



**Inter-mod Distortion / Conducted Spurious
Emissions Results:
ATEMC000057**

Applicant:
Arrista Technologies Inc.
5-55 Henlow Bay
Winnipeg, MB, CA
R3Y 1G4

Equipment Under Test (EUT):
TDMA / CDMA / GSM
Bi-Directional Cellular Signal Amplifier

MODEL:
CR500

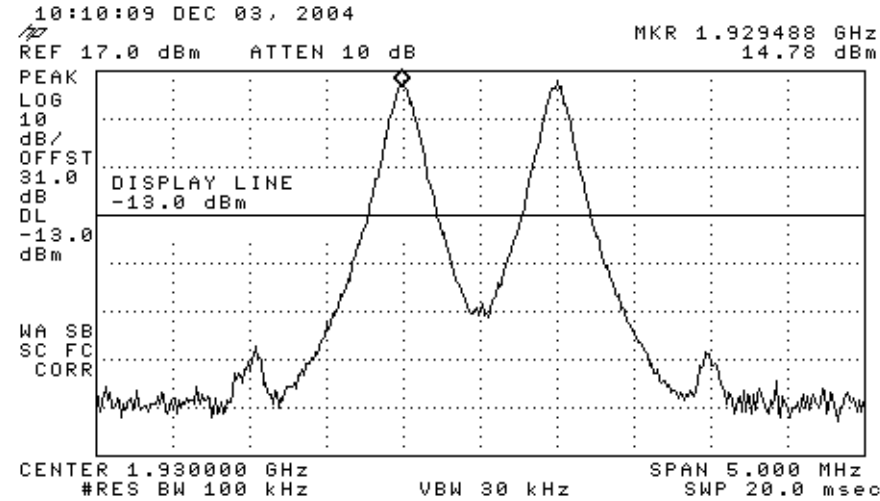
FCC ID:
P35WYPCJTE6

IN ACCORDANCE WITH:
FCC PART 2, FCC PART 24,
CELLULAR BAND REPEATERS

1. TWO-TONE TEST RESULTS

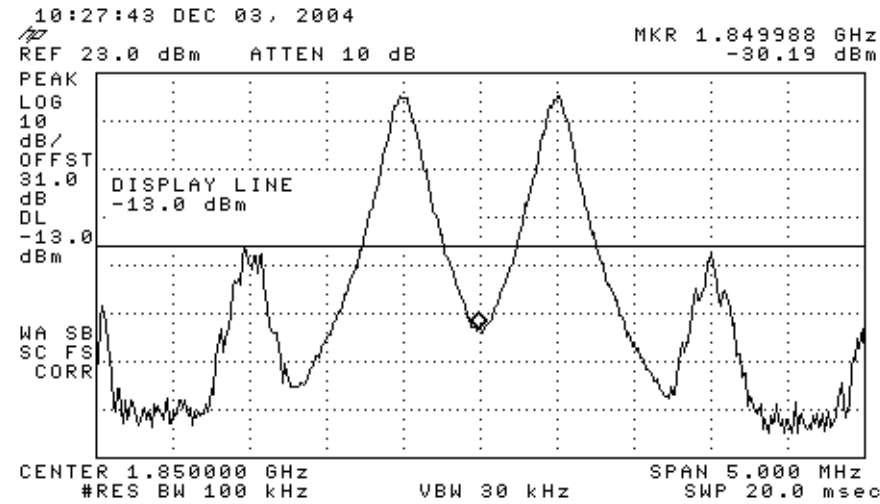
1.1. PLOT DATA

NADC Uplink; Sig Gen Input



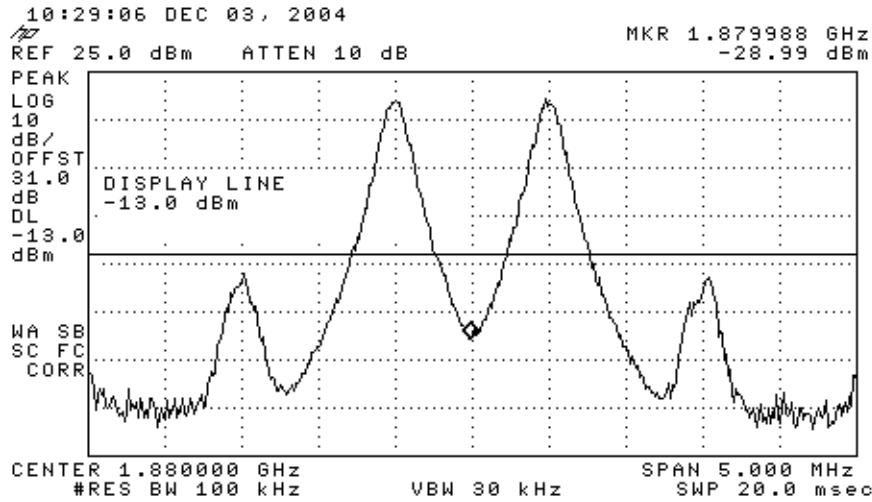
RT

NADC Uplink IMD Results; 1850 MHz



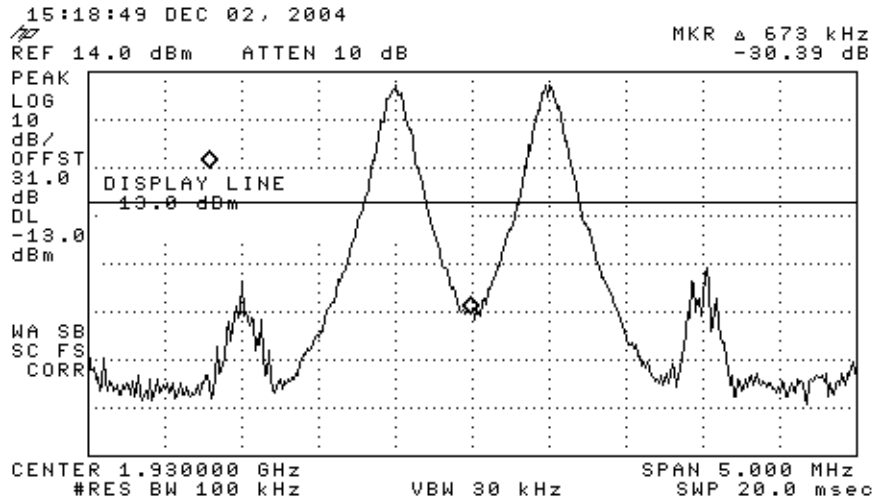
RL

NADC Uplink IMD Results; 1880 MHz



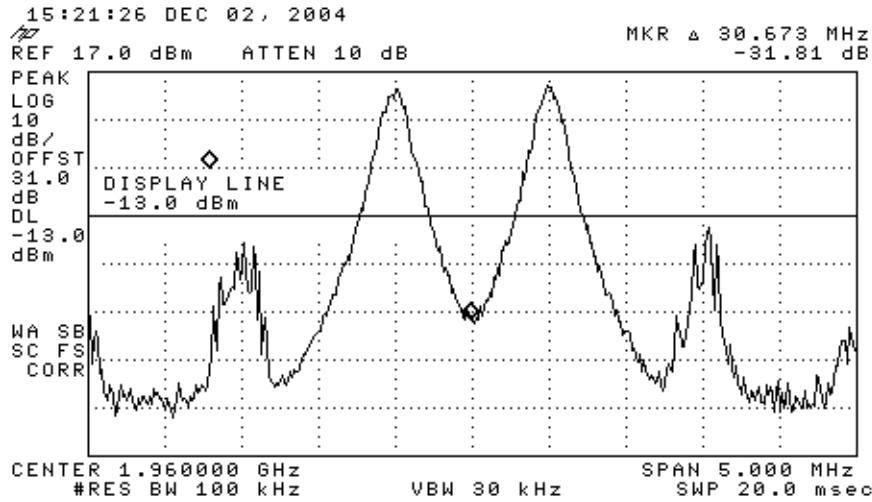
RT

NADC Downlink IMD Results; 1930 MHz



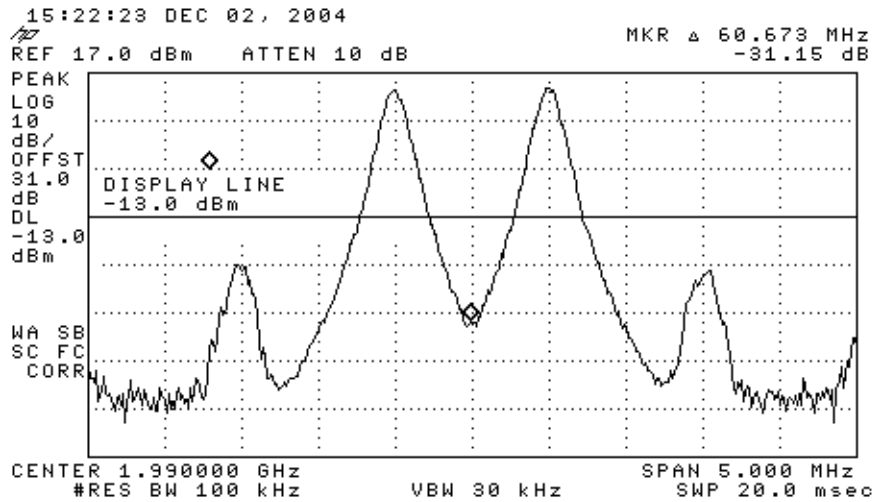
L

NADC Downlink IMD Results; 1960 MHz



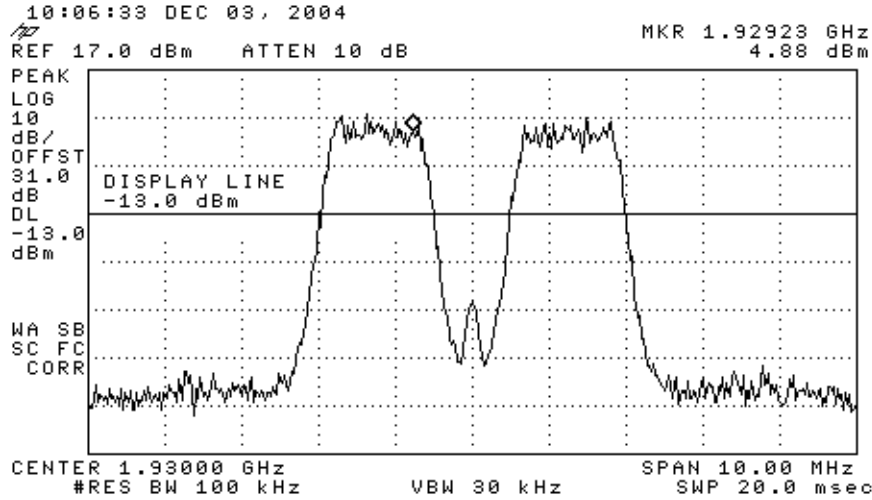
RL

NADC Downlink IMD Results; 1990 MHz



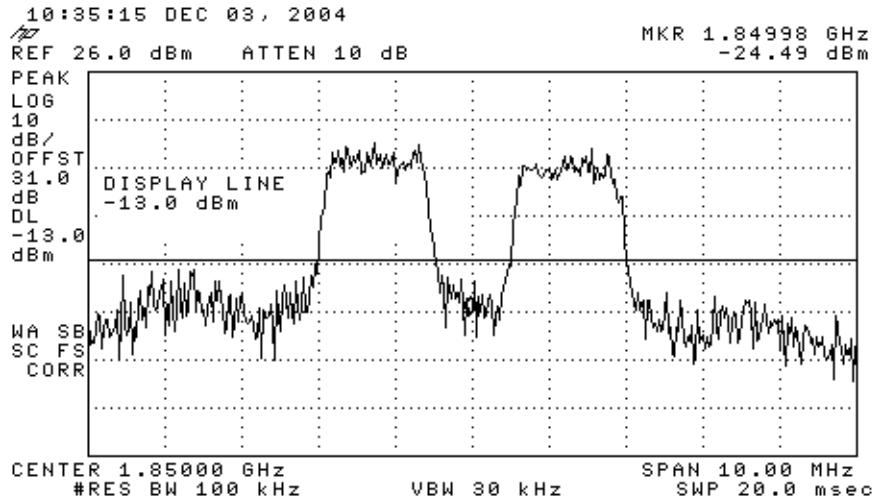
RT

CDMA Signal Generator Input to EUT;



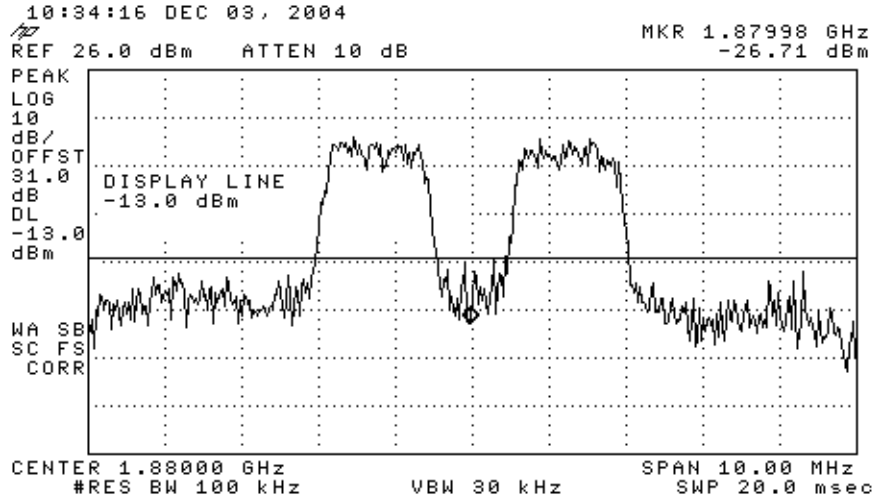
RT

CDMA Uplink IMD Results; 1850 MHz



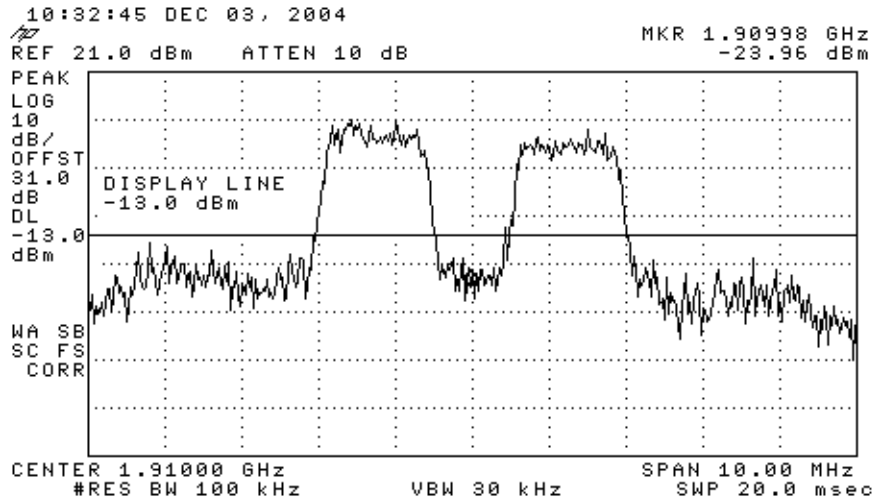
RL

CDMA Uplink IMD Results; 1880 MHz



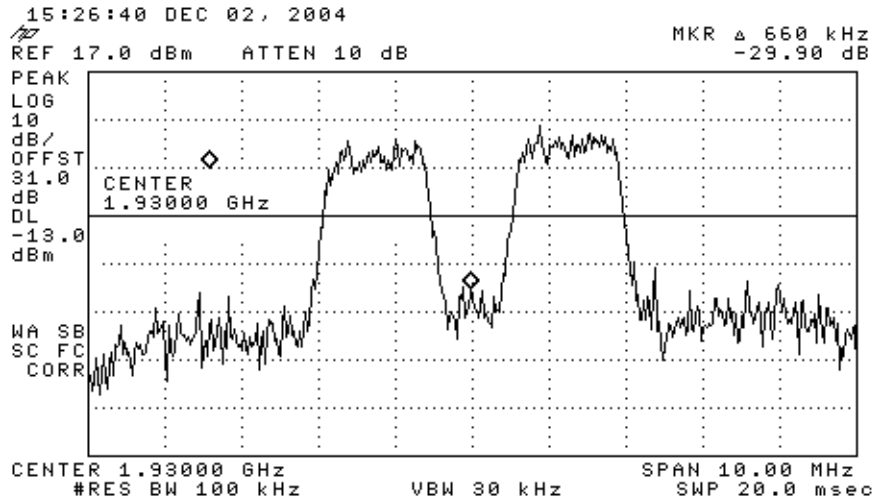
RL

CDMA Uplink IMD Results; 1910 MHz



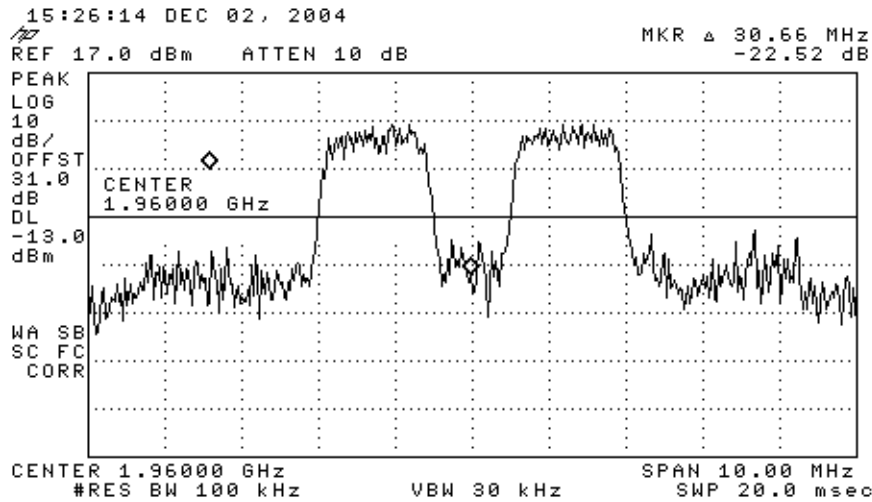
RL

CDMA Downlink IMD Results; 1930 MHz



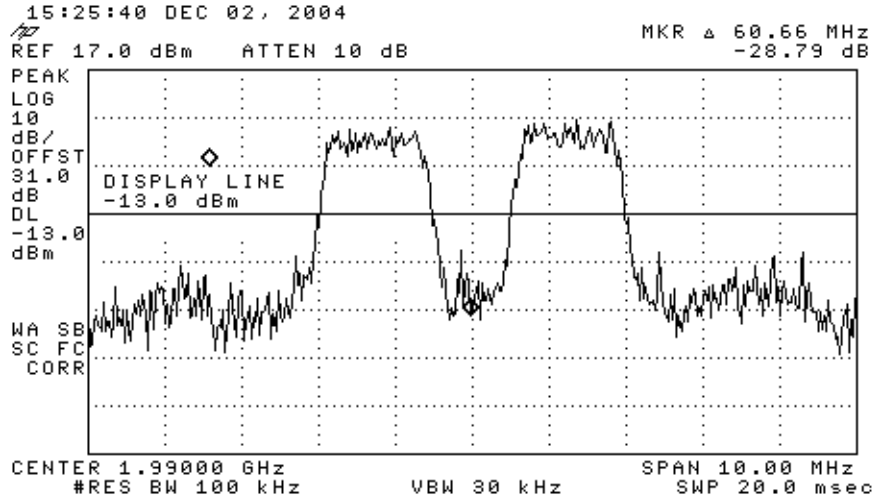
RT

CDMA Downlink IMD Results; 1960 MHz

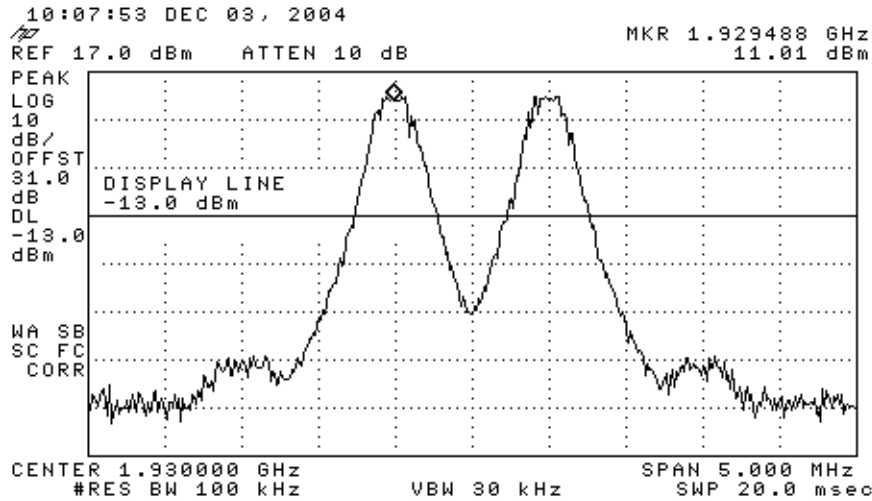


RT

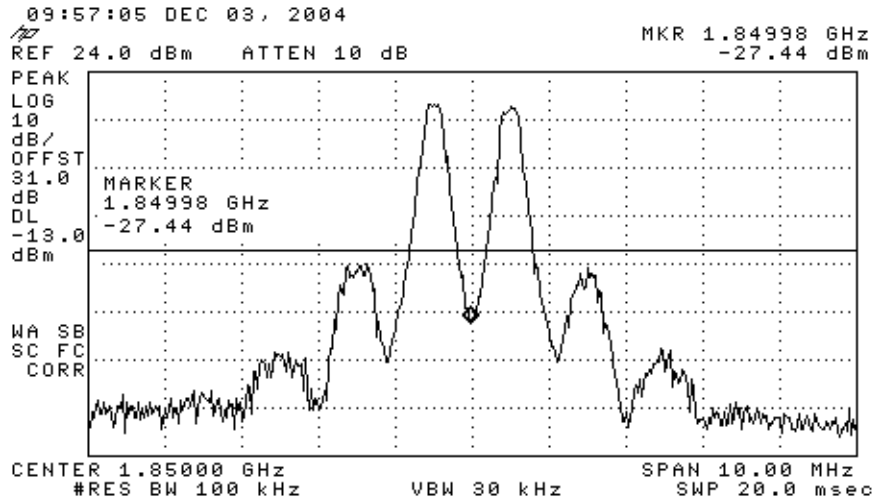
CDMA Downlink IMD Results; 1990 MHz



GSM Sig Gen Input

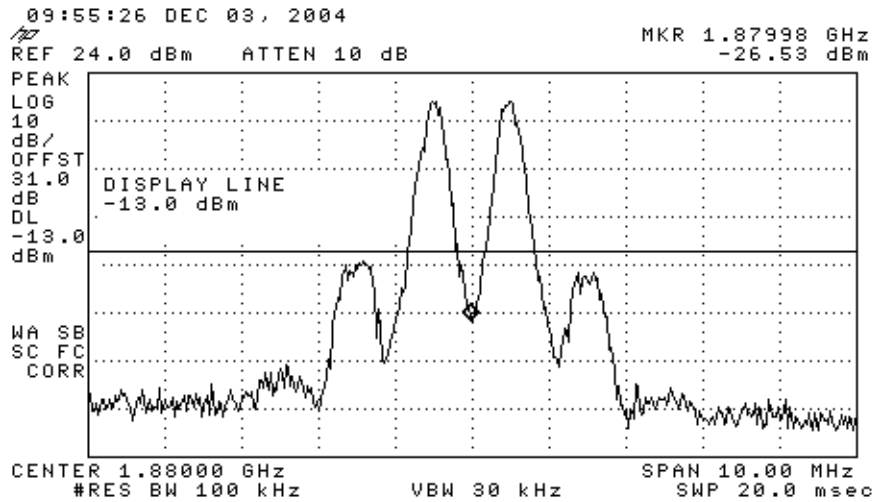


GSM Uplink IMD Results; 1850 MHz



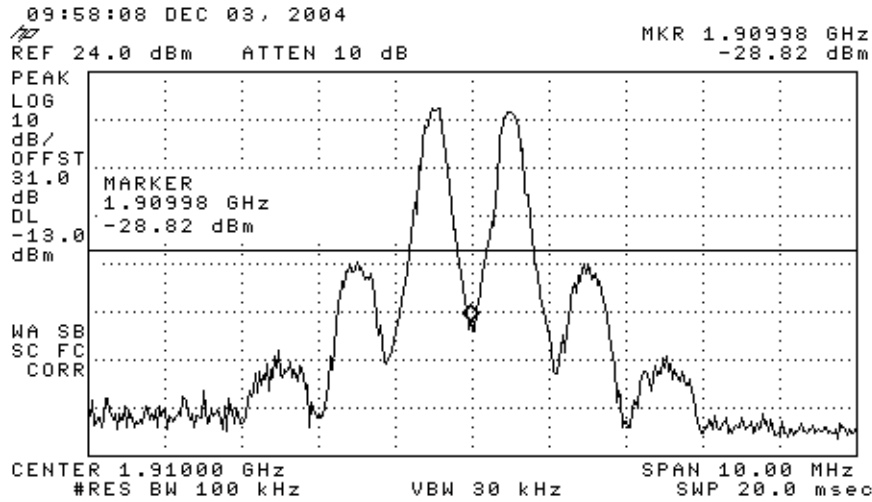
RT

GSM Uplink IMD Results; 1880 MHz



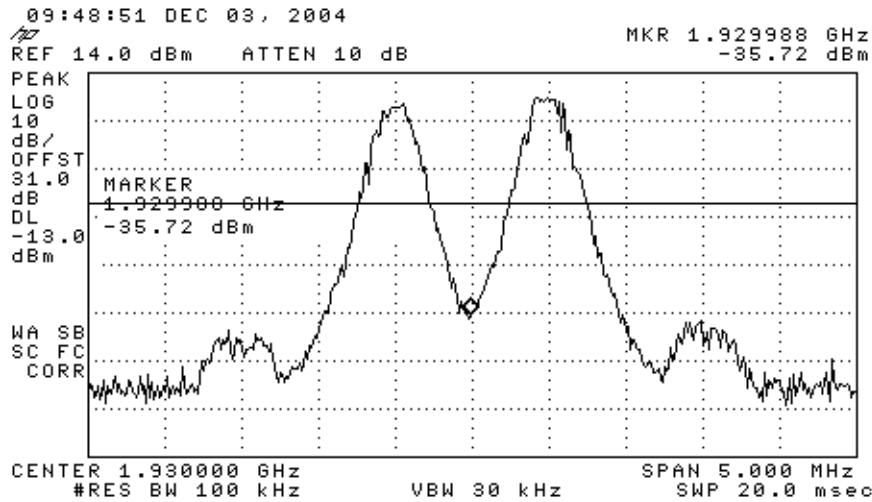
RT

GSM Uplink IMD Results; 1910 MHz



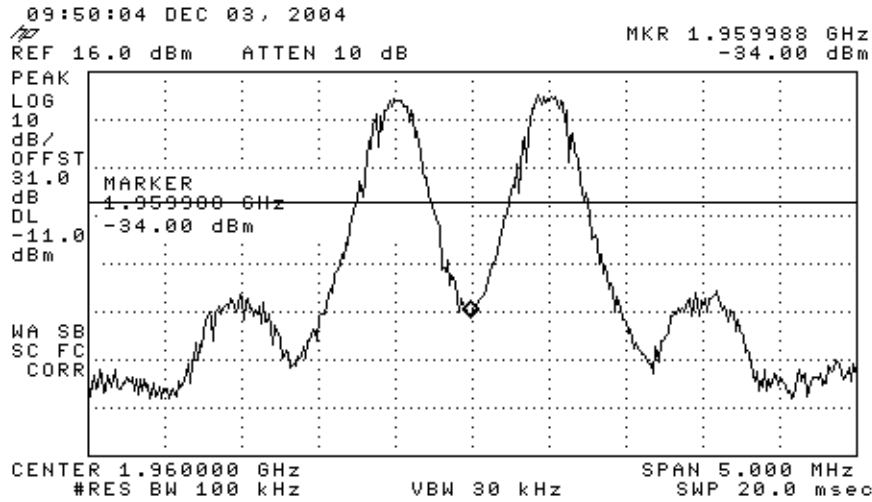
RL

GSM Dnlink IMD Results; 1930 MHz



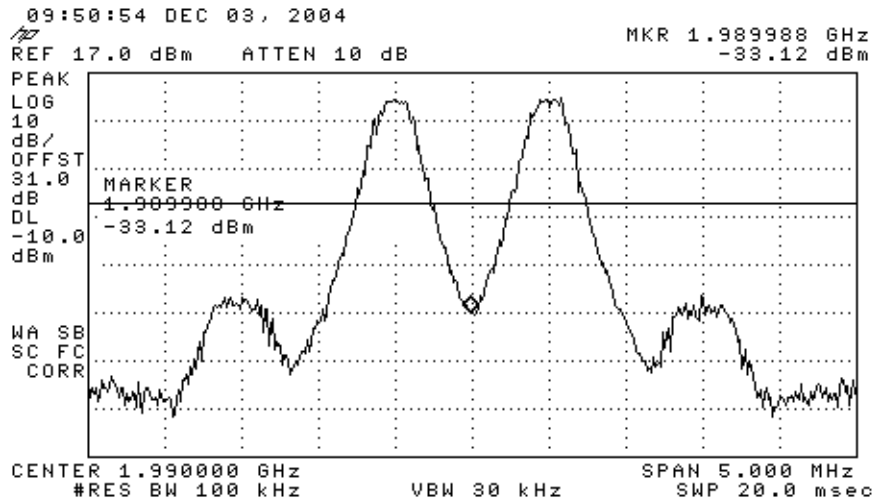
RT

GSM Dnlink IMD Results; 1960 MHz



RT

GSM Dnlink IMD Results; 1990 MHz

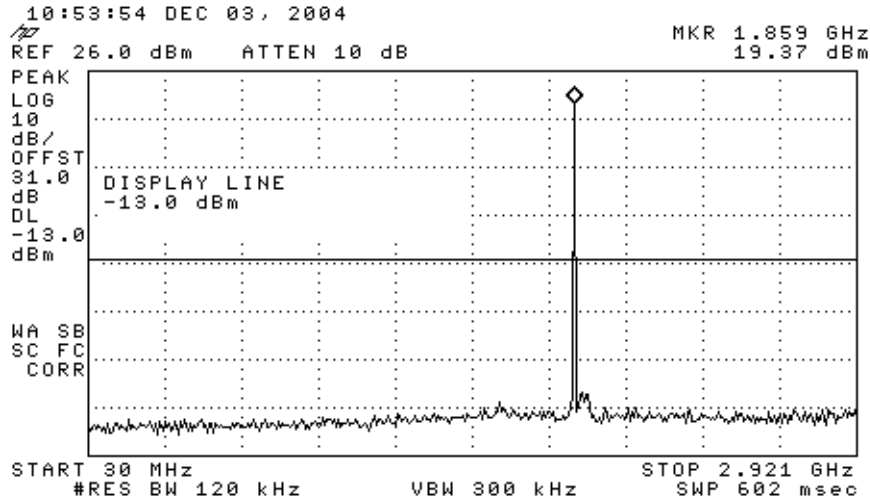


RT

2. CONDUCTED SPURIOUS EMISSIONS

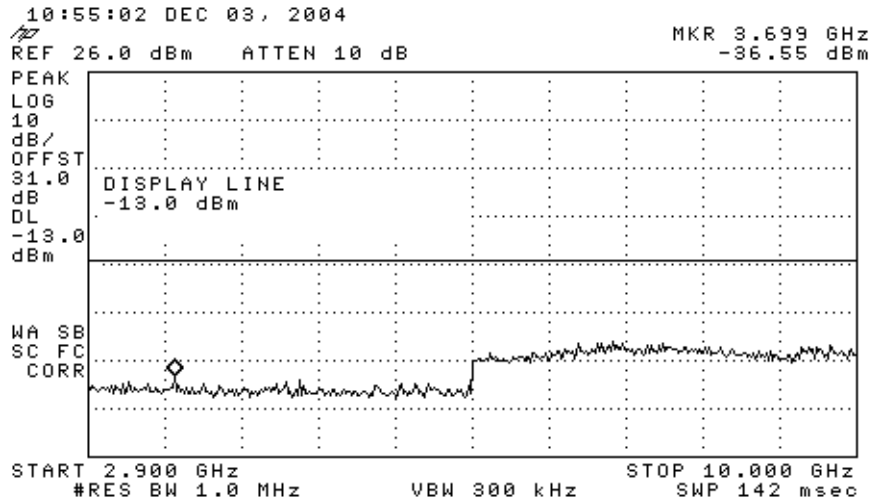
2.1. PLOT DATA

Cond Spurious Emissions; Up -link; Frequency 1850.0 MHz



RL

Cond Spurious Emissions; Up -link; Frequency 1850.0 MHz

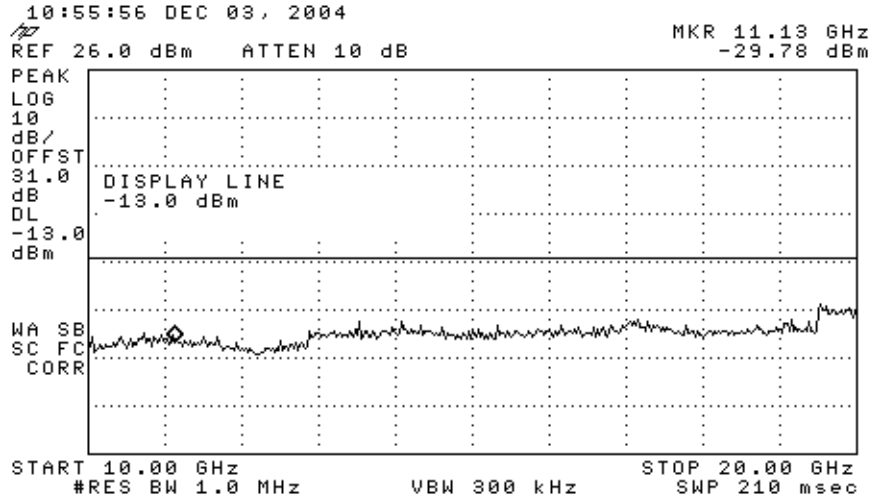


RT

Applicant: Arrista Technologies Inc.

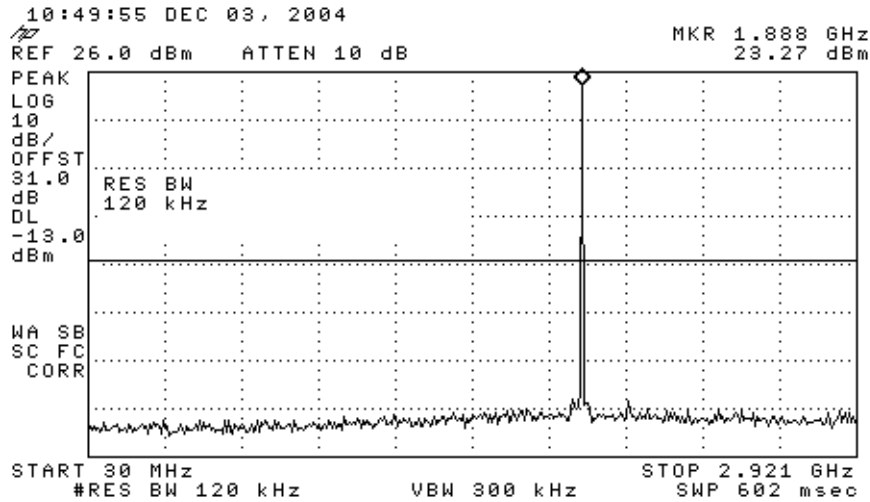
Equipment: CR500 Bi-Directional Cellular Signal Amplifier

Cond Spurious Emissions; Up -link; 1850 MHz



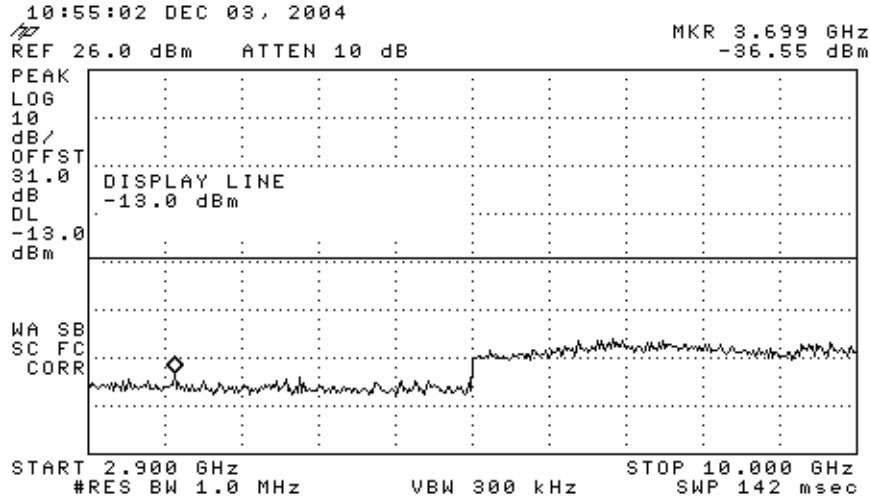
RT

Cond Spurious Emissions; Up -link; Frequency 1880.0 MHz



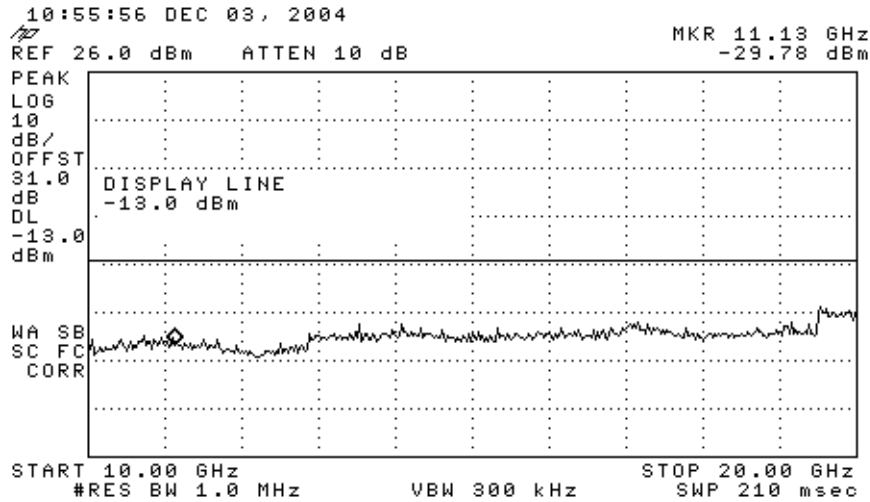
RL

Cond Spurious Emissions; Up -link; Frequency 1880.0 MHz



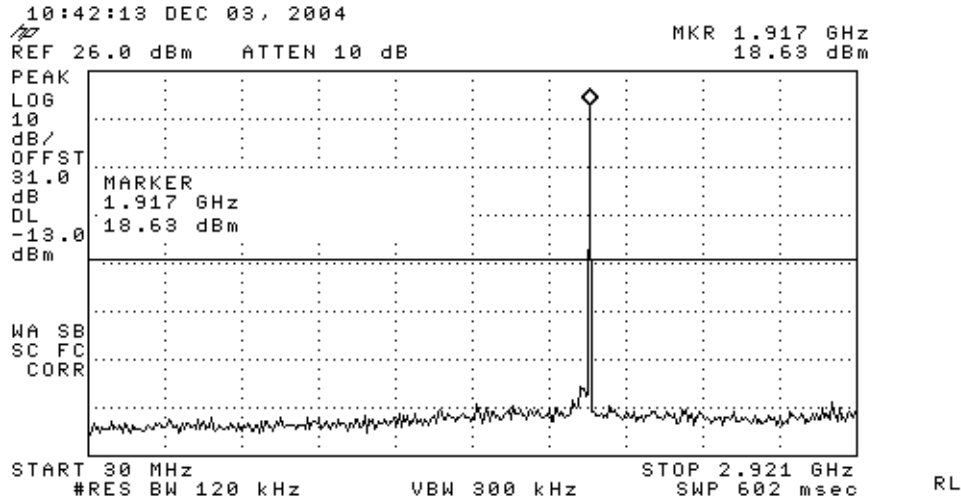
RT

Cond Spurious Emissions; Up -link; Frequency 1880.0 MHz

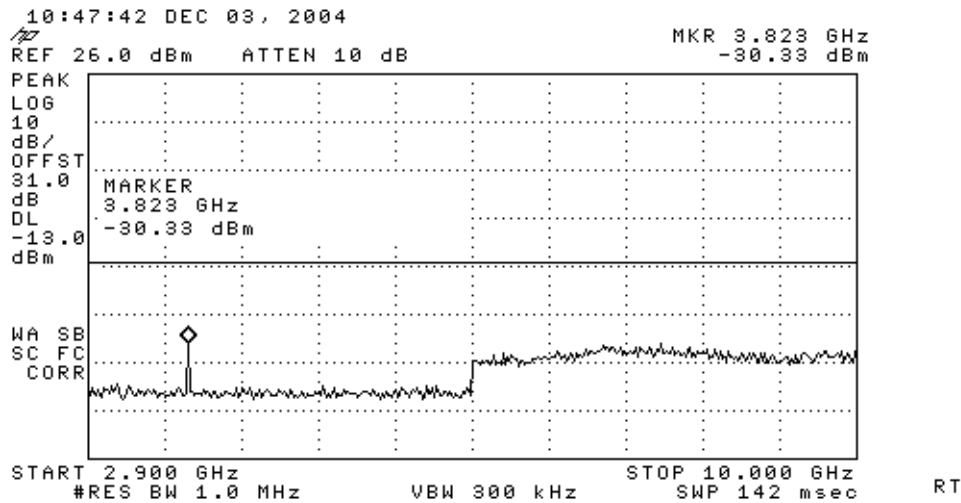


RT

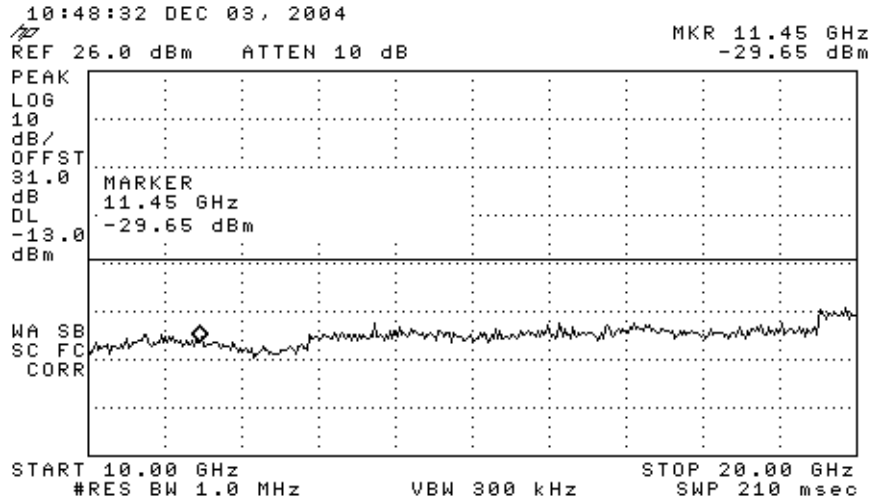
Cond Spurious Emissions; Up -link; Frequency 1910.0 MHz



Cond Spurious Emissions; Up -link; Frequency 1910.0 MHz

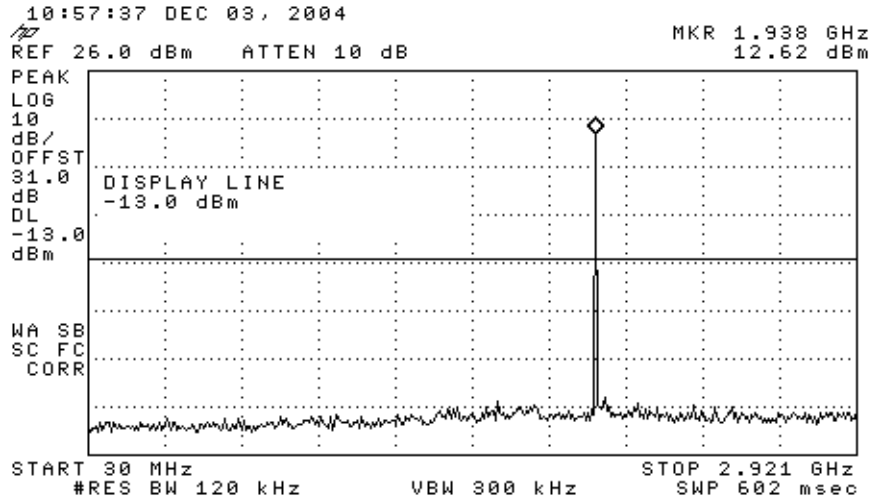


Cond Spurious Emissions; Up -link; Frequency 1910.0 MHz



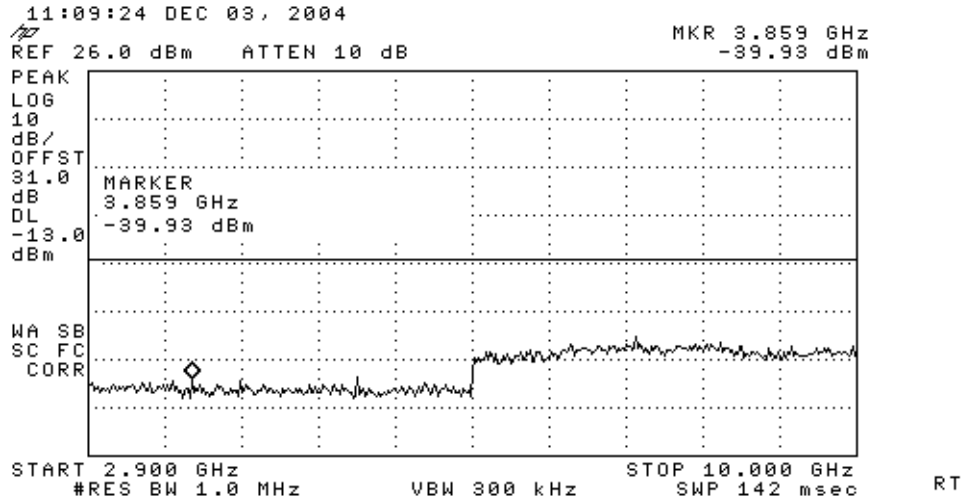
RT

Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz

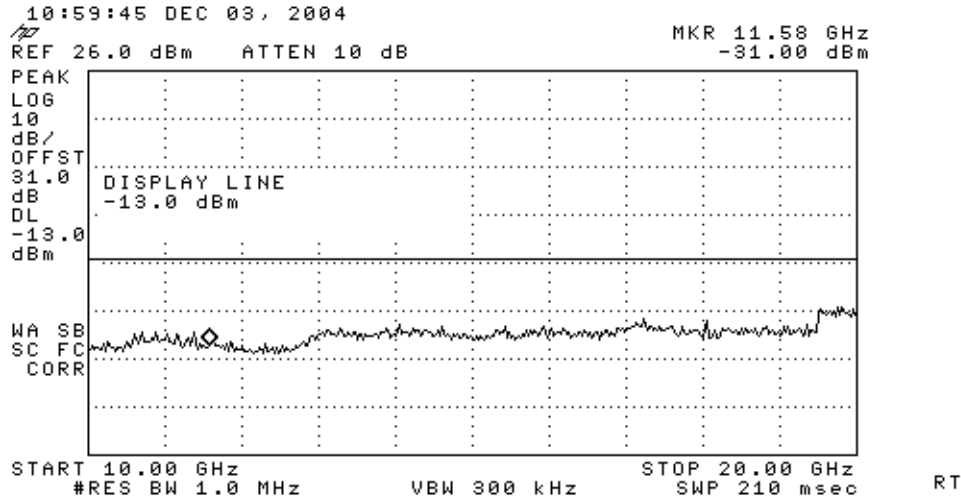


RL

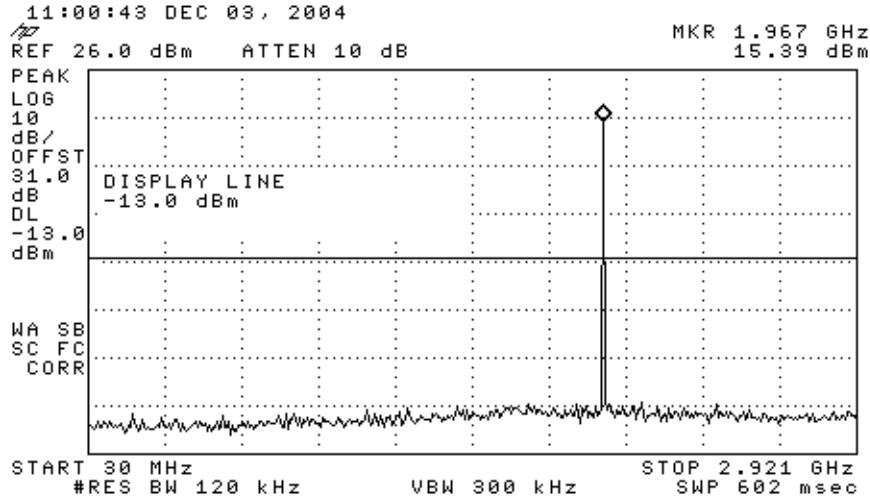
Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz

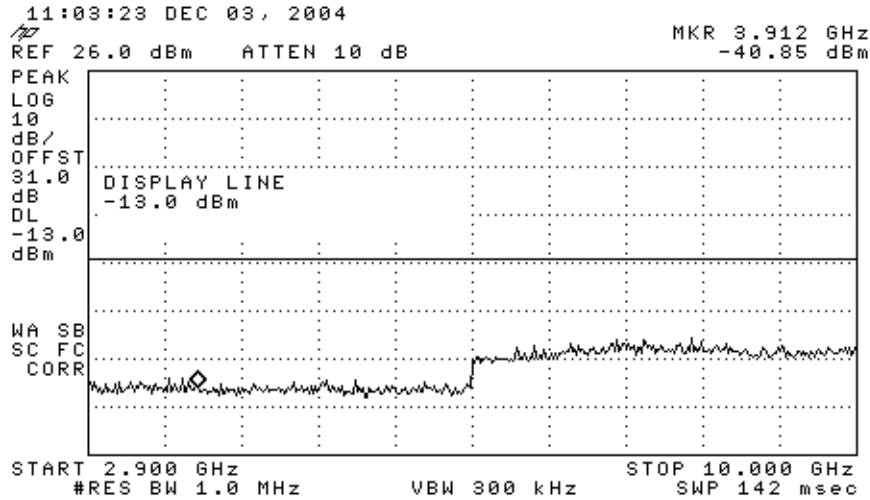


Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



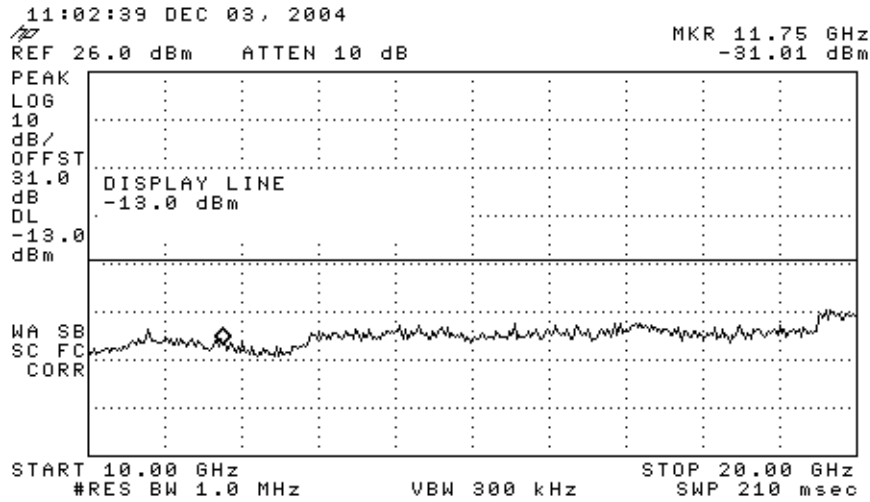
RL

Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



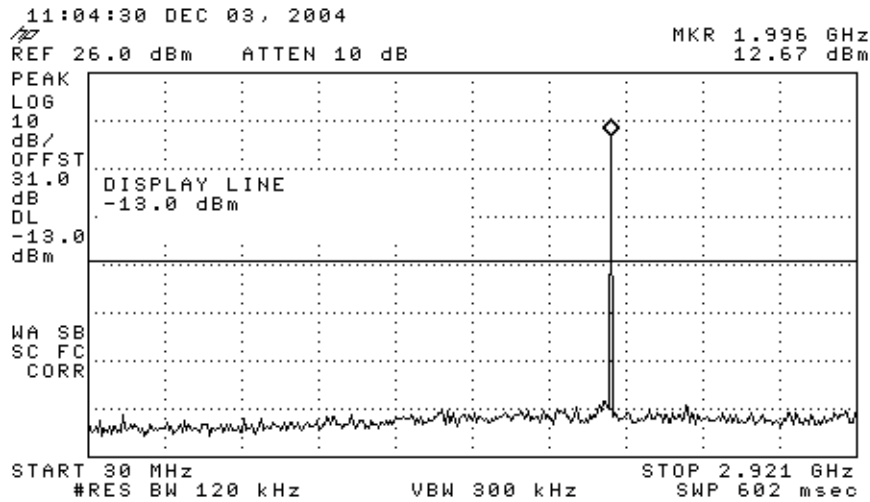
RT

Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



RL

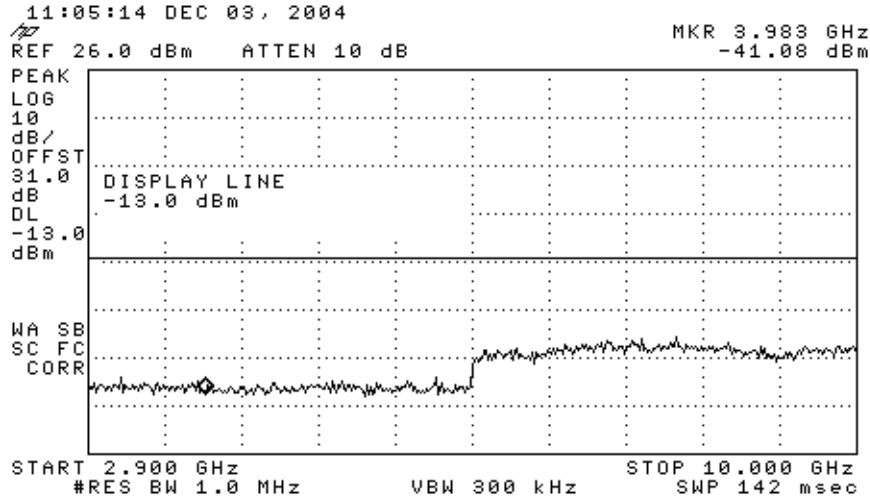
Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



RL

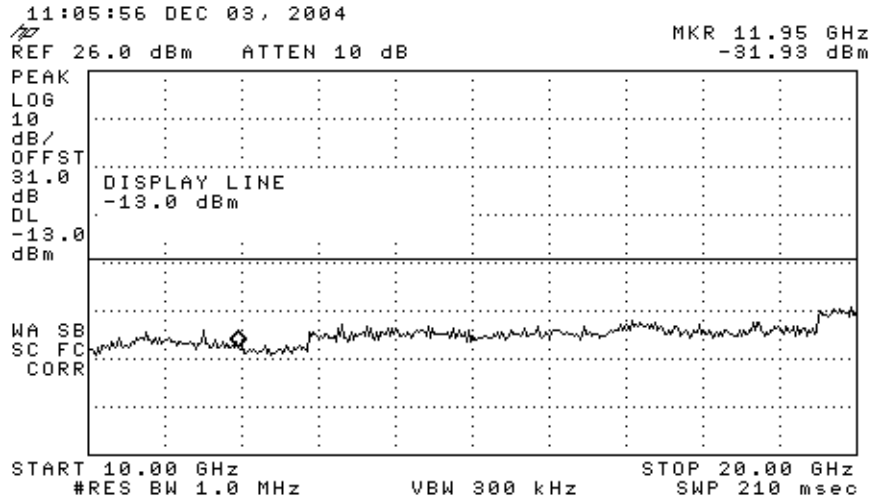


Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



RT

Cond Spurious Emissions; Dn -link; Frequency 1850.0 MHz



RT