

OCCUPIED BANDWIDTH**§2.1049(h)(i)****Occupied Bandwidth Results**

Similar to conducted emissions; occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the GSM-850 & GSM-1900 frequency band. Table below lists the measured -20dBc (99%) occupied bandwidths. Spectrum analyzer plots are included on the following pages.

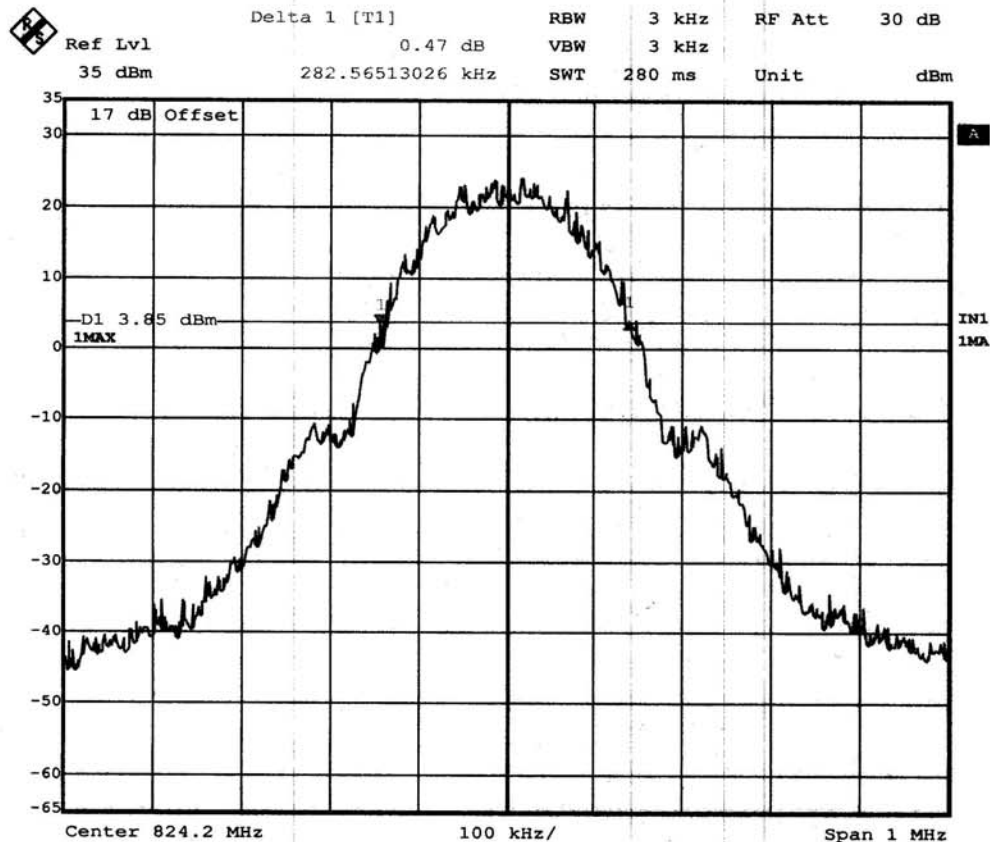
-20dBc BANDWIDTH (GSM-850)

Frequency (MHz)	-20dBc Bandwidth (kHz)
824.2	282.56
836.6	290.58
848.8	270.54

-20dBc BANDWIDTH (GSM-1900)

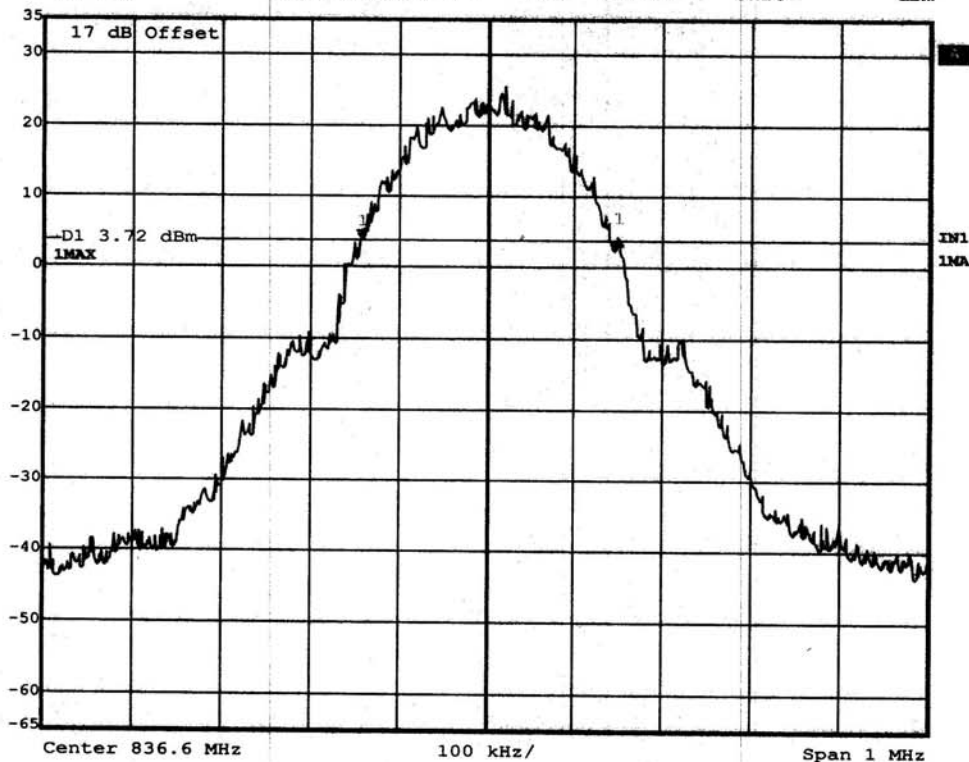
Frequency (MHz)	-20dBc Bandwidth (kHz)
1850.2	278.55
1880	276.55
1909.8	284.56

-20dBc BANDWIDTH CHANNEL 128(GSM-850)



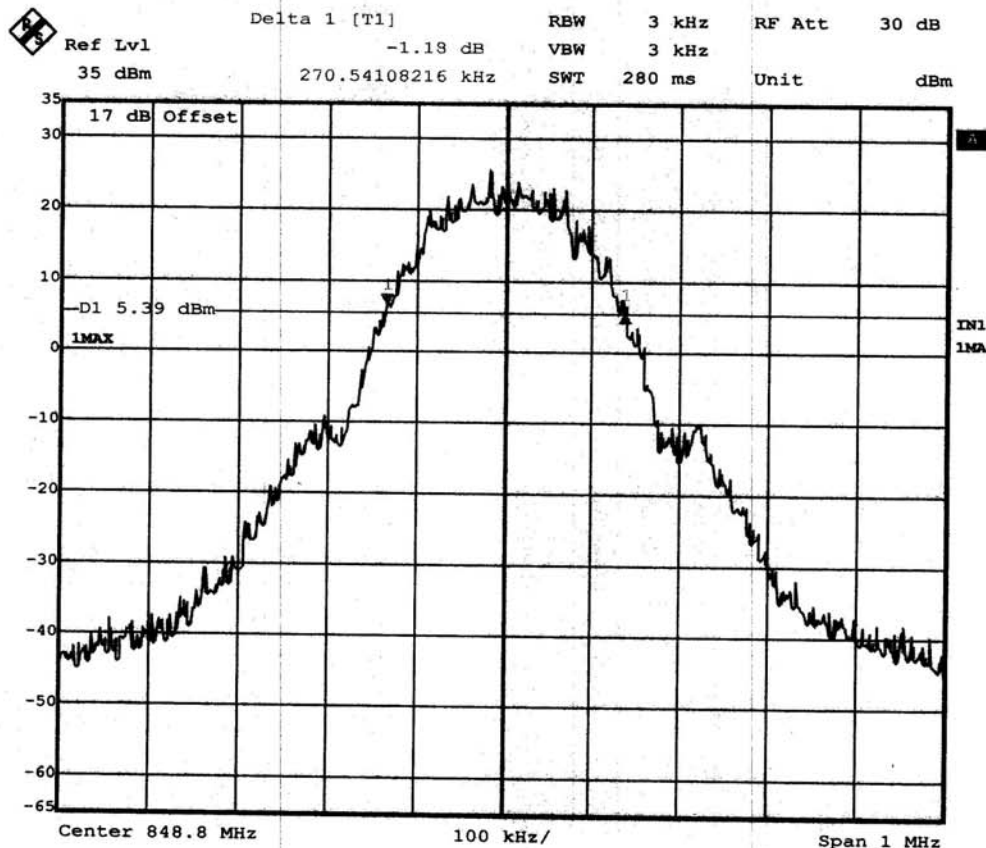
-20dBc BANDWIDTH CHANNEL 190(GSM-850)

Delta 1 [T1] RBW 3 kHz RF Att 30 dB
Ref Lvl 0.67 dB VBW 3 kHz
35 dBm 290.58116232 kHz SWT 280 ms Unit dBm

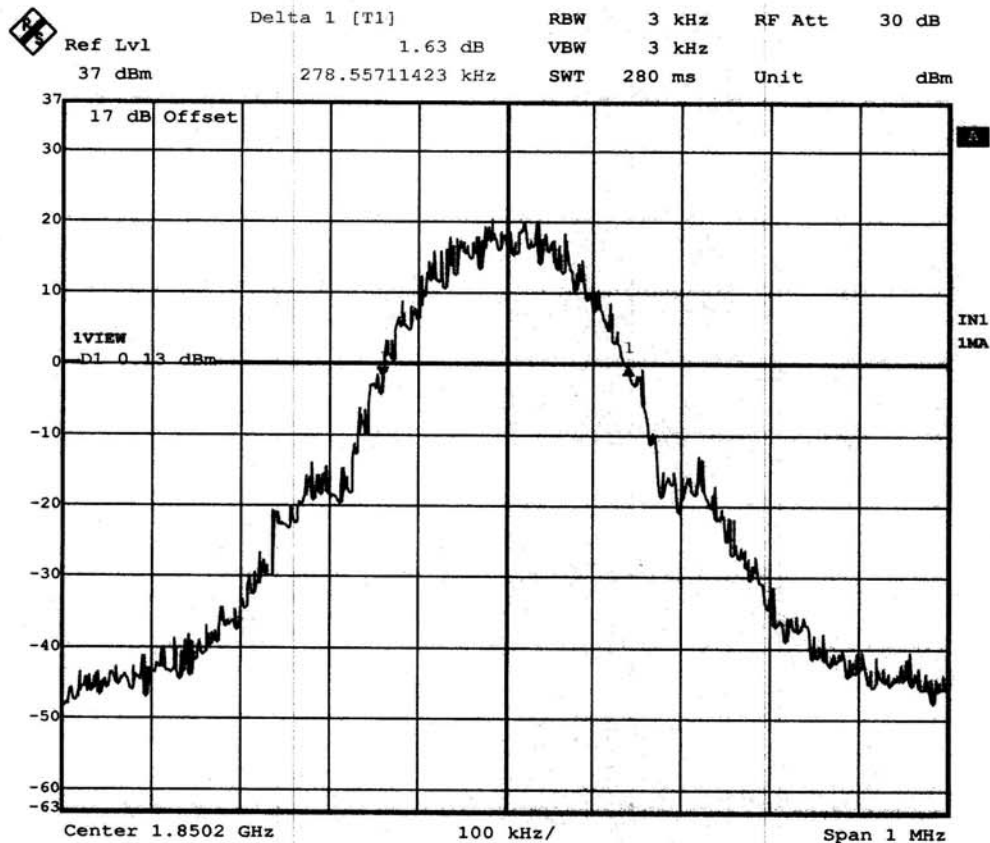


Date: 27.SEP.2003 14:51:09

-20dBc BANDWIDTH CHANNEL 251(GSM-850)



Date: 27.SEP.2003 14:57:19

-20dBc BANDWIDTH CHANNEL 512(GSM-1900)

Date: 29.SEP.2003 11:53:34

-20dBc BANDWIDTH CHANNEL 661(GSM-1900)

Delta 1 [T1]

RBW 3 kHz RF Att 30 dB

Ref Lvl -1.87 dB

VBW 3 kHz

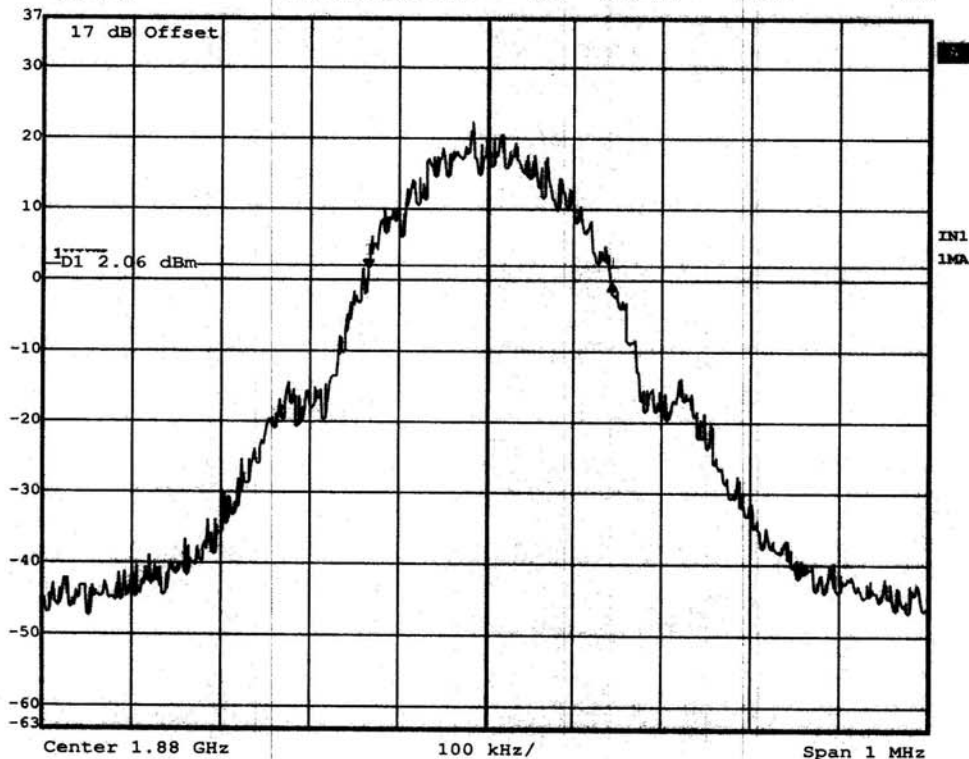
37 dBm

276.55310621 kHz

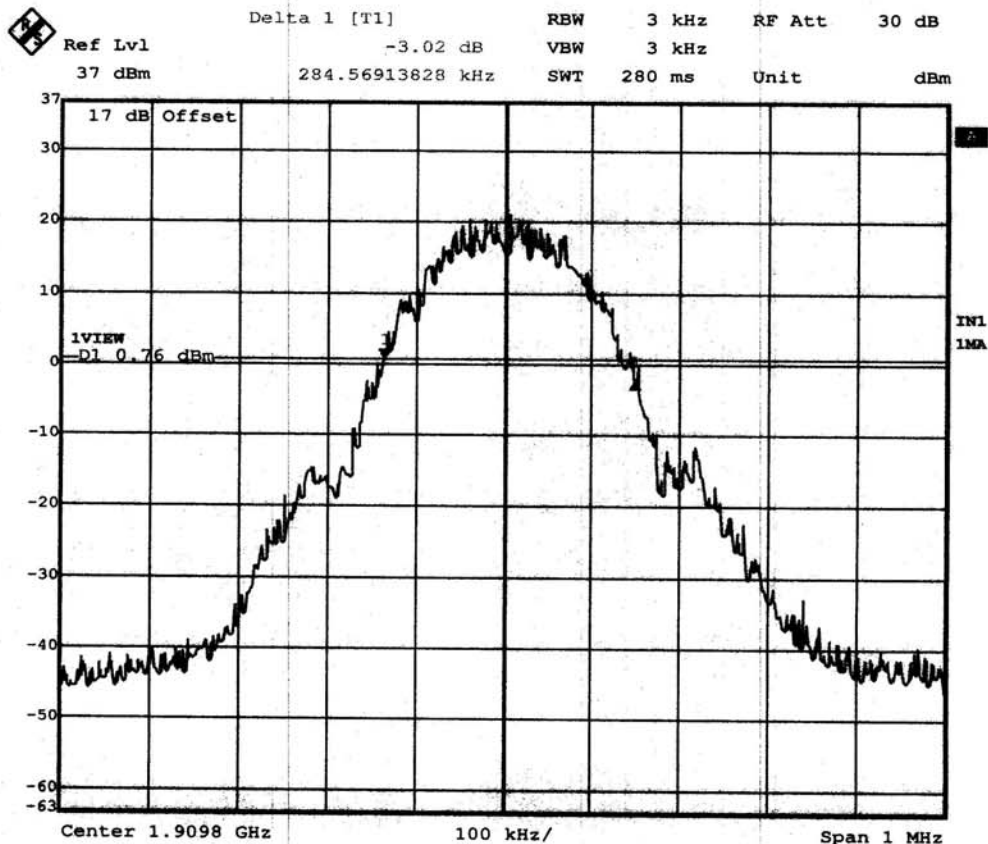
SWT 280 ms

Unit

dBm



Date: 29.SEP.2003 11:50:54

-20dBc BANDWIDTH CHANNEL 810(GSM-1900)

Date: 29.SEP.2003 11:47:38

EMISSION BANDWIDTH**§24.238(b)****Emission Bandwidth Results**

Similar to conducted emissions; Emission bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of GSM-850 & GSM-1900 frequency band. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

-26dBc BANDWIDTH (GSM-850)

Frequency (MHz)	-26 dBc Bandwidth (kHz)
824.2	316.63
836.6	316.63
848.8	316.63

-26dBc BANDWIDTH (GSM-1900)

Frequency (MHz)	-26 dBc Bandwidth (kHz)
1850.2	314.62
1880	314.62
1909.8	314.62



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-26dBc BANDWIDTH CHANNEL 128(GSM-850)

Delta 1 [T1]

RBW

3 kHz

RF Att

30 dB

Ref Lvl

-1.86 dB

VBW

3 kHz

35 dBm

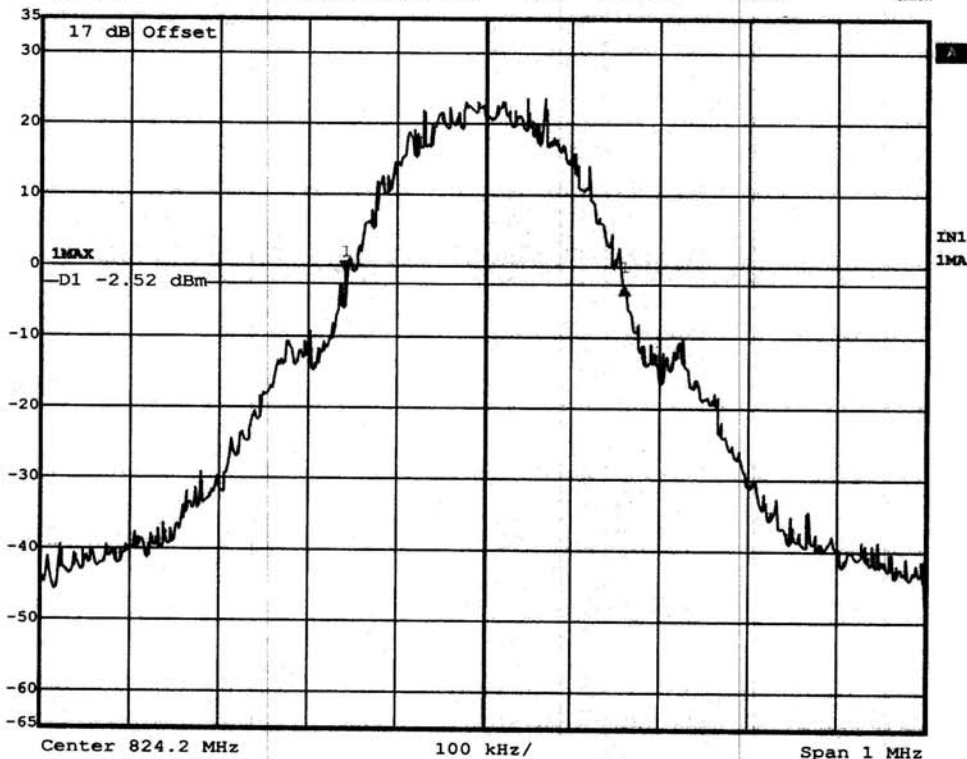
316.63326653 kHz

SWT

280 ms

Unit

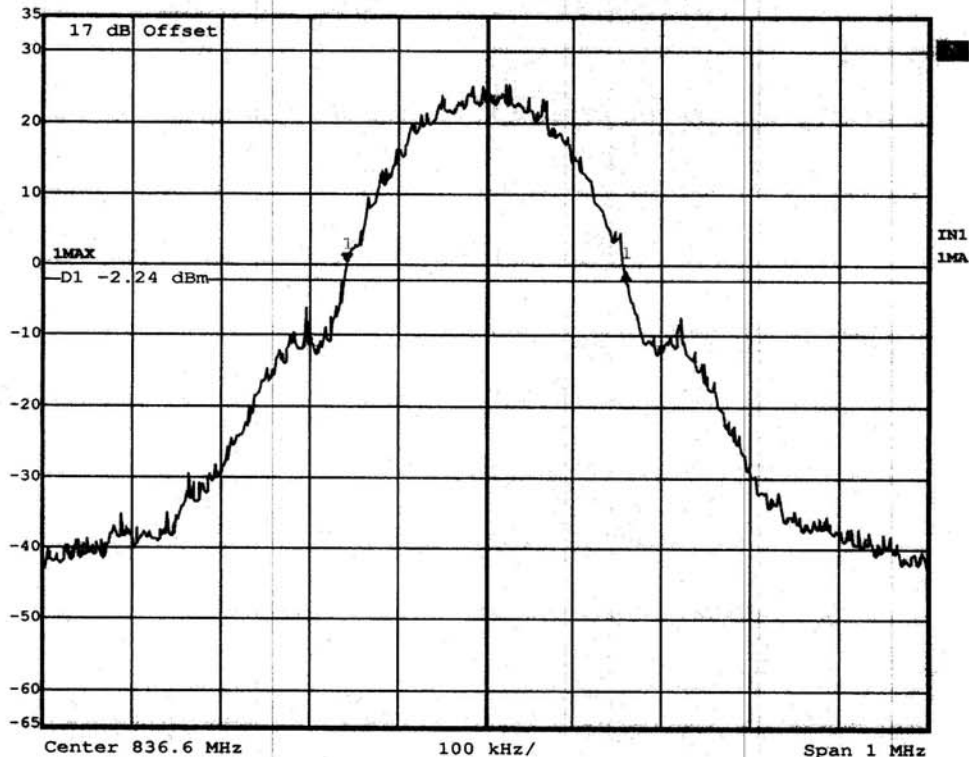
dBm



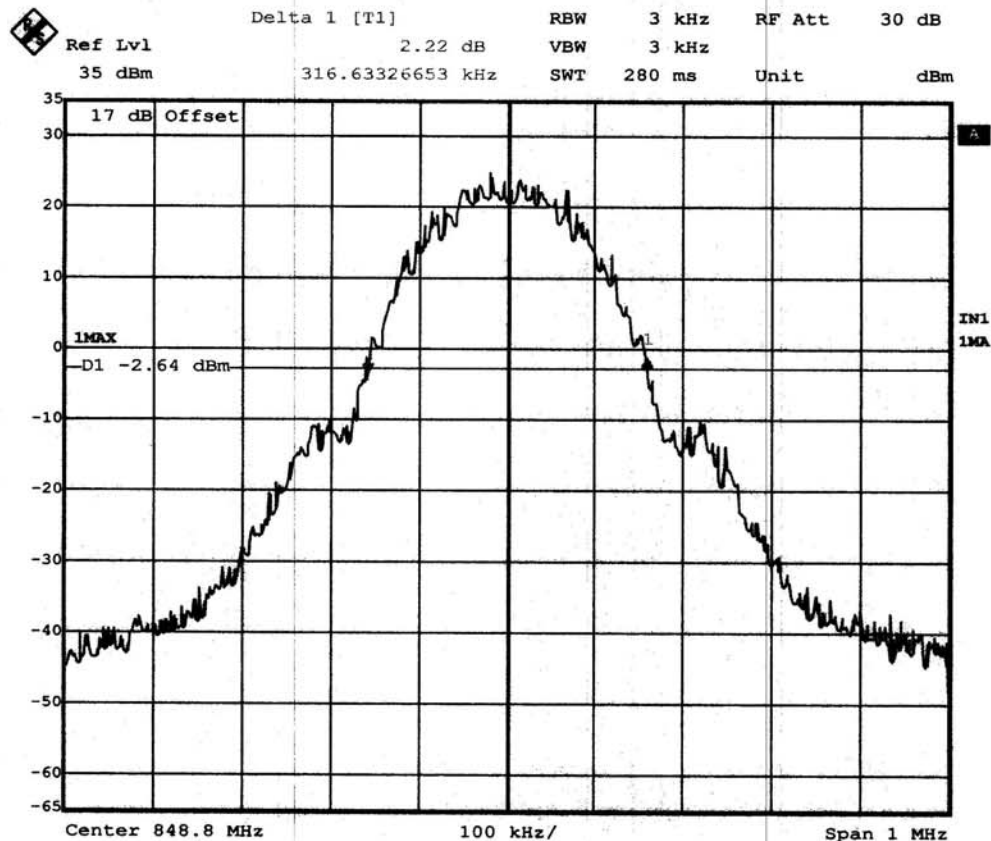
Date: 27.SEP.2003 14:48:57

-26dBc BANDWIDTH CHANNEL 190(GSM-850)

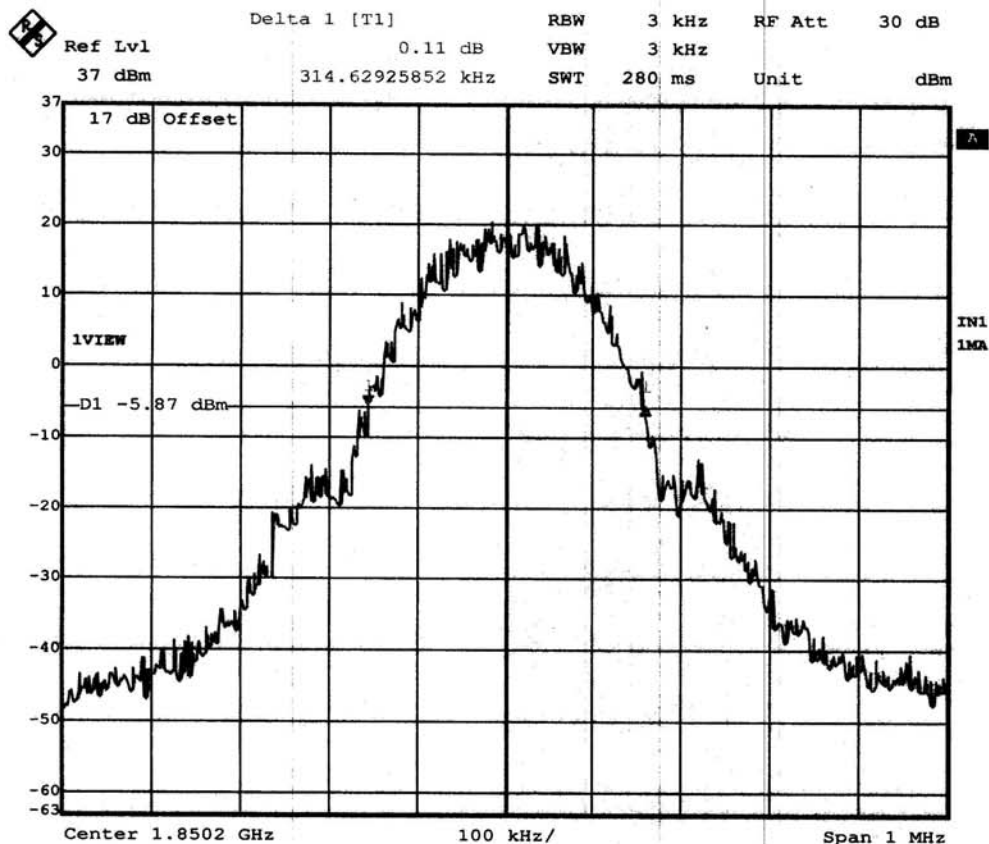
Ref Lvl	Delta 1 [T1]	RBW	3 kHz	RF Att	30 dB
35 dBm	-1.43 dB	VBW	3 kHz		
	316.63326653 kHz	SWT	280 ms	Unit	dBm



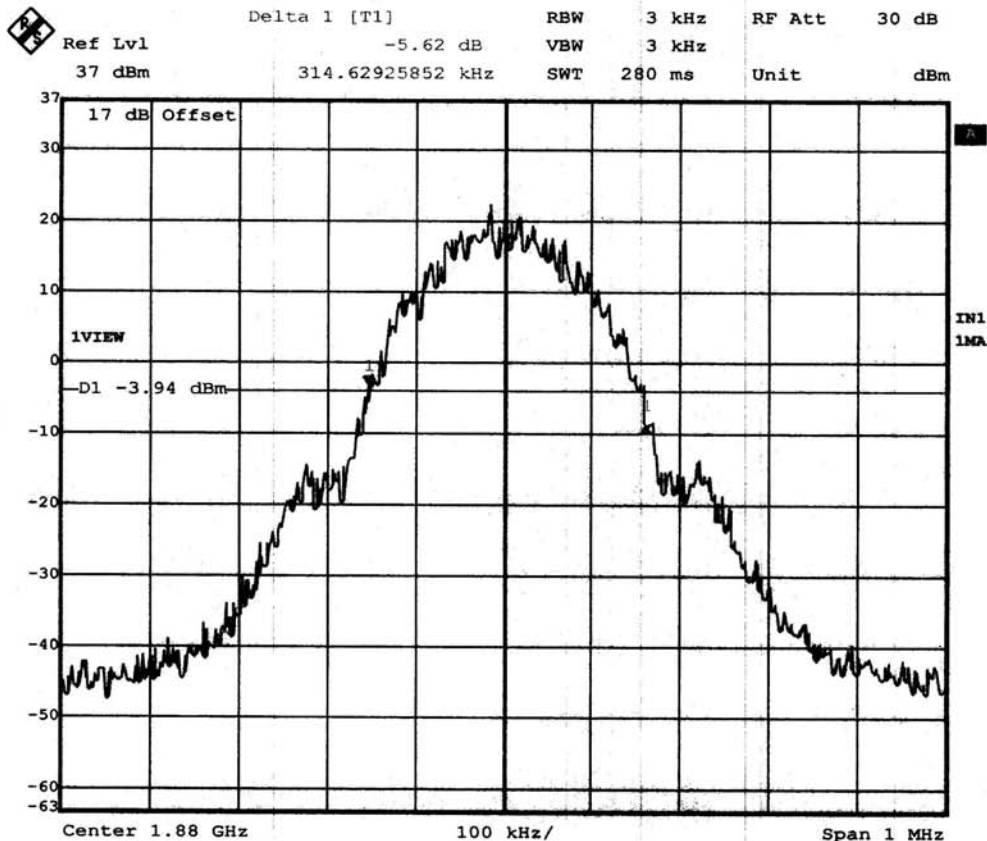
Date: 27.SEP.2003 14:55:46

-26dBc BANDWIDTH CHANNEL 251(GSM-850)

Date: 27.SEP.2003 14:58:27

-26dBc BANDWIDTH CHANNEL 512(GSM-1900)

Date: 29.SEP.2003 11:54:23

-26dBc BANDWIDTH CHANNEL 661(GSM-1900)

Date: 29.SEP.2003 11:51:30

-26dBc BANDWIDTH CHANNEL 810(GSM-1900)



Delta 1 [T1]

RBW

3 kHz

RF Att

30 dB

Ref Lvl

-0.59 dB

VBW

3 kHz

37 dBm

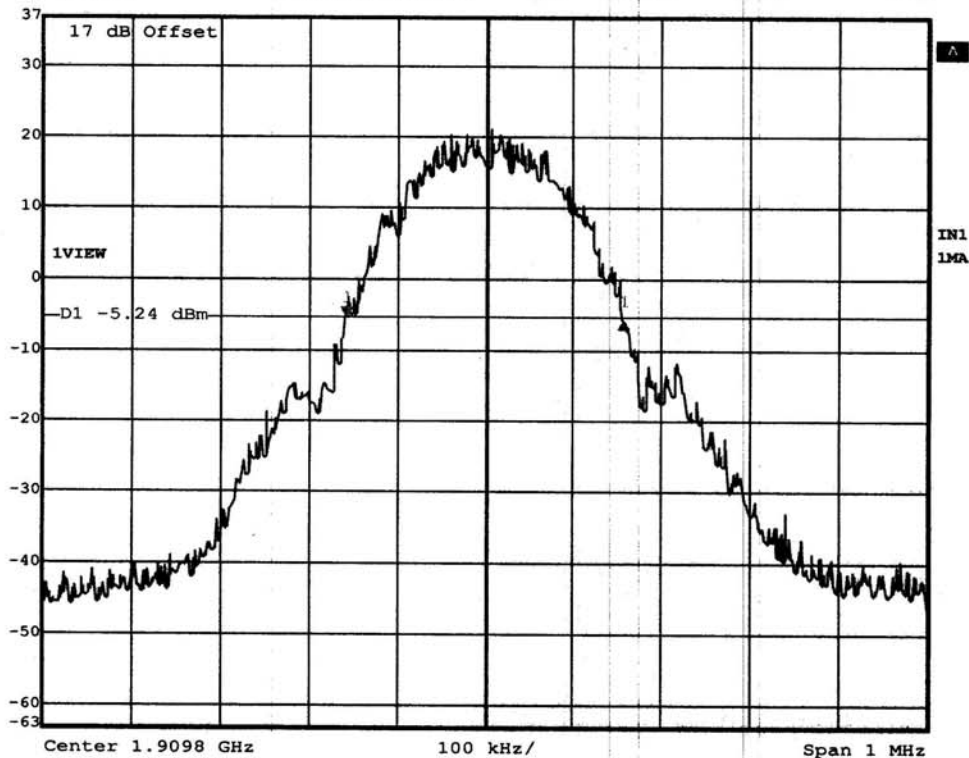
314.62925852 kHz

SWT

280 ms

Unit

dBm



Date: 29.SEP.2003 11:49:06