

ATTACHMENT D – TEST PLOTS

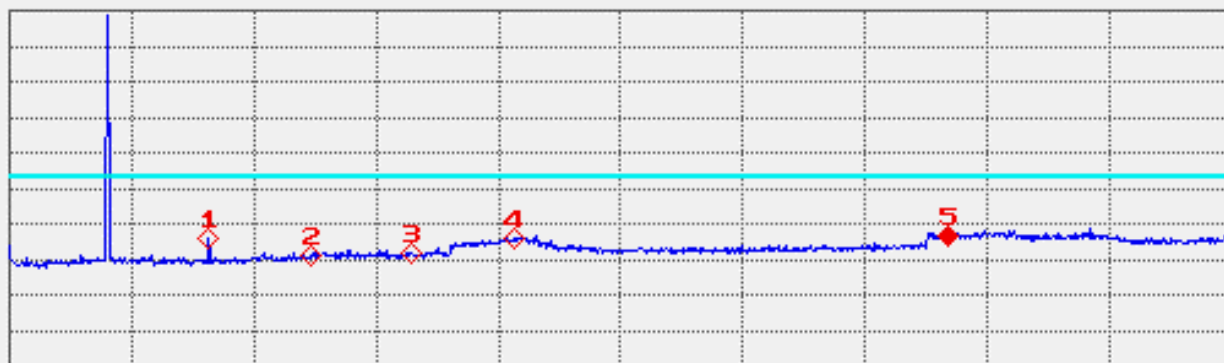
GSM850 MODE (128 CH.) Conducted Spurious

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

10
10



START 10 MHz

STOP 10.000 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 150 ms

ATT 30 dB

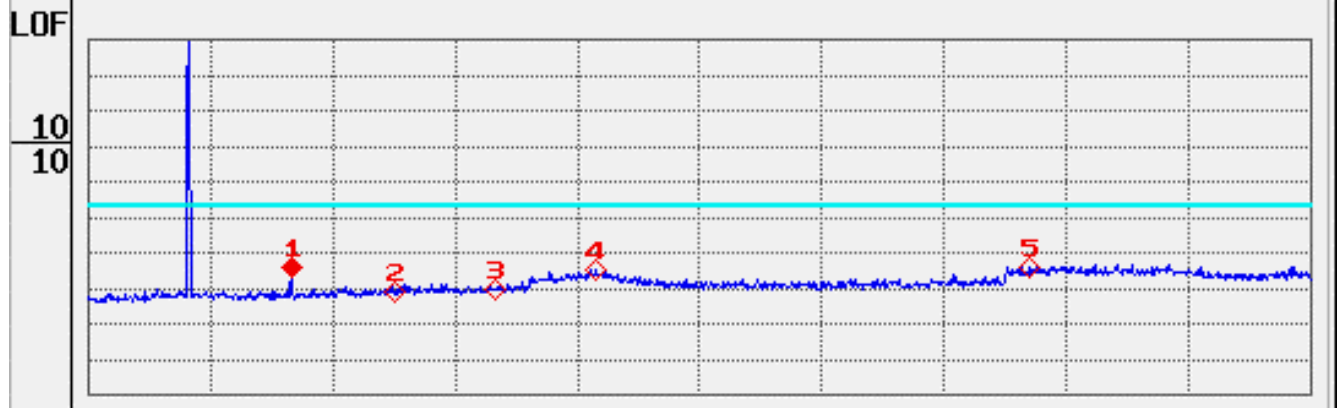
Multi Marker List

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



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

Multi Marker List

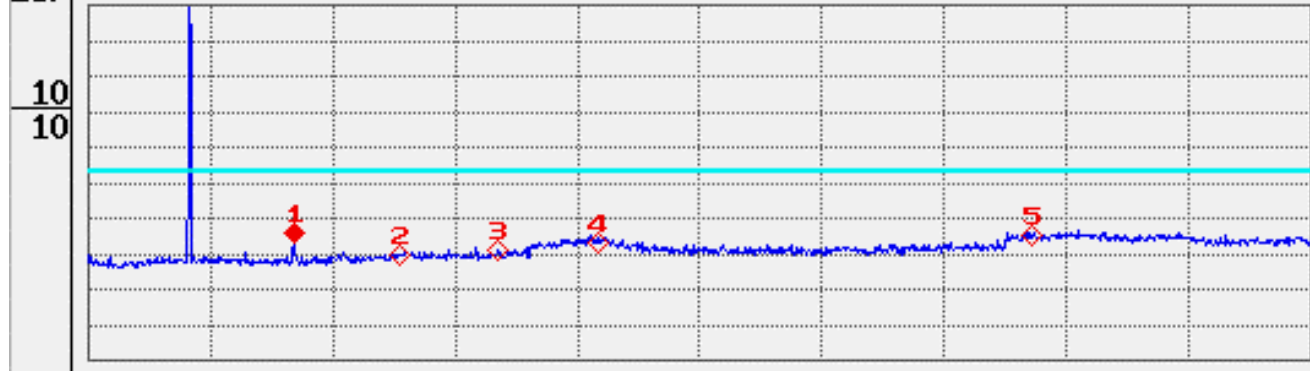
1:	1.668 GHz	-31.09 dBm
2:	2.507 GHz	-37.82 dBm
3:	3.337 GHz	-37.30 dBm
4:	4.156 GHz	-31.98 dBm
5:	7.692 GHz	-31.34 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

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:		

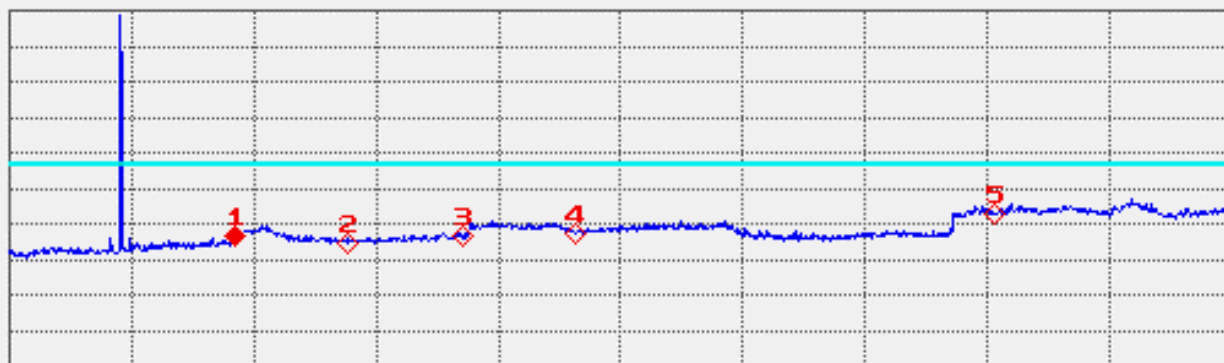
GSM1900 MODE (512 CH.) Conducted Spurious

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

10
10



START 10 MHz

STOP 20.00 GHz

*RBW 1 MHz

*VBW 1 MHz

SWP 300 ms

ATT 30 dB

Multi Marker List

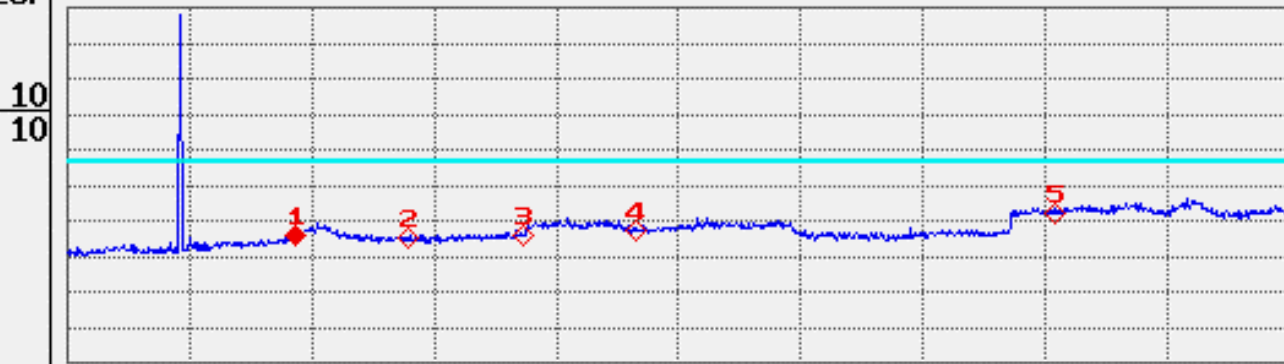
1:	3.69 GHz	-33.42 dBm
2:	5.53 GHz	-35.22 dBm
3:	7.43 GHz	-33.55 dBm
4:	9.27 GHz	-32.51 dBm
5:	16.10 GHz	-27.38 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

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

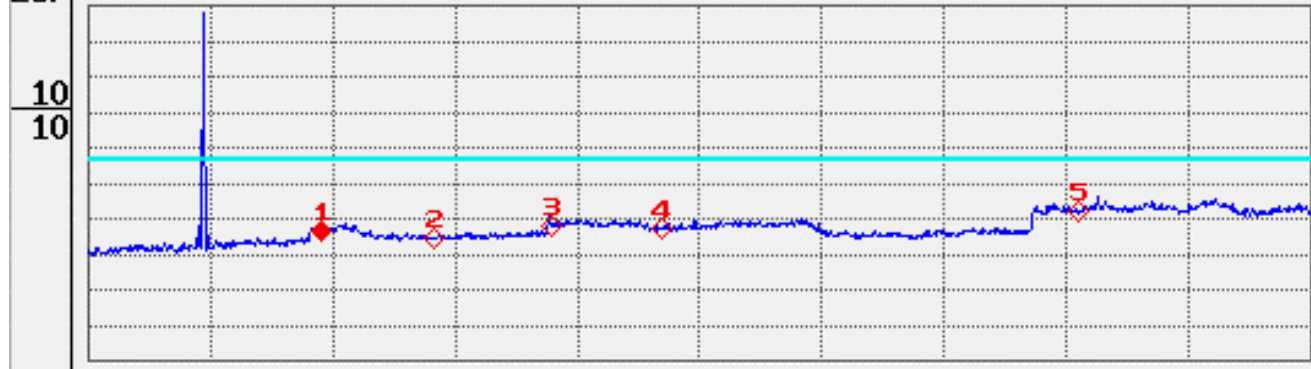
1:	3.73 GHz	-33.92 dBm
2:	5.59 GHz	-34.70 dBm
3:	7.47 GHz	-34.22 dBm
4:	9.31 GHz	-32.84 dBm
5:	16.14 GHz	-27.70 dBm
6:		
7:		
8:		
9:		
10:		
Δ:		

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

LOF



START 10 MHz STOP 20.00 GHz

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

Multi Marker List

1:	3.81 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

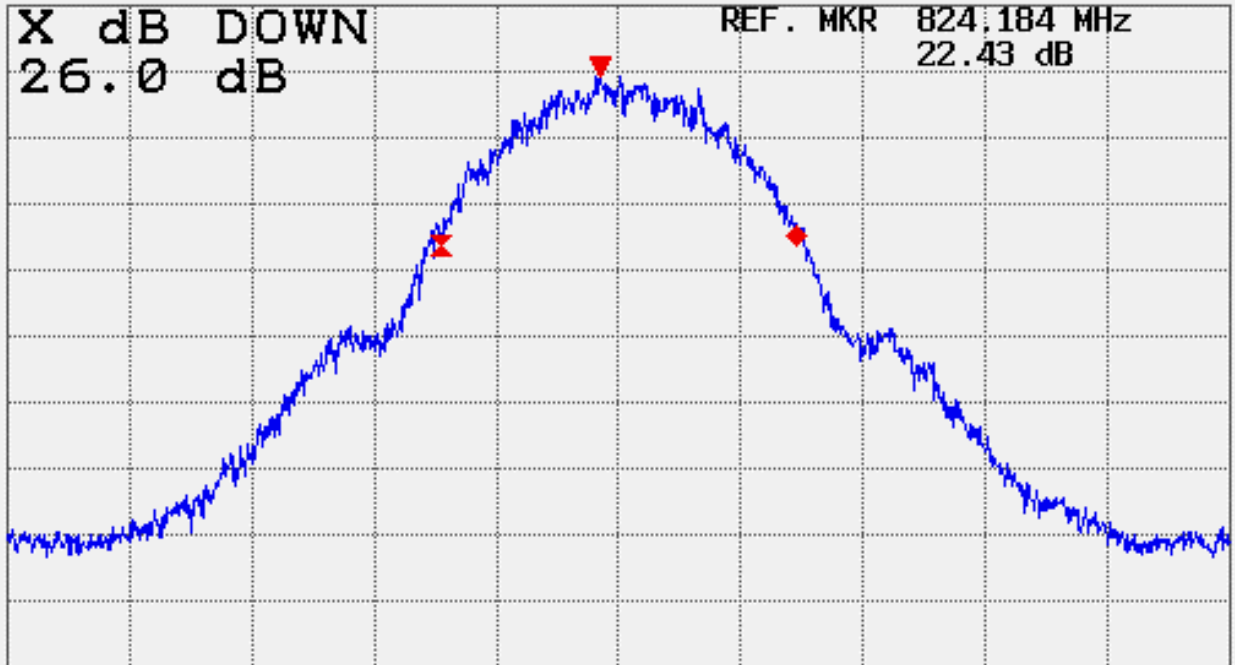
MKRA 291 kHz

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)

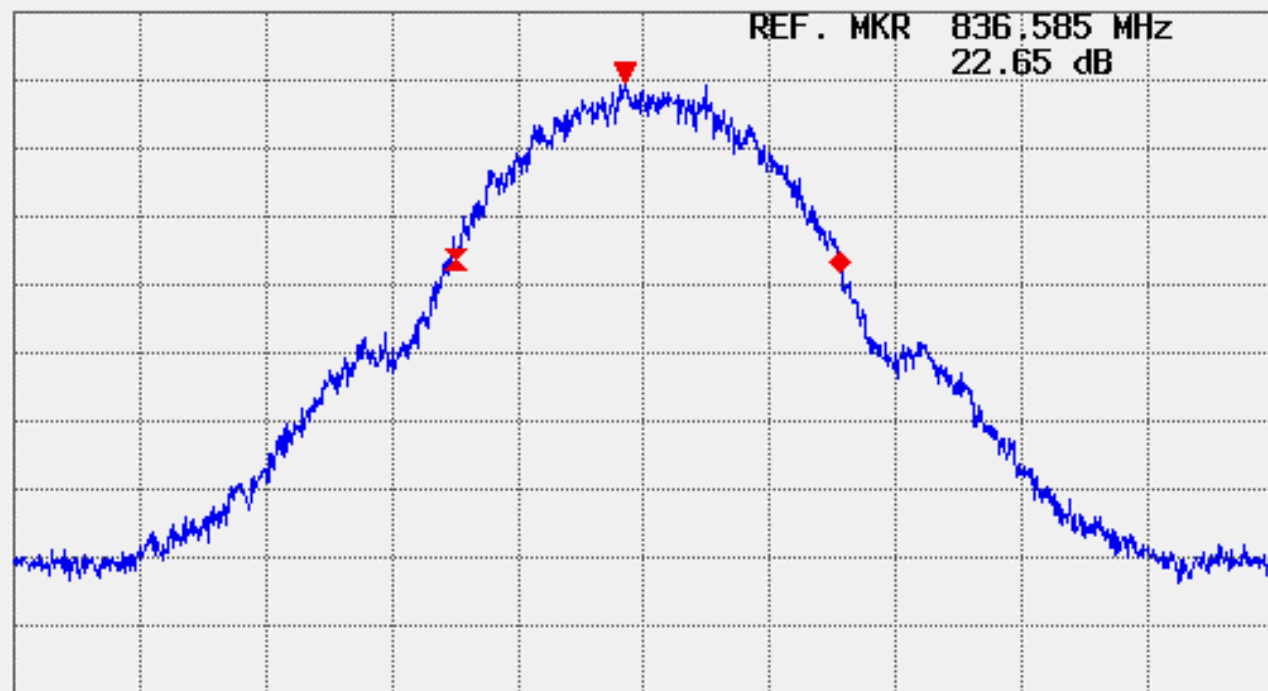
REF 33.0 dBm

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)

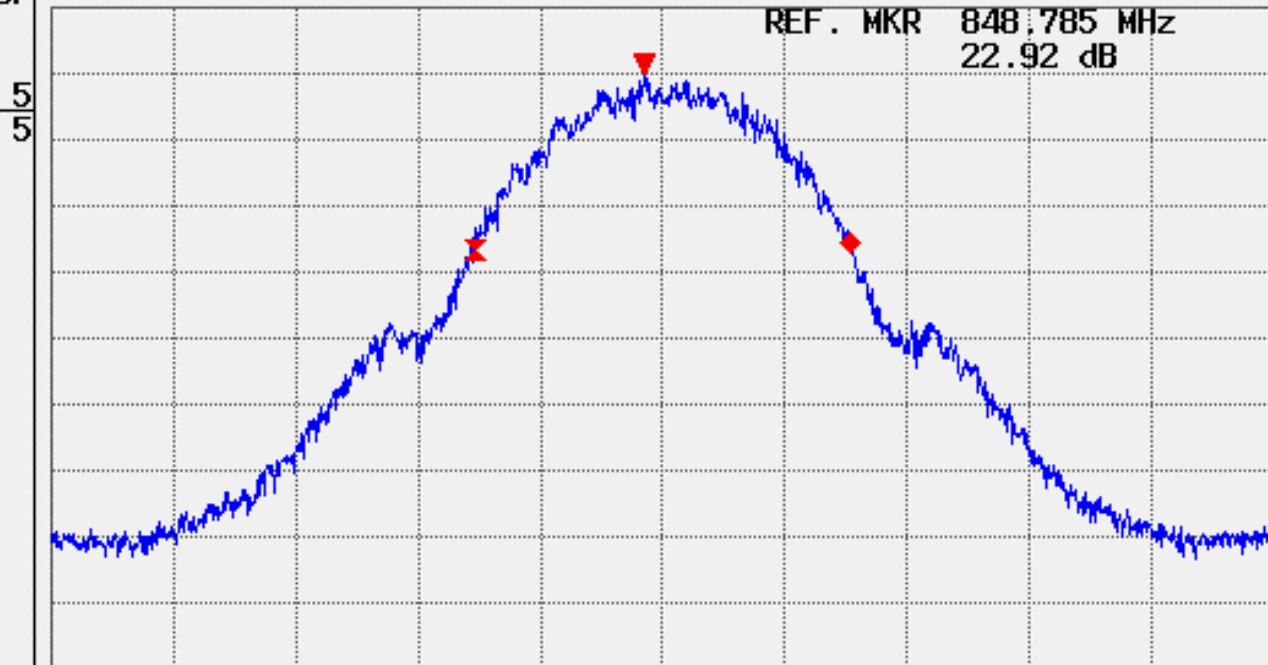
REF 33.0 dBm

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

*SMP 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

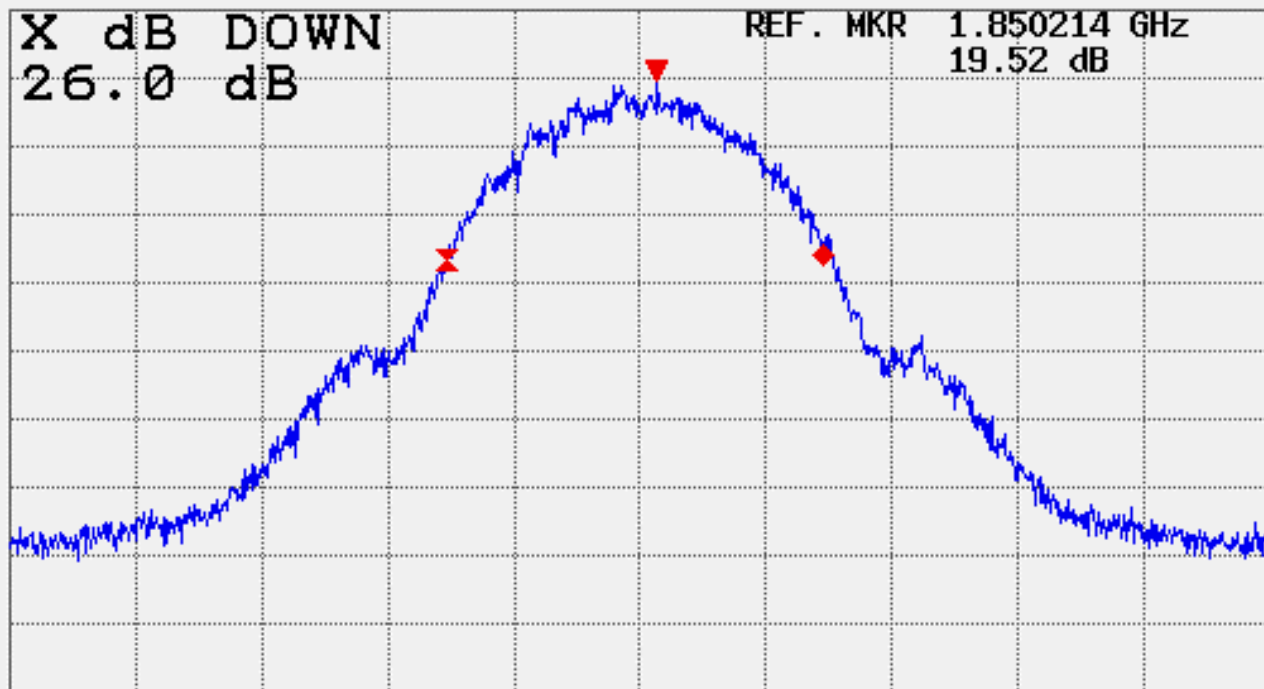
REF. MKR 1.850214 GHz

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

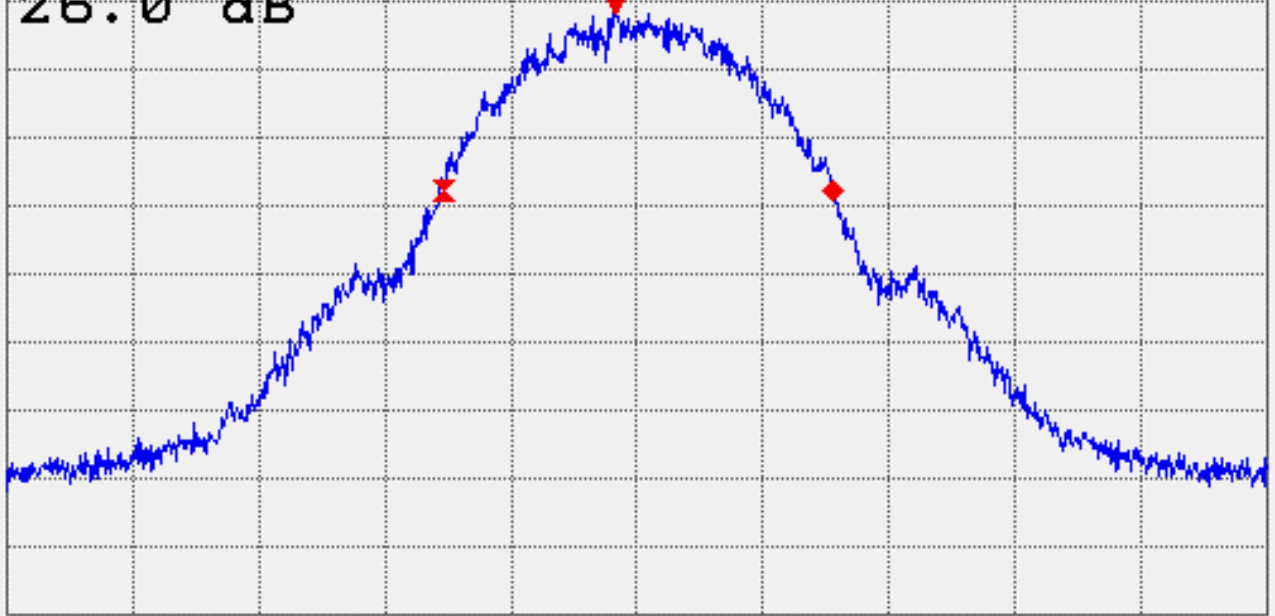
10 dB/ *A_PwAvg Pos i

MKRA 308 kHz

0.02 dB

LOF

X dB DOWN
26.0 dB

REF. MKR 1.879983 GHz
18.20 dB


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

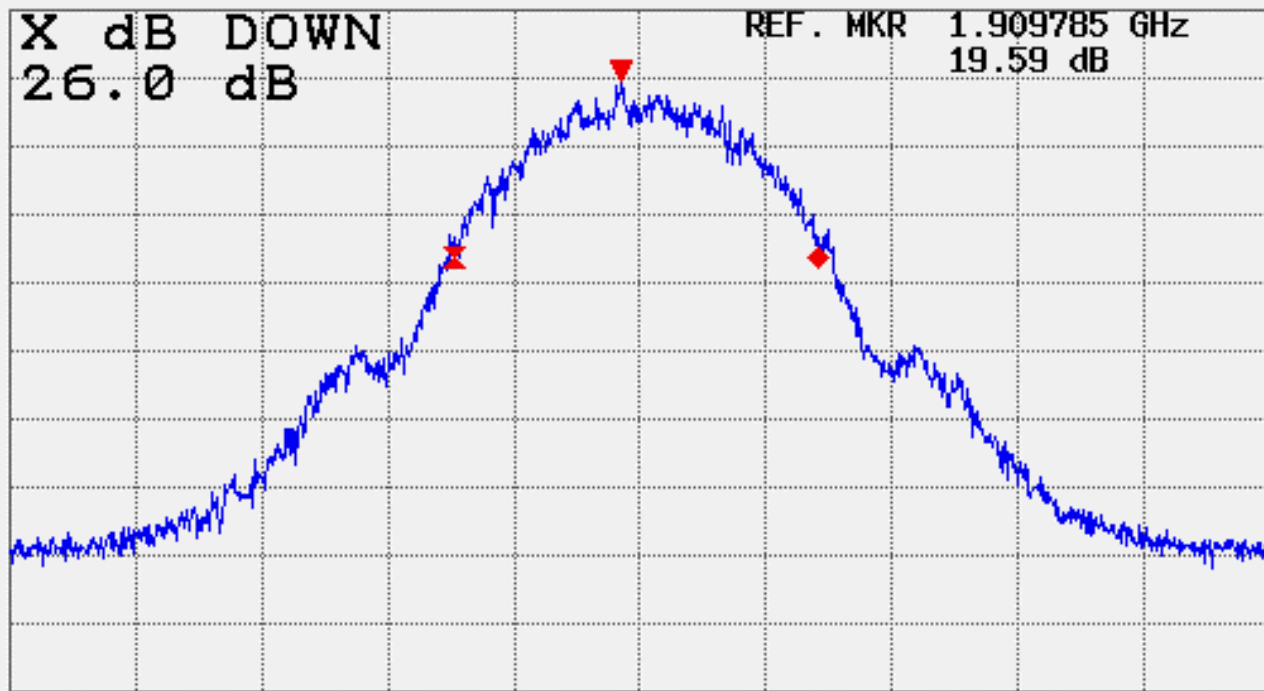
REF. MKR 1.909785 GHz

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/

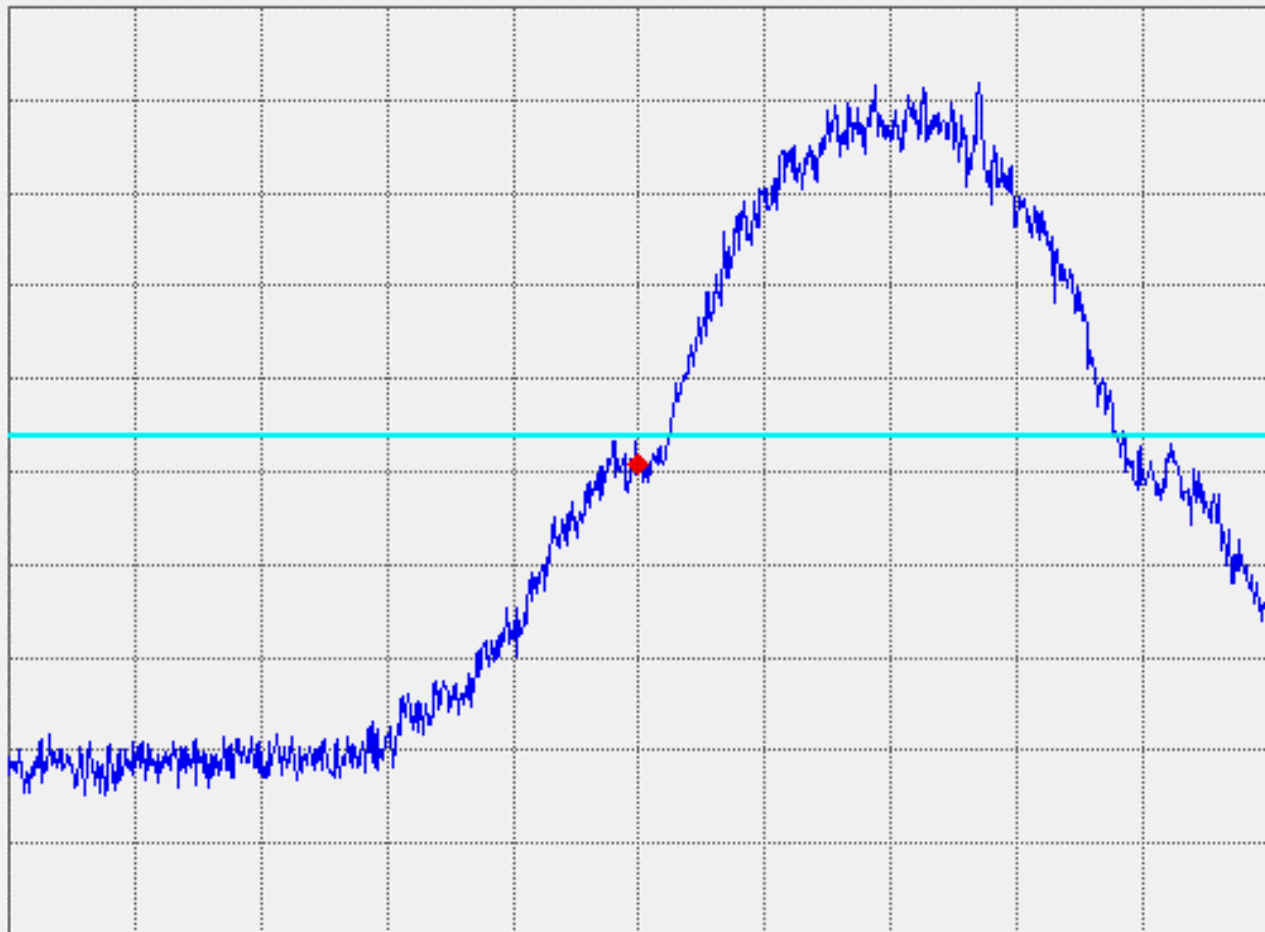
*A_View

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/

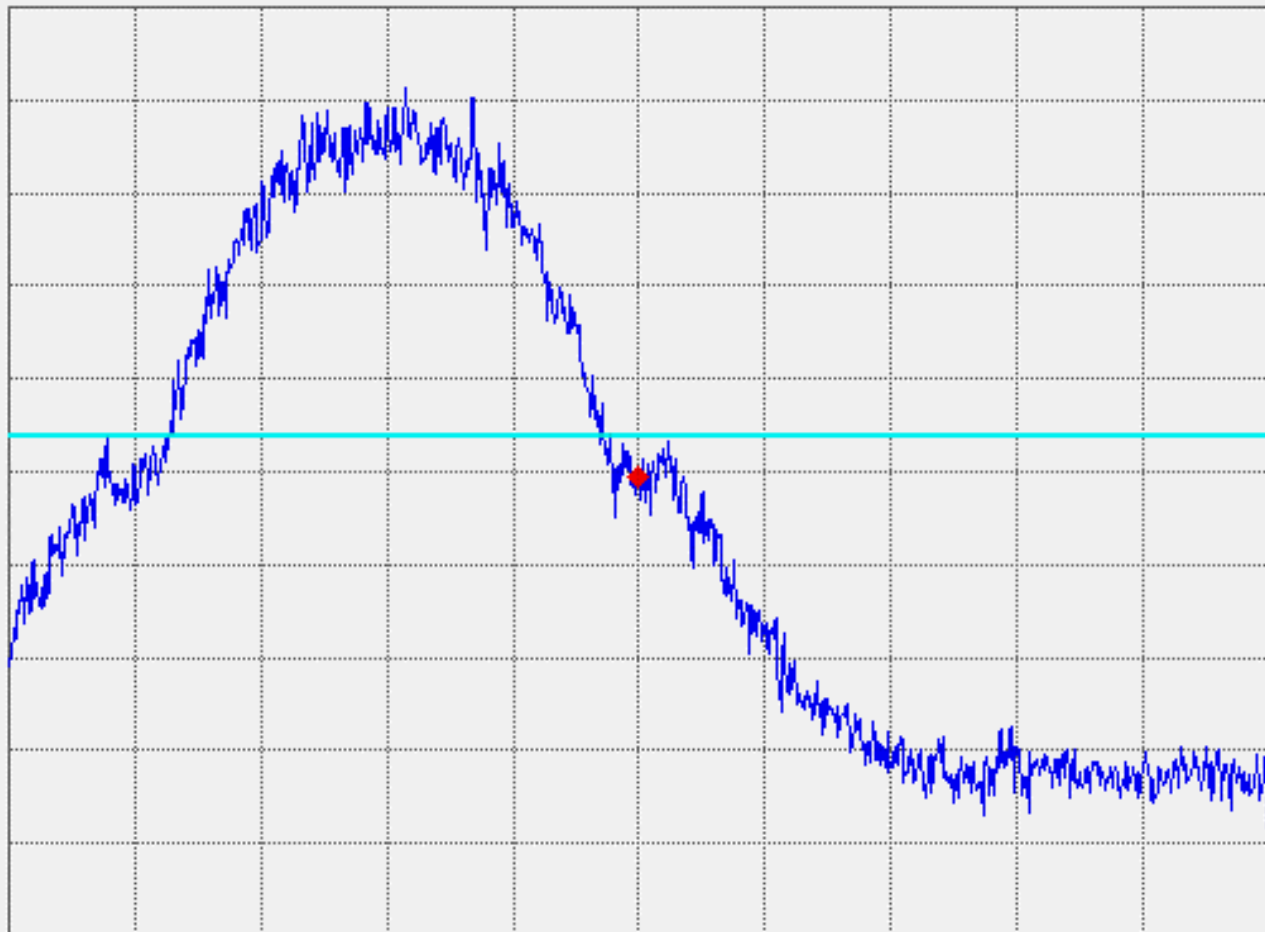
*A_View

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

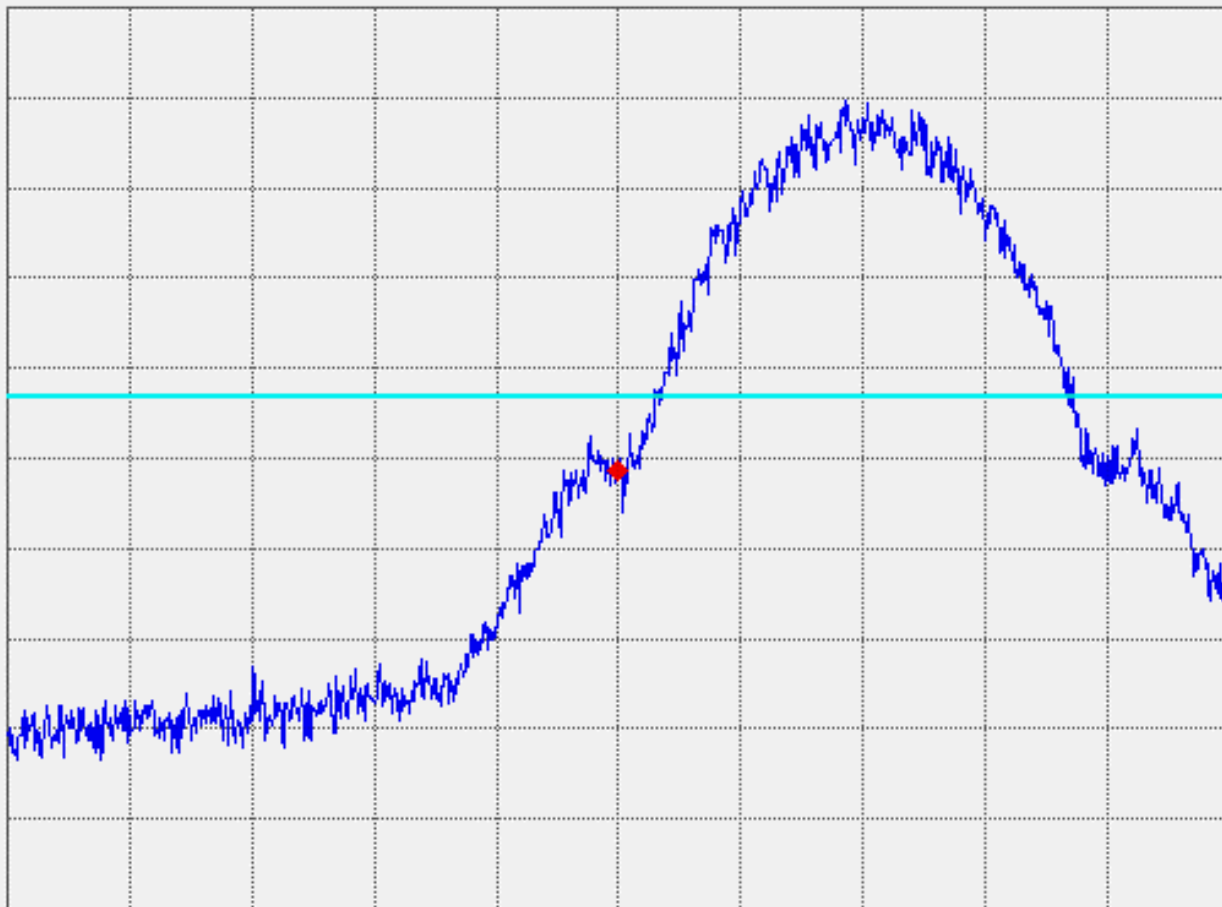
ATT 30 dB

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/

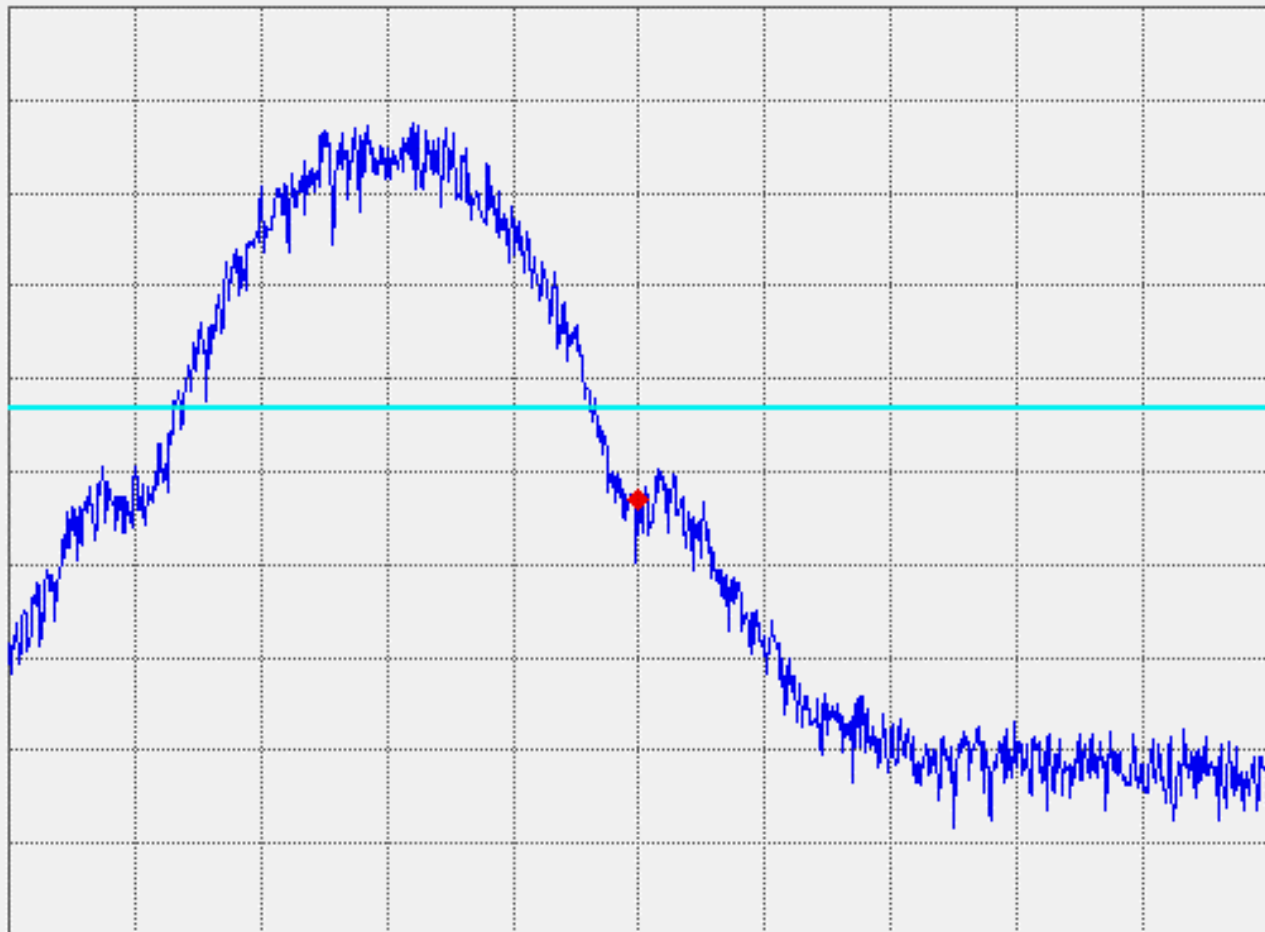
*A_View

Norm

B_Blank Norm

-23.05 dBm

LOF



CENTER 1.910000 GHz

SPAN 1.000 MHz

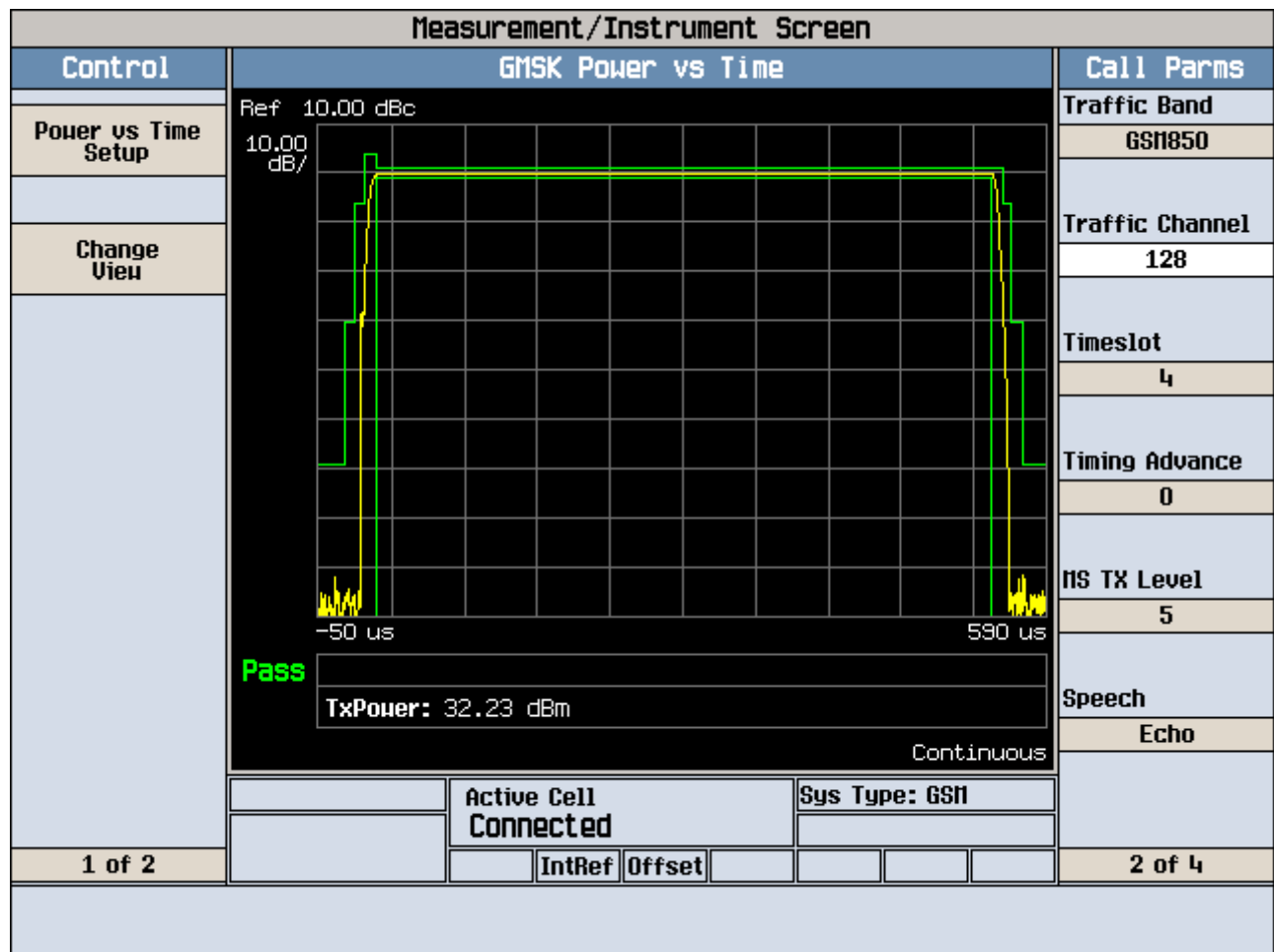
*RBW 3 kHz

*VBW 3 kHz

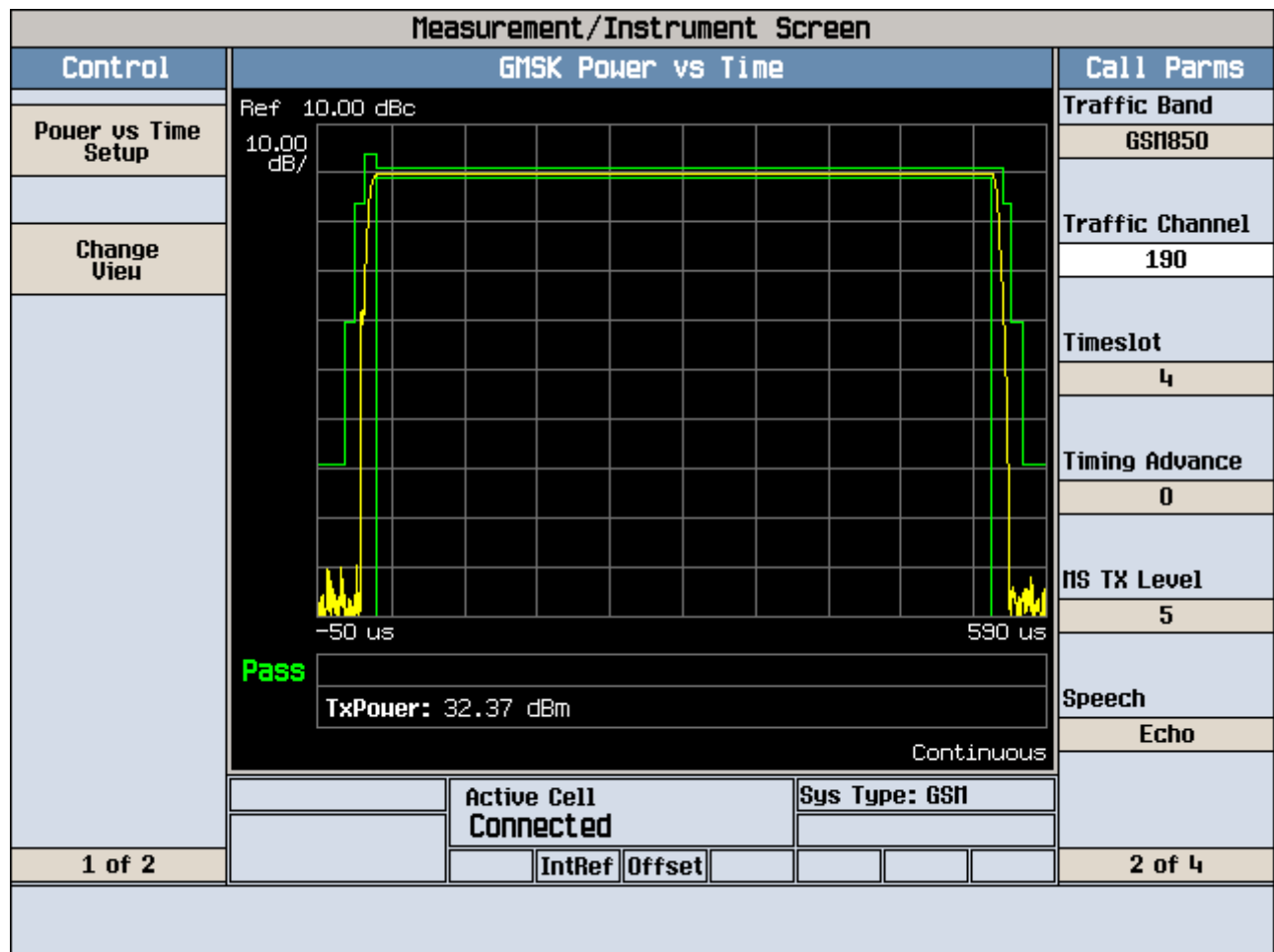
SWP 230 ms

ATT 30 dB

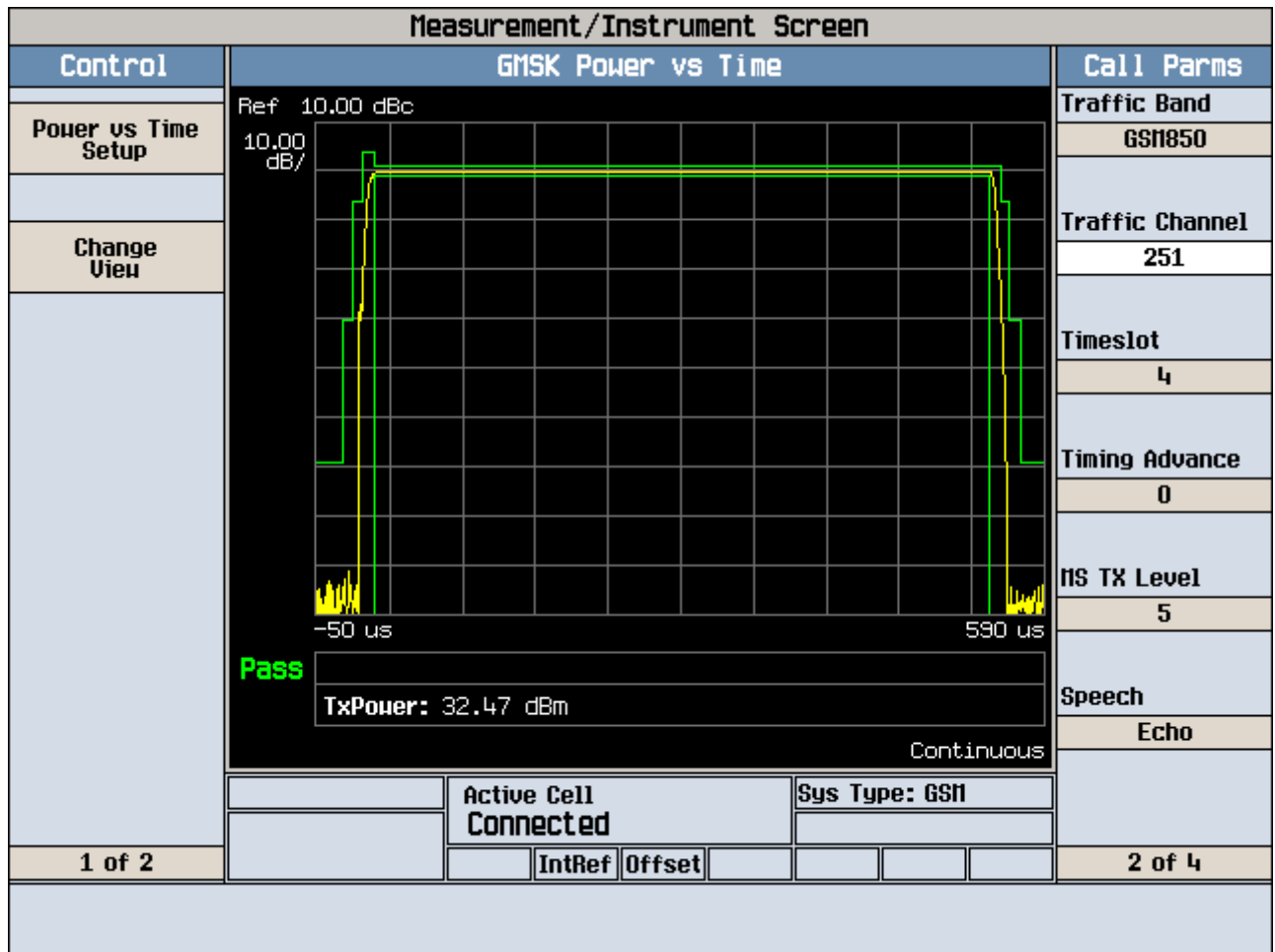
Power output conducted (GSM850 128 CH)



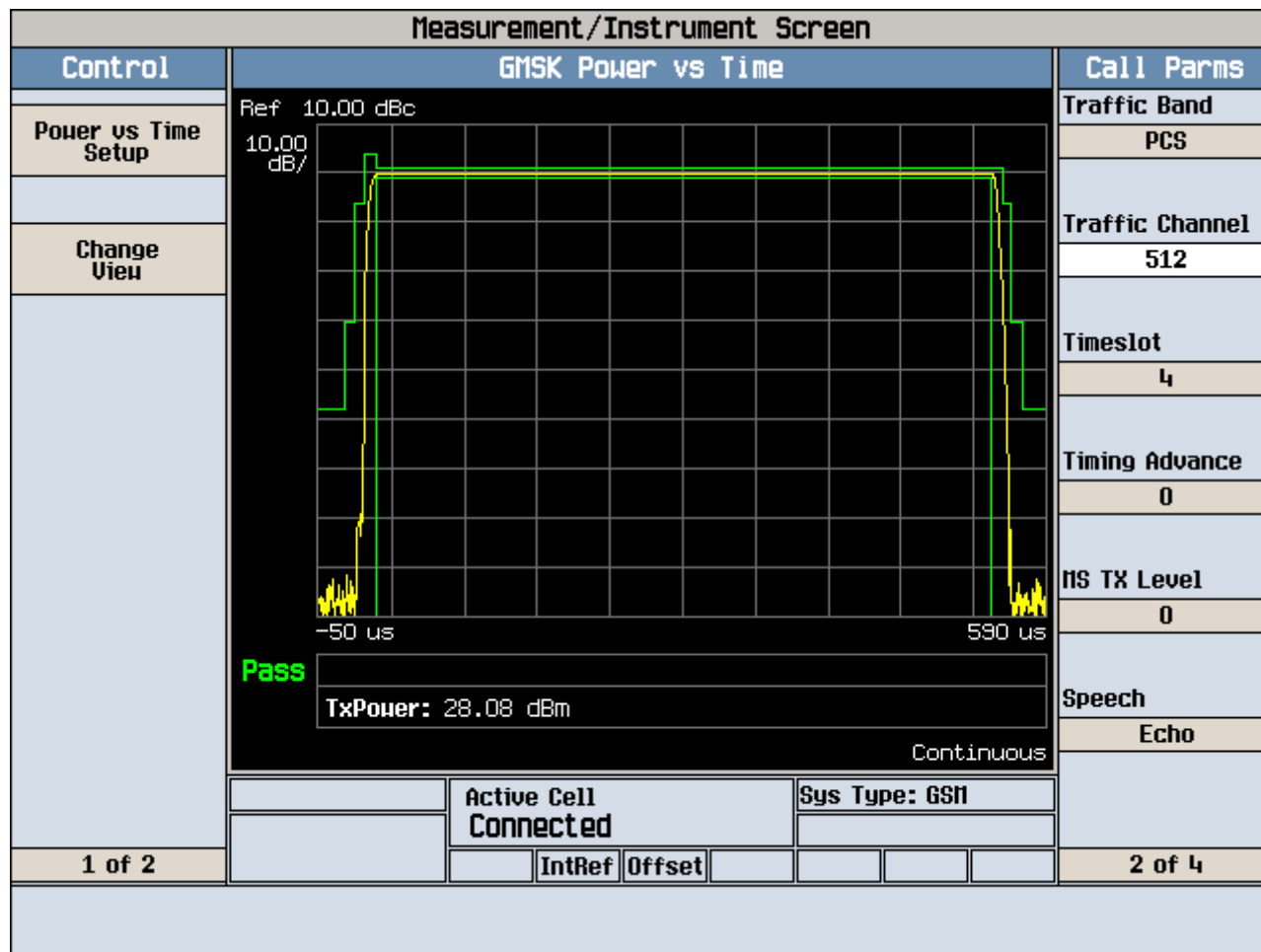
Power output conducted (GSM850 190 CH)



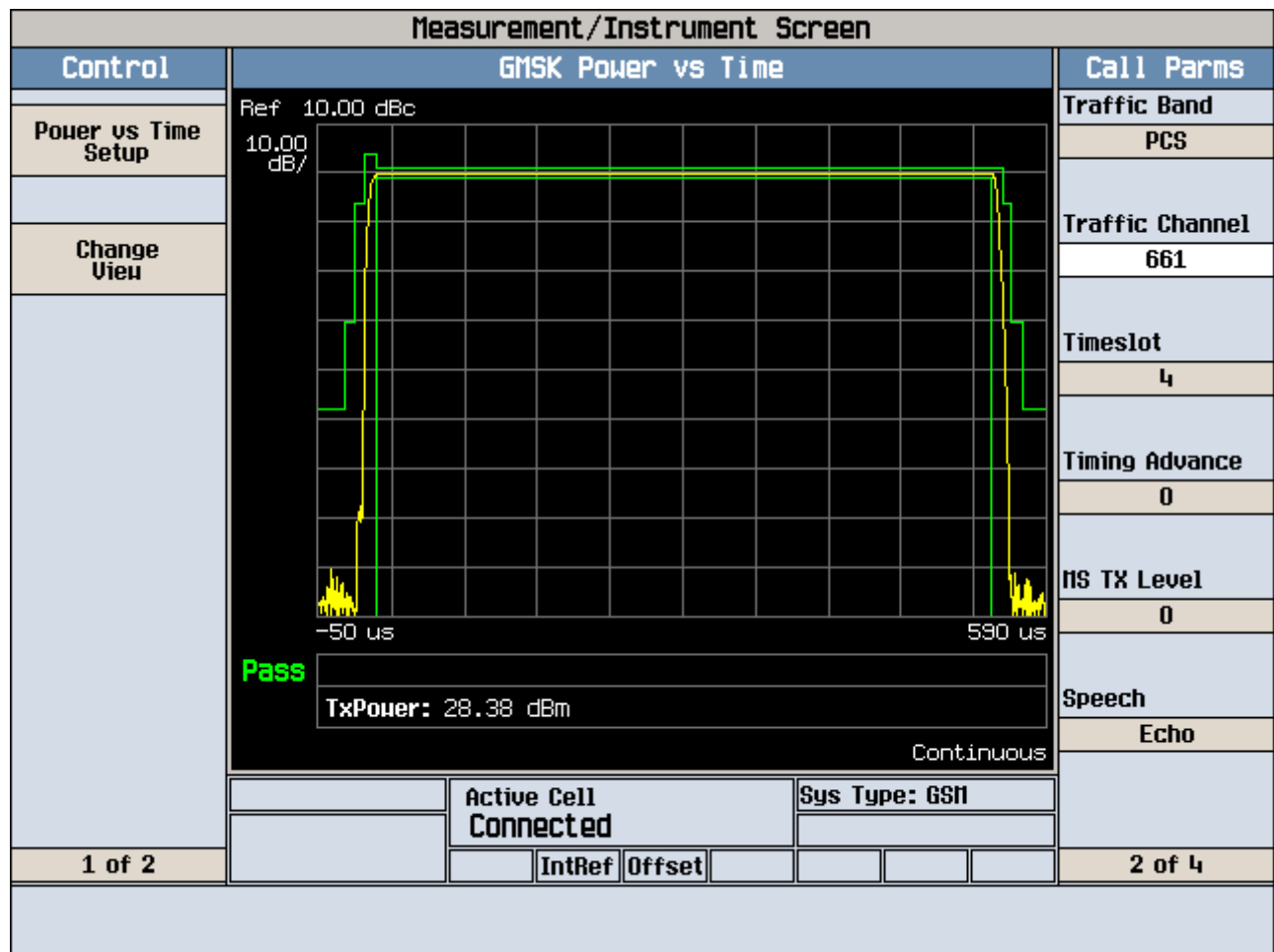
Power output conducted (GSM850 251 CH)



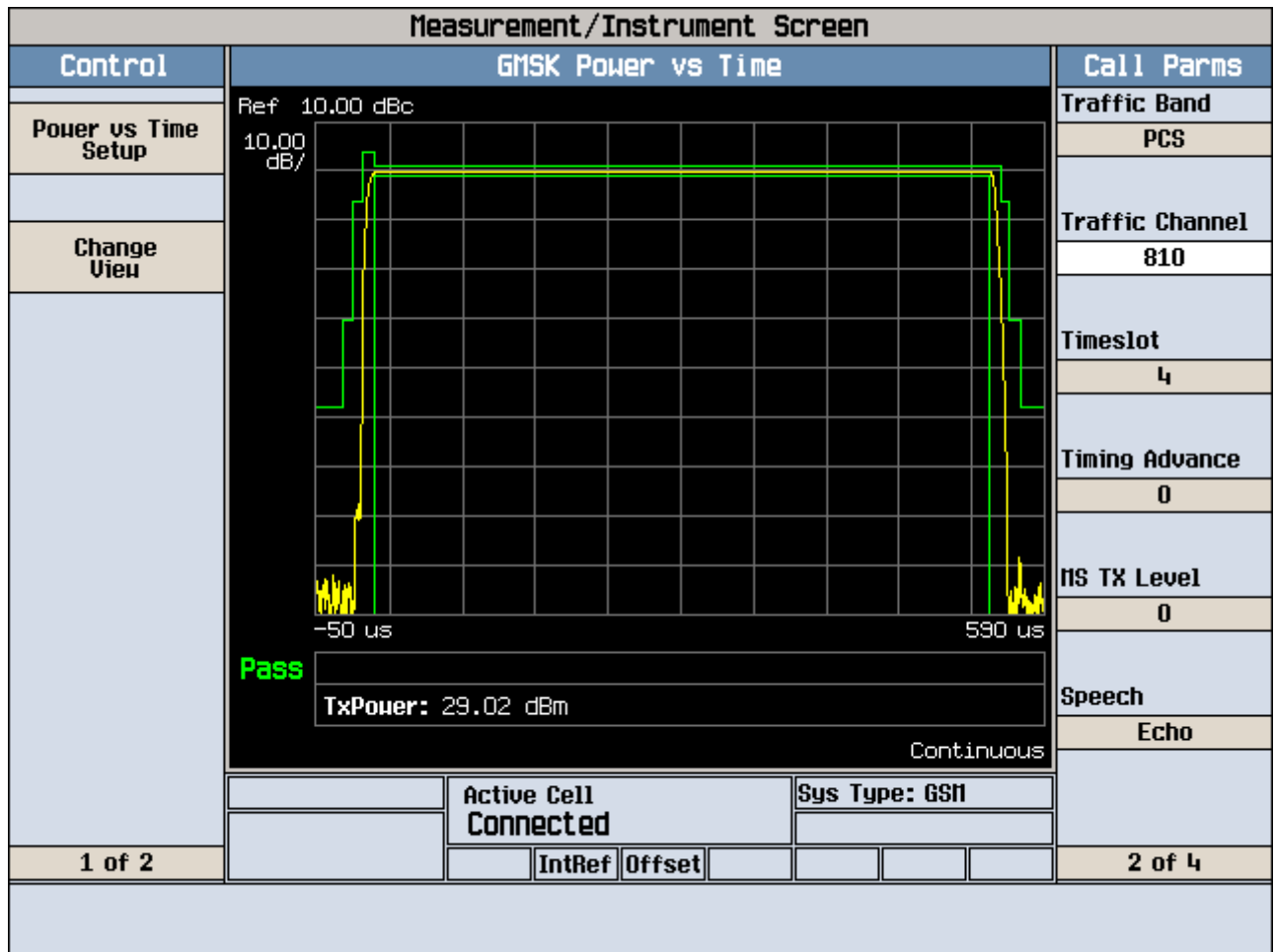
Power output conducted (GSM1900 512 CH)



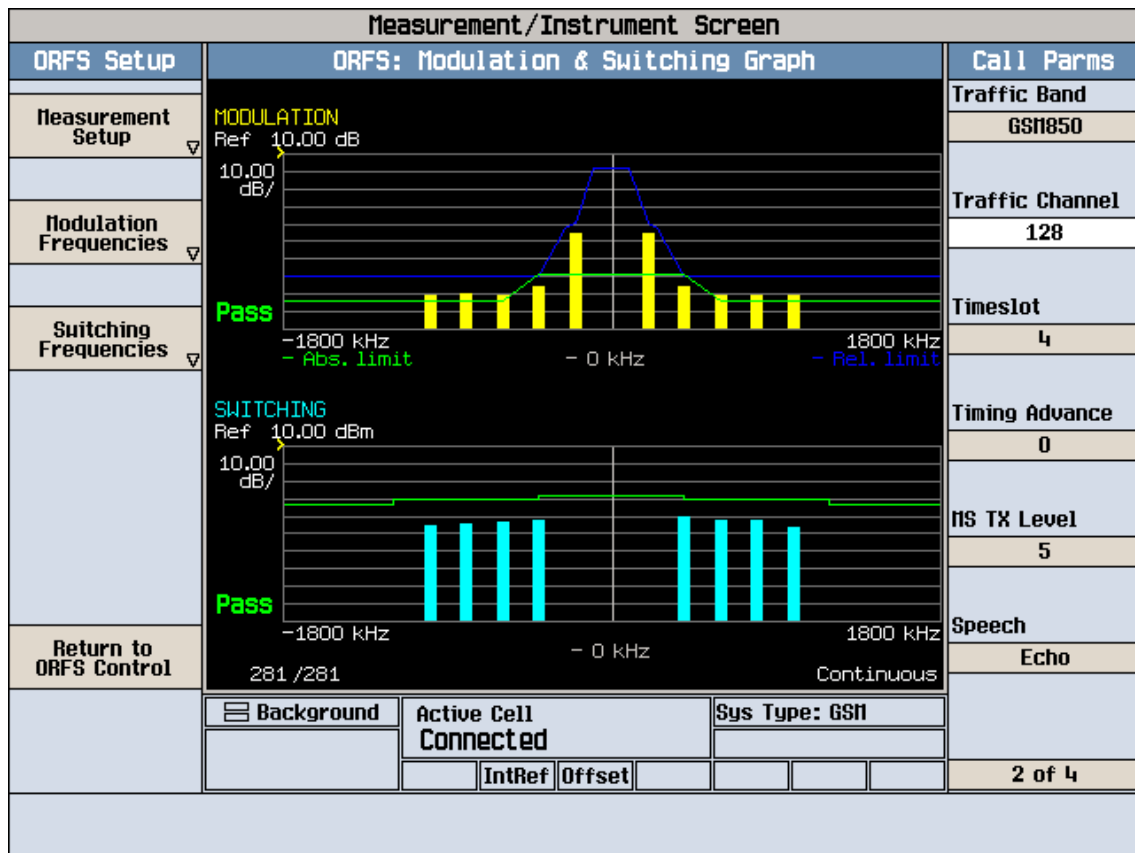
Power output conducted (GSM1900 661 CH)



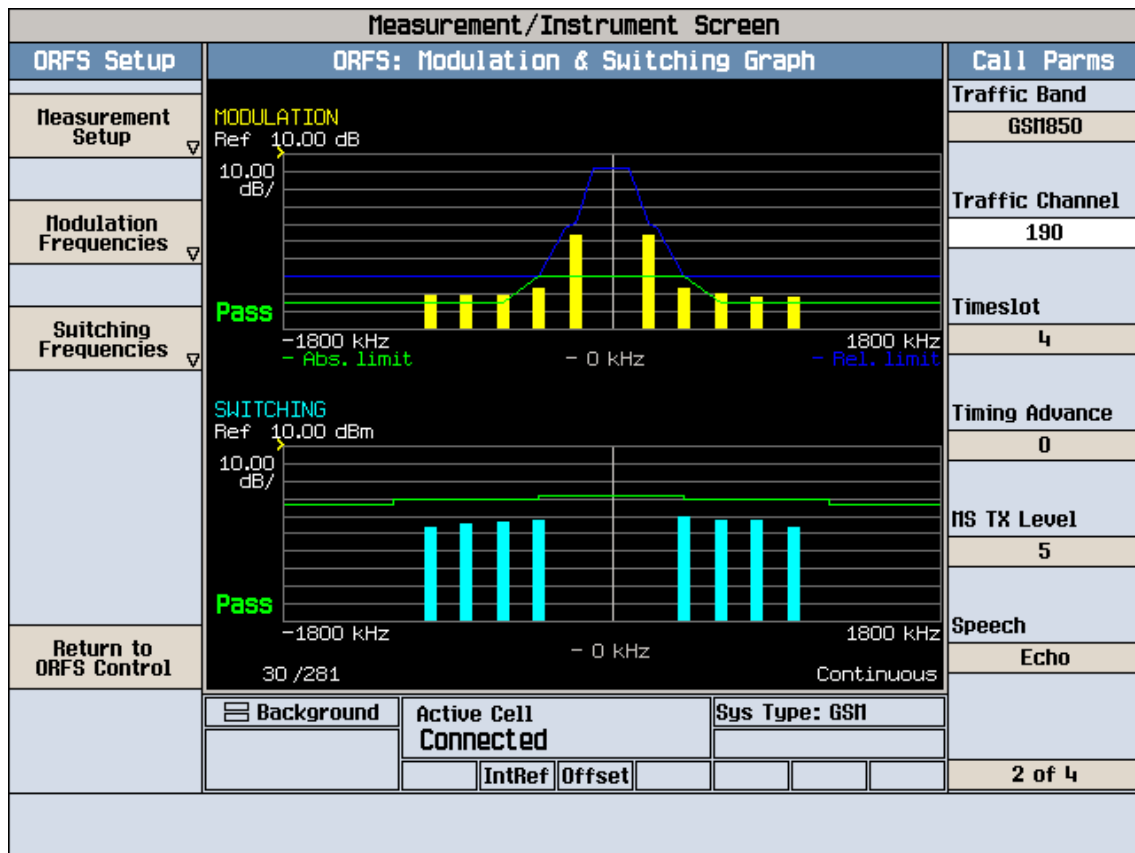
Power output conducted (GSM1900 810 CH)



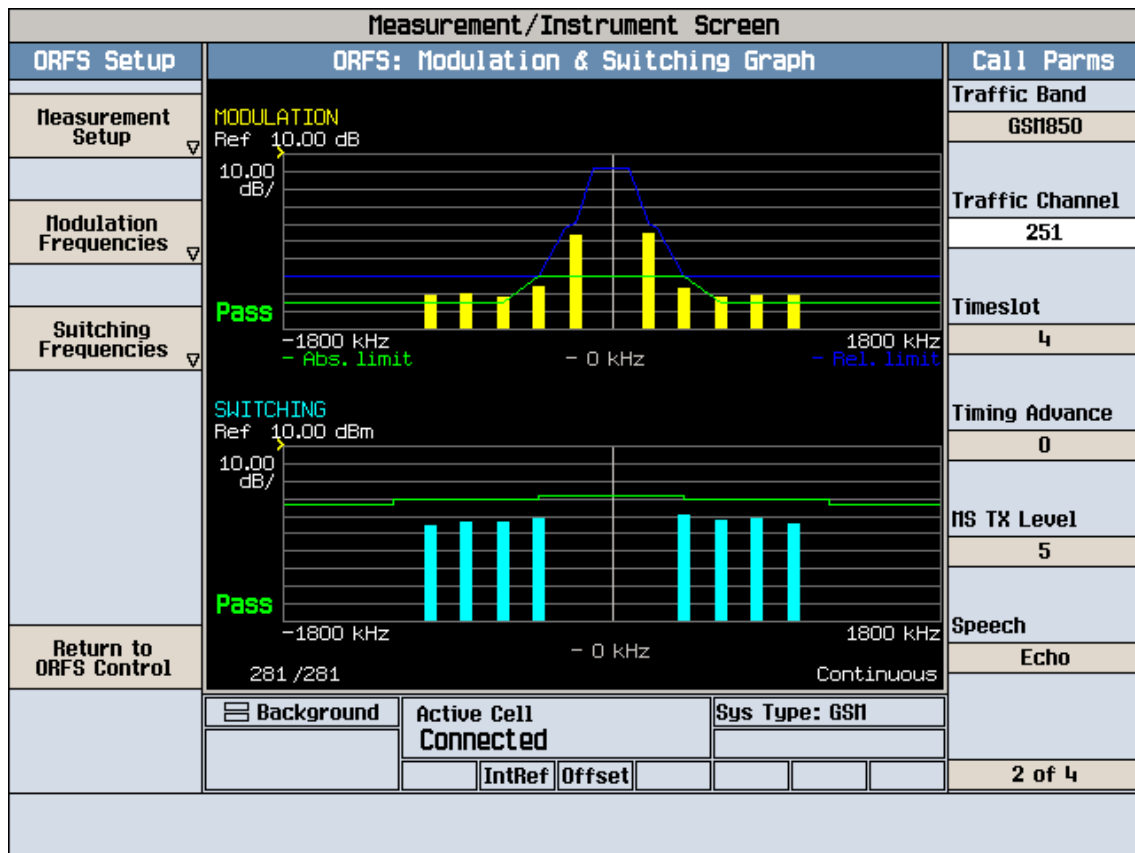
Modulation & Switching Graph (GSM850 128 CH)



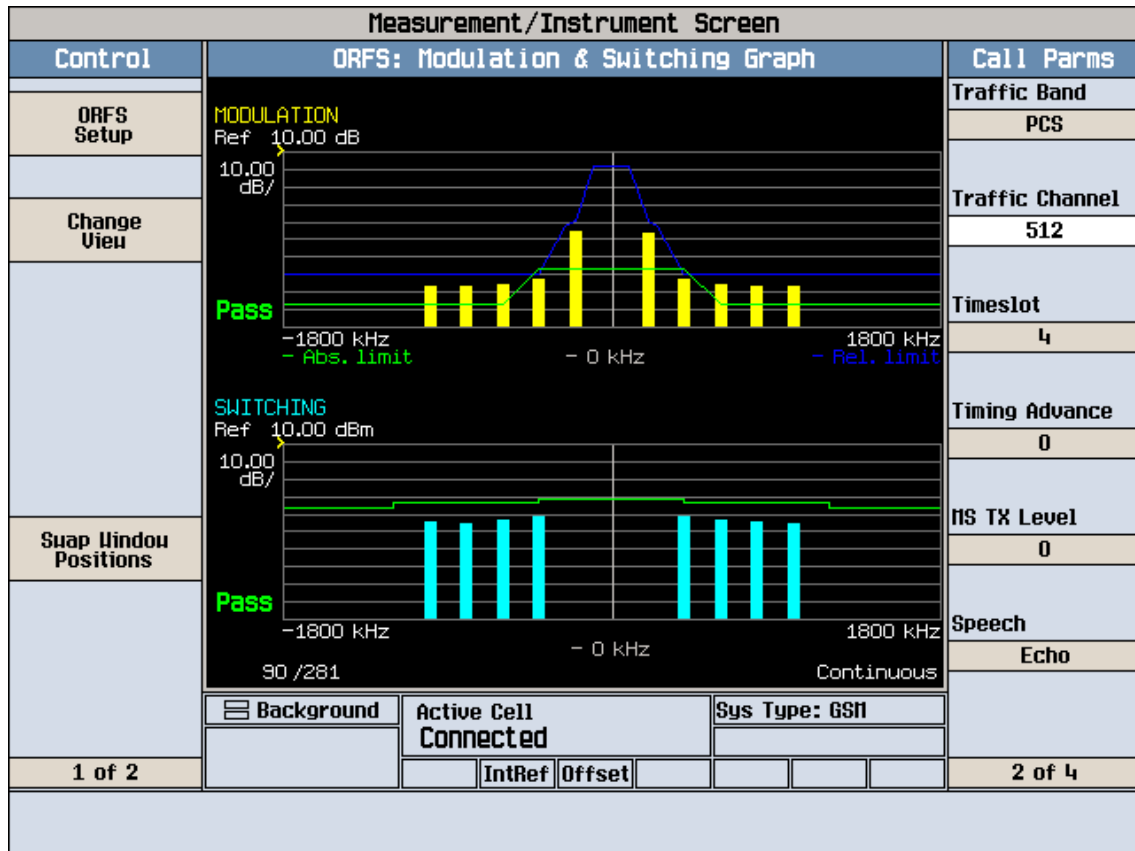
Modulation & Switching Graph (GSM850 190 CH)



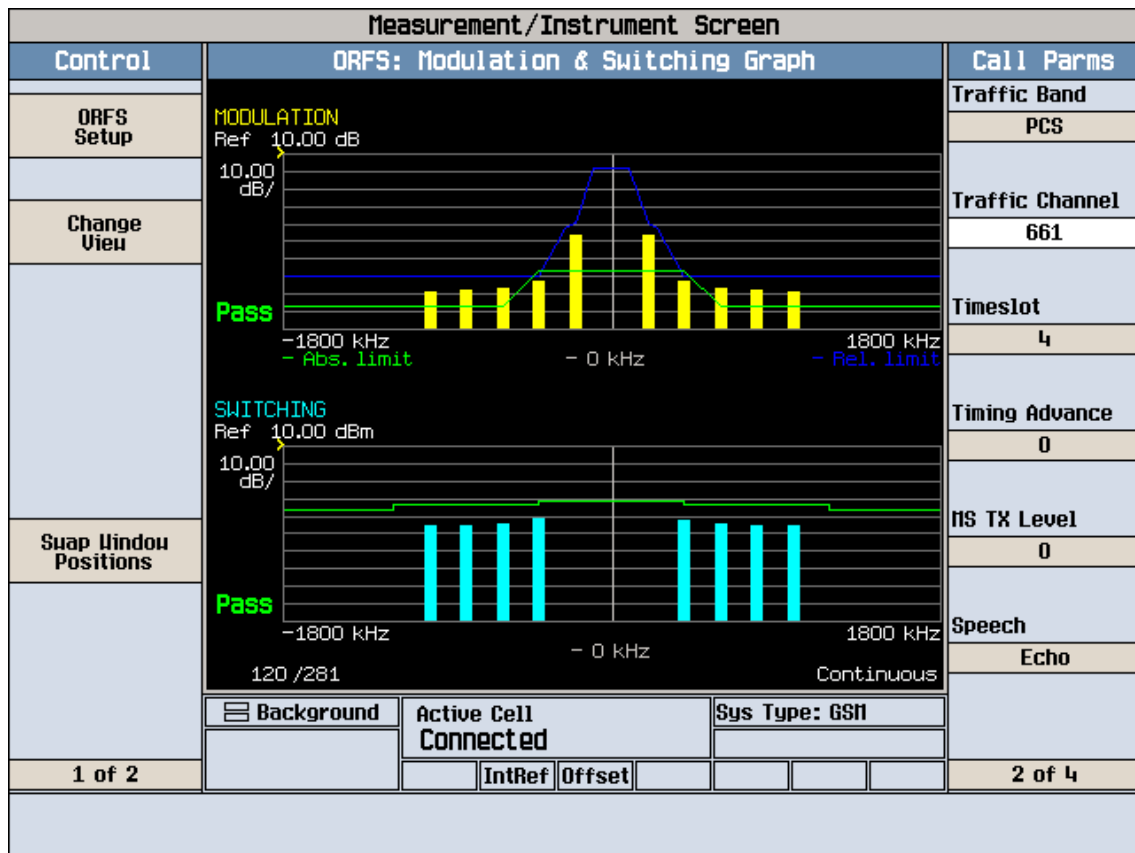
Modulation & Switching Graph (GSM850 251 CH)



Modulation & Switching Graph (GSM1900 512 CH)



Modulation & Switching Graph (GSM1900 661 CH)



Modulation & Switching Graph (GSM1900 810 CH)

