Type Acceptance Test Report

Multimode PCS Repeater
FCC Rule Parts: 2, 15 & 24

ACS Report Number: 03-0089-24TA

Manufacturer: EMS Wireless
Model: Link2Cell

GSM TDMA
Band Edge Compliance

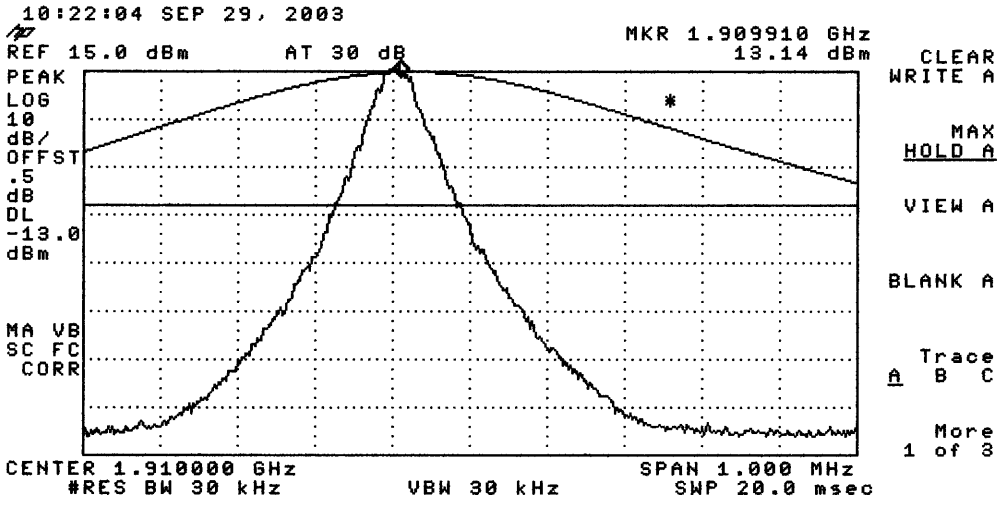
Data Plots

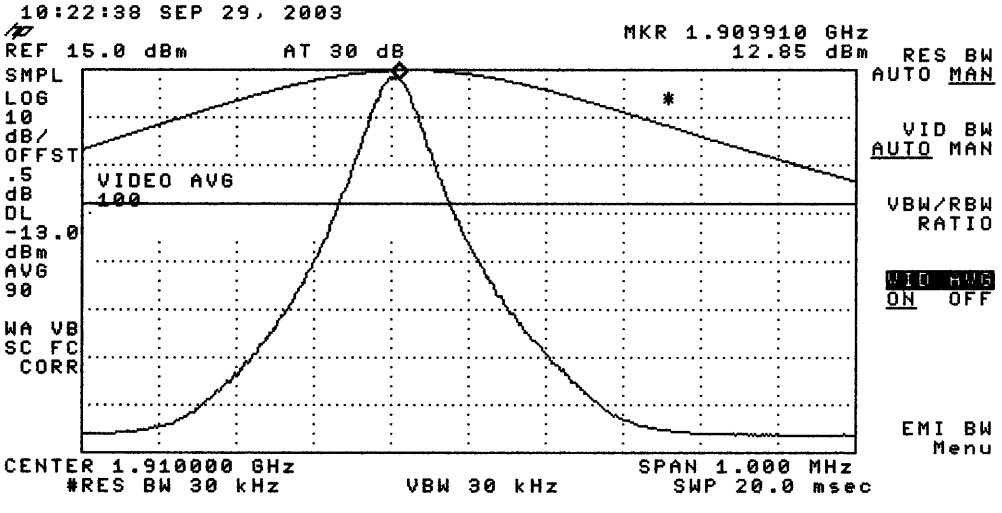
Band Edge Compliance

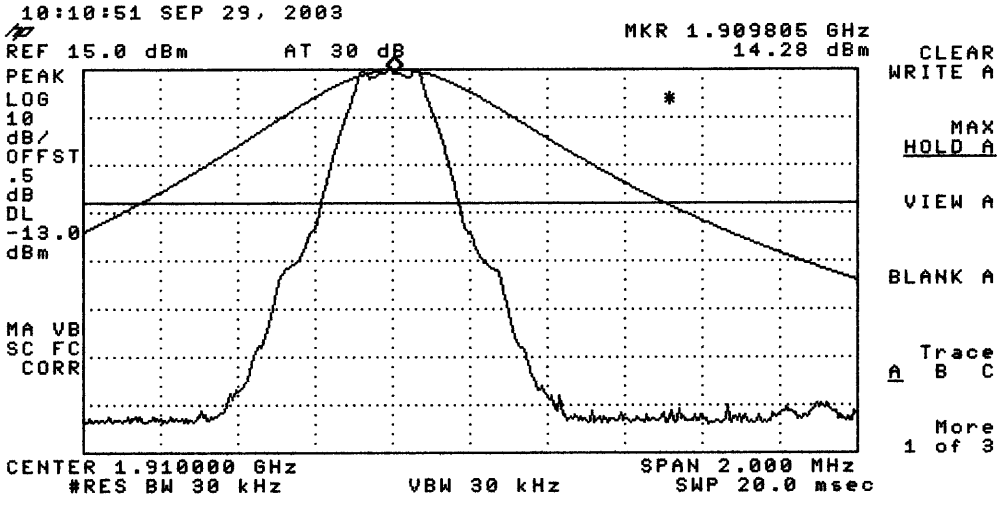
Uplink and downlink band edge plots are shown in plots 7 - 12 below. The test setup is shown in figure 2 below:

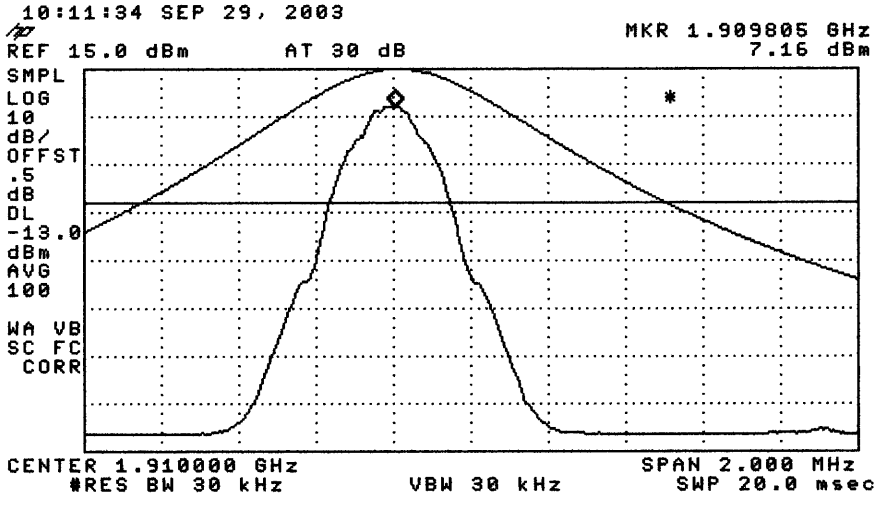
Figure 2: Setup Diagram

Diagram Number	Equipment Type	MFG	Model	Serial Number	Cal Date	Cal Due
1	RF Signal Generator	Agilent	E4432B	A55445-4	4/5/2003	4/5/2004
2	Spectrum Analyzer	Agilent	8593E	A55445-1	4/5/2003	4/5/2004


10:22:04 SEP 29, 2003
MKR 1.909910 GHz
REF 15.0 dBm
AT 30 dB
13.14 dBm
CLEAR
WRITE A
PEAK
LOG
10
dB/
OFFST
.5
dB
DL
-13.0
dBm
MAX
HOLD A
VIEW A
BLANK A
MA VB
SC FC
CORR
Trace
A B C
More
1 of 3
CENTER 1.910000 GHz
SPAN 1.000 MHz
#RES BW 30 kHz
VBW 30 kHz
SWP 20.0 msec


10:22:38 SEP 29, 2003
MKR 1.909910 GHz
REF 15.0 dBm
AT 30 dB
12.85 dBm
RES BW
AUTO MAN
SMPL
LOG
10
dB/
OFFST
.5
dB
VIDEO AVG
100
DL
-13.0
dBm
AVG
90
VID BW
AUTO MAN
VBW/RBW
RATIO
VID AVG
ON OFF
WA VB
SC FC
CORR
EMI BW
Menu
CENTER 1.910000 GHz
SPAN 1.000 MHz
#RES BW 30 kHz
VBW 30 kHz
SWP 20.0 msec


10:10:51 SEP 29, 2003
REF 15.0 dBm
AT 30 dB
MKR 1.909805 GHz
14.28 dBm
PEAK
LOG
10
dB/
OFFST
.5
dB
DL
-13.0
dBm
MA VB
SC FC
CORR
CLEAR
WRITE A
MAX
HOLD A
VIEW A
BLANK A
Trace
A B C
More
1 of 3
CENTER 1.910000 GHz
#RES BW 30 kHz
VBW 30 kHz
SPAN 2.000 MHz
SWP 20.0 msec


10:11:34 SEP 29, 2003
REF 15.0 dBm
AT 30 dB
MKR 1.909805 GHz
7.16 dBm
SMPL
LOG
10
dB/
OFFST
.5
dB
DL
-13.0
dBm
AVG
100
WA VB
SC FC
CORR
CENTER 1.910000 GHz
#RES BW 30 kHz
VBW 30 kHz
SPAN 2.000 MHz
SWP 20.0 msec