

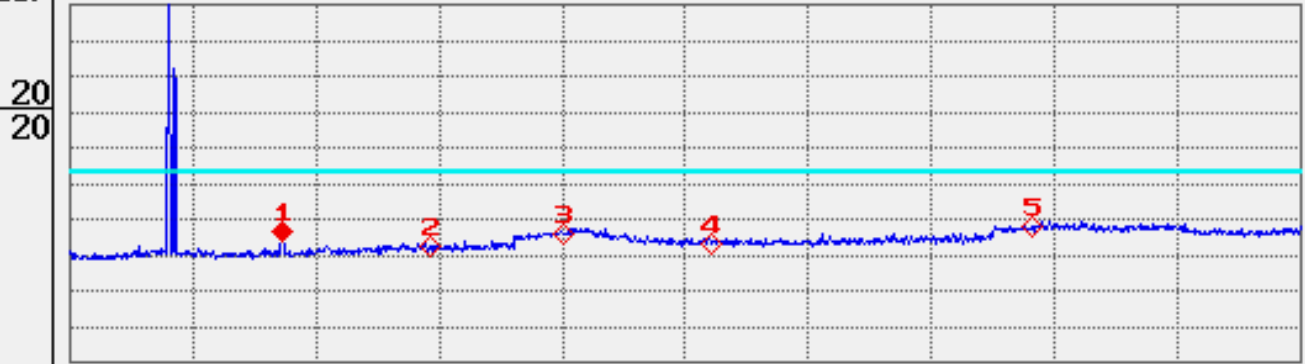
ATTACHMENT D – TEST PLOTS

■ GSM850 MODE (128 CH.) Conducted Spurious

SP-740M(GSM850:128)

REF 33.0 dBm DL -13.0 dBm MKR 1.738 GHz
10 dB/ *A_Max Posi B_Blank Norm -30.25 dBm

LOF



START 10 MHz STOP 10.000 GHz
*RBW 1 MHz *VBW 1 MHz SWP 150 ms ATT 10 dB

Multi Marker List

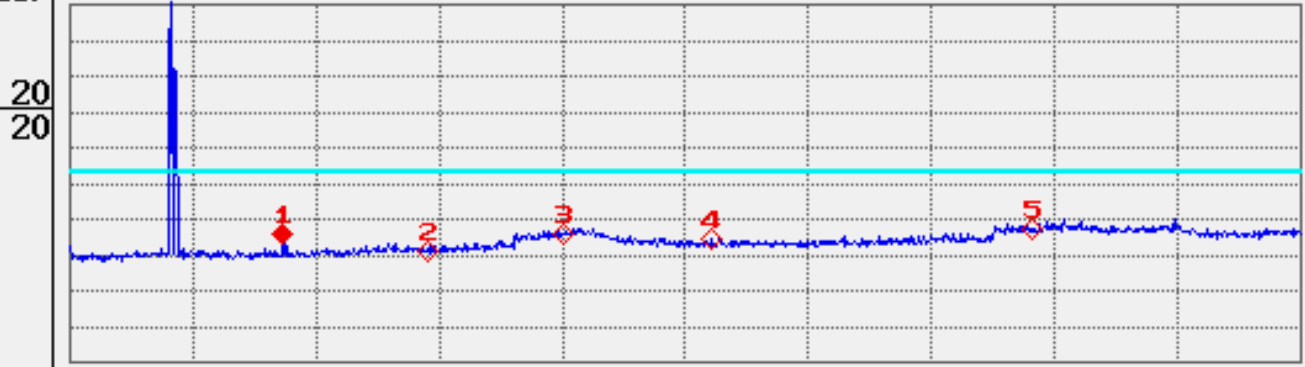
1:	1.738 GHz	-30.25 dBm
2:	2.927 GHz	-34.34 dBm
3:	4.006 GHz	-30.80 dBm
4:	5.225 GHz	-34.02 dBm
5:	7.812 GHz	-29.34 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (190 CH.) Conducted Spurious

SP-740M(GSM850:190)

REF 33.0 dBm DL -13.0 dBm MKR 1.738 GHz
10 dB/ *A_Max Posi B_Blank Norm -31.11 dBm

LOF



START 10 MHz STOP 10.000 GHz
*RBW 1 MHz *VBW 1 MHz SWP 150 ms ATT 10 dB

Multi Marker List

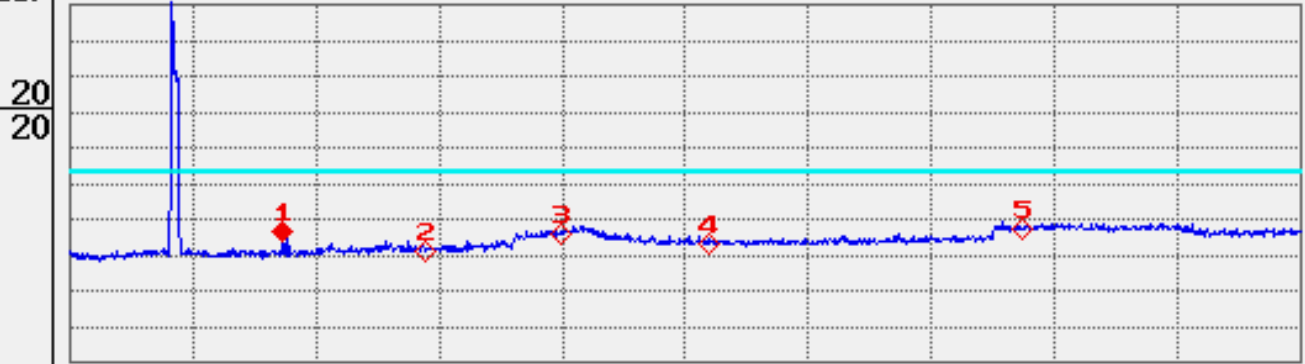
1:	1.738 GHz	-31.11 dBm
2:	2.907 GHz	-35.83 dBm
3:	4.006 GHz	-31.20 dBm
4:	5.225 GHz	-32.84 dBm
5:	7.812 GHz	-29.86 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (251 CH.) Conducted Spurious

SP-740M(GSM850:251)

REF 33.0 dBm DL -13.0 dBm MKR 1.738 GHz
10 dB/ *A_Max Posi B_Blank Norm -30.16 dBm

LOF



START 10 MHz STOP 10.000 GHz
*RBW 1 MHz *VBW 1 MHz SWP 150 ms ATT 10 dB

Multi Marker List

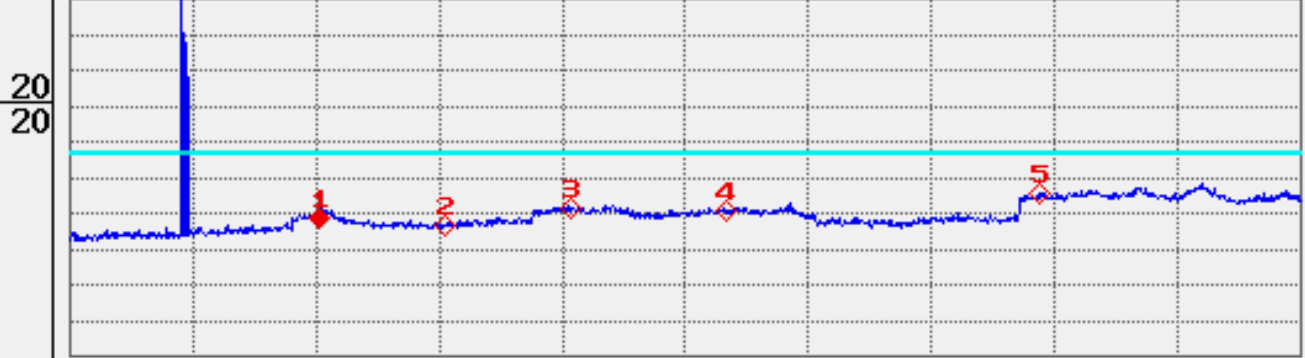
1:	1.738 GHz	-30.16 dBm
2:	2.897 GHz	-35.84 dBm
3:	3.996 GHz	-31.32 dBm
4:	5.205 GHz	-33.64 dBm
5:	7.742 GHz	-29.90 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (512 CH.) Conducted Spurious

SP-740M(GSM1900:512)

REF 30.0 dBm DL -13.0 dBm MKR 4.07 GHz
10 dB/ *A_Max Posi B_Blank Norm -31.05 dBm

LOF



START 10 MHz STOP 20.00 GHz
*RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 10 dB

Multi Marker List

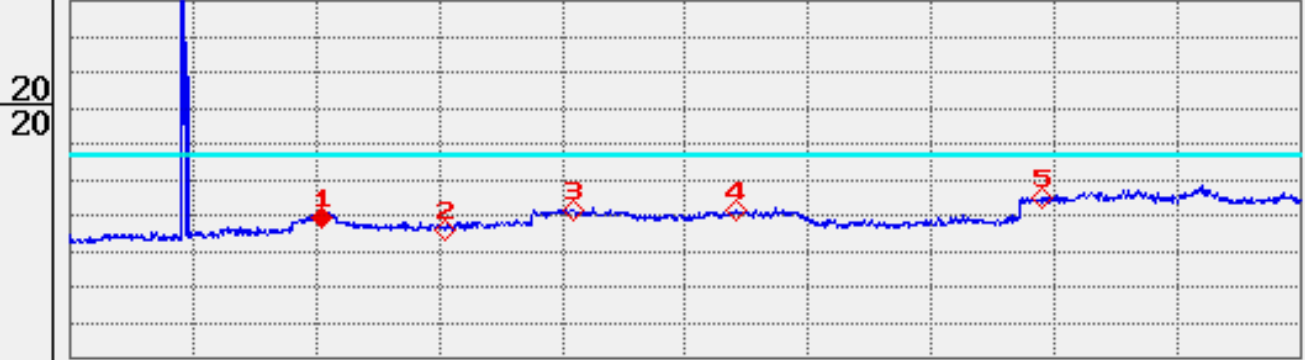
1:	4.07 GHz	-31.05 dBm
2:	6.09 GHz	-33.69 dBm
3:	8.15 GHz	-28.34 dBm
4:	10.68 GHz	-29.48 dBm
5:	15.74 GHz	-24.39 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (661 CH.) Conducted Spurious

SP-740M(GSM1900:661)

 REF 30.0 dBm DL -13.0 dBm MKR 4.09 GHz
 10 dB/ *A_Max Posi B_Blank Norm -30.81 dBm

LOF


 START 10 MHz STOP 20.00 GHz
 *RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 10 dB

Multi Marker List

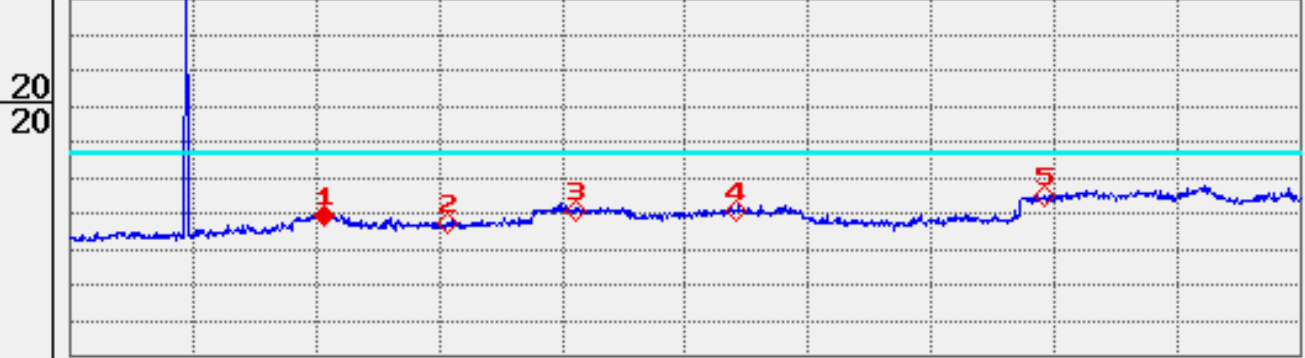
1:	4.09 GHz	-30.81 dBm
2:	6.11 GHz	-33.98 dBm
3:	8.19 GHz	-28.76 dBm
4:	10.82 GHz	-28.91 dBm
5:	15.78 GHz	-25.01 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (810 CH.) Conducted Spurious

SP-740M (GSM1900:810)

REF 30.0 dBm DL -13.0 dBm MKR 4.15 GHz
10 dB/ *A_Max Posi B_Blank Norm -30.67 dBm

LOF



START 10 MHz STOP 20.00 GHz
*RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 10 dB

Multi Marker List

1:	4.15 GHz	-30.67 dBm
2:	6.13 GHz	-32.88 dBm
3:	8.21 GHz	-29.14 dBm
4:	10.84 GHz	-29.48 dBm
5:	15.82 GHz	-24.91 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

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

SP-740M(GSM850:128)

REF 33.0 dBm

10 dB/

*A_PwAvg Posi

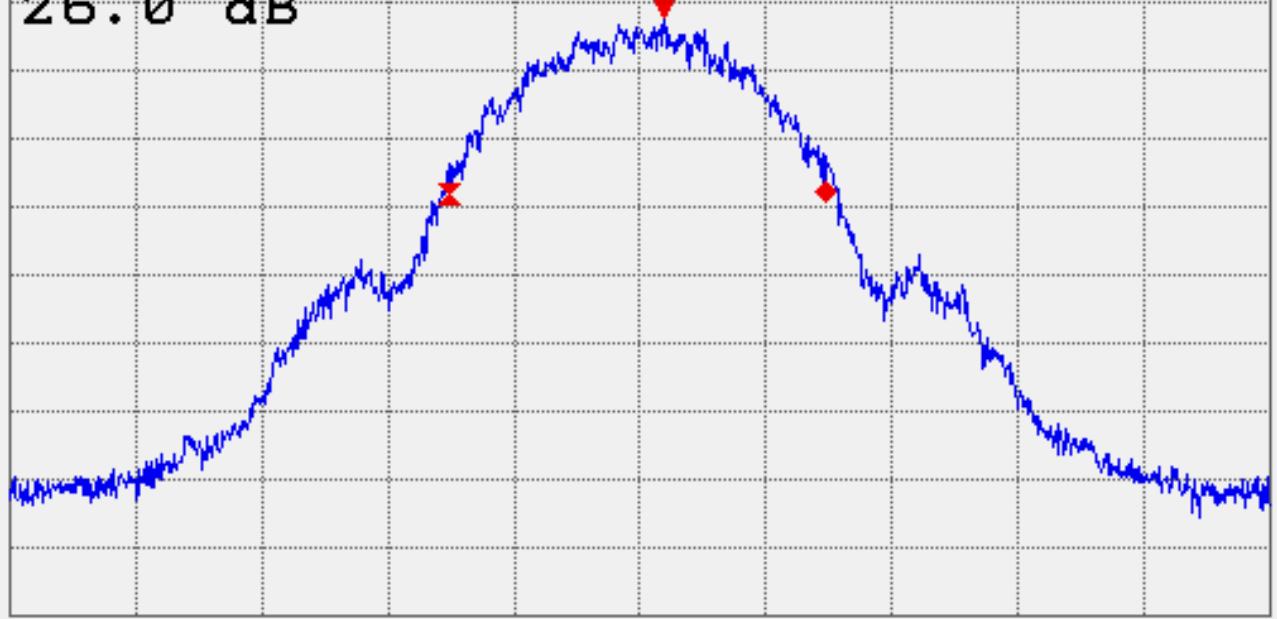
MKRA 298 kHz

0.33 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 824.220 MHz
20.97 dB



CENTER 824.200 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	824.073 MHz	251.0 kHz	PASS
High:	824.324 MHz		

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

SP-740M(GSM850:190)

REF 33.0 dBm

10 dB/ *A_PwAvg Pos i

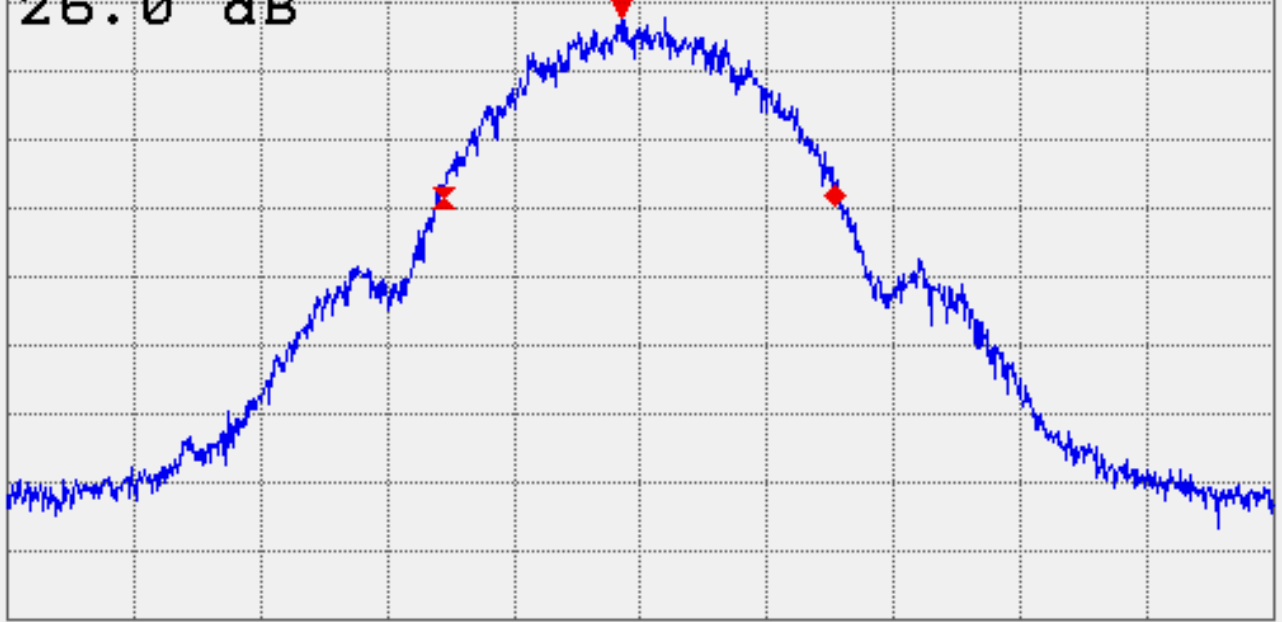
MKRΔ 309 kHz

0.48 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 836.585 MHz
20.91 dB



CENTER 836.600 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	836.472 MHz		
High:	836.725 MHz	253.0 kHz	PASS

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

SP-740M(GSM850:251)

REF 33.0 dBm

MKRΔ 311 kHz

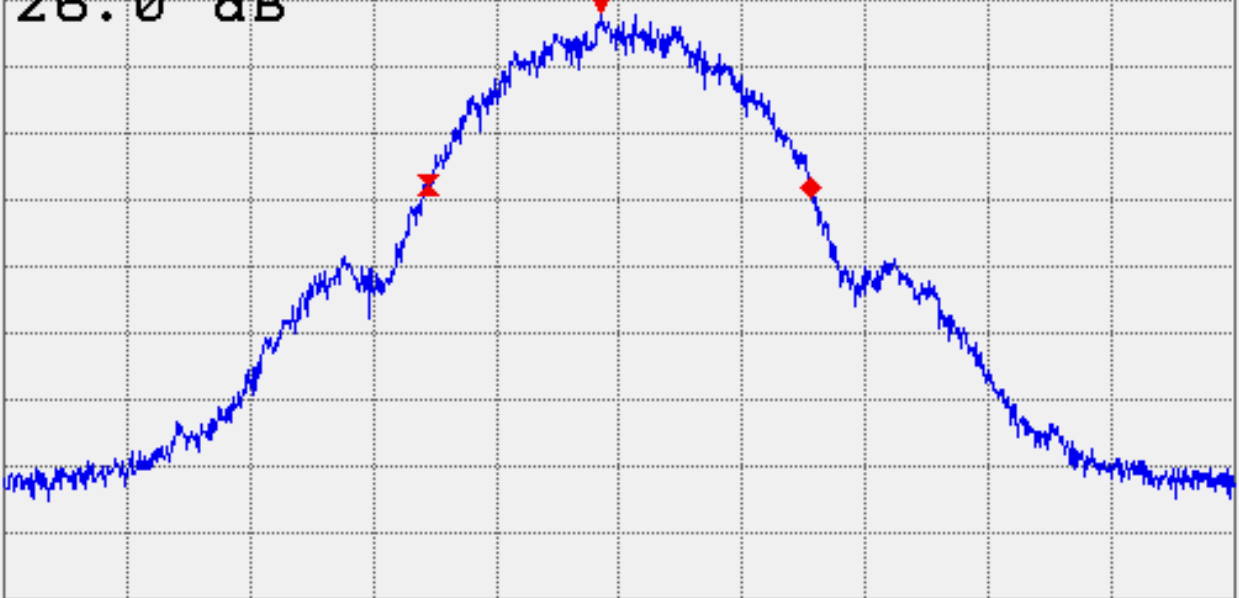
10 dB/ *A_PwAvg Posi

-0.14 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 848.785 MHz
21.01 dB



CENTER 848.800 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	848.673 MHz	252.0 kHz	PASS
High:	848.925 MHz		

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

SP-740M(GSM1900:512)

REF 30.0 dBm

10 dB/ *A_PwAvg Pos i

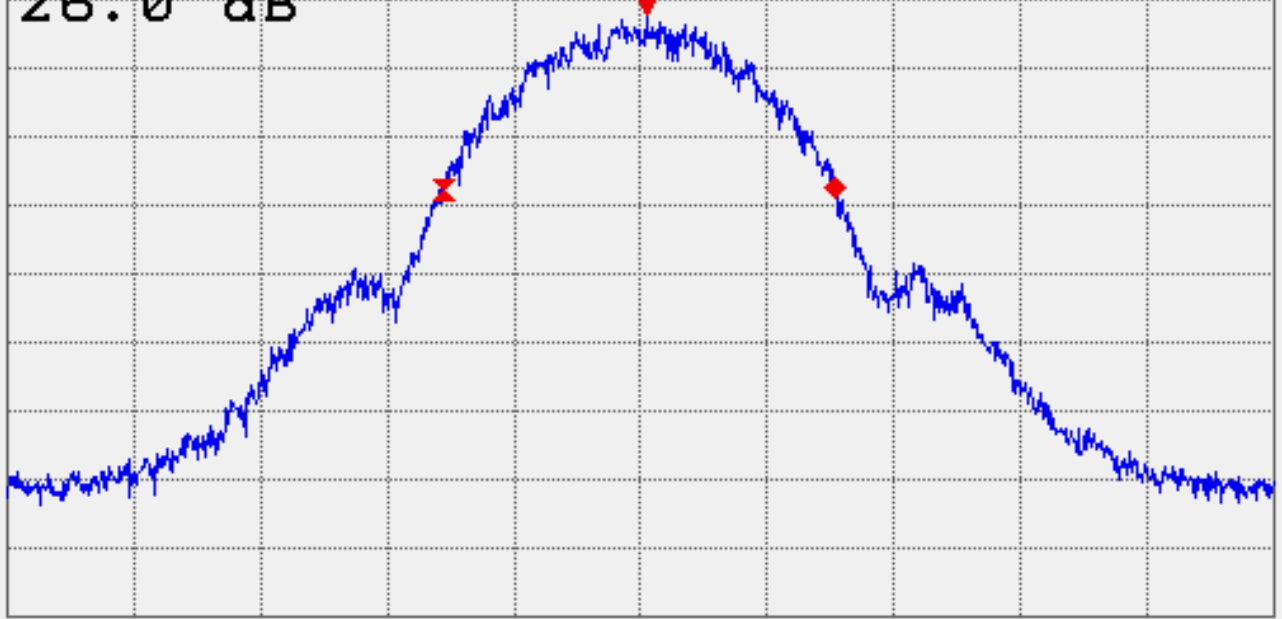
MKRΔ 309 kHz

0.42 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.850205 GHz
17.83 dB



CENTER 1.850200 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.850072 GHz		
High:	1.850324 GHz	252.0 kHz	PASS

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

SP-740M(GSM1900:661)

REF 30.0 dBm

10 dB/ *A_PwAvg Pos i

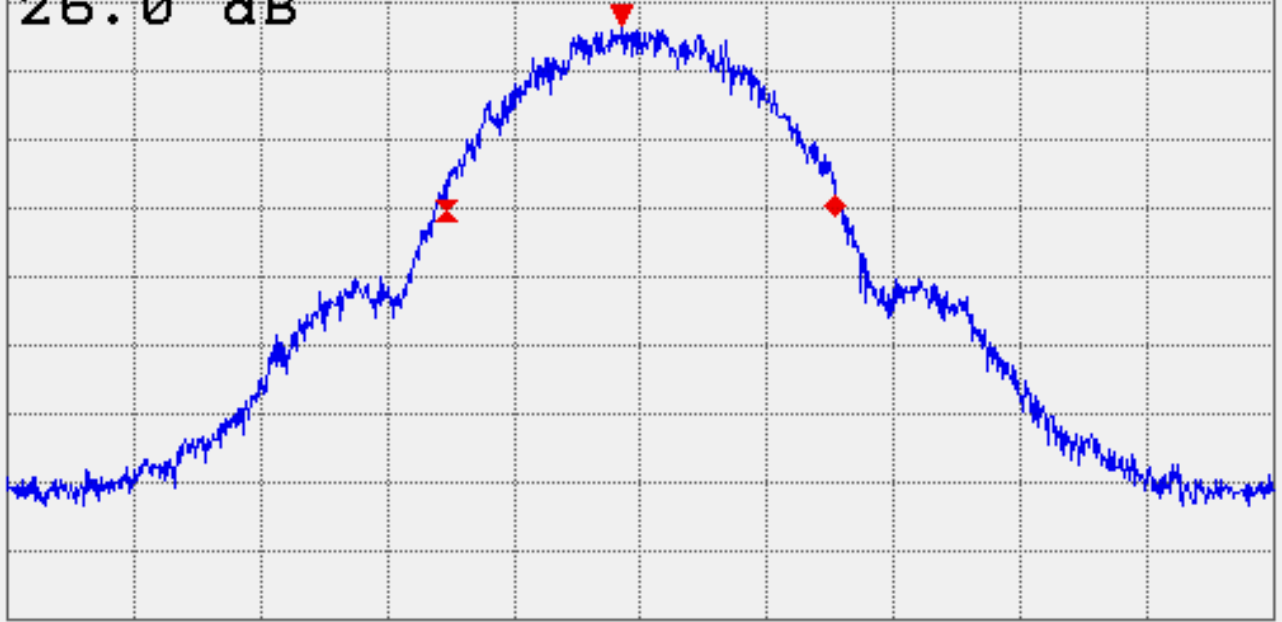
MKRΔ 308 kHz

0.66 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.879985 GHz
16.52 dB



CENTER 1.880000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.879874 GHz		
High:	1.880124 GHz	250.0 kHz	PASS

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

SP-740M(GSM1900:810)

REF 30.0 dBm

10 dB/ *A_PwAvg Pos i

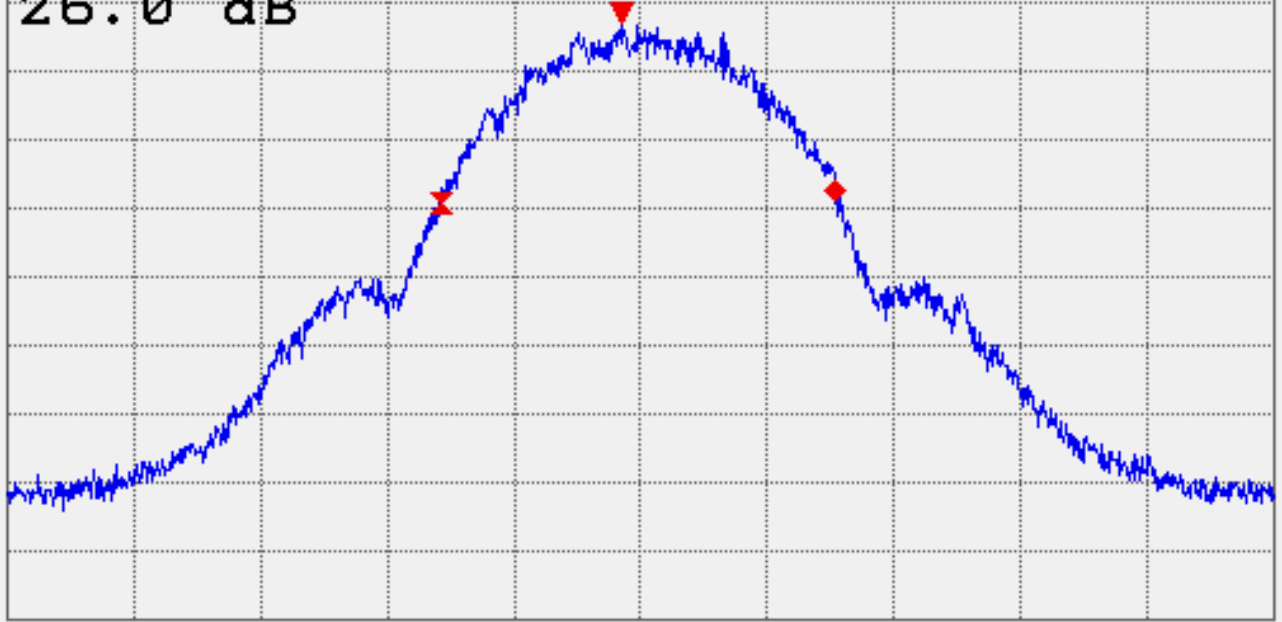
MKRΔ 312 kHz

1.93 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.909784 GHz
16.98 dB



CENTER 1.909800 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 10 dB

OBW (GSM850: MS Link)

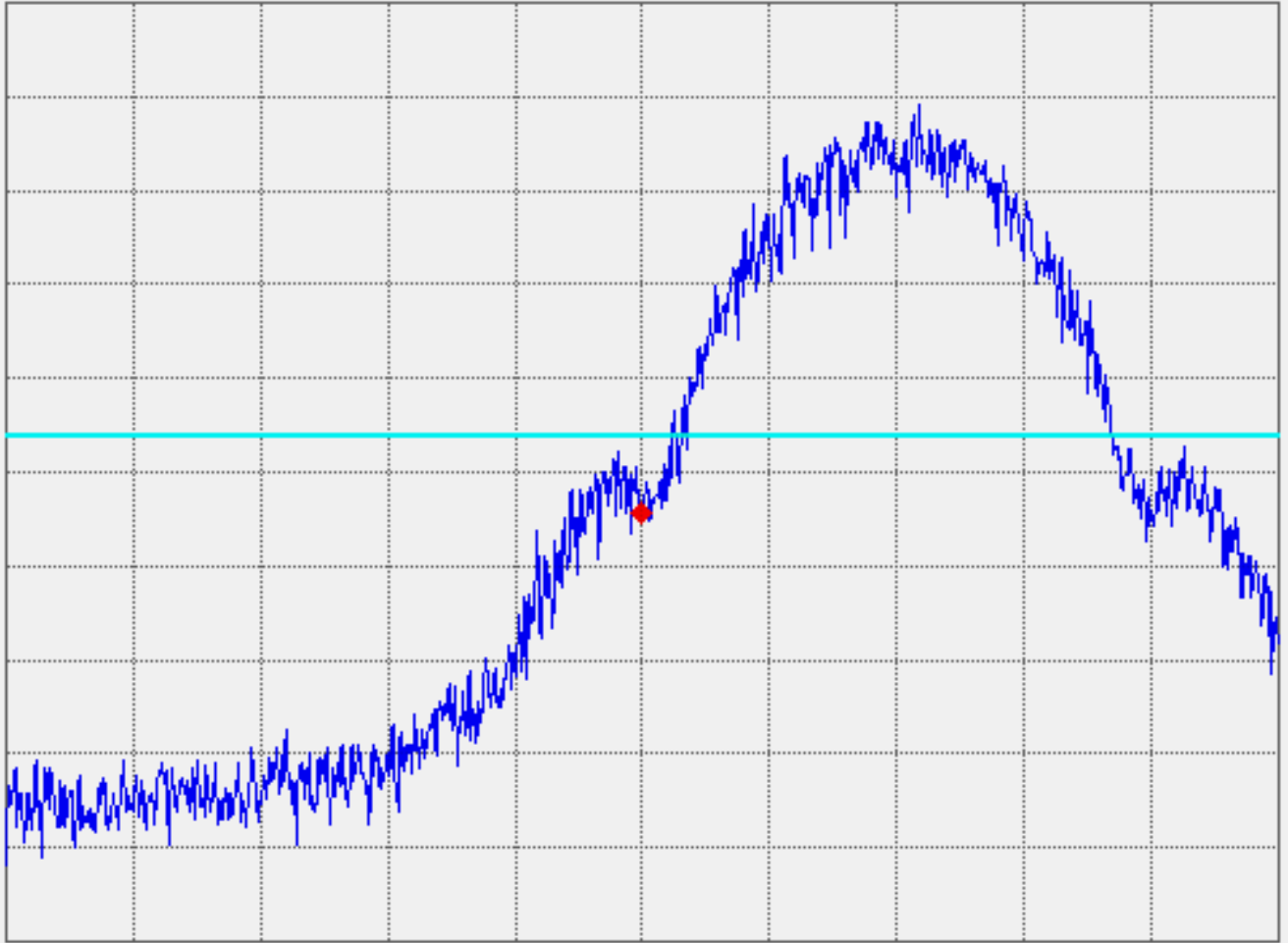
	Frequency	OBW (99.00%)	Judge
Low :	1.909673 GHz		
High:	1.909925 GHz	252.0 kHz	PASS

■ GSM Block Edge GSM850 (128 CH.)

SP-740M(GSM850:128)

REF 33.0 dBm DL -13.0 dBm MKR 824.000 MHz
10 dB/ *A_View Norm B_Blank Norm -21.41 dBm

LOF



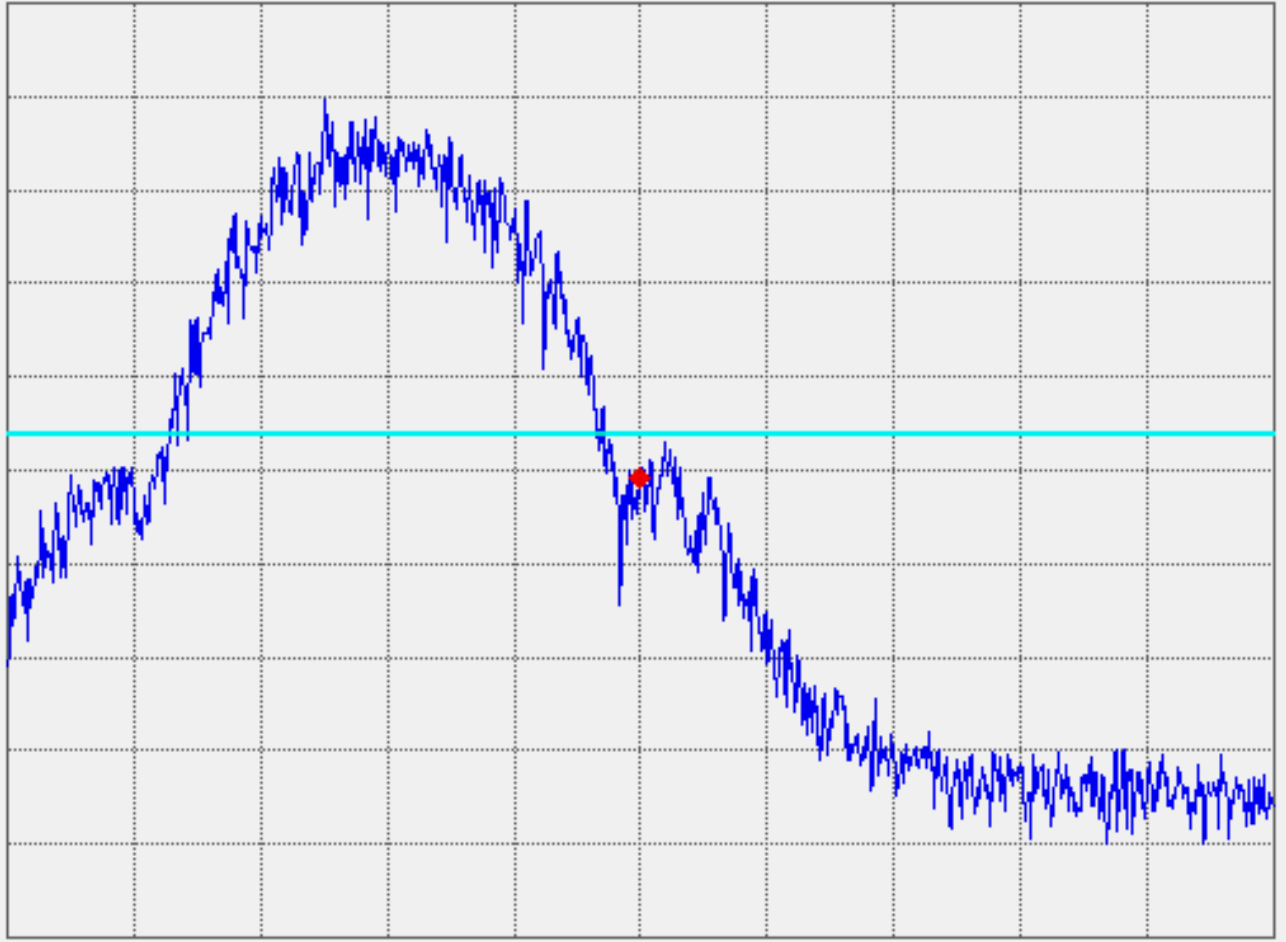
CENTER 824.000 MHz SPAN 1.000 MHz
*RBW 3 kHz *VBW 3 kHz SWP 230 ms ATT 10 dB

■ GSM Block Edge GSM850 (251 CH.)

SP-740M(GSM850:251)

REF 33.0 dBm DL -13.0 dBm MKR 849.000 MHz
10 dB/ *A_View Norm B_Blank Norm -17.74 dBm

LOF



CENTER 849.000 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

ATT 10 dB

■ GSM Block Edge GSM1900 (512 CH.)

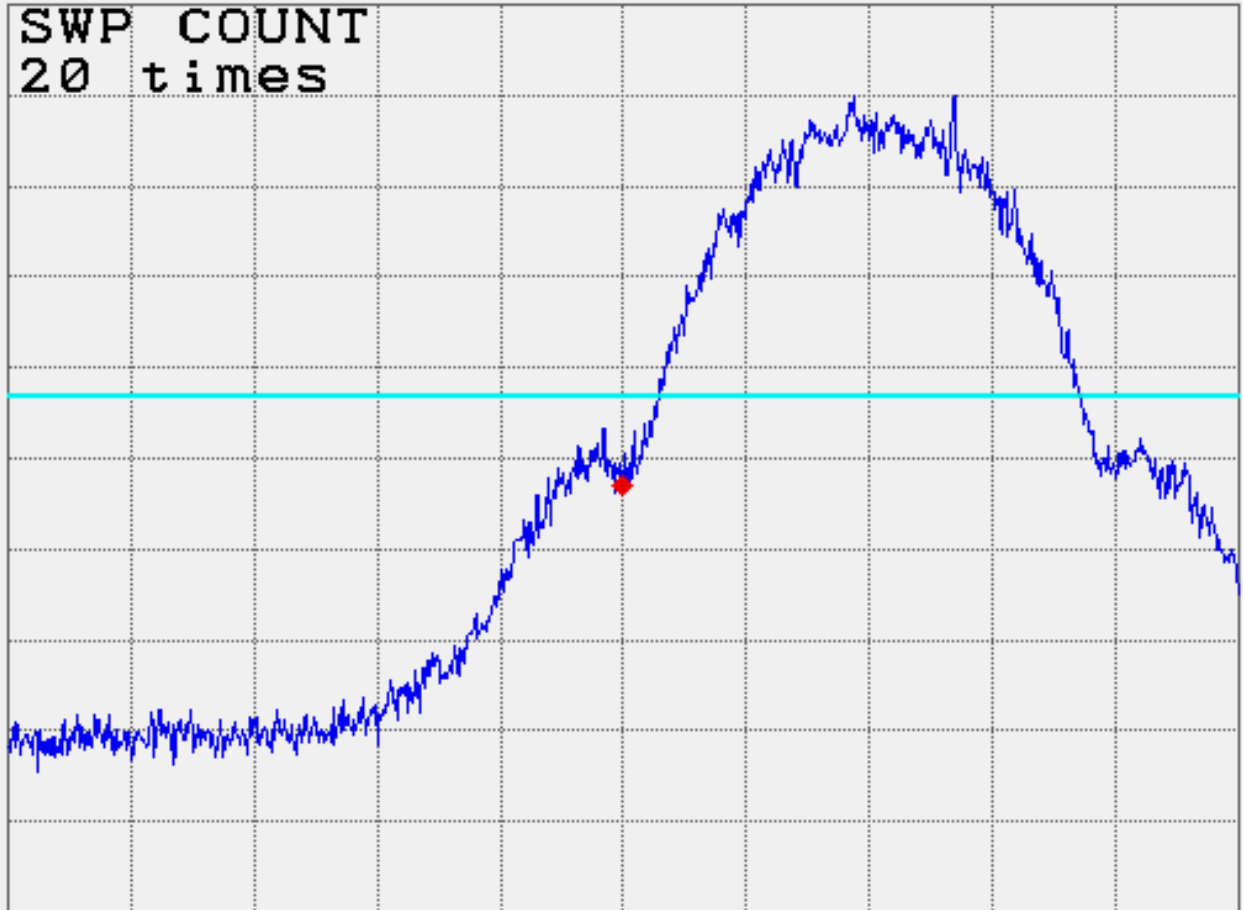
SP-740M(GSM1900:512)

REF 30.0 dBm DL -13.0 dBm MKR 1.850000 GHz
10 dB/ *A_Max Posi B_Blank Norm -22.95 dBm

LOF

SWP COUNT
20 times

20
20



CENTER 1.850000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

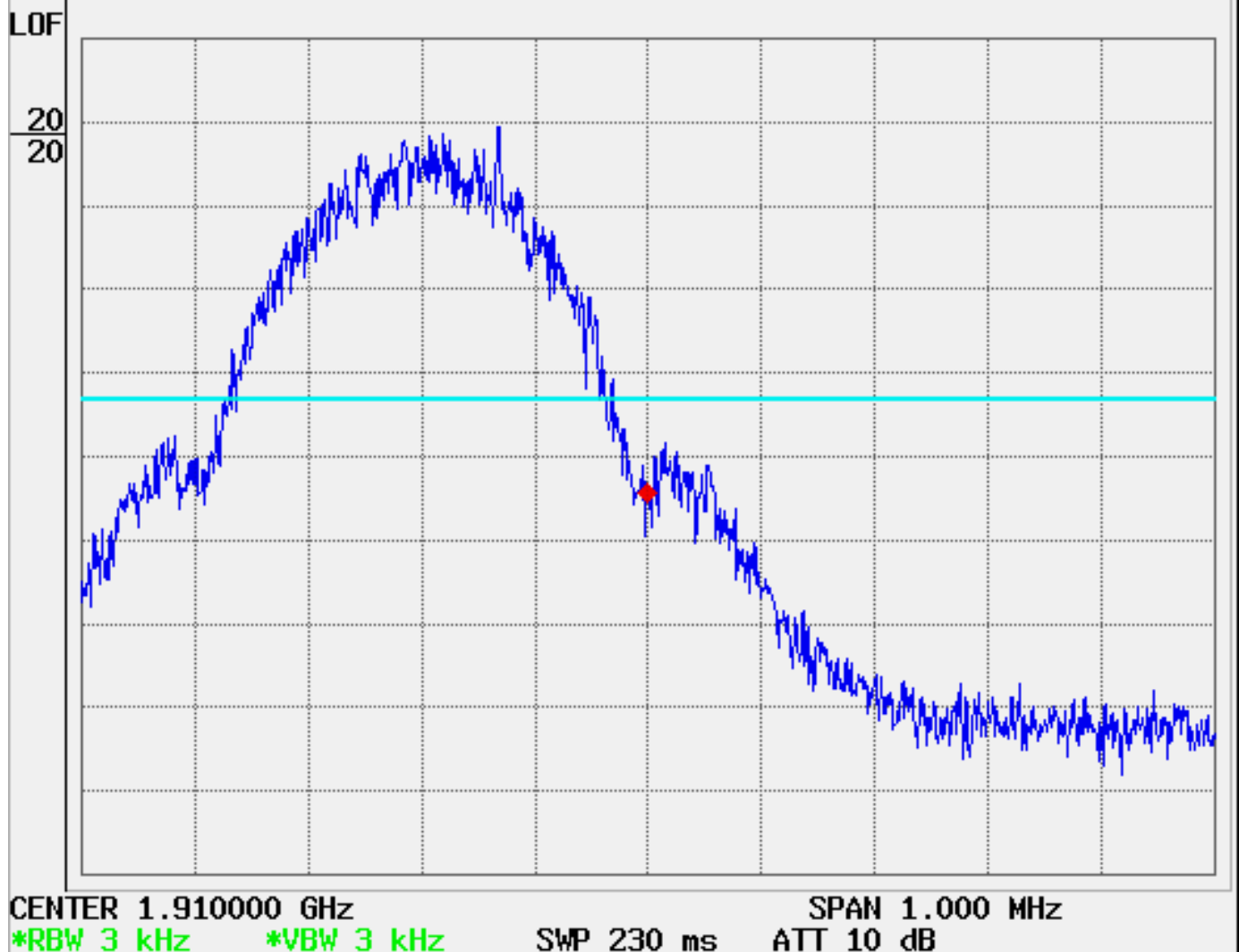
SWP 230 ms

ATT 10 dB

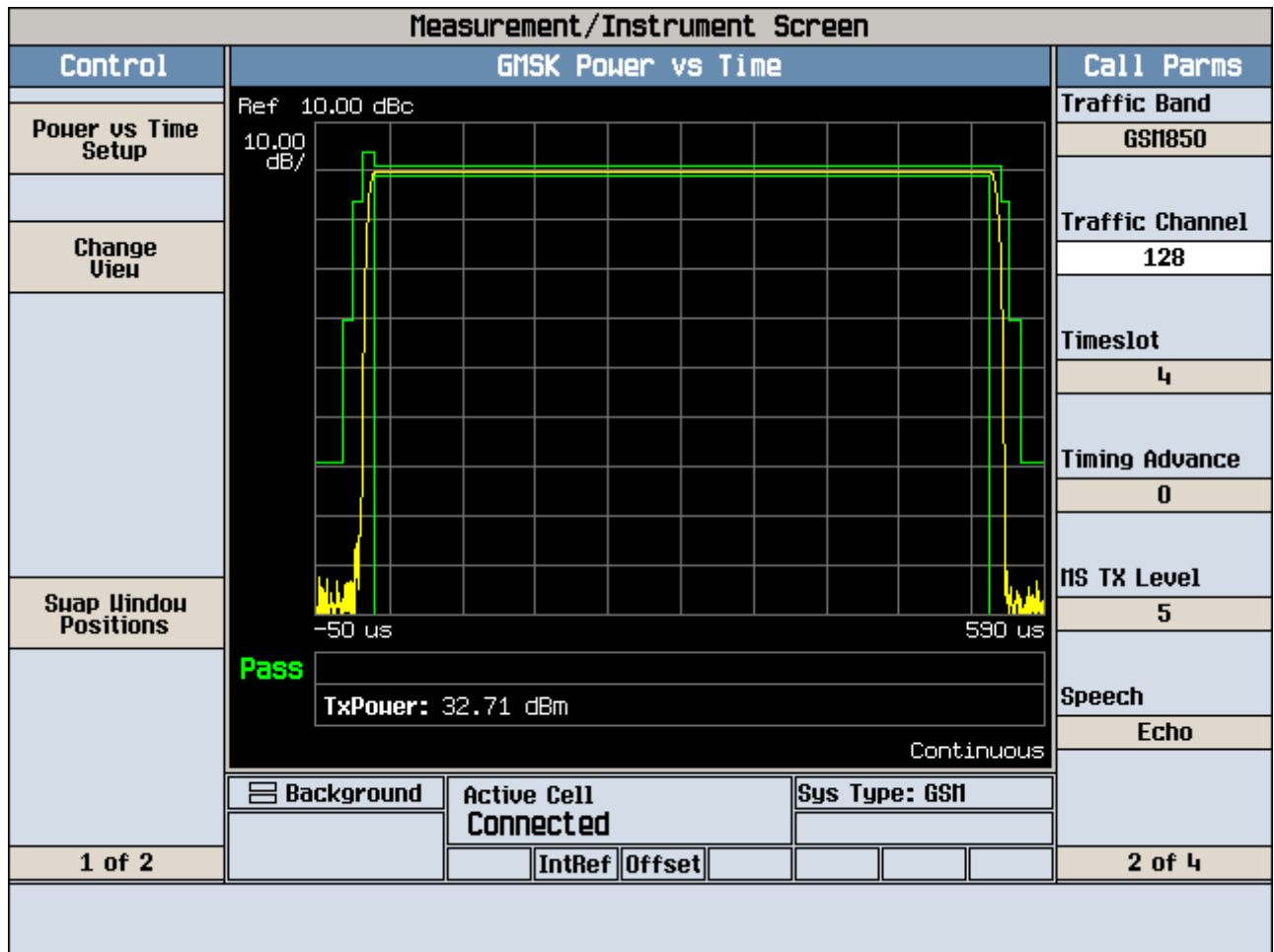
■ GSM Block Edge GSM1900 (810 CH.)

SP-740M(GSM1900:810)

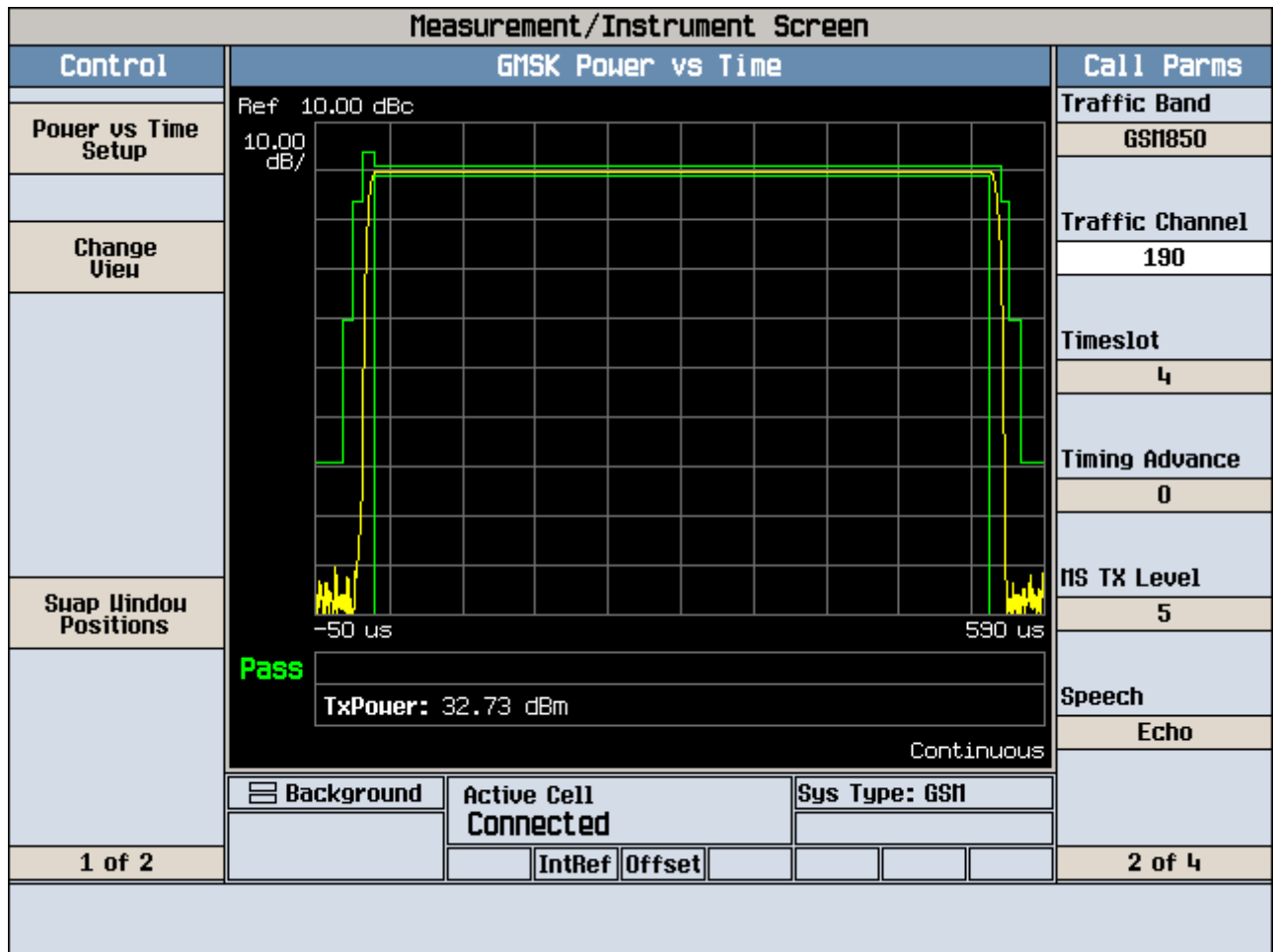
REF 30.0 dBm DL -13.0 dBm MKR 1.910000 GHz
10 dB/ *A_Max Posi B_Blank Norm -24.28 dBm



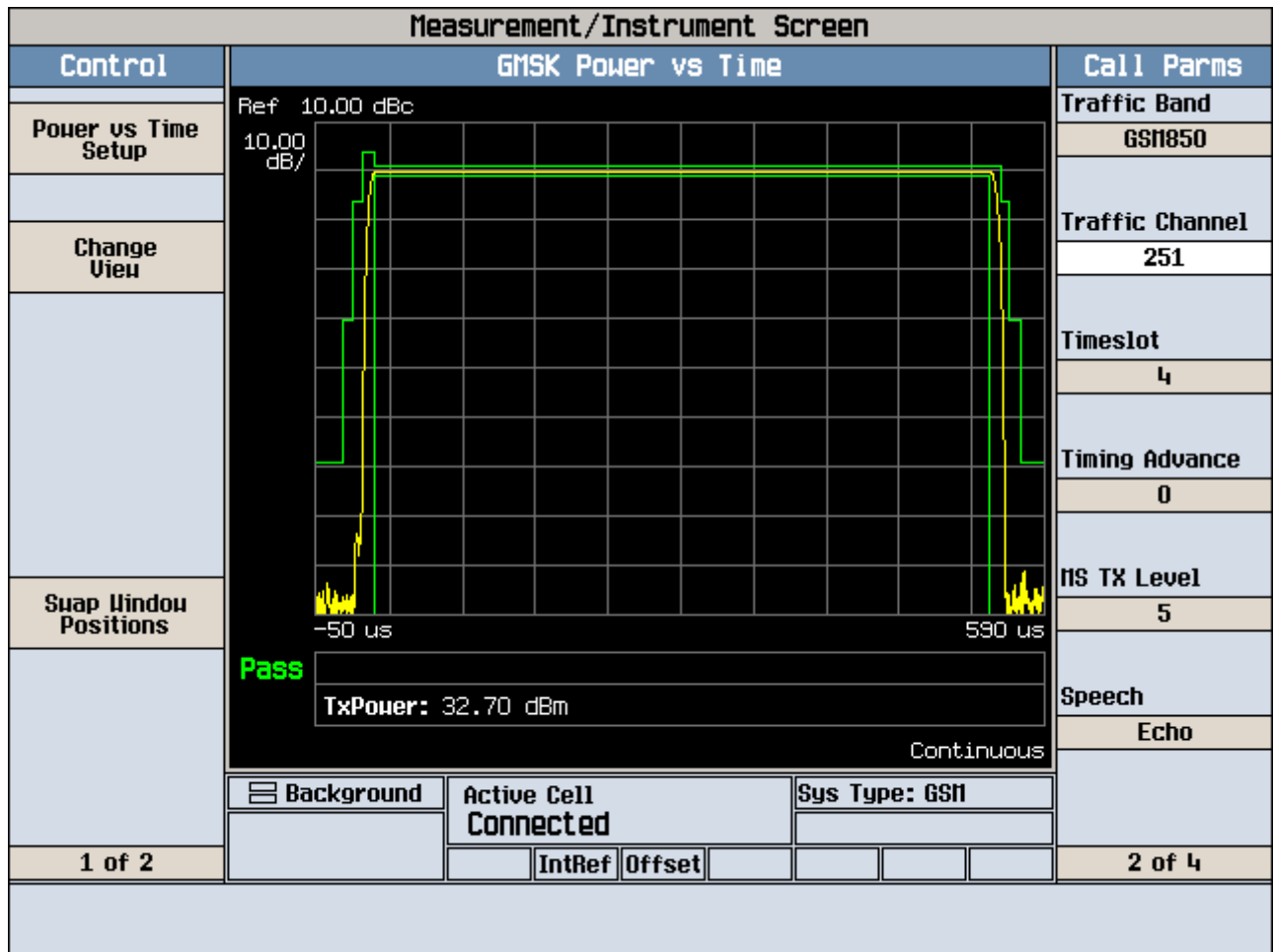
■ Power output conducted (GSM850 128 CH)



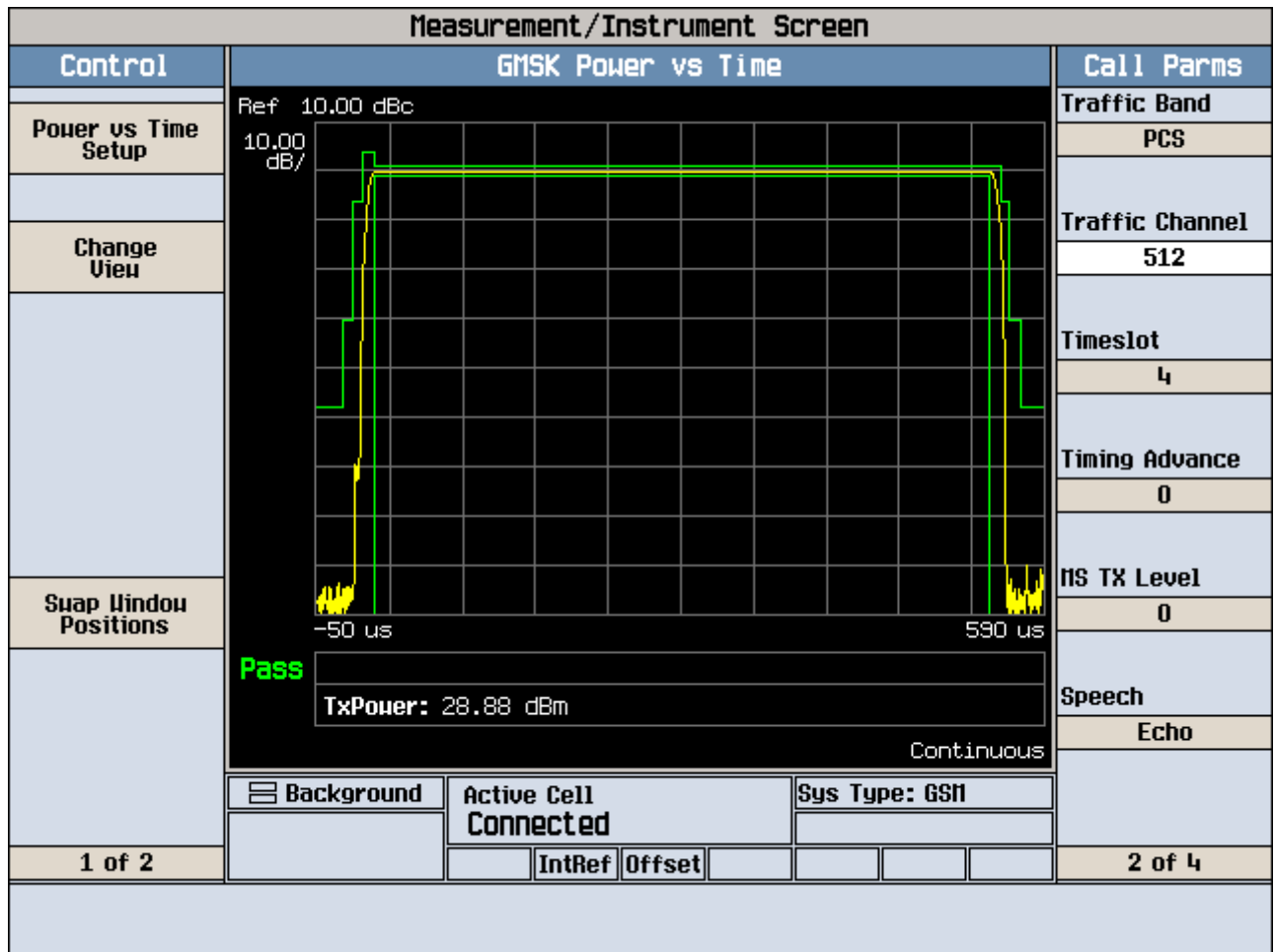
■ Power output conducted (GSM850 190 CH)



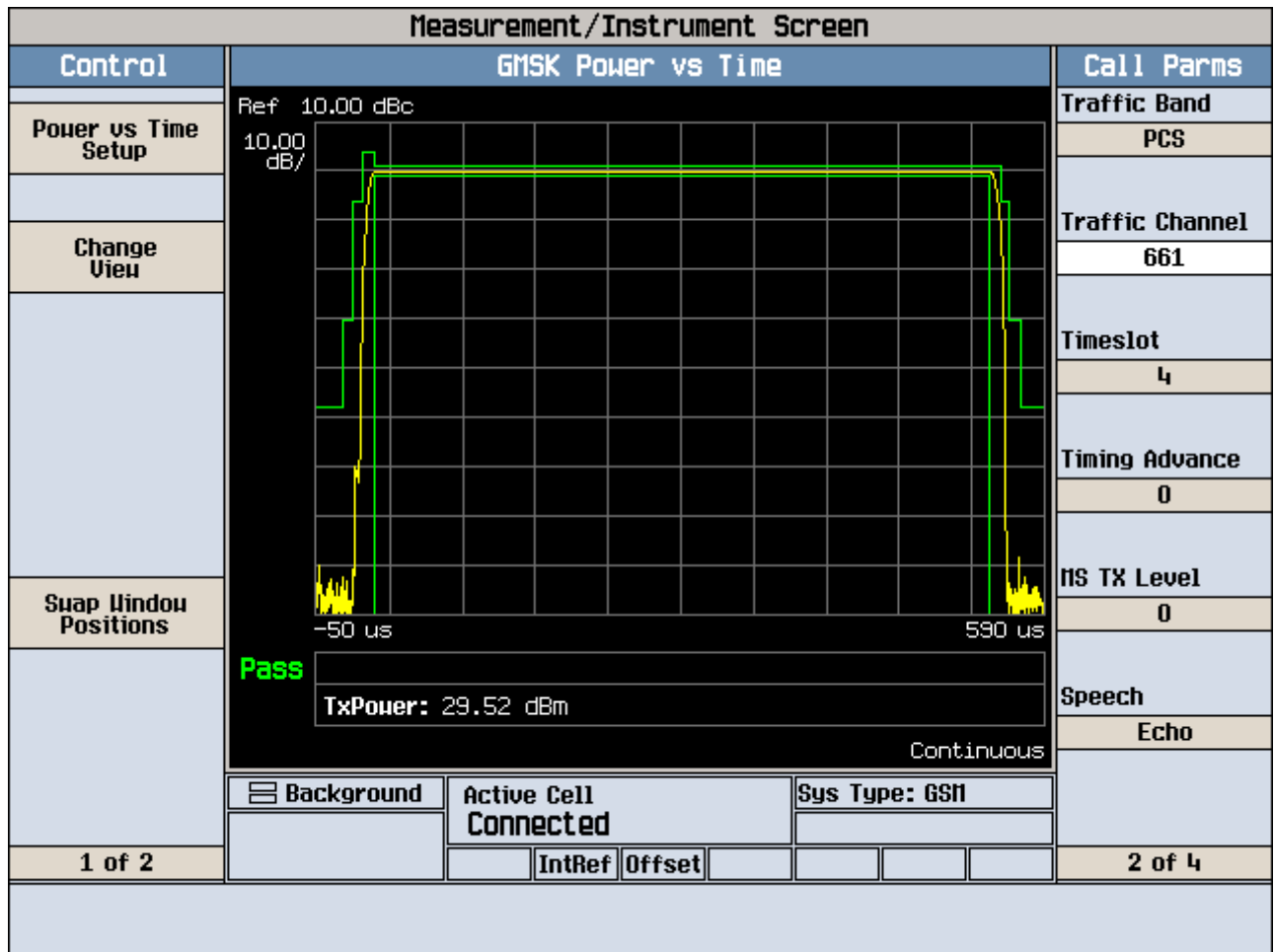
■ Power output conducted (GSM850 251 CH)



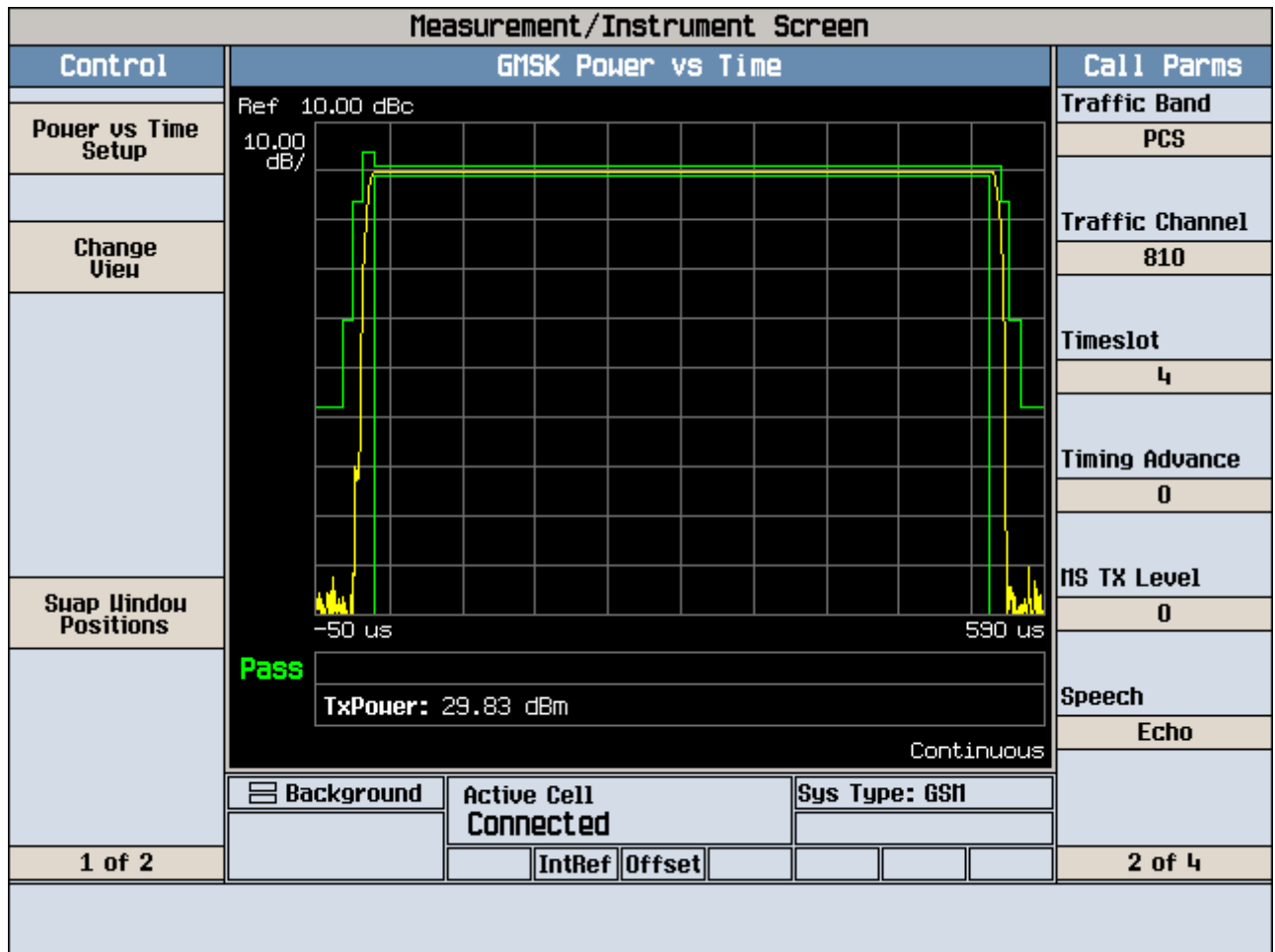
■ Power output conducted (GSM1900 512 CH)



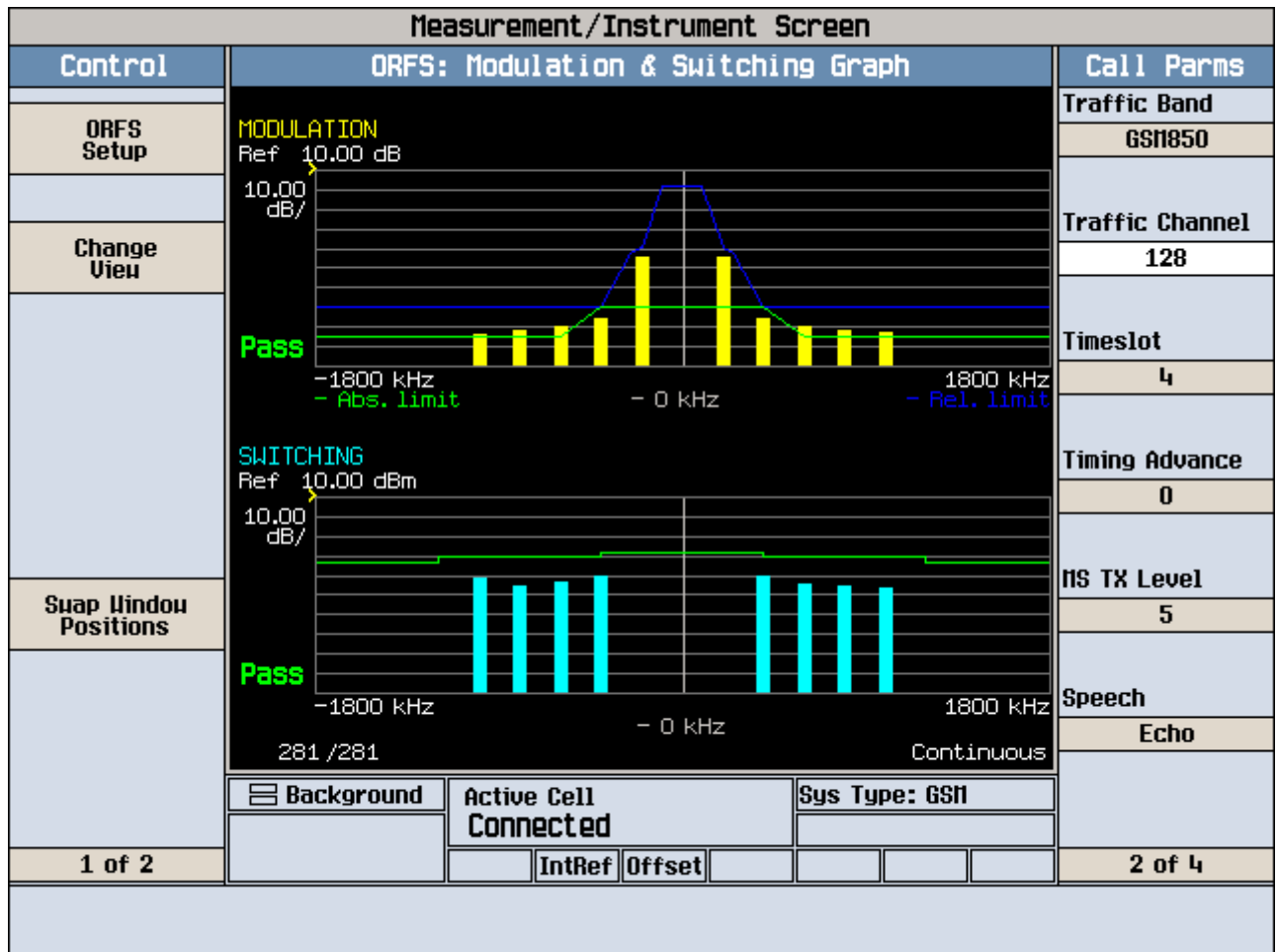
■ Power output conducted (GSM1900 661 CH)



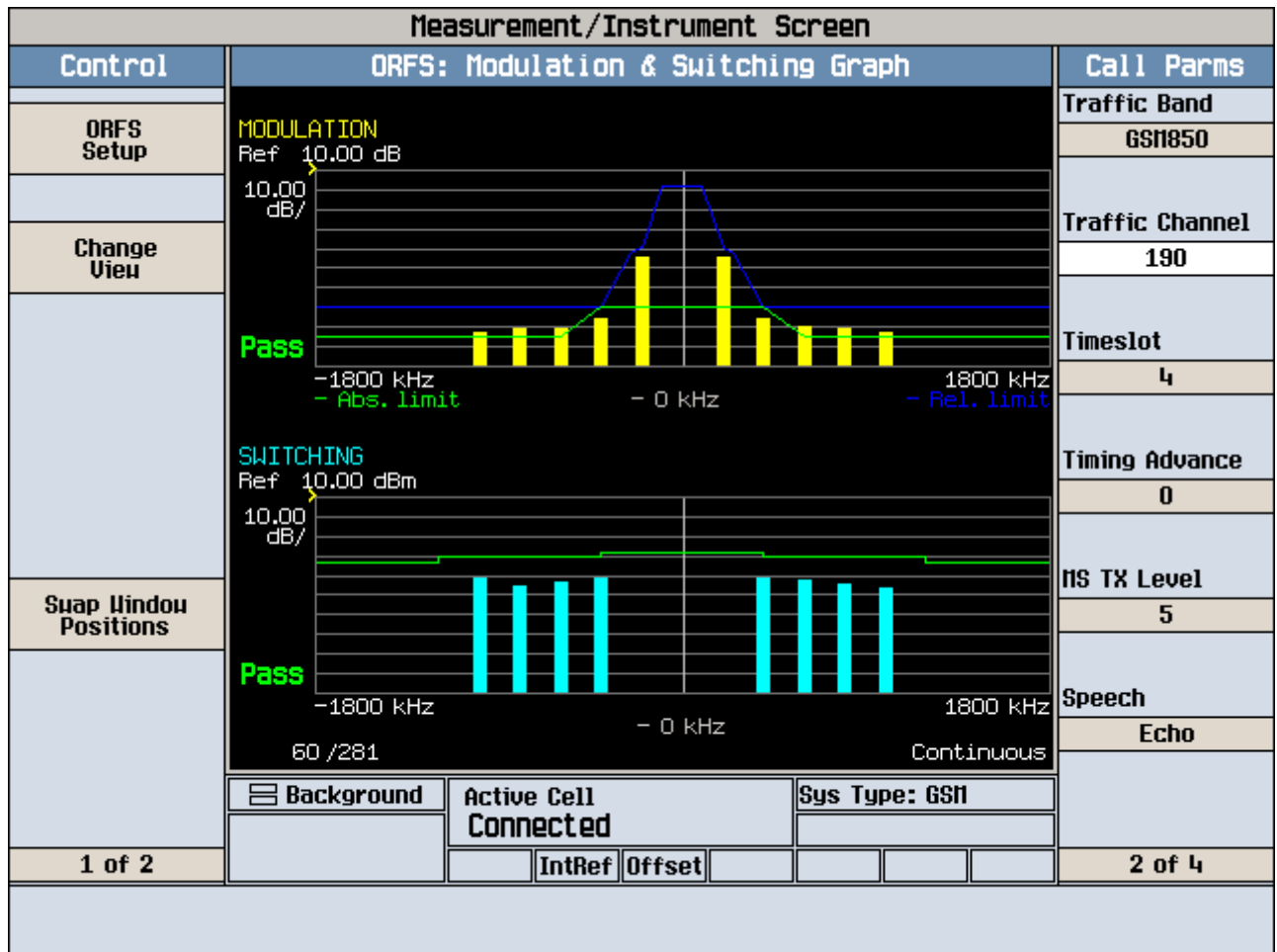
■ Power output conducted (GSM1900 810 CH)



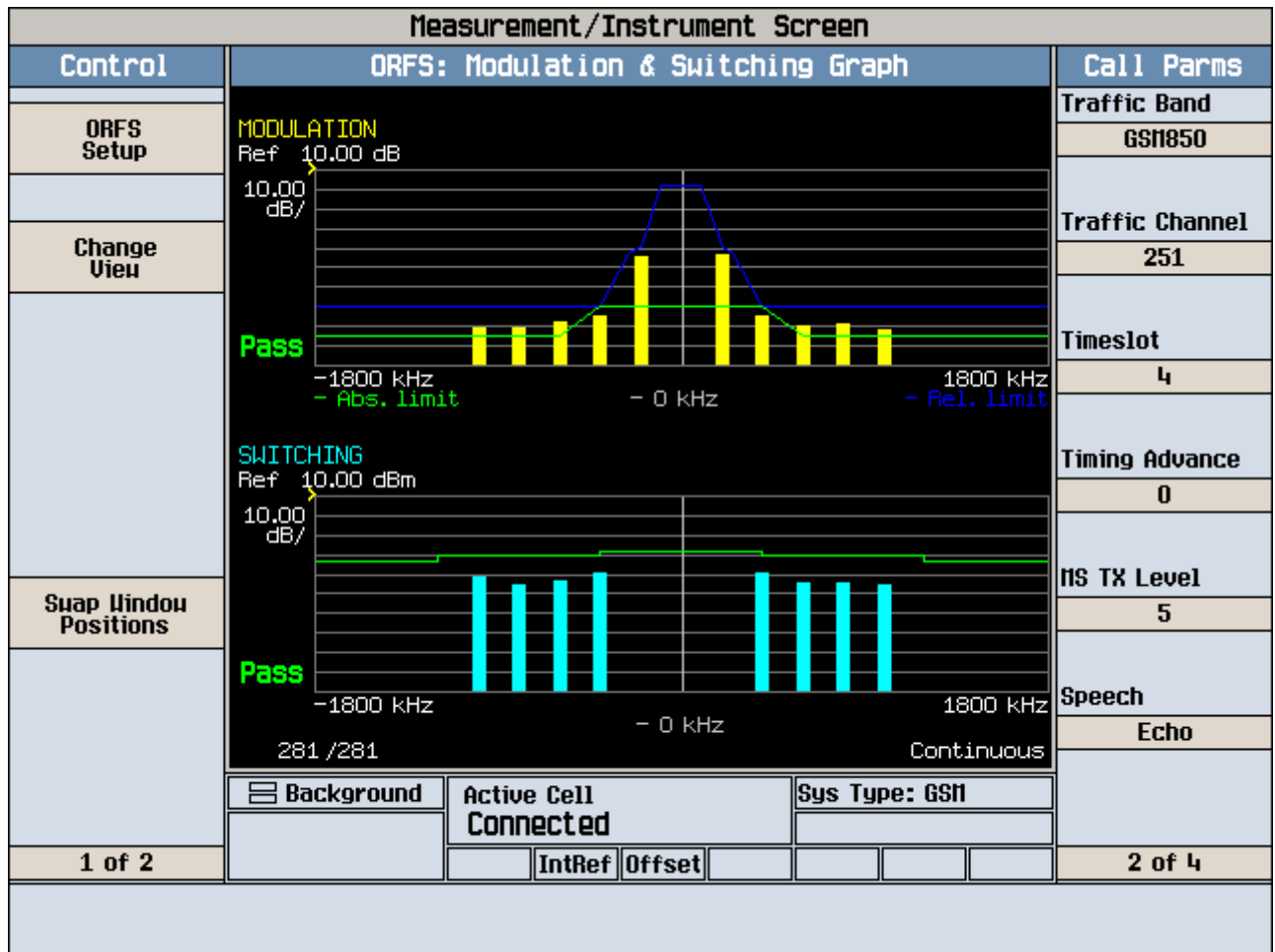
■ Modulation & Switching Graph (GSM850 128 CH)



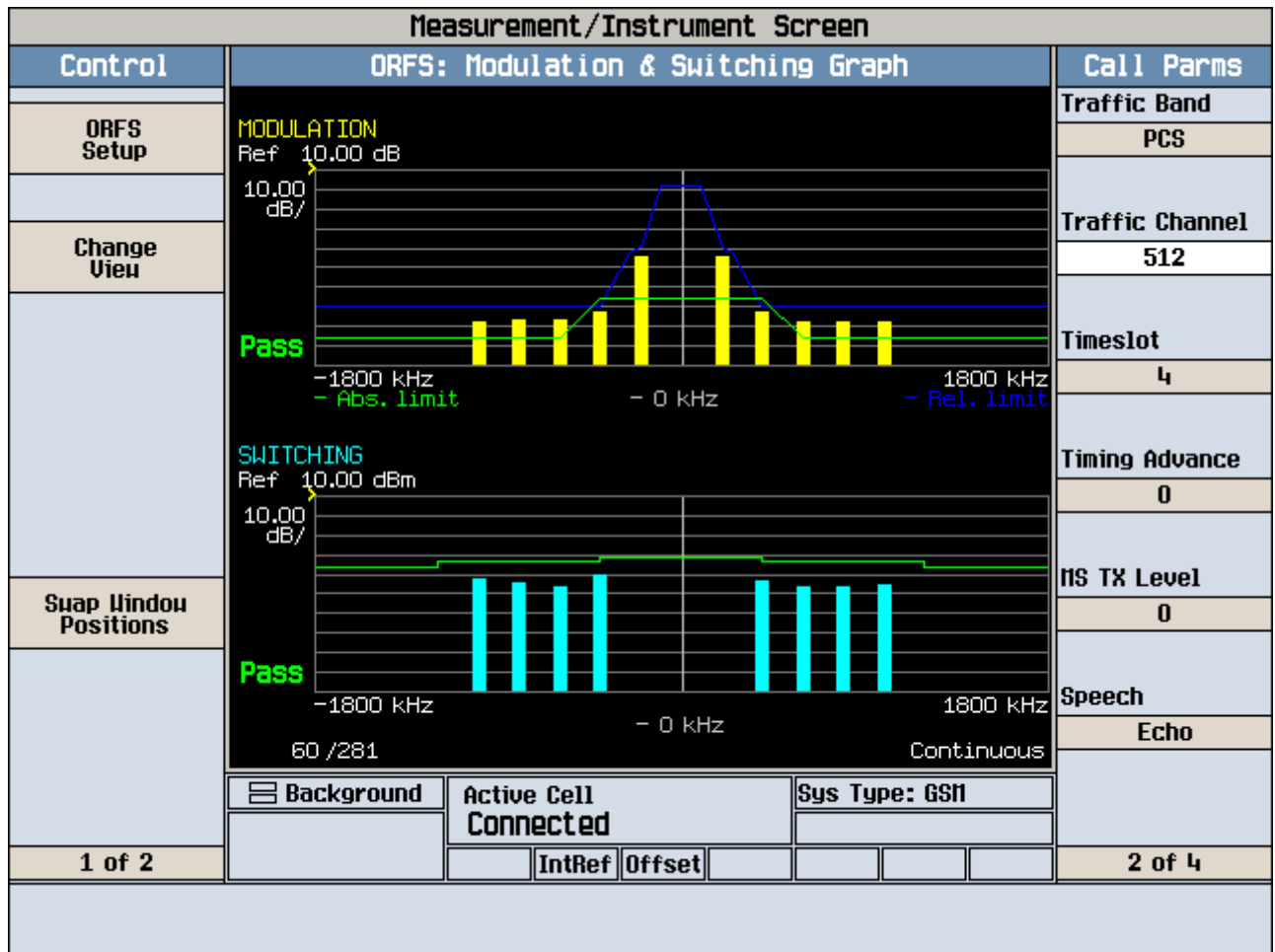
■ Modulation & Switching Graph (GSM850 190 CH)



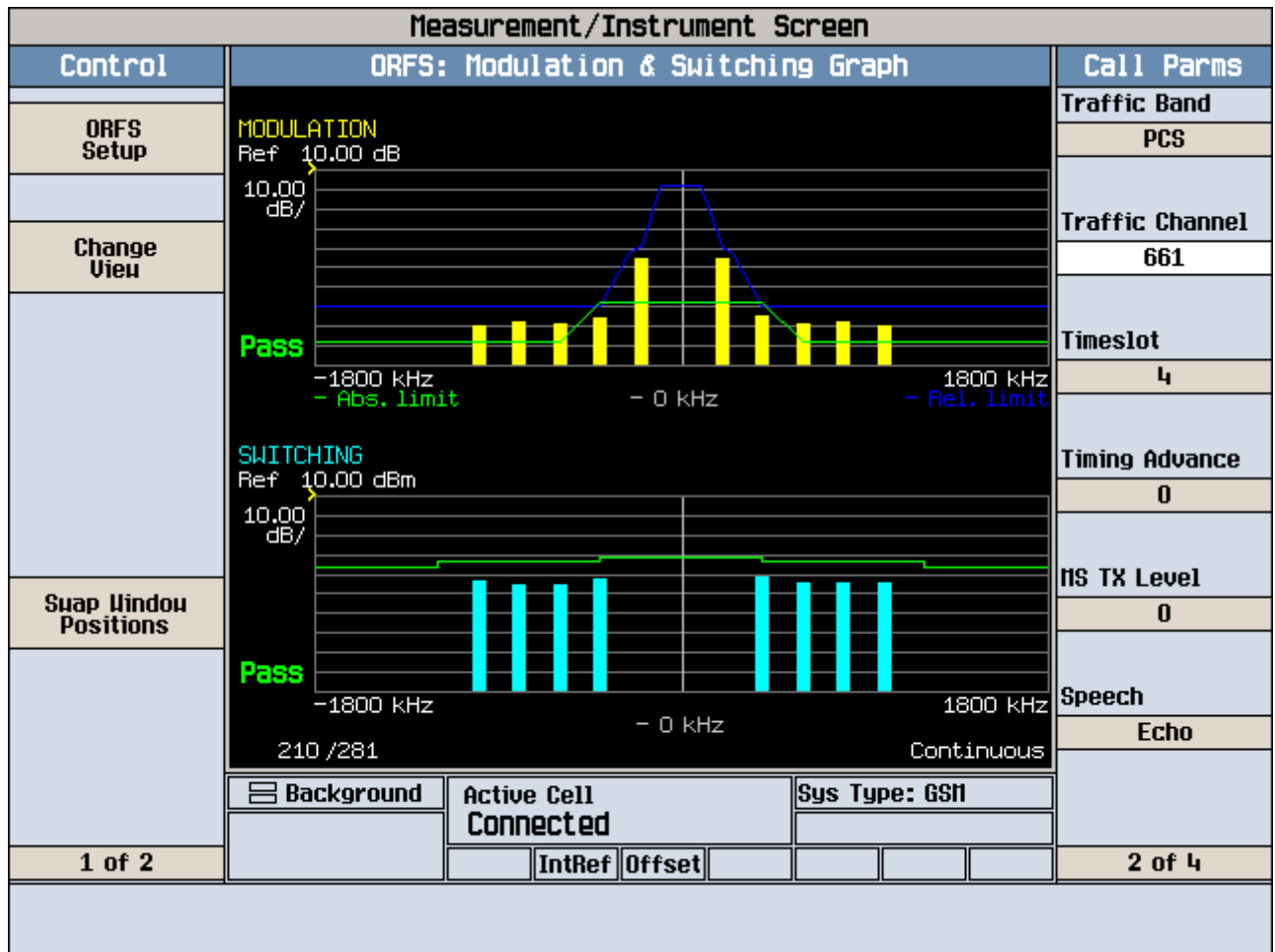
■ Modulation & Switching Graph (GSM850 251 CH)



■ Modulation & Switching Graph (GSM1900 512 CH)



■ Modulation & Switching Graph (GSM1900 661 CH)



■ Modulation & Switching Graph (GSM1900 810 CH)

