

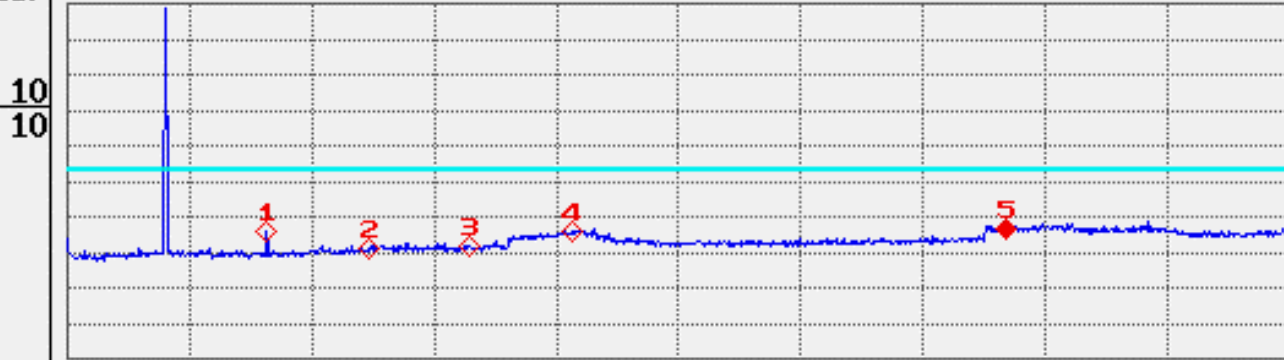
ATTACHMENT D – TEST PLOTS

■ GSM850 MODE (128 CH.) Conducted Spurious

SP-210 (CH:128)

REF 33.0 dBm DL -13.0 dBm MKR 7.672 GHz
10 dB/ *A_Max Posi B_Blank Norm -30.50 dBm

LOF



START 10 MHz

STOP 10.000 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 150 ms

ATT 30 dB

Multi Marker List

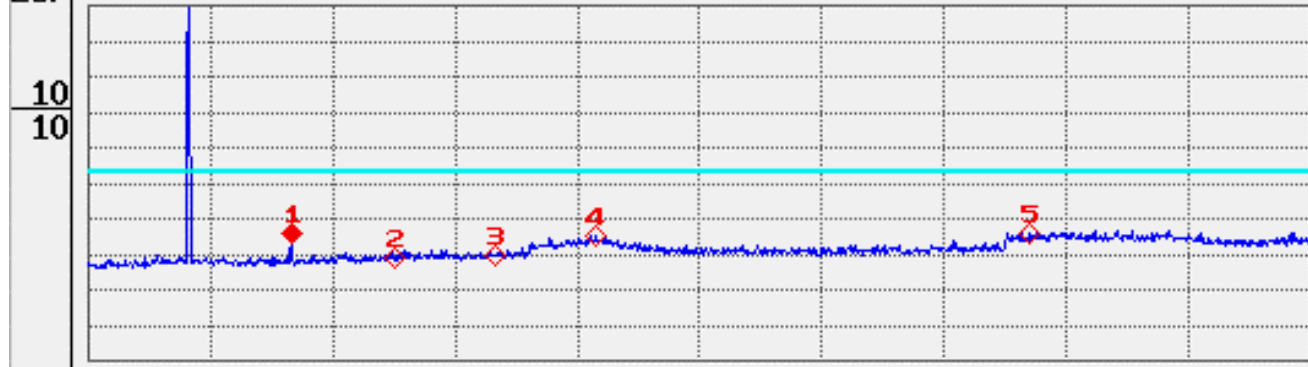
1:	1.638 GHz	-31.35 dBm
2:	2.478 GHz	-36.28 dBm
3:	3.297 GHz	-35.21 dBm
4:	4.136 GHz	-31.28 dBm
5:	7.672 GHz	-30.50 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (190 CH.) Conducted Spurious

SP-210 (CH:190)

REF 33.0 dBm DL -13.0 dBm MKR 1.668 GHz
10 dB/ *A_Max Posi B_Blank Norm -31.09 dBm

LOF



START 10 MHz STOP 10.000 GHz

*RBW 1 MHz *VBW 1 MHz SWP 150 ms ATT 30 dB

Multi Marker List

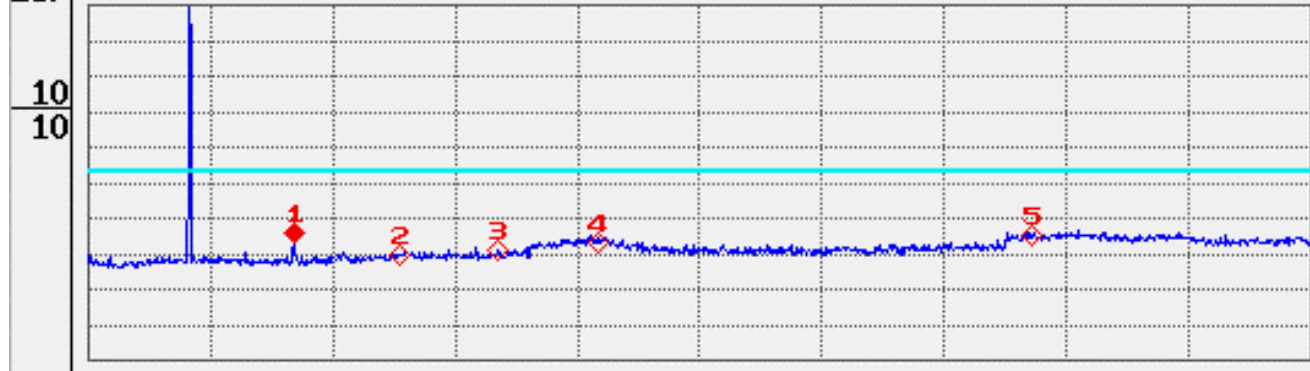
1:	1.668 GHz	-31.09 dBm
2:	2.507 GHz	-37.82 dBm
3:	3.337 GHz	-37.30 dBm
4:	4.156 GHz	-31.98 dBm
5:	7.692 GHz	-31.34 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM850 MODE (251 CH.) Conducted Spurious

SP-210 (CH:251)

REF 33.0 dBm DL -13.0 dBm MKR 1.688 GHz
10 dB/ *A_Max Posi B_Blank Norm -30.93 dBm

LOF



START 10 MHz STOP 10.000 GHz
*RBW 1 MHz *VBW 1 MHz SWP 150 ms ATT 30 dB

Multi Marker List

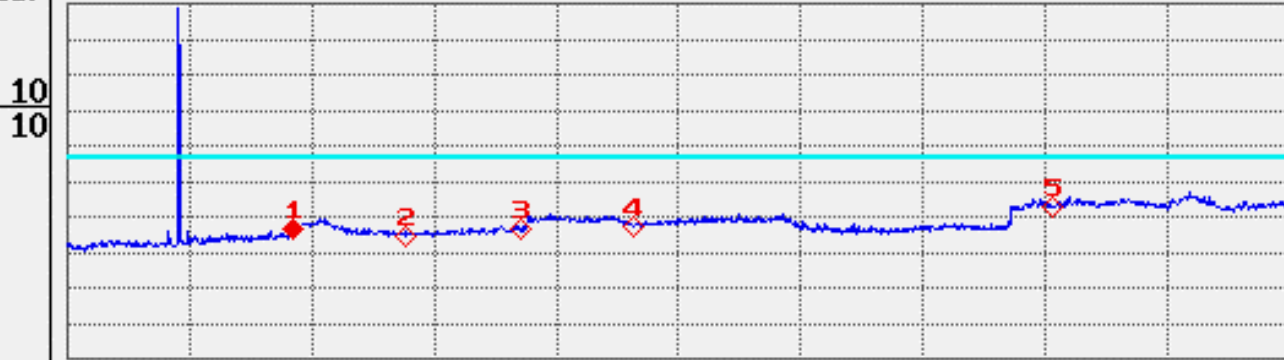
1:	1.688 GHz	-30.93 dBm
2:	2.547 GHz	-37.09 dBm
3:	3.357 GHz	-36.26 dBm
4:	4.176 GHz	-33.79 dBm
5:	7.722 GHz	-31.75 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (512 CH.) Conducted Spurious

SP-210 (CH:512)

REF 30.0 dBm DL -13.0 dBm MKR 3.69 GHz
10 dB/ *A_Max Norm B_Blank Norm -33.42 dBm

LOF



START 10 MHz STOP 20.00 GHz

*RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 30 dB

Multi Marker List

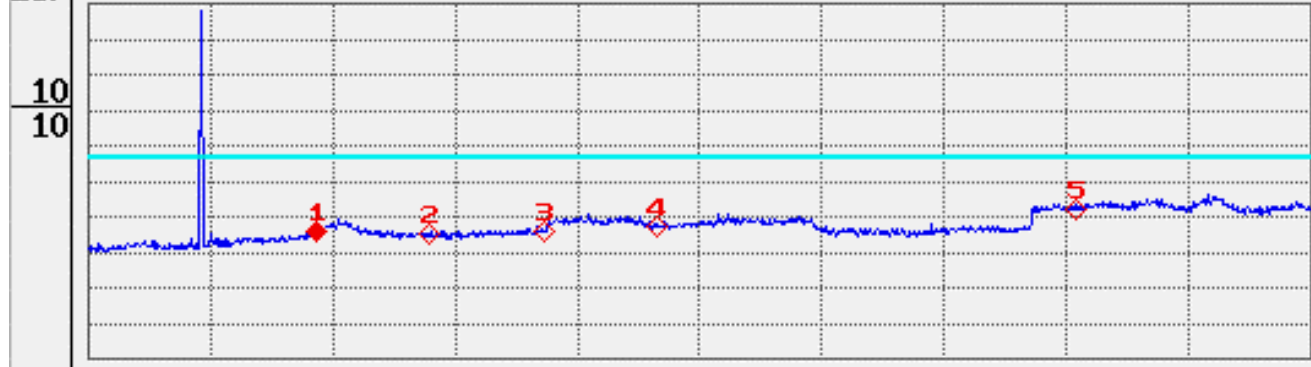
1:	3.69 GHz	-33.42 dBm
2:	5.53 GHz	-35.22 dBm
3:	7.43 GHz	-33.55 dBm
4:	9.27 GHz	-32.51 dBm
5:	16.10 GHz	-27.38 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (661 CH.) Conducted Spurious

SP-210 (CH:661)

REF 30.0 dBm DL -13.0 dBm MKR 3.73 GHz
10 dB/ *A_Max Norm B_Blank Norm -33.92 dBm

LOF



START 10 MHz STOP 20.00 GHz

*RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 30 dB

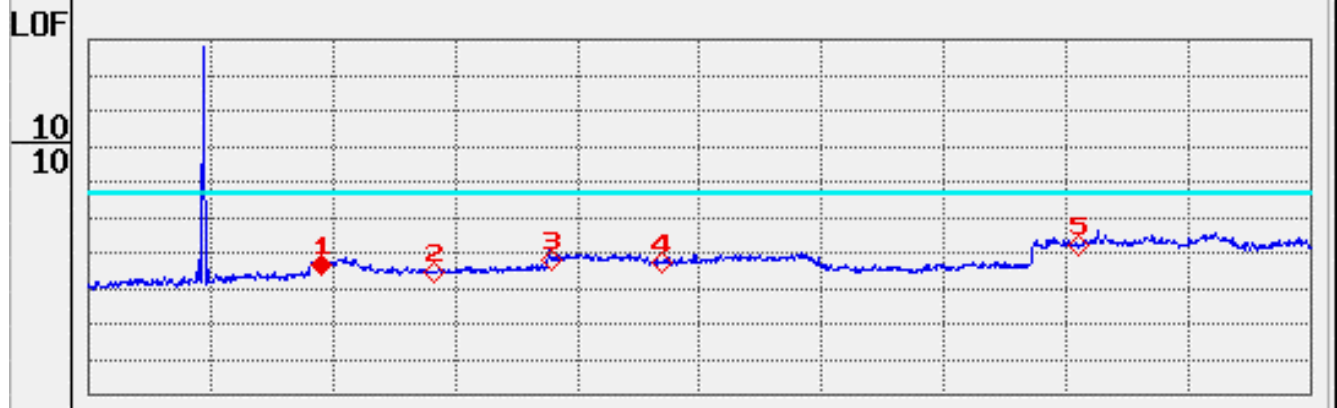
Multi Marker List

1:	3.73 GHz	-33.92 dBm
2:	5.59 GHz	-34.70 dBm
3:	7.47 GHz	-34.22 dBm
4:	9.31 GHz	-32.84 dBm
5:	16.14 GHz	-27.70 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

■ GSM1900 MODE (810 CH.) Conducted Spurious

SP-210 (CH:810)

REF 30.0 dBm DL -13.0 dBm MKR 3.81 GHz
10 dB/ *A_Max Norm B_Blank Norm -33.43 dBm



START 10 MHz STOP 20.00 GHz
*RBW 1 MHz *VBW 1 MHz SWP 300 ms ATT 30 dB

Multi Marker List

1:	3.81 GHz	-33.43 dBm
2:	5.65 GHz	-35.47 dBm
3:	7.57 GHz	-31.79 dBm
4:	9.37 GHz	-32.52 dBm
5:	16.20 GHz	-27.93 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

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

SP-210 (CH:128)

REF 33.0 dBm

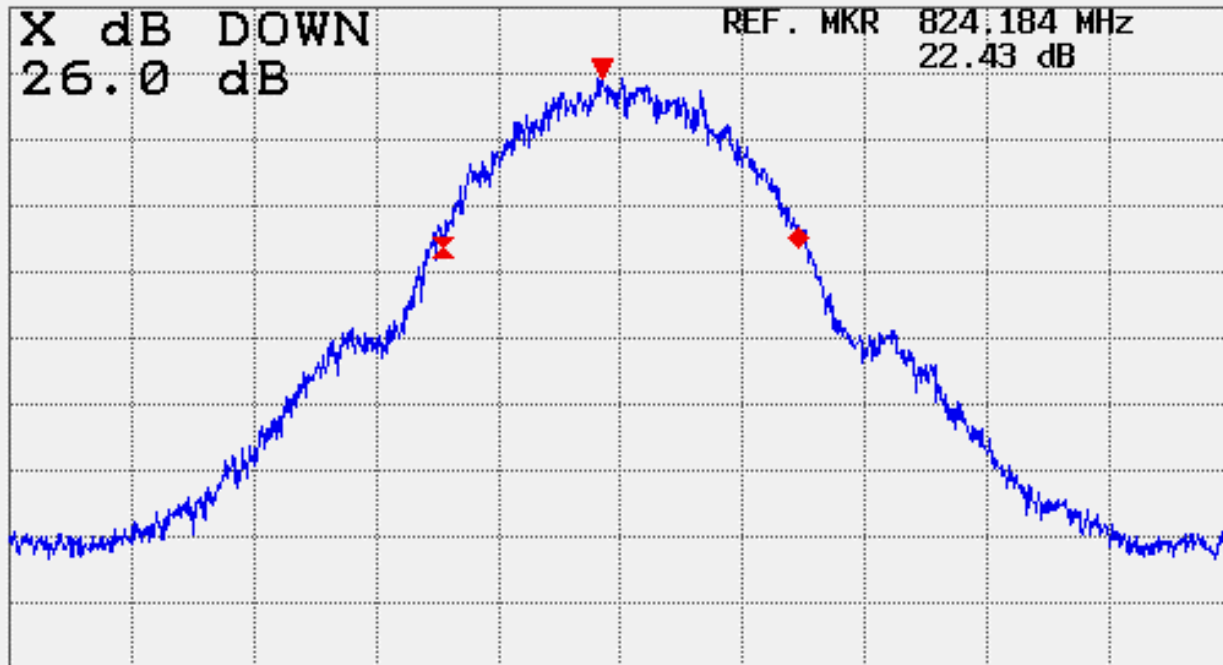
MKRA 291 kHz

10 dB/ *A_PwAvg Posi

1.52 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 824.184 MHz
22.43 dB


CENTER 824.200 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SMP 5.0 s

ATT 30 dB

OBW (GSM850: BTS Link)

	Frequency	OBW (99.00%)	Judge
Low :	824.076 MHz	245.0 kHz	PASS
High:	824.321 MHz		

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

SP-210 (CH:190)

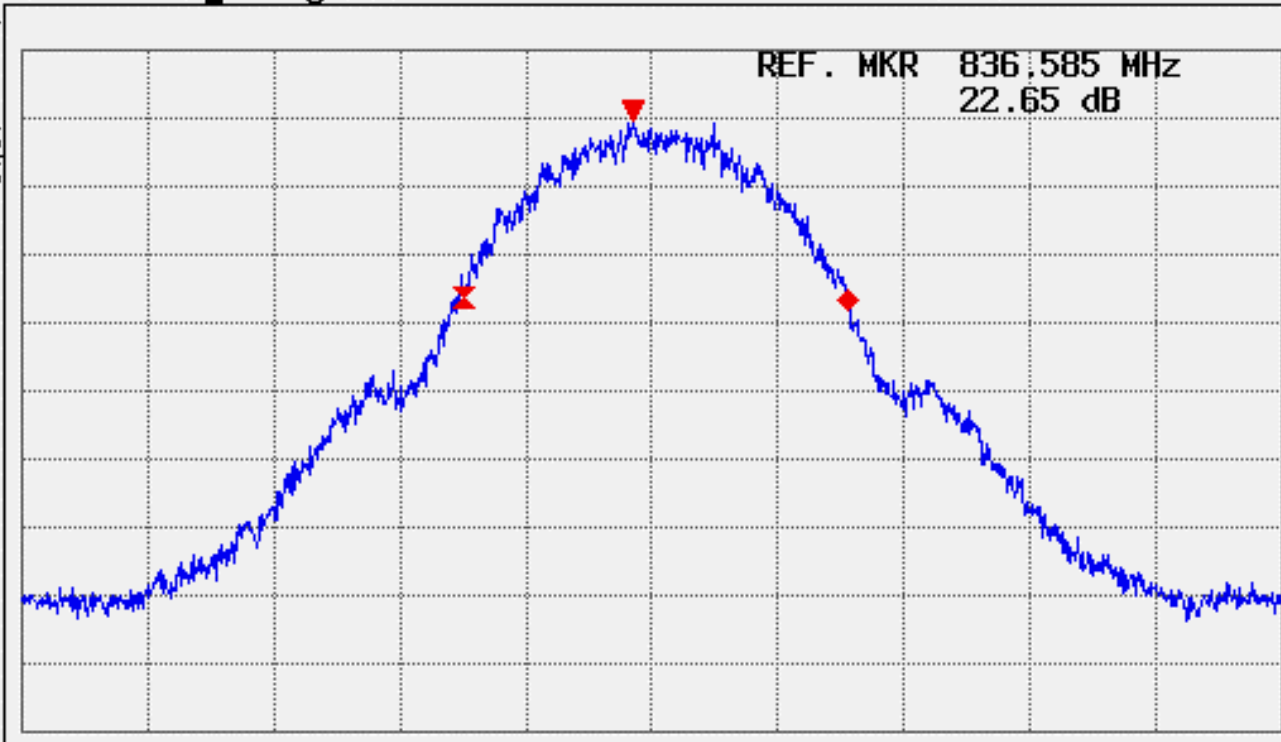
REF 33.0 dBm

MKRA 305 kHz

10 dB/ *A_PwAvg Pos i

-0.09 dB

LOF



CENTER 836.600 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (GSM850: BTS Link)

	Frequency	OBW (99.00%)	Judge
Low :	836.476 MHz	244.0 kHz	PASS
High:	836.720 MHz		

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

SP-210 (CH:251)

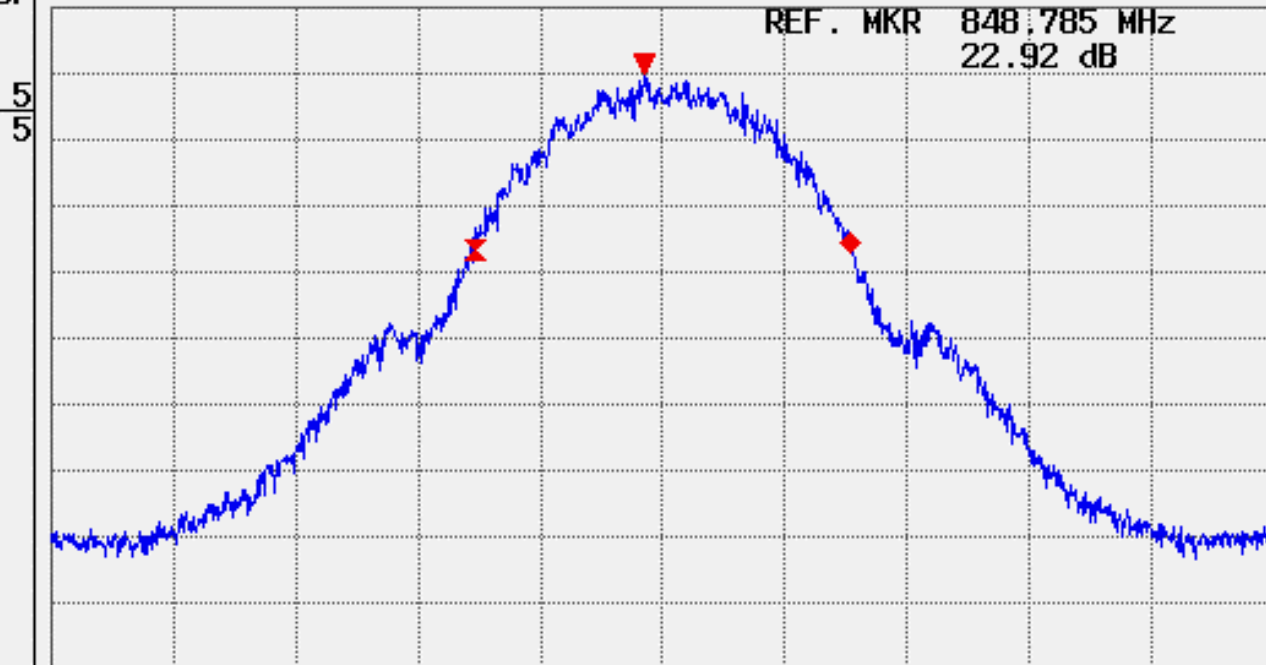
REF 33.0 dBm

MKRA 308 kHz

10 dB/ *A_PwAvg Posi

1.19 dB

LOF



CENTER 848.800 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (GSM850: BTS Link)

	Frequency	OBW (99.00%)	Judge
Low :	848.676 MHz	246.0 kHz	PASS
High:	848.922 MHz		

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

SP-210 (CH:512)

REF 30.0 dBm

MKRA 298 kHz

10 dB/ *A_PwAvg Pos i

0.74 dB

LOF

X dB DOWN

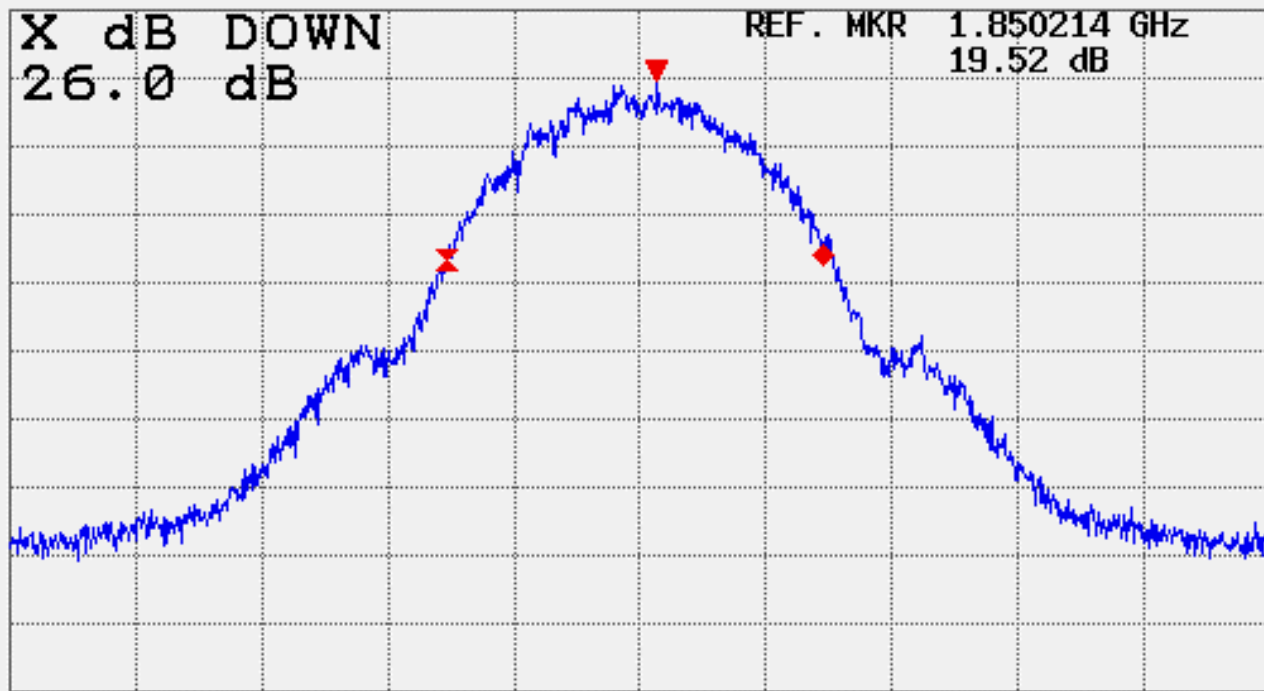
REF. MKR 1.850214 GHz

26.0 dB

19.52 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: BTS Link)

Frequency

OBW (99.00%)

Judge

Low : 1.850075 GHz

247.0 kHz

PASS

High: 1.850322 GHz

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

SP-210 (CH:661)

REF 30.0 dBm

MKRA 308 kHz

10 dB/ *A_PwAvg Pos i

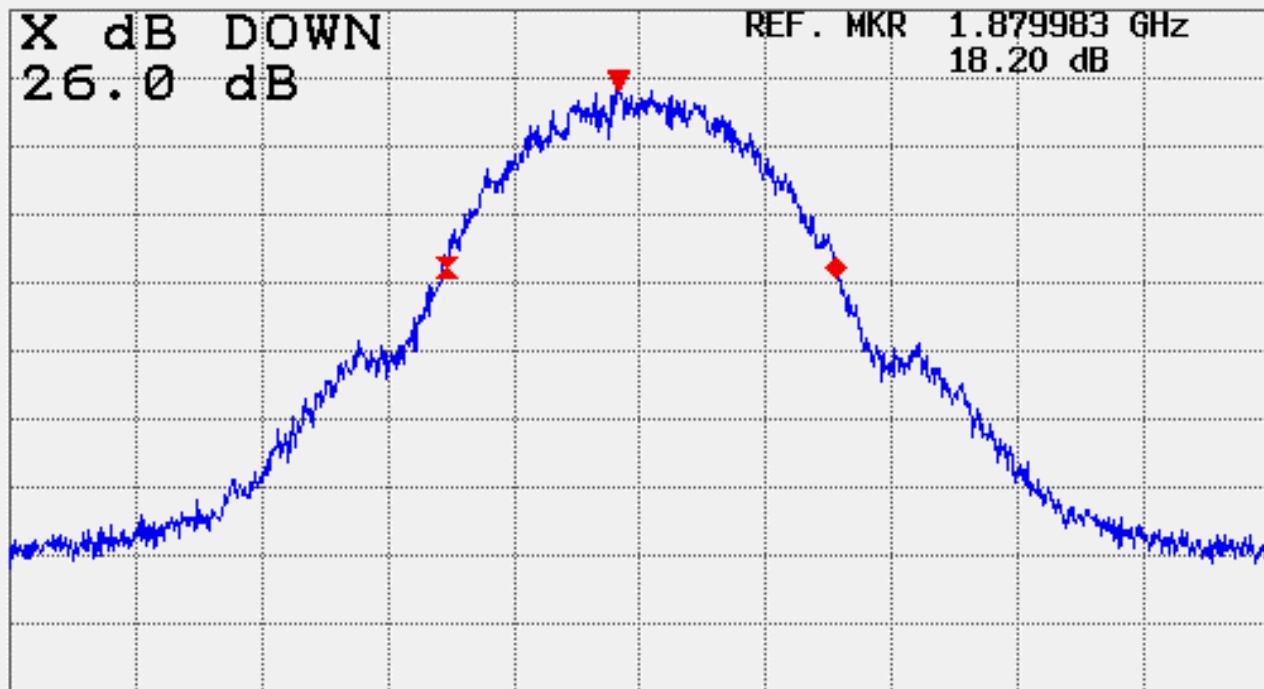
0.02 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.879983 GHz
18.20 dB

5
5



CENTER 1.880000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (PCS1900: BTS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.879875 GHz	245.0 kHz	PASS
High:	1.880120 GHz		

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

SP-210 (CH:810)

REF 30.0 dBm

MKRA 290 kHz

10 dB/ *A_PwAvg Pos i

0.06 dB

LOF

X dB DOWN

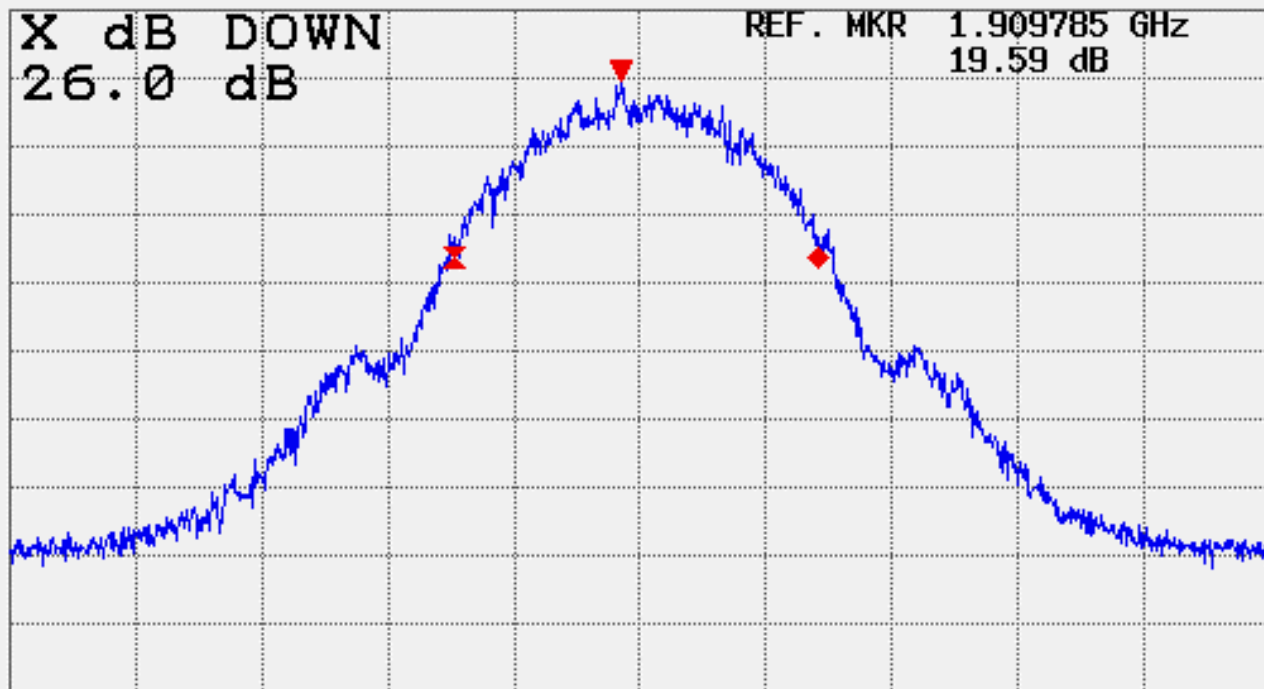
REF. MKR 1.909785 GHz

26.0 dB

19.59 dB

5

5



CENTER 1.909800 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 10 kHz

*SWP 5.0 s

ATT 30 dB

OBW (PCS1900: BTS Link)

	Frequency	OBW (99.00%)	Judge
Low :	1.909675 GHz	247.0 kHz	PASS
High:	1.909922 GHz		

■ GSM Block Edge GSM850 (128 CH.)

SP-210 (CH:128)

REF 33.0 dBm

DL -13.0 dBm

MKR 824.000 MHz

10 dB/

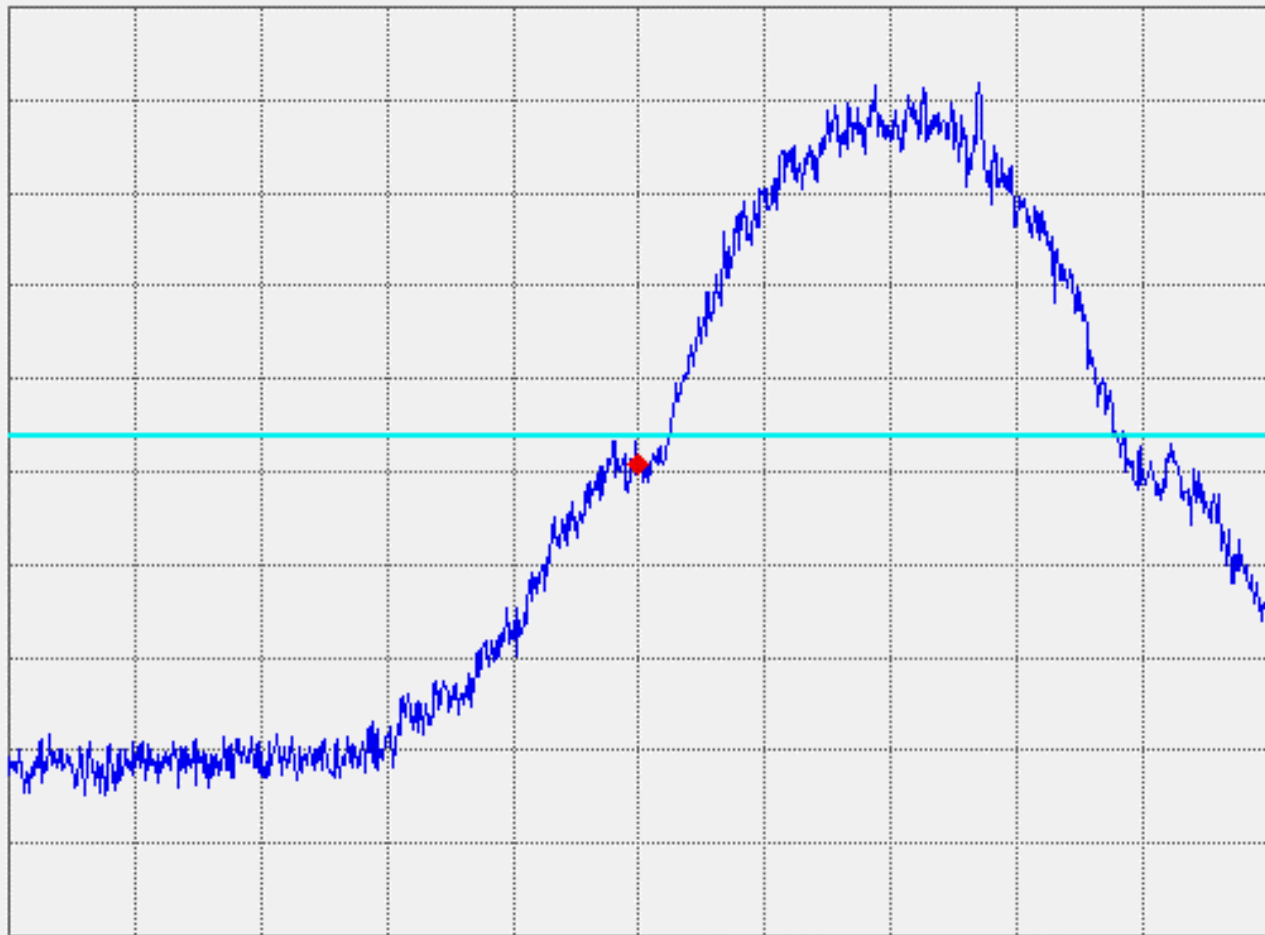
*A_View

Norm

B_Blank Norm

-16.26 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.)

SP-210 (CH:251)

REF 33.0 dBm

DL -13.0 dBm

MKR 849.000 MHz

10 dB/

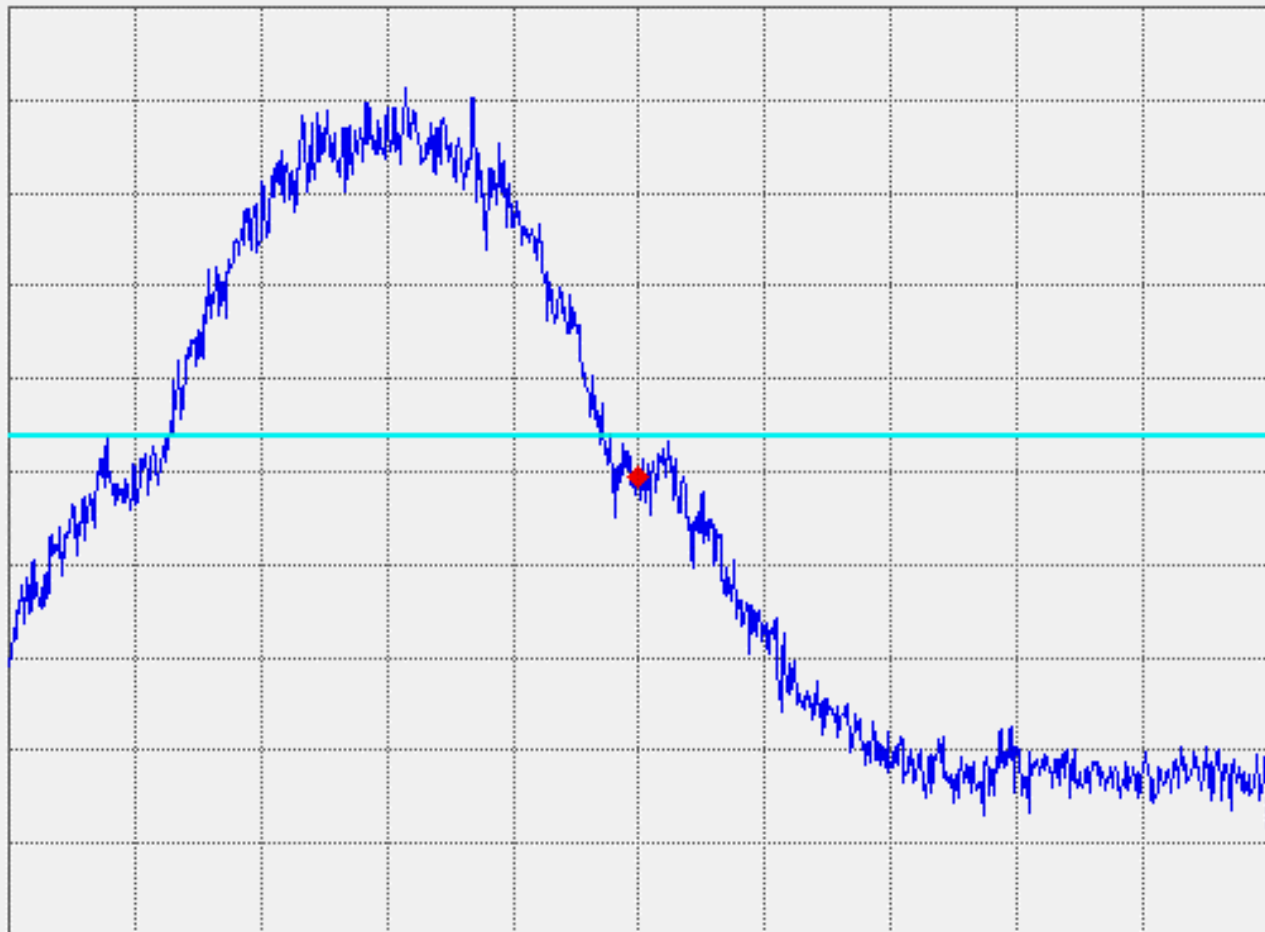
*A_View

Norm

B_Blank Norm

-17.47 dBm

LOF



CENTER 849.000 MHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

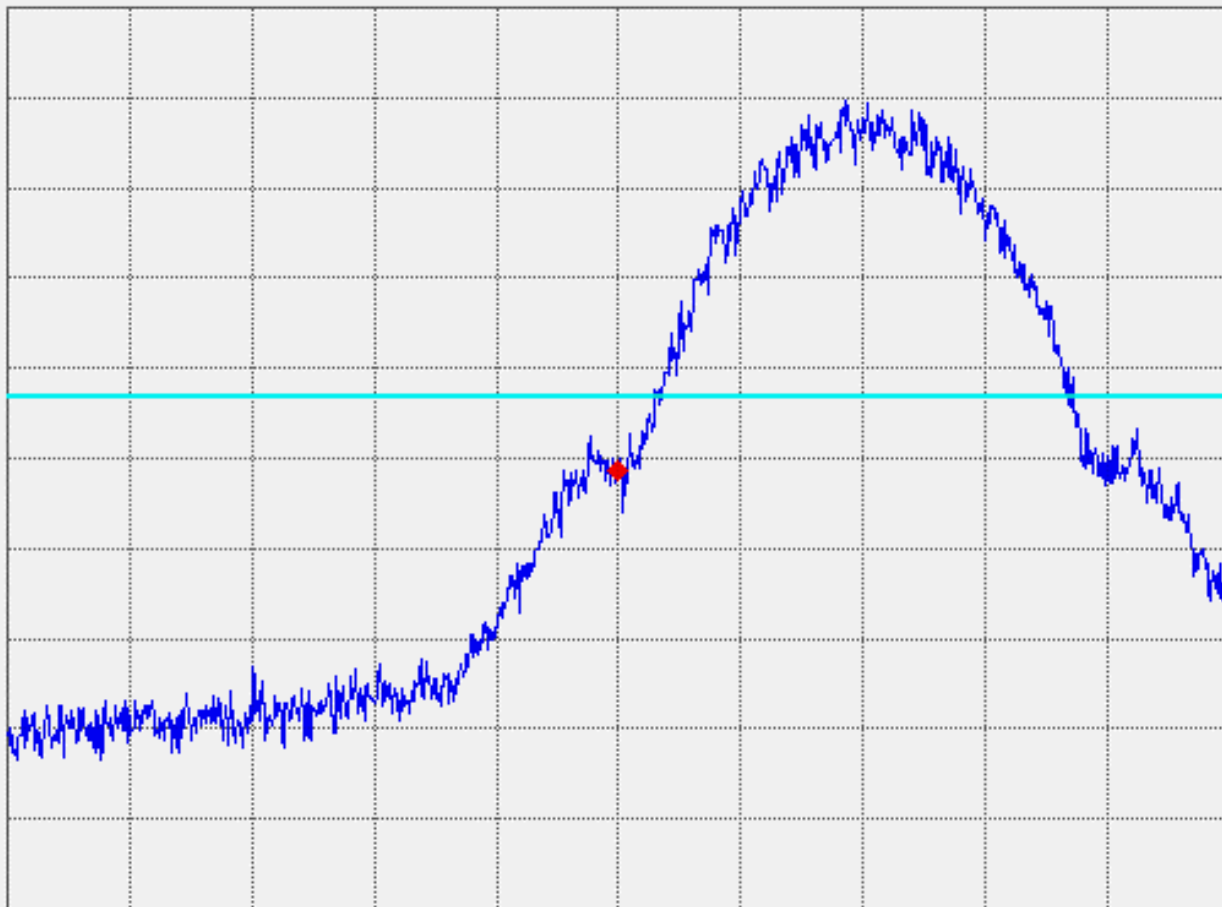
ATT 30 dB

■ GSM Block Edge GSM1900 (512 CH.)

SP-210 (CH:512)

REF 30.0 dBm DL -13.0 dBm MKR 1.850000 GHz
10 dB/ *A_View Norm B_Blank Norm -21.37 dBm

LOF



CENTER 1.850000 GHz

SPAN 1.000 MHz

*RBW 3 kHz

*VBW 3 kHz

SWP 230 ms

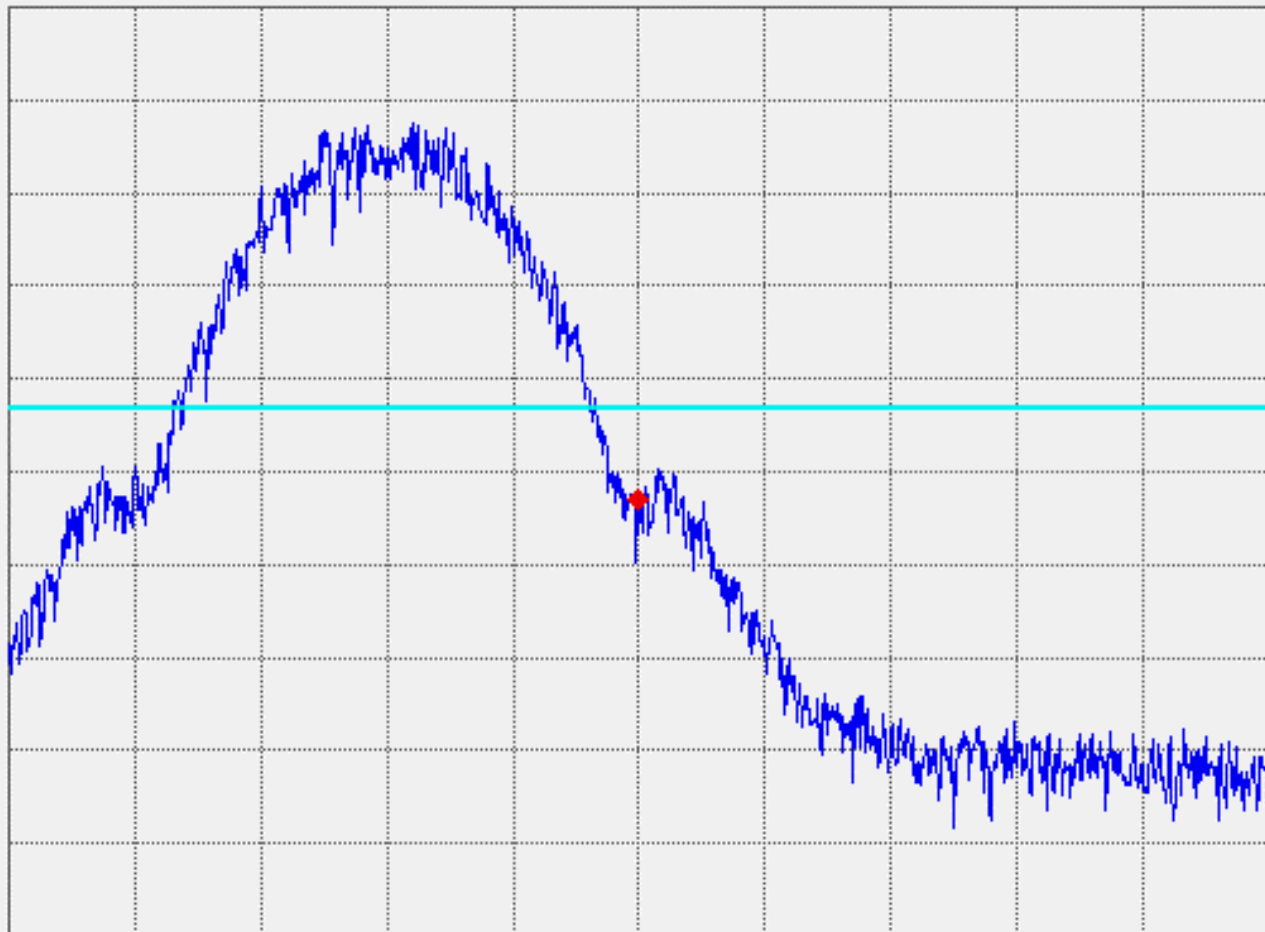
ATT 30 dB

■ GSM Block Edge GSM1900 (810 CH.)

SP-210 (CH:810)

REF 30.0 dBm DL -13.0 dBm MKR 1.910000 GHz
10 dB/ *A_View Norm B_Blank Norm -23.05 dBm

LOF



CENTER 1.910000 GHz

SPAN 1.000 MHz

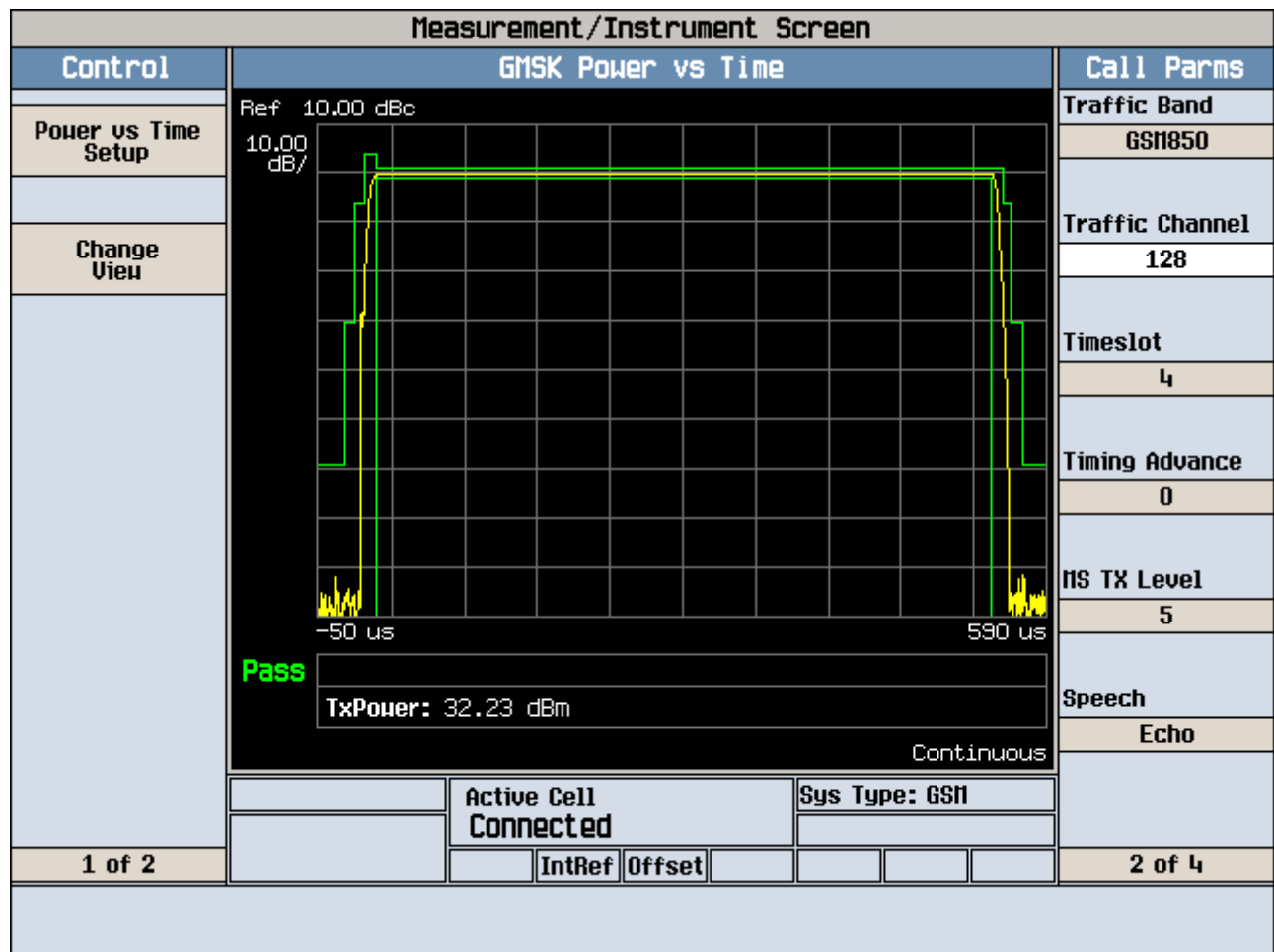
*RBW 3 kHz

*VBW 3 kHz

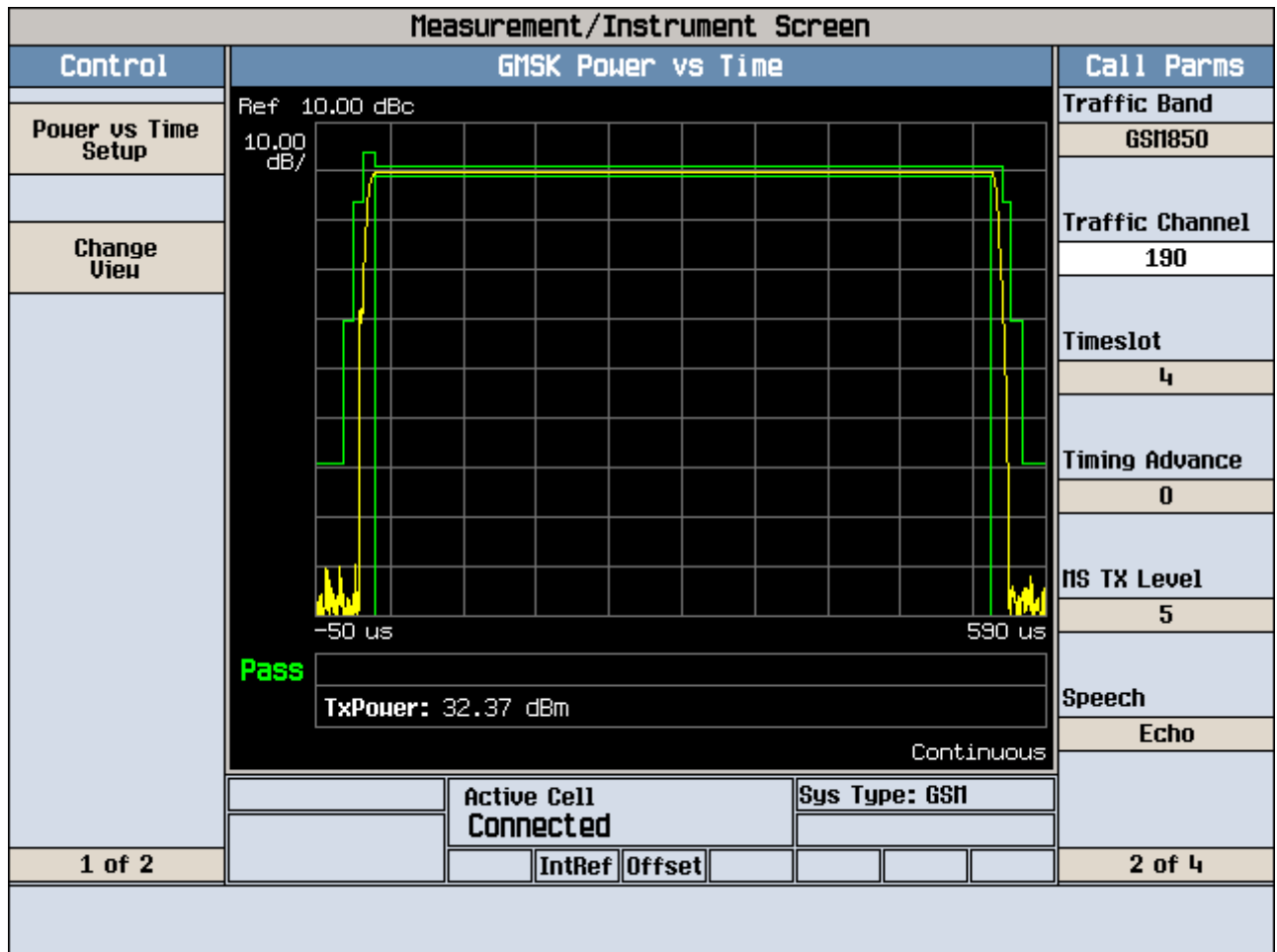
SWP 230 ms

ATT 30 dB

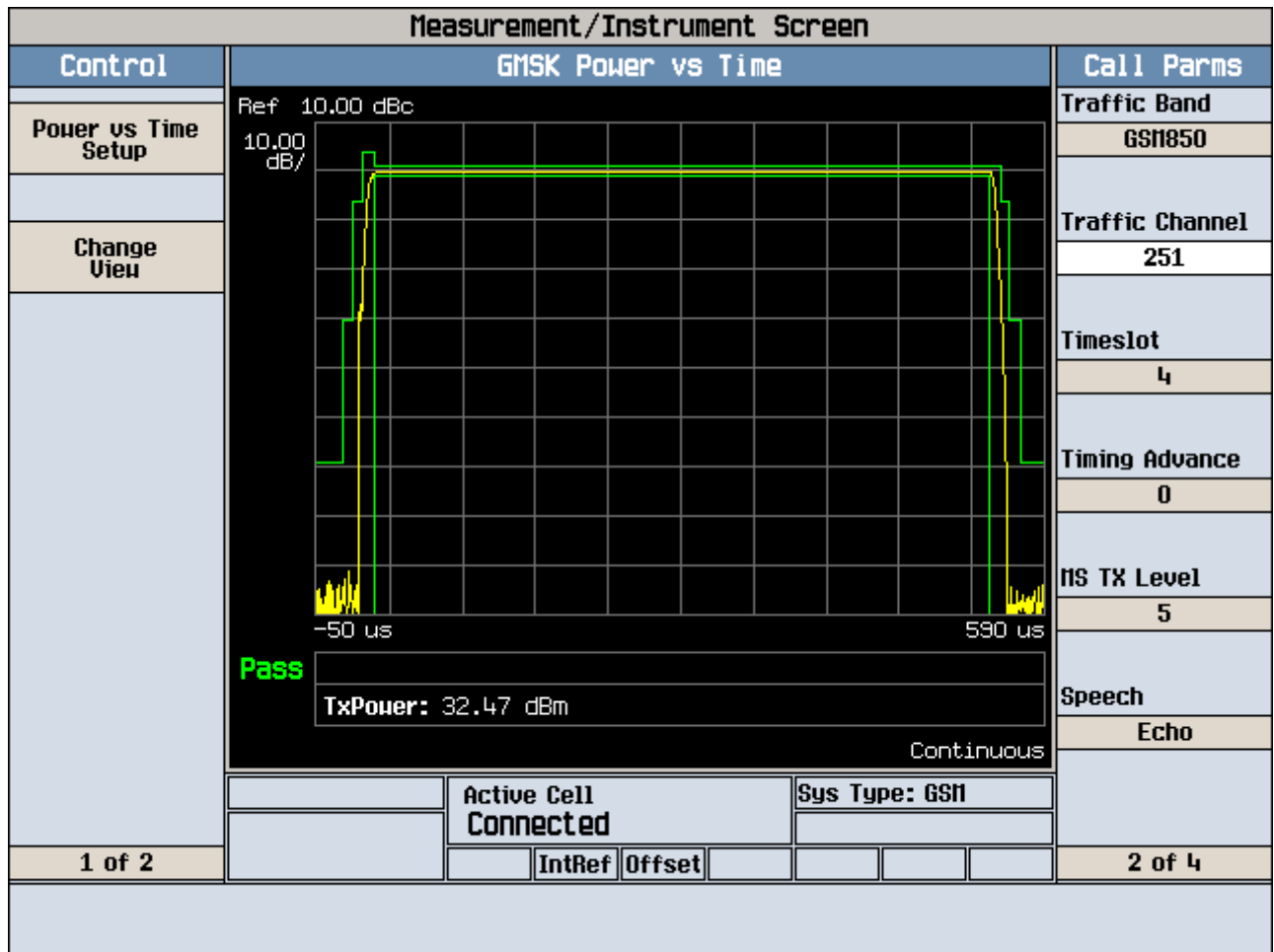
■ Power output conducted (GSM850 128 CH)



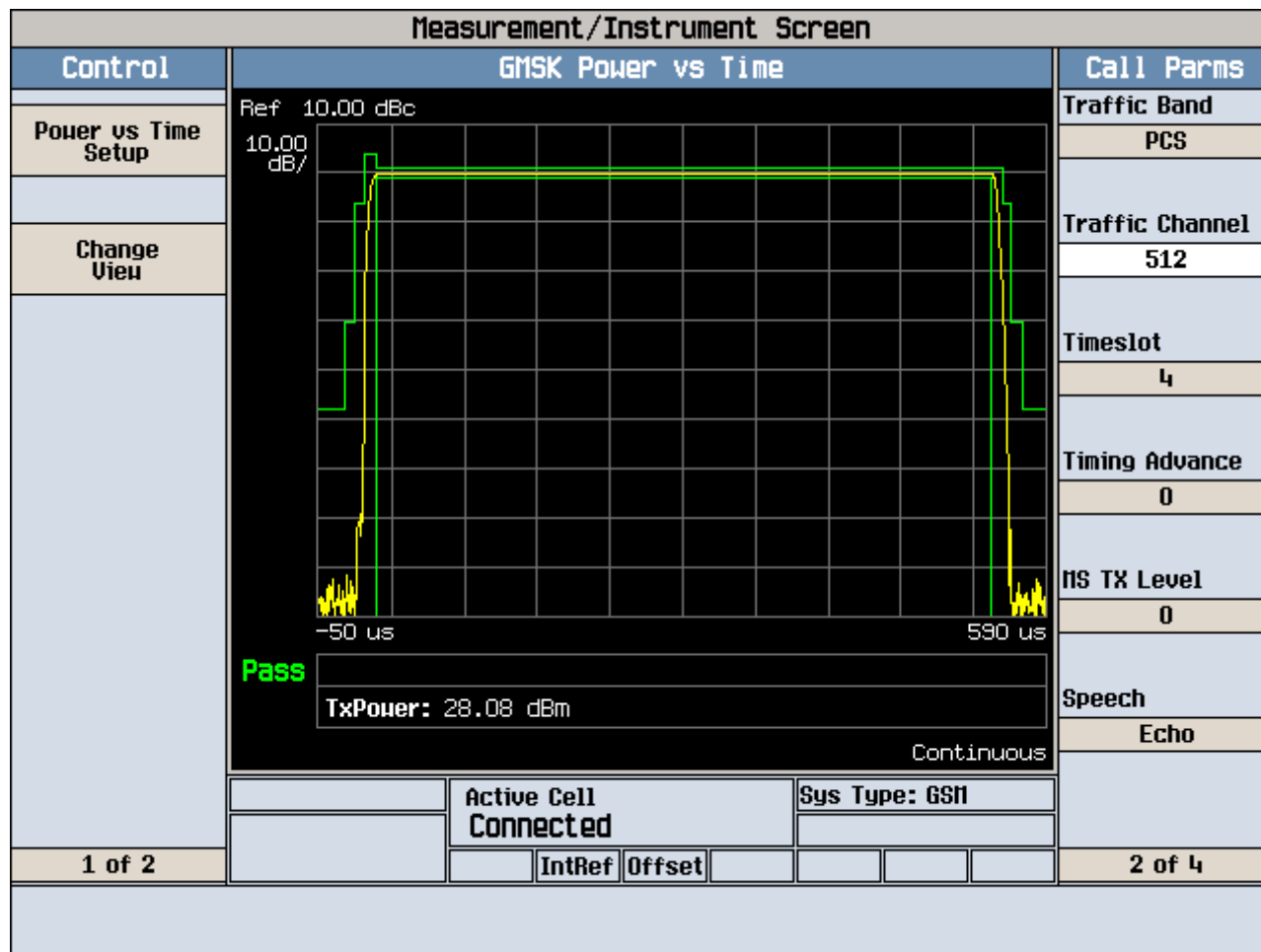
■ Power output conducted (GSM850 190 CH)



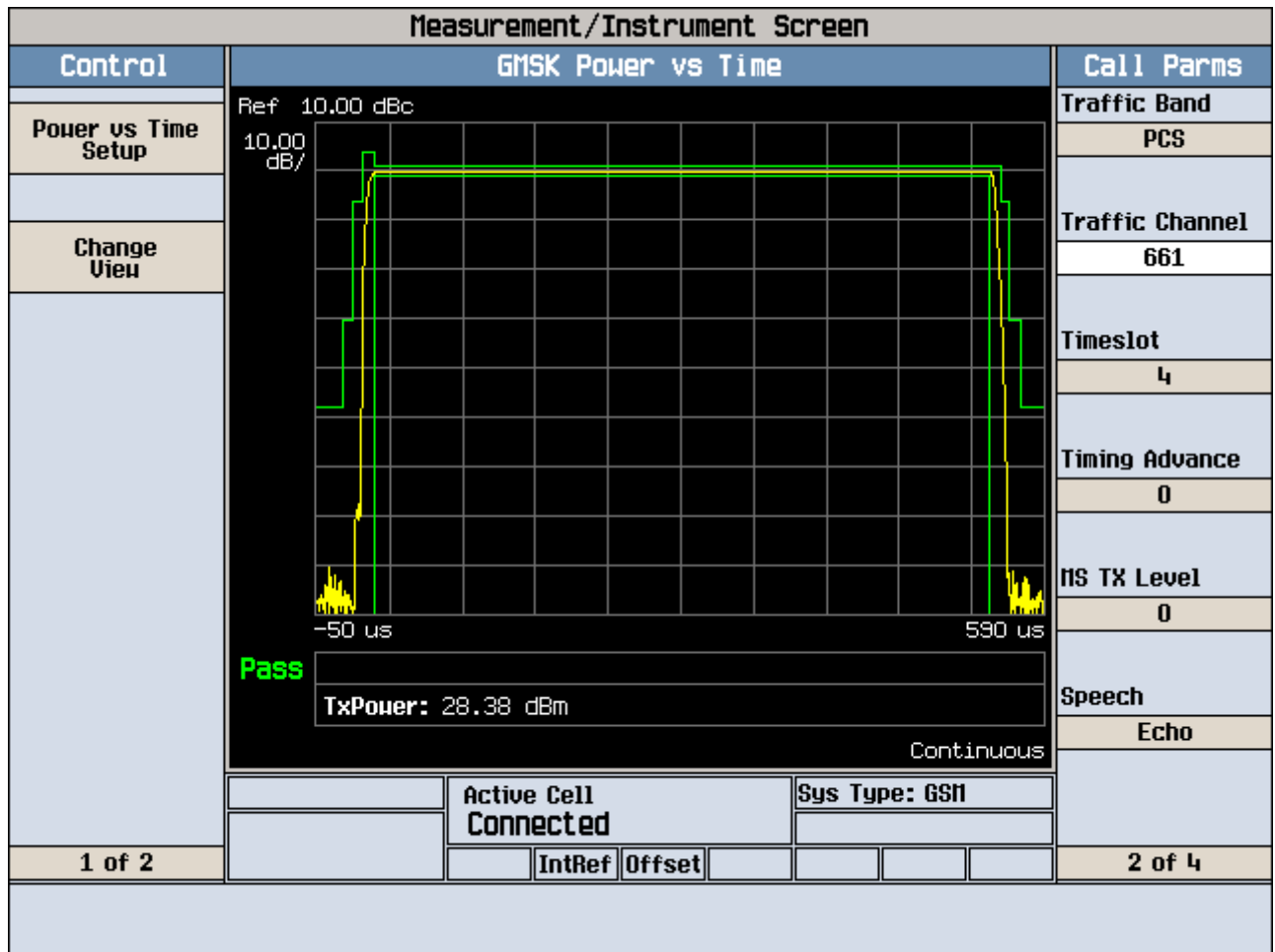
■ Power output conducted (GSM850 251 CH)



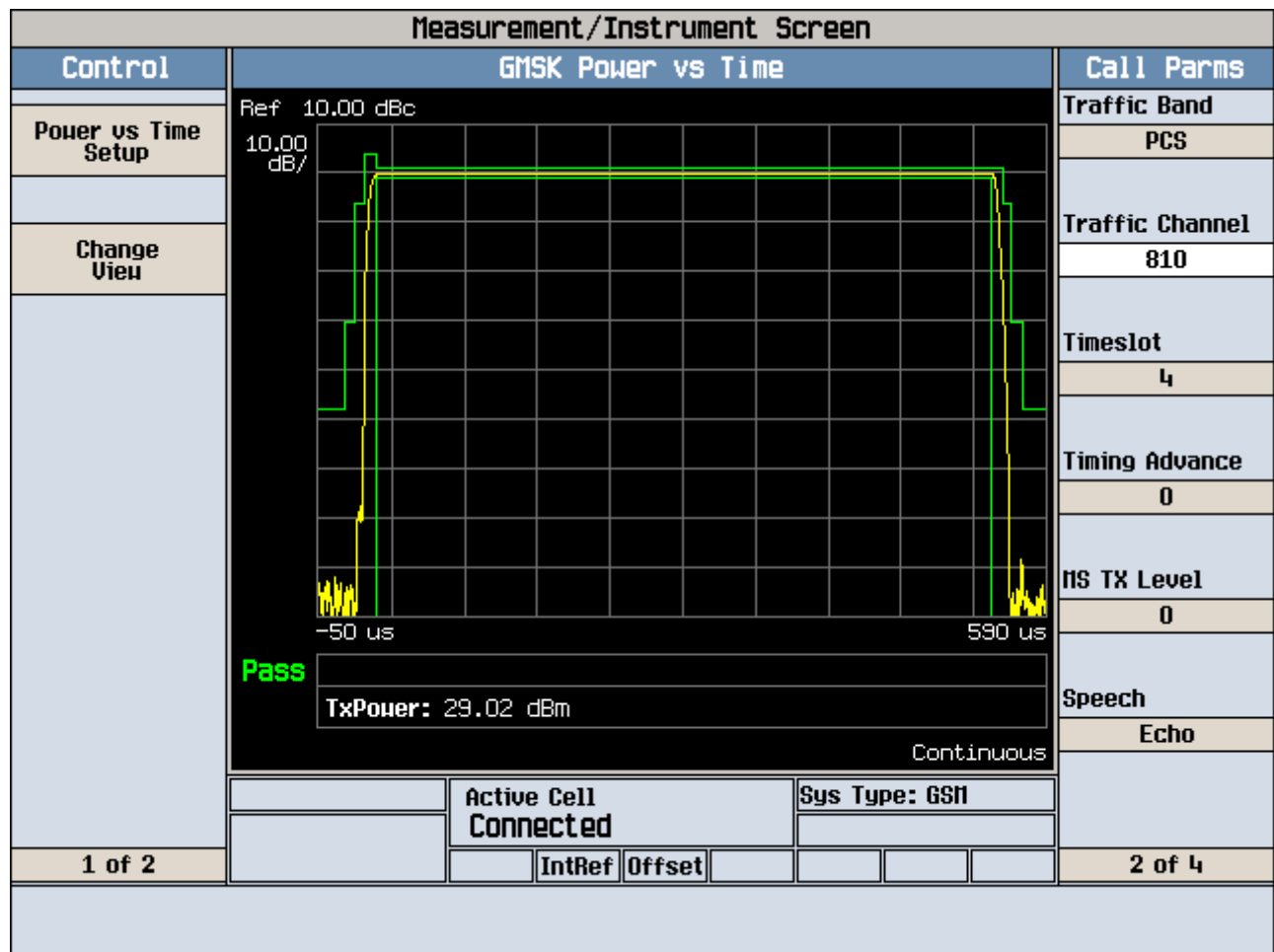
■ Power output conducted (GSM1900 512 CH)



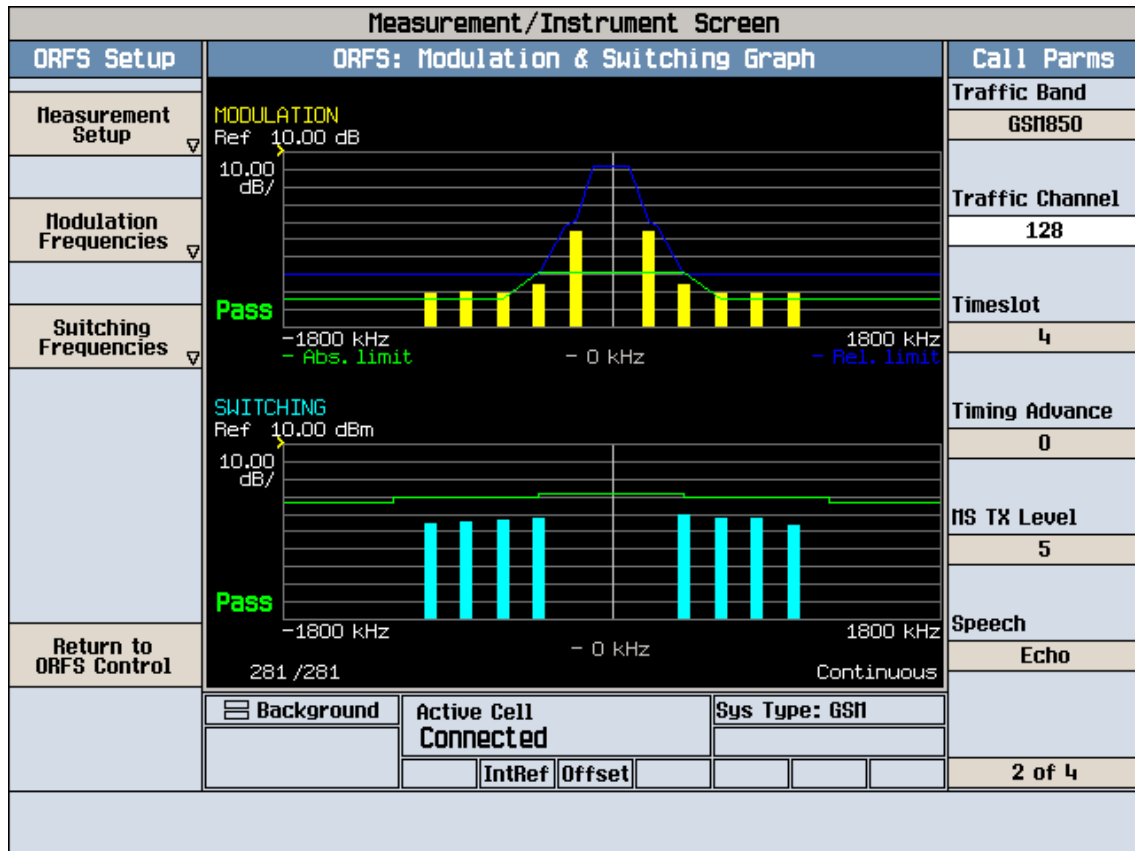
Power output conducted (GSM1900 661 CH)



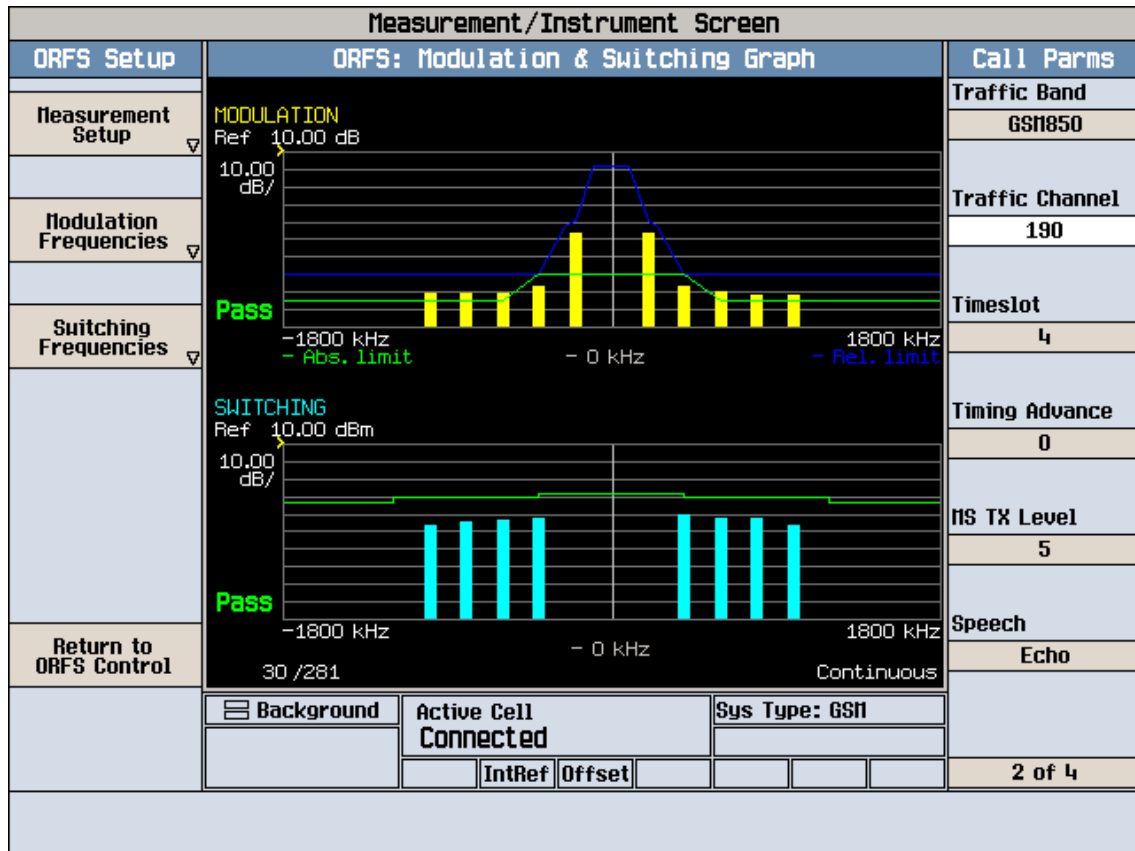
■ Power output conducted (GSM1900 810 CH)



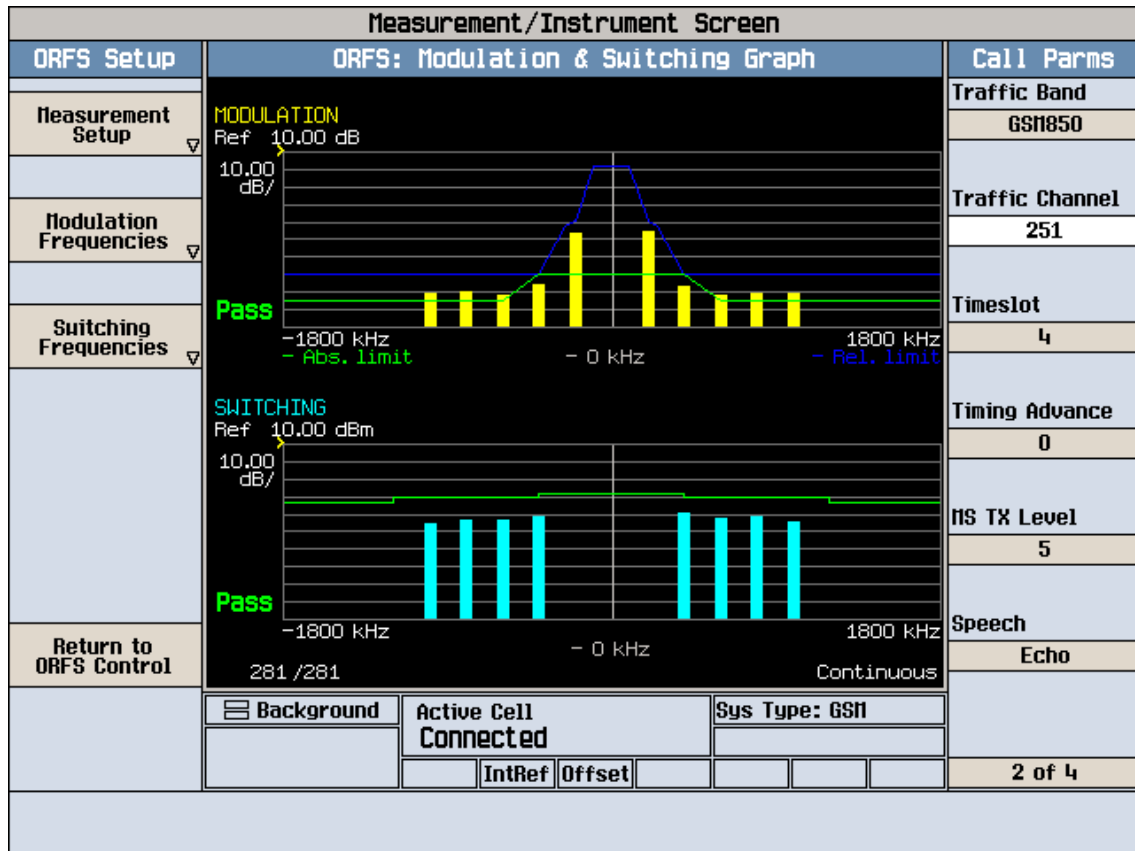
■ Modulation & Switching Graph (GSM850 128 CH)



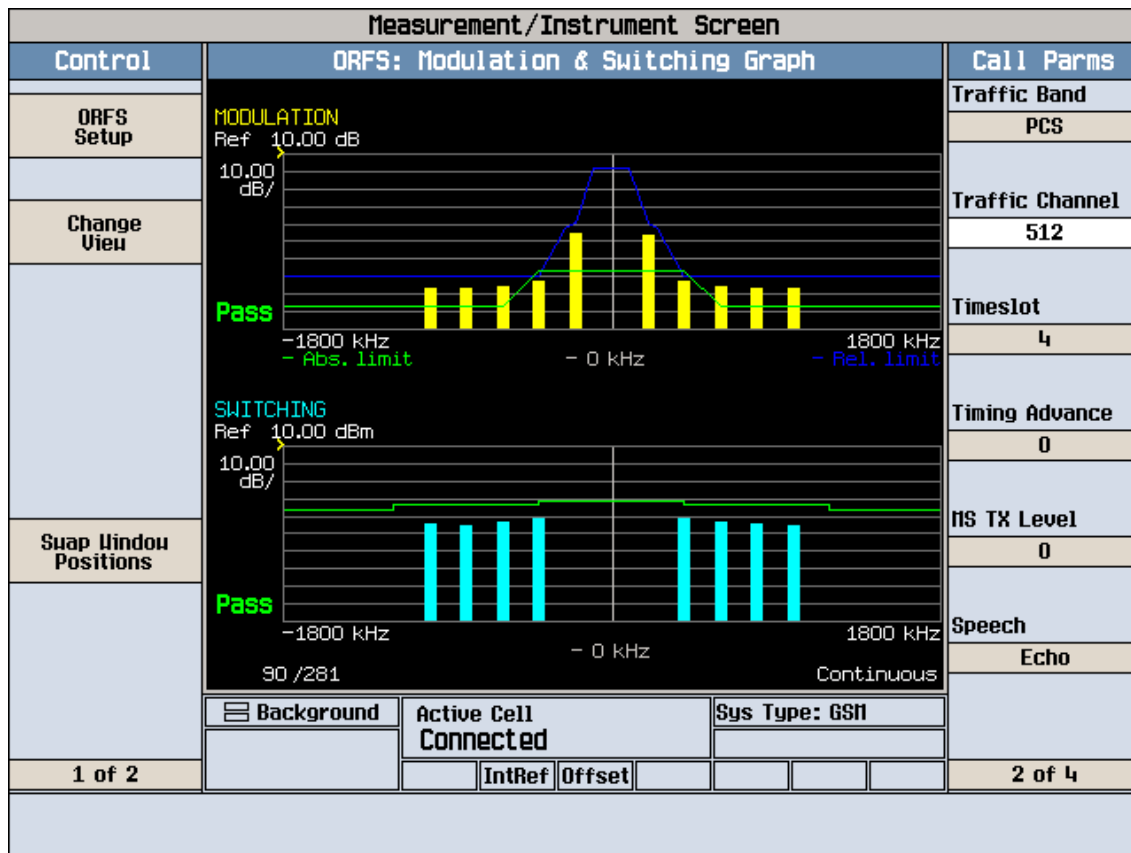
■ Modulation & Switching Graph (GSM850 190 CH)



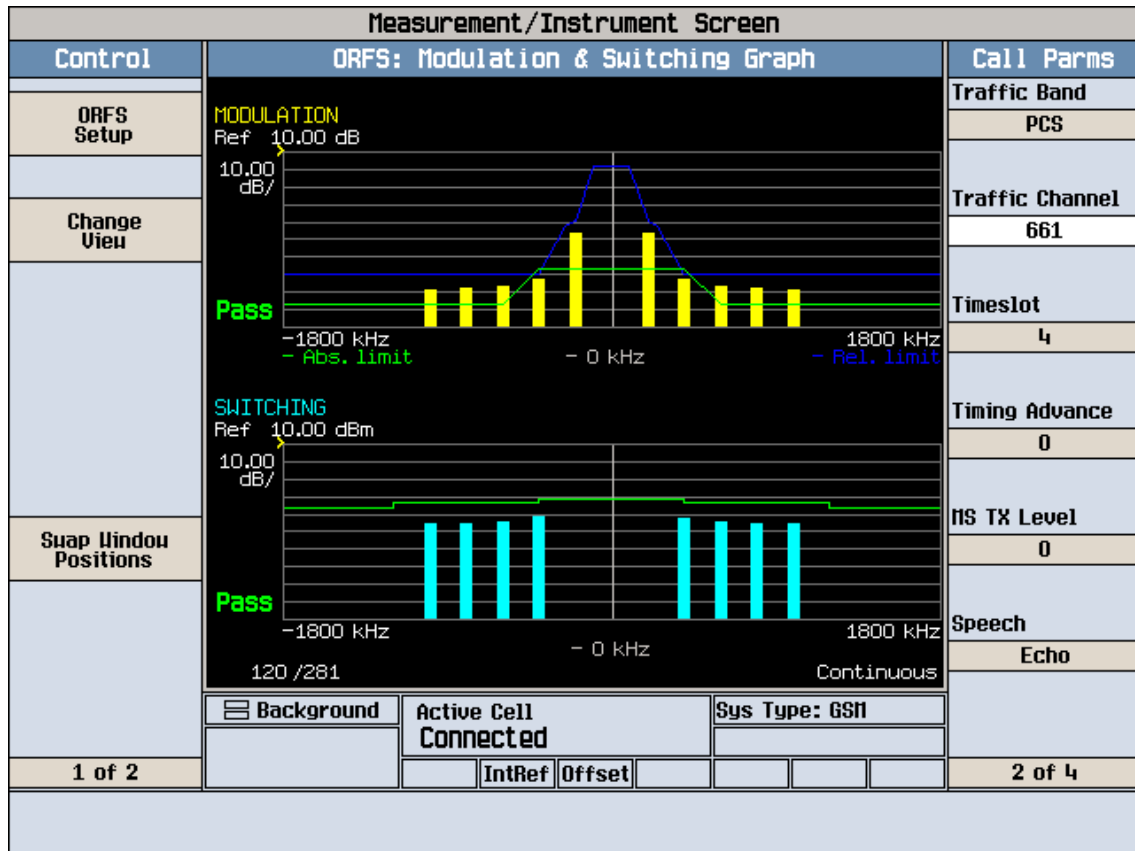
■ Modulation & Switching Graph (GSM850 251 CH)



■ Modulation & Switching Graph (GSM1900 512 CH)



■ Modulation & Switching Graph (GSM1900 661 CH)



■ Modulation & Switching Graph (GSM1900 810 CH)

