



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

ATEMC000043 – Annex 3

Applicant:

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

Equipment Under Test (EUT):

**iDEN
Bi-Directional Signal Amplifier**

MODEL:

CR300

FCC ID:

P35SH2U64GG

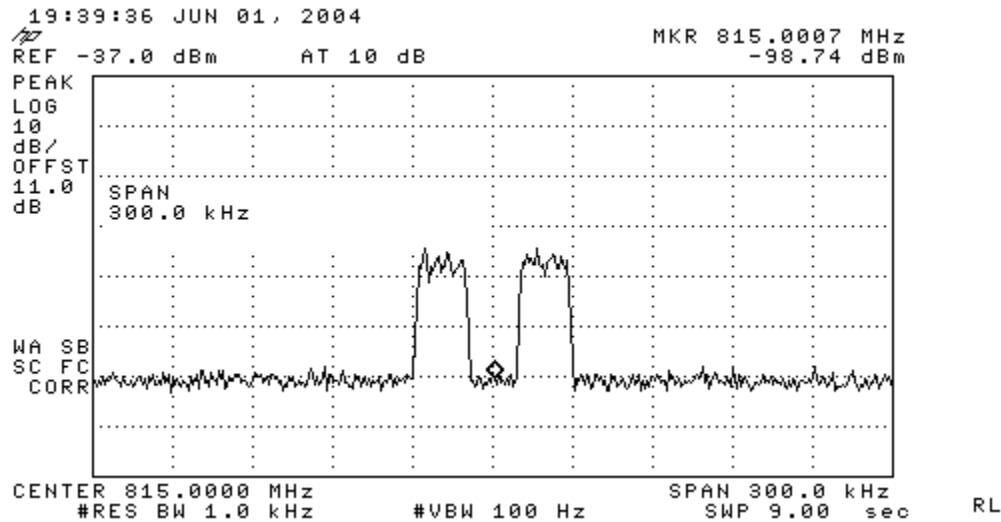
IN ACCORDANCE WITH:

**FCC PART 2,
FCC PART 90, SUBPART I & S
Private Land Mobile Radio Service**

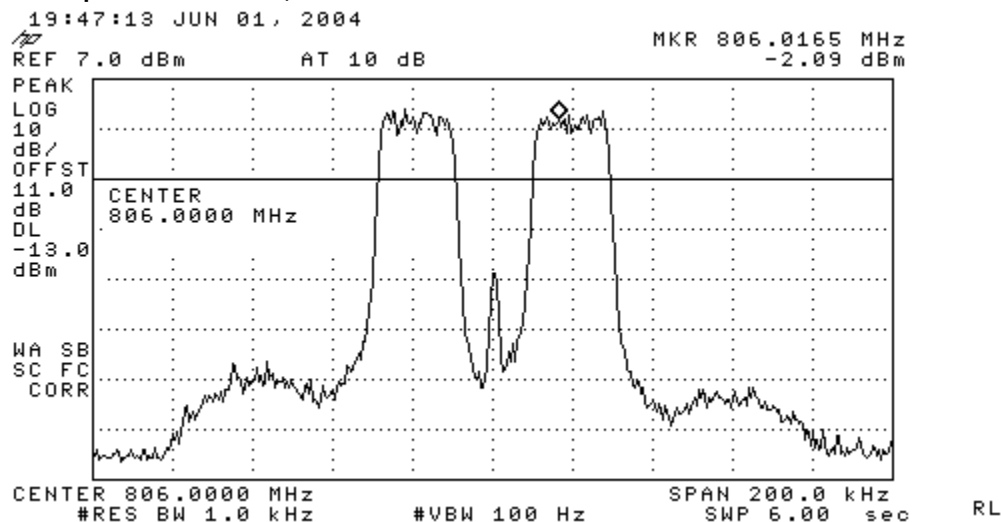
1. TWO-TONE TEST RESULTS

1.1. PLOT DATA

iDEN Sig Gen Input Uplink; 824 MHz



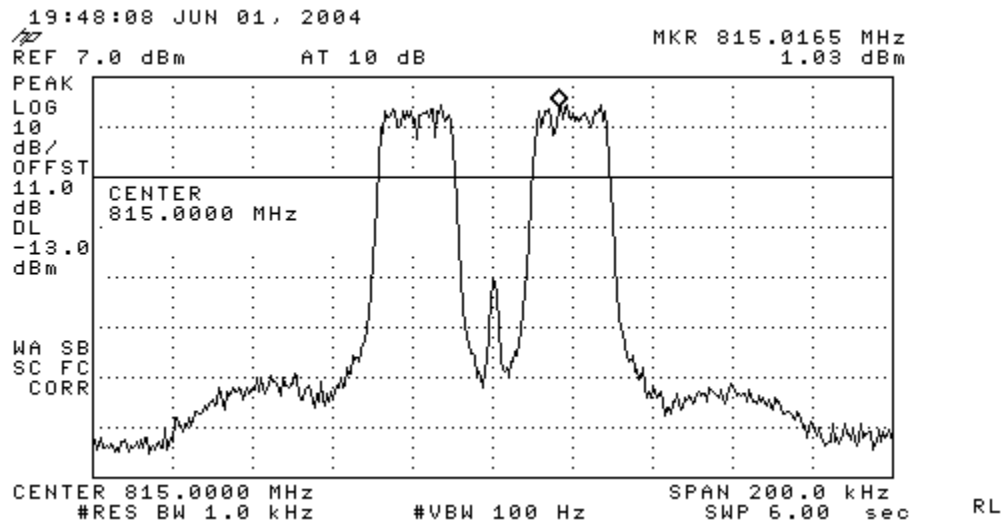
iDEN Uplink IMD Results; 806 MHz



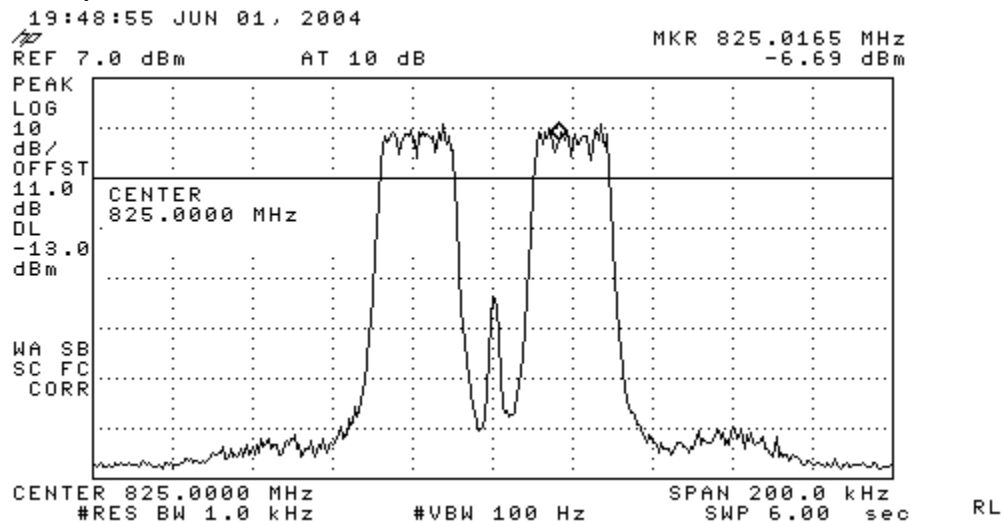
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

iDEN Uplink IMD Results; 815 MHz



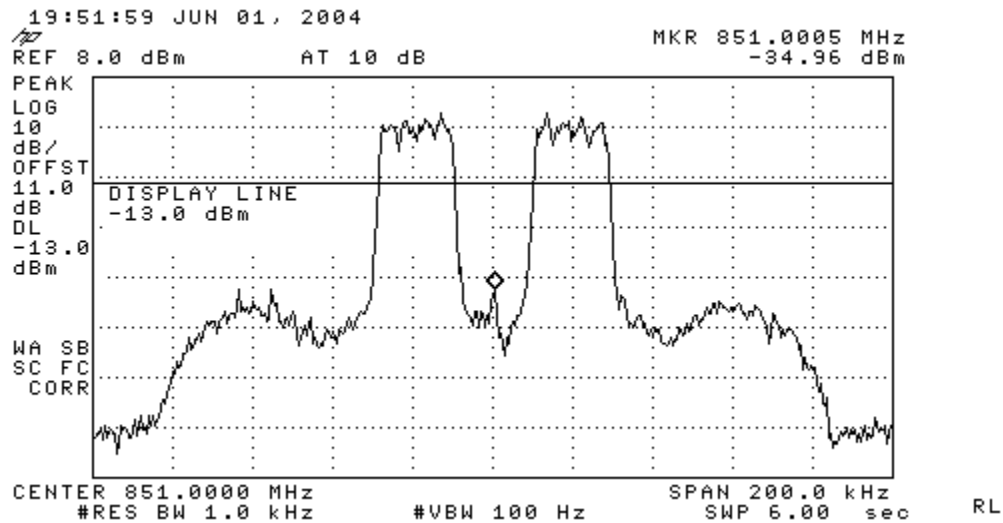
iDEN Uplink IMD Results; 824 MHz



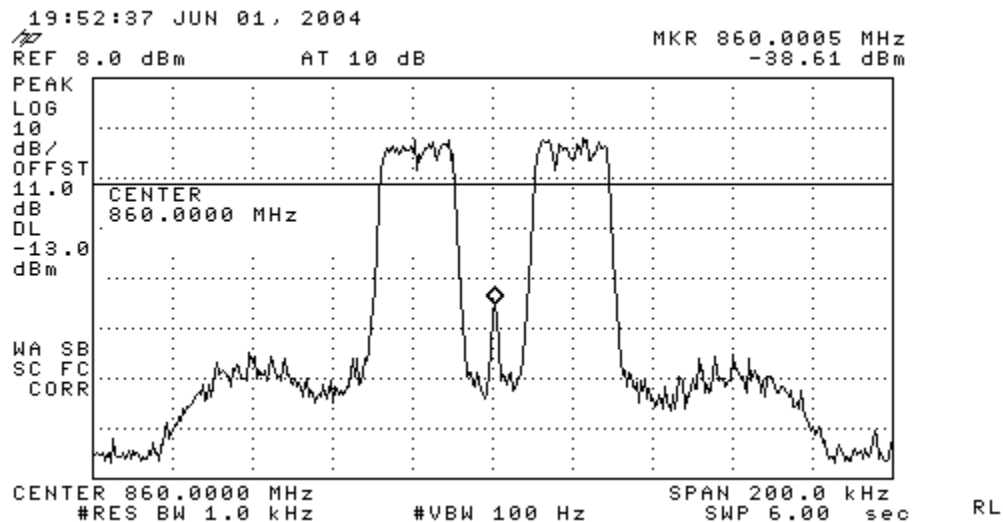
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

iDEN Dnlink IMD Results; 851 MHz



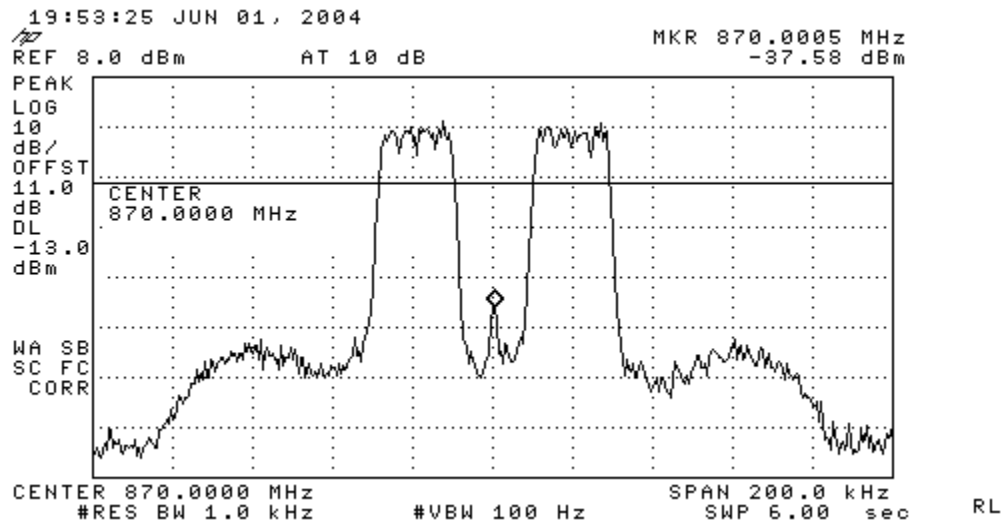
iDEN Dnlink IMD Results; 860 MHz



Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

iDEN Dnlink IMD Results; 870 MHz



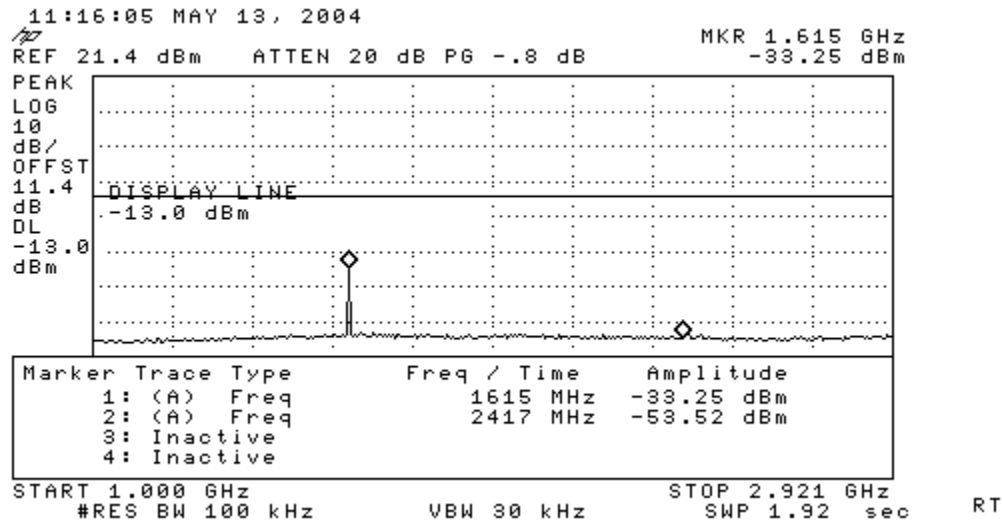
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

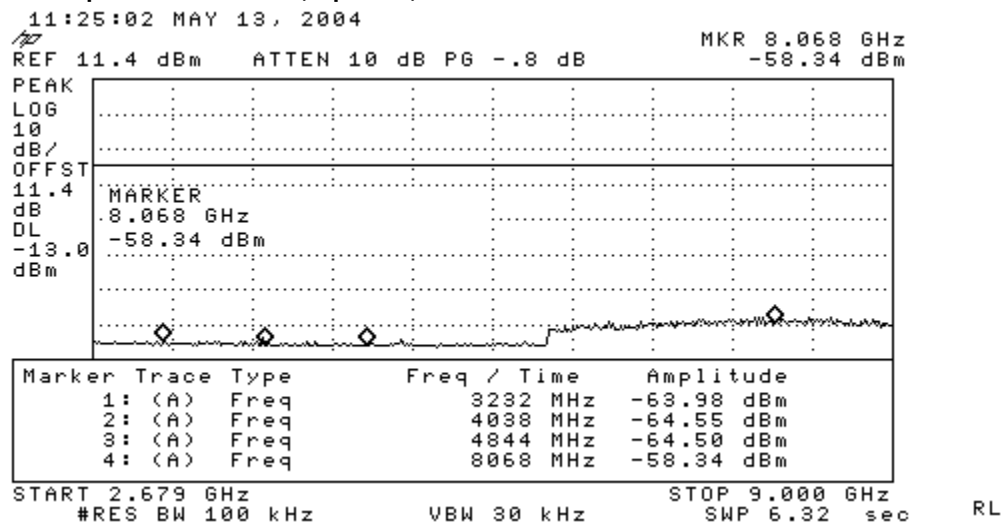
2. CONDUCTED SPURIOUS EMISSIONS

2.1. PLOT DATA

Cond Spurious Emissions; Up -link; 806 MHz



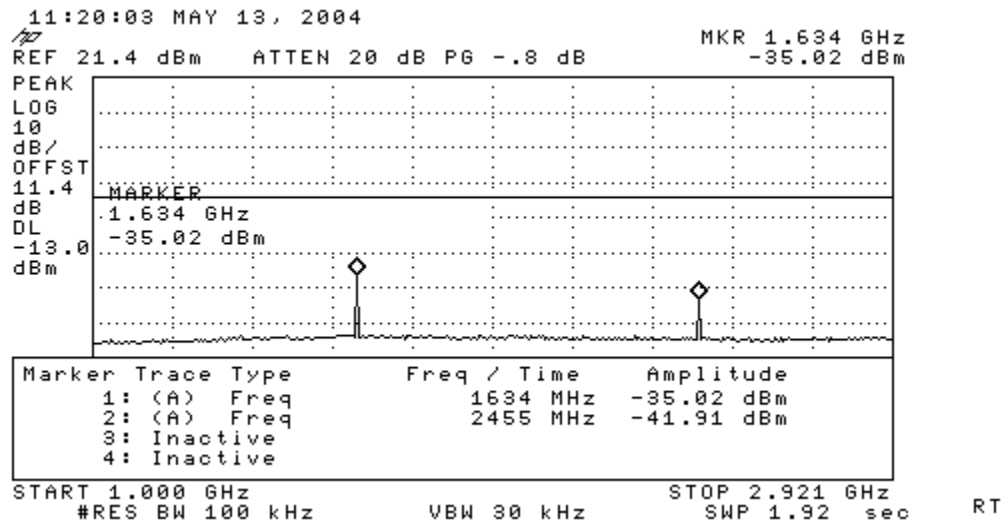
Cond Spurious Emissions; Up -link; 806 MHz



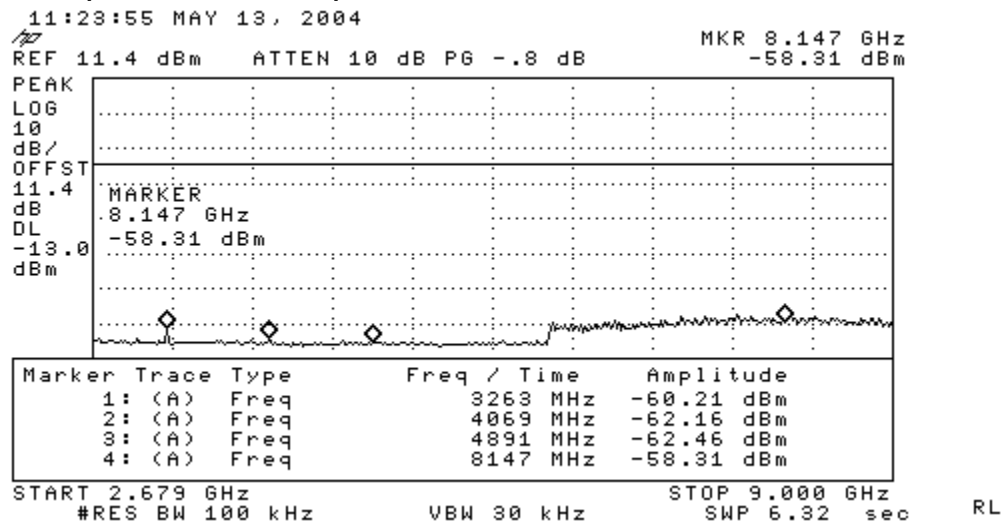
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

Cond Spurious Emissions; Up -link; 815 MHz



Cond Spurious Emissions; Up -link; 815 MHz



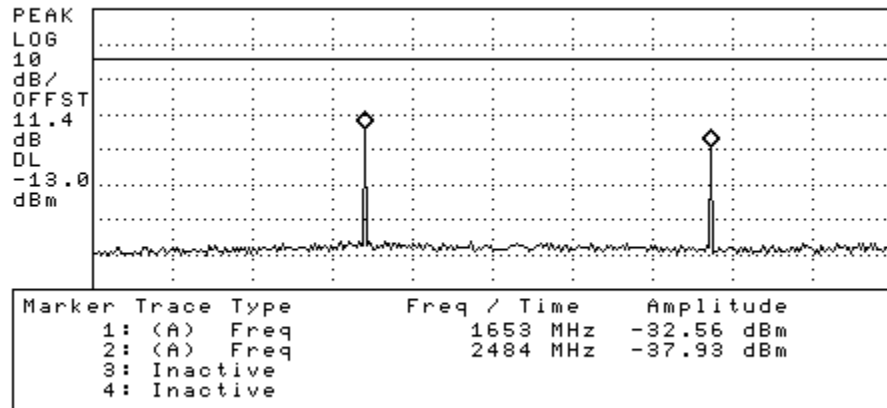
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

Cond Spurious Emissions; Up -link; 825 MHz

11:53:35 MAY 13, 2004

REF 1.4 dBm ATTEN 10 dB PG -.8 dB



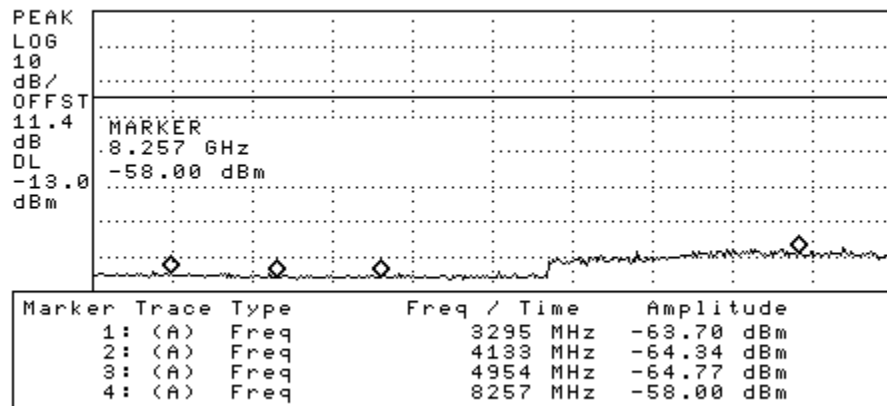
START 1.000 GHz #RES BW 100 kHz VBW 30 kHz STOP 2.921 GHz SWP 1.92 sec

RT

Cond Spurious Emissions; Up -link; 825 MHz

11:22:42 MAY 13, 2004

REF 11.4 dBm ATTEN 10 dB PG -.8 dB MKR 8.257 GHz -58.00 dBm



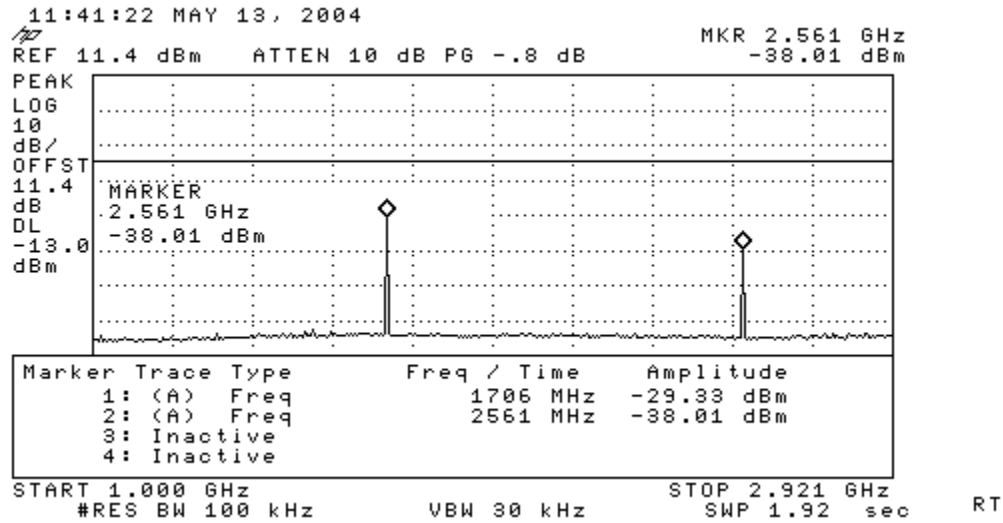
START 2.679 GHz #RES BW 100 kHz VBW 30 kHz STOP 9.000 GHz SWP 6.32 sec

RL

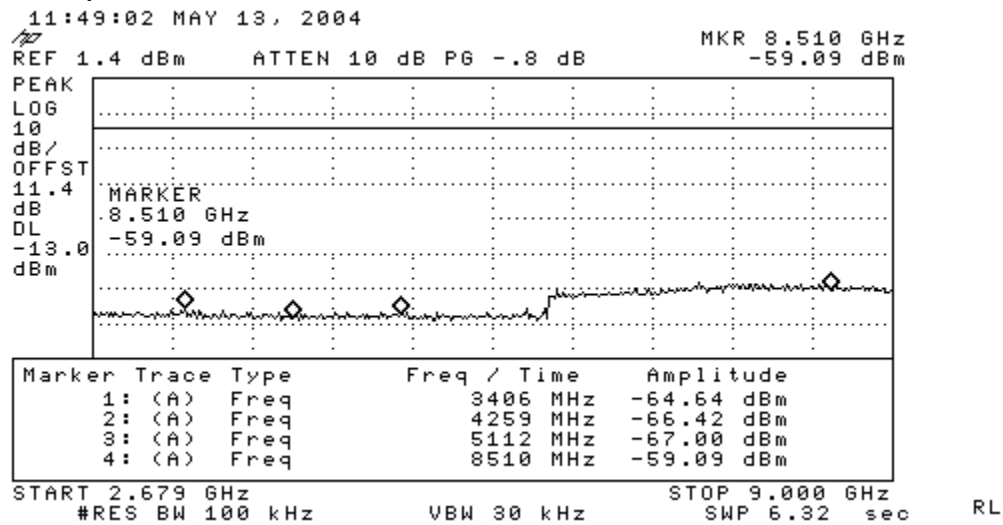
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

Cond Spurious Emissions; Dn-link; 851 MHz



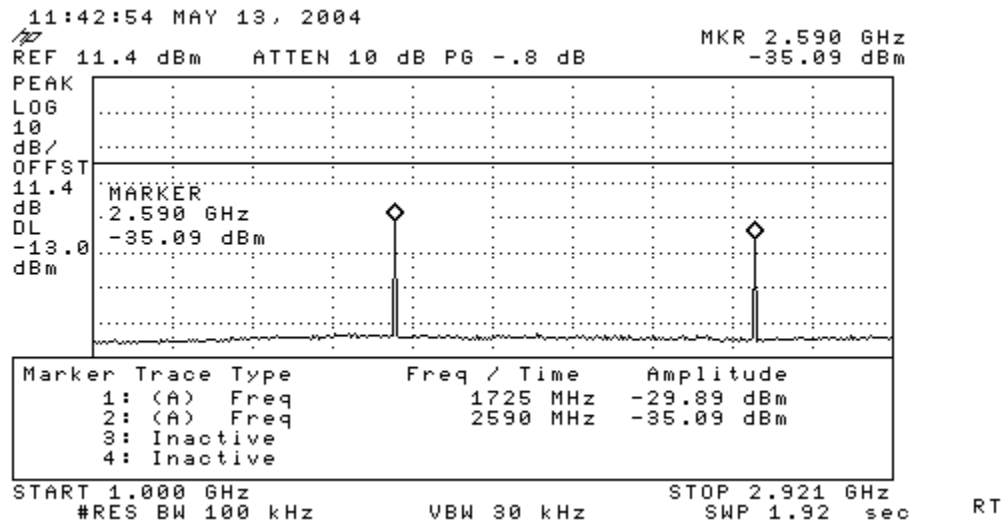
Cond Spurious Emissions; Dn-link; 851 MHz



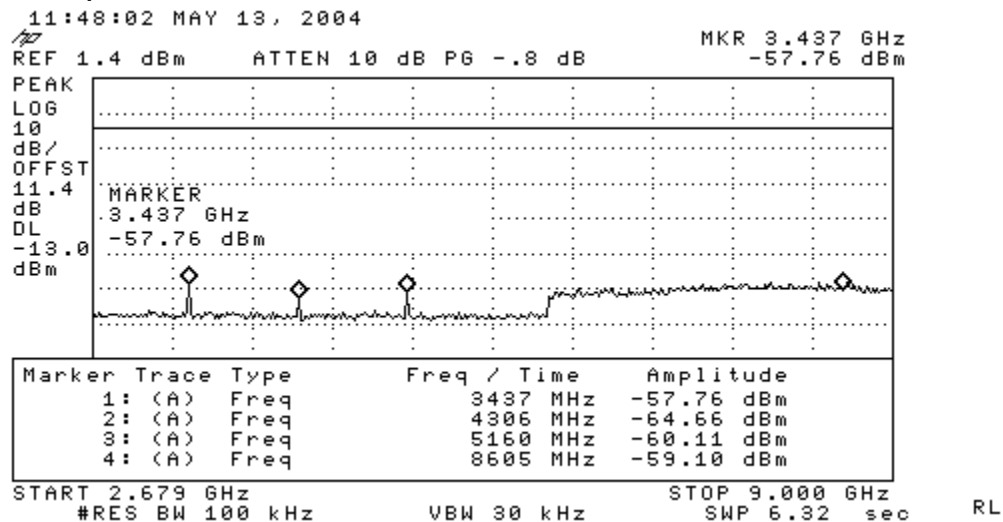
Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.

Cond Spurious Emissions; Dn-link; 860 MHz

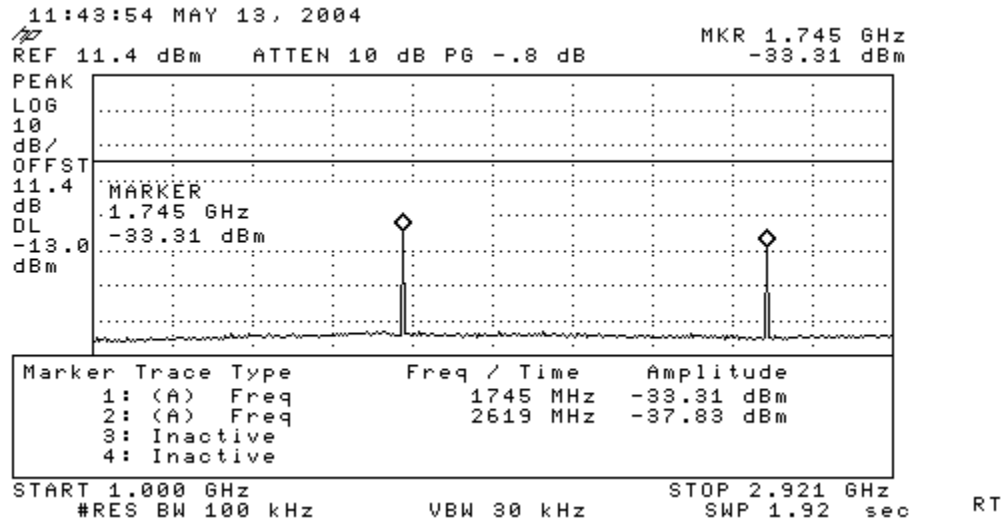


Cond Spurious Emissions; Dn-link; 860 MHz

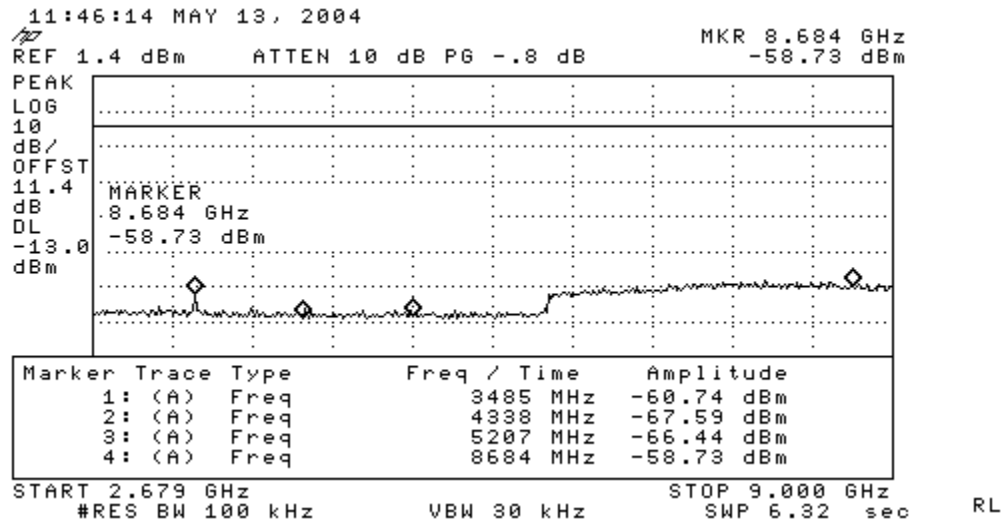


Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Cond Spurious Emissions; Dn-link; 870 MHz



Cond Spurious Emissions; Dn-link; 870 MHz



Applicant: Arrista Technologies Inc.
Equipment: CR300 iDEN Signal Amplifier

Copyright © 2004 Arrista Technologies Inc.
This document contains confidential information.