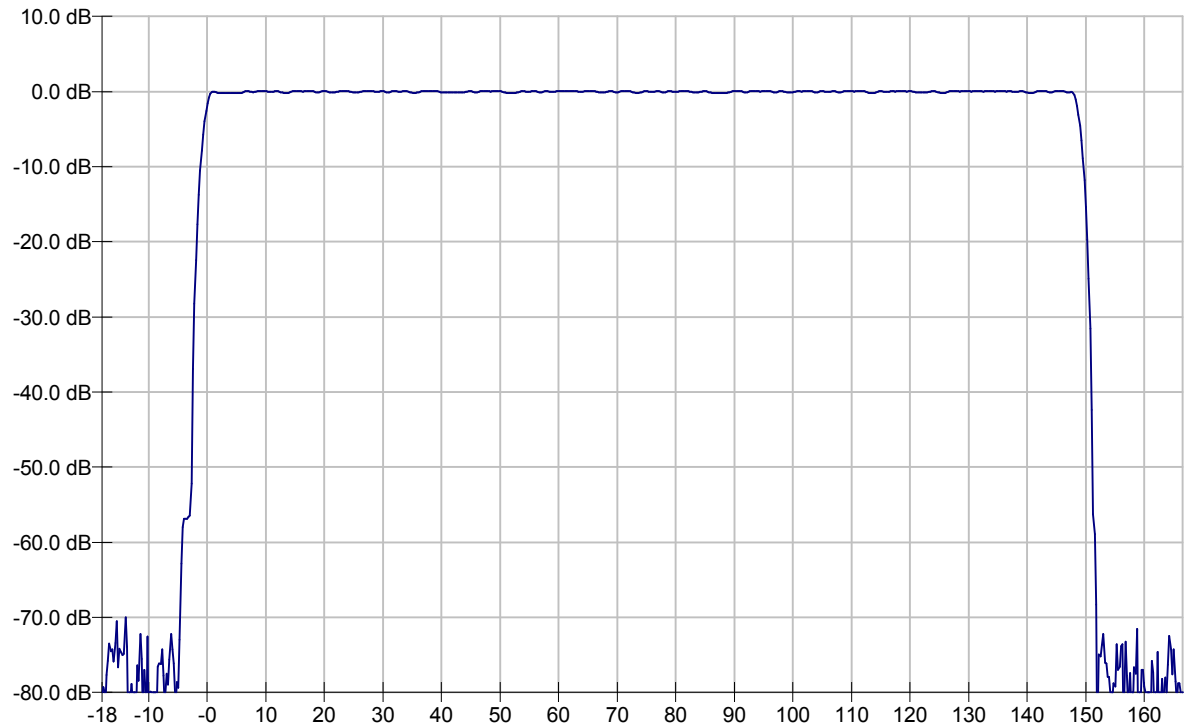
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



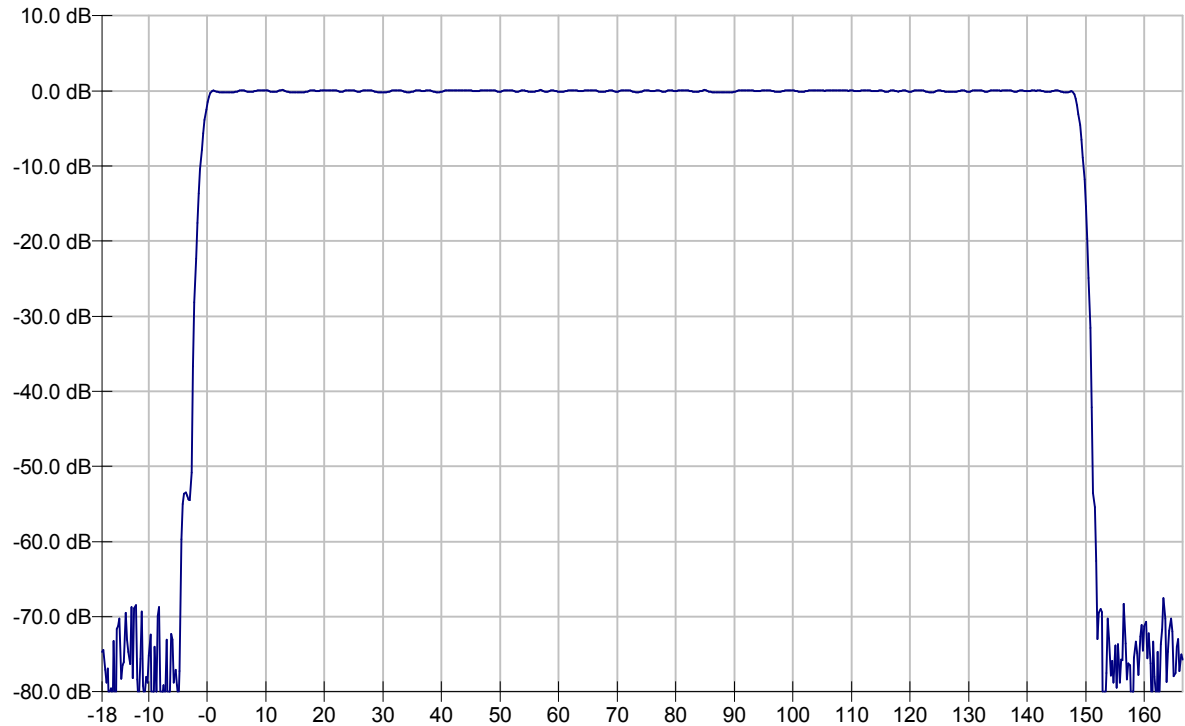
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

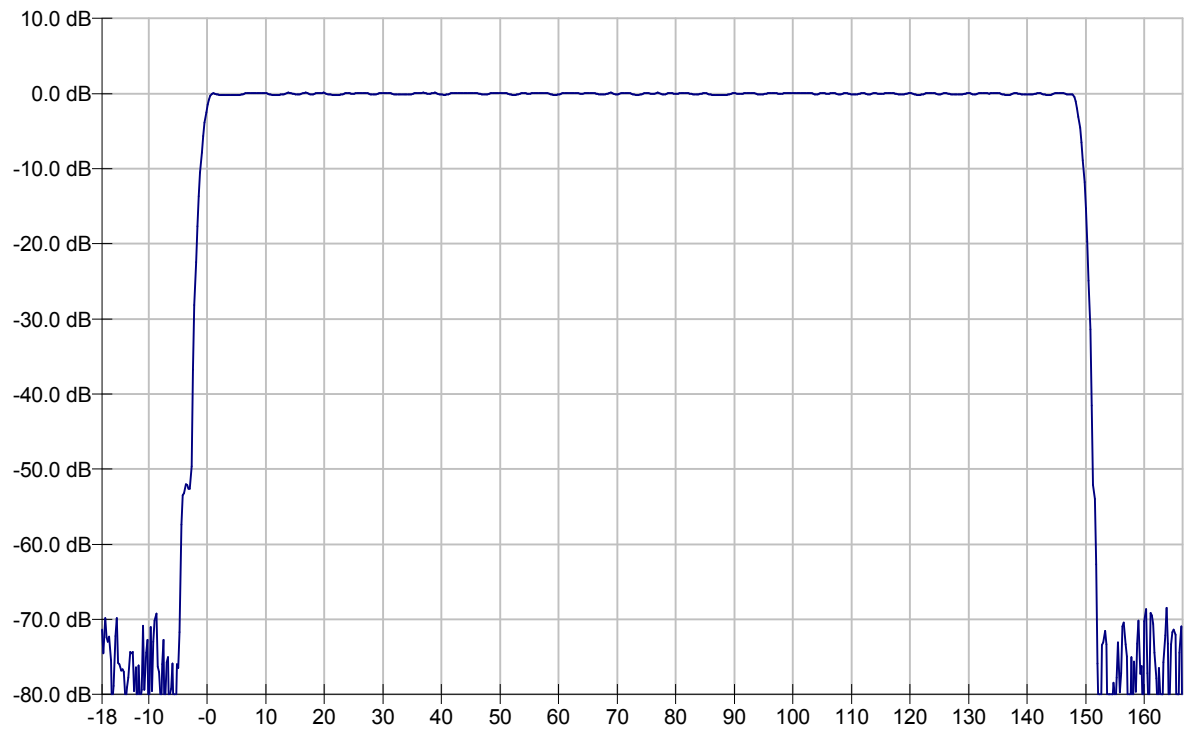
Guard Level (dB): 3.0, Number of Slots: 1





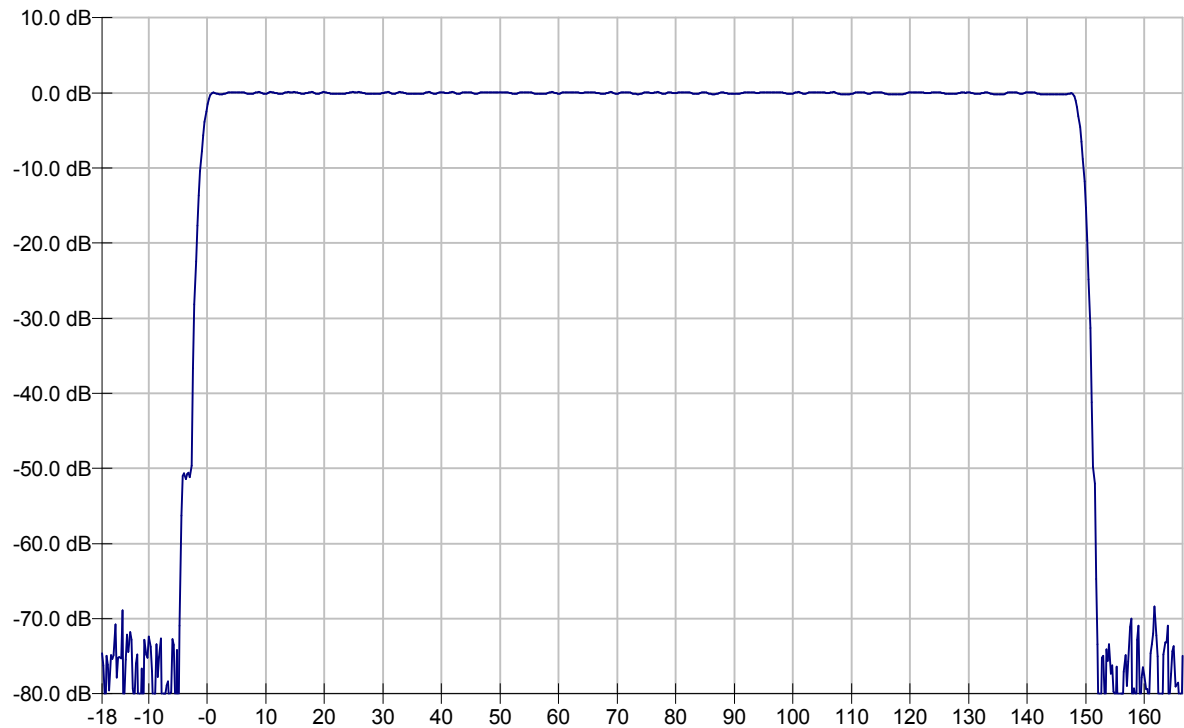
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

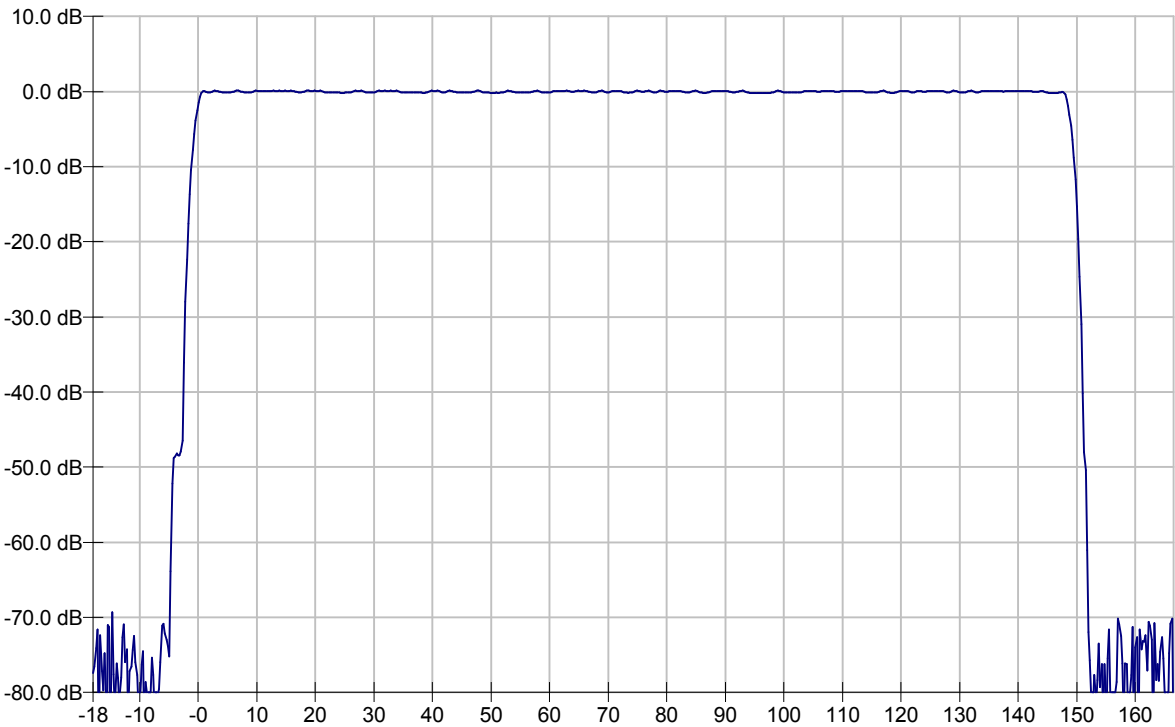
Guard Level (dB): 3.0, Number of Slots: 1





Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Measurement Report



Report No. : TG151943

ROHDE & SCHWARZ

Operator: noname

2021年5月25日 下午 13:58:07

CMU Ident: Rohde&Schwarz,CMU 200-1100.0008.02,117995,V5.22

Options: 0,B17,B21Var14,B52Var14,B54Var14,B56Var54,B66,COPROC_FULLL,B83,B85,B89,B96,PCMCIA,WDDC400,K16
K17,K20,K21,K22,K23,K24,K27,K28,K29,K42,K43,K56,K57,K58,K59,K60,K61,K62,K63,K64,K65,K66,K67
K68,K69,K83,K84,K85,K86,K88,K839,K849,K859,K869,FMR6,Intel Celeron Mobil,256 MB
rxtx1

Sequence: - - -

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
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Network: GSM 900, BCCH Channel/Level: 32/-85.0 dBm, TCH Channel: 124, Ref. Level: -85.0,Support GPRS

Main Timeslot: 3, Attenuation (In/Out): 6.0/6.0 dB, Bitstream: PR9, Aux TX: BCCH

Multi Slot Mode: BCCH AND TCH, Testmode: A, Coding Scheme: CS1, Acknowledge: On, RLC Mode: Not ack

Automatic Slot Configuration: Off

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Extended Dynamic Allocation: Auto, PC Meas Channel: BCCH

IMSI: 1. 1."0123456789", Serialno: 35186080-300022-5, Revision: PH2P, Power Class: 4, Multi Slot Class: CL12

GPRS Call to Mobile:			passed	✓
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Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 3, 3, 3, 3, 3, 3, 3, 3

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.50 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	31.00 dBm	35.00 dBm	34.68 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 4, 4, 4, 4, 4, 4, 4, 4

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	31.85 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	28.00 dBm	34.00 dBm	32.06 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 5, 5, 5, 5, 5, 5, 5, 5

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.73 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	26.00 dBm	32.00 dBm	29.91 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 6, 6, 6, 6, 6, 6, 6, 6

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Average Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.75 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	24.00 dBm	30.00 dBm	27.90 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 7, 7, 7, 7, 7, 7, 7, 7

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.70 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	22.00 dBm	28.00 dBm	25.82 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 8, 8, 8, 8, 8, 8, 8, 8

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.56 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	20.00 dBm	26.00 dBm	23.69 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 9, 9, 9, 9, 9, 9, 9, 9

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.63 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	18.00 dBm	24.00 dBm	21.78 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 10, 10, 10, 10, 10, 10, 10, 10

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.75 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	16.00 dBm	22.00 dBm	19.89 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 11, 11, 11, 11, 11, 11, 11, 11

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Number of Slots: 1, Guard Level (dB): 3.0

Average Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.68 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	14.00 dBm	20.00 dBm	17.81 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓

Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0

Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 12, 12, 12, 12, 12, 12, 12, 12

Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1

Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.73 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	12.00 dBm	18.00 dBm	15.86 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 13, 13, 13, 13, 13, 13, 13, 13				
Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.67 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	10.00 dBm	16.00 dBm	13.80 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 14, 14, 14, 14, 14, 14, 14, 14				
Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.67 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	6.00 dBm	16.00 dBm	11.80 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 15, 15, 15, 15, 15, 15, 15, 15				
Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.65 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	4.00 dBm	14.00 dBm	9.80 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 16, 16, 16, 16, 16, 16, 16, 16				
Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.68 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	2.00 dBm	12.00 dBm	7.82 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
Downlink (Slot 0..7: Enable, dB): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				
Uplink (Slot 0..7: Enable, Gamma): OFF,OFF,OFF,ON,OFF,OFF,OFF,OFF, 17, 17, 17, 17, 17, 17, 17, 17				
Main Timeslot: 3, GSM 900,Traffic channel: 124, Coding Scheme: CS1				
Number of Slots: 1, Guard Level (dB): 3.0				
Average Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.69 dBm	✓
Peak Burst Power: Slot 3 , 20 Bursts	0.00 dBm	10.00 dBm	5.84 dBm	✓
Power Time Template: Slot 3 , 20 Bursts			passed	✓
Timing Error: Slot 3 , 20 Bursts	-2.00 Bit	2.00 Bit	0.00 Bit	✓
GPRS Call Release Test:			passed	✓



Test Name and Condition	Lower Limit	Upper Limit	Measured Value	P/F
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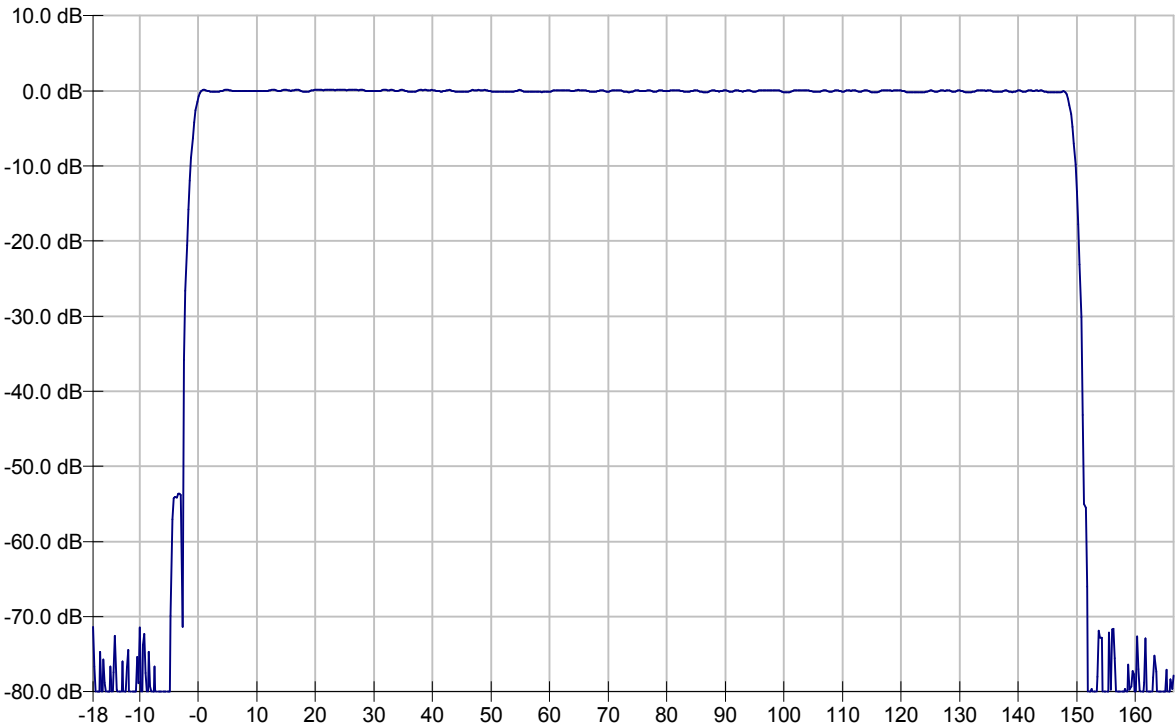
MS Serial Number: 35186080-300022-5

Result:
(Execution Time: 113.0 Seconds)

62 Tests passed / 0 failed / 135 with NAN

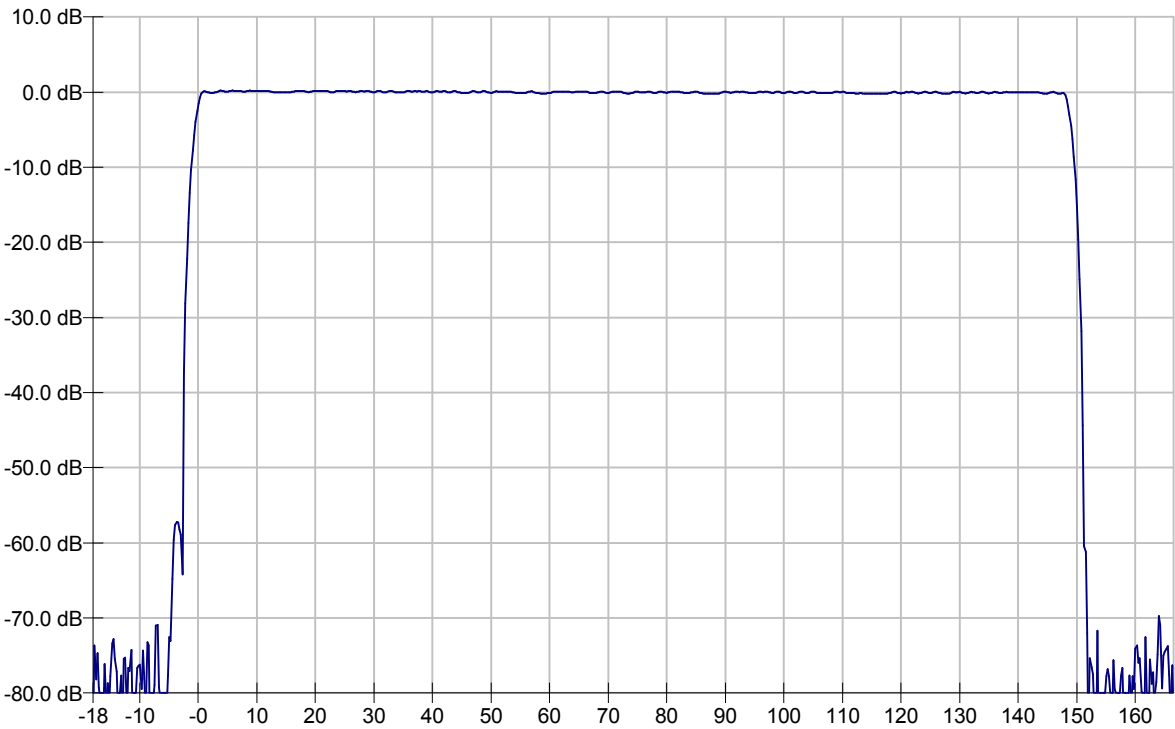
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

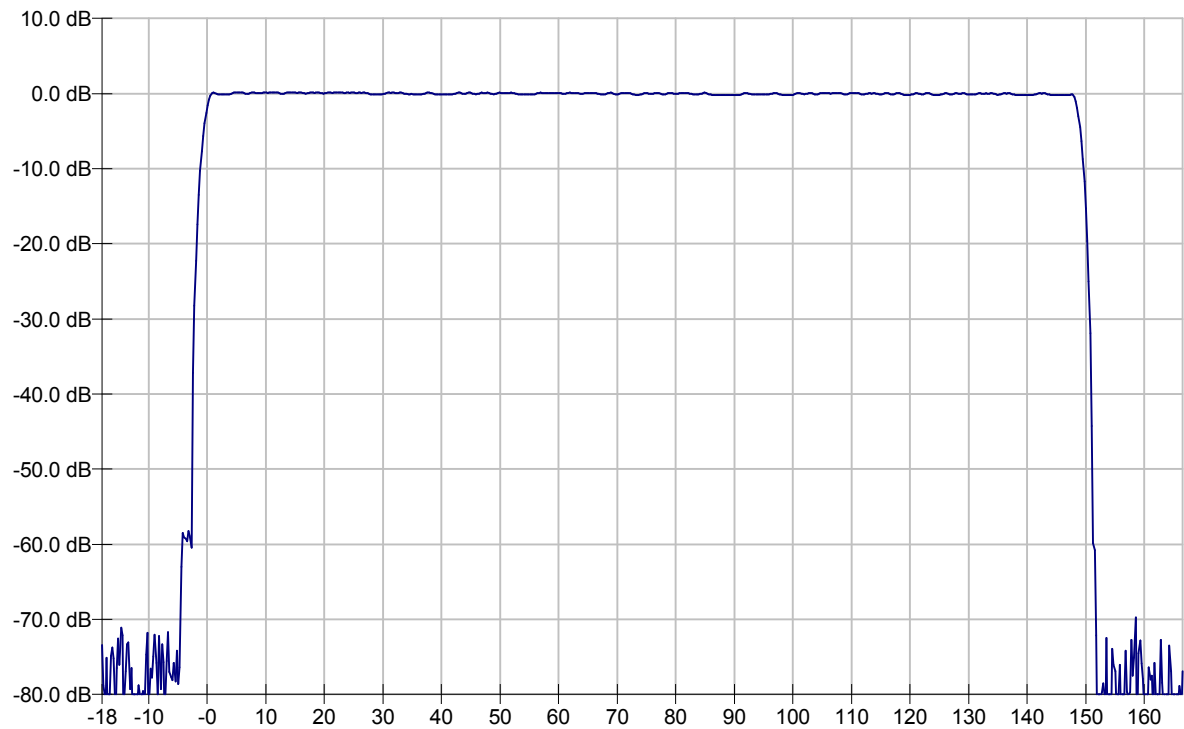
Guard Level (dB): 3.0, Number of Slots: 1





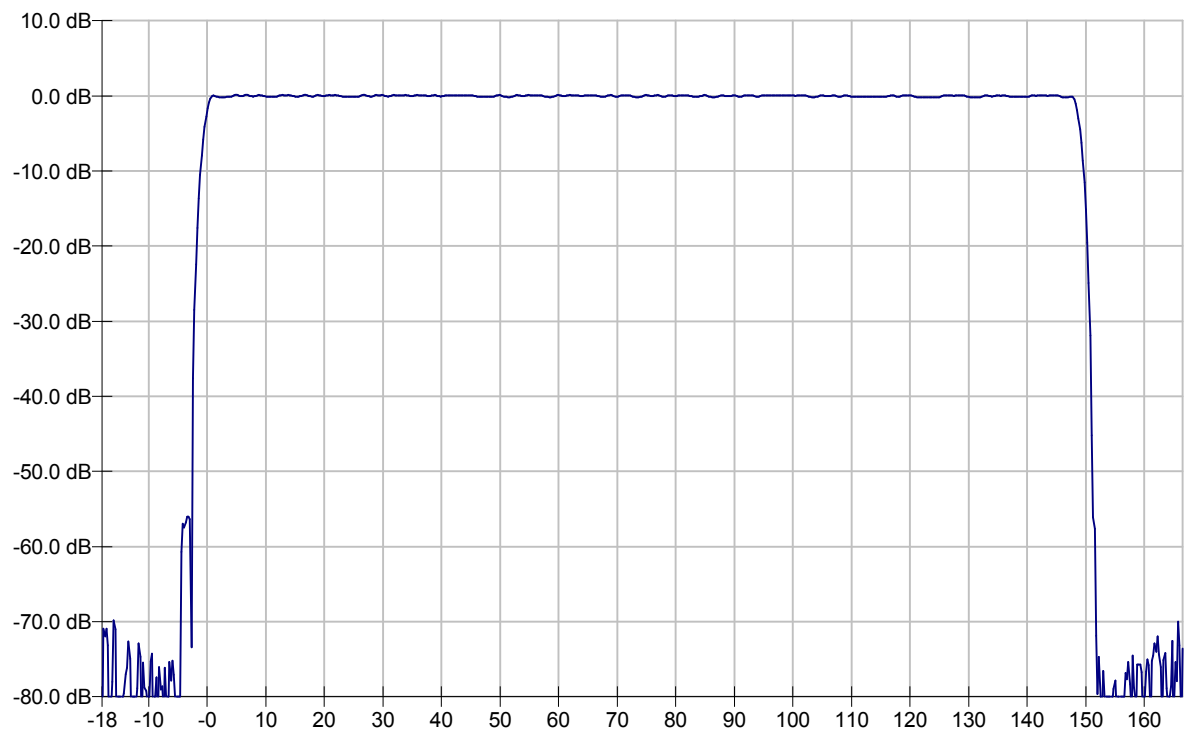
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

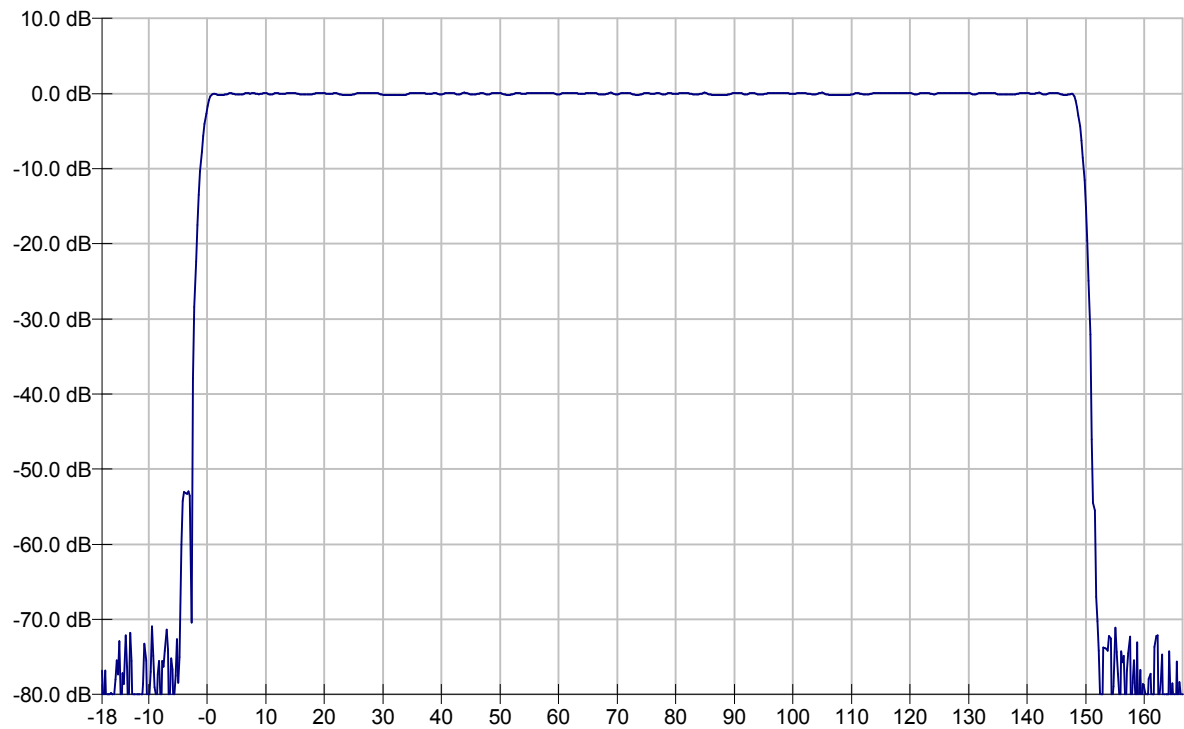
Guard Level (dB): 3.0, Number of Slots: 1





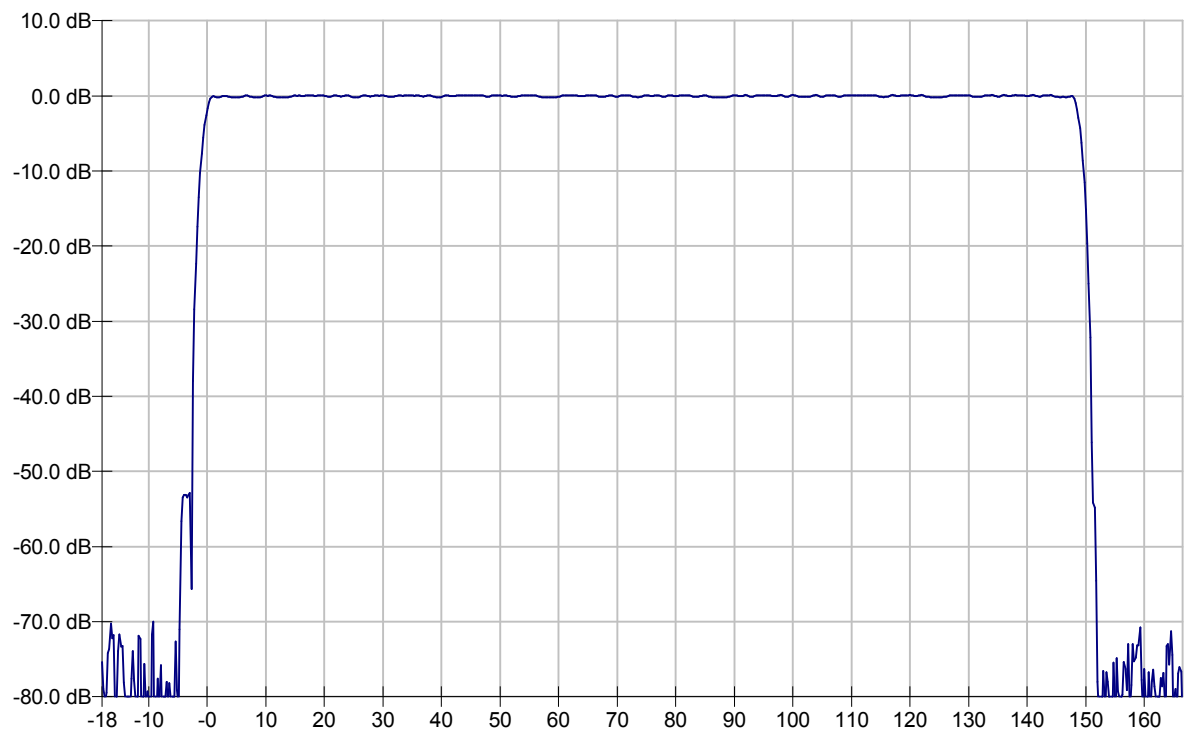
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

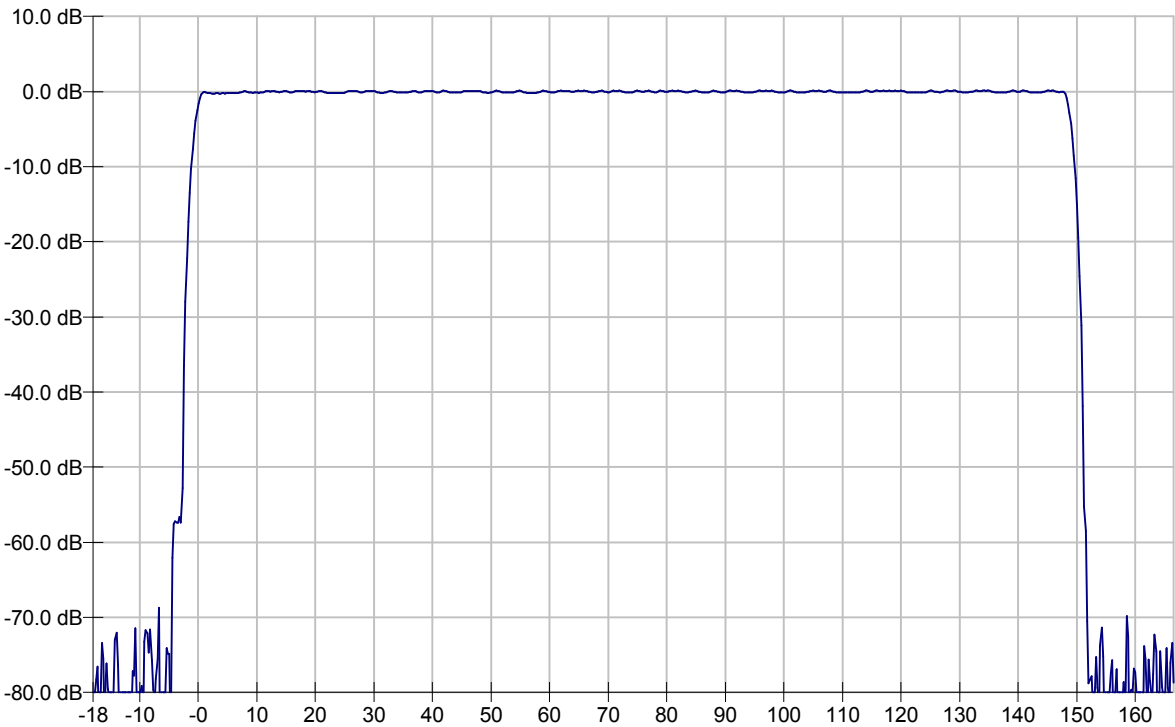
Guard Level (dB): 3.0, Number of Slots: 1





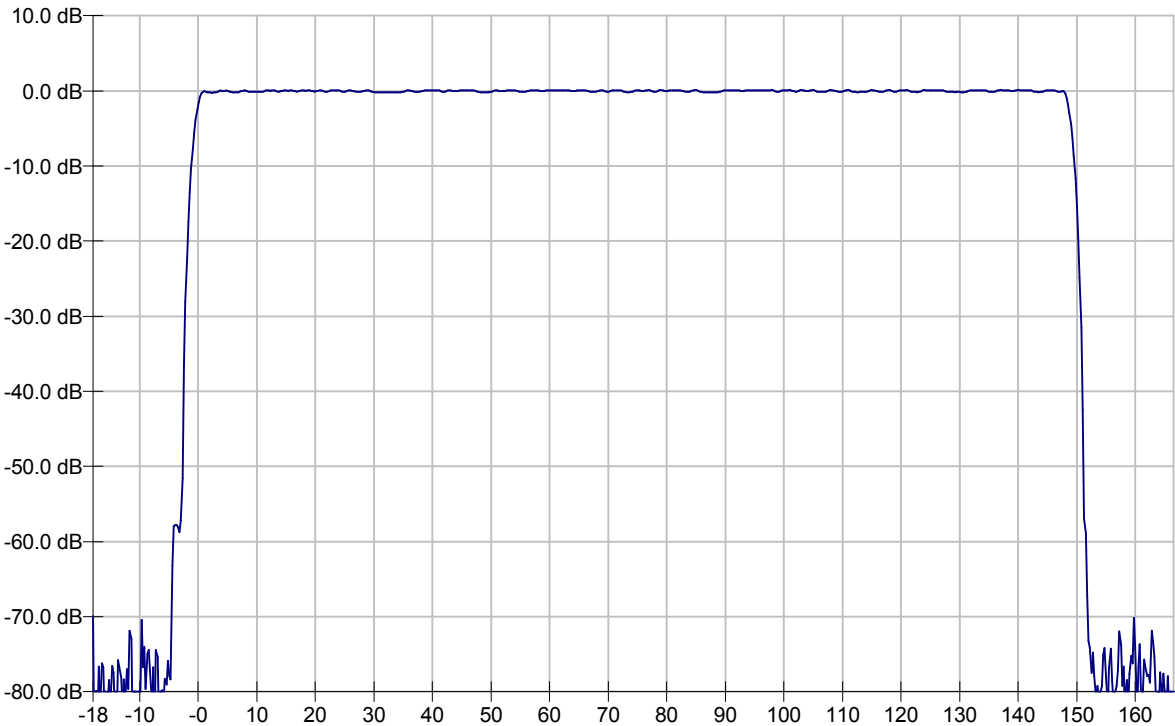
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

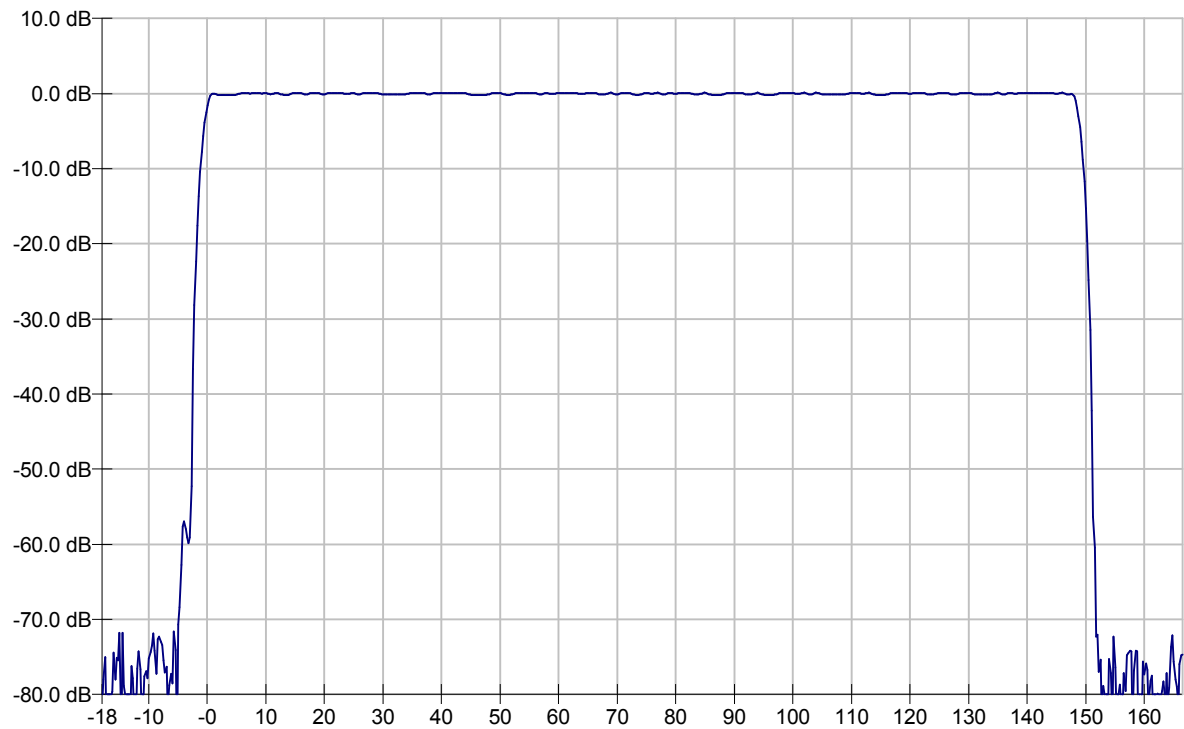
Guard Level (dB): 3.0, Number of Slots: 1





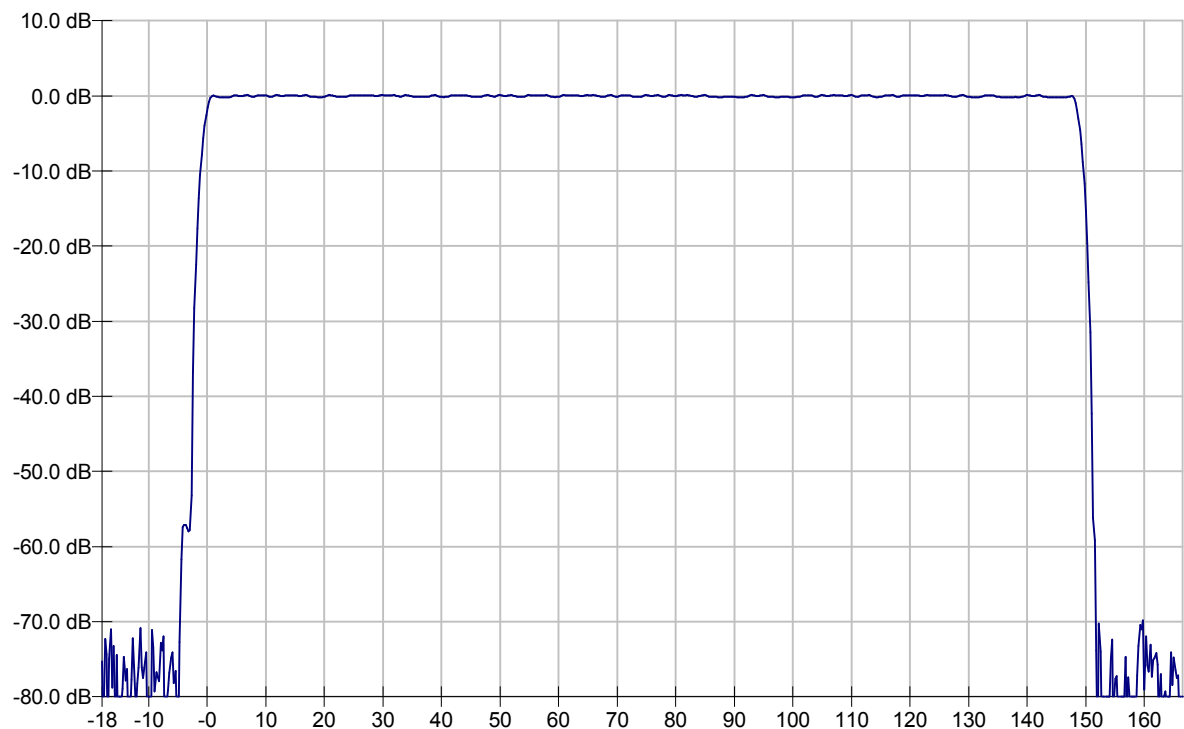
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

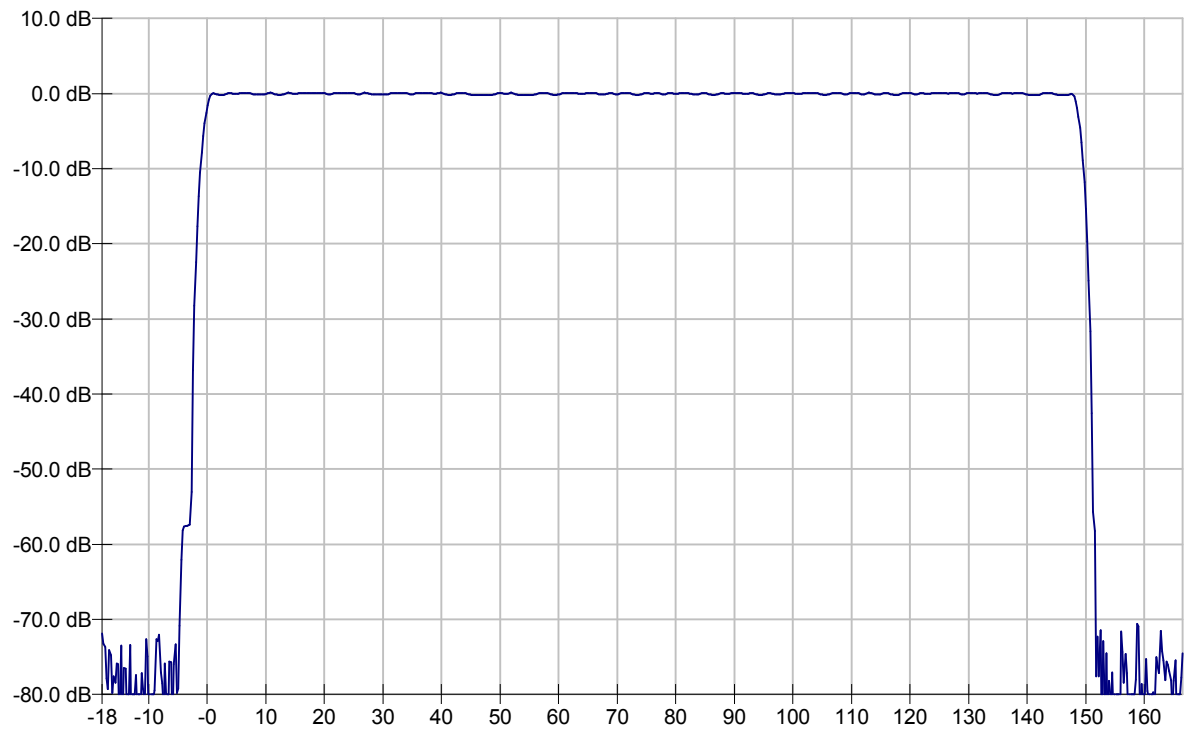
Guard Level (dB): 3.0, Number of Slots: 1





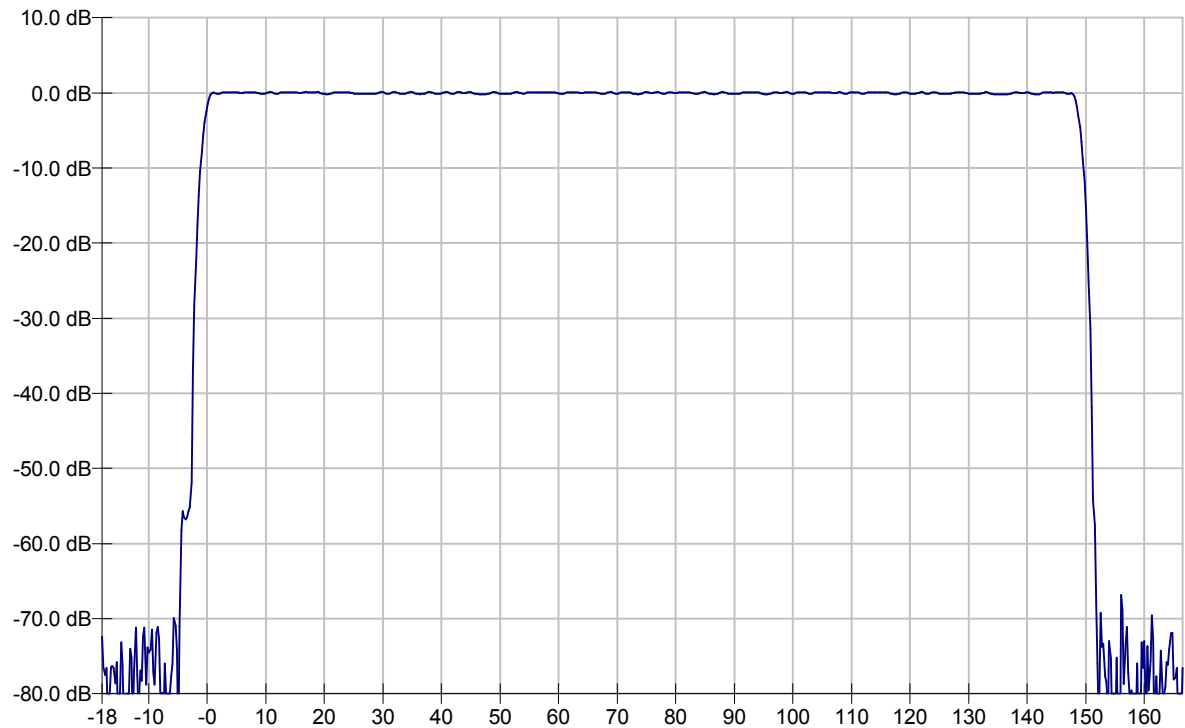
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

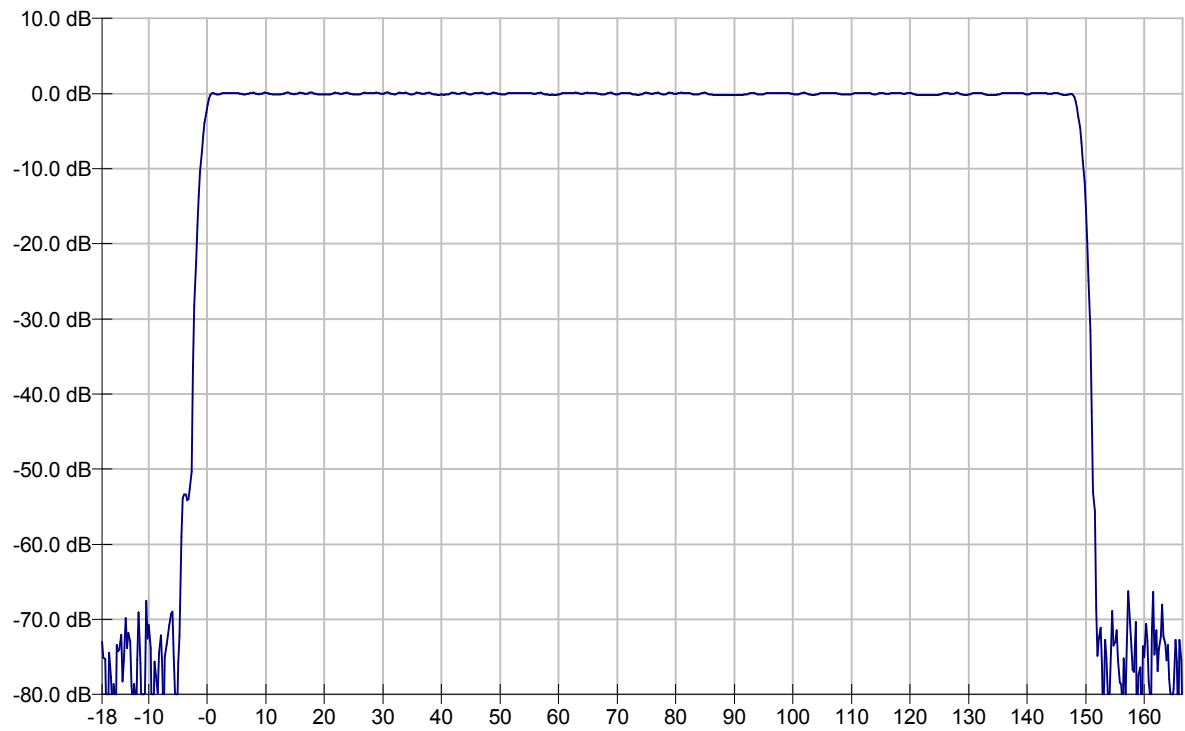
Guard Level (dB): 3.0, Number of Slots: 1





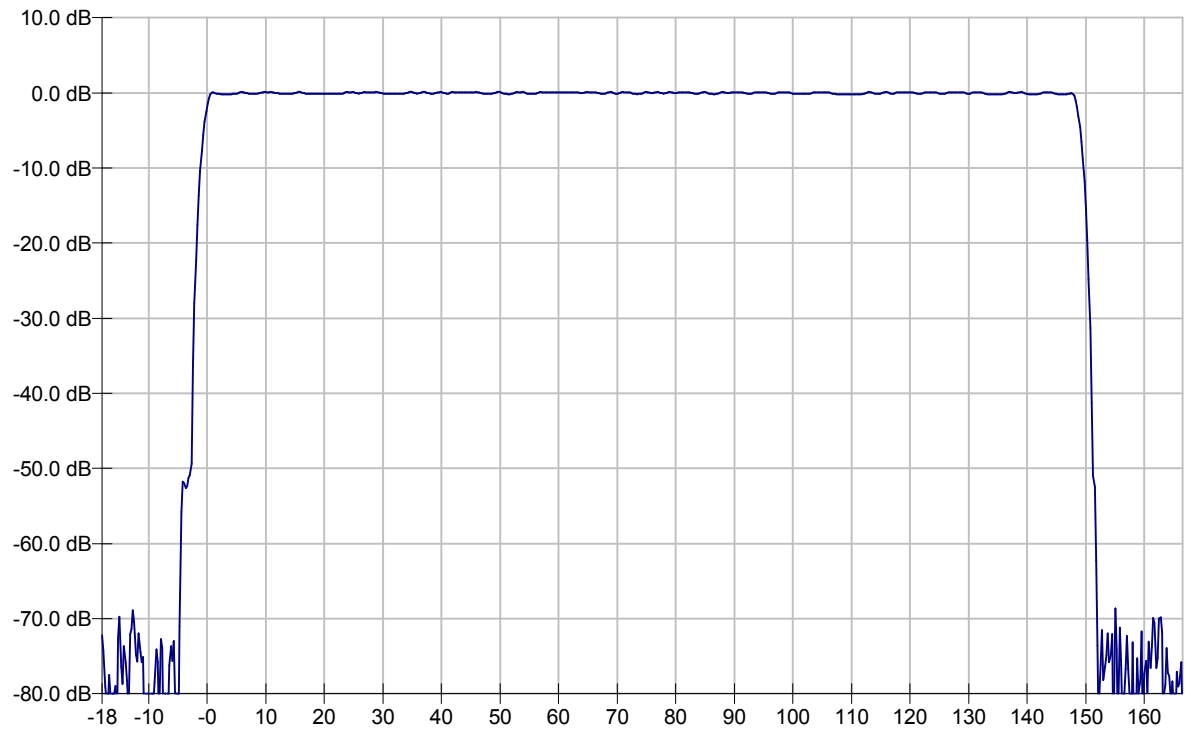
Annex: Power Graphic

Guard Level (dB): 3.0, Number of Slots: 1



Annex: Power Graphic

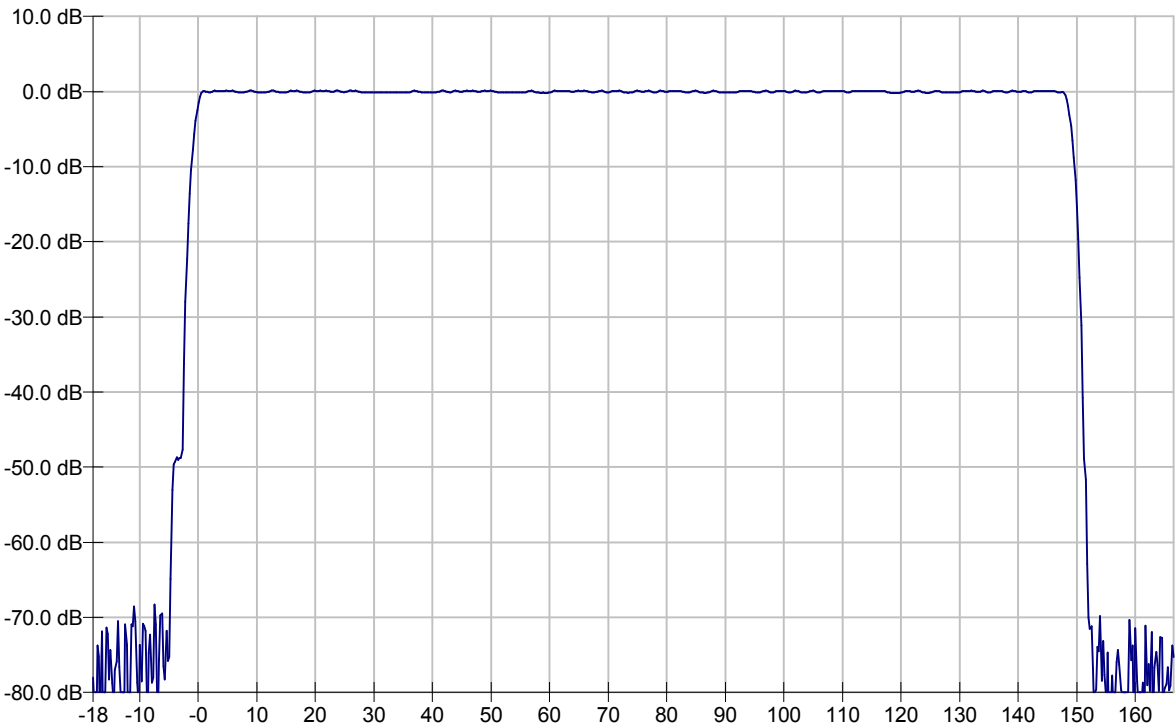
Guard Level (dB): 3.0, Number of Slots: 1





Annex: Power Graphic

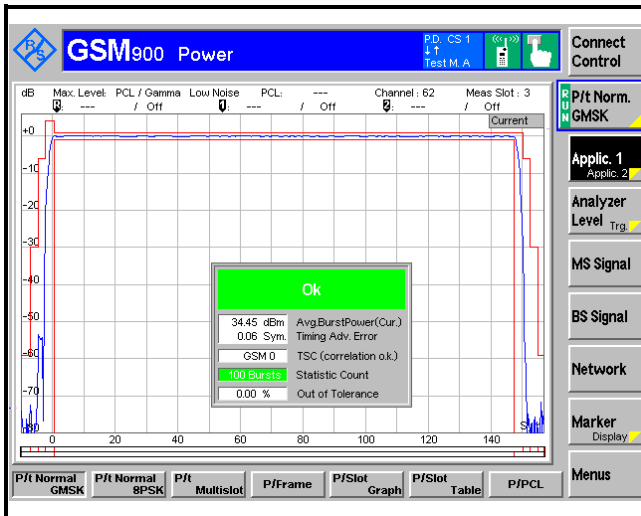
Guard Level (dB): 3.0, Number of Slots: 1



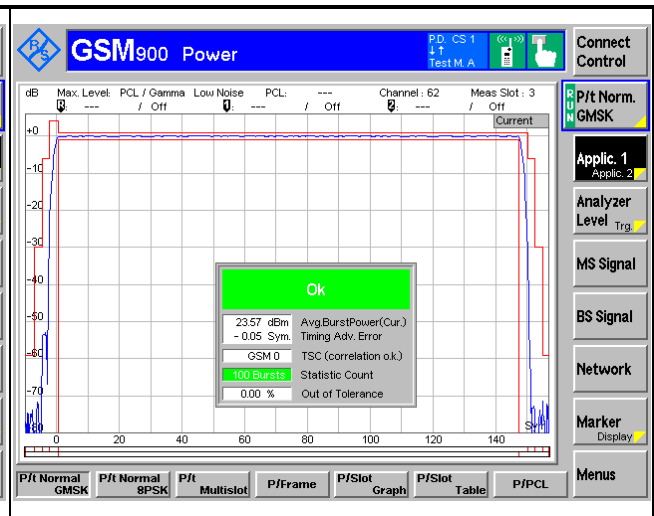


➤ 擷取叢訊功率

NTNV, CH62, PCL 5 擷取叢訊發射機功率圖

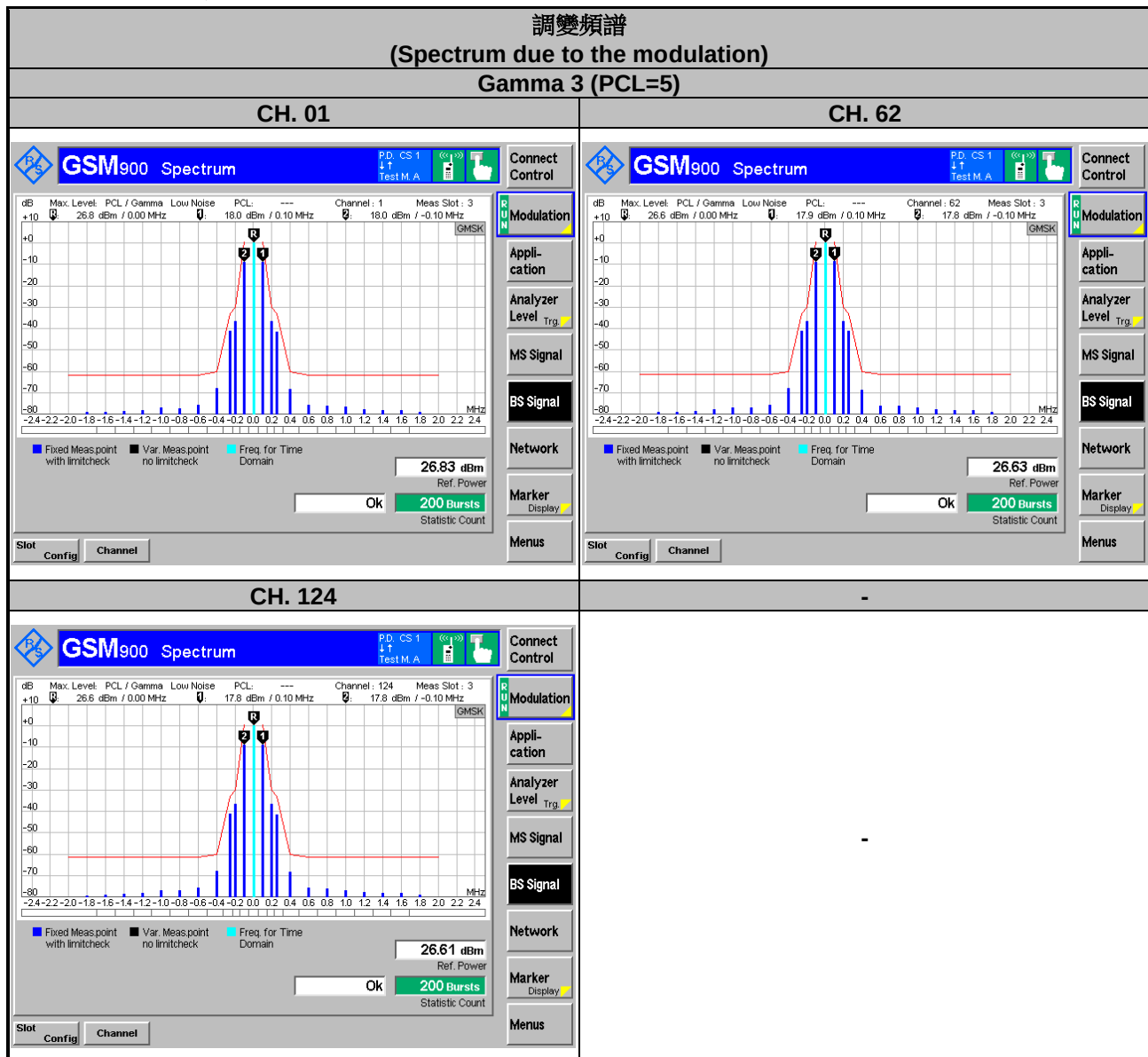


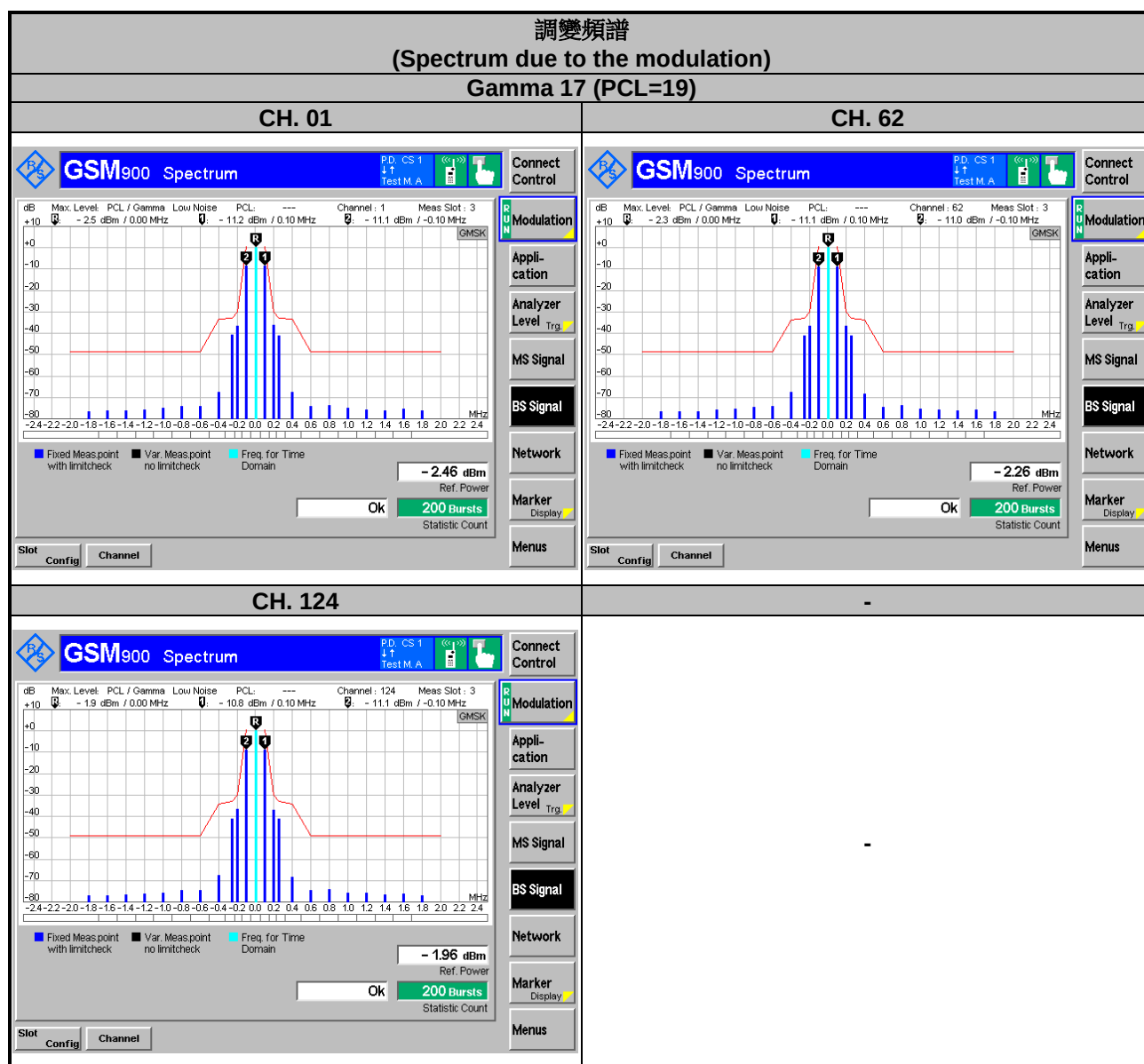
NTNV, CH62, PCL 10 擷取叢訊發射機功率圖





附錄 B. RF 輸出頻譜

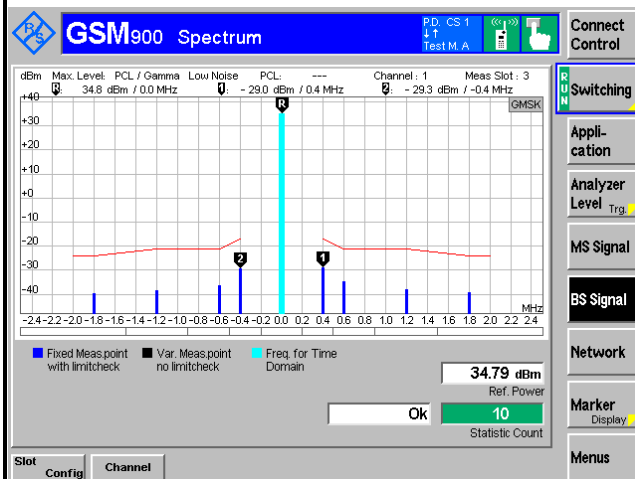




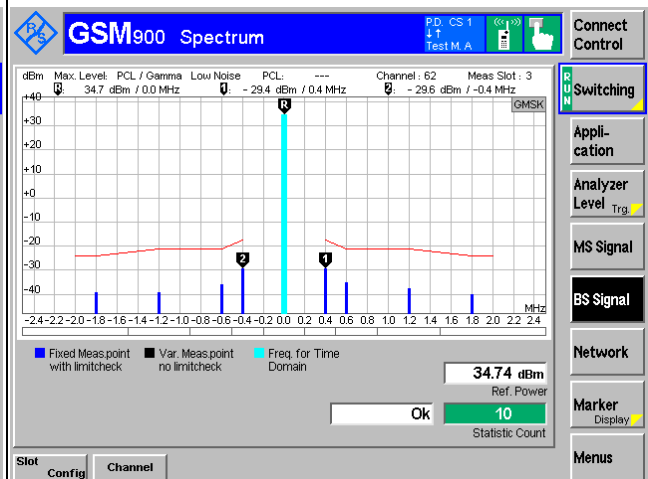


功率轉換瞬態所產生之頻譜
(Spectrum due to switching transients)
Gamma 3 (PCL=5)

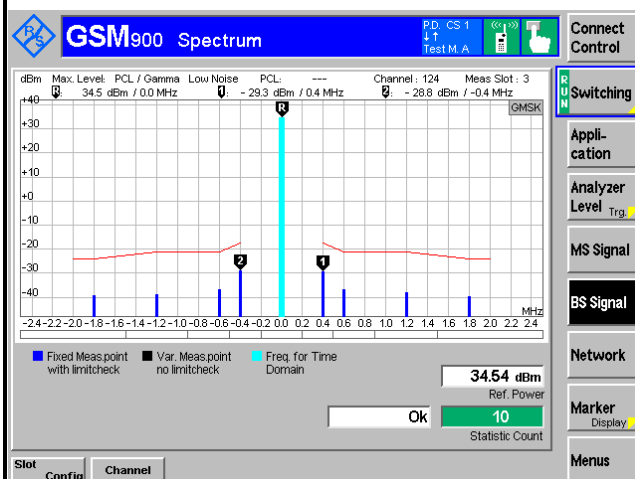
CH. 01



CH. 62



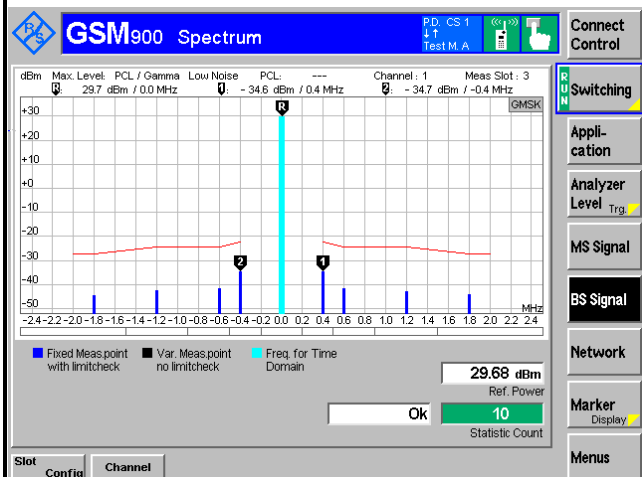
CH. 124



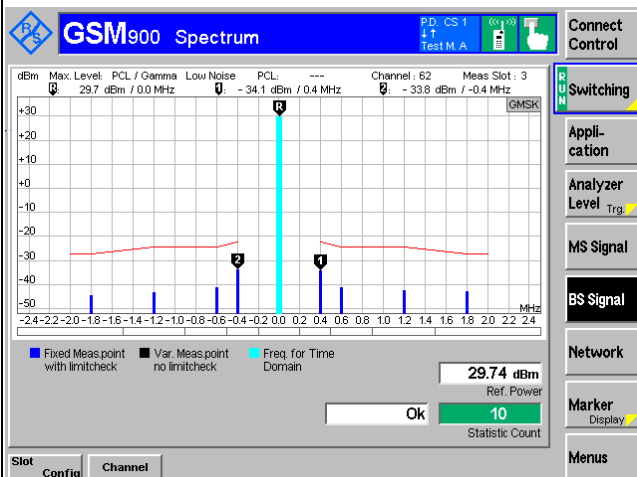
-

功率轉換瞬態所產生之頻譜
(Spectrum due to switching transients)
Gamma 5 (PCL=7)

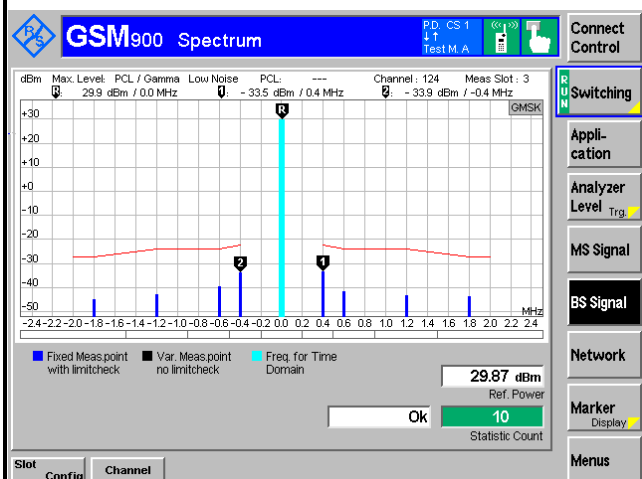
CH. 01



CH. 62



CH. 124



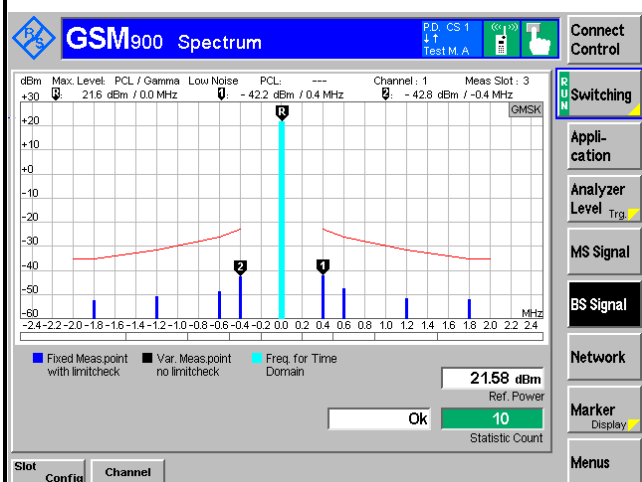
-



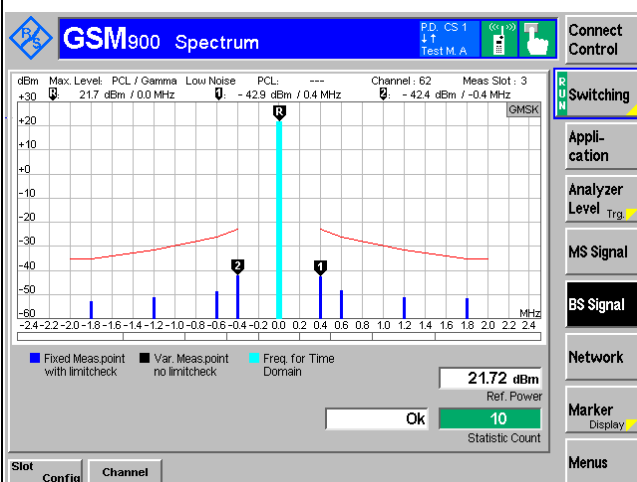
功率轉換瞬態所產生之頻譜
(Spectrum due to switching transients)

Gamma 9 (PCL=11)

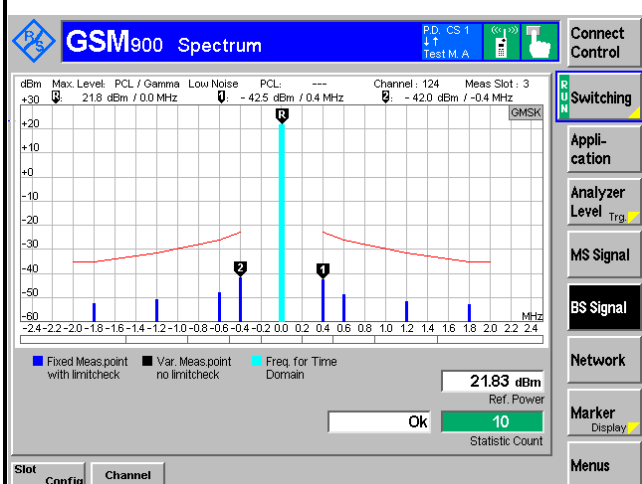
CH. 01



CH. 62



CH. 124

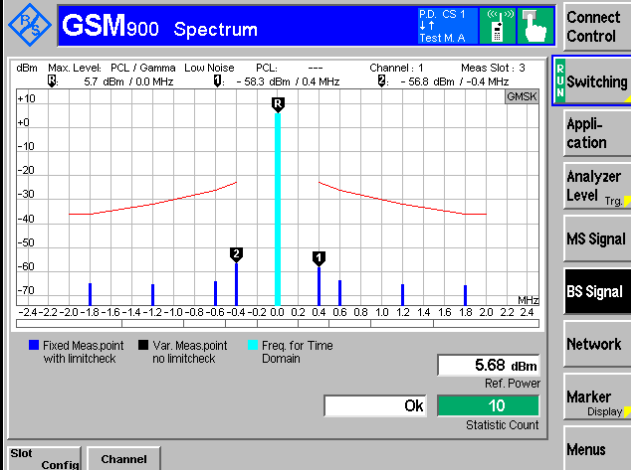


-

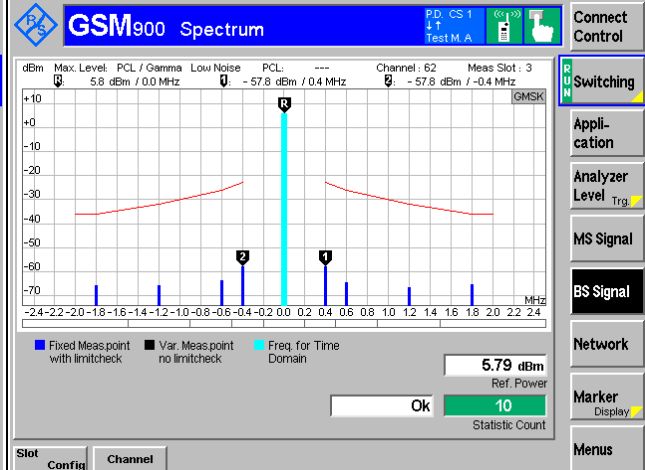


功率轉換瞬態所產生之頻譜
(Spectrum due to switching transients)
Gamma 17 (PCL=19)

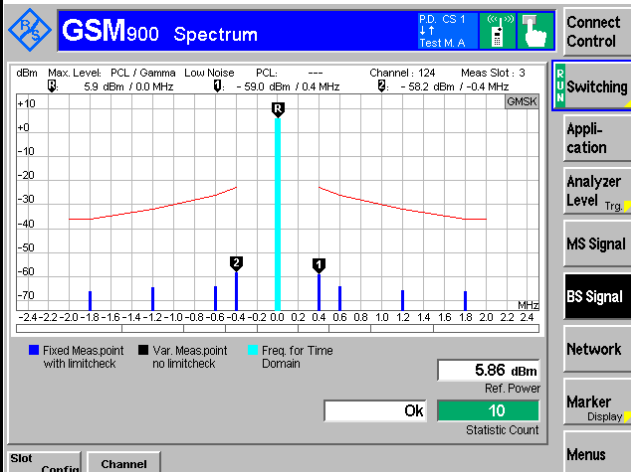
CH. 01



CH. 62



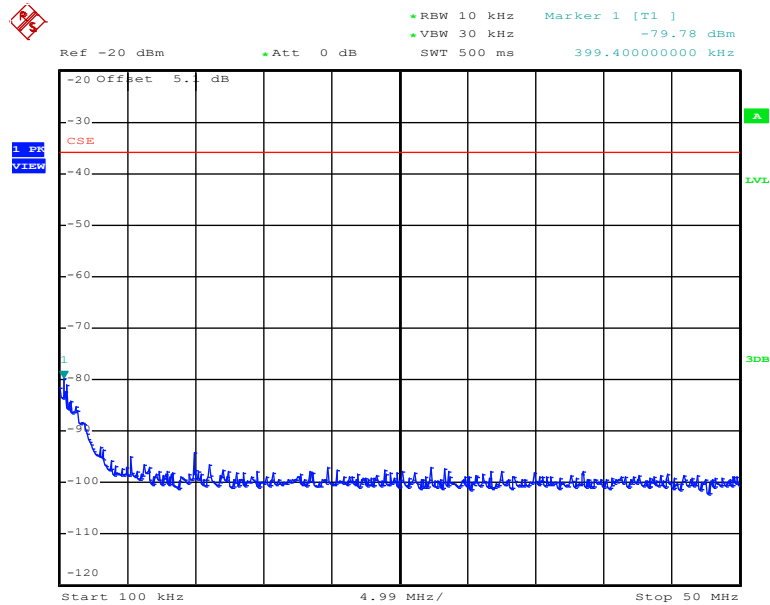
CH. 124



附錄 C. 混附波輻射連線狀態和空閒狀態檢驗數據

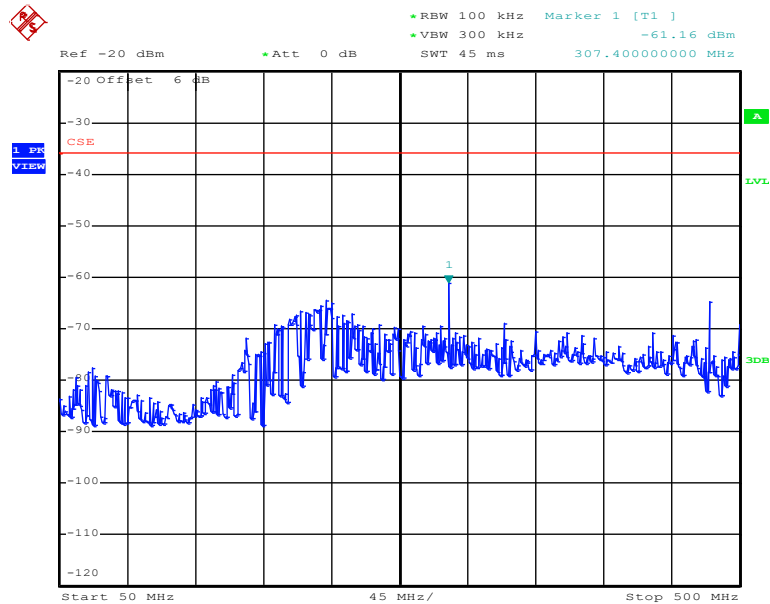
➤ 檢驗數據 for TX

頻段介於100KHz~50MHz



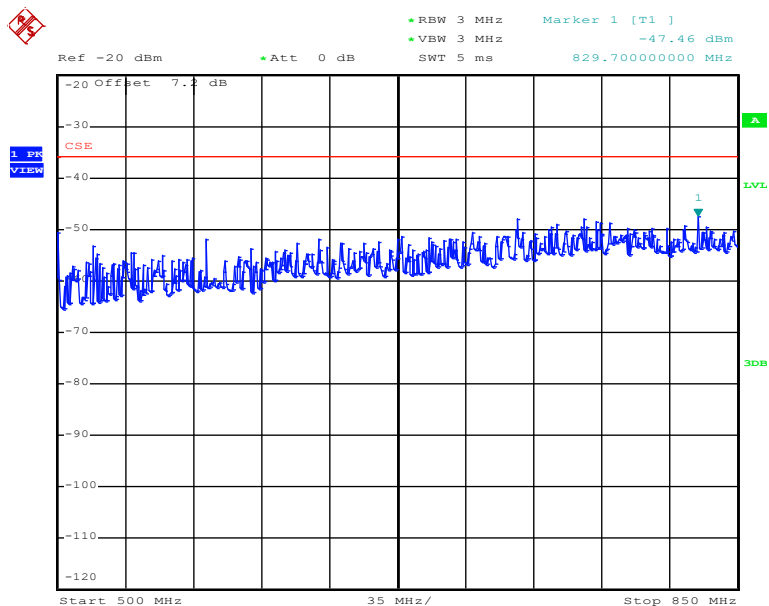
Date: 25.MAY.2021 15:12:45

頻段介於50MHz~500MHz



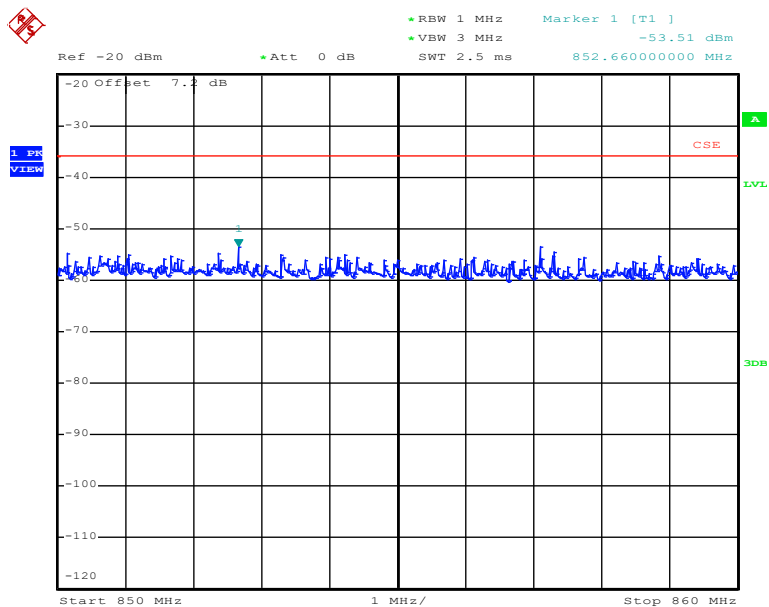
Date: 25.MAY.2021 15:12:55

頻段介於500MHz~850MHz



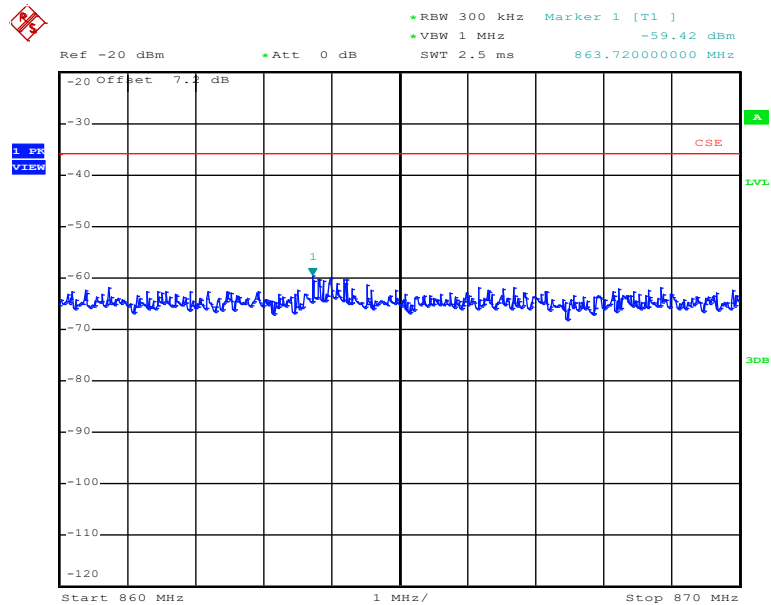
Date: 25.MAY.2021 15:13:05

頻段介於850MHz~860MHz



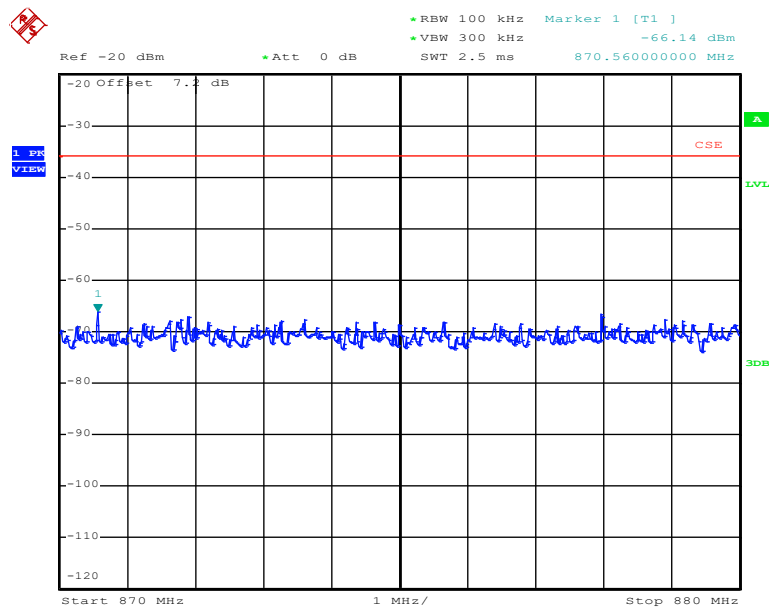
Date: 25.MAY.2021 15:13:14

頻段介於860MHz~870MHz



Date: 25.MAY.2021 15:13:24

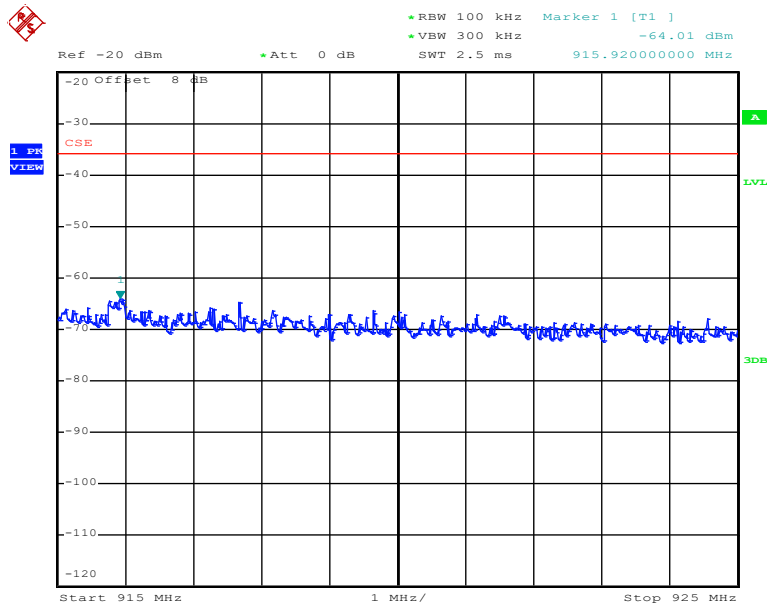
頻段介於870MHz~880MHz



Date: 25.MAY.2021 15:13:33

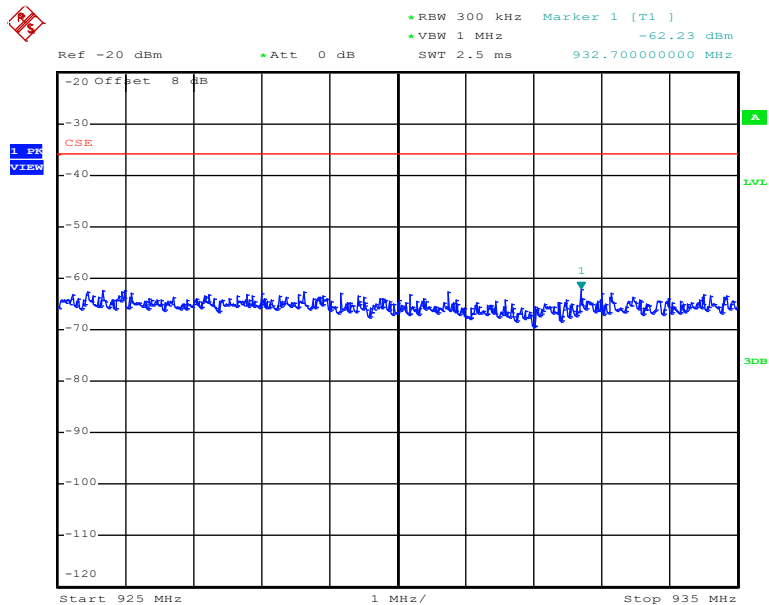


頻段介於915MHz~925MHz



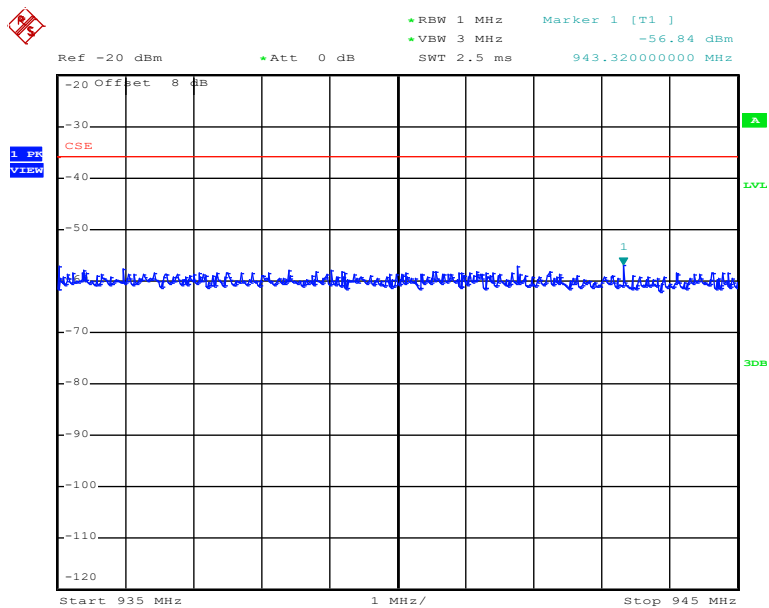
Date: 25.MAY.2021 15:13:42

頻段介於925MHz~935MHz



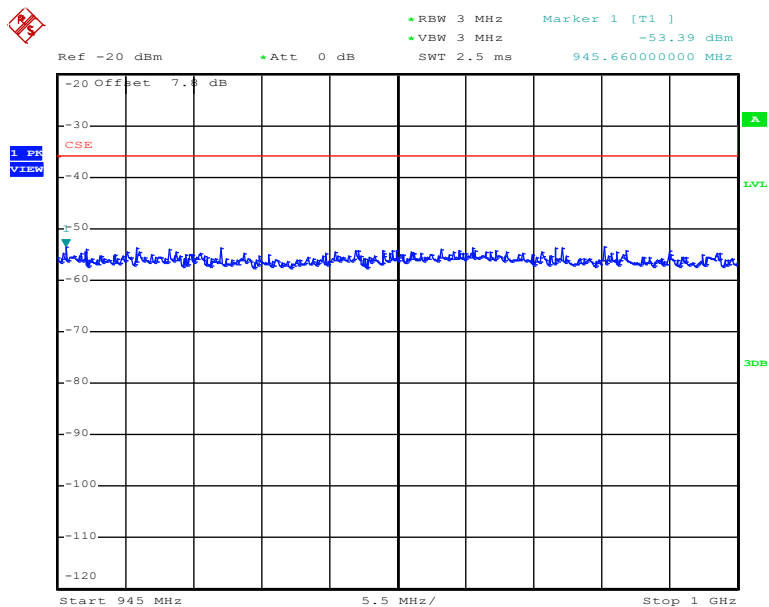
Date: 25.MAY.2021 15:13:52

頻段介於935MHz~945MHz



Date: 25.MAY.2021 15:14:02

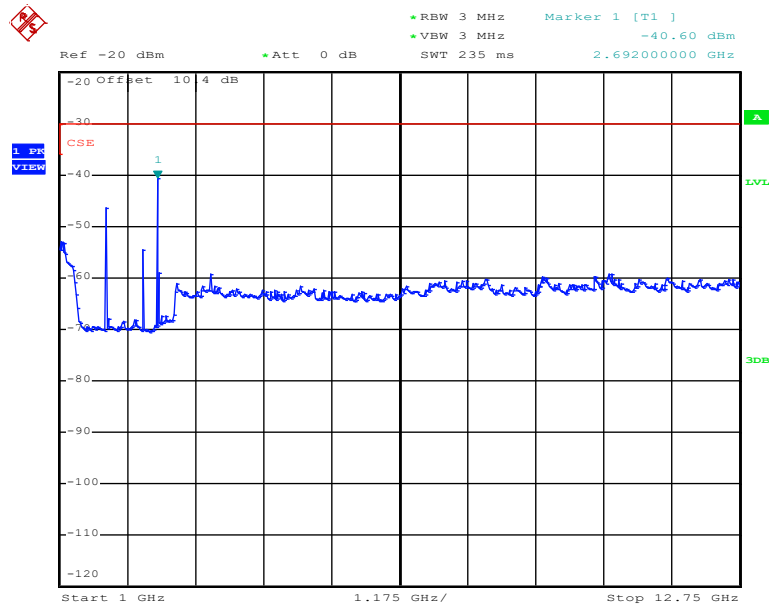
頻段介於945 MHz~1GHz



Date: 25.MAY.2021 15:14:11



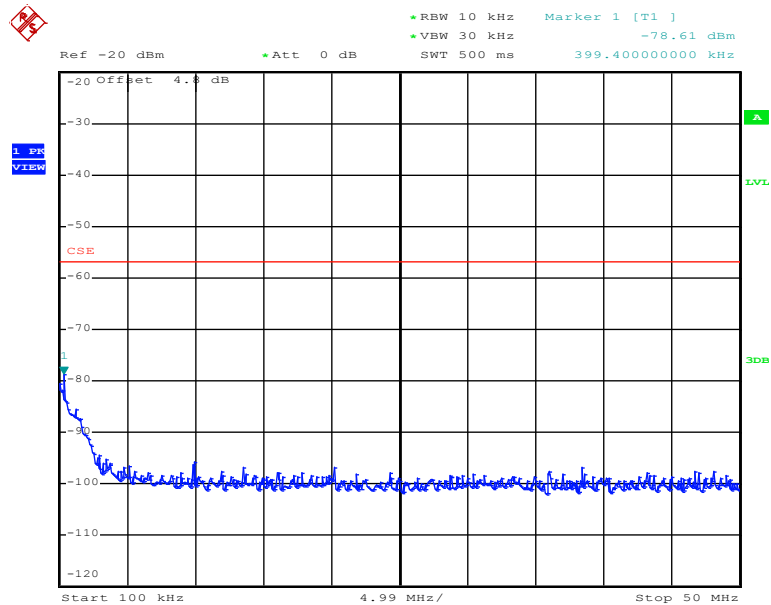
頻段介於1GHz~12.75GHz



Date: 25.MAY.2021 15:14:27

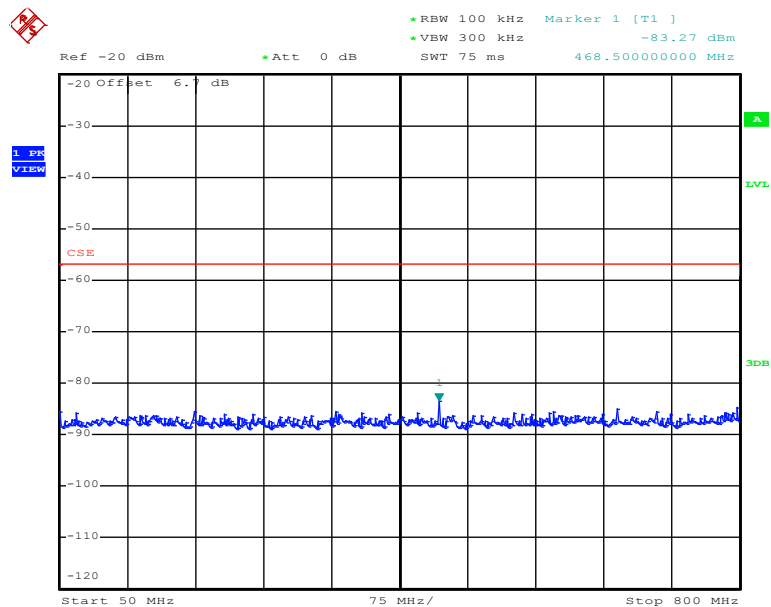
➤ 檢驗數據 for RX

頻段介於100kHz~50MHz



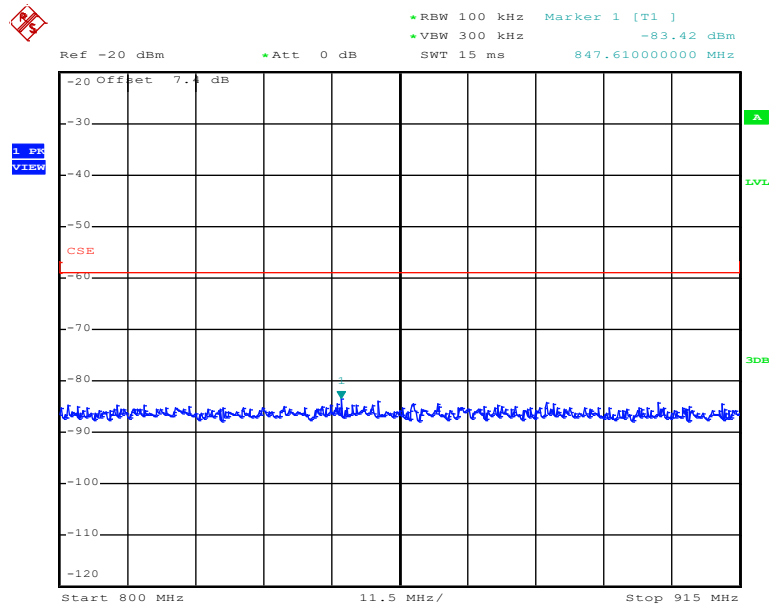
Date: 25.MAY.2021 15:15:38

頻段介於50MHz ~ 800MHz



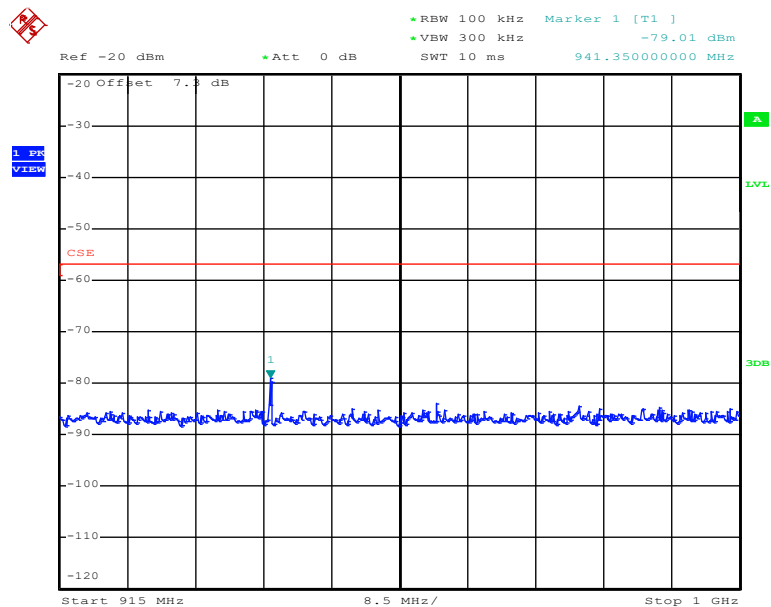
Date: 25.MAY.2021 15:15:48

頻段介於800MHz~915MHz



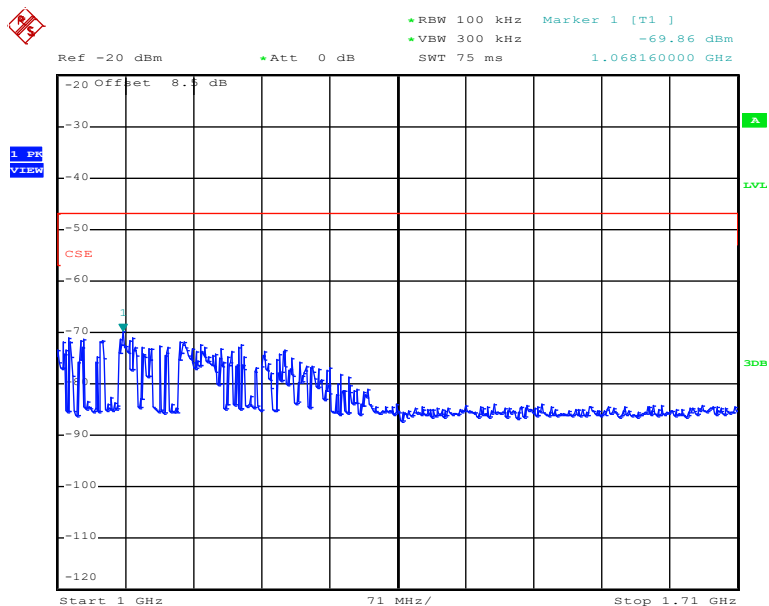
Date: 25.MAY.2021 15:15:58

頻段介於915MHz~1GHz



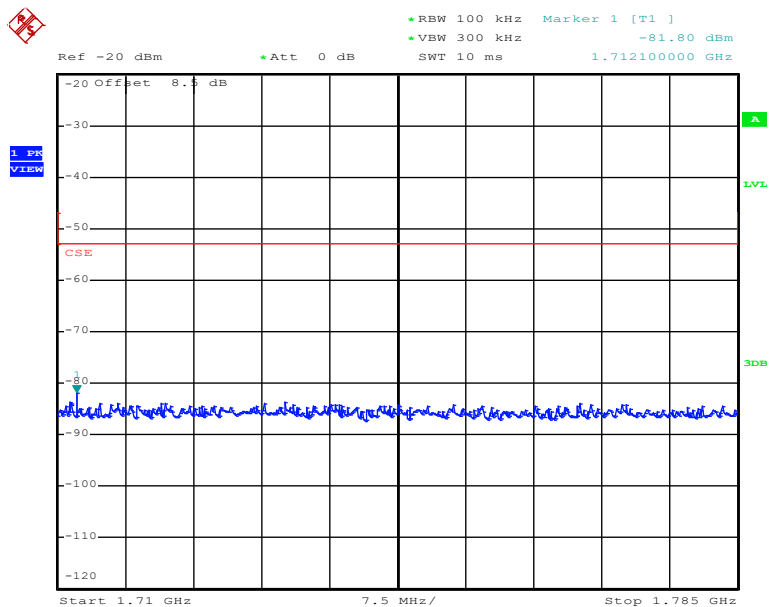
Date: 25.MAY.2021 15:16:07

頻段介於1GHz~1.71GHz



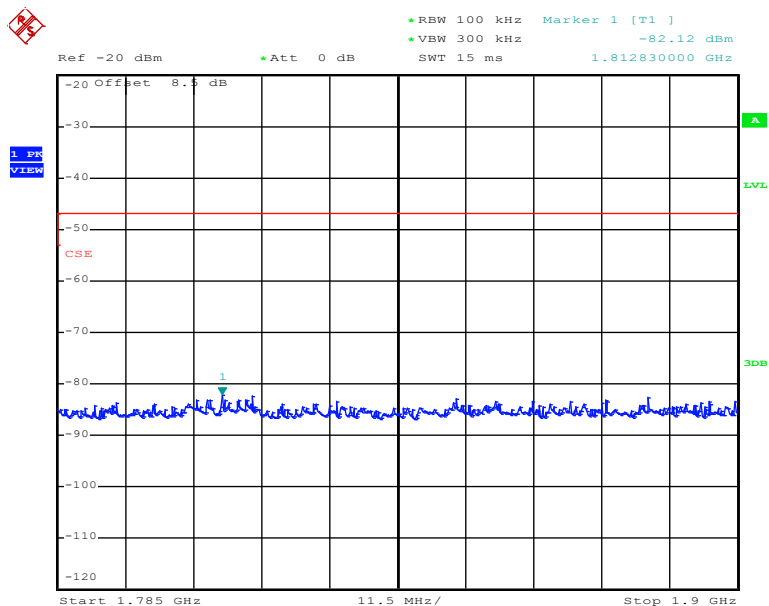
Date: 25.MAY.2021 15:16:23

頻段介於1.71GHz~1.785GHz



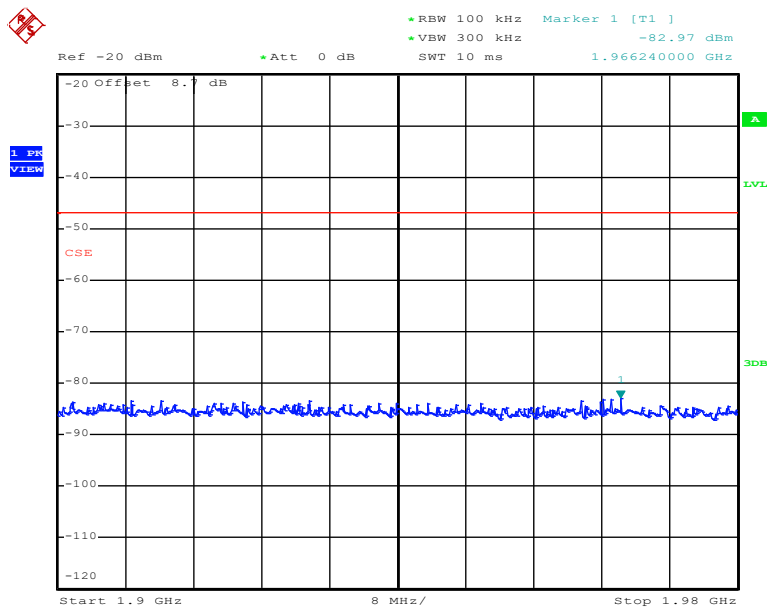
Date: 25.MAY.2021 15:16:33

頻段介於1.785GHz~1.9GHz



Date: 25.MAY.2021 15:16:43

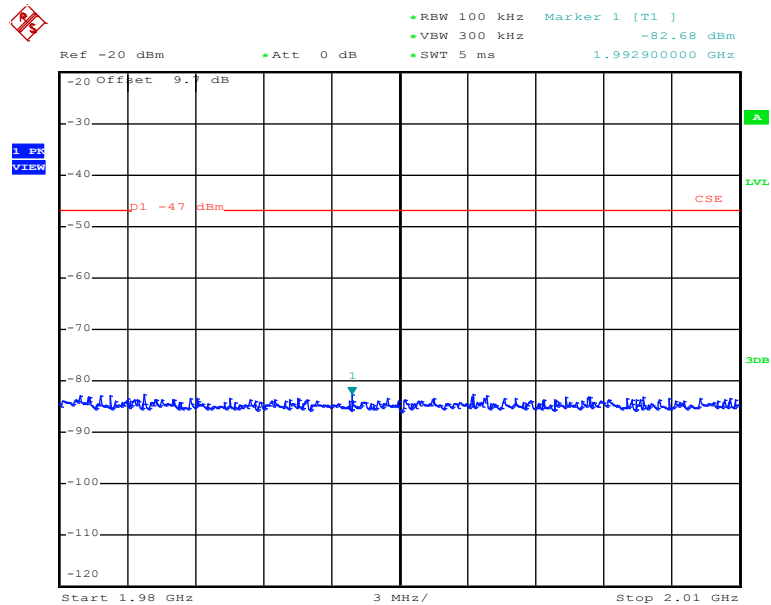
頻段介於1.9GHz~1.98GHz



Date: 25.MAY.2021 15:16:52

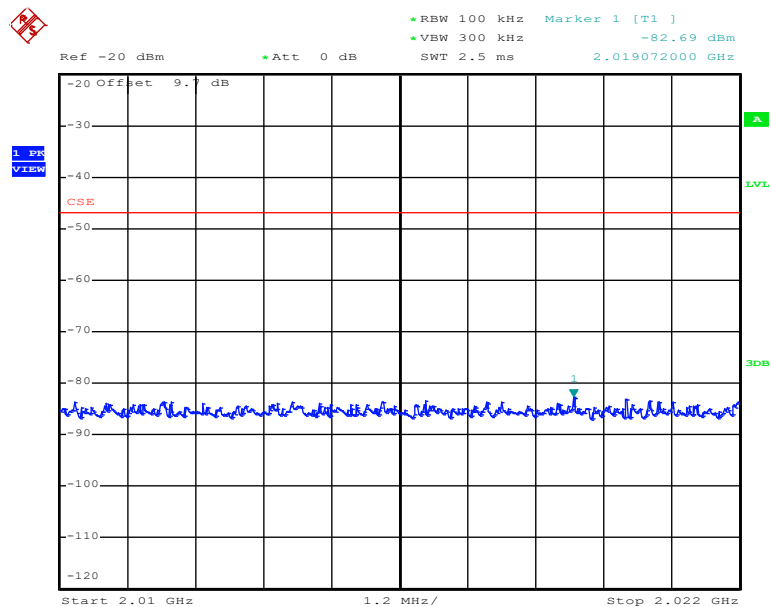


頻段介於1.98GHz~2.01GHz



Date: 25.MAY.2021 15:23:17

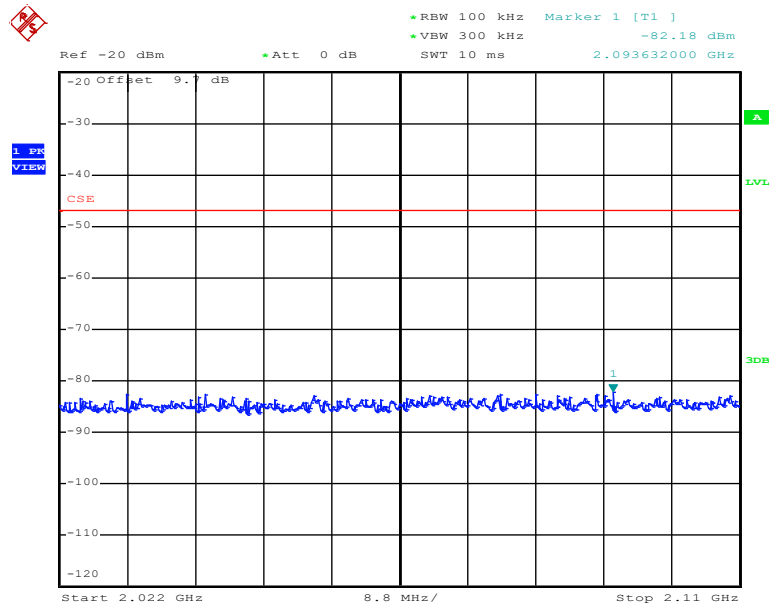
頻段介於2.01GHz~2.022GHz



Date: 25.MAY.2021 15:17:11

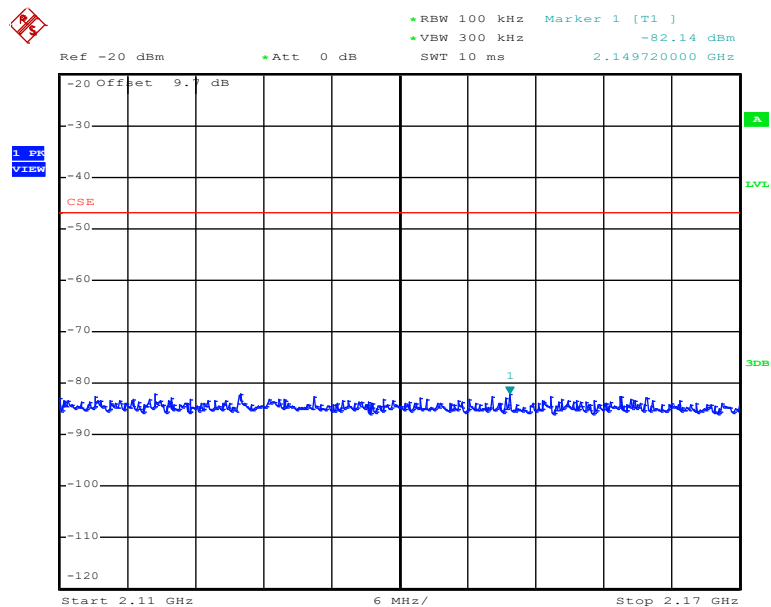


頻段介於2.022GHz~2.11GHz



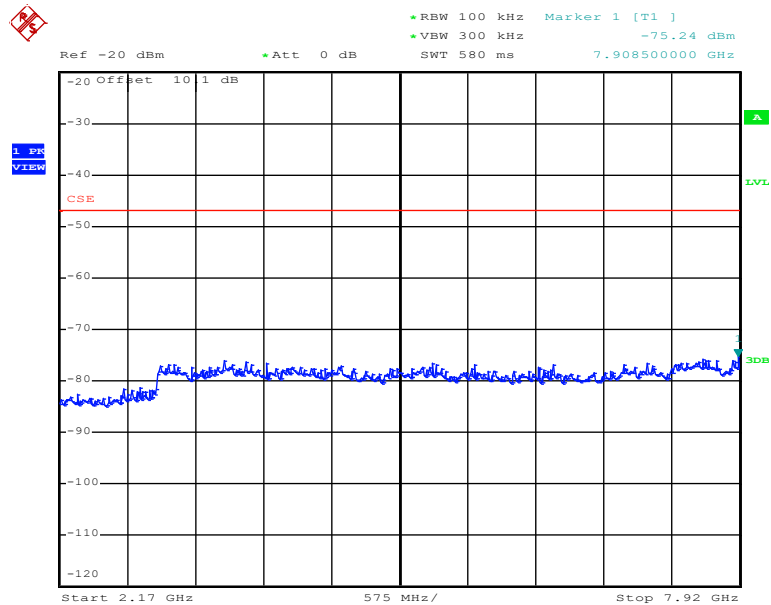
Date: 25.MAY.2021 15:17:21

頻段介於2.11GHz~2.17GHz



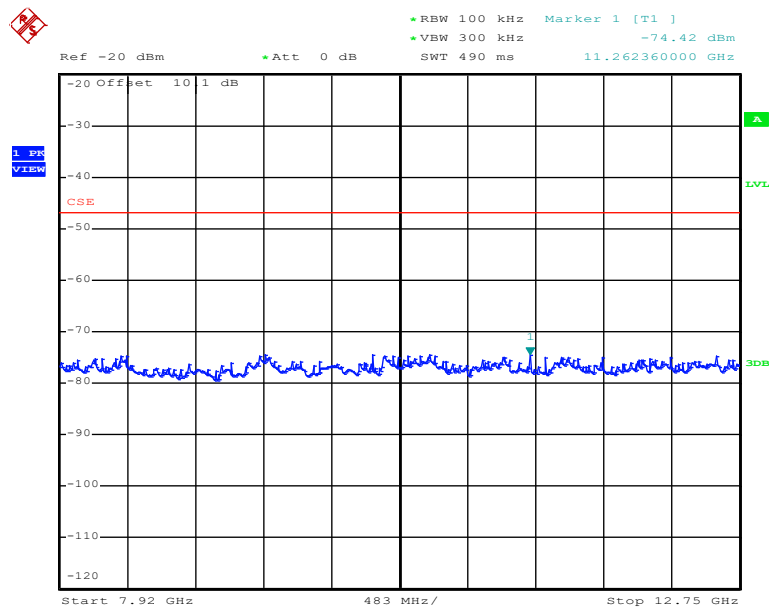
Date: 25.MAY.2021 15:17:31

頻段介於2.17GHz~7.92GHz



Date: 25.MAY.2021 15:17:40

頻段介於7.92GHz~12.75GHz



Date: 25.MAY.2021 15:17:50