

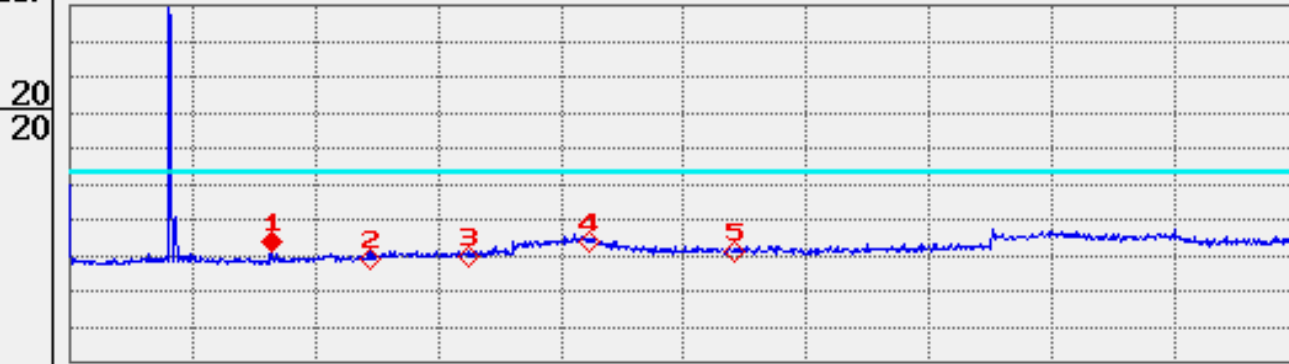
ATTACHMENT D – TEST PLOTS

■ GSM850 MODE (128 CH.) Conducted Spurious

EZ1000(CH:128)

REF 33.0 dBm DL -13.0 dBm MKR 1.640 GHz
10 dB/ *A_Max Posi B_Blank Norm -33.46 dBm

LOF



START 9 kHz

STOP 10.000 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 150 ms

ATT 30 dB

Multi Marker List

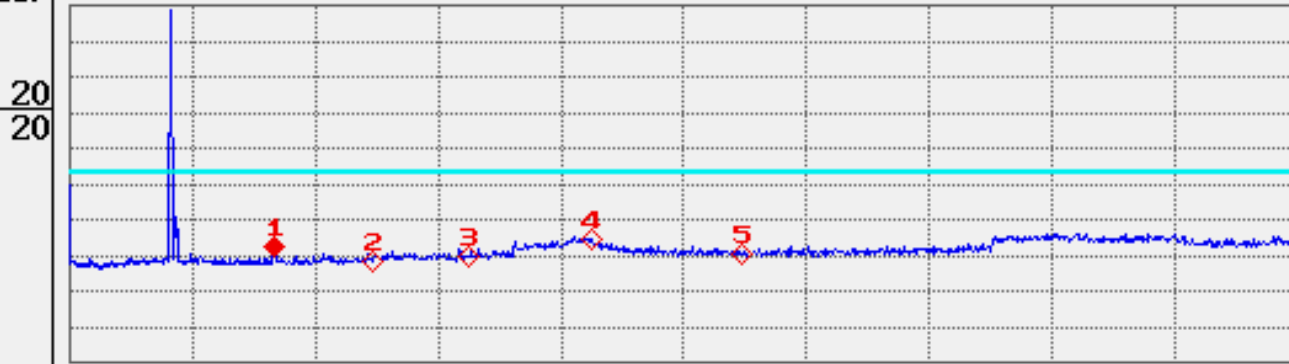
1:	1.640 GHz	-33.46 dBm
2:	2.450 GHz	-37.75 dBm
3:	3.240 GHz	-37.34 dBm
4:	4.230 GHz	-33.38 dBm
5:	5.420 GHz	-36.15 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (190 CH.) Conducted Spurious

EZ1000(CH:190)

REF 33.0 dBm DL -13.0 dBm MKR 1.670 GHz
10 dB/ *A_Max Posi B_Blank Norm -34.85 dBm

LOF



START 9 kHz

STOP 10.000 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 150 ms

ATT 30 dB

Multi Marker List

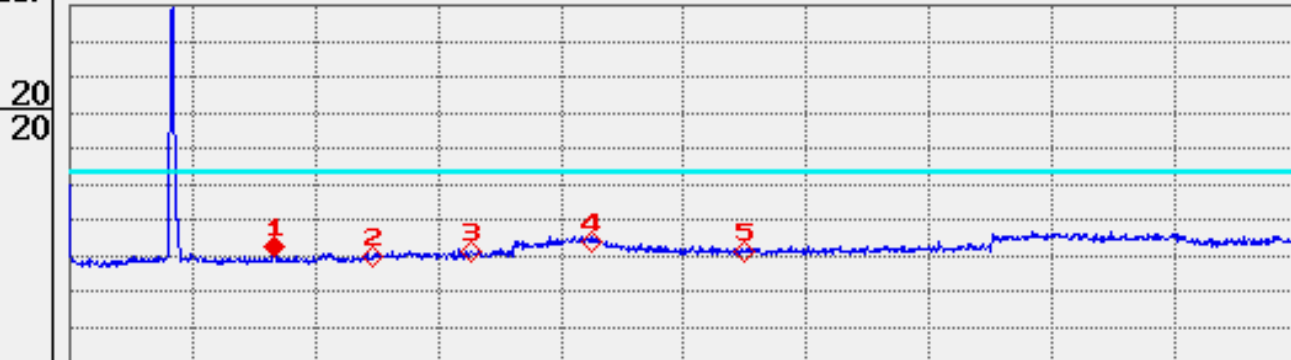
1:	1.670 GHz	-34.85 dBm
2:	2.460 GHz	-38.93 dBm
3:	3.250 GHz	-37.27 dBm
4:	4.240 GHz	-32.70 dBm
5:	5.480 GHz	-36.45 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (251 CH.) Conducted Spurious

EZ1000(CH:251)

REF 33.0 dBm DL -13.0 dBm MKR 1.670 GHz
10 dB/ *A_Max Posi B_Blank Norm -34.85 dBm

LOF



START 9 kHz

STOP 10.000 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 150 ms

ATT 30 dB

Multi Marker List

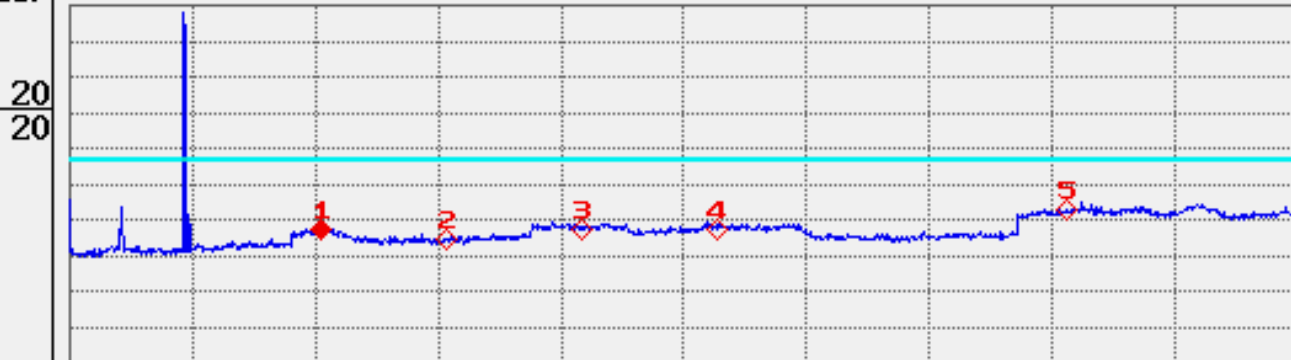
1:	1.670 GHz	-34.85 dBm
2:	2.470 GHz	-37.47 dBm
3:	3.260 GHz	-36.20 dBm
4:	4.250 GHz	-32.98 dBm
5:	5.490 GHz	-36.03 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (512 CH.) Conducted Spurious

EZ1000(CH:512)

REF 30.0 dBm DL -13.0 dBm MKR 4.08 GHz
10 dB/ *A_Max Posi B_Blank Norm -32.92 dBm

LOF



START 9 kHz

STOP 20.00 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 300 ms

ATT 30 dB

Multi Marker List

1:	4.08 GHz	-32.92 dBm
2:	6.12 GHz	-35.20 dBm
3:	8.34 GHz	-32.41 dBm
4:	10.54 GHz	-32.66 dBm
5:	16.24 GHz	-27.41 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

GSM1900 MODE (661 CH.) Conducted Spurious

EZ1000(CH:661)

REF 30.0 dBm

DL -13.0 dBm

MKR 4.12 GHz

10 dB/

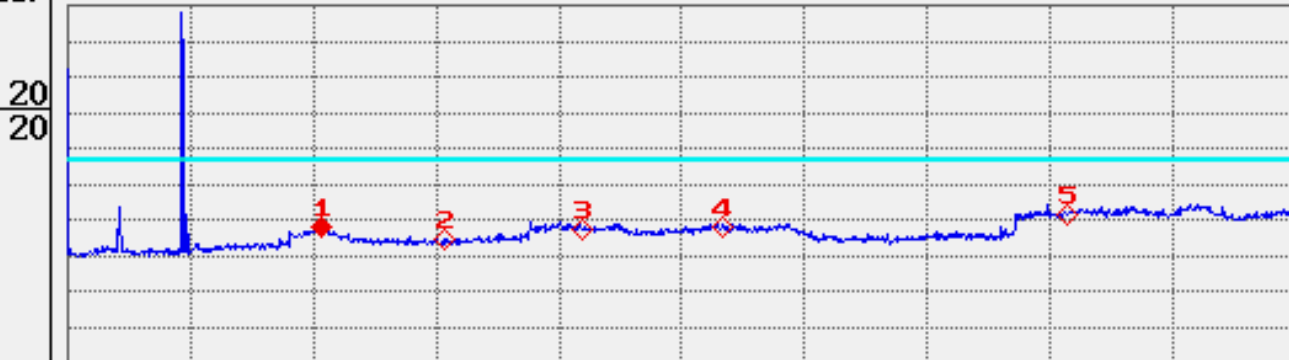
*A_Max

Posi

B_Blank Norm

-32.07 dBm

LOF



START 9 kHz

STOP 20.00 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 300 ms

ATT 30 dB

Multi Marker List

1:	4.12 GHz	-32.07 dBm
2:	6.14 GHz	-35.81 dBm
3:	8.36 GHz	-32.80 dBm
4:	10.66 GHz	-32.13 dBm
5:	16.28 GHz	-28.52 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

GSM1900 MODE (810 CH.) Conducted Spurious

EZ1000(CH:810)

REF 30.0 dBm

DL -13.0 dBm

MKR 4.16 GHz

10 dB/

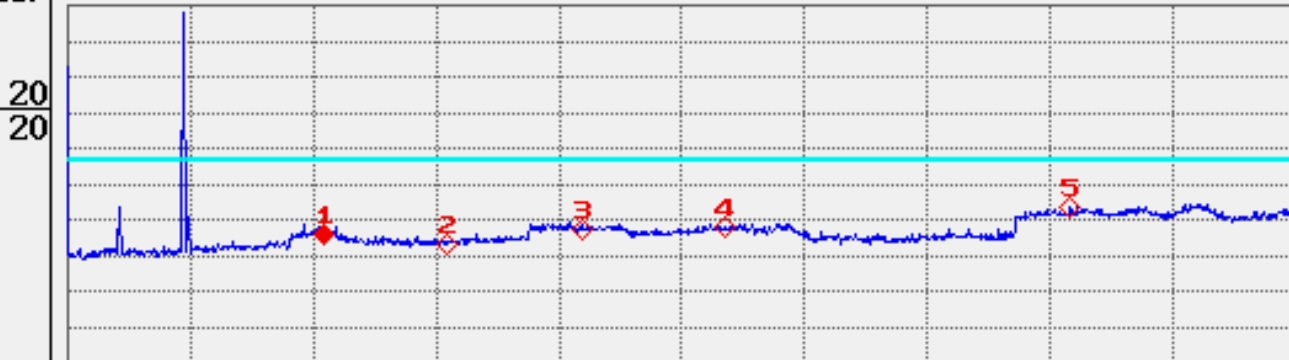
*A_Max

Posi

B_Blank Norm

-33.84 dBm

LOF



START 9 kHz

STOP 20.00 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 300 ms

ATT 30 dB

Multi Marker List

1:	4.16 GHz	-33.84 dBm
2:	6.16 GHz	-36.81 dBm
3:	8.38 GHz	-32.90 dBm
4:	10.70 GHz	-32.14 dBm
5:	16.32 GHz	-26.76 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ Occupied Bandwidth -26dBc BW (KHz) (GSM850 128 CH)

EZ1000(CH:128)

REF 33.0 dBm

10 dB/

*A_PwAvg Posi

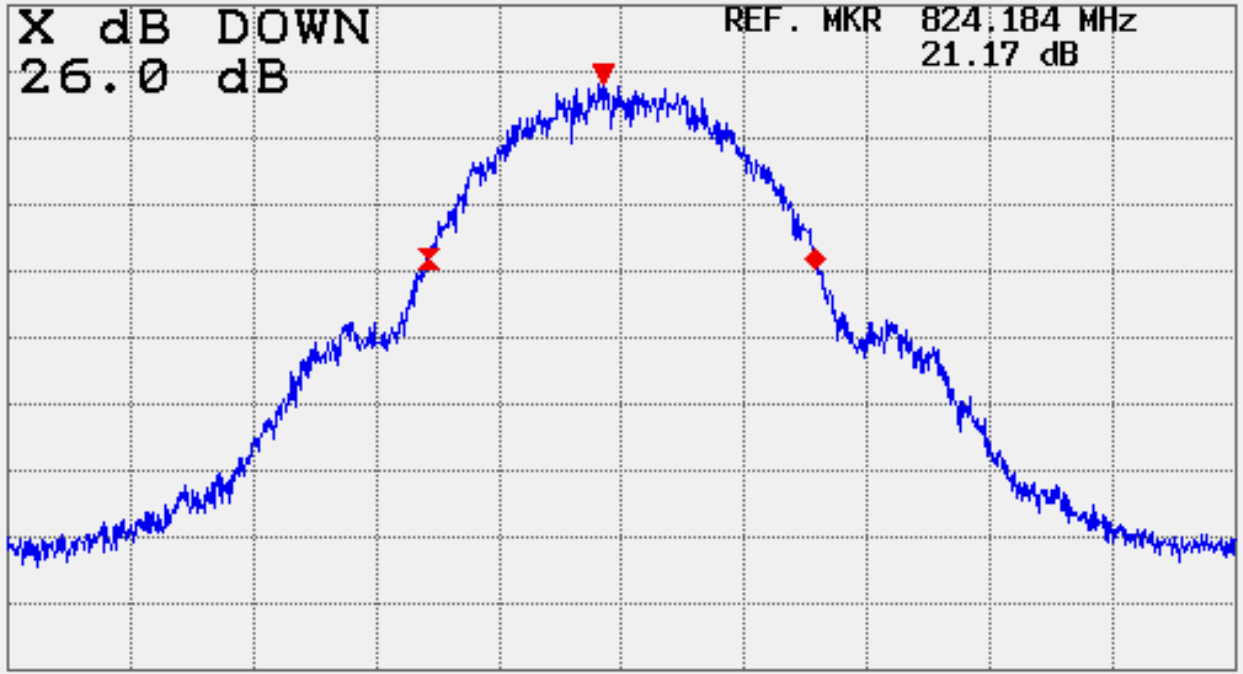
MKRΔ 314 kHz

-0.12 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 824.184 MHz
21.17 dB



CENTER 824.200 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	824.074 MHz	252.0 kHz	PASS
High:	824.326 MHz		

Occupied Bandwidth -26dBc BW (KHz) (GSM850 190 CH)

EZ1000(CH:190)

REF 33.0 dBm

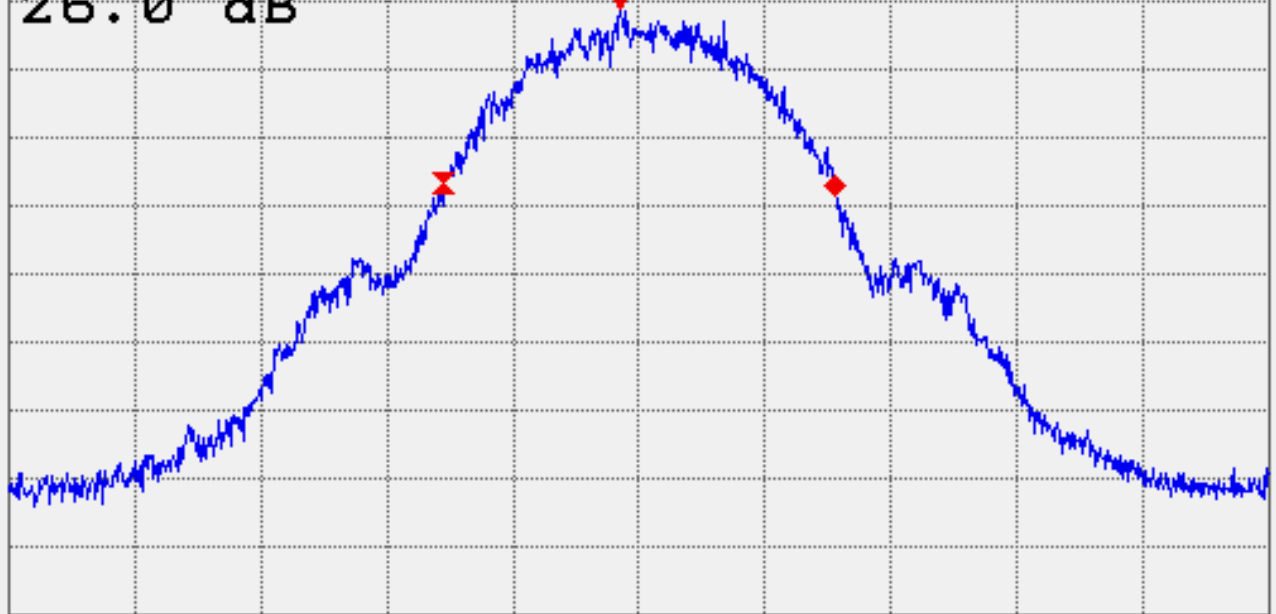
10 dB/ *A_PwAvg Pos i

MKRA 311 kHz

-0.43 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 836.585 MHz
21.73 dB


CENTER 836.600 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SMP 5.0 s

ATT 30 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	836.474 MHz	250.0 kHz	PASS
High:	836.724 MHz		

Occupied Bandwidth -26dBc BW (KHz) (GSM850 251 CH)

EZ1000(CH:251)

REF 33.0 dBm

10 dB/

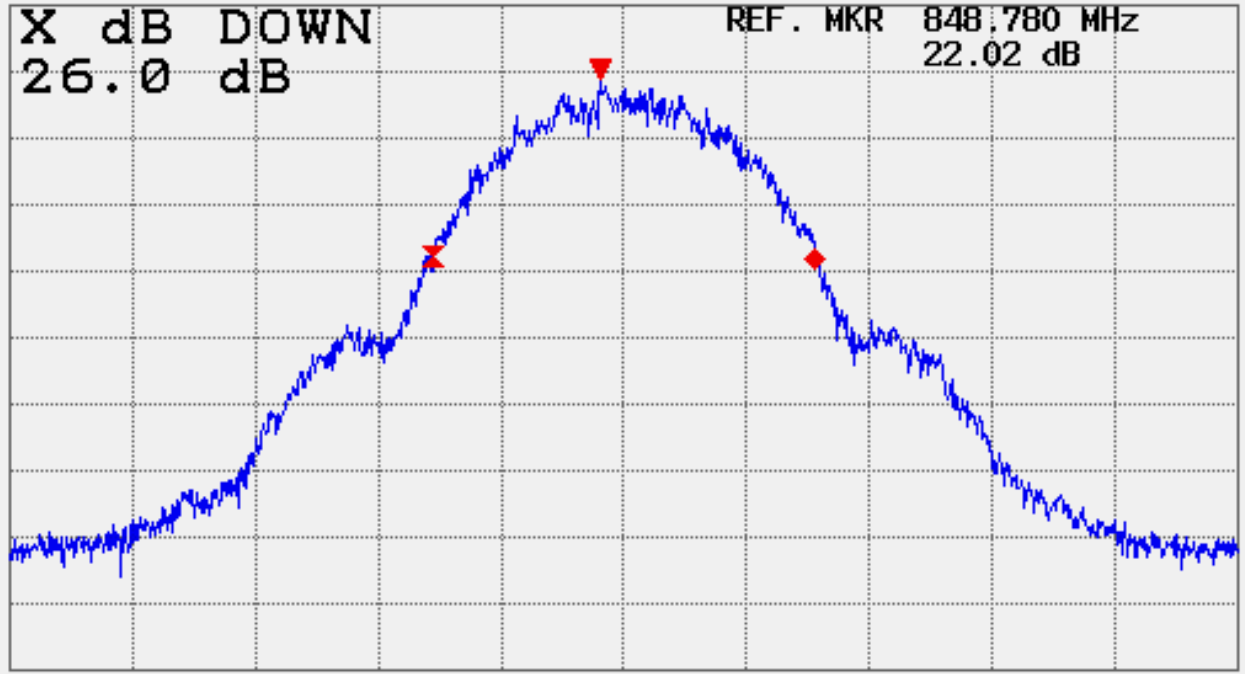
*A_PwAvg Posi

MKRA 311 kHz

-0.50 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 848.780 MHz
22.02 dB


CENTER 848.800 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	848.675 MHz	248.0 kHz	PASS
High:	848.923 MHz		

Occupied Bandwidth -26dBc BW (KHz) (GSM1900 512 CH)

EZ1000(CH:512)

REF 30.0 dBm

10 dB/ *A_PwAvg Pos i

MKRA 307 kHz

-1.48 dB

LOF

X dB DOWN

26.0 dB

REF. MKR 1.850195 GHz

18.18 dB

5

5

CENTER 1.850200 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (PCS1900: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.850074 GHz	249.0 kHz	PASS
High:	1.850323 GHz		

Occupied Bandwidth -26dBc BW (KHz) (GSM1900 661 CH)

EZ1000(CH:661)

REF 30.0 dBm

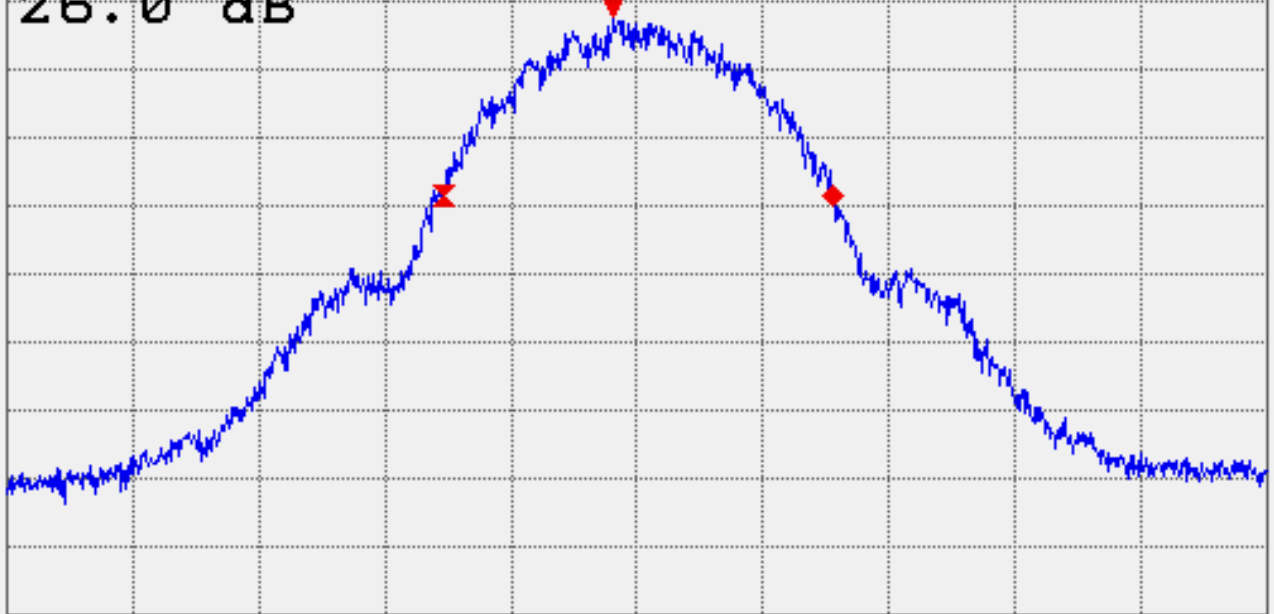
10 dB/ *A_PwAvg Pos i

MKRA 308 kHz

0.05 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.879981 GHz
17.67 dB


CENTER 1.880000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (PCS1900: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.879874 GHz	249.0 kHz	PASS
High:	1.880123 GHz		

Occupied Bandwidth -26dBc BW (KHz) (GSM1900 810 CH)

EZ1000(CH:810)

REF 30.0 dBm

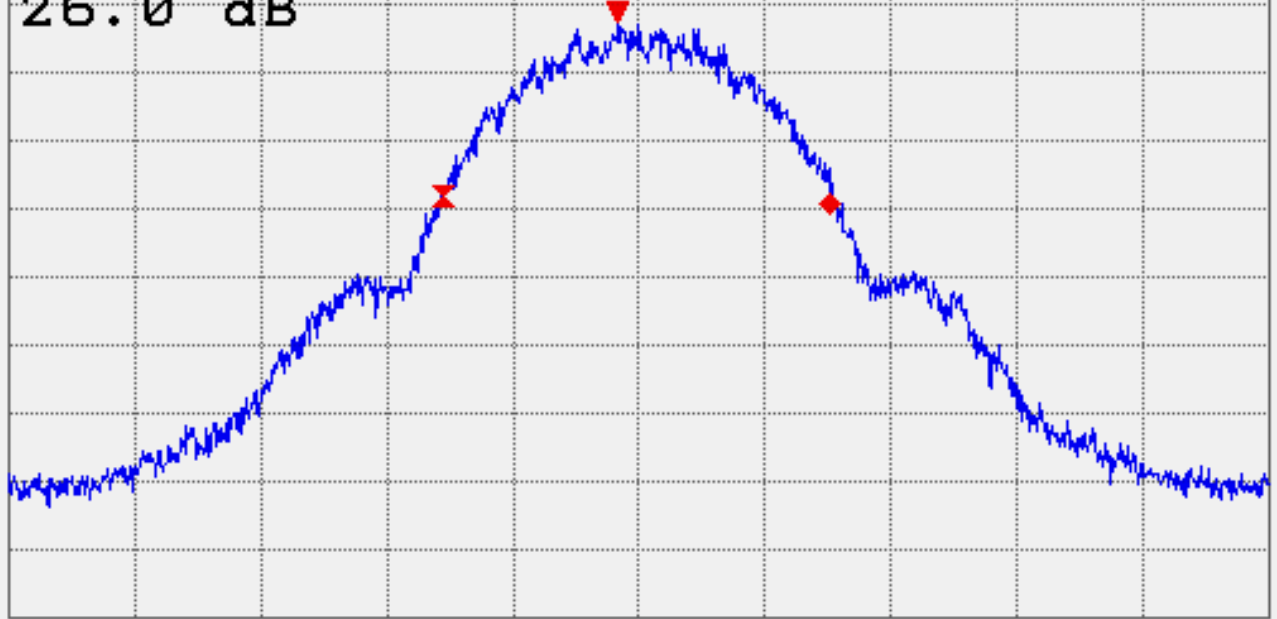
10 dB/ *A_PwAvg Pos i

MKRA 307 kHz

-1.14 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.909783 GHz
17.38 dB


CENTER 1.909800 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (PCS1900: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.909673 GHz	250.0 kHz	PASS
High:	1.909923 GHz		

■ GSM Block Edge GSM850 (128 CH.)

EZ1000(CH:128)

REF 33.0 dBm

DL -13.0 dBm

MKR 824.000 MHz

10 dB/

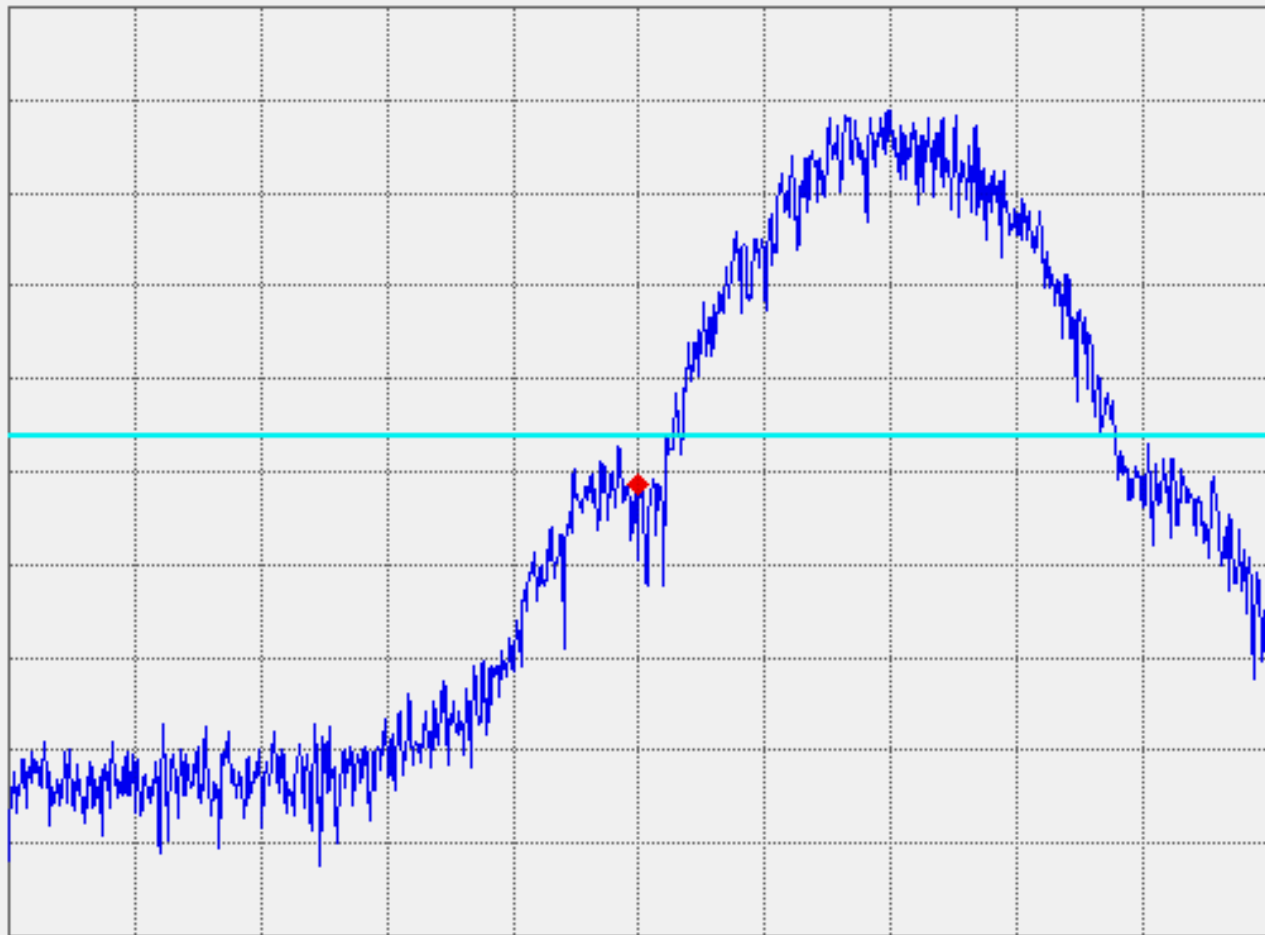
*A_View

Norm

B_Blank Norm

-18.25 dBm

LOF



CENTER 824.000 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

ATT 30 dB

■ GSM Block Edge GSM850 (251 CH.)

EZ1000(CH:251)

REF 33.0 dBm

DL -13.0 dBm

MKR 849.000 MHz

10 dB/

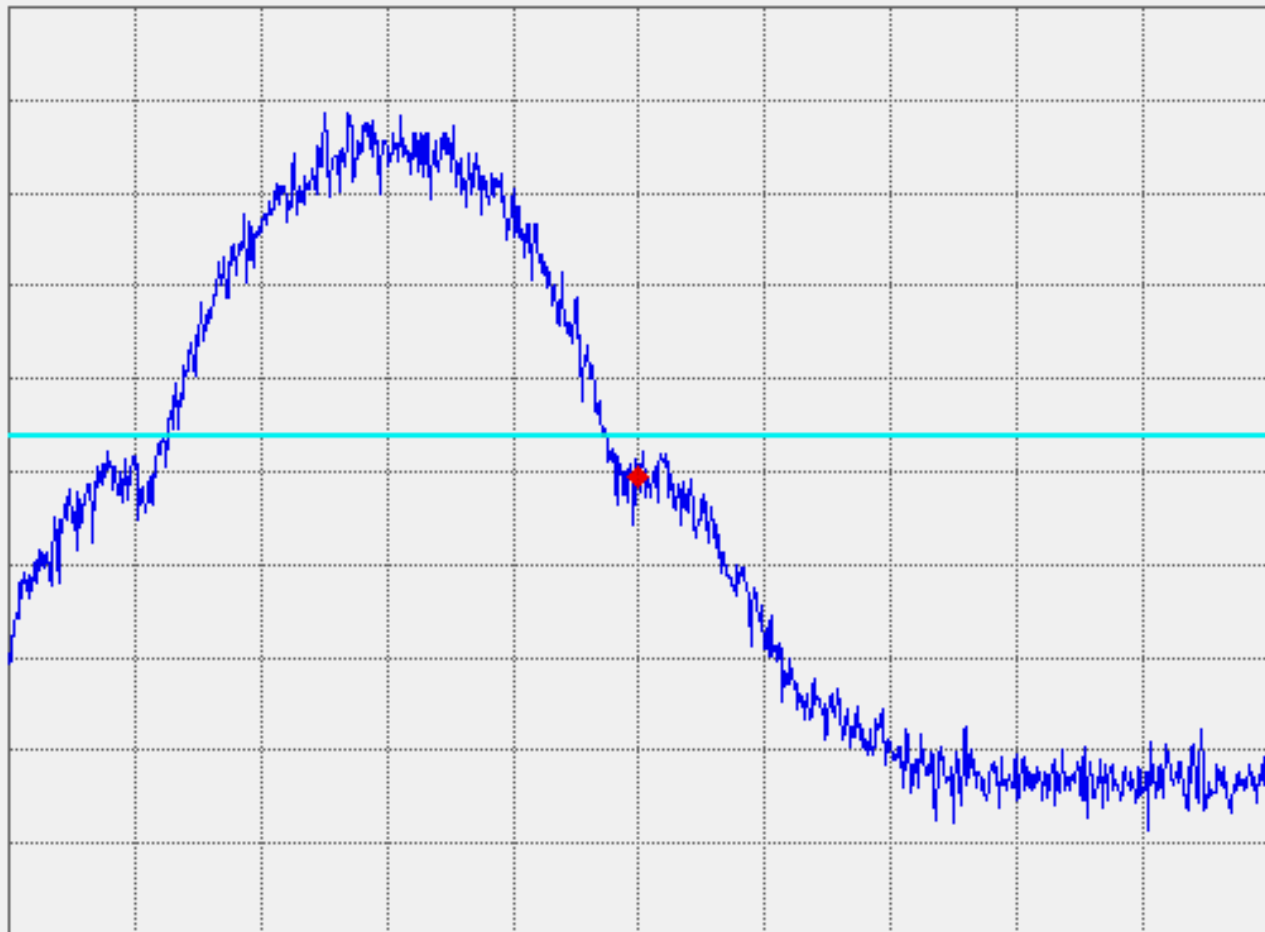
*A_View

Norm

B_Blank Norm

-17.52 dBm

LOF



CENTER 849.000 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

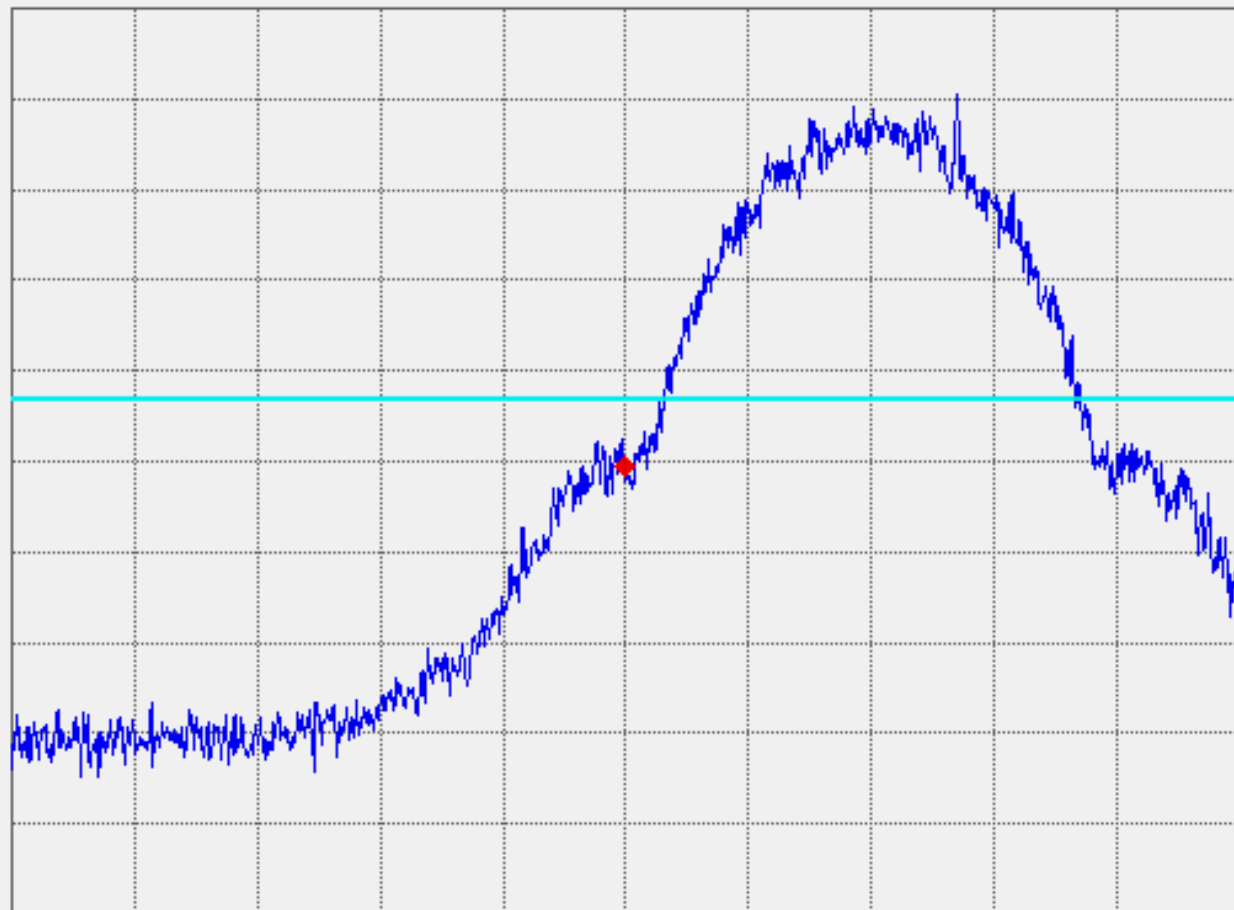
ATT 30 dB

■ GSM Block Edge GSM1900 (512 CH.)

EZ1000(CH:512)

REF 30.0 dBm	DL -13.0 dBm	MKR 1.850000 GHz
10 dB/	*A_Max Posi B_Blank Norm	-20.66 dBm

LOF

20
20

CENTER 1.850000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

ATT 30 dB

■ GSM Block Edge GSM1900 (810 CH.)

EZ1000(CH:810)

REF 30.0 dBm

DL -13.0 dBm

MKR 1.910000 GHz

10 dB/ *A_Max

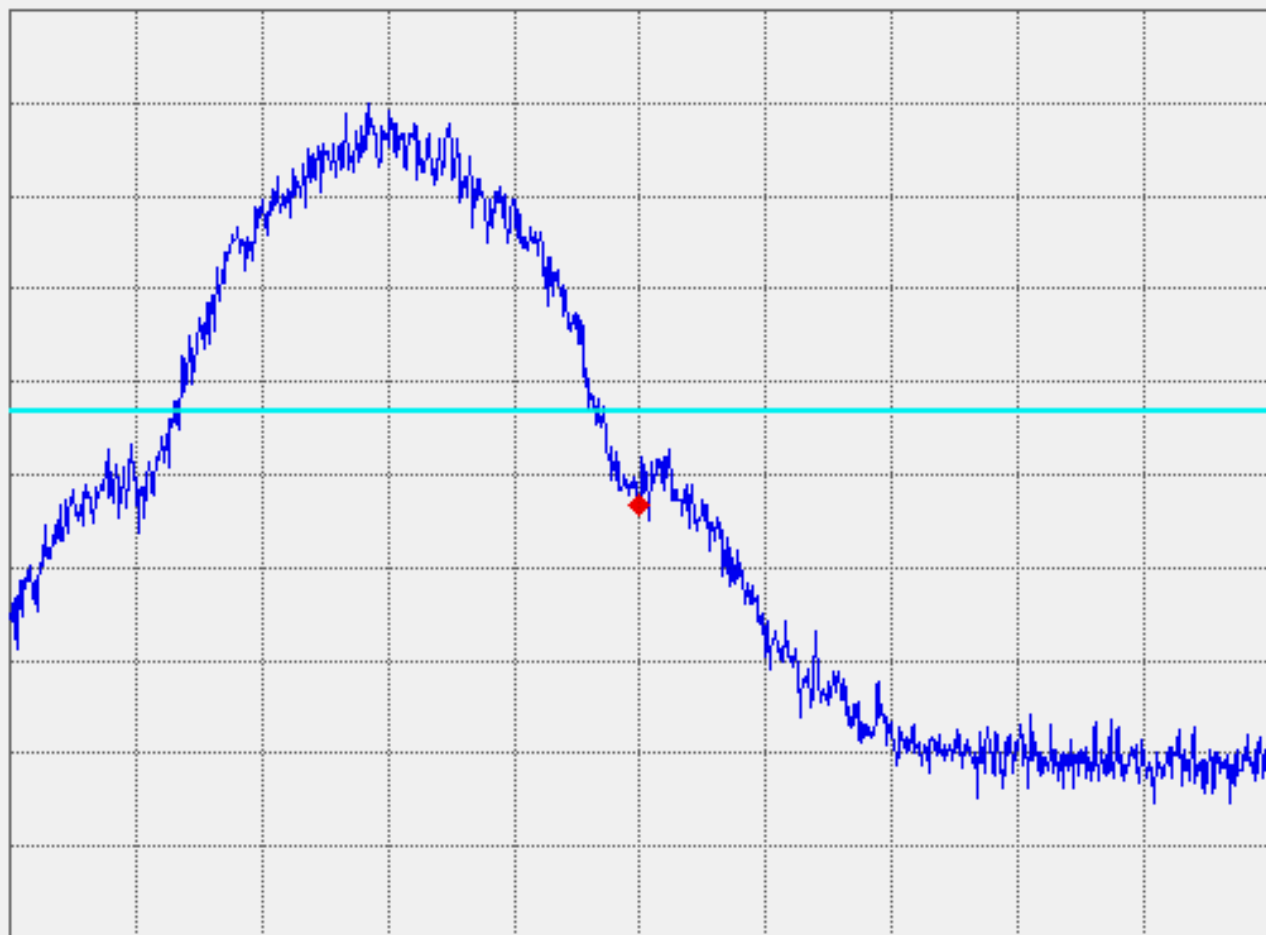
Posi B_Blank Norm

-23.20 dBm

LOF

20

20



CENTER 1.910000 GHz

SPAN 1.000 MHz

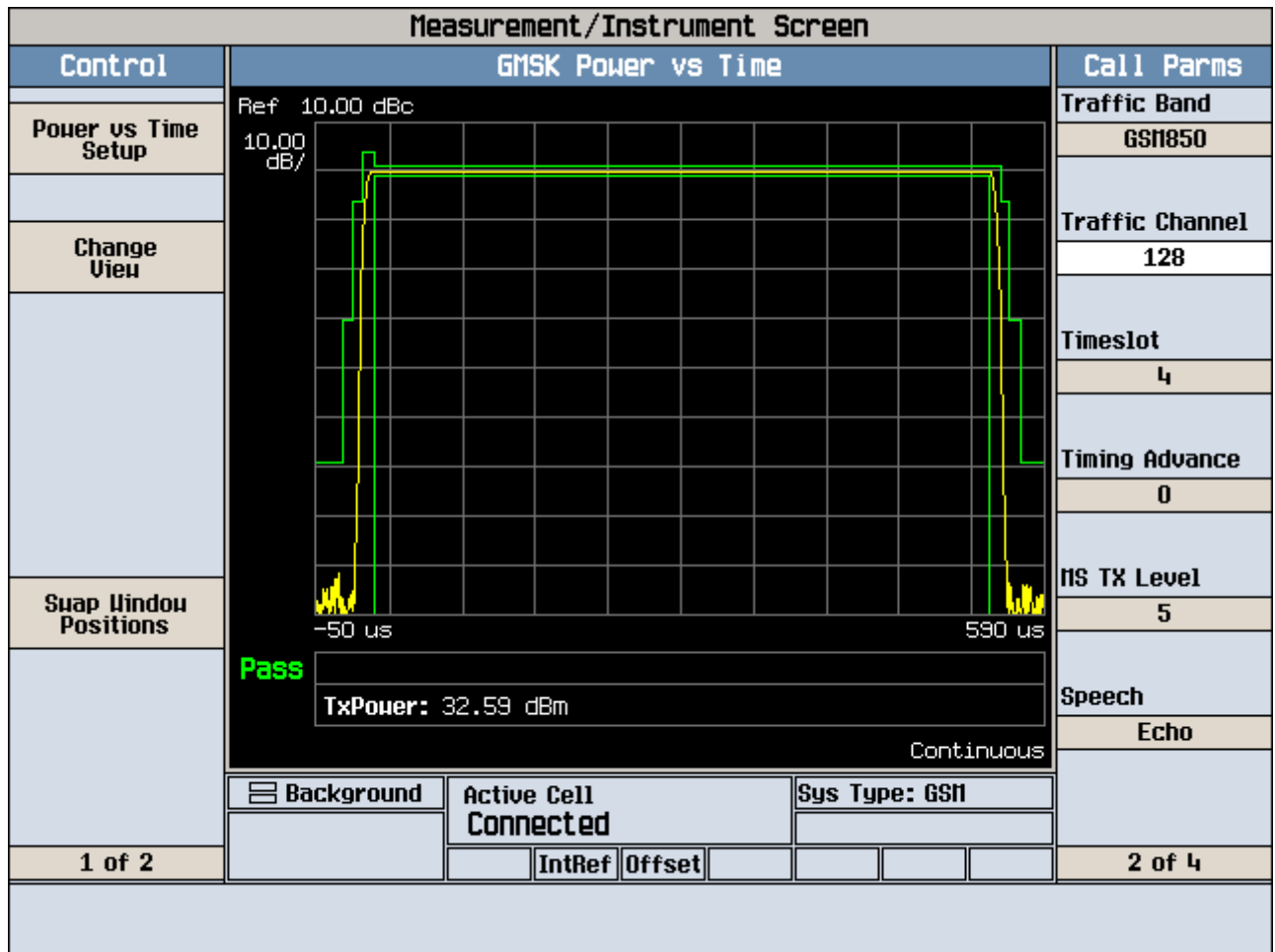
*RBW 3 kHz

*VBW 3 kHz

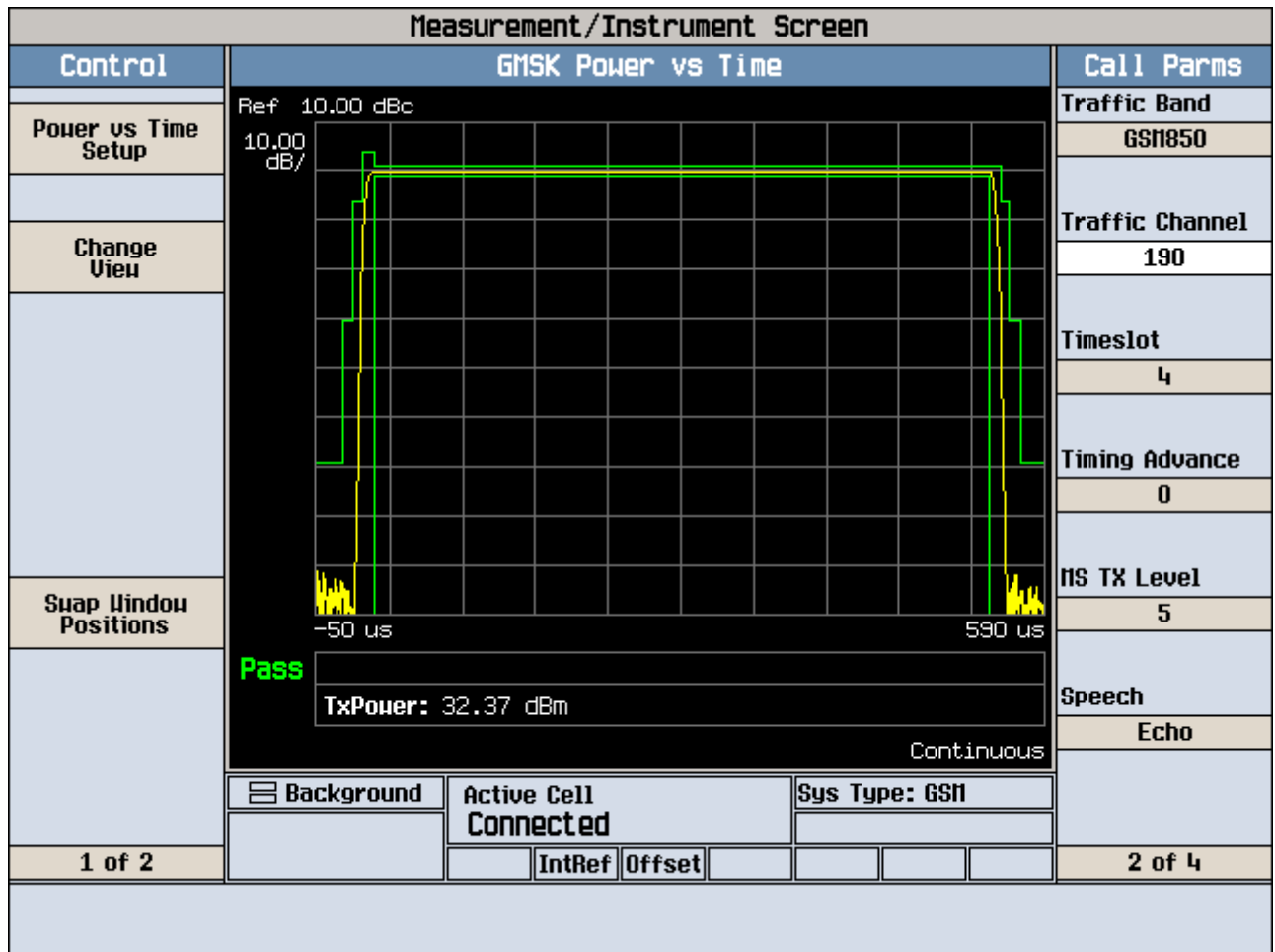
SWP 230 ms

ATT 30 dB

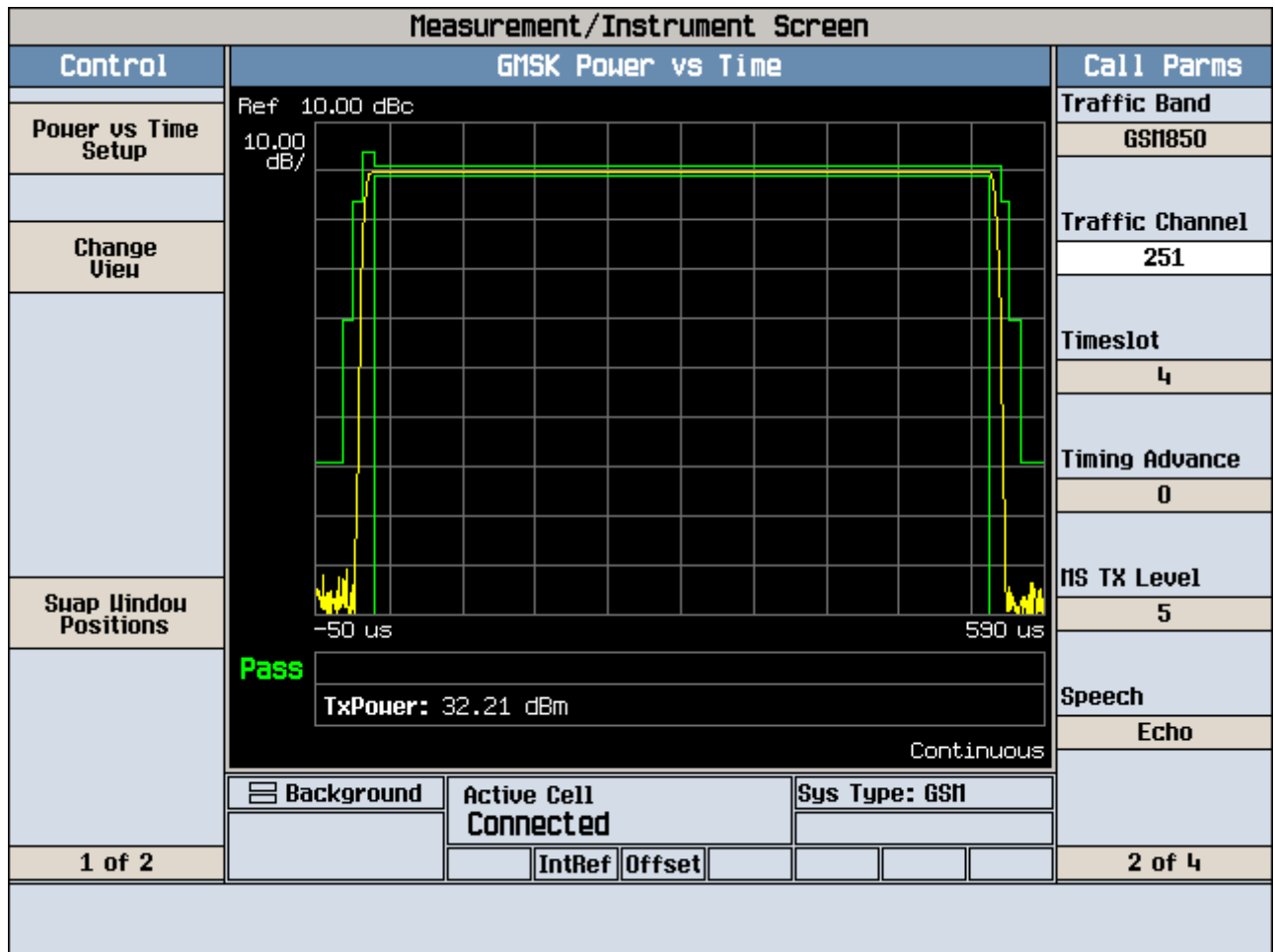
■ Power output conducted (GSM850 128 CH)



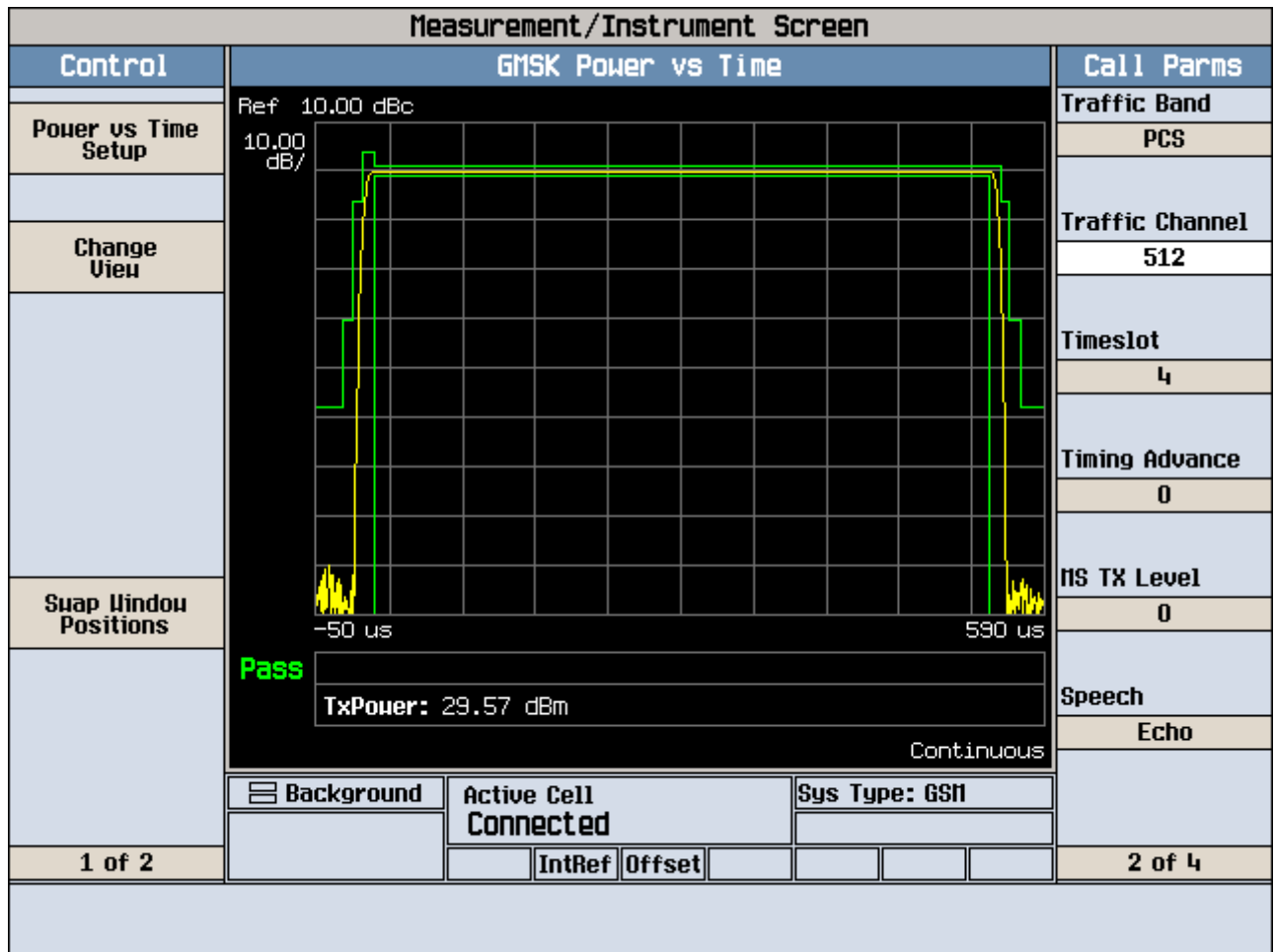
Power output conducted (GSM850 190 CH)



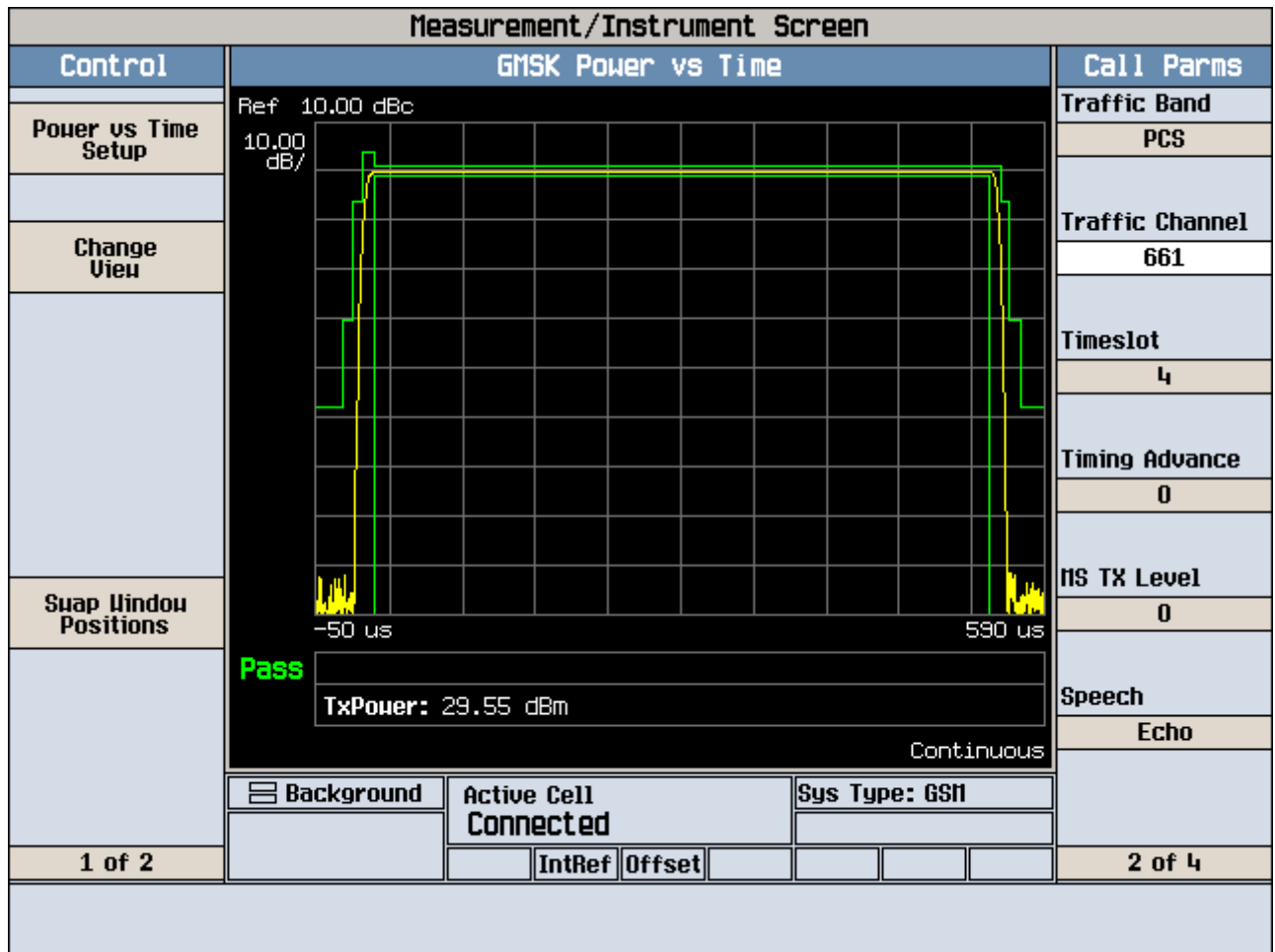
Power output conducted (GSM850 251 CH)



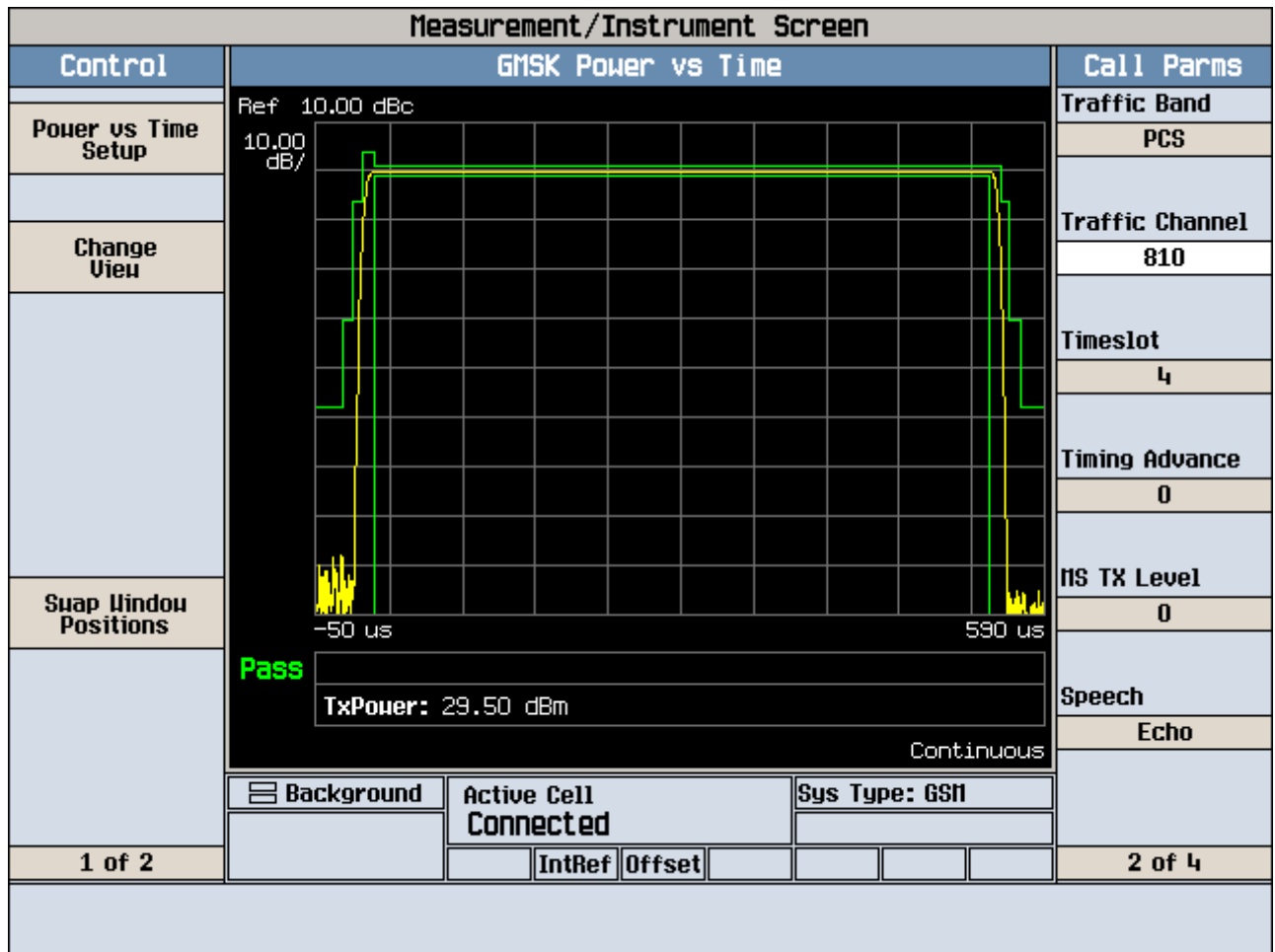
Power output conducted (GSM1900 512 CH)



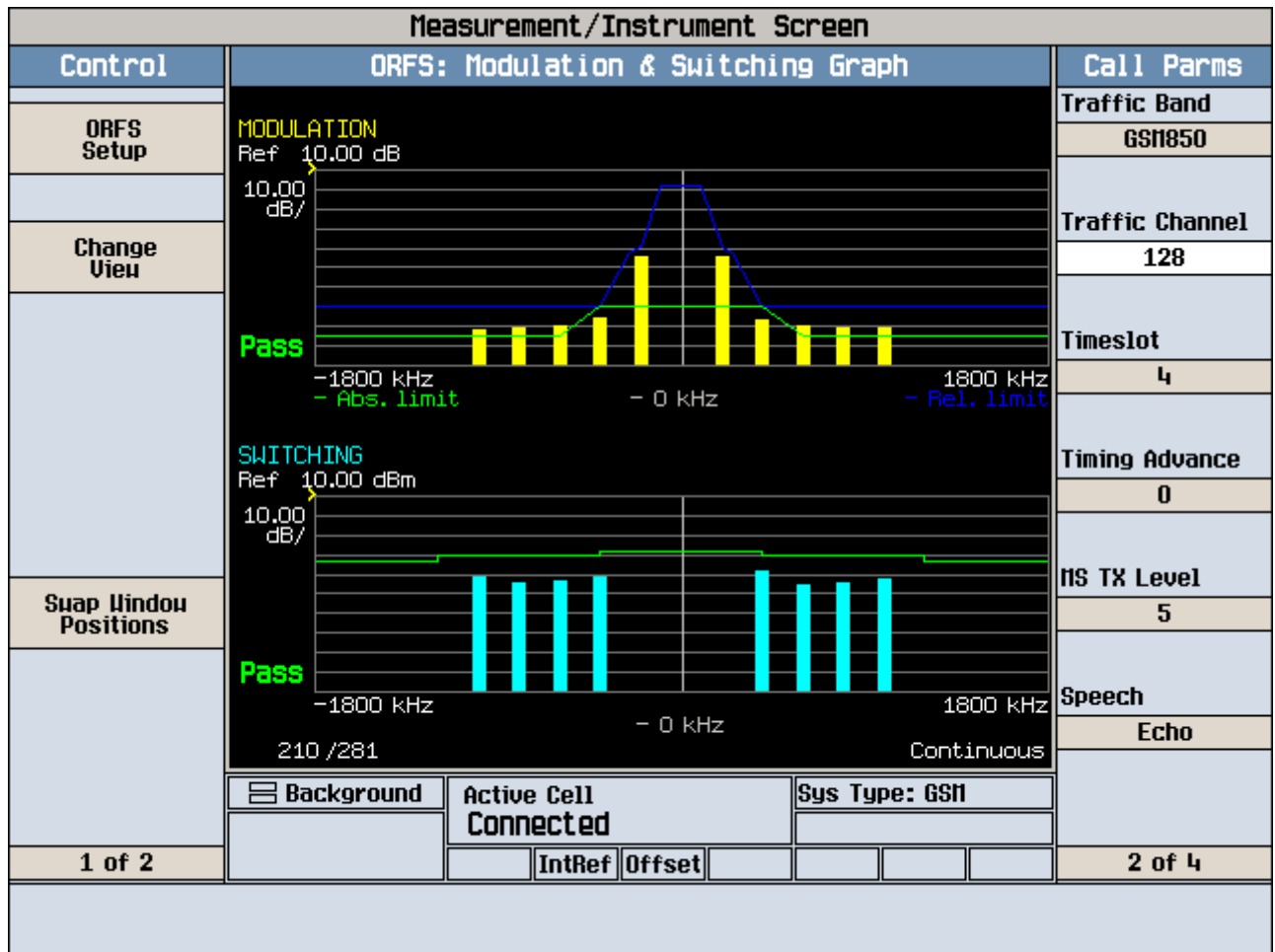
Power output conducted (GSM1900 661 CH)



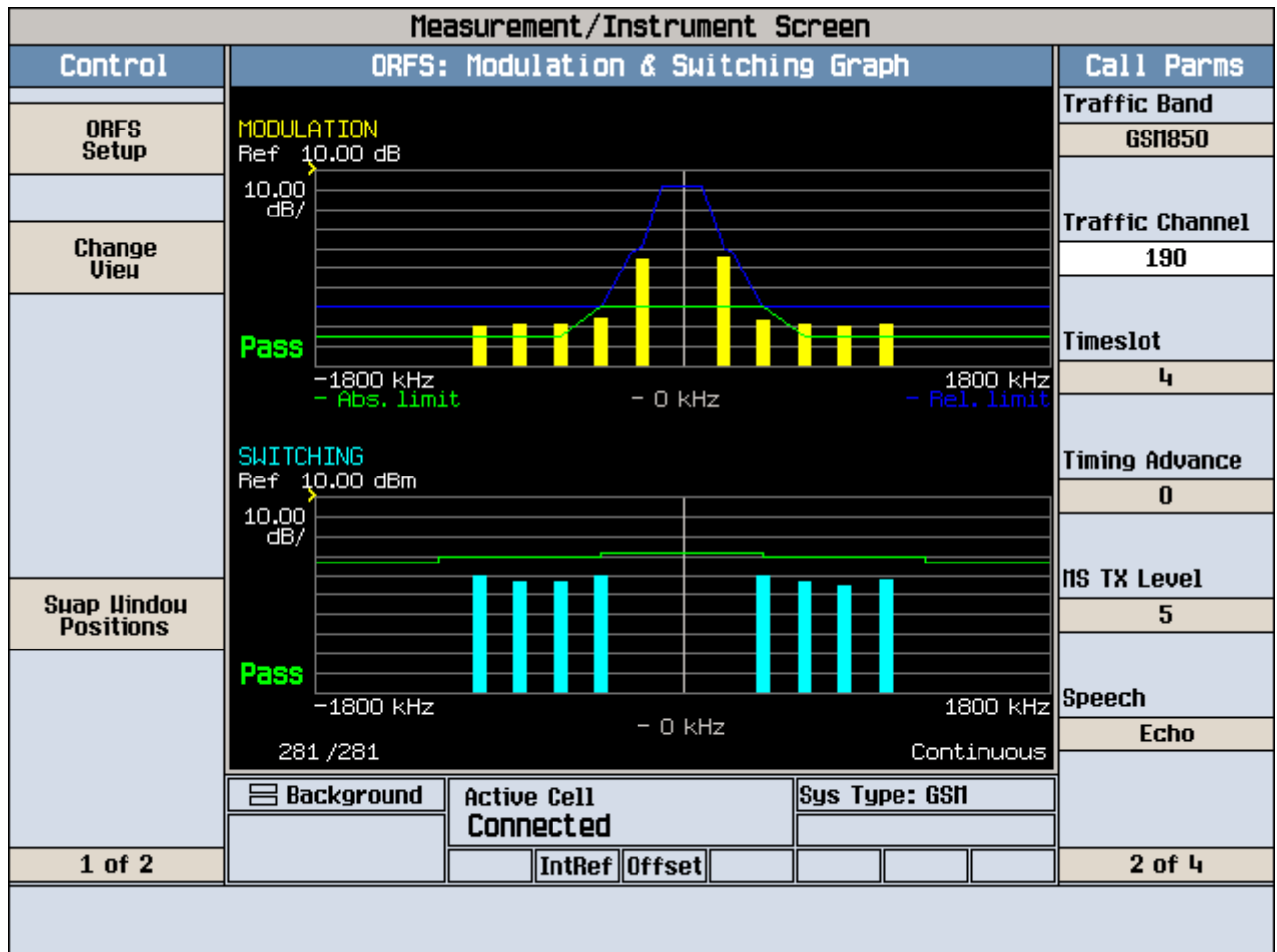
Power output conducted (GSM1900 810 CH)



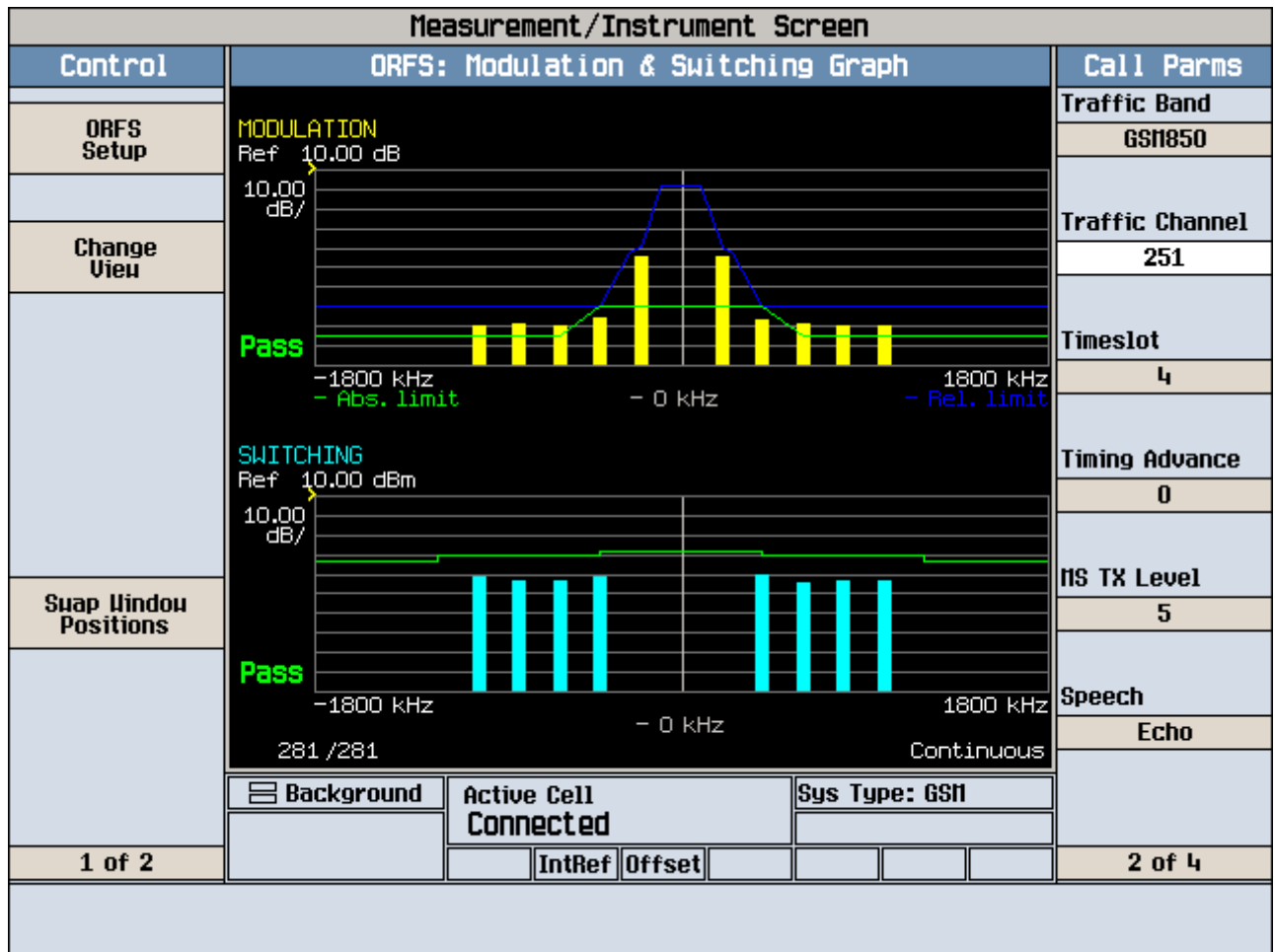
■ Modulation & Switching Graph (GSM850 128 CH)



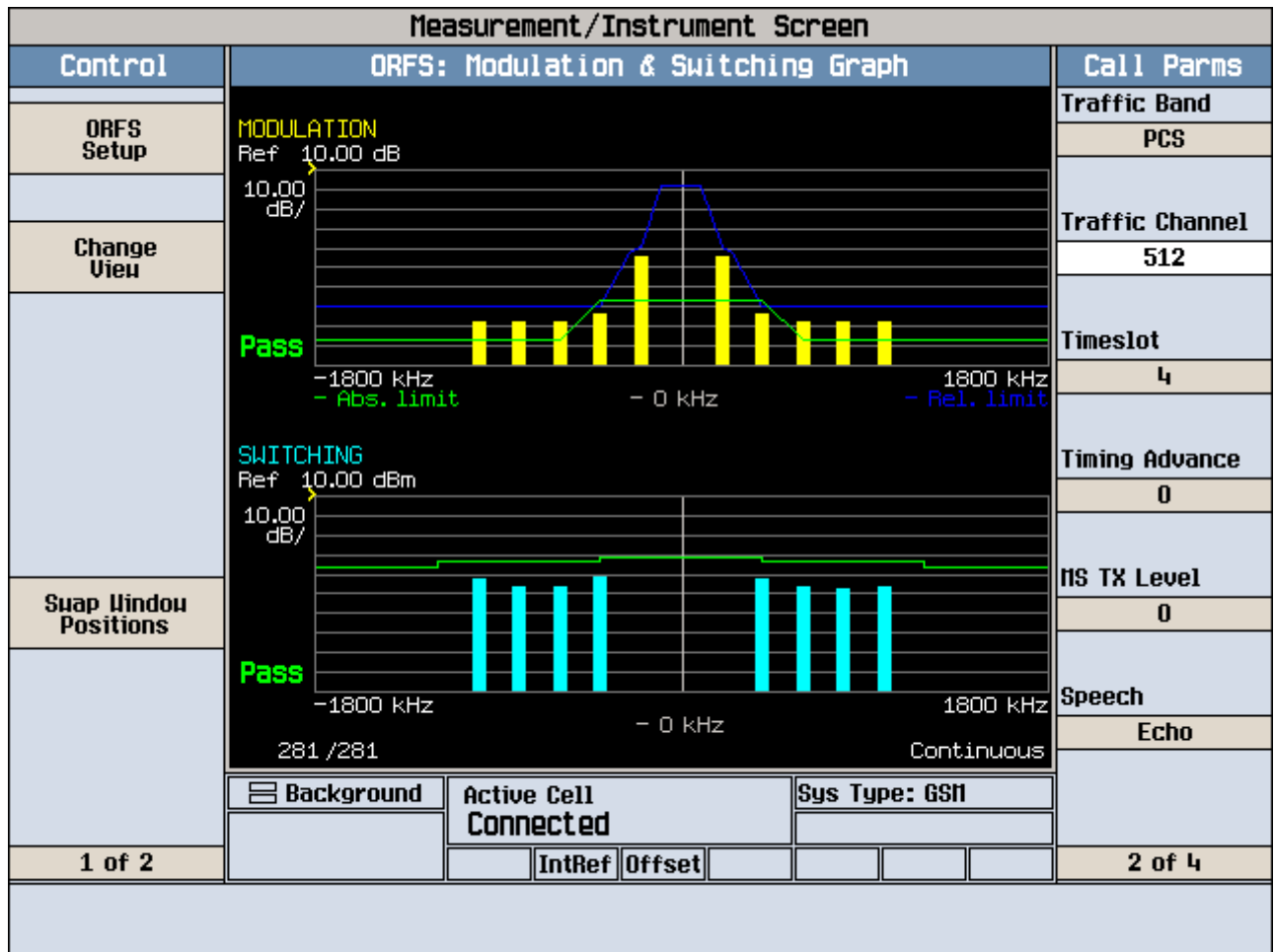
■ Modulation & Switching Graph (GSM850 190 CH)



■ Modulation & Switching Graph (GSM850 251 CH)



■ Modulation & Switching Graph (GSM1900 512 CH)



Measurement/Instrument Screen									
Control		ORFS: Modulation & Switching Graph						Call Params	
ORFS Setup		The screen displays two graphs. The top graph, titled 'MODULATION', shows a signal spectrum with a central peak at 0 kHz and side lobes. The y-axis is labeled '10.00 dB/' and the x-axis ranges from -1800 kHz to 1800 kHz. A green line represents the 'Abs. limit' and a blue line represents the 'Rel. limit'. The bottom graph, titled 'SWITCHING', shows a signal spectrum with a central peak at 0 kHz and side lobes. The y-axis is labeled '10.00 dB/' and the x-axis ranges from -1800 kHz to 1800 kHz. A green line represents the 'Abs. limit' and a blue line represents the 'Rel. limit'. Both graphs show a 'Pass' status.						Traffic Band	
Change View								PCS	
								Traffic Channel	
								661	
		Timeslot							
								4	
								Timing Advance	
								0	
Swap Window Positions								HS TX Level	
								0	
								Speech	
								Echo	
1 of 2		Background		Active Cell Connected		Sys Type: GSM		2 of 4	
				IntRef Offset					

Modulation & Switching Graph (GSM1900 810 CH)

