SUPPLEMENTARY TEST REPORT
FROM
RADIO FREQUENCY
INVESTIGATION LTD.

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

Supplementary Test Report Serial No.:
RFI/MPTB1/SUP15341A

This Supplementary Test Report Is Issued Under The Authority Of Richard Jacklin, Operations Director: 	**Checked By:** 
Tested By: 	**Release Version No:** **PDF01**
Issue Date: 15 May 2002	

This supplementary report, supplements RFI Test Report Serial No: RFI/MPTB1/RP15341A.

This supplementary report has been issued as requested by the TCB.
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CONTENTS

1. Client Information

Company Name:	Danger, Inc
Address:	124 University Avenue. Palo Alto, CA 94301 USA
Contact Name:	Marcus Wallgren

2. Equipment Under Test (EUT)

The following information (with the exception of the Date of Receipt) has been supplied by the client:

2.1. Identification Of Equipment Under Test (EUT)

Brand Name:	Danger
Model Name or Number:	Hiptop
Unique Type Identification:	Not Stated by Client
Serial Number:	00102200002803
Country of Manufacture:	Thailand
FCC ID Number:	P5J-FYMASMBD-01
Date of Receipt:	11 February 2002

2.2. Description Of EUT

The equipment under test is a GSM-1900, GPRS, class 8, class B-enabled PDA, powered by a non-removable lithium ion battery; the battery is supplied with the EUT. The EUT is also capable of being used with a recharger and digital camera accessories.

2.3. Modifications Incorporated In EUT

The EUT has not been modified from what is described by the Model Name stated above.

2.4. Additional Information Related To Testing

Power Supply Requirement: (non-removable lithium ion battery)	+ 4.2 V
Power Supply Requirement: (AC Battery Charger)	110 V, 60 Hz AC Mains Battery Charger
Intended Operating Environment:	Within GSM Network Coverage
Equipment Category:	Mobile Telephony/PDA
Type of Unit:	Mobile Station
Weight:	184 g
Dimensions:	120 mm x 67 mm x 30 mm
Interface Ports:	2.5 mm Jack headset/camera port 2.5 mm Jack Power port USB Downlink Port Infra-Red Port
Transmit Frequency	B, M and T (1850.2, 1880.0 and 1909.8 MHz)
Receive Frequency	B, M and T (1930.2, 1960.0 and 1989.8 MHz)
Maximum Power Output	1 Watts Max

2.5. Support Equipment

The following support equipment was used to exercise the EUT during testing:

Description:	Digital Camera
Brand Name:	Kyocera
Model Name or Number:	HC-D01
Serial Number:	Not Stated by Client
FCC ID Number:	Not Applicable
Cable Length And Type:	Not Stated by Client
Connected to Port:	2.5 mm Jack Plug socket

Description:	USB Cable
Brand Name:	Copartner
Model Name or Number:	E188601
Serial Number:	Not Stated by Client
FCC ID Number:	Not Applicable
Cable Length And Type:	183 cm
Connected to Port:	USB Downlink Port

Description:	Battery Charger
Brand Name:	Not Stated by Client
Model Name or Number:	Not Stated by Client
Serial Number:	Not Stated by Client
FCC ID Number:	Not Stated by Client
Cable Length And Type:	Not Stated by Client
Connected to Port:	Charger Port

Support Equipment (continued)

Description:	Head Set
Brand Name:	Not Stated by Client
Model Name or Number:	Not Stated by Client
Serial Number:	Not Stated by Client
FCC ID Number:	Not Applicable
Cable Length And Type:	Not Stated by Client
Connected to Port:	2.5 mm Jack Plug socket

3. Test Method

Conducted Antenna Port Measurements: FCC Part 24.238:

Spurious measurements at the Antenna port were performed from 1 MHz to the lower frequency of the allocated frequency block and from the top frequency of the allocated frequency block to 10 times the highest EUT generated frequency (26 GHz).

A measuring receiver was connected to the antenna port of the EUT via a suitable cable and RF Attenuator. The total loss of both the cable and the attenuator were measured and entered as a reference level offset into the measuring receiver to correct for the losses.

The specified frequency band was investigated with the transmitter operating at full power on the middle channel. Any spurious noted was then measured with the transmitter set to top, bottom and middle channels.

Measurements were also made in the 1 MHz bands, immediately adjacent to the band edges of the frequency block, using a resolution bandwidth of at least 1% of the occupied bandwidth (300kHz), as per FCC Part 24.238 (b). The resolution bandwidth was thus set to 3kHz.

Attention must be paid to the fact that none intentional emissions such as those generated in the PDA/Receiver mode, were measured using a Quasi-Peak (CISPR) detector for emissions below 1 GHz. For all intentional emissions generated in the transmit mode, final measurements were performed using a PEAK detector for the full frequency range.

The test equipment settings for conducted antenna port measurements were as follows:

Receiver Function	**Initial Scan**	**Final Measurements Below 1GHz**	**Final Measurements Above 1 GHz**
Detector Type: (PDA/Receiver Mode)	Peak	Quasi-Peak (CISPR)	Peak/Average
Detector Type: (Transmitter Mode)	Peak	Peak	Peak/Average
Mode:	Max Hold	Not applicable	Not applicable
Bandwidth:	100 kHz	120 kHz	1 MHz
Amplitude Range:	60 dB	20 dB	20 dB (typical)
Measurement Time:	Not applicable	> 1 s	> 1 s
Observation Time:	Not applicable	> 15 s	> 15 s
Step Size:	Continuous sweep	Not applicable	Not applicable
Sweep Time:	Coupled	Not applicable	Not applicable

* The resolution bandwidth used for measurements in the 1 MHz blocks either side of the declared operating frequency block was set to 3 kHz.

Appendix 1. Graphical Test Results

This section contains the following graphs:

Conducted Band Edge	Title
GPH\15341\100	Bandwidth Edge - Top Channel
GPH\15341\101	Bandwidth Edge - Bottom Channel

Occupied Bandwidth	Title
GPH\15341\102	Occupied Bandwidth - Top Channel
GPH\15341\103	Occupied Bandwidth - Middle Channel
GPH\15341\104	Occupied Bandwidth - Bottom Channel

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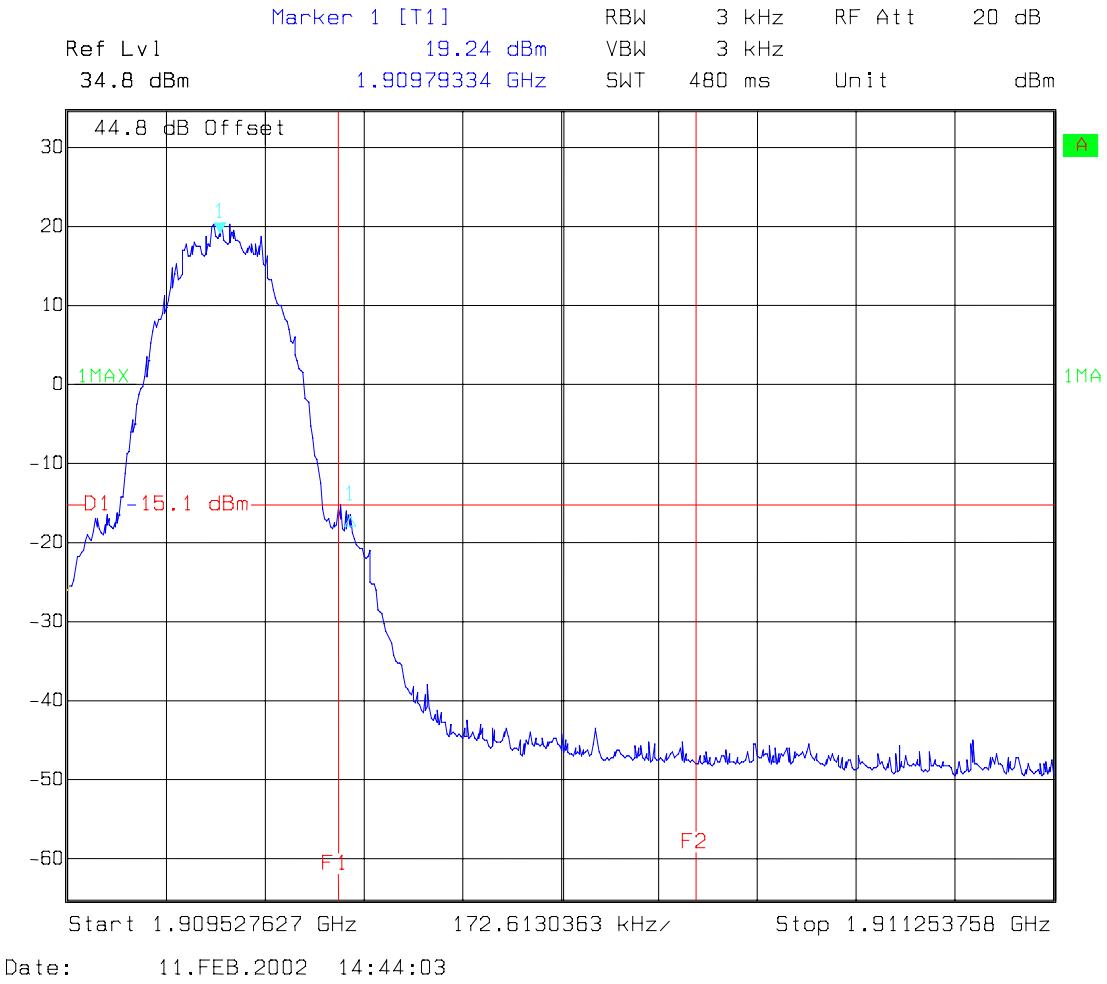
Bandwidth Edge-Top Channel - GPH\15341\100



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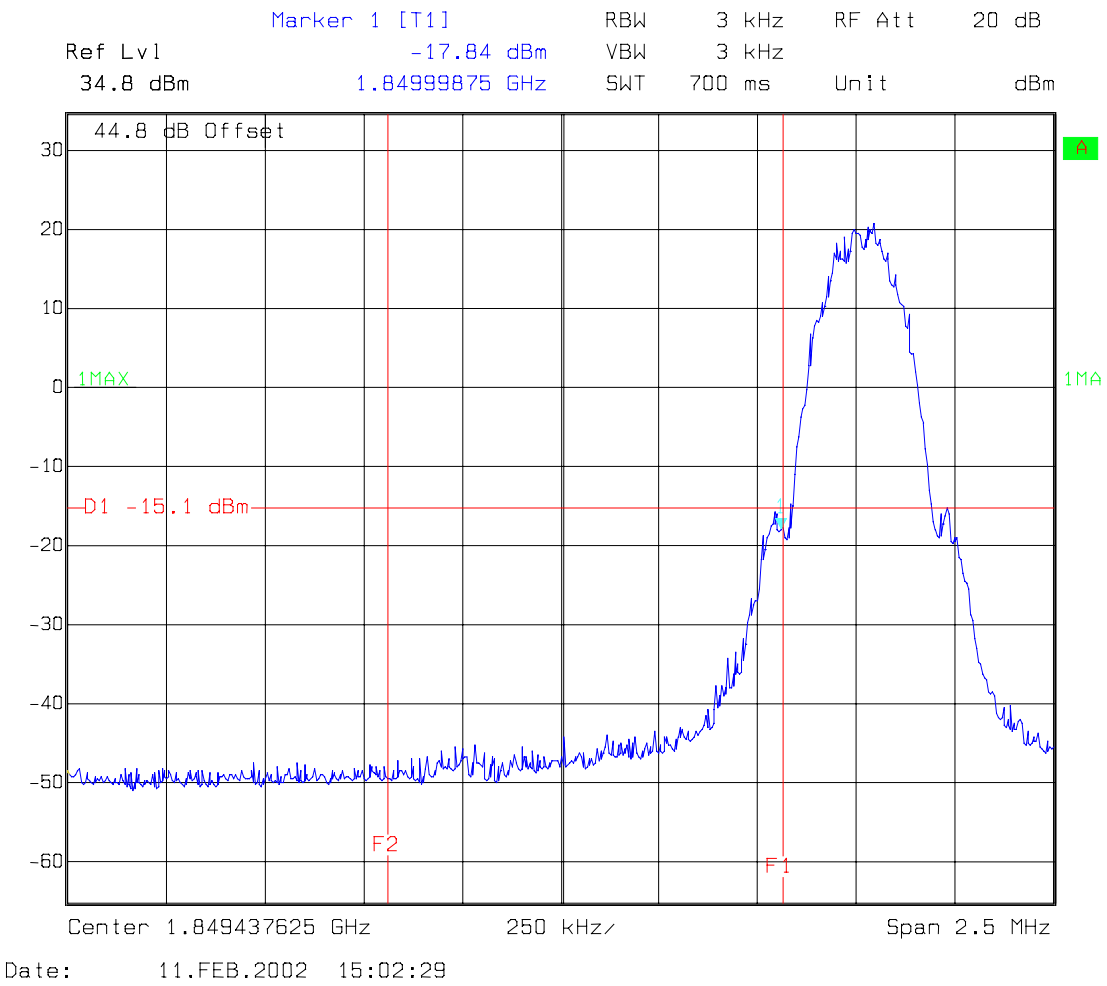
Band Edge- Bottom Channel - GPH\15341\101



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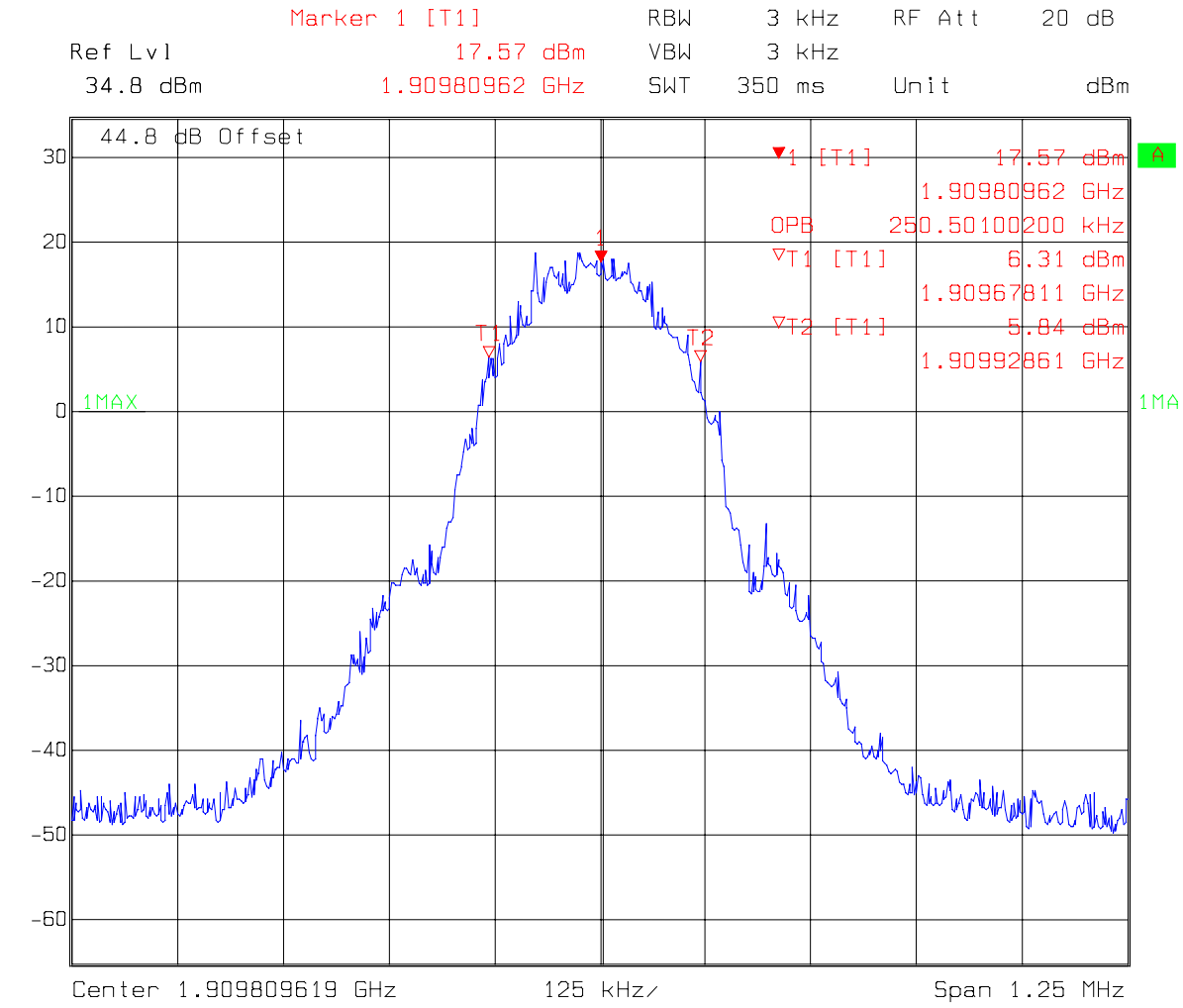
Occupied Bandwidth- Top Channel - GPH\15341\102



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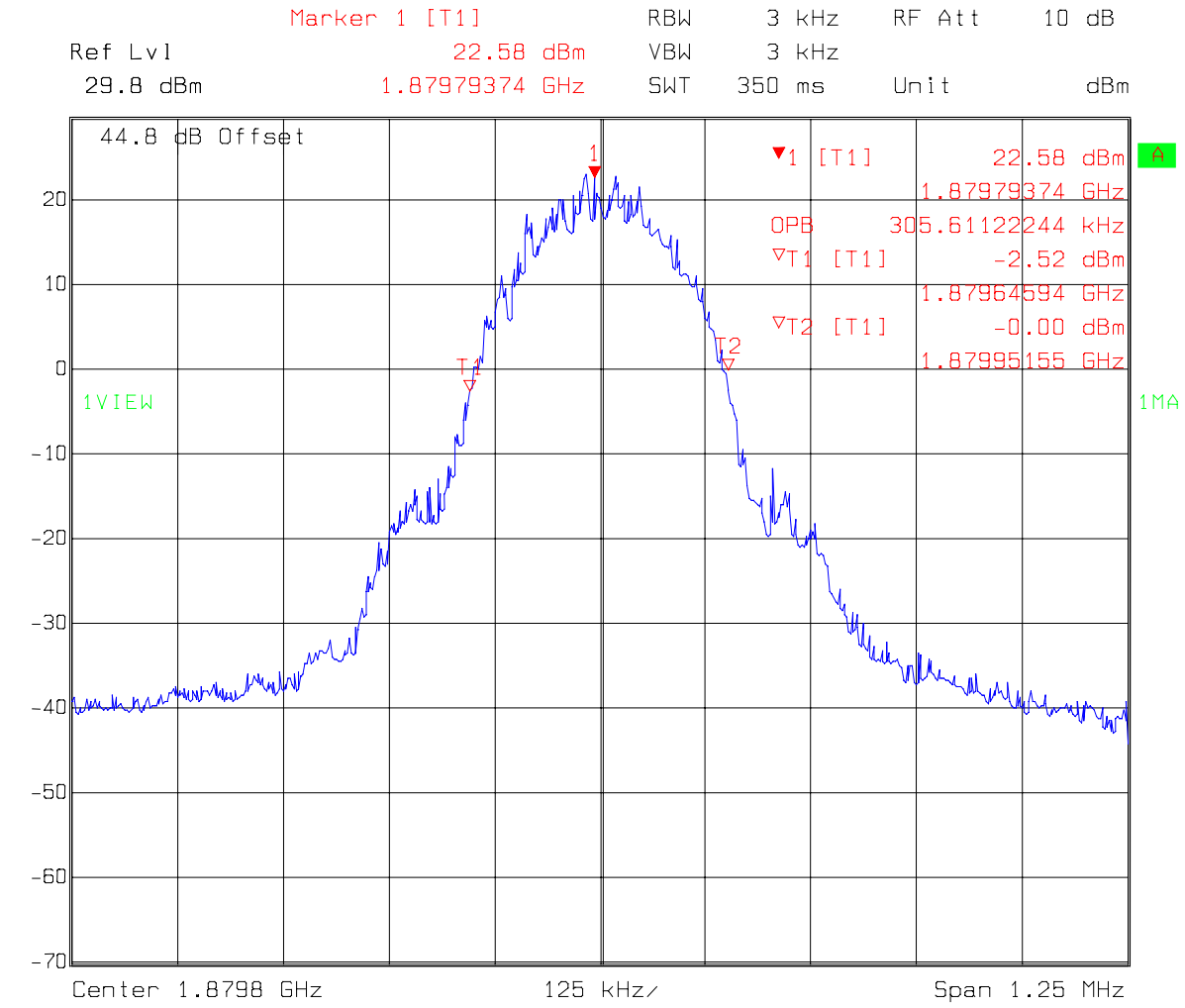
Occupied Bandwidth- Middle Channel - GPH\15341\103



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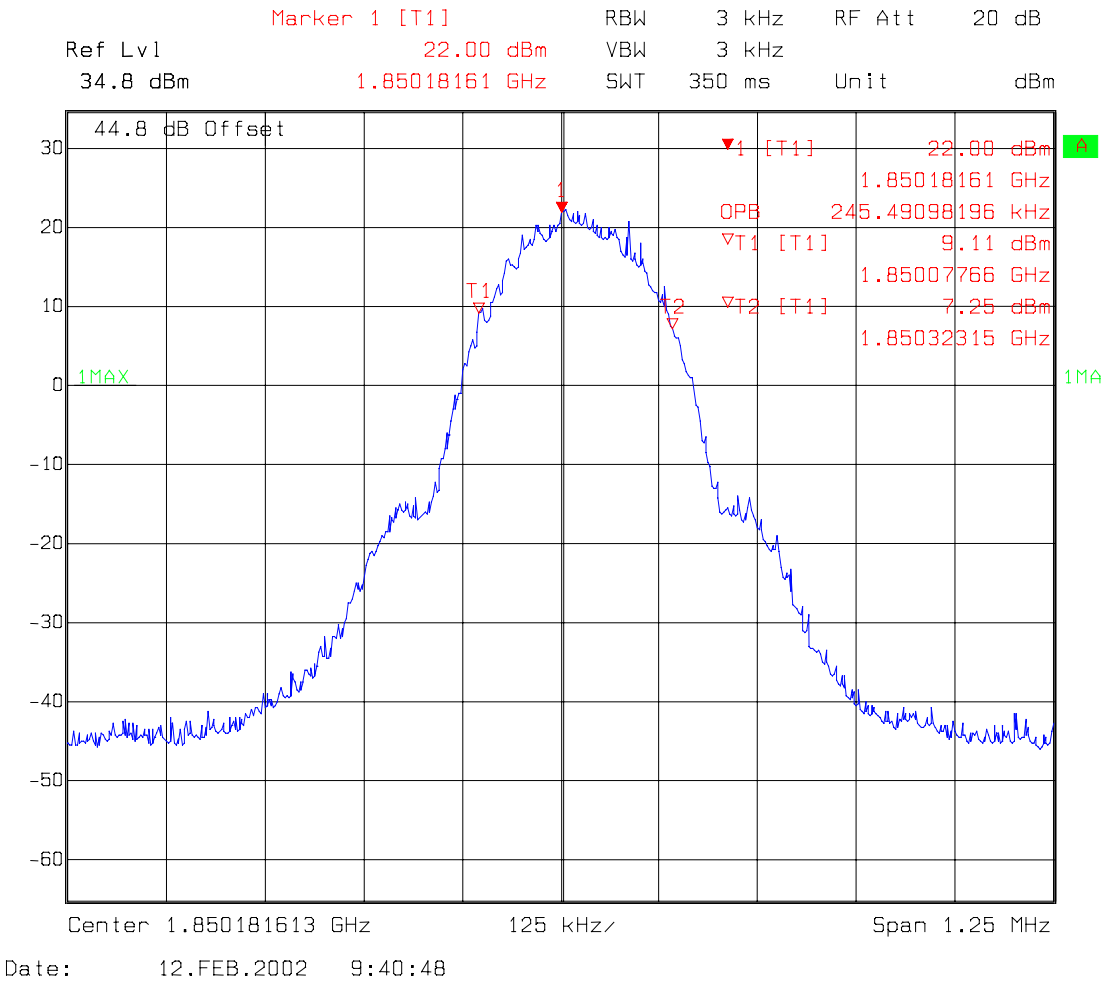
Occupied Bandwidth- Bottom Channel - GPH\15341\104



Conducted Antenna Port Emissions (Top Channel) - Graphical Test Results

This section contains the following graphs provided for information only:

Conducted Antenna Port Emissions (Top Channel)	Title
GPH\15341\024	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\025	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\026	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\048	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\049	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\029	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\030	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\031	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\032	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\033	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\034	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\035	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\036	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\038	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\039	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.

Conducted Antenna Port Emissions (Top Channel) - Graphical Test Results (continued)

Conducted Antenna Port Emissions (Top Channel)	Title
GPH\15341\040	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\041	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\042	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\043	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\044	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\045	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.
GPH\15341\046	FCC part 15.238. Operating Condition: Channel 810 Tx High Power.

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Conducted Antenna Port Emissions (Bottom Channel) - Graphical Test Results

Conducted Antenna Port Emissions (Bottom Channel)	Title
GPH\15341\022	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\023	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\001	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\002	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\003	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\004	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\005	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\006	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\007	FCC part 15.238. Operating Condition: Channel 512 Tx High Power
GPH\15341\008	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\009	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\010	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\011	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\012	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\013	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\014	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\015	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.

Conducted Antenna Port Emissions (Bottom Channel) - Graphical Test Results (continued)

Conducted Antenna Port Emissions (Bottom Channel)	Title
GPH\15341\016	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\020	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\017	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\018	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.
GPH\15341\019	FCC part 15.238. Operating Condition: Channel 512 Tx High Power.

Radiated Pre-scans (Idle Mode) - Graphical Test Results

Radiated Emissions	Title
GPH\15341b\010	FCC Part 15.109 Class B. PreScan @ 3m. Operating Condition: Idle.
GPH\15341b\011	FCC Part 15.109 Class B. PreScan @ 1m. Operating Condition: Idle.
GPH\15341b\012	FCC Part 15.109 Class B. PreScan @ 1m. Operating Condition: Idle.
GPH\15341C\004	Operating Condition: Idle Mode.
GPH\15341C\003	Operating Condition: Idle Mode.
GPH\15341C\006	Operating Condition: Idle Mode.
GPH\15341C\007	Operating Condition: Idle Mode @ 1m.
GPH\15341C\010	Operating Condition: Idle Mode @ 1m.
GPH\15341C\011	Operating Condition: Idle Mode @ 1m.

Radiated Pre-scans (Middle Channel 660) - Graphical Test Results

Radiated Emissions	Title
GPH\15341b\015	FCC Part 15.209 Class B. PreScan @ 3m. Operating Condition: Channel 660 Tx High Power.
GPH\15341b\018	FCC Part 15.209 Class B. PreScan @ 3m. Operating Condition: Channel 660 Tx High Power.
GPH\15341b\008	FCC Part 15. 15.209. Operating Condition: Channel 660 Tx High Power.
GPH\15341b\001	FCC Part 15. 15.209. Operating Condition: Channel 660 Tx High Power.
GPH\15341b\004	FCC Part 15. 15.209. Operating Condition: Channel 660 Tx High Power.
GPH\15341C\001	Operating Condition: Channel 660 Tx High Power.
GPH\15341C\002	Operating Condition: Idle Mode.
GPH\15341C\005	Operating Condition: Idle Mode.
GPH\15341C\008	Operating Condition: Channel 660 Tx High Power @ 1m.
GPH\15341C\009	Operating Condition: Channel 660 Tx High Power @ 1m.
GPH\15341C\012	Operating Condition: Channel 660 Tx High Power @ 1m.

Conducted Emissions AC Powerline - Graphical Test Results

Conducted Emissions	Title
GPH\15341b\021	FCC Part 15.207. Operating Condition: Channel 660 Tx High Power.
GPH\15341b\020	FCC Part 15.207. Operating Condition: Channel 512 Tx High Power.
GPH\15341b\022	FCC Part 15.207. Operating Condition: Channel 810 Tx High Power.

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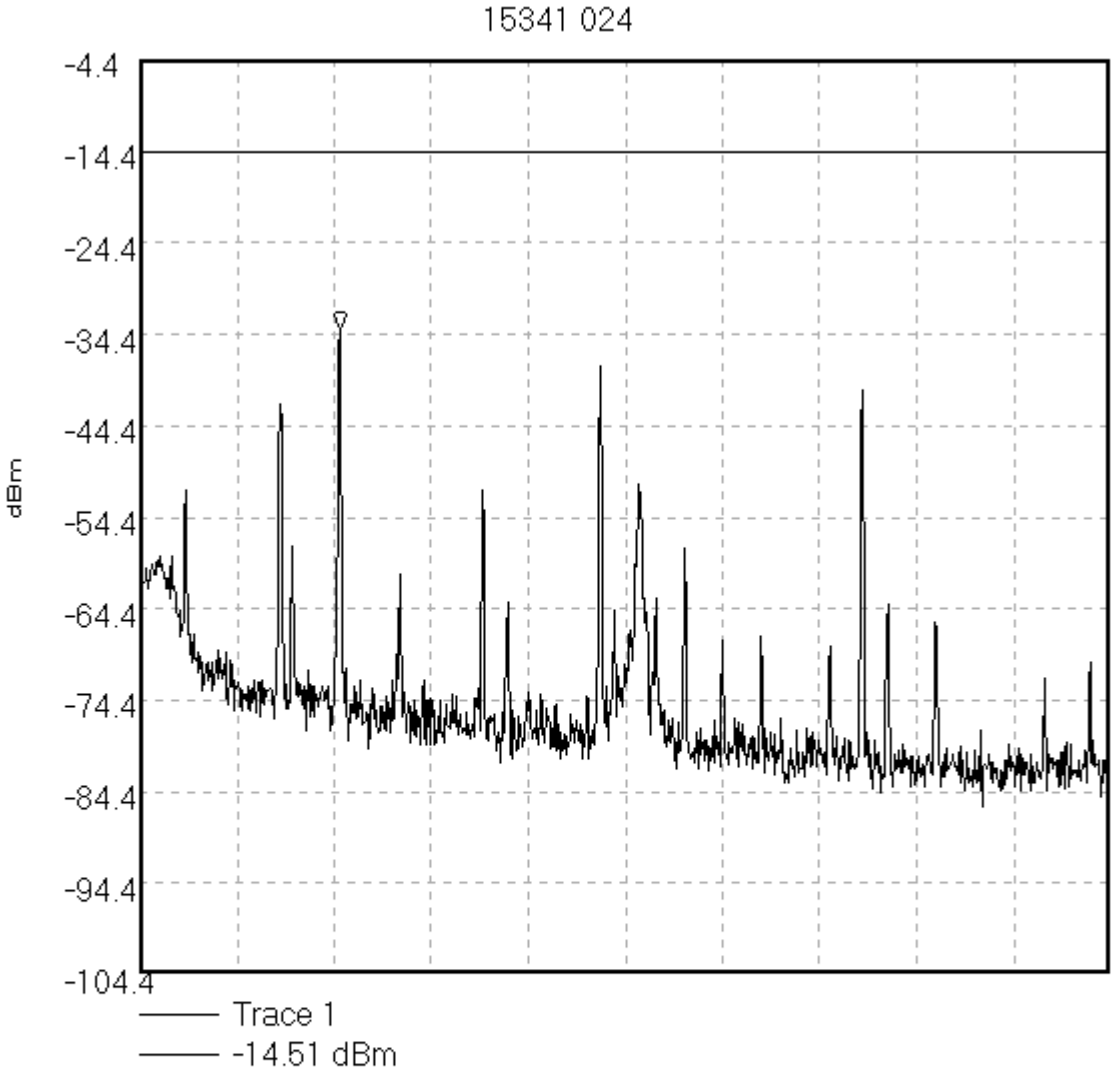
GPH\15341\024

Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



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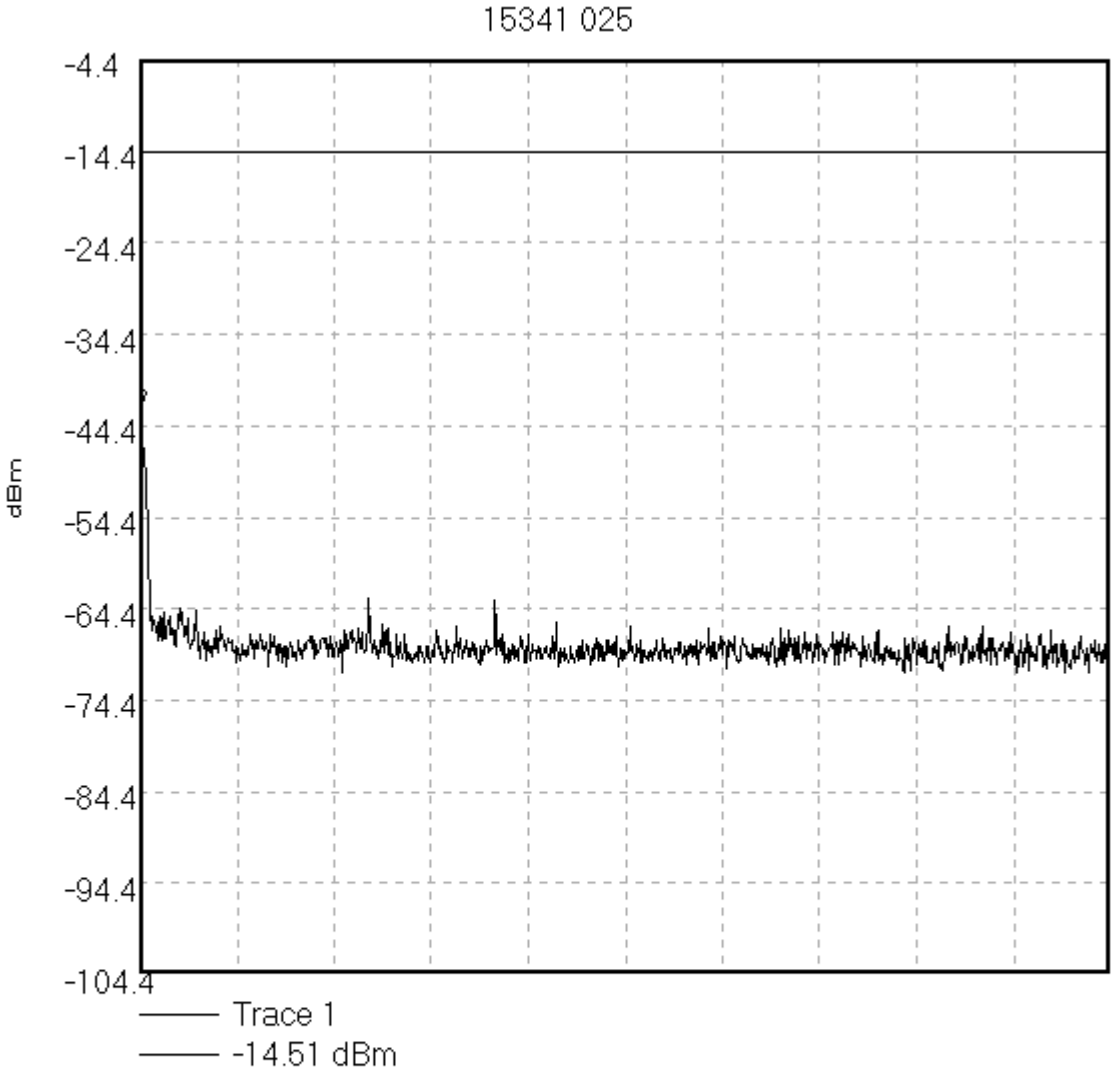
GPH\15341\025

Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



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GPH\15341\026

Testing of Danger HIPTOP PCS phone to FCC part 15.238.
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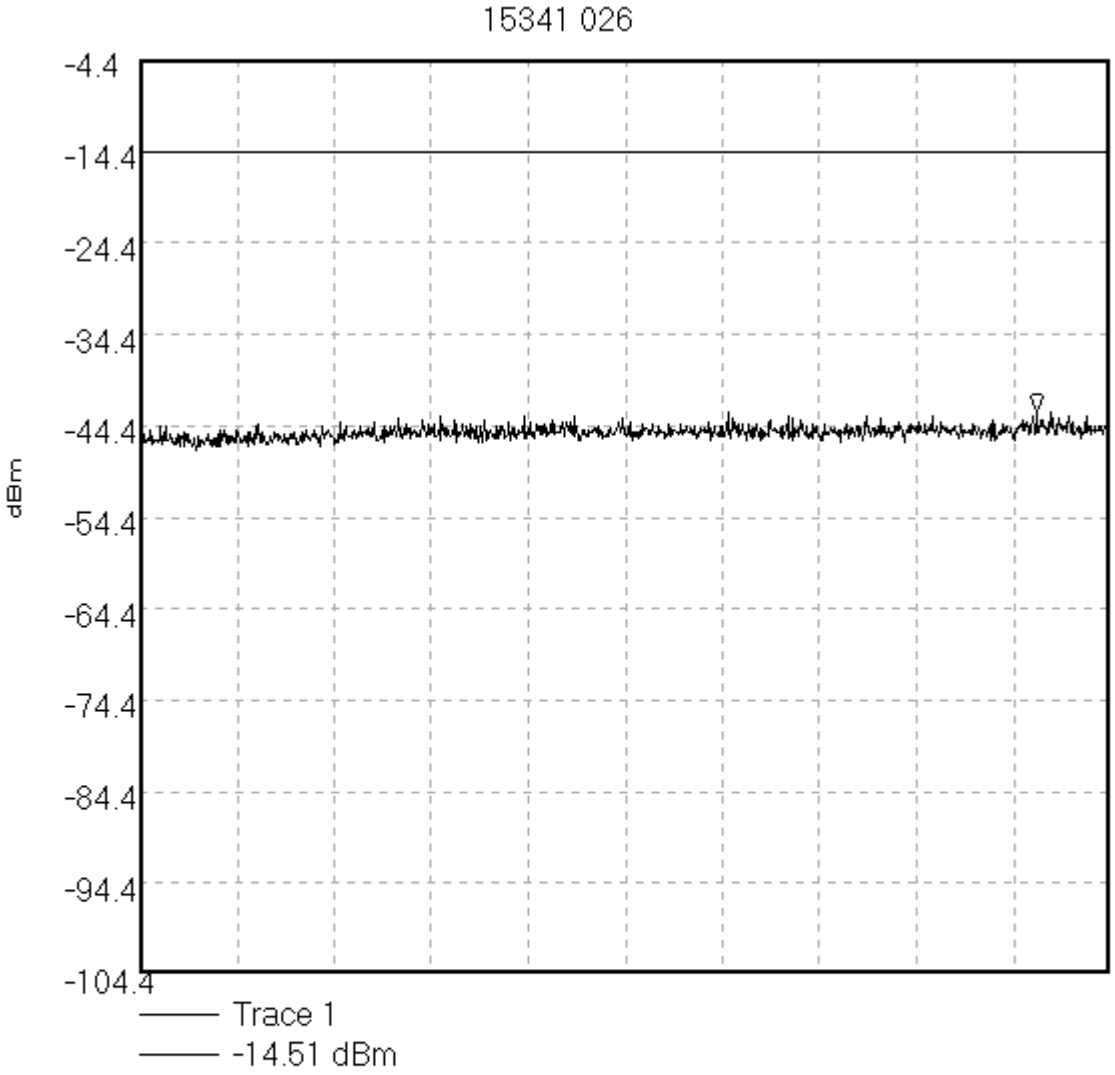

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GPH\15341\048

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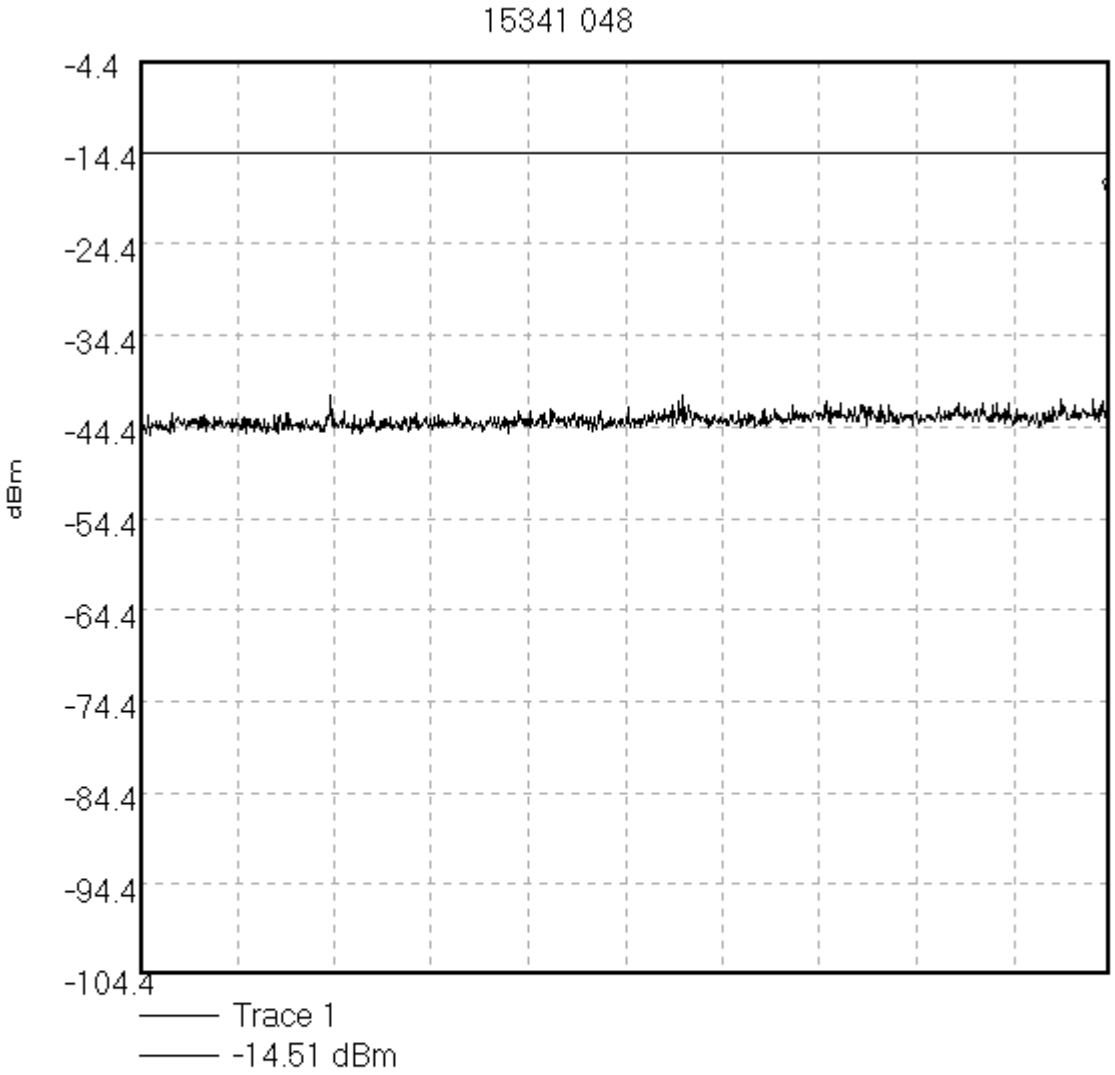

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GPH\15341\049

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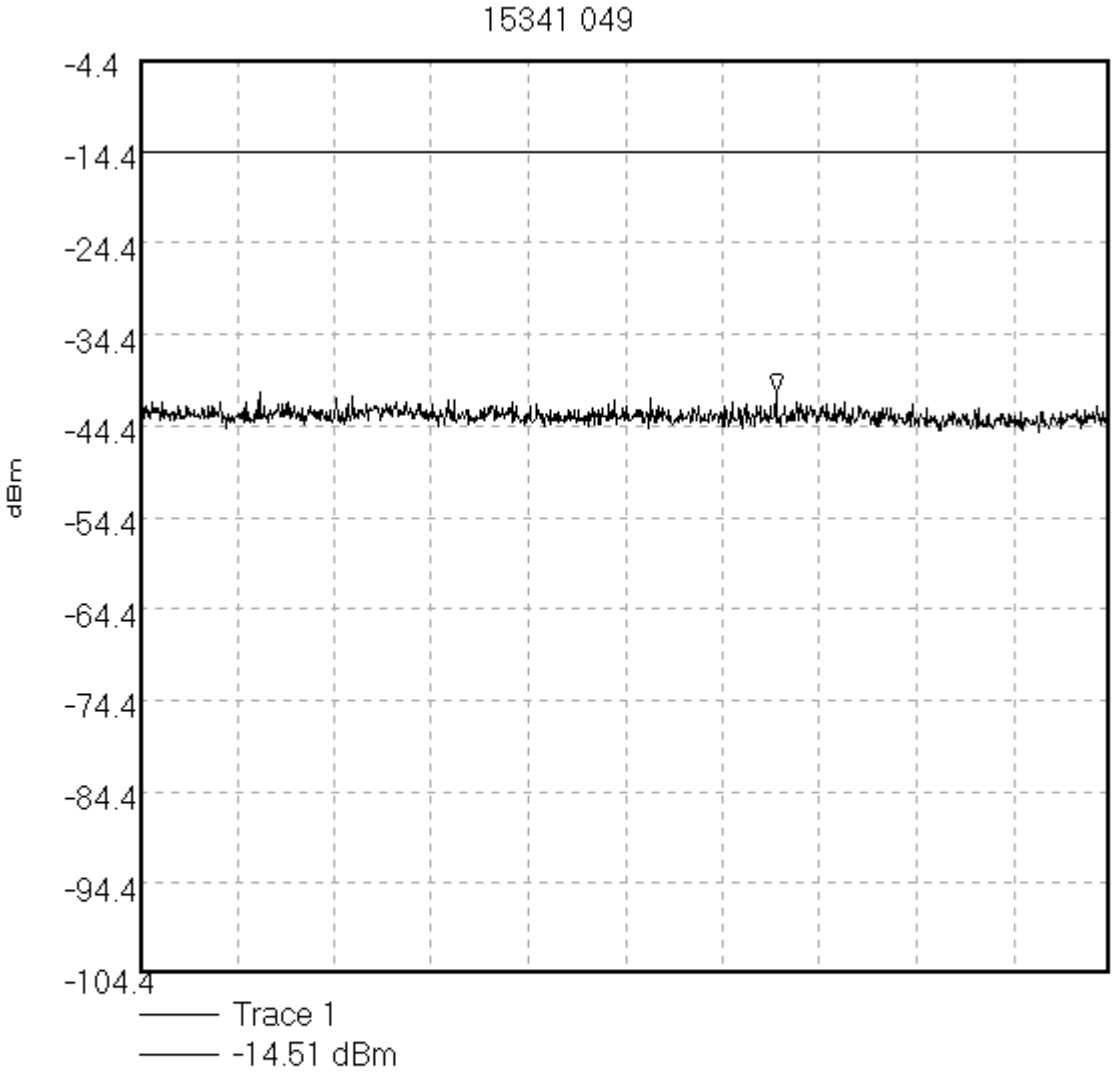

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GPH\15341\029

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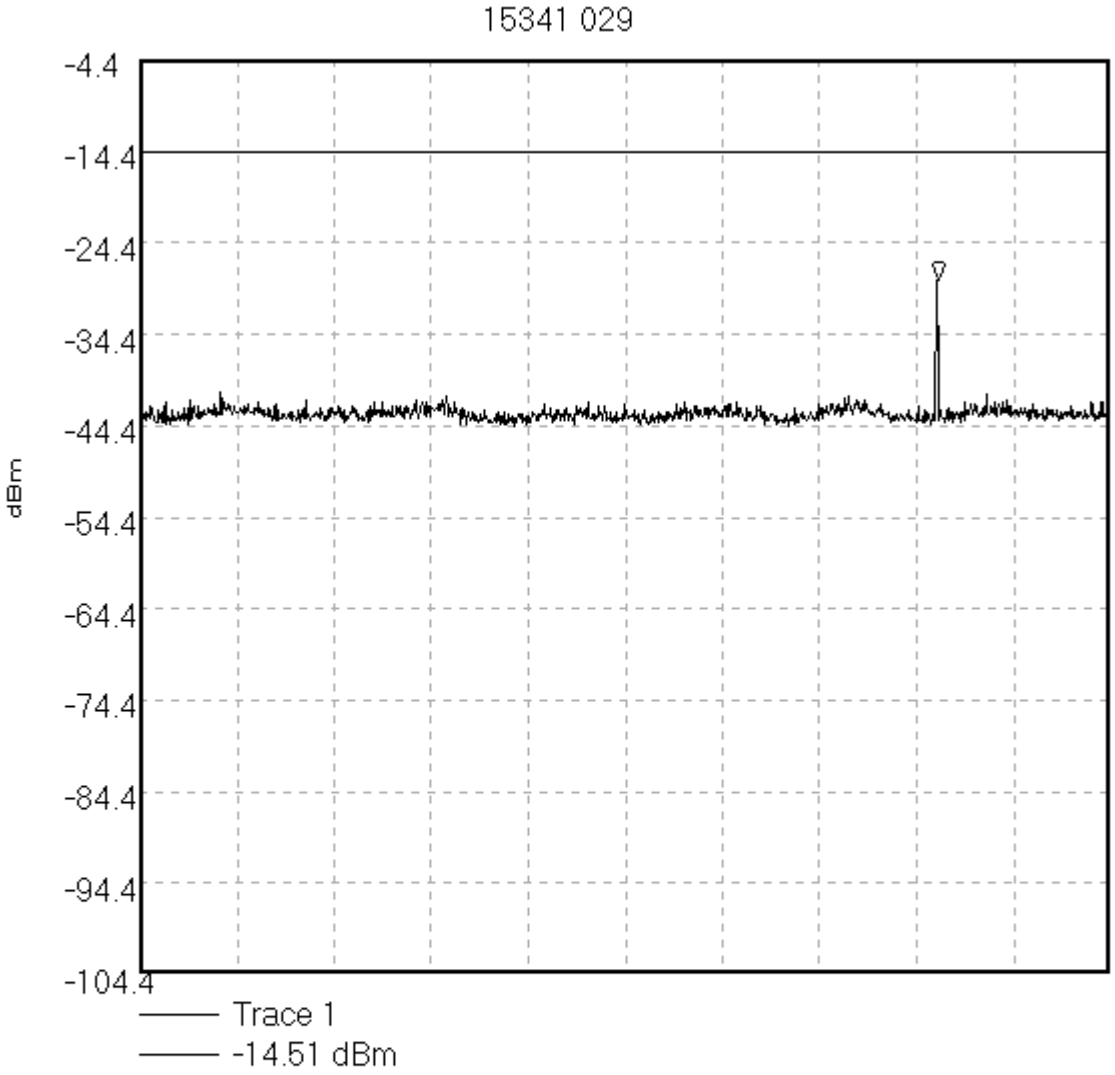

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GPH\15341\030

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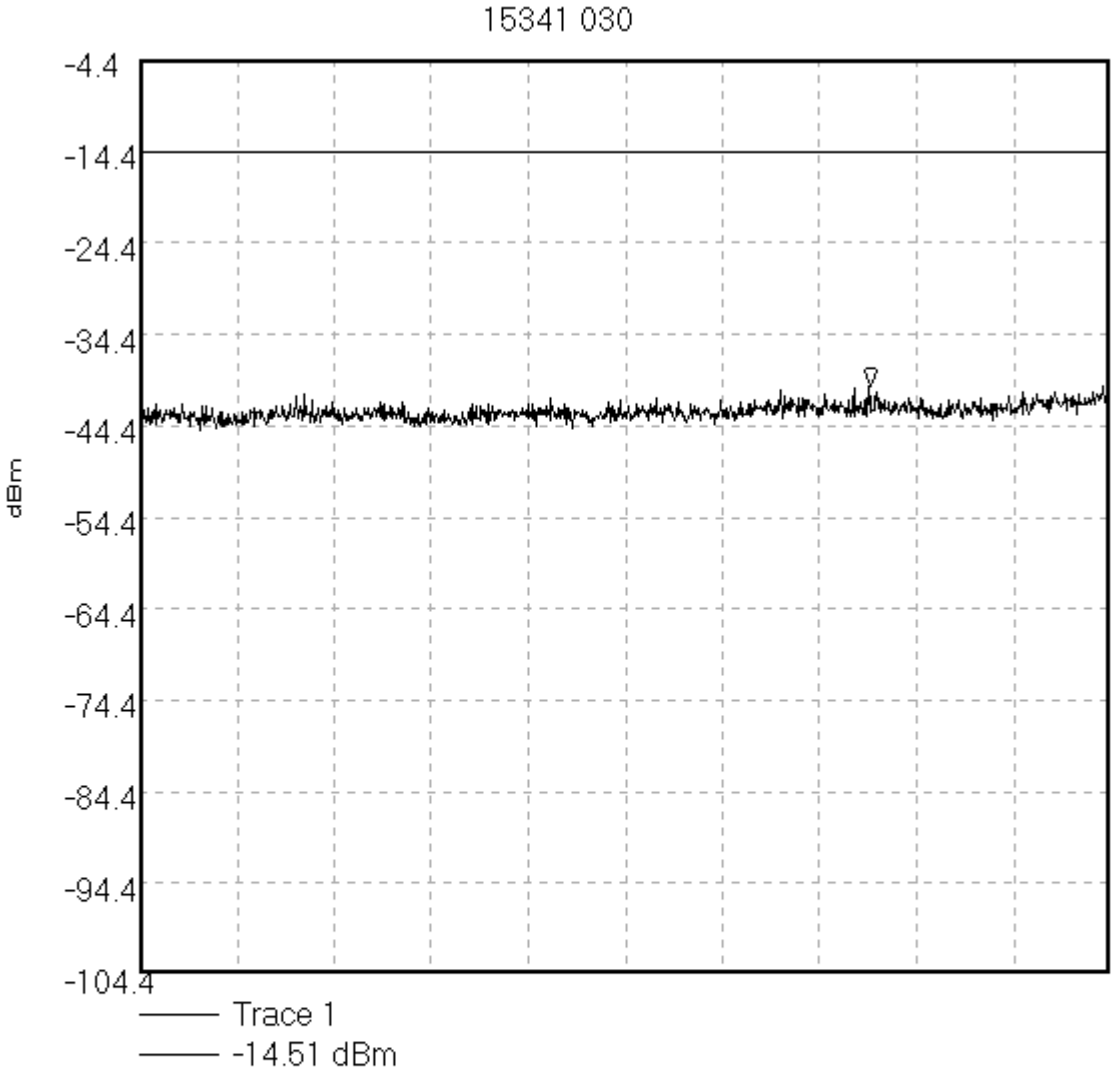

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GPH\15341\031

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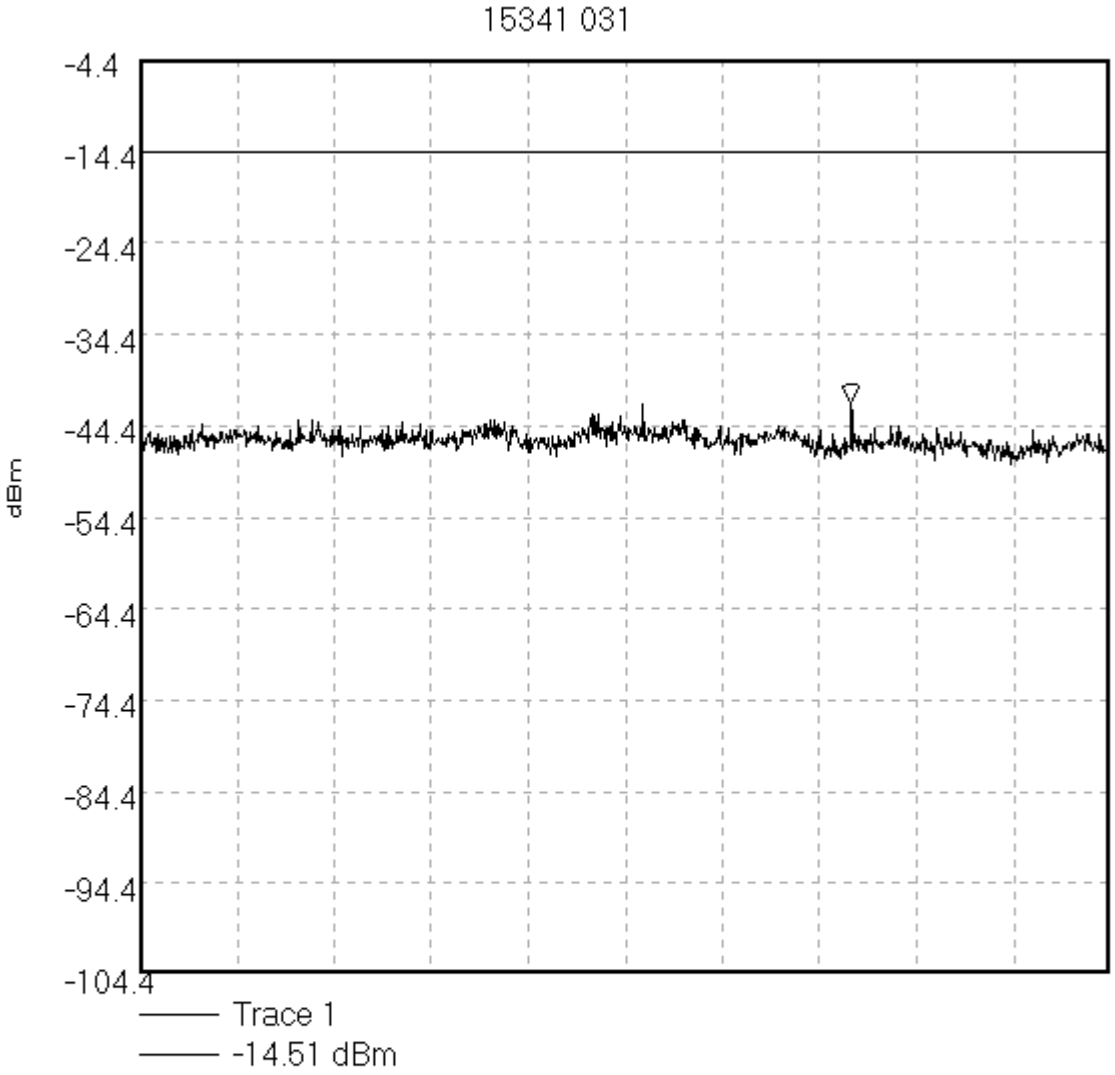

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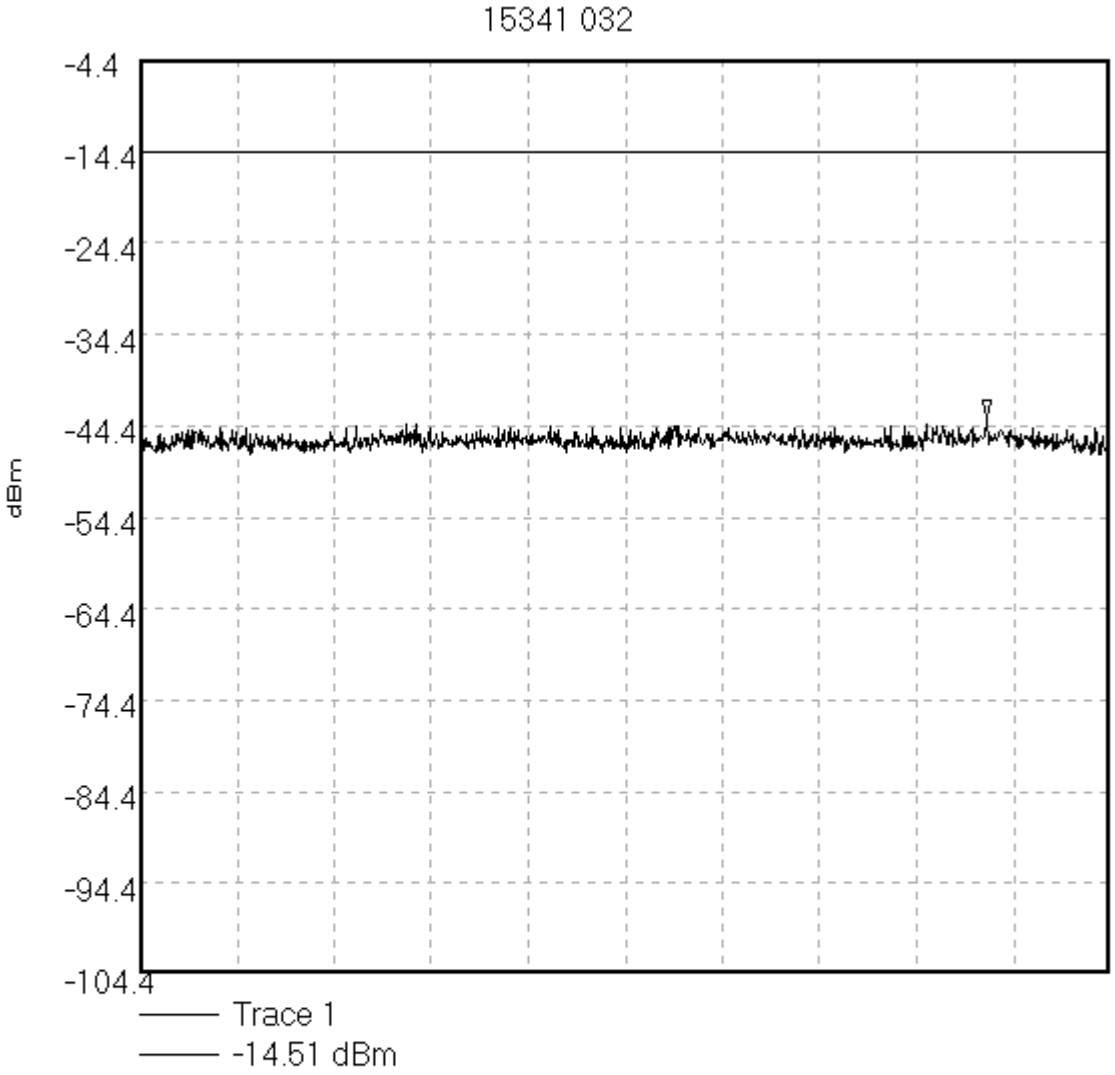

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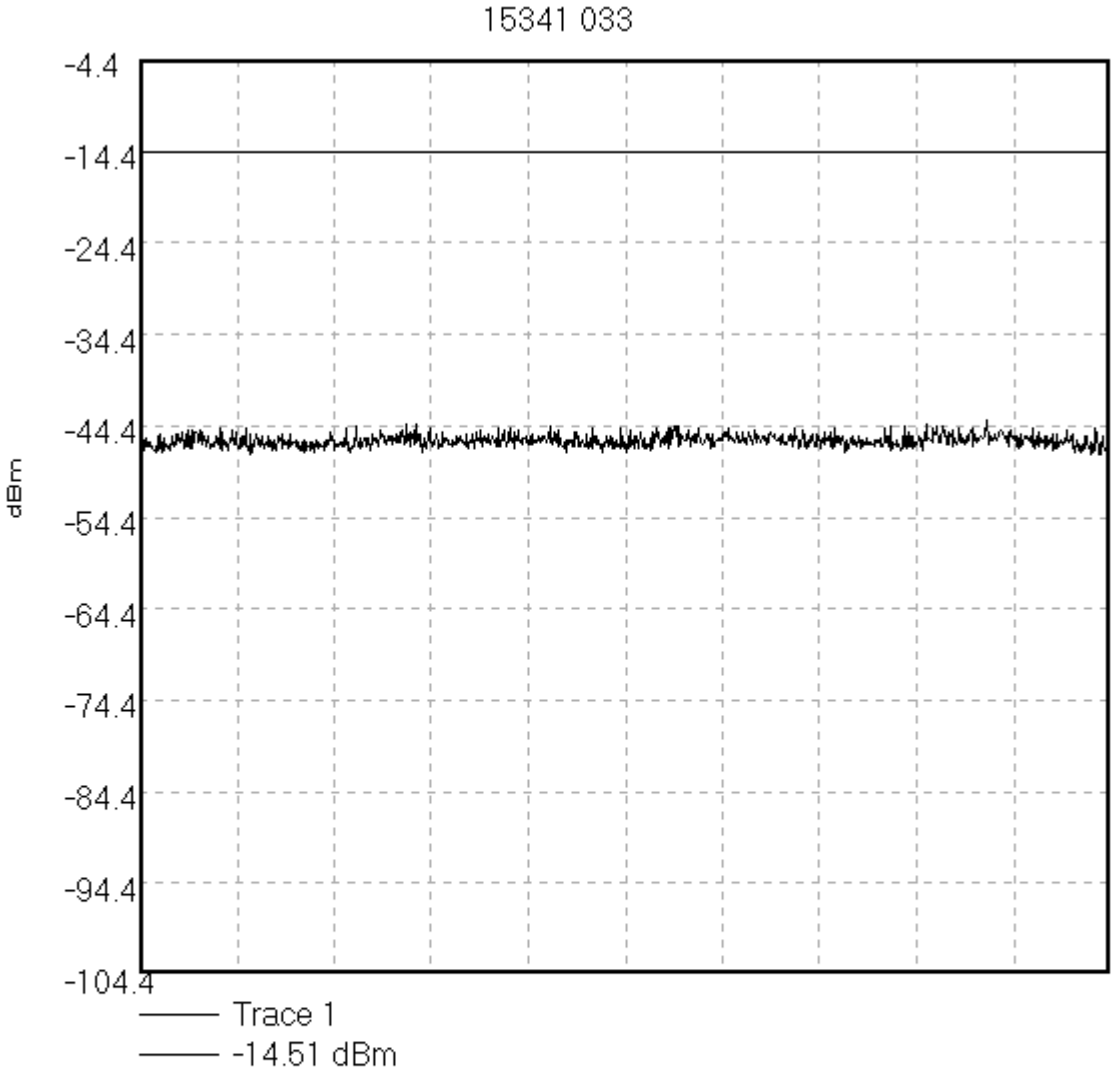

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GPH\15341\034

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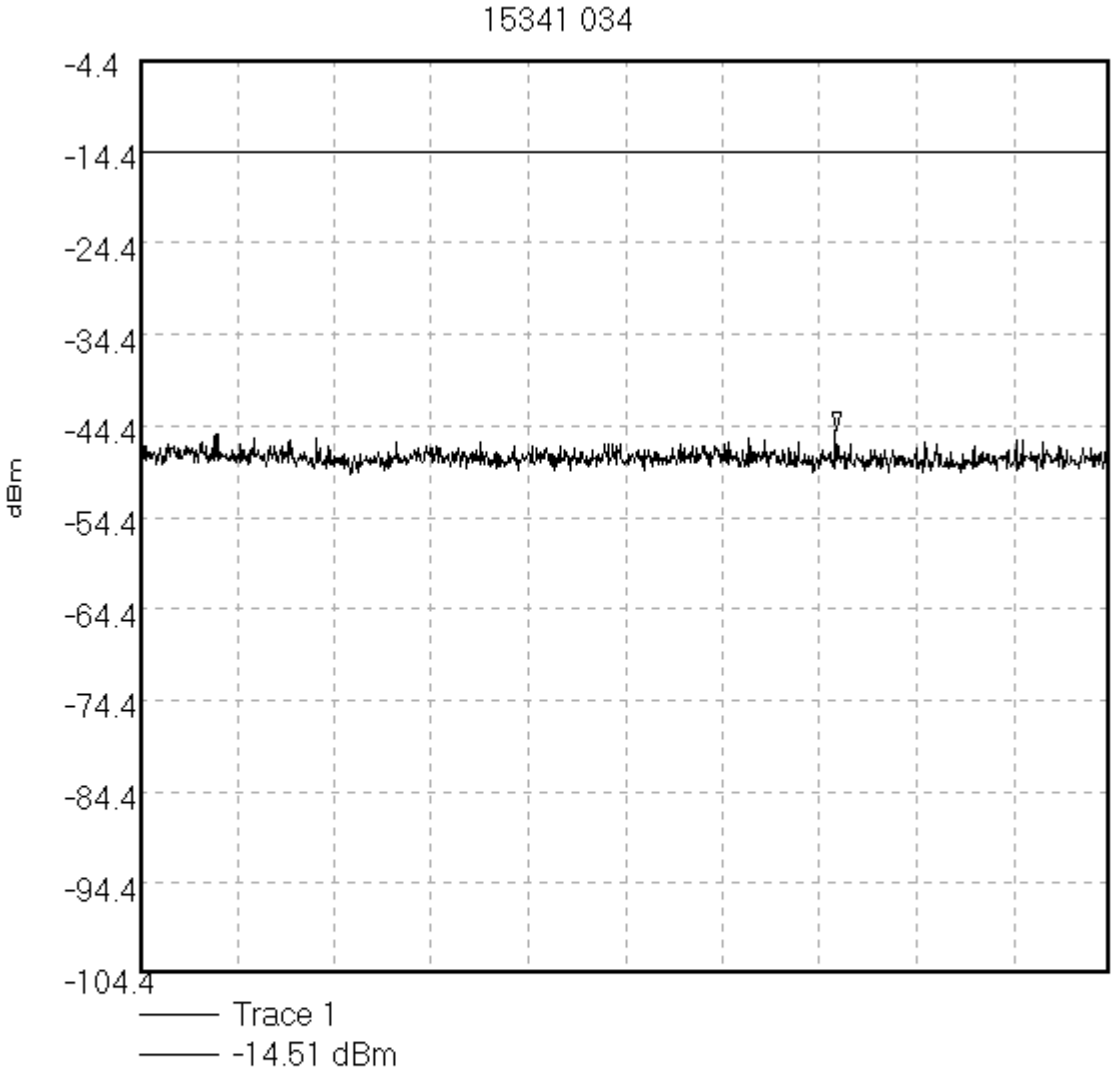

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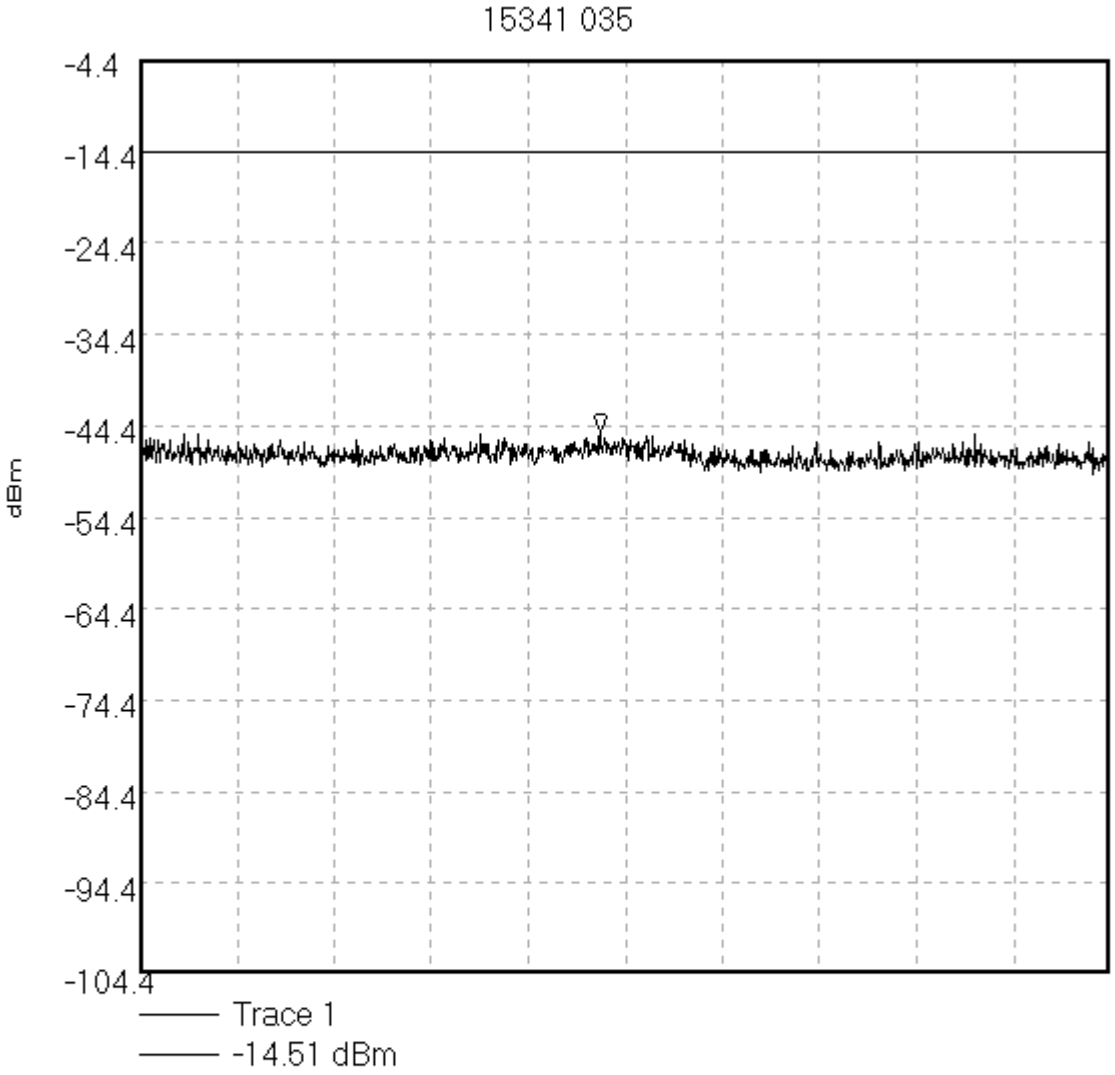

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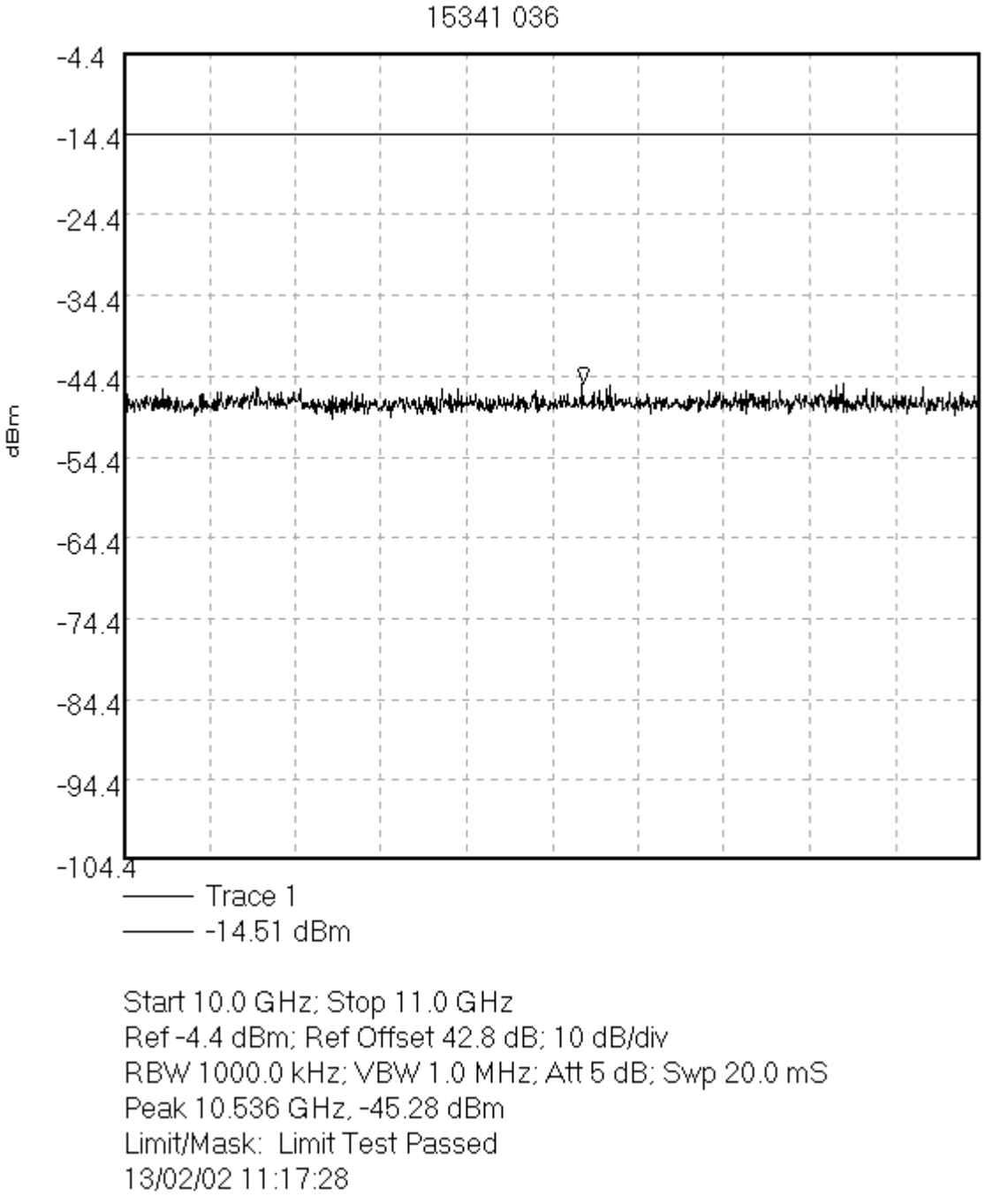

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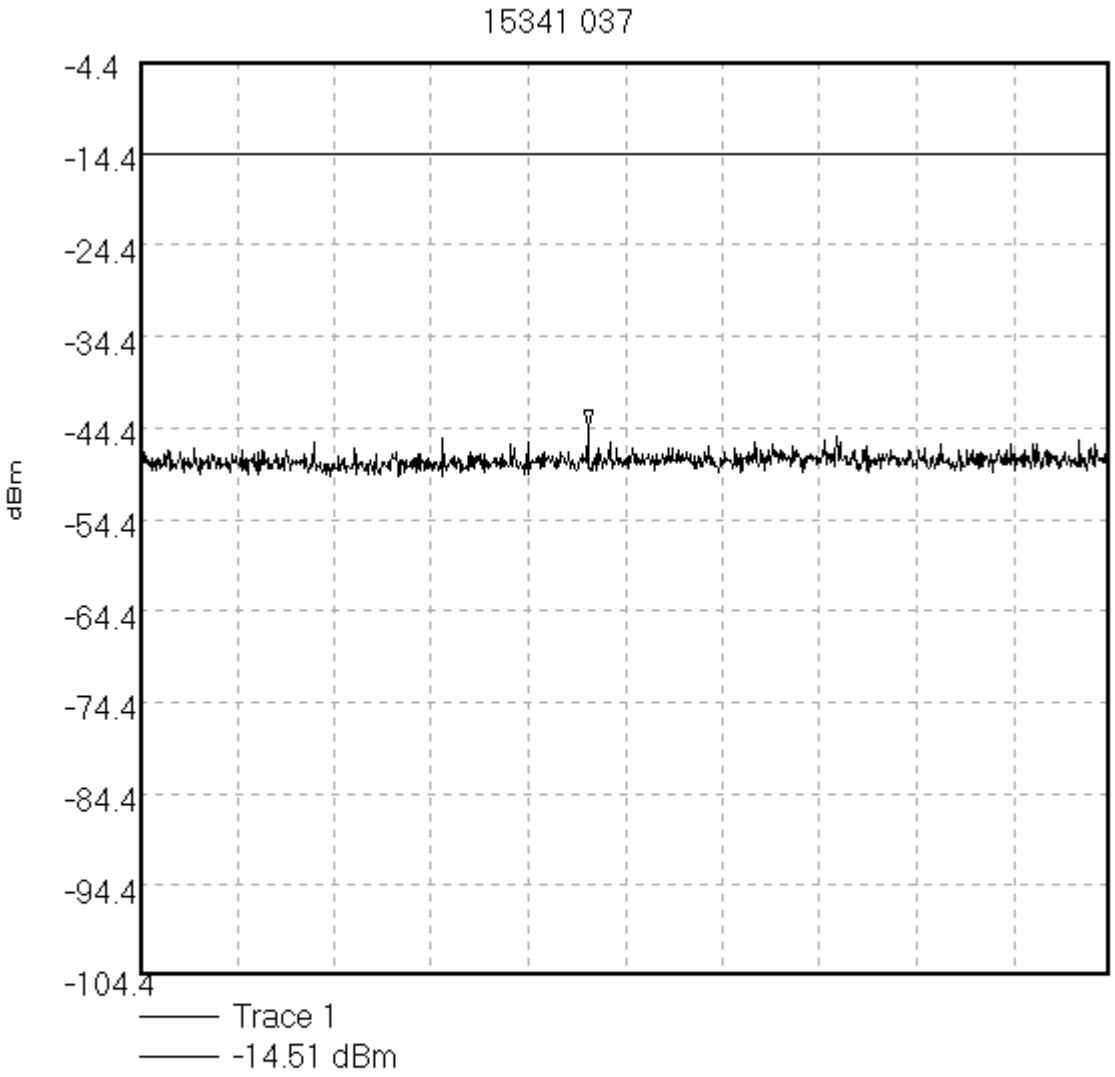
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\037

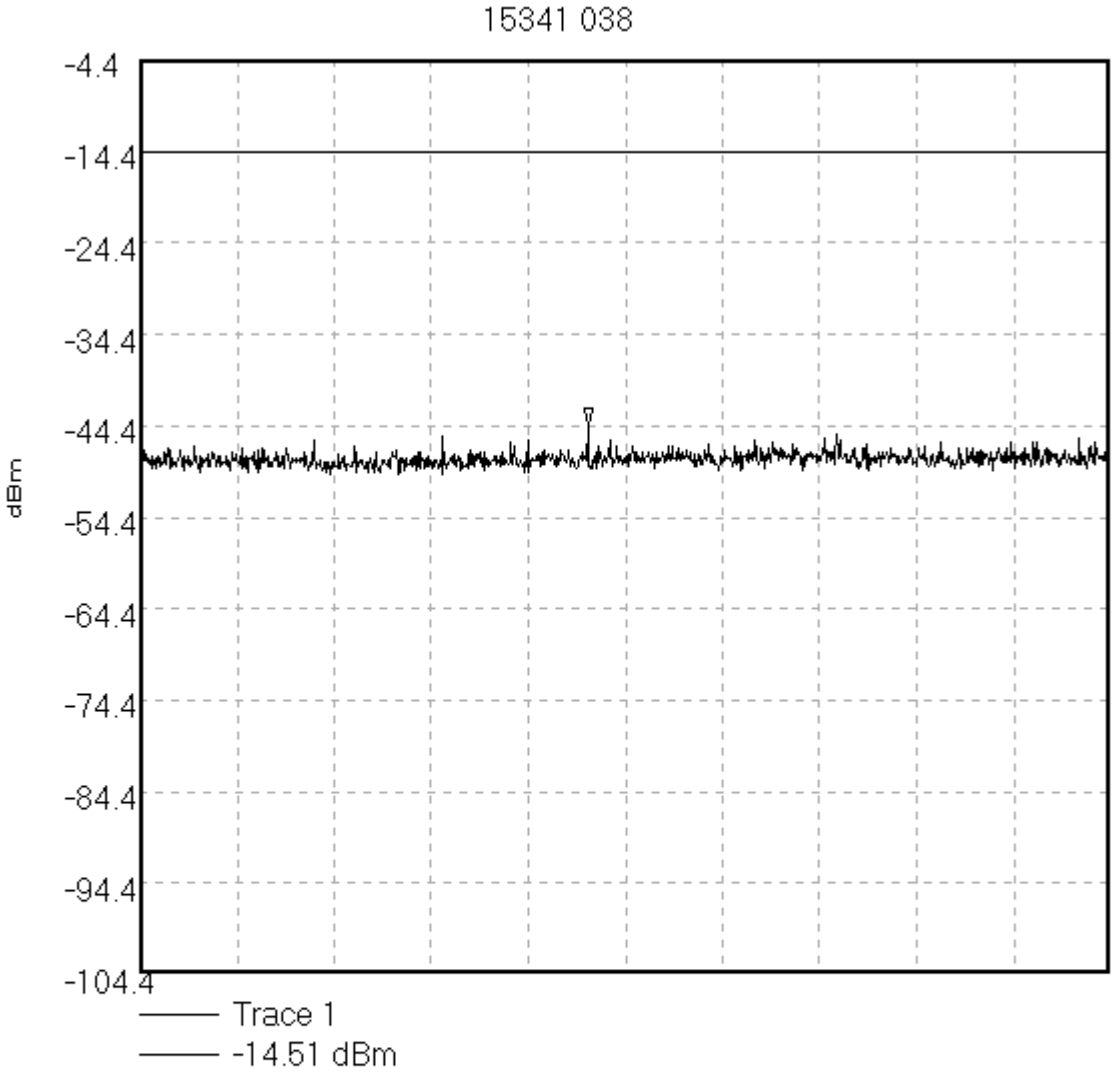
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\038

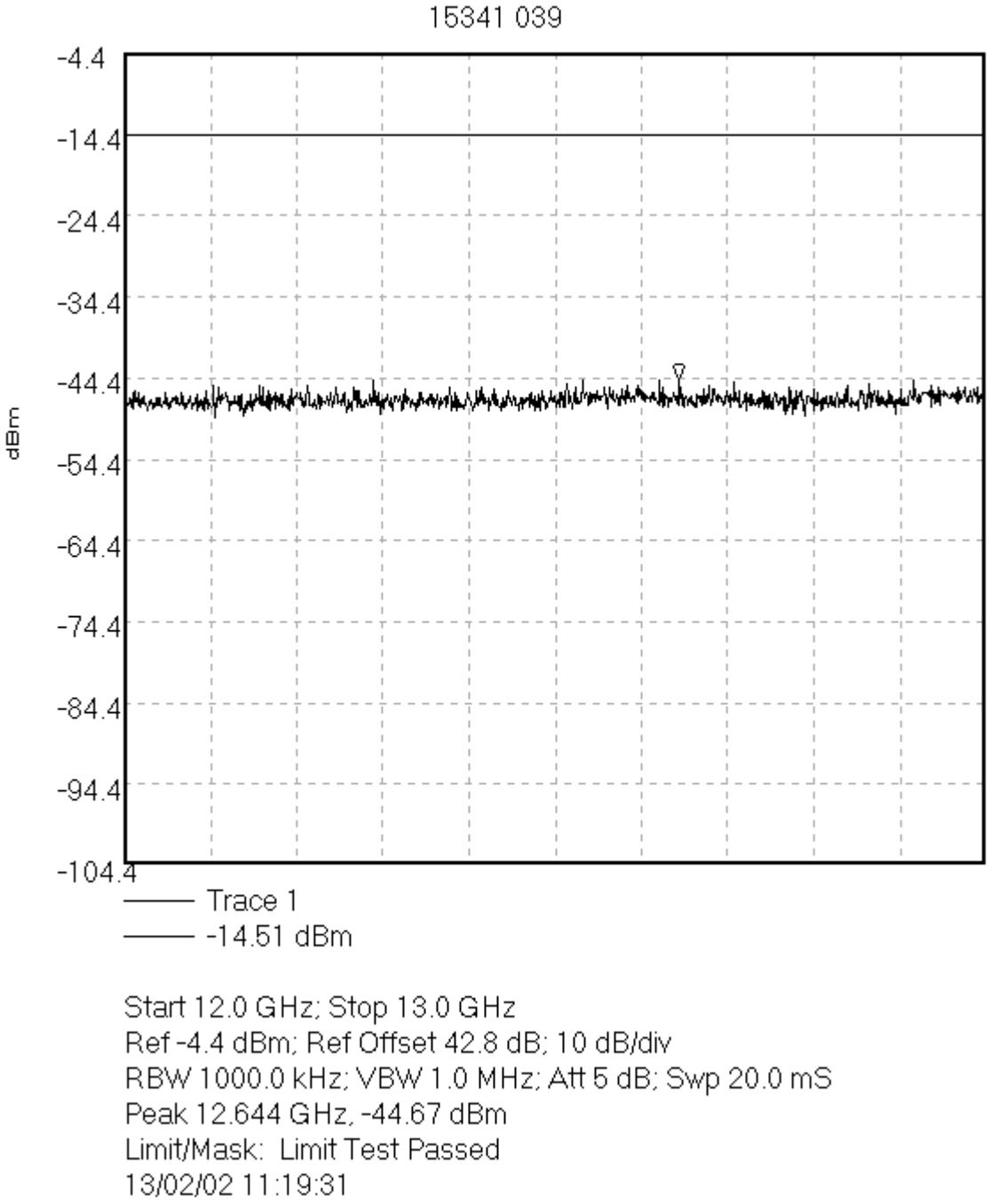
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\039

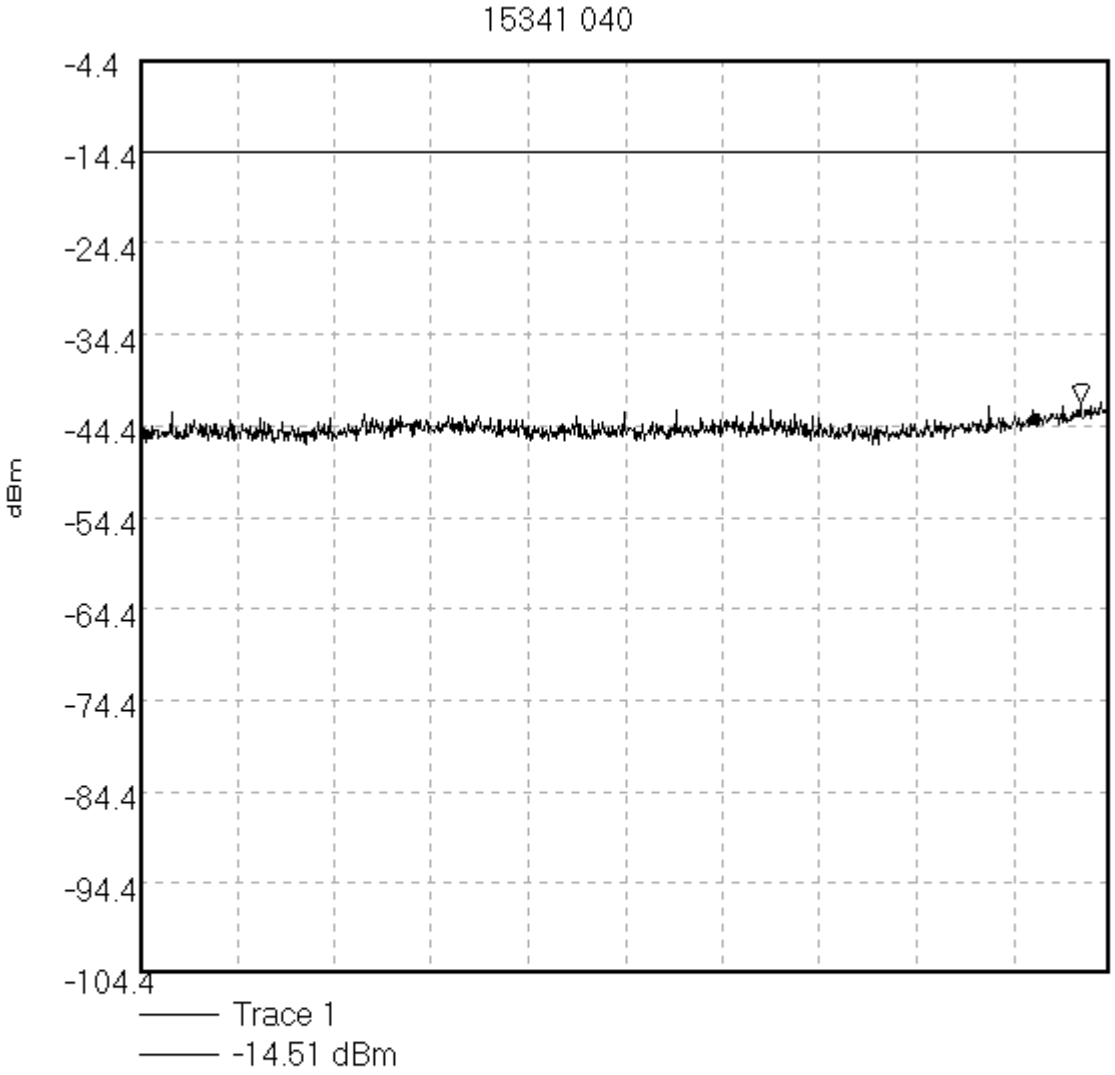
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\040

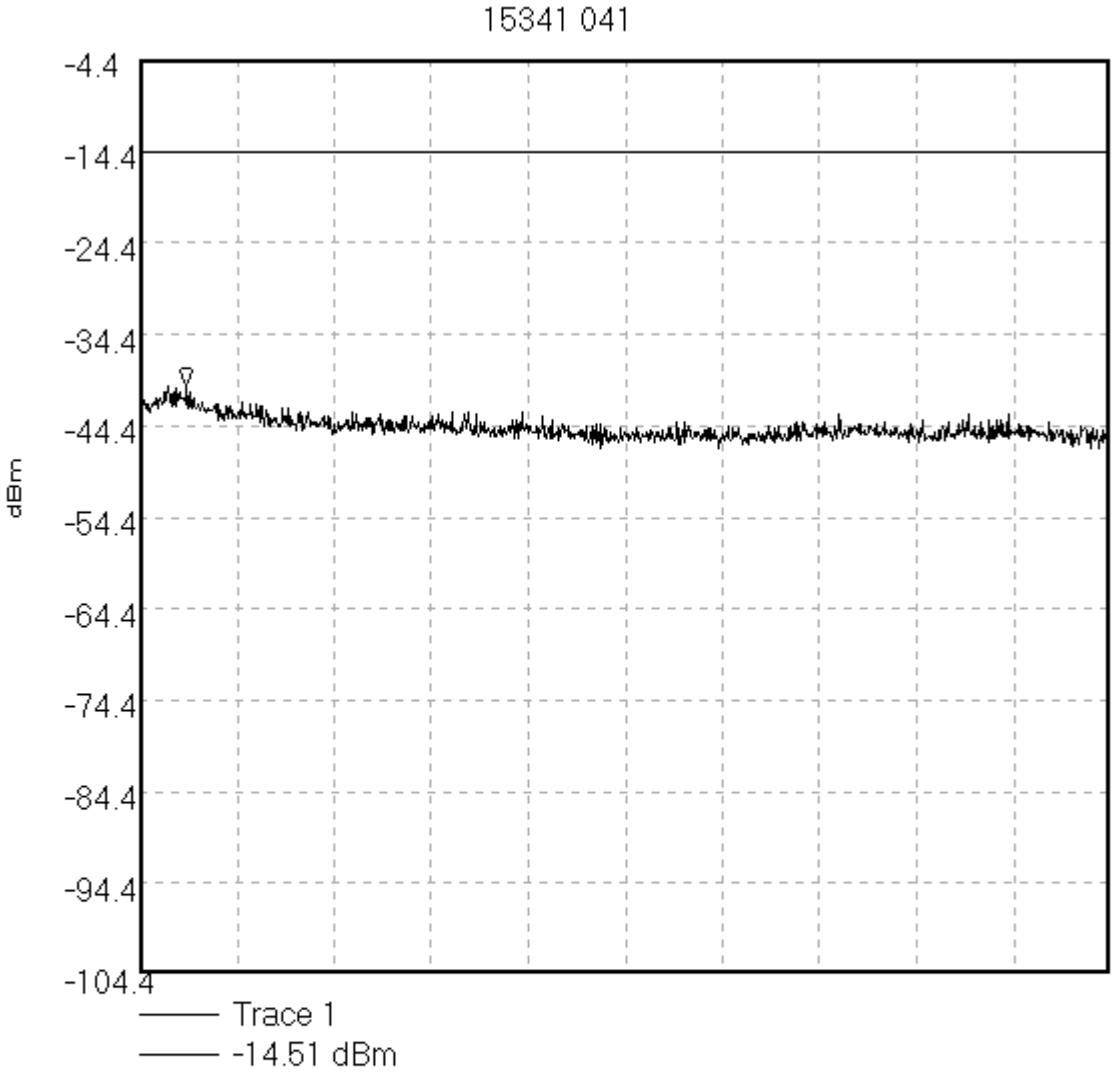
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\041

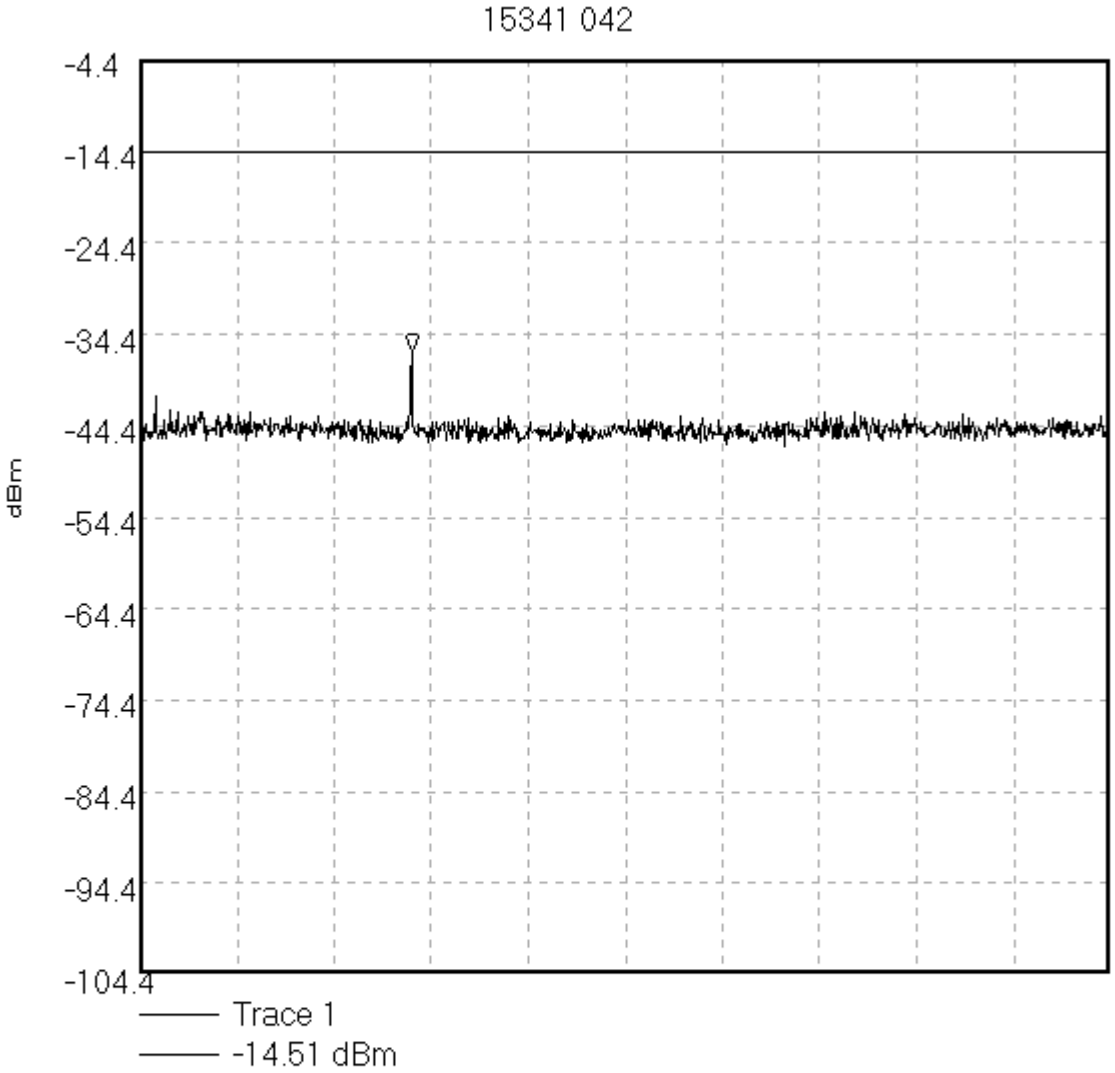
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\042

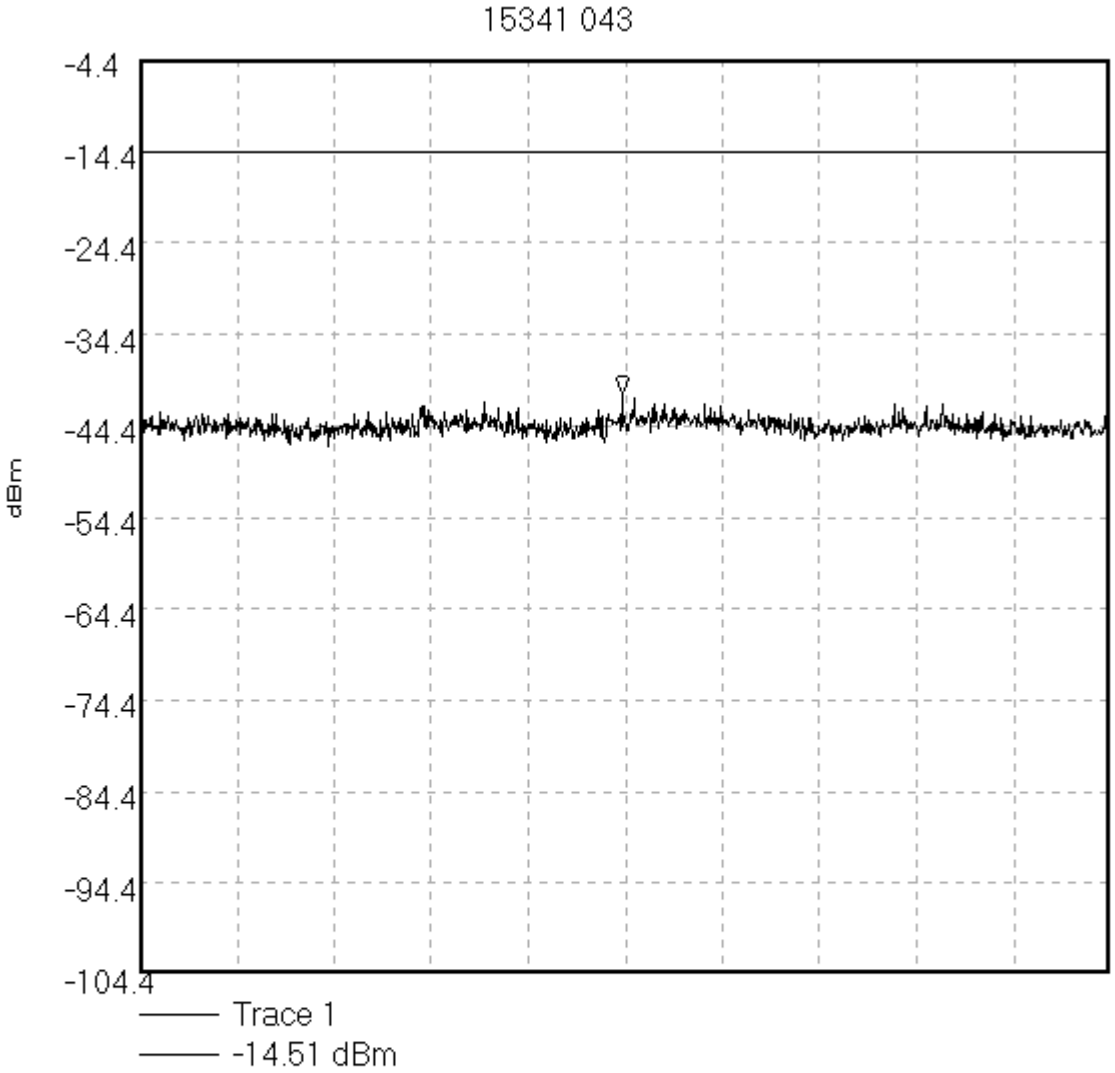
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\043

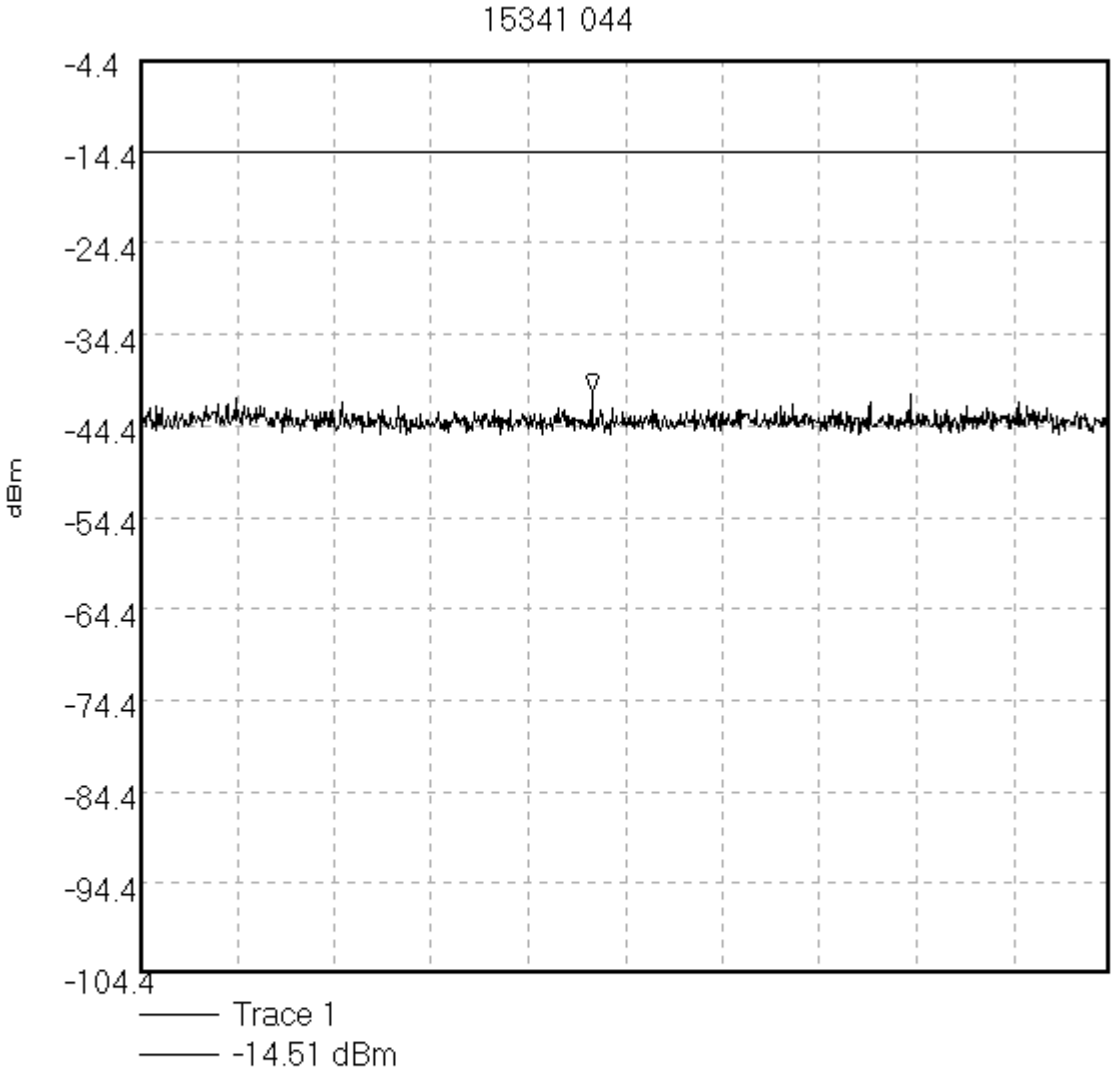
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\044

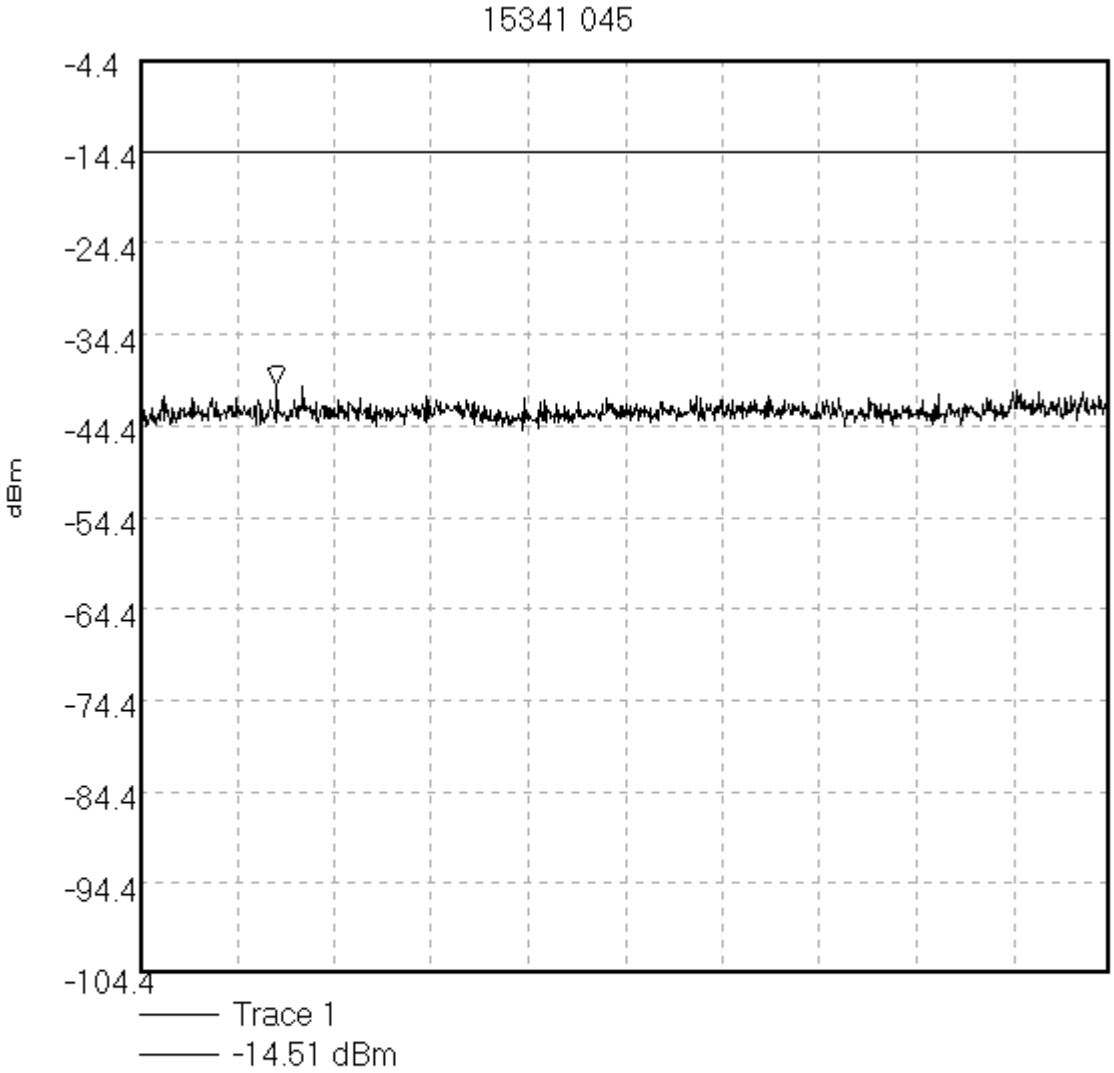
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\045

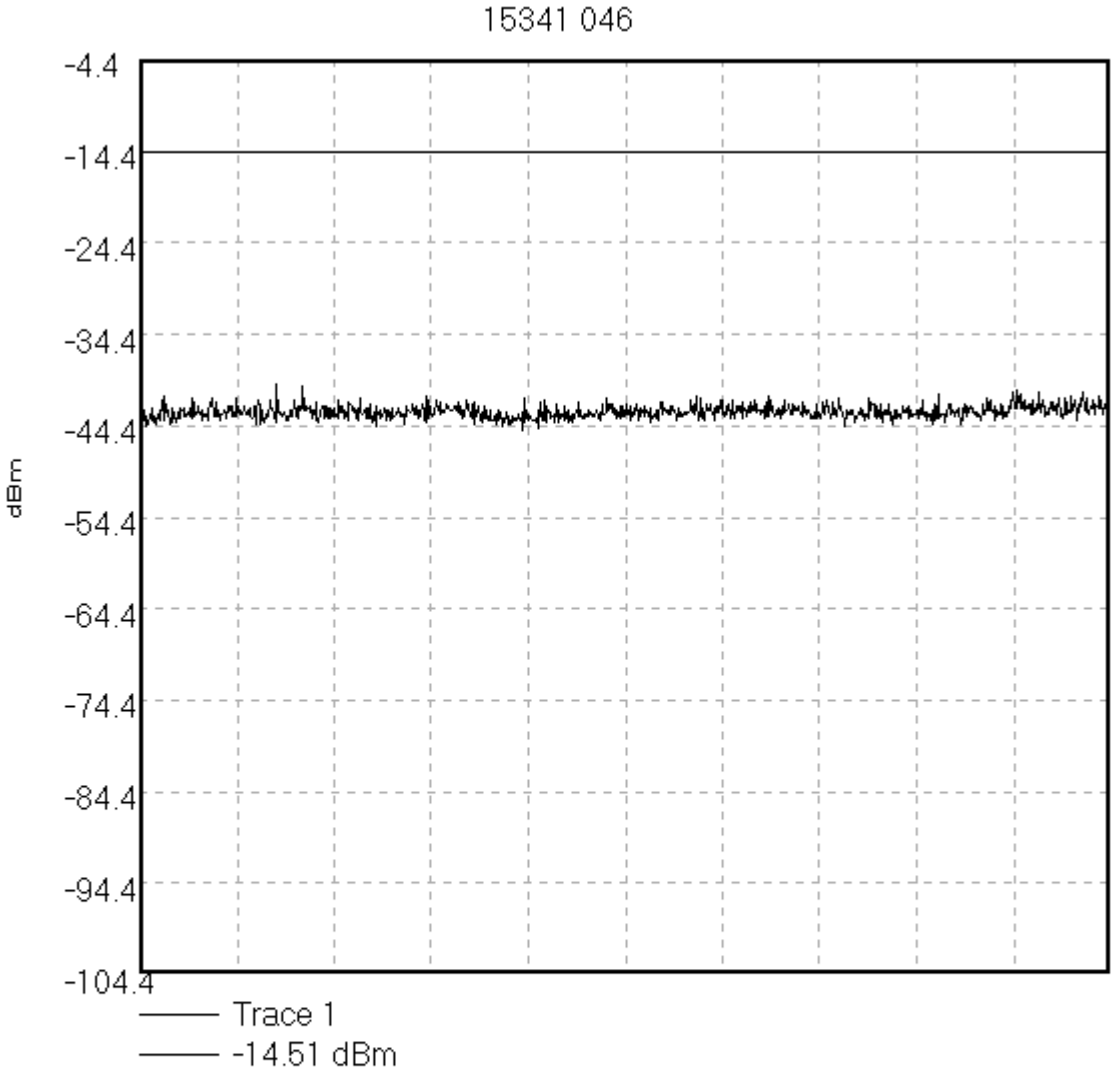
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\046

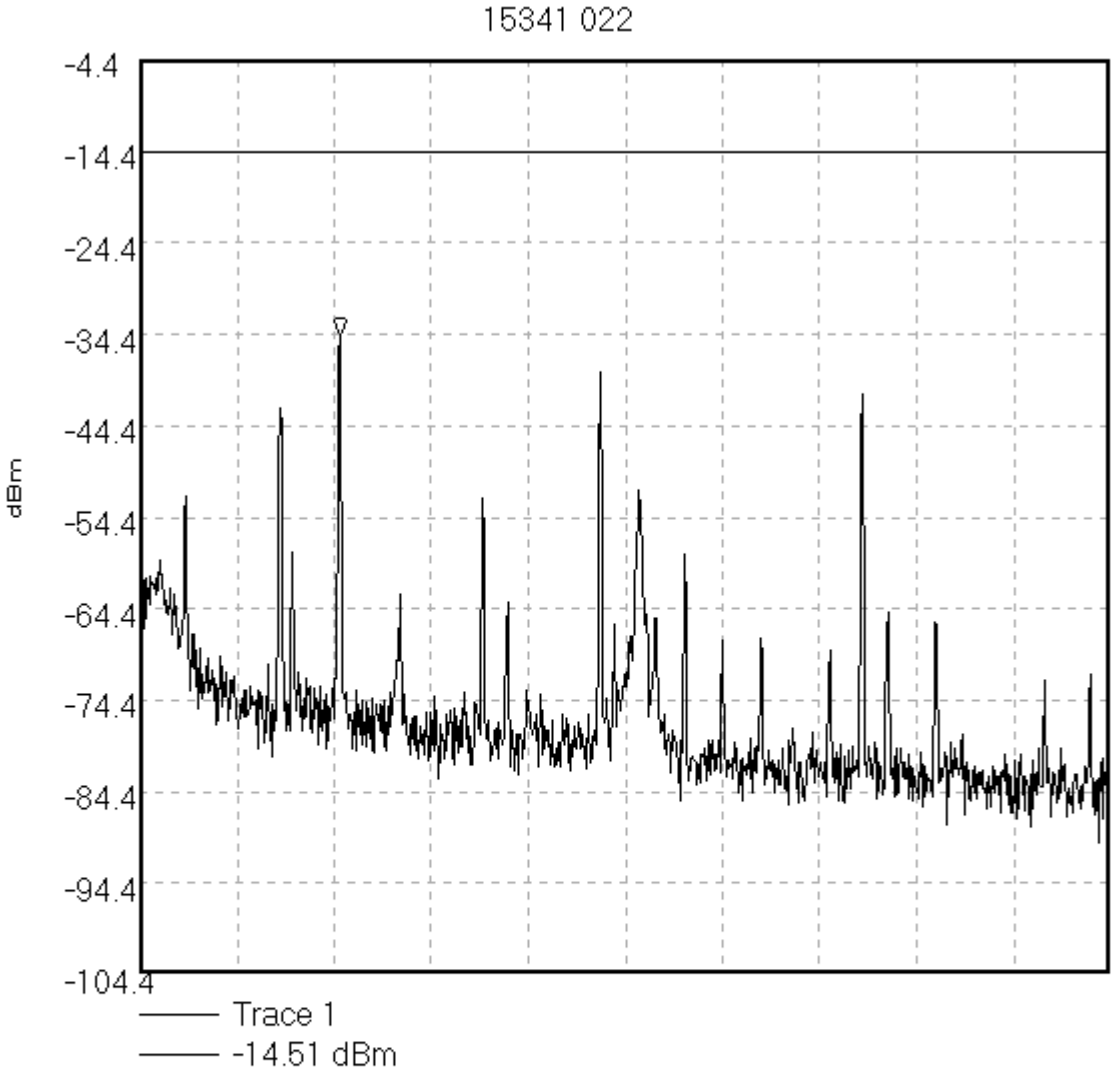
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 810 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\022

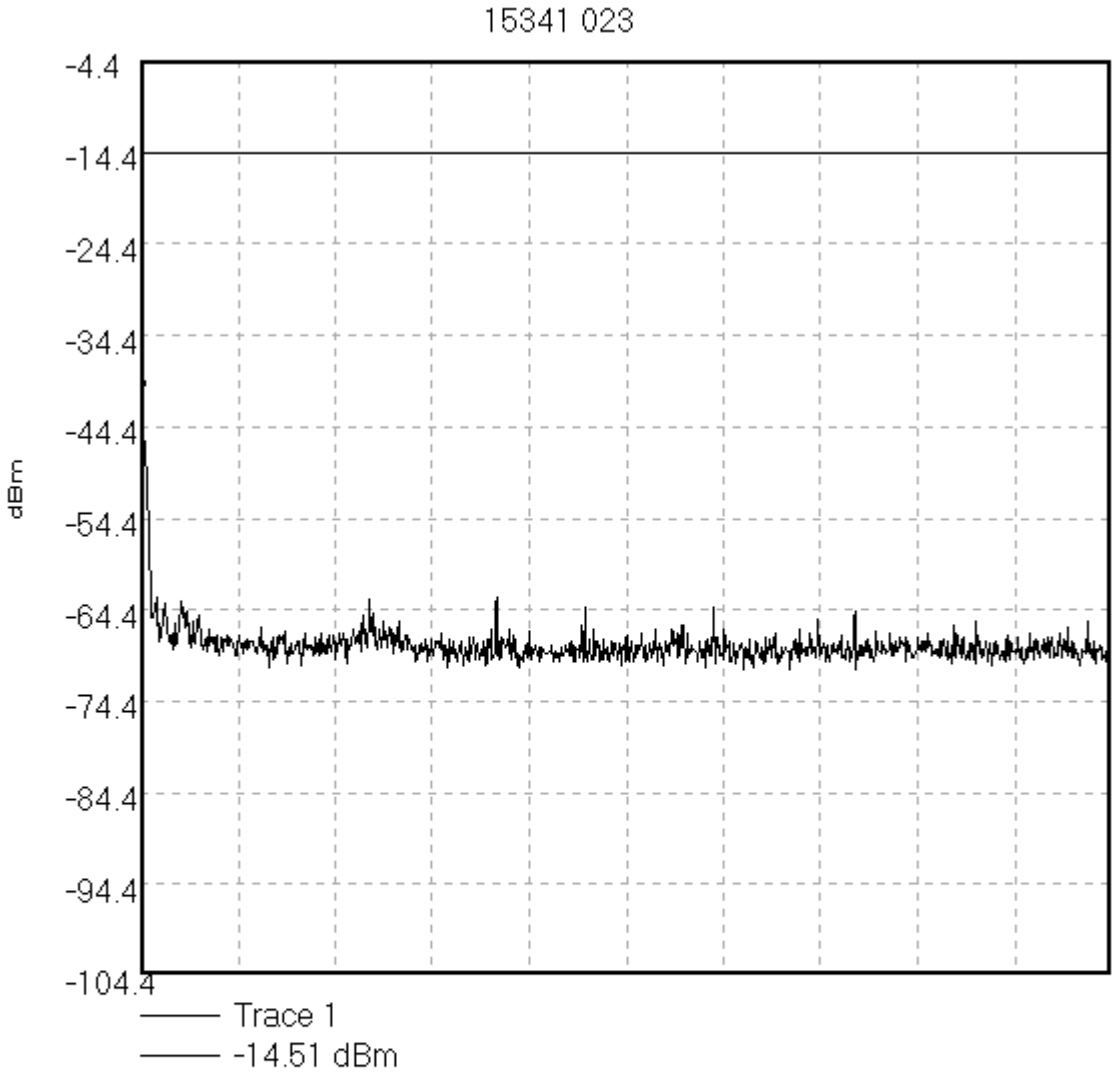
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\023

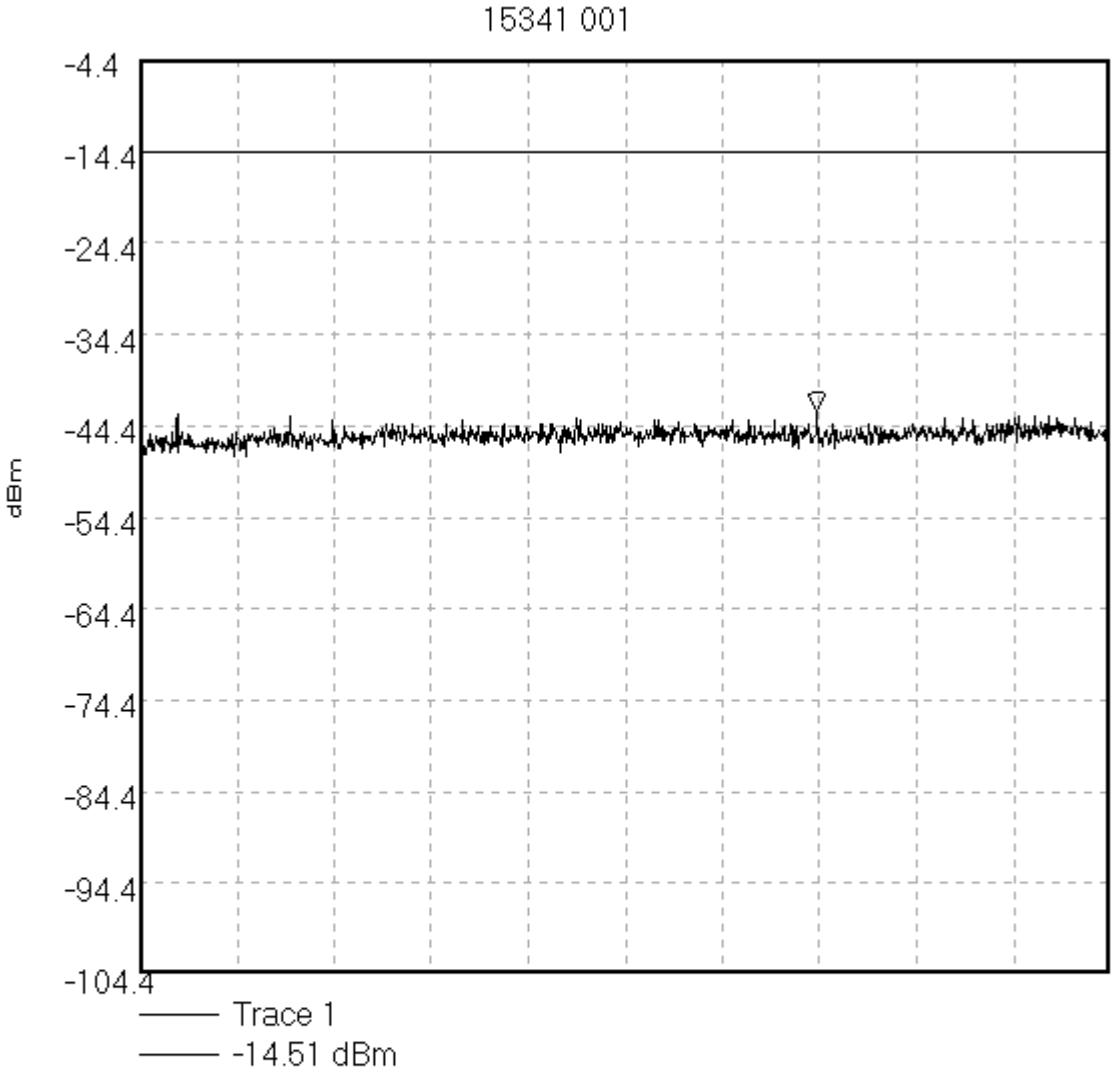
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\001

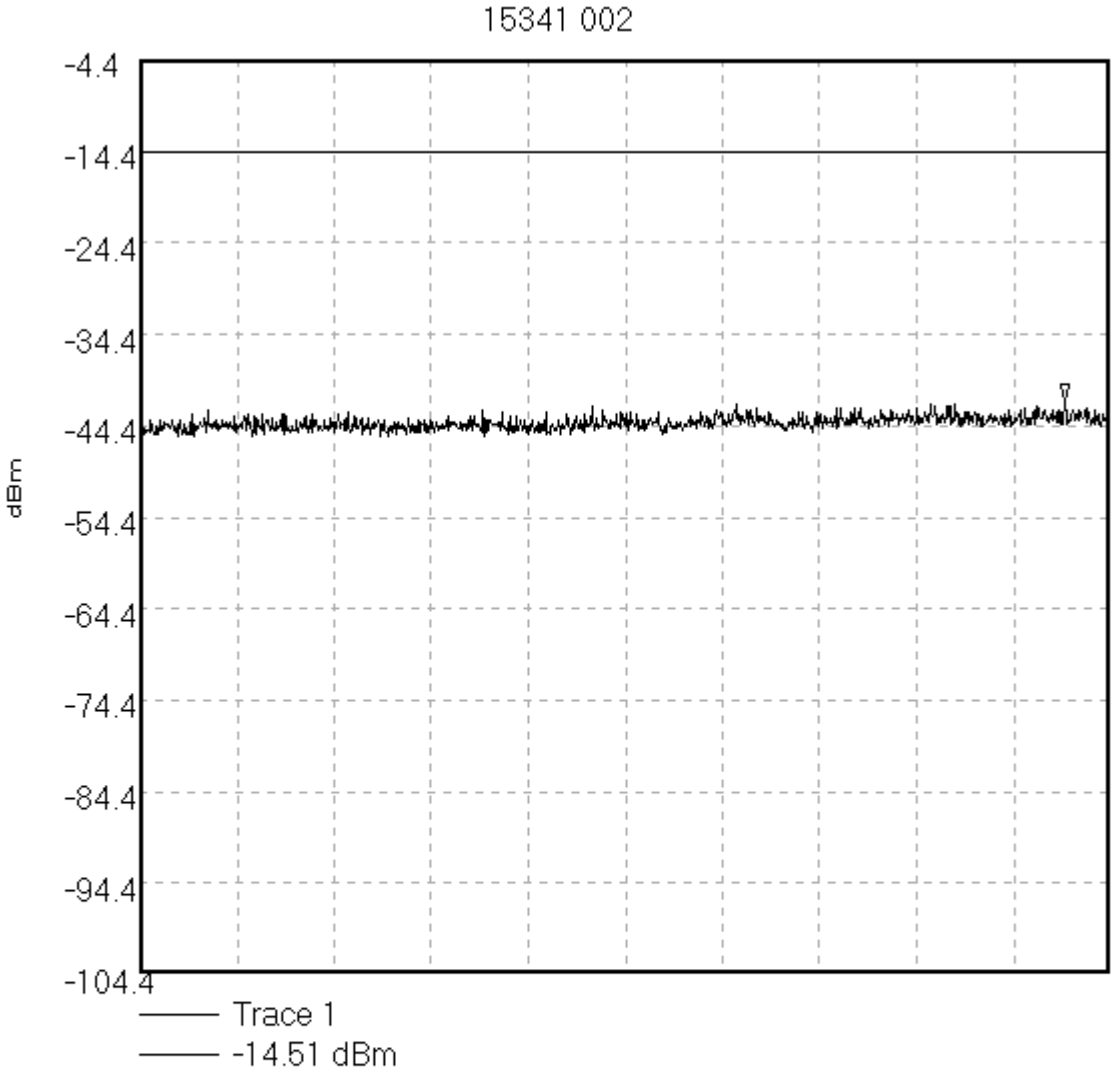
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\002

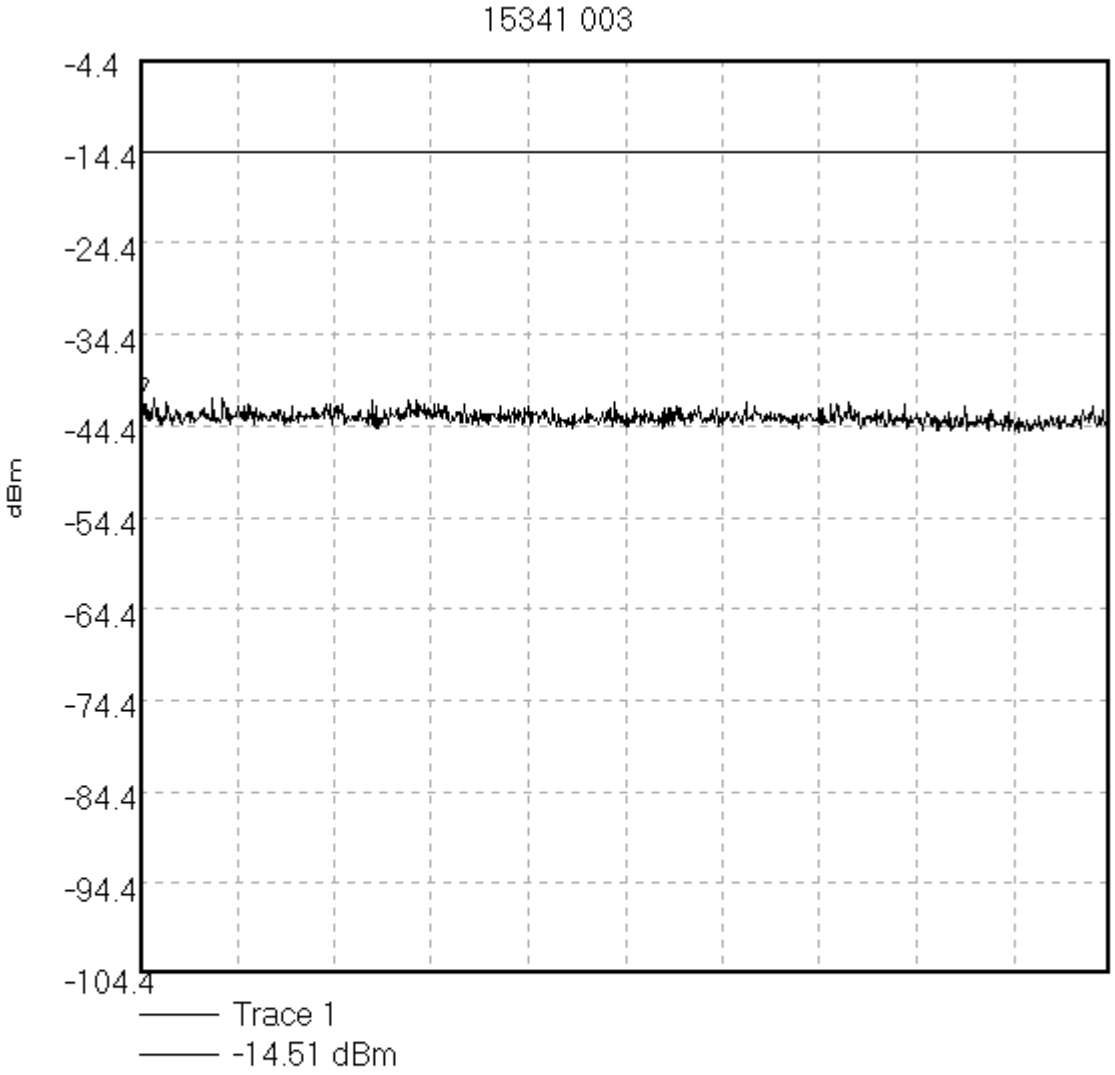
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\003

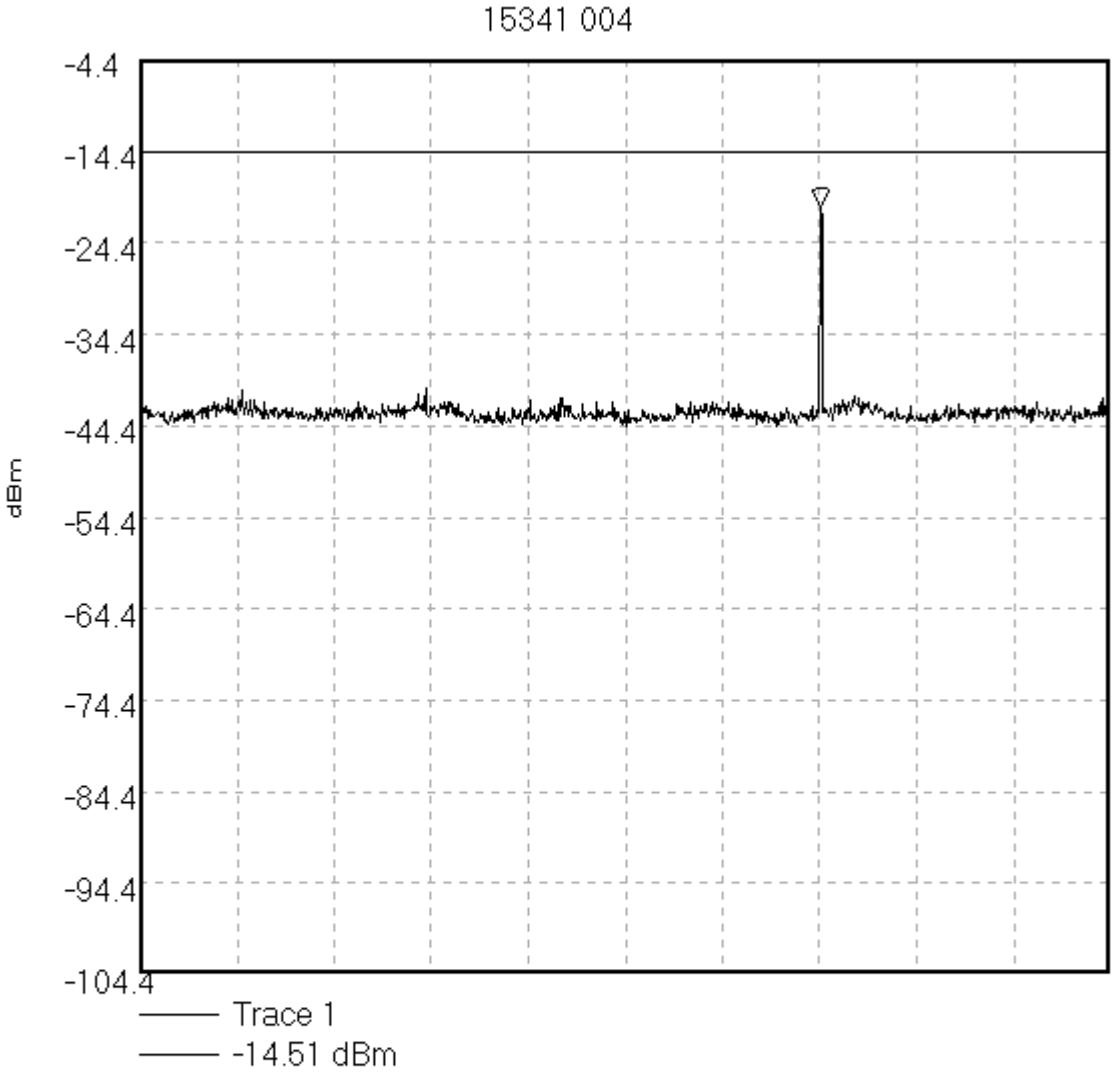
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\004

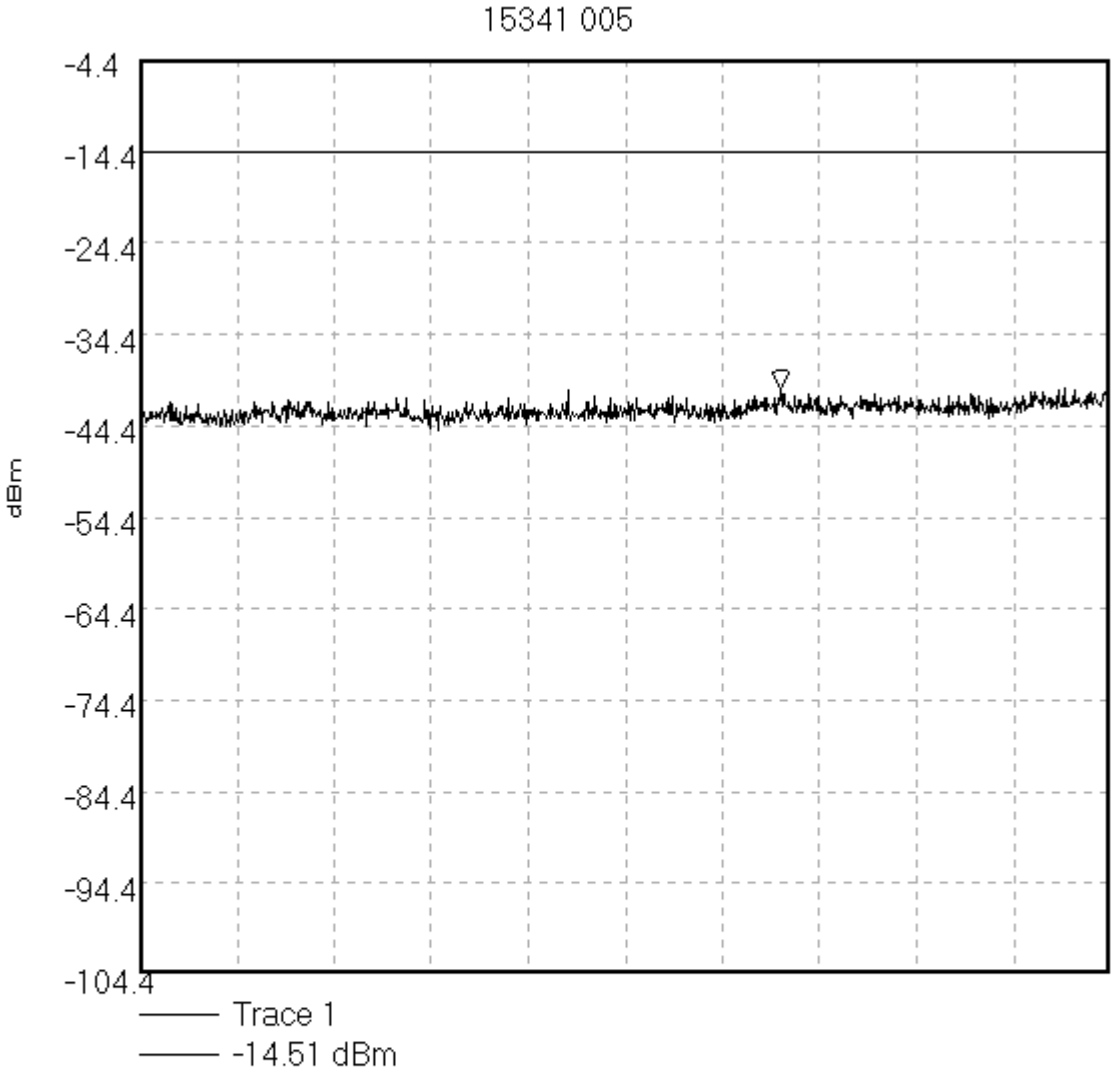
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\005

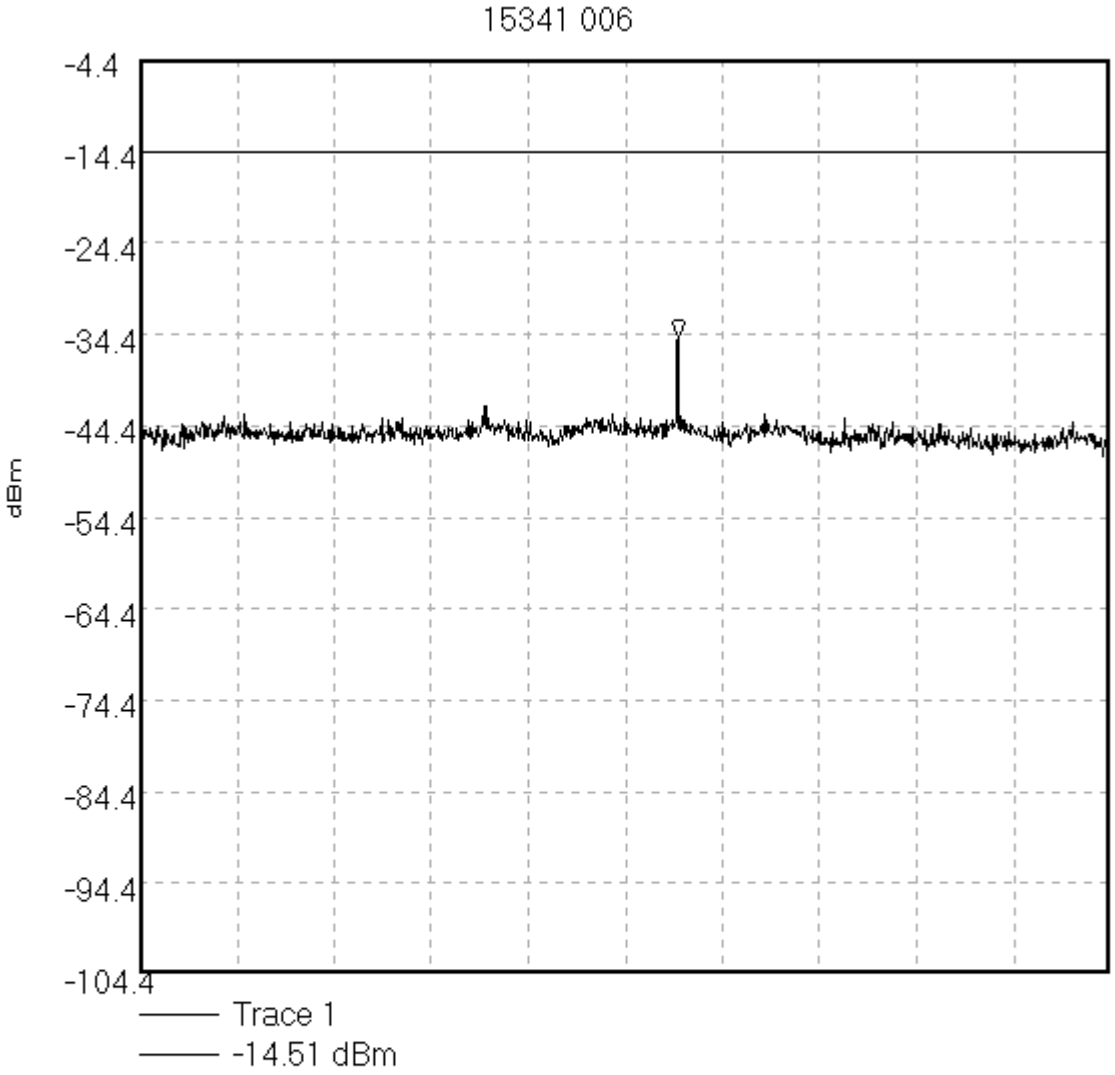
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\006

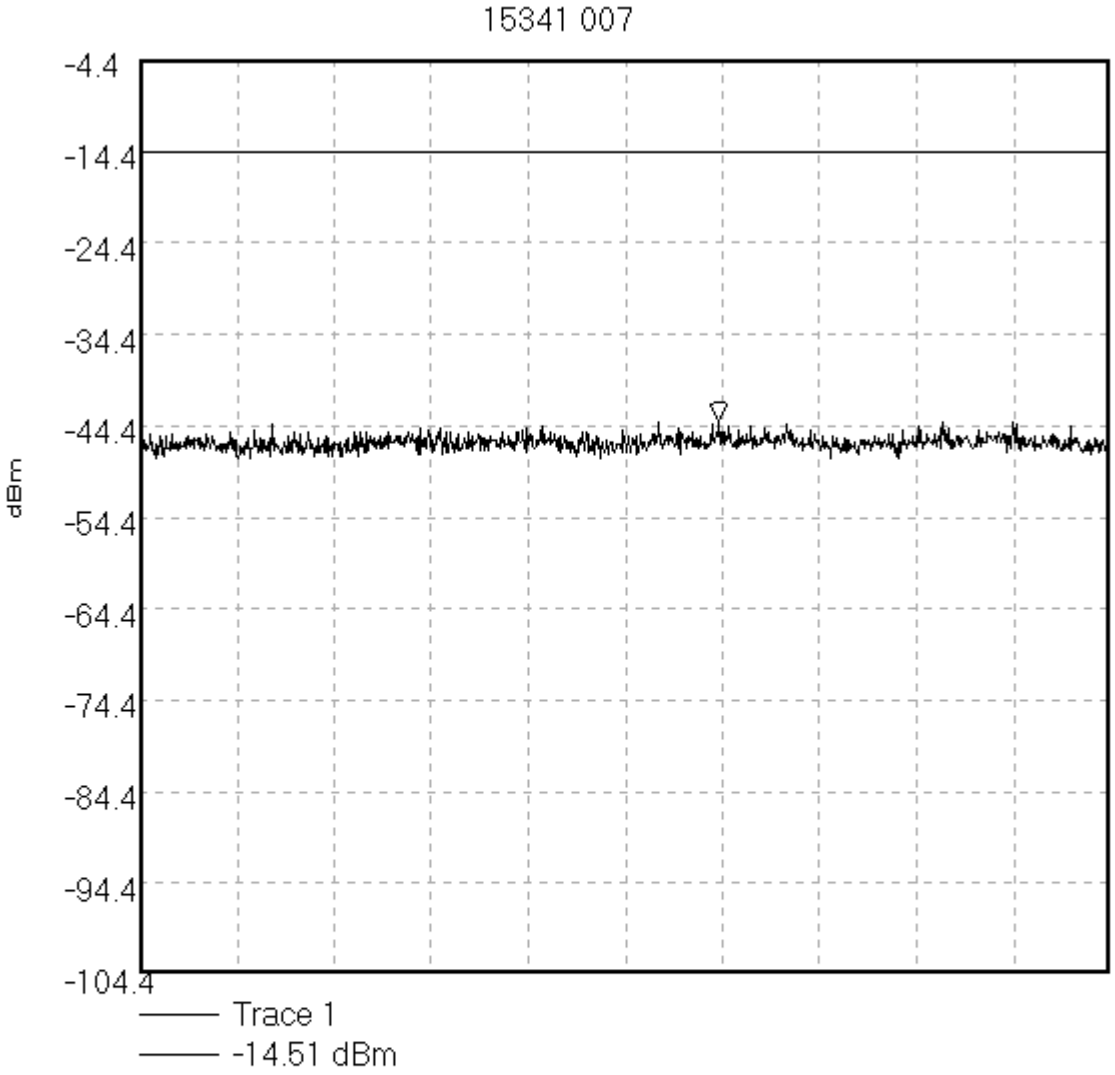
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\007

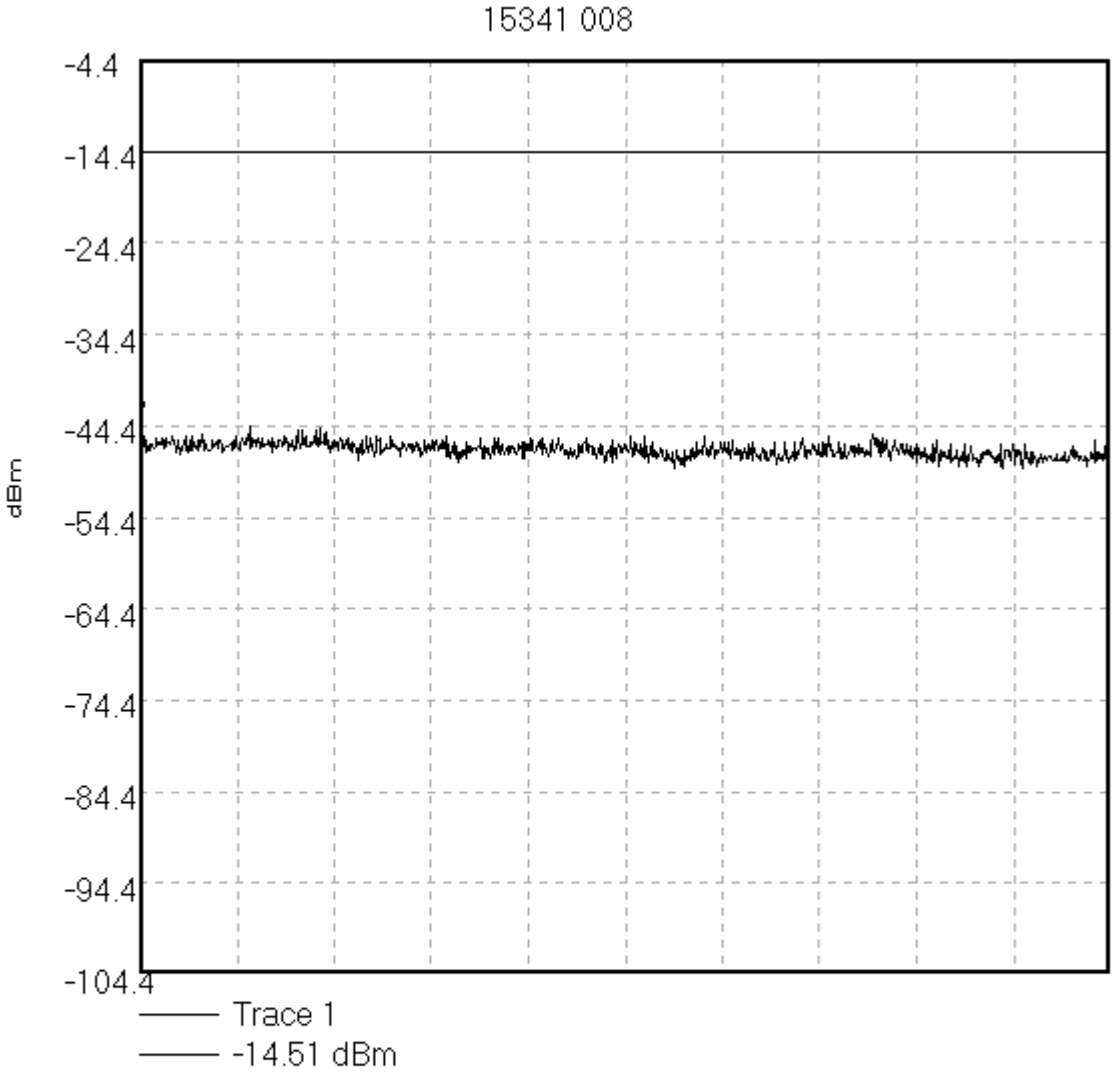
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\008

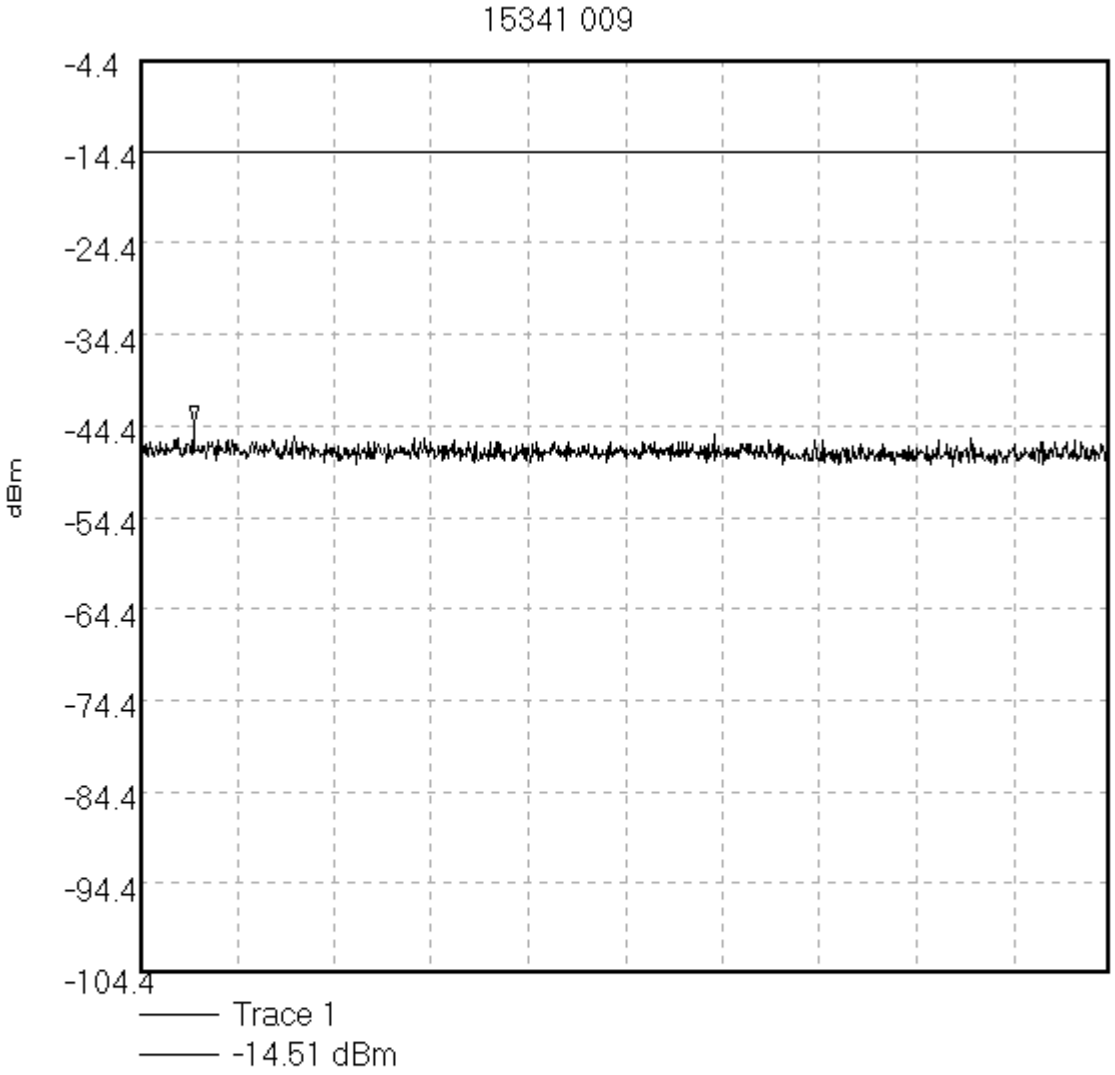
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\009

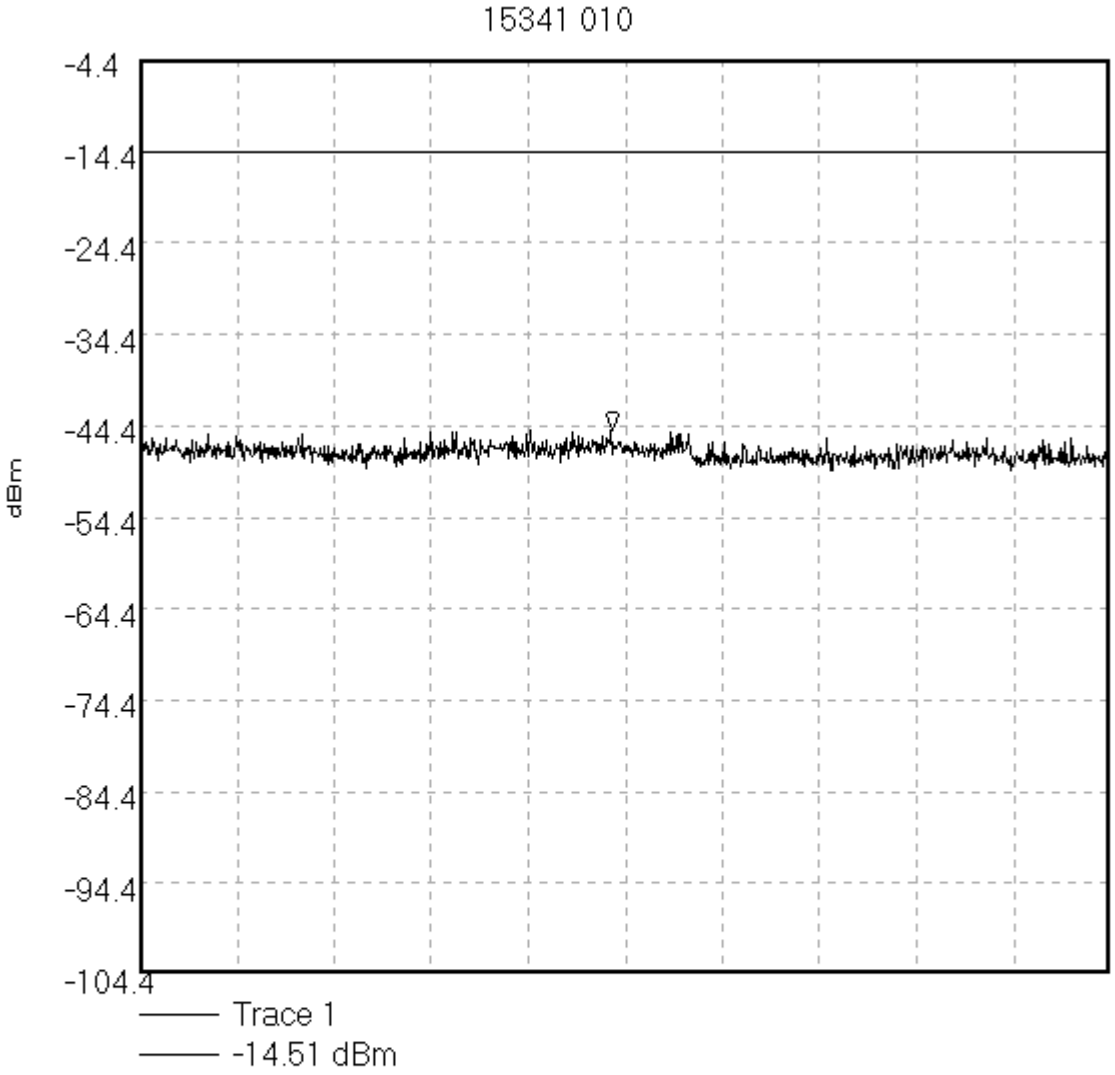
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\010

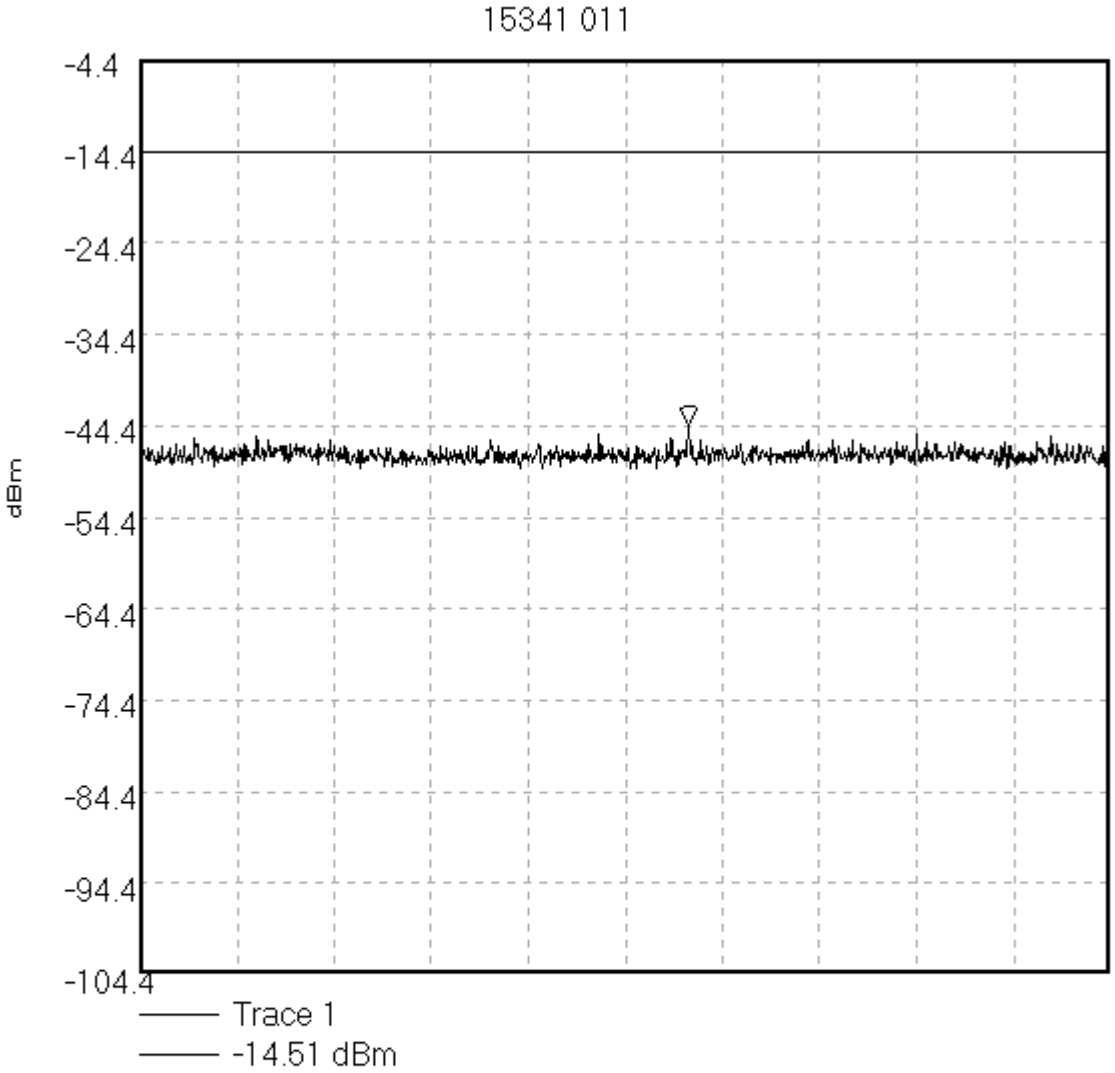
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\011

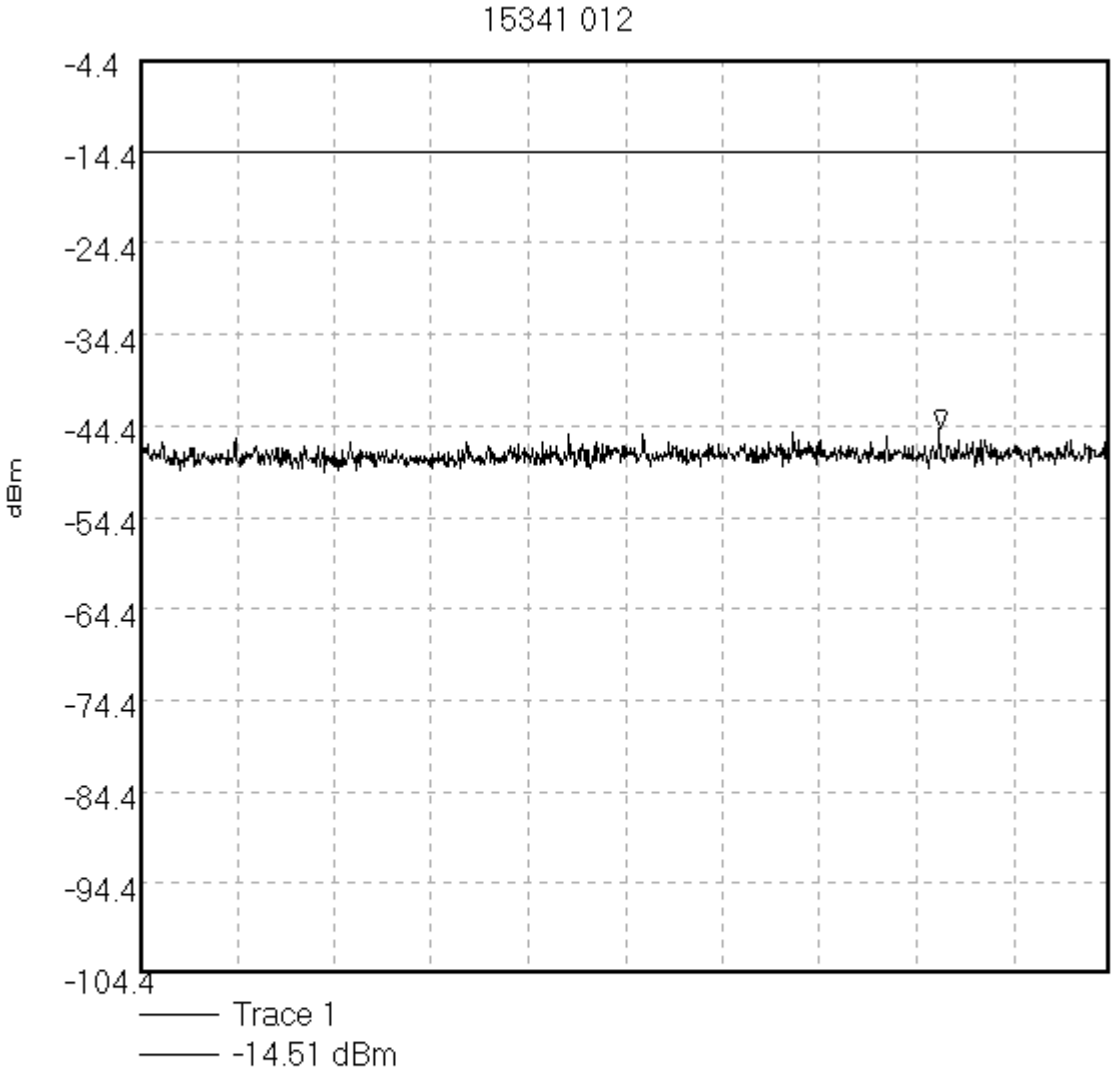
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\012

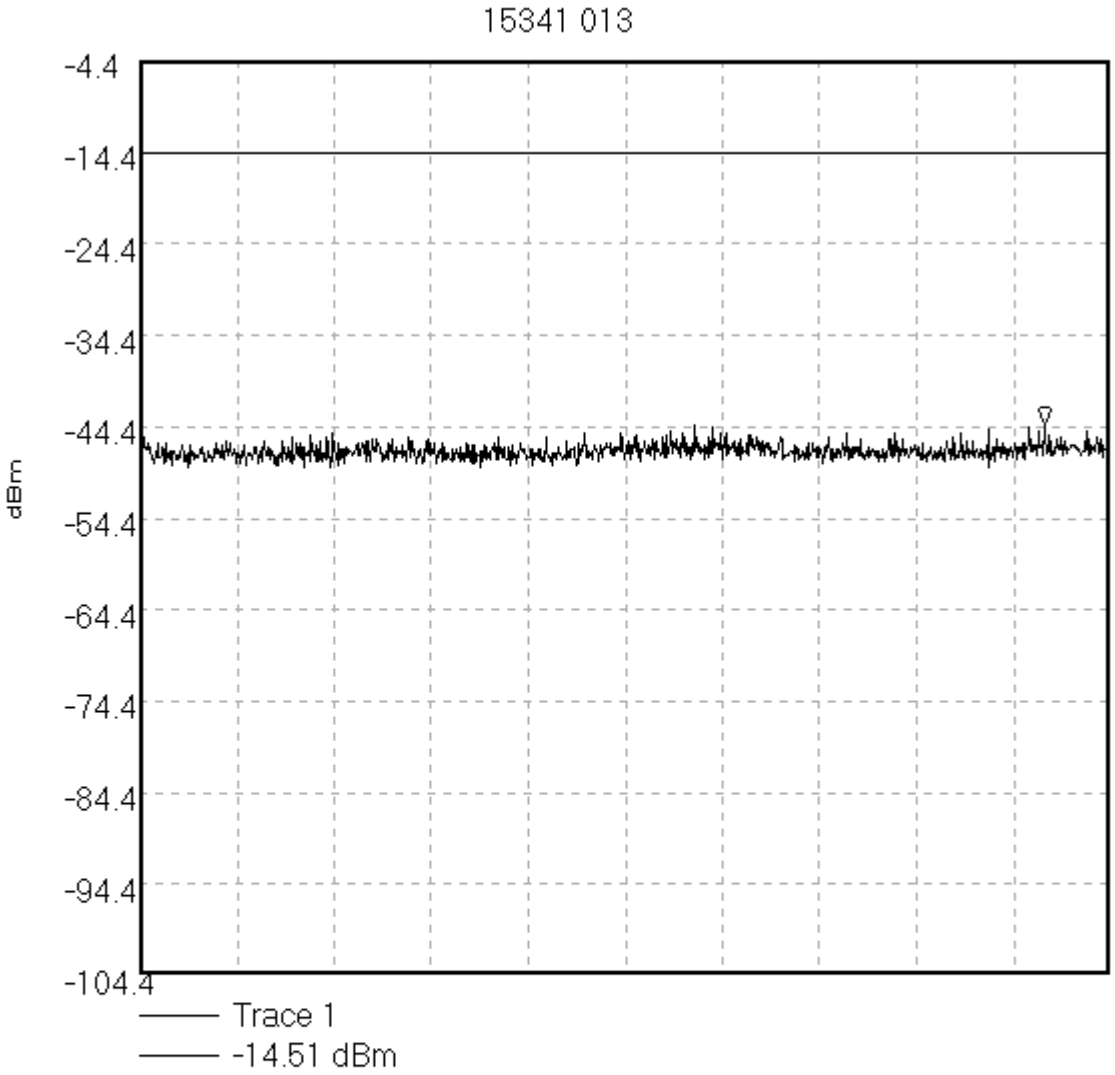
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\013

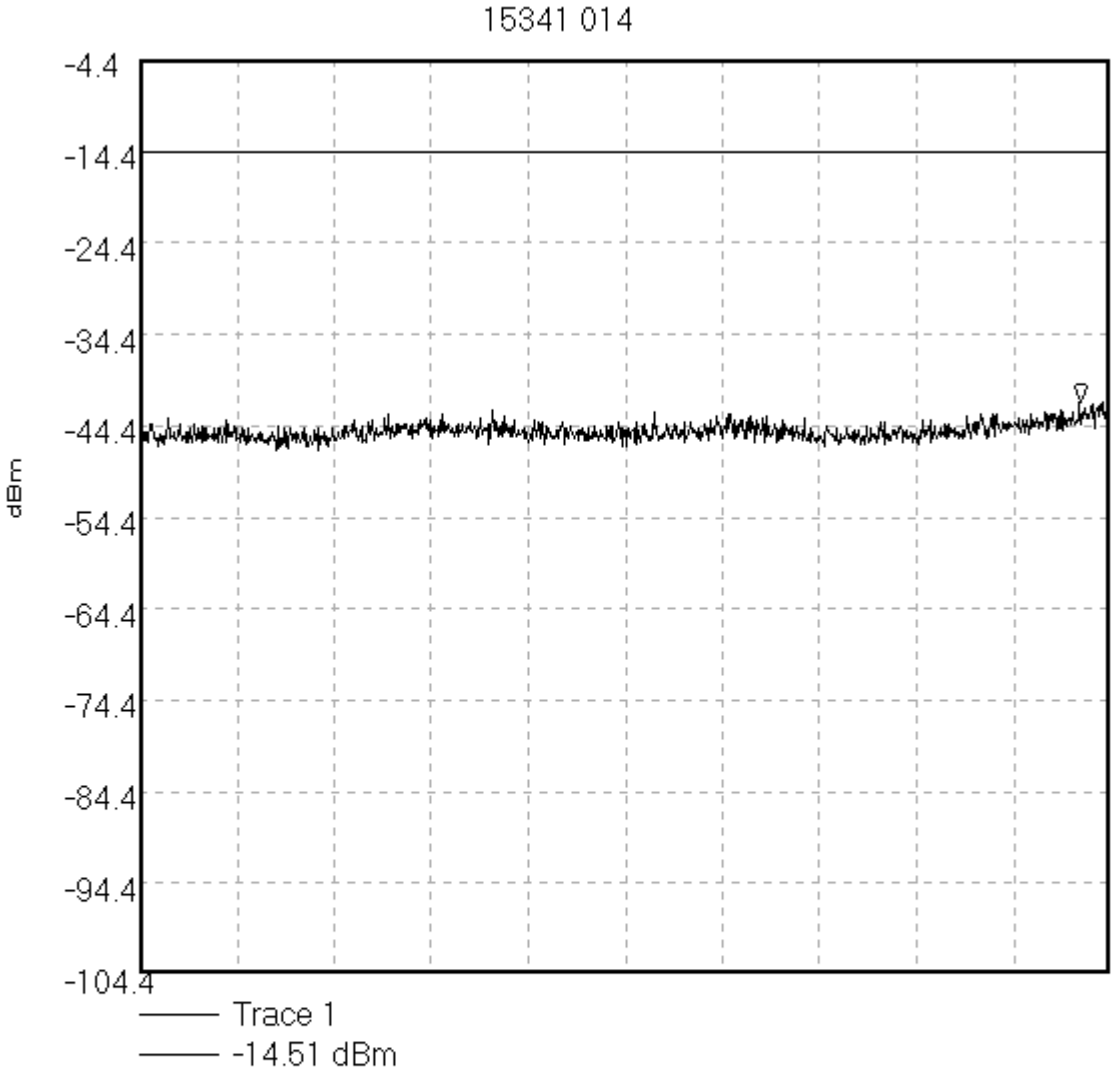
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\014

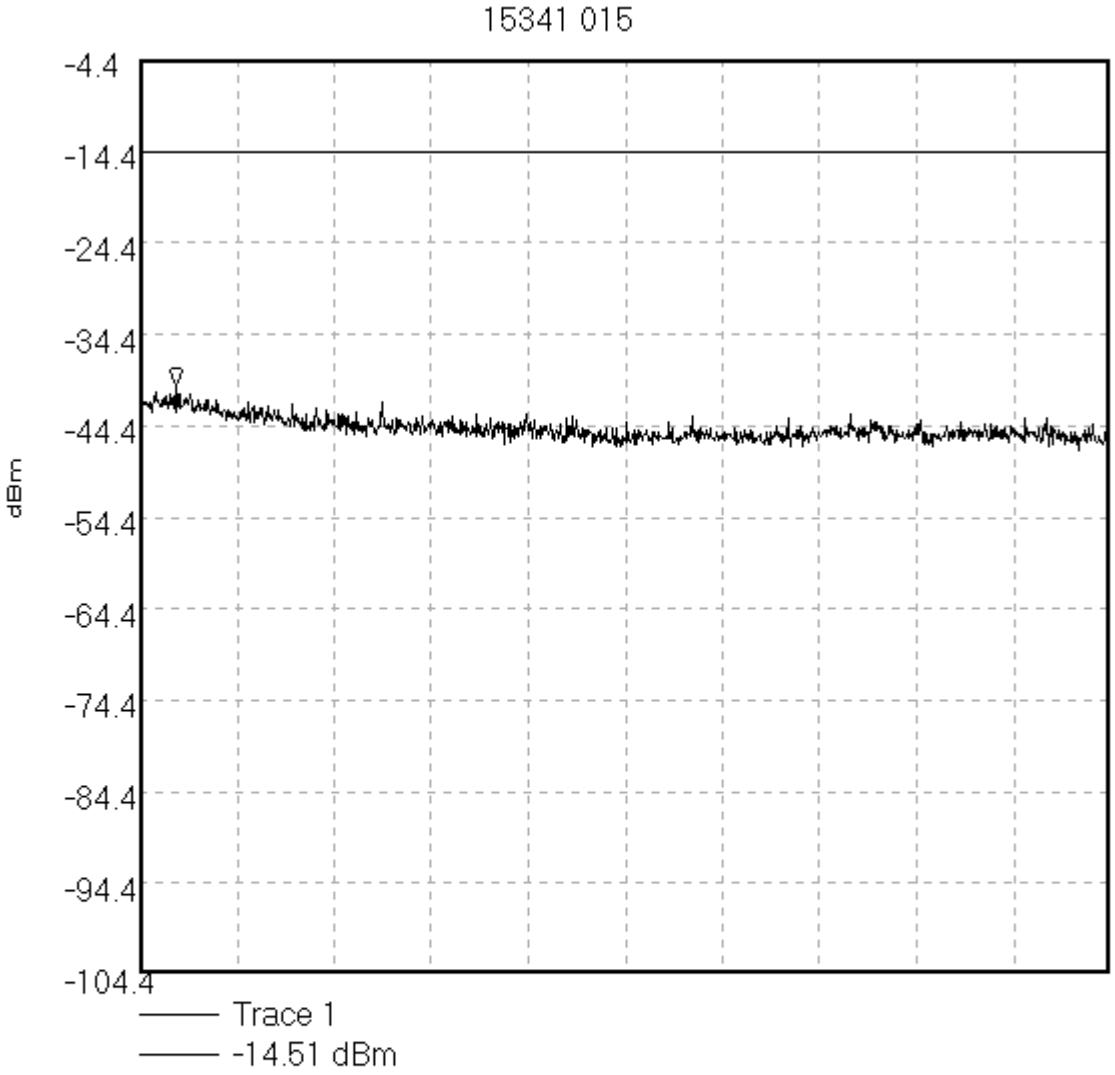
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\015

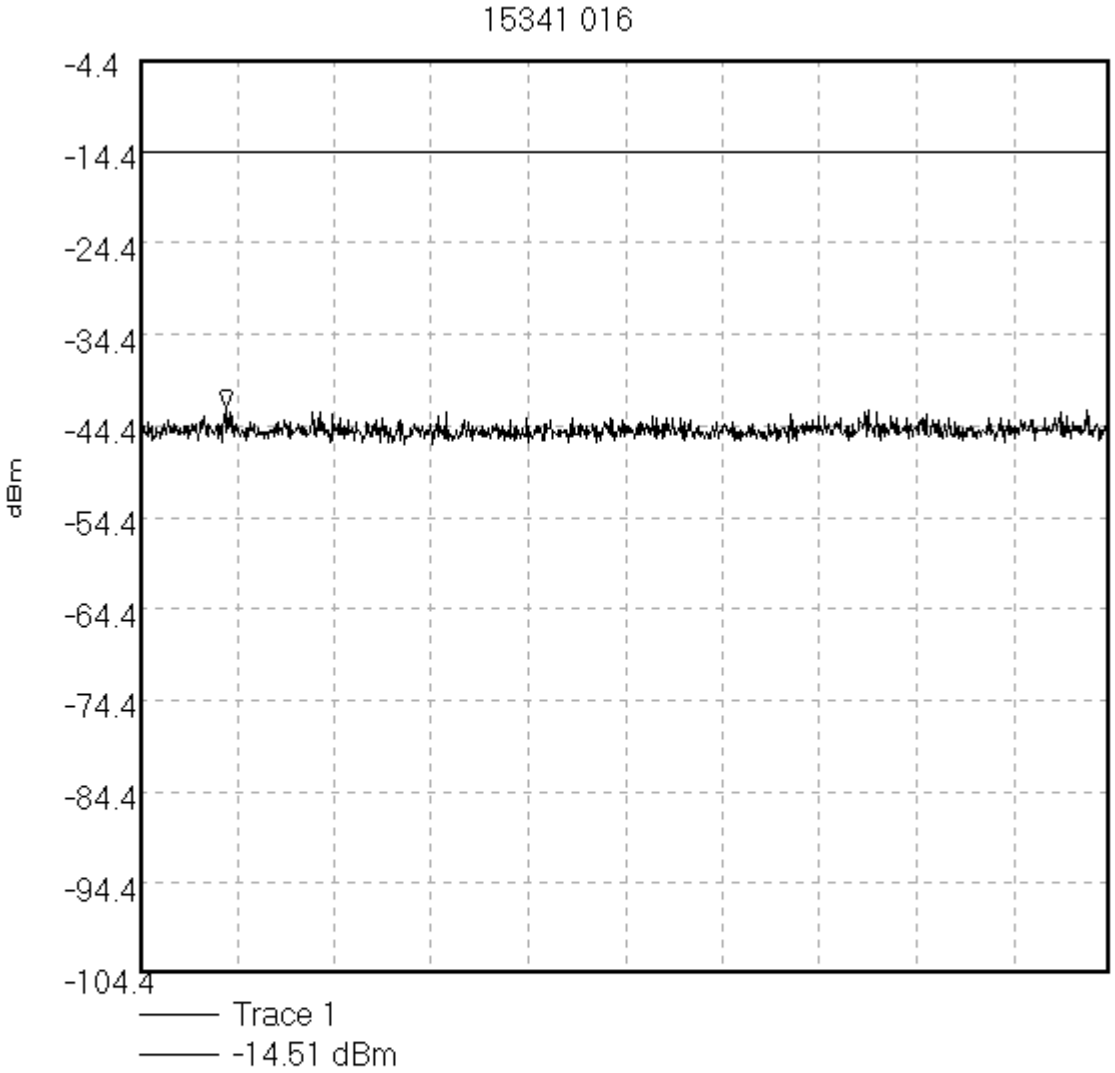
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\016

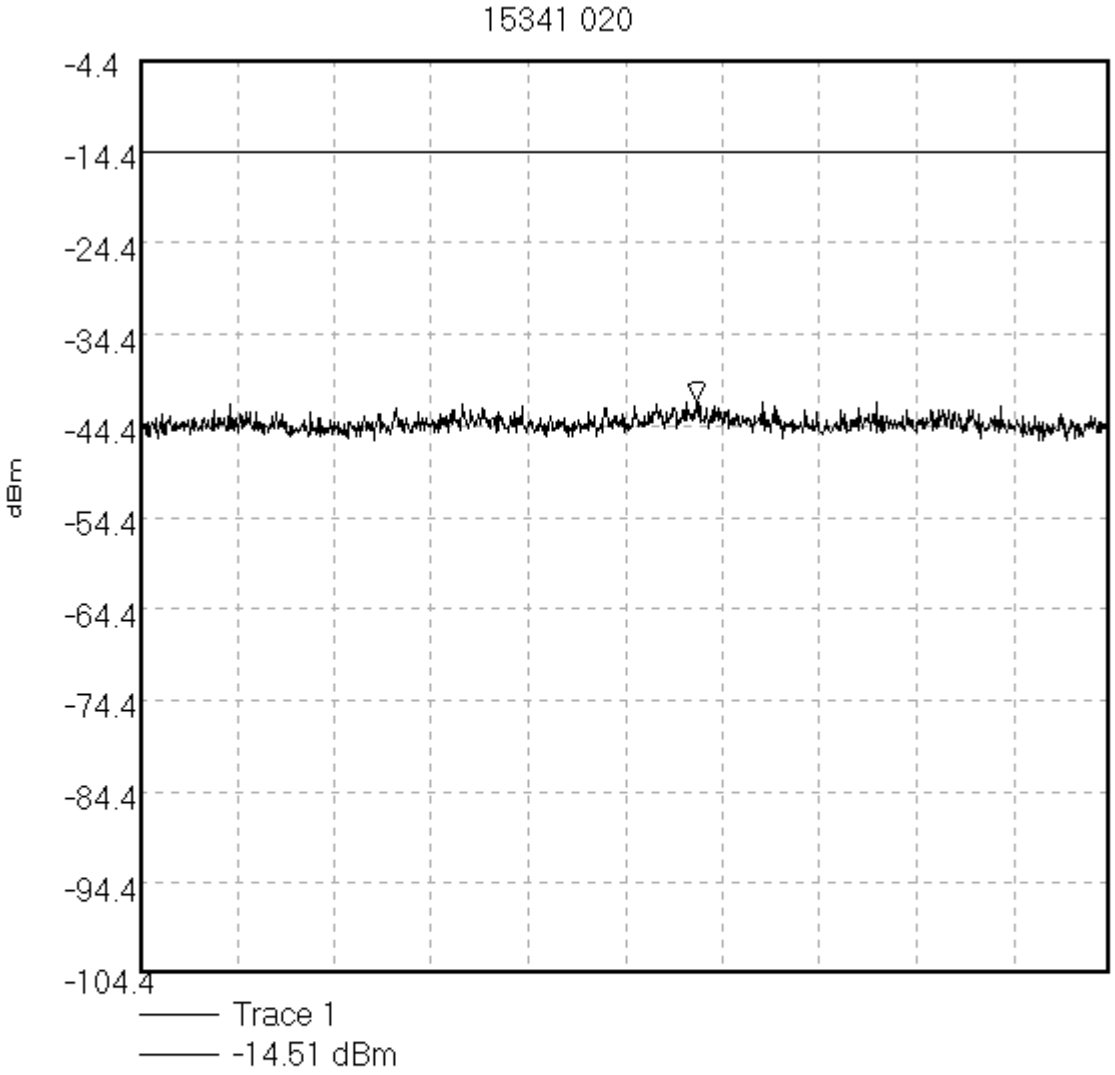
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\020

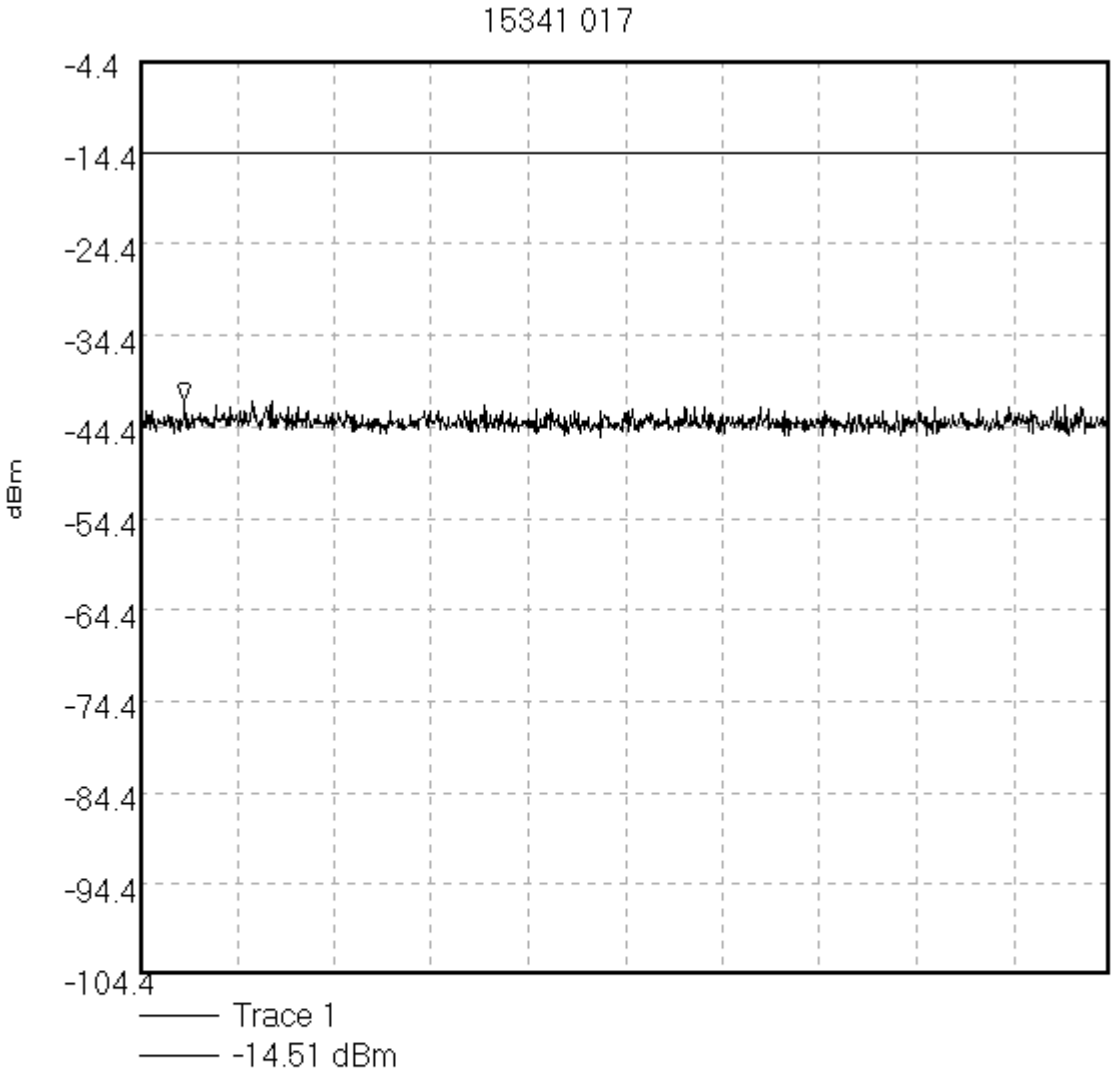
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\017

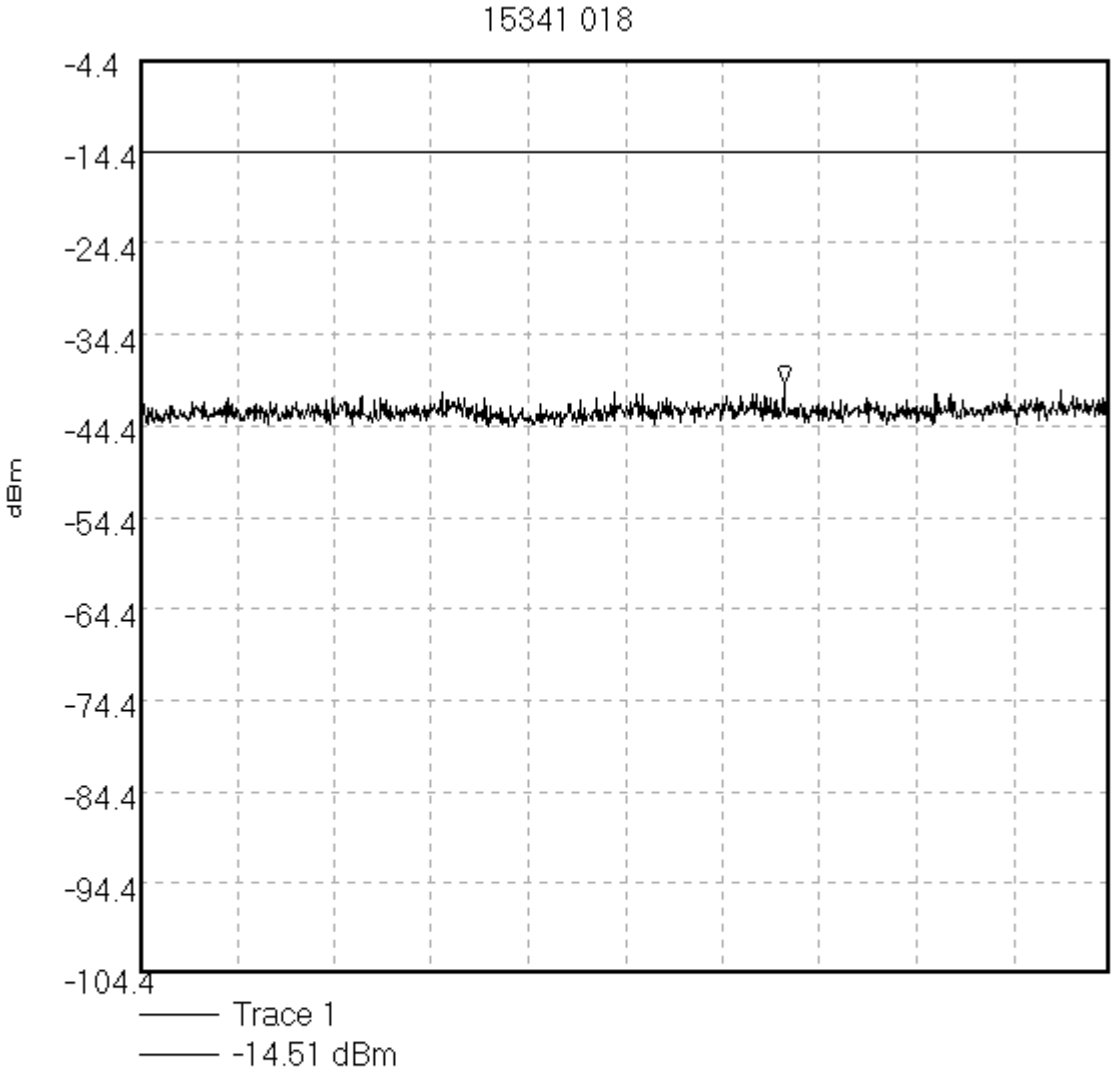
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\018

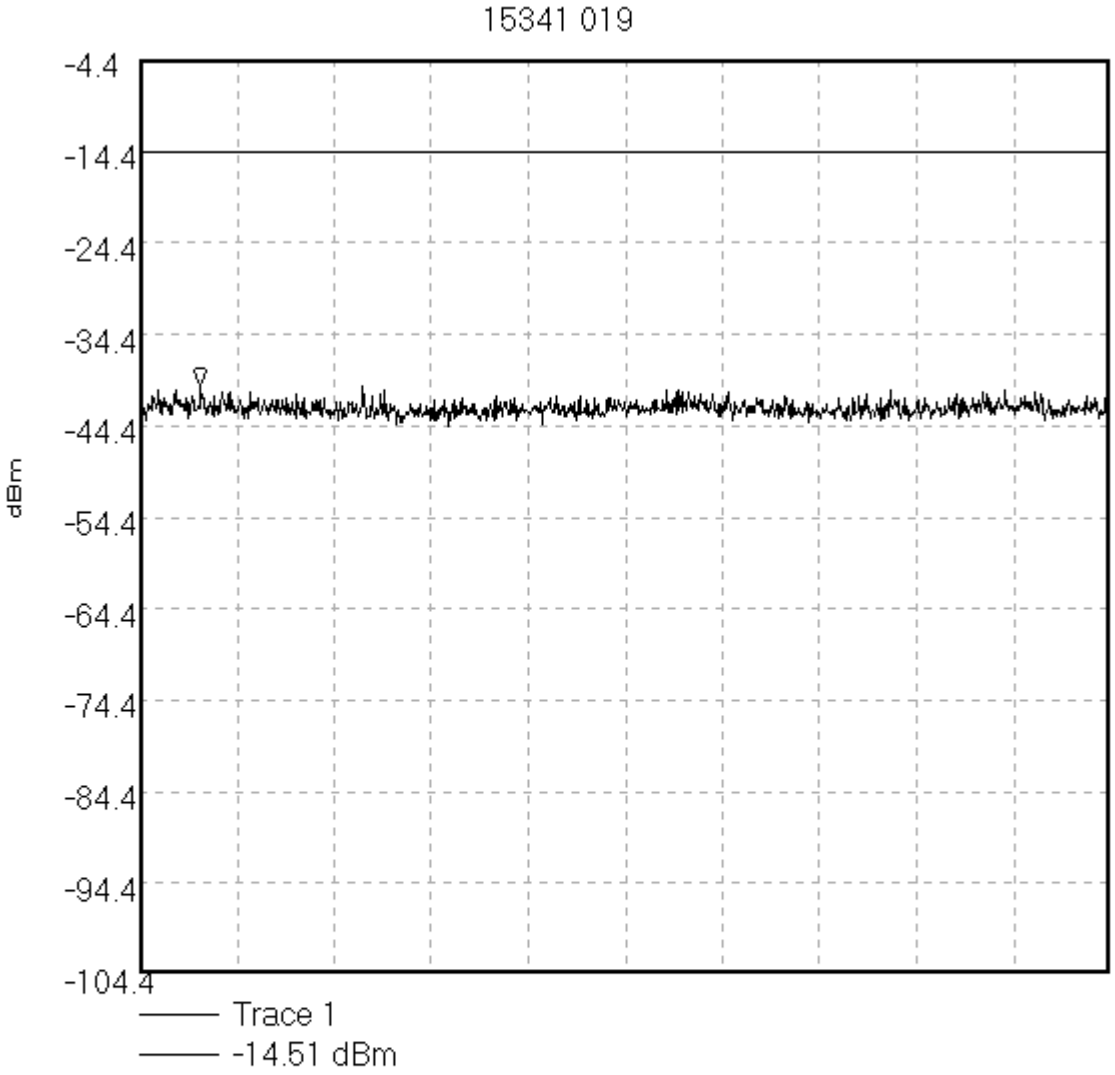
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341\019

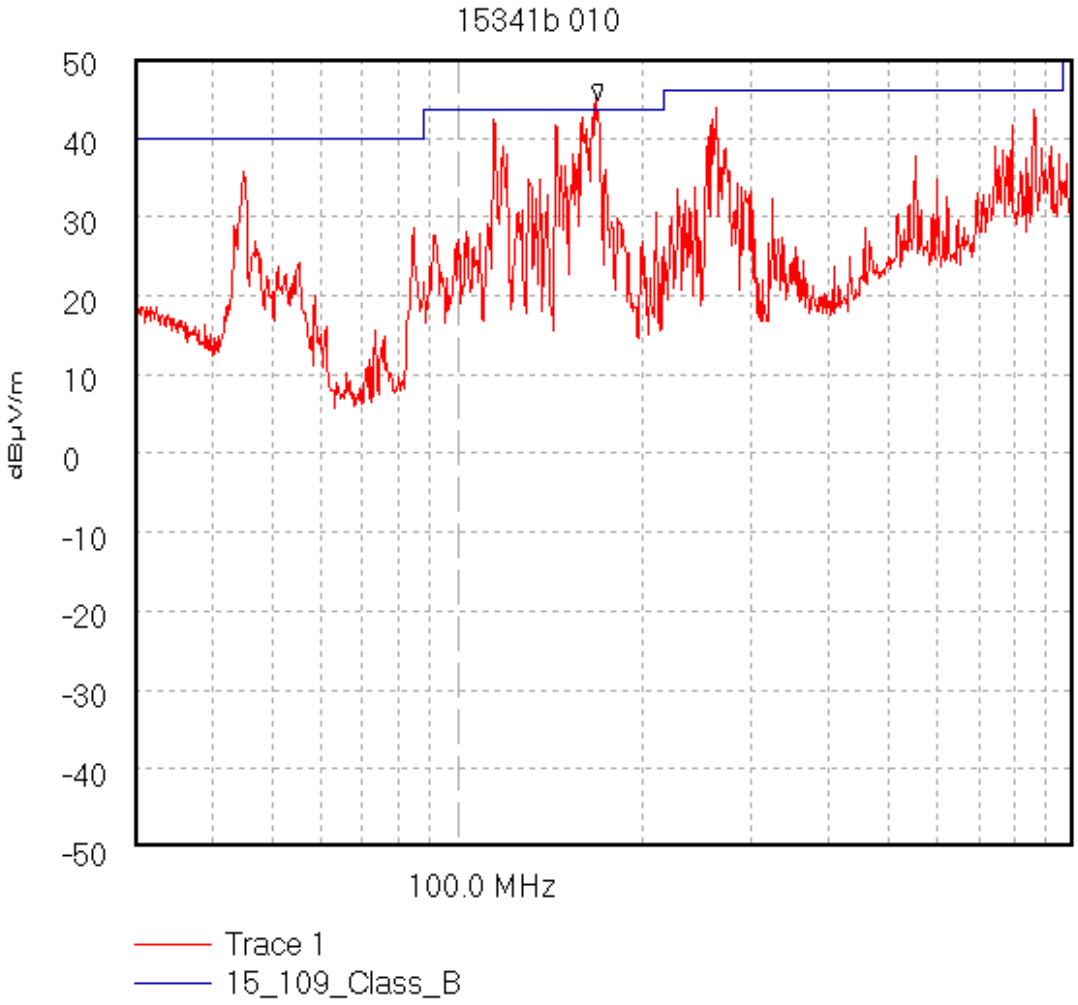
Testing of Danger HIPTOP PCS phone to FCC part 15.238.
Operating Condition: Channel 512 Tx High Power.



Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\010

Radiated Emissions. FCC Part 15.109 Class B. PreScan @ 3m.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle.



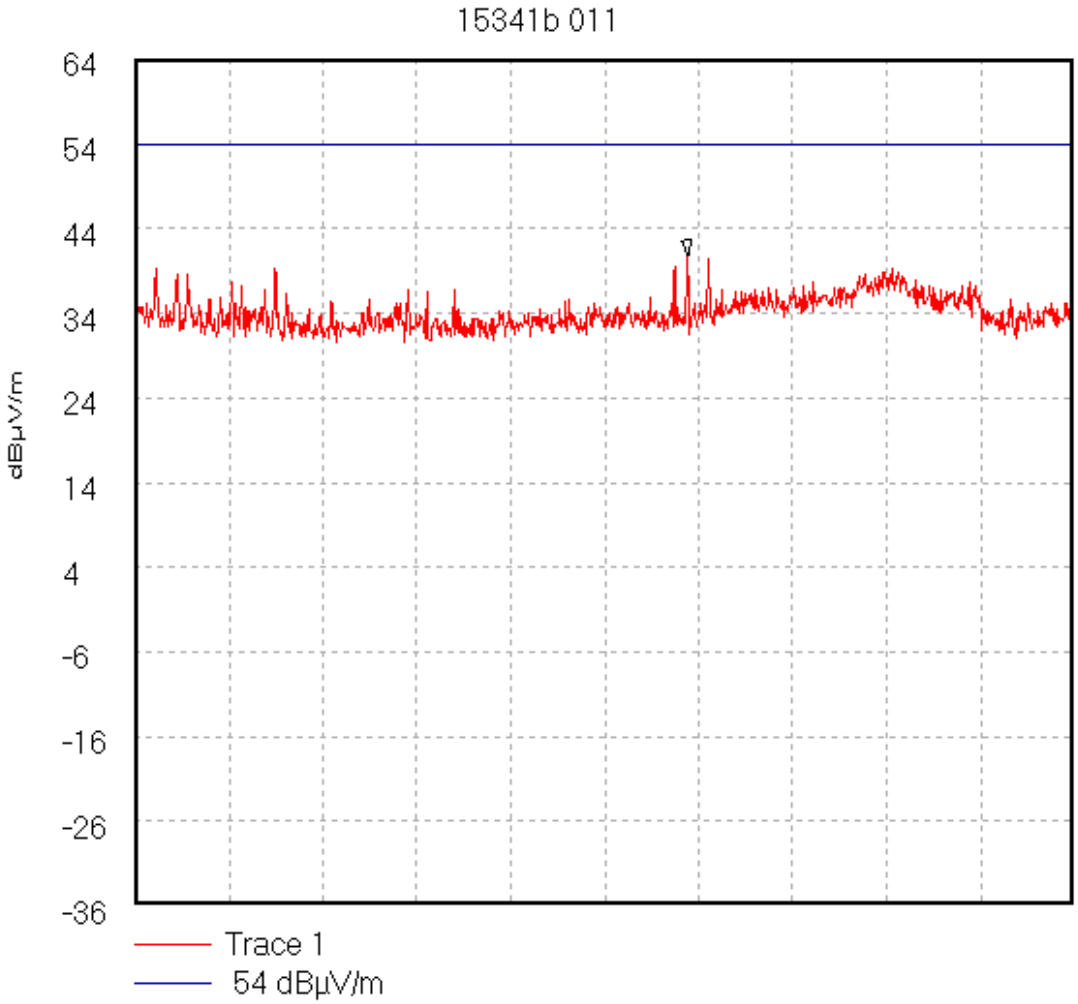
Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 50 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 168.545 MHz, 44.72 dBµV/m
Limit/Mask: 15_109_Class_B; ; Limit Test Failed
Transducer Factors: A490
14/02/2002 10:42:24

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\011

Radiated Emissions. FCC Part 15.109 Class B. PreScan @ 1m.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle.

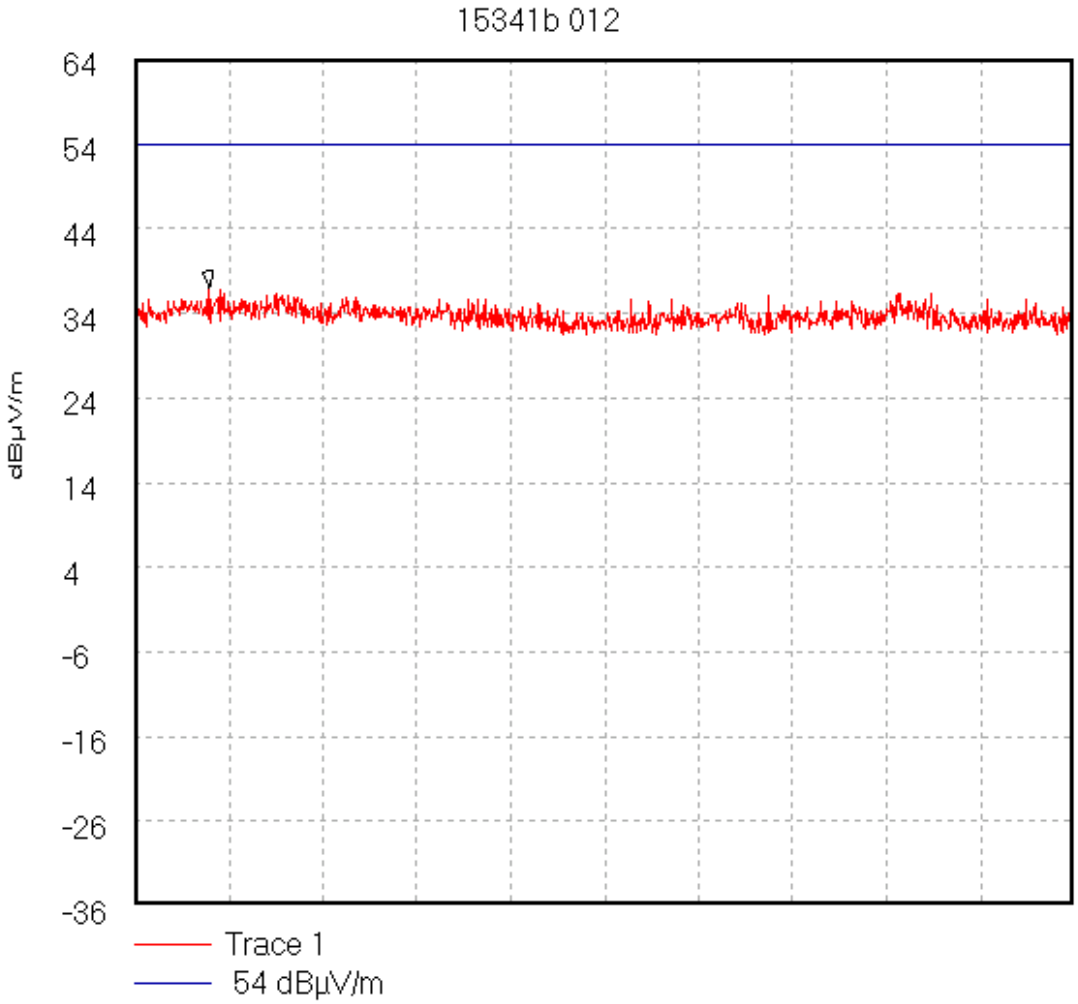


Start 1.0 GHz; Stop 2.0 GHz
Ref 64 dBµV/m; Ref Offset -10.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.589 GHz, 40.77 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Failed
Transducer Factors: 1 to 2
14/02/2002 11:10:22

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\012

Radiated Emissions. FCC Part 15.109 Class B. PreScan @ 1m.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle.



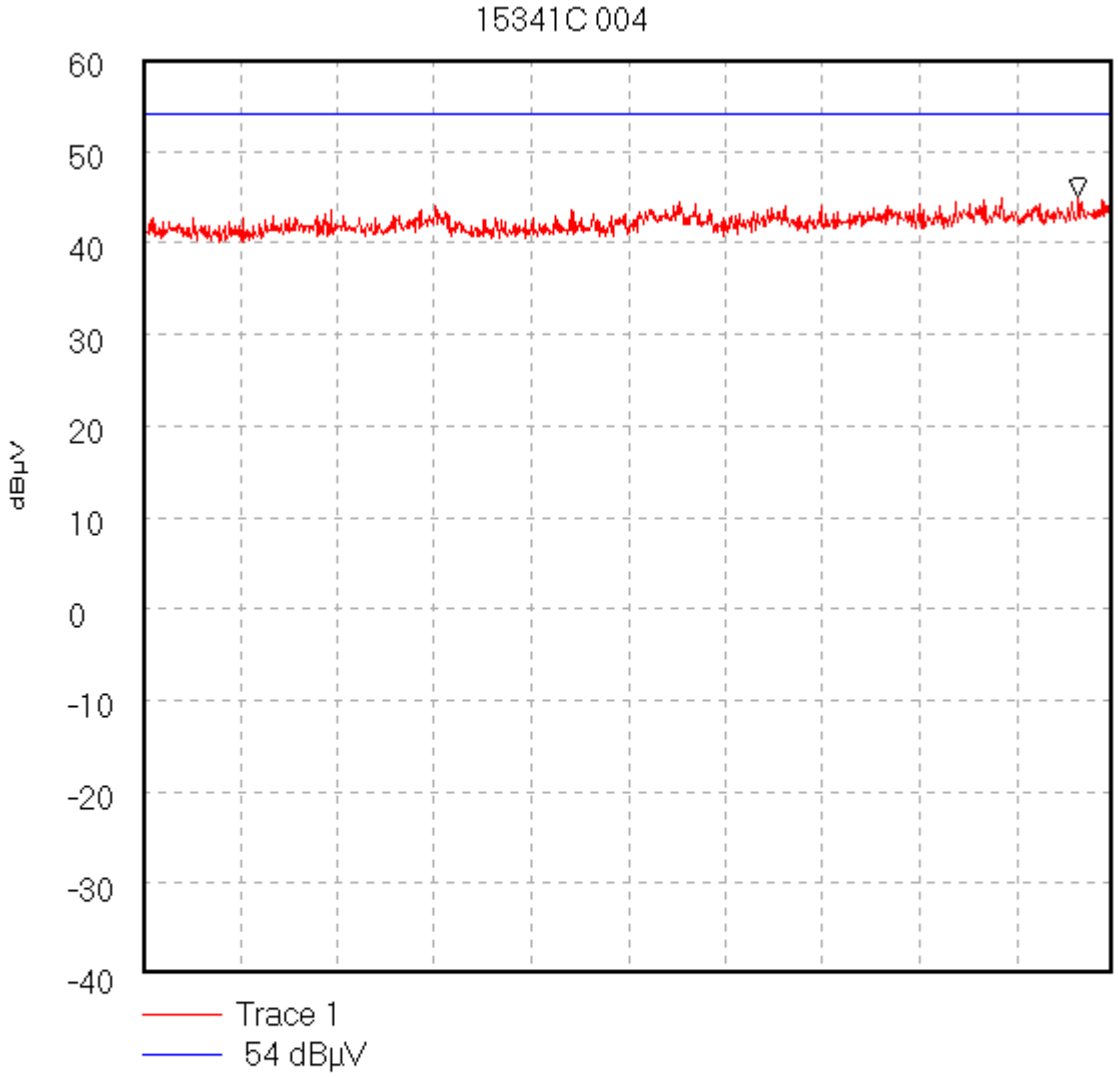
Start 2.0 GHz; Stop 4.0 GHz
Ref 64 dBµV/m; Ref Offset -10.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.158 GHz, 36.99 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Passed
Transducer Factors: 2 to 4
14/02/2002 11:15:20

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\004

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition:Idle Mode.



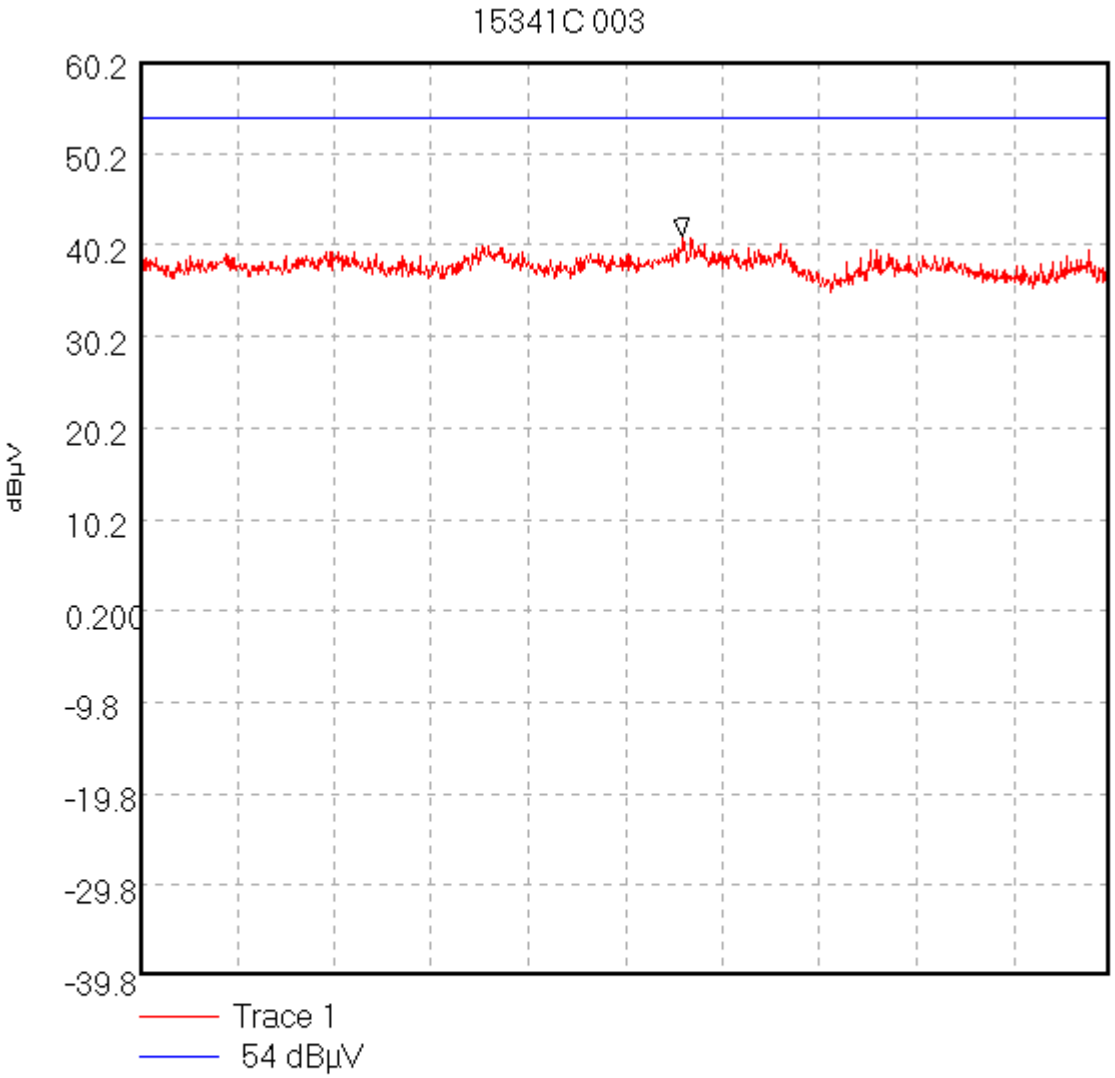
Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 24.9 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.964 GHz, 45.12 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 14:03:20

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\003

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition:Idle Mode.



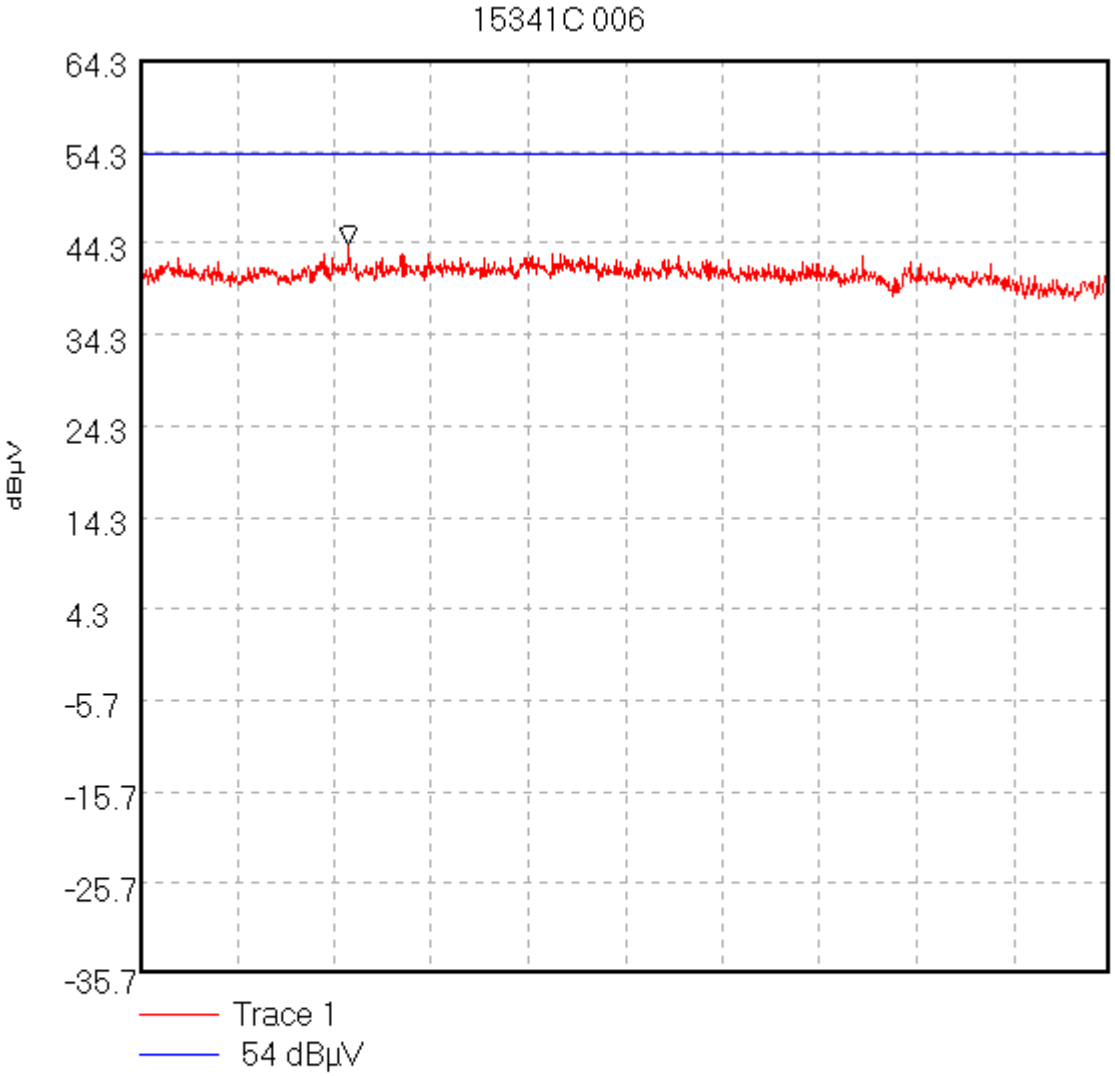
Start 5.0 GHz; Stop 6.0 GHz
Ref 60.2 dBµV; Ref Offset 25.1 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.56 GHz, 41.08 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 13:59:04

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\006

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle mode.



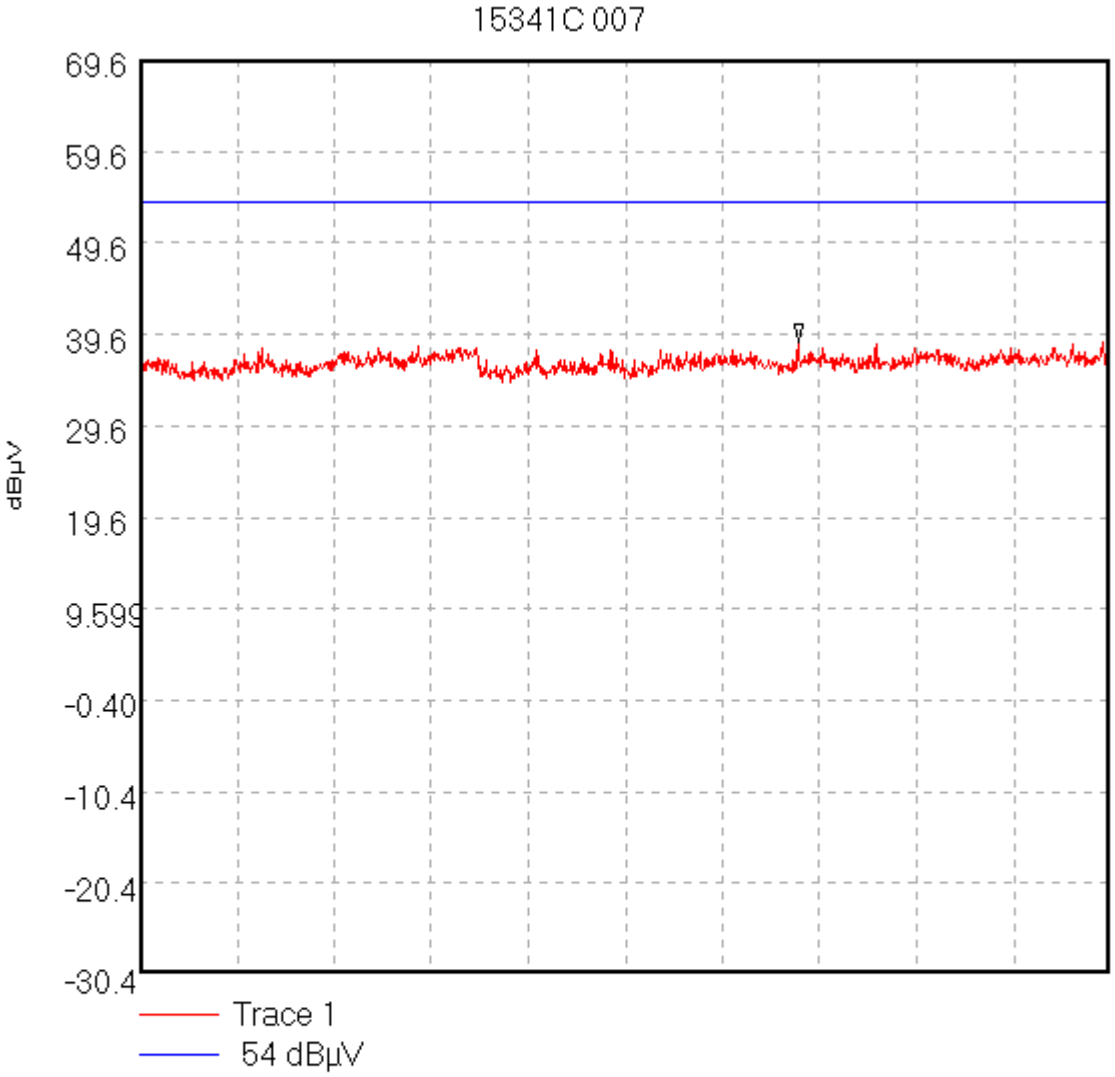
Start 6.0 GHz; Stop 8.0 GHz
Ref 64.3 dBµV; Ref Offset 29.2 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.431 GHz, 44.17 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 14:15:44

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\007

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle mode. at 1m.



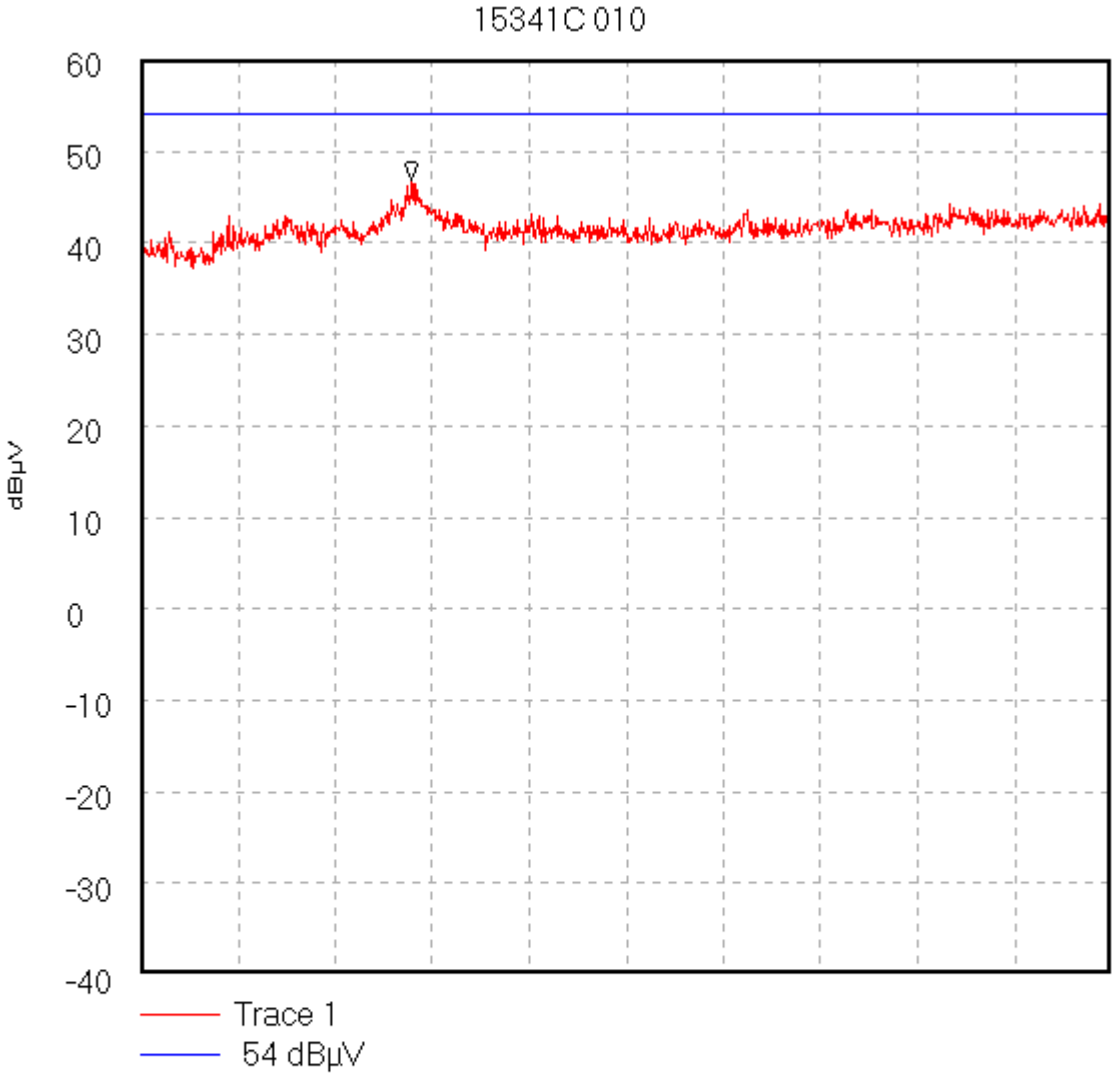
Start 8.0 GHz; Stop 12.5 GHz
Ref 69.6 dBµV; Ref Offset 24.5 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 11.055 GHz, 38.65 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 14:23:05

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\010

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle mode . at 1m.



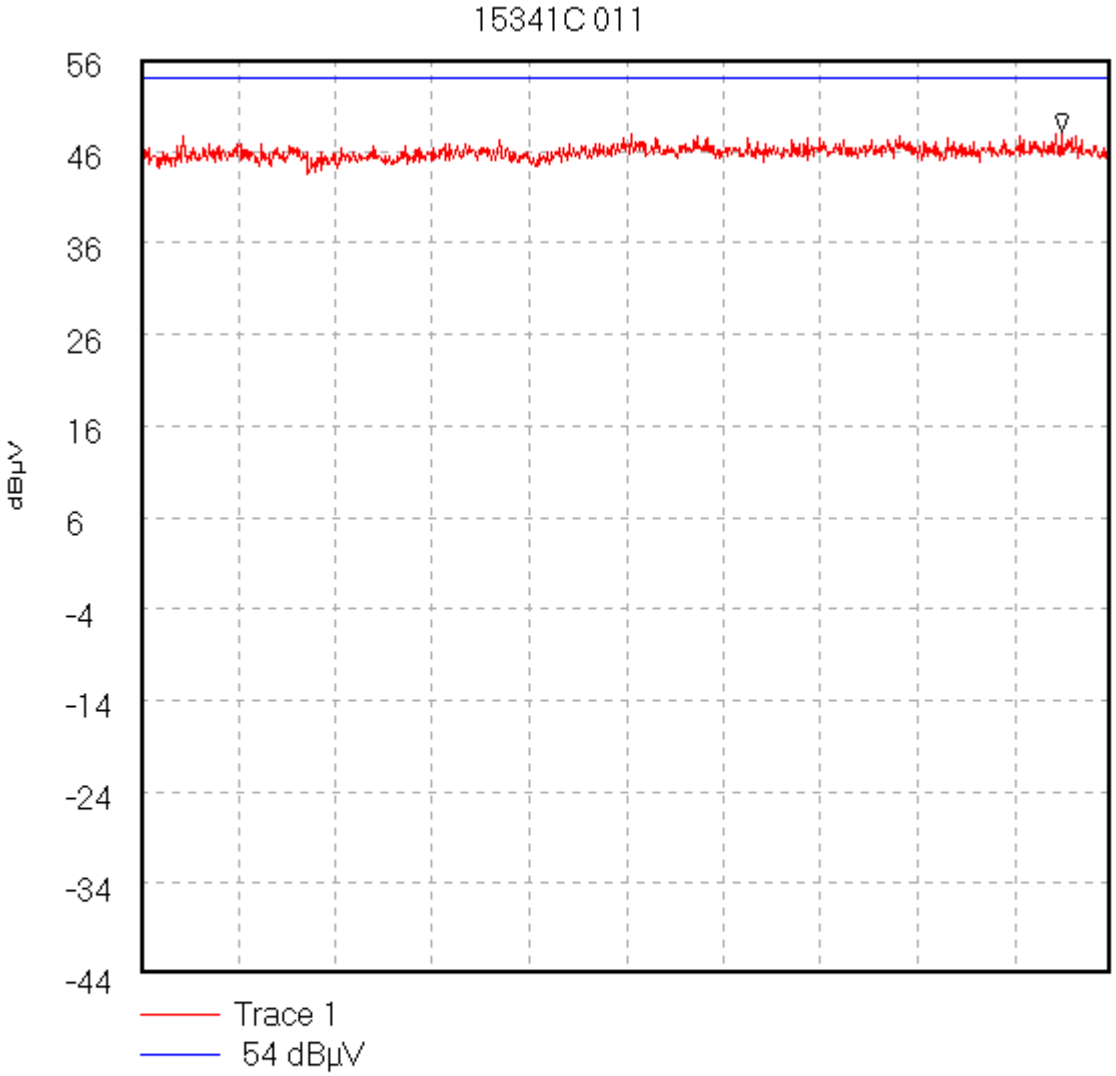
Start 12.5 GHz; Stop 18.0 GHz
Ref 60 dBµV; Ref Offset 28.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 46.8 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 14:41:19

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\011

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle mode . at 1m.

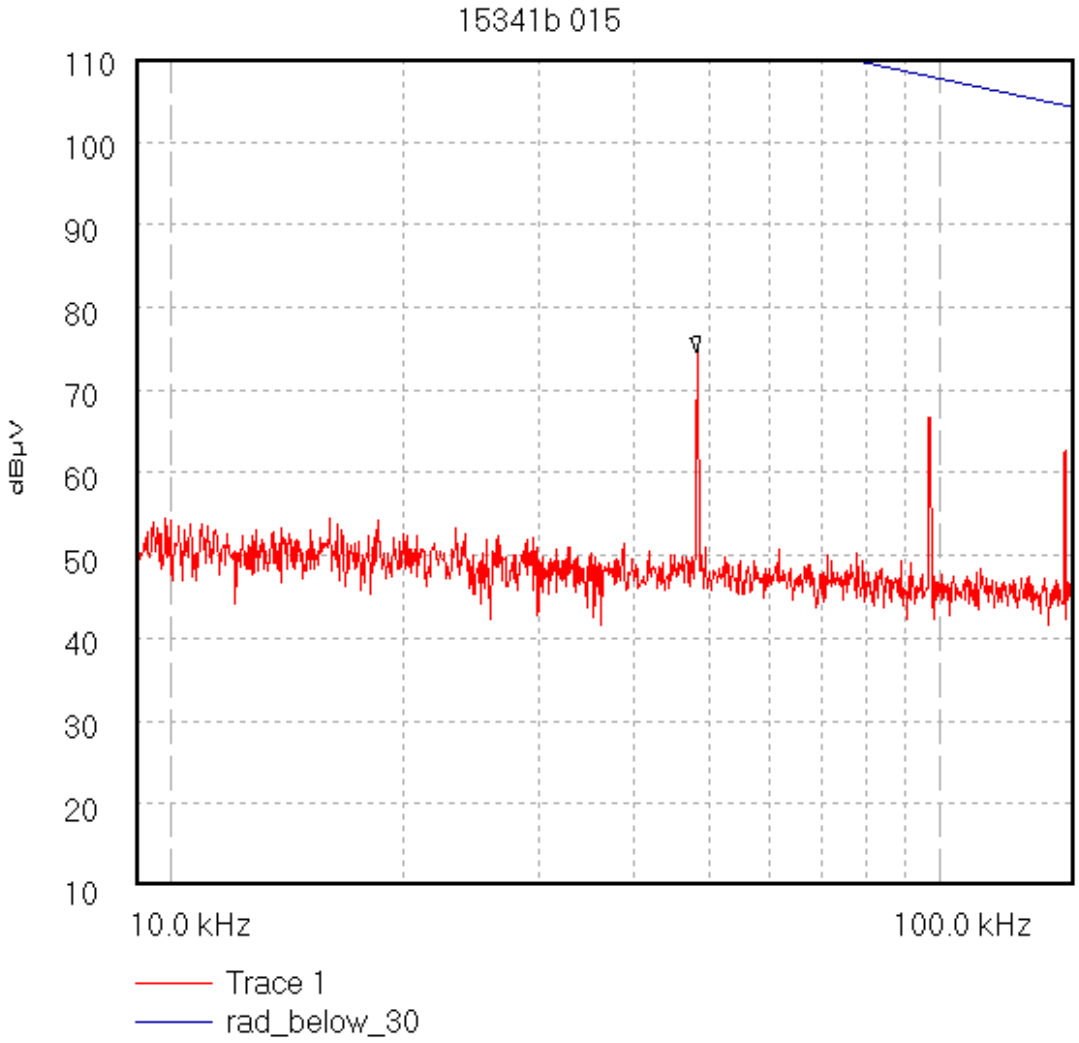


Start 18.0 GHz; Stop 20.0 GHz
Ref 56 dBµV; Ref Offset 30.2 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 19.898 GHz, 48.08 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
15/02/02 14:49:33

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\015

Radiated Emissions. FCC Part 15.209 Class B. PreScan @ 3m.
Test for Danger of HIPTOP PCS. Operating Condition: Channel 512 Tx High Power.

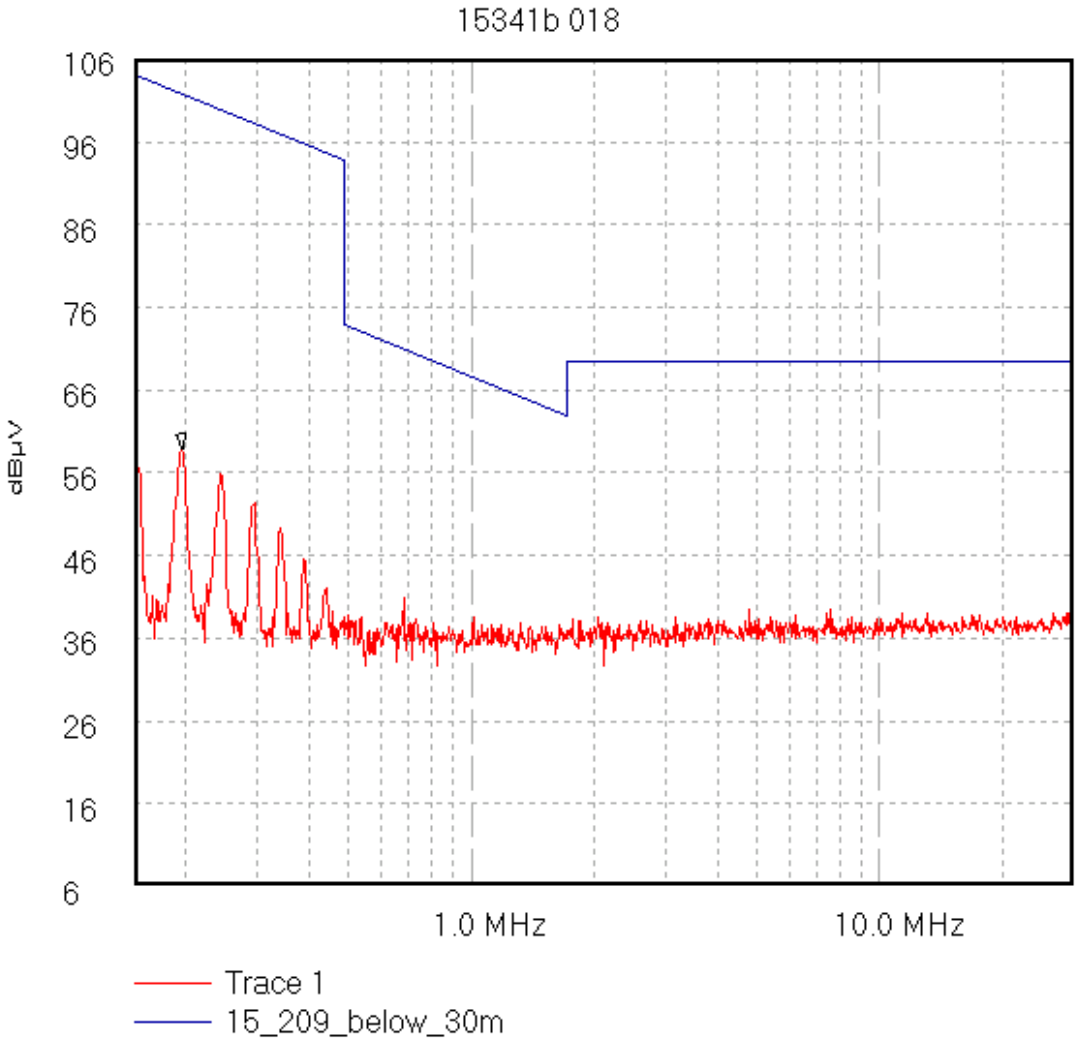


Start 9.0 kHz; Stop 150.0 kHz - Log Scale
Ref 110 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 200.0 Hz; VBW 300.0 Hz; Att 50 dB; Swp 18.0 S
Peak 48.376 kHz, 74.53 dBµV
Limit/Mask: rad_below_30; ; Limit Test Passed
14/02/2002 12:03:15

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\018

Radiated Emissions. FCC Part 15.209. PreScan @ 3m.
Test for Danger of HIPTOP PCS. Operating Condition: Channel 660 Tx High Power.

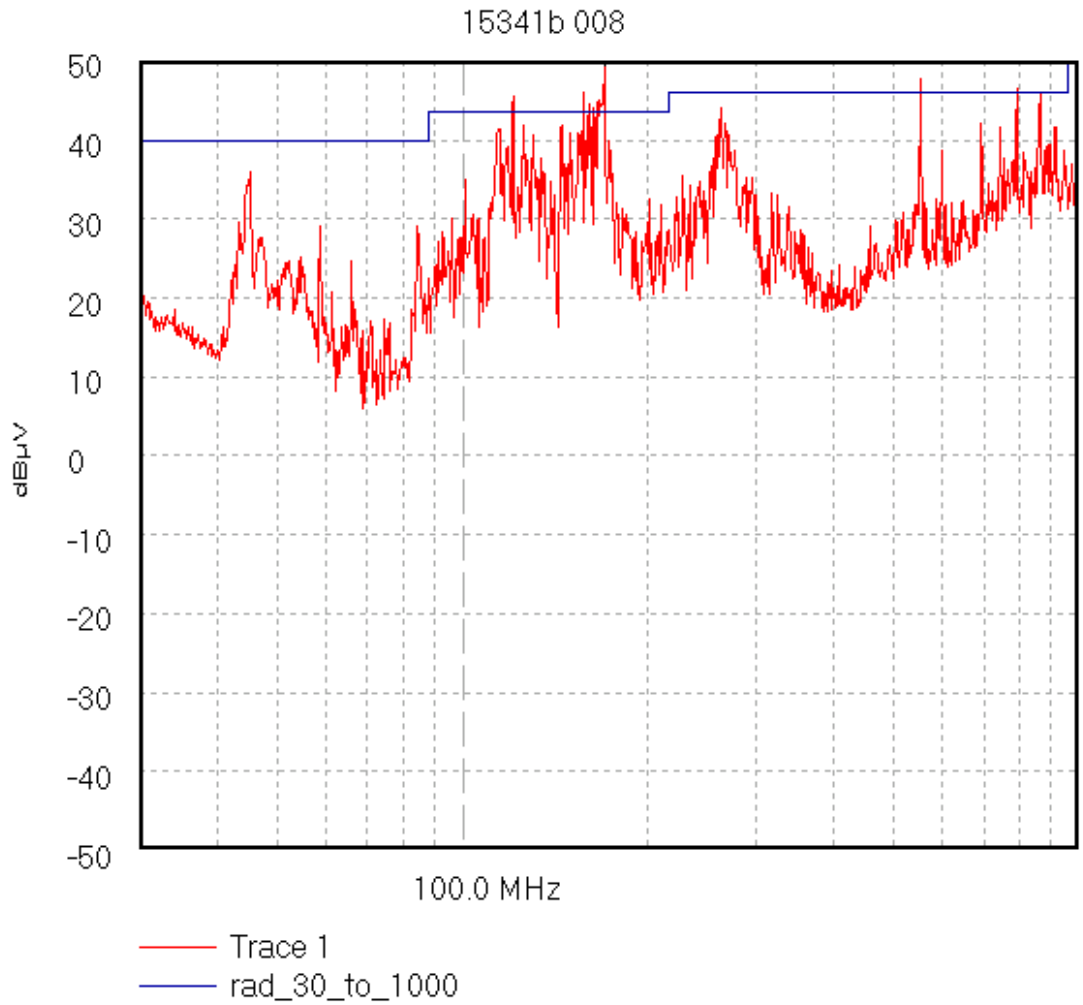


Start 150.0 kHz; Stop 30.0 MHz - Log Scale
Ref 106 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 10.0 kHz; VBW 10.0 kHz; Att 20 dB; Swp 1.58 S
Peak 195.498 kHz, 58.87 dBµV
Limit/Mask: 15_209_below_30m; ; Limit Test Passed
14/02/2002 12:11:33

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\008

FCC Part 15. 15.209.
Test for Danger of HIPTOP PCS Phone.
Operating Condition: Channel 660 Tx High Power.

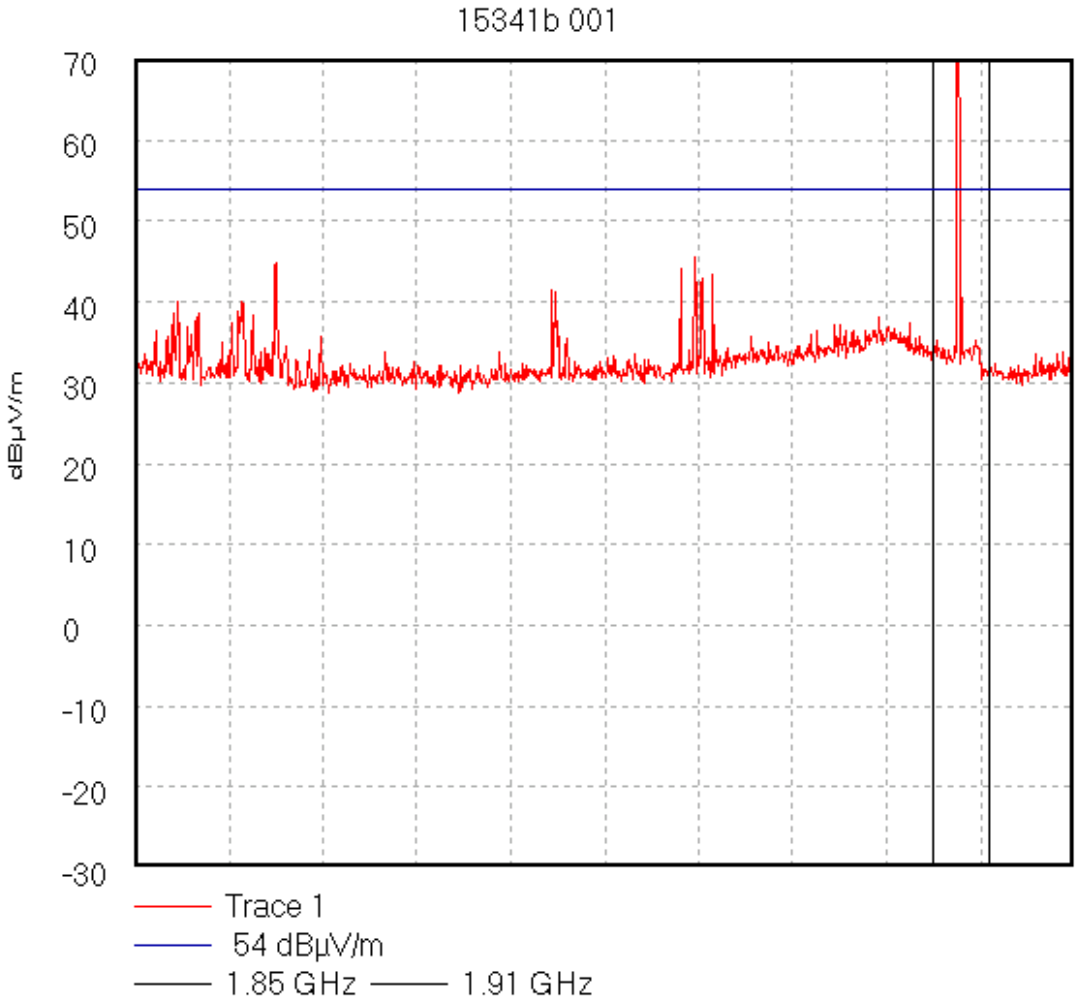


Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 50 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 169.864 MHz, 49.45 dBµV
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
14/02/2002 10:23:29

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\001

FCC Part 15. 15.209.
Test for Danger of HIPTOP PCS phone.
Operating Condition: Channel 660 Tx High power.

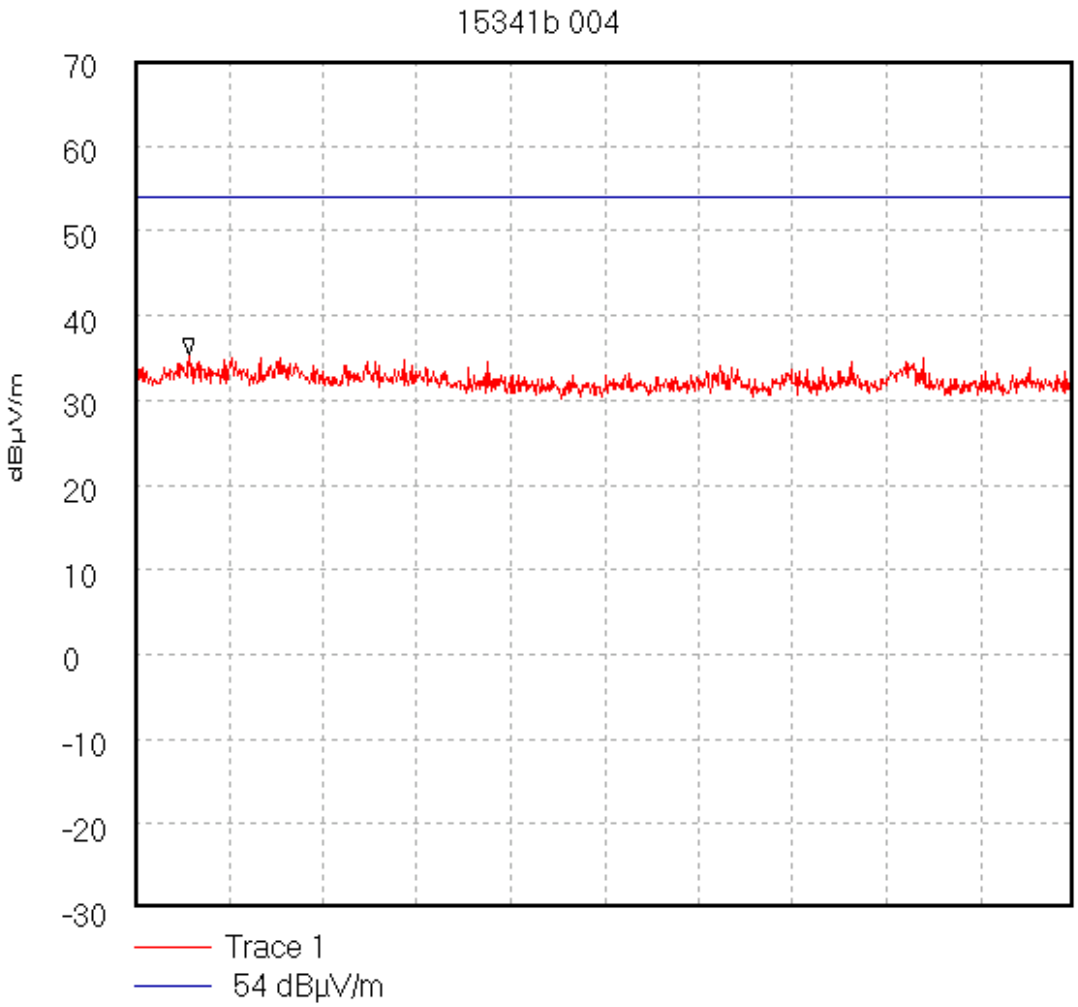


Start 1.0 GHz; Stop 2.0 GHz
Ref 70 dBµV/m; Ref Offset -10.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.877 GHz, 73.98 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Failed
Transducer Factors: 1 to 2
14/02/2002 09:45:51

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\004

FCC Part 15. 15.209
Test for Danger of HIPTOP PCS phone.
Operating Condition: Channel 660 Tx High power.



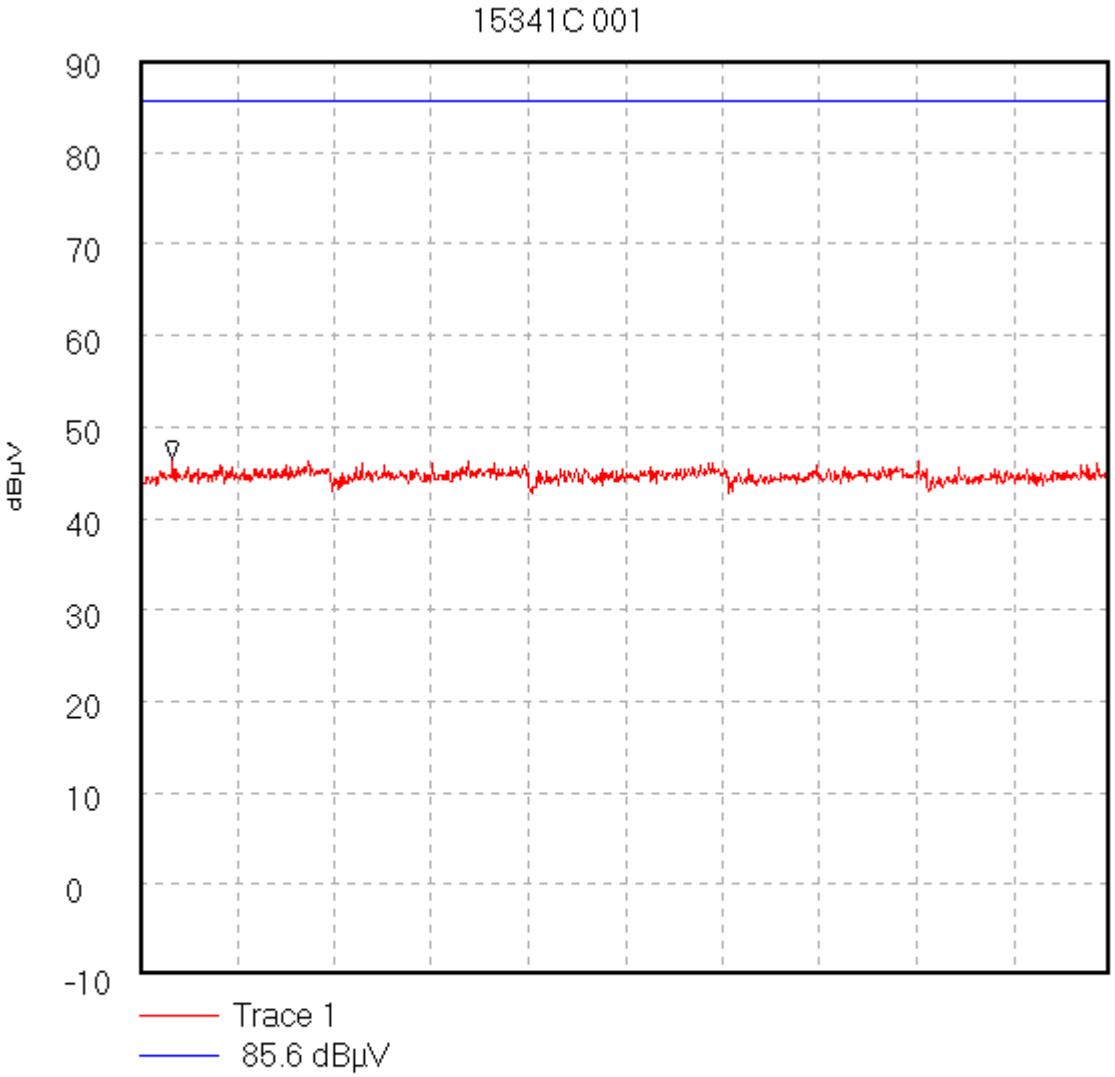
Start 2.0 GHz; Stop 4.0 GHz
Ref 70 dBµV/m; Ref Offset -10.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.116 GHz, 35.32 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Passed
Transducer Factors: 2 to 4
14/02/2002 10:04:16

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\001

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone.
Operating Condition: Channel 660 Tx High Power.



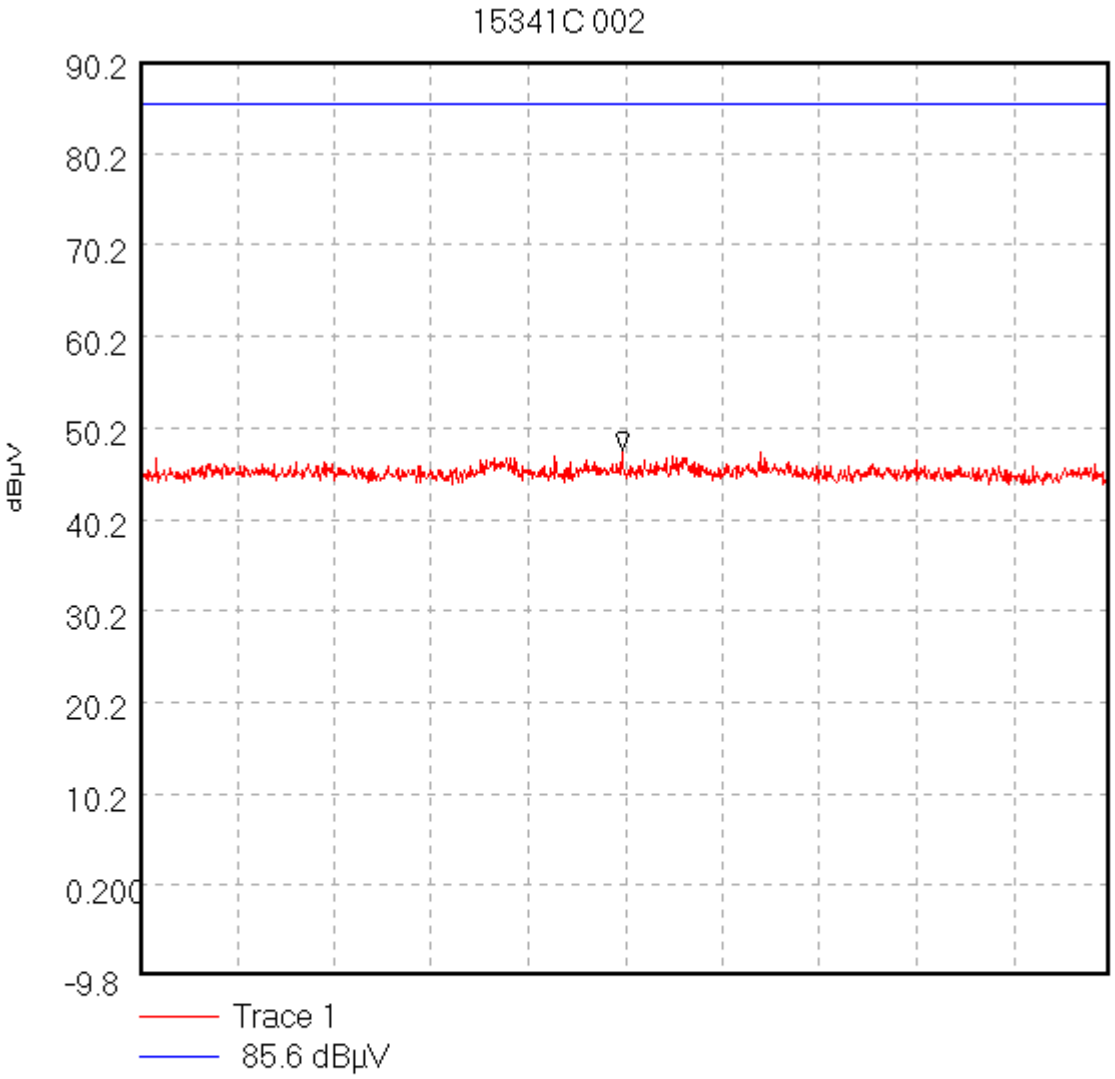
Start 4.0 GHz; Stop 5.0 GHz
Ref 90 dBµV; Ref Offset 24.9 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.033 GHz, 46.38 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 13:53:53

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\002

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition:Idle Mode.



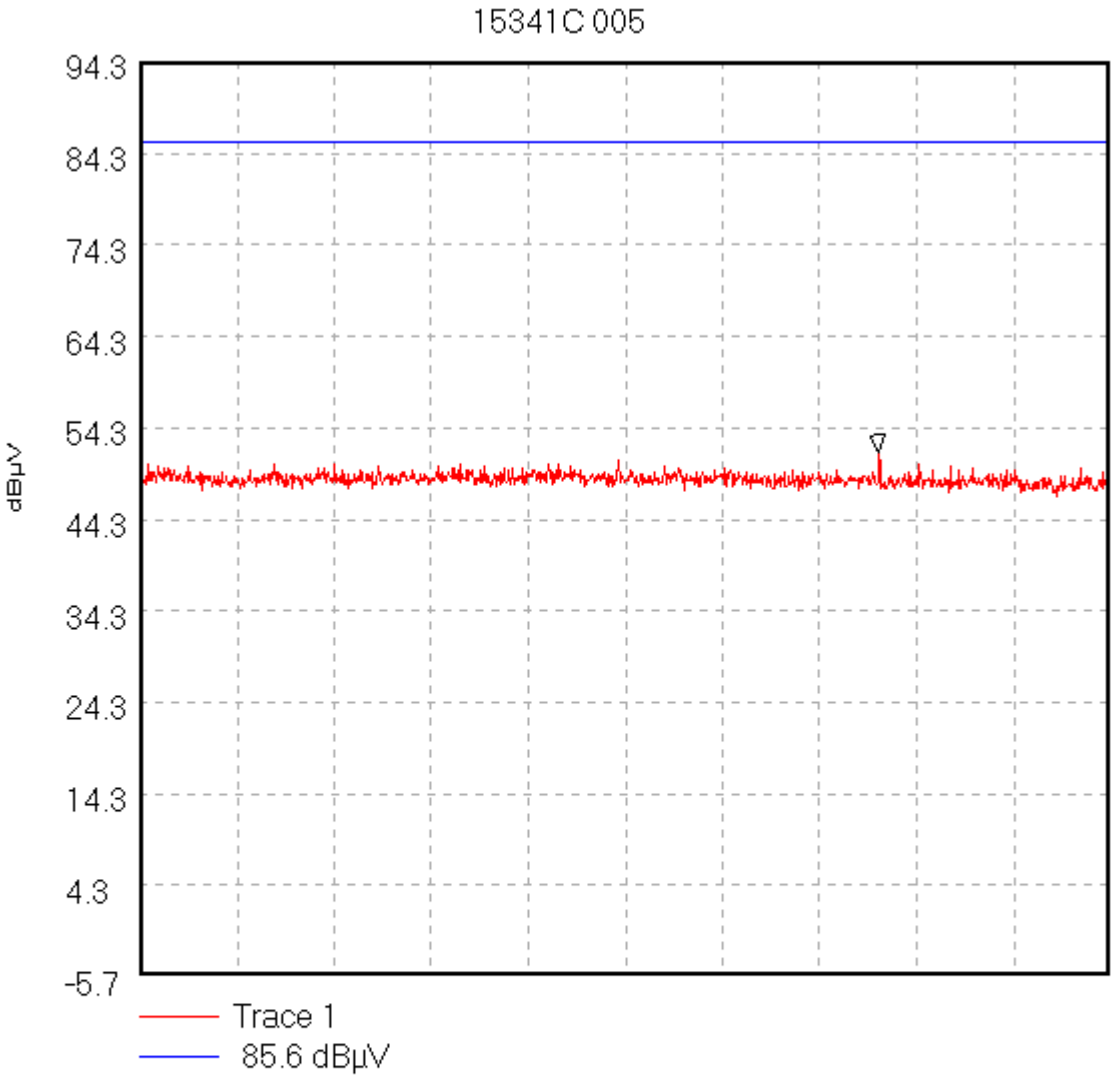
Start 5.0 GHz; Stop 6.0 GHz
Ref 90.2 dBµV; Ref Offset 25.1 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.497 GHz, 47.75 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 13:56:19

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\005

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone. Operating Condition: Idle mode.



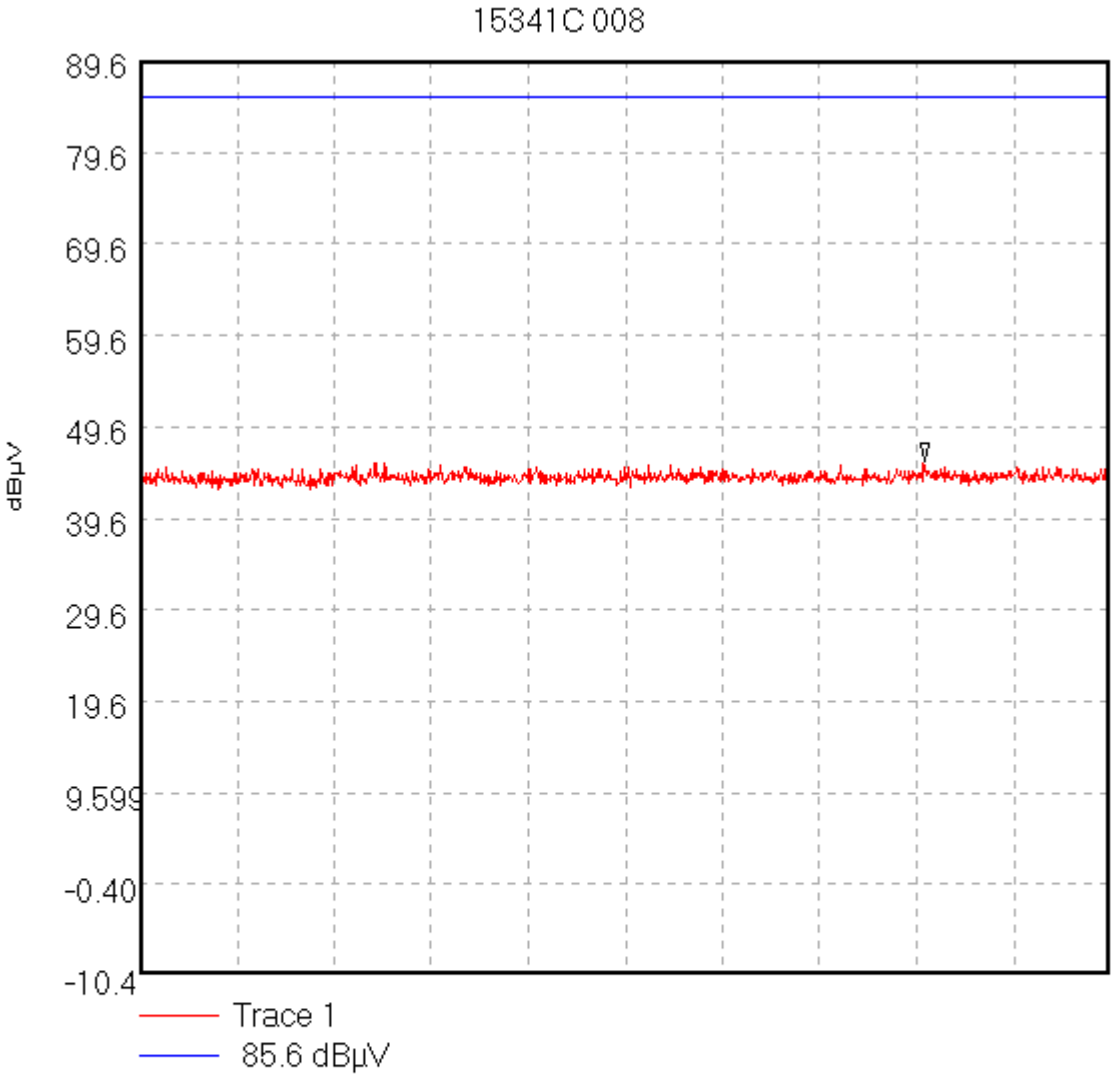
Start 6.0 GHz; Stop 8.0 GHz
Ref 94.3 dBµV; Ref Offset 29.2 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.524 GHz, 51.54 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 14:13:16

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\008

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone.
Operating Condition: Channel 660 Tx High Power. at 1m.



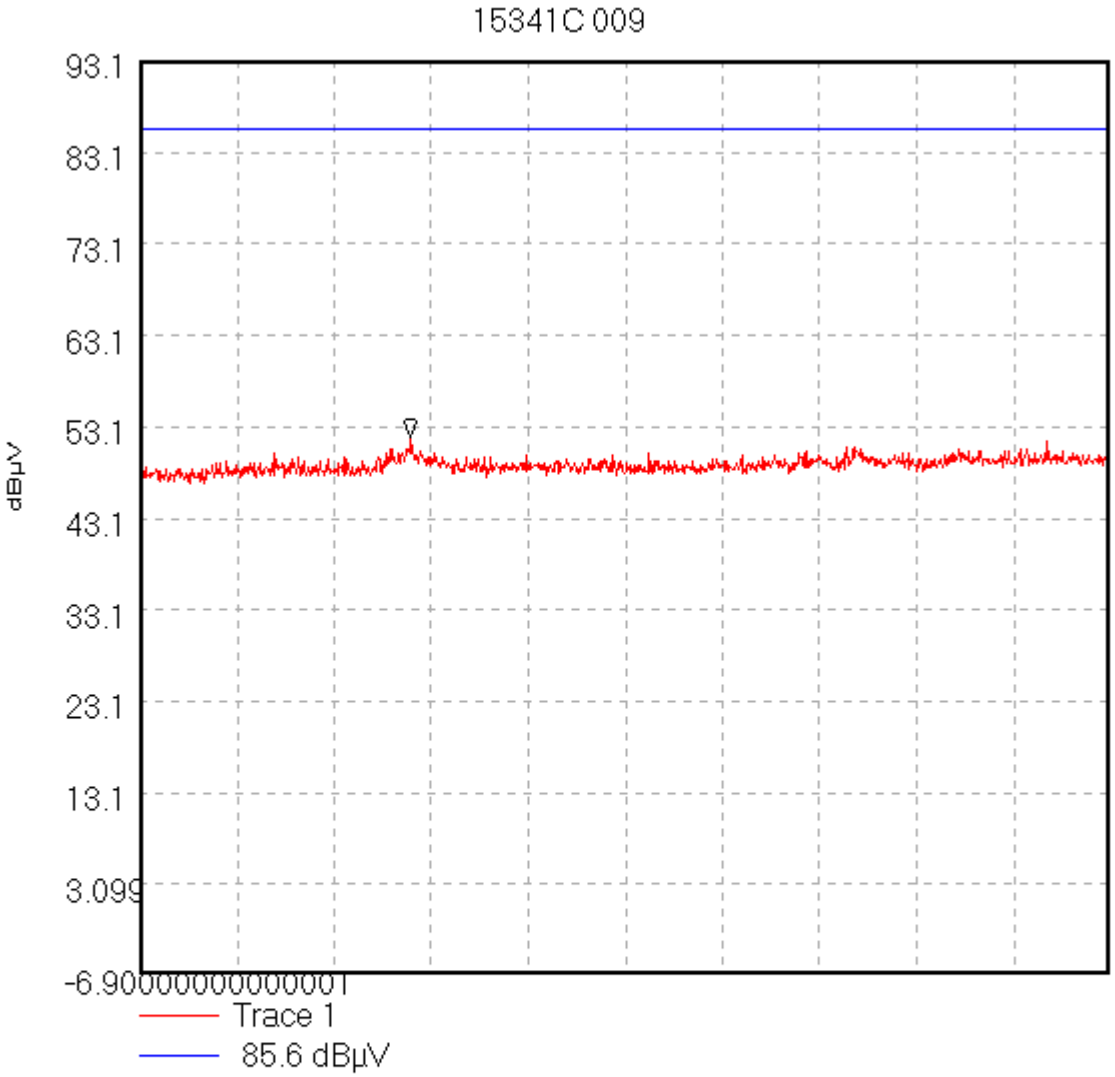
Start 8.0 GHz; Stop 12.5 GHz
Ref 89.6 dBµV; Ref Offset 24.5 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 11.635 GHz, 45.72 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 14:25:58

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\009

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone.
Operating Condition: Channel 660 Tx High Power. at 1m.

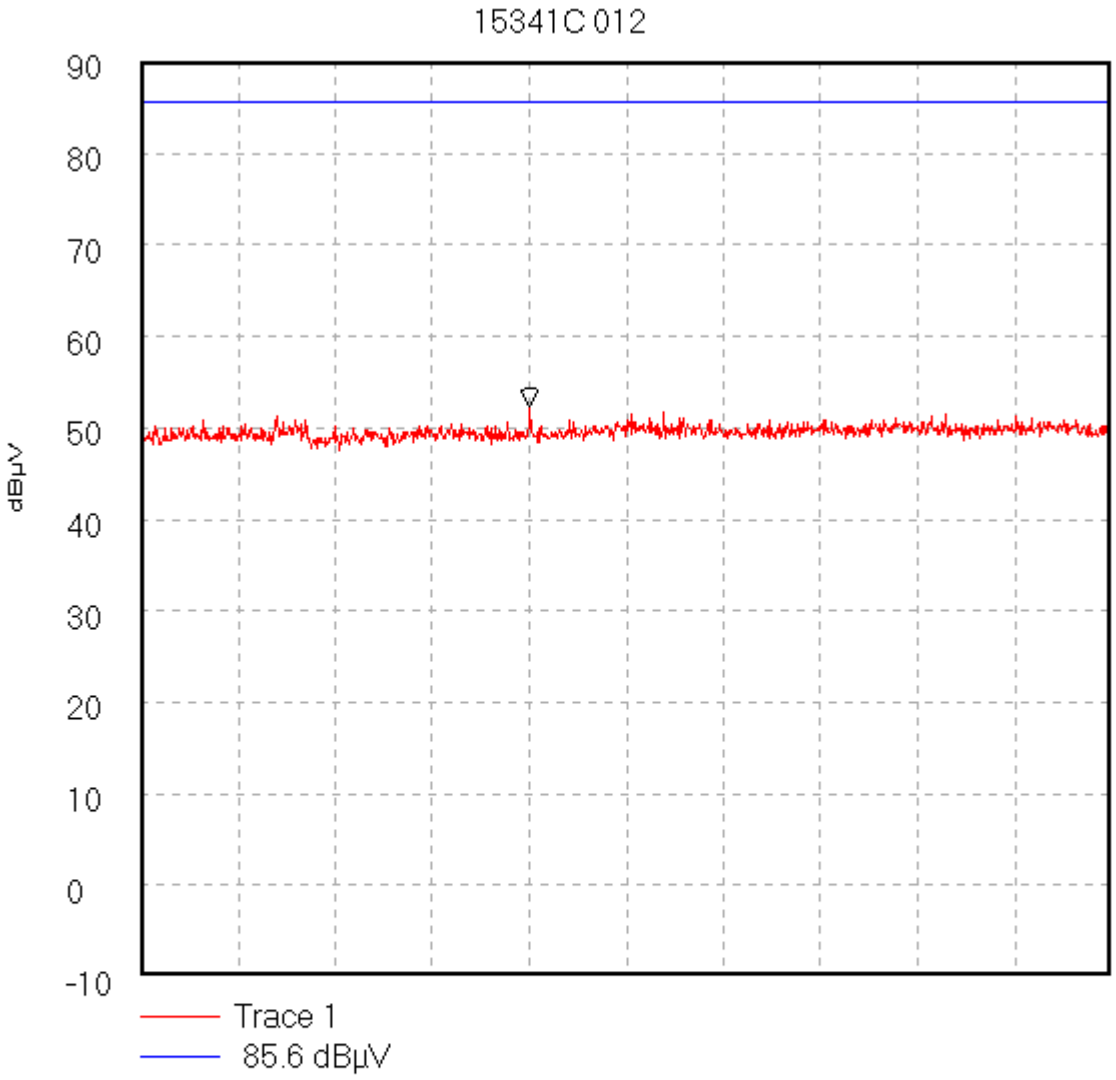


Start 12.5 GHz; Stop 18.0 GHz
Ref 93.1 dBµV; Ref Offset 28.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 51.94 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 14:36:15

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341C\012

Radiated Spurious Emissions.
Test for Danger of HIPTOP PCS Phone.
Operating Condition: Channel 660 Tx High power. at 1m.



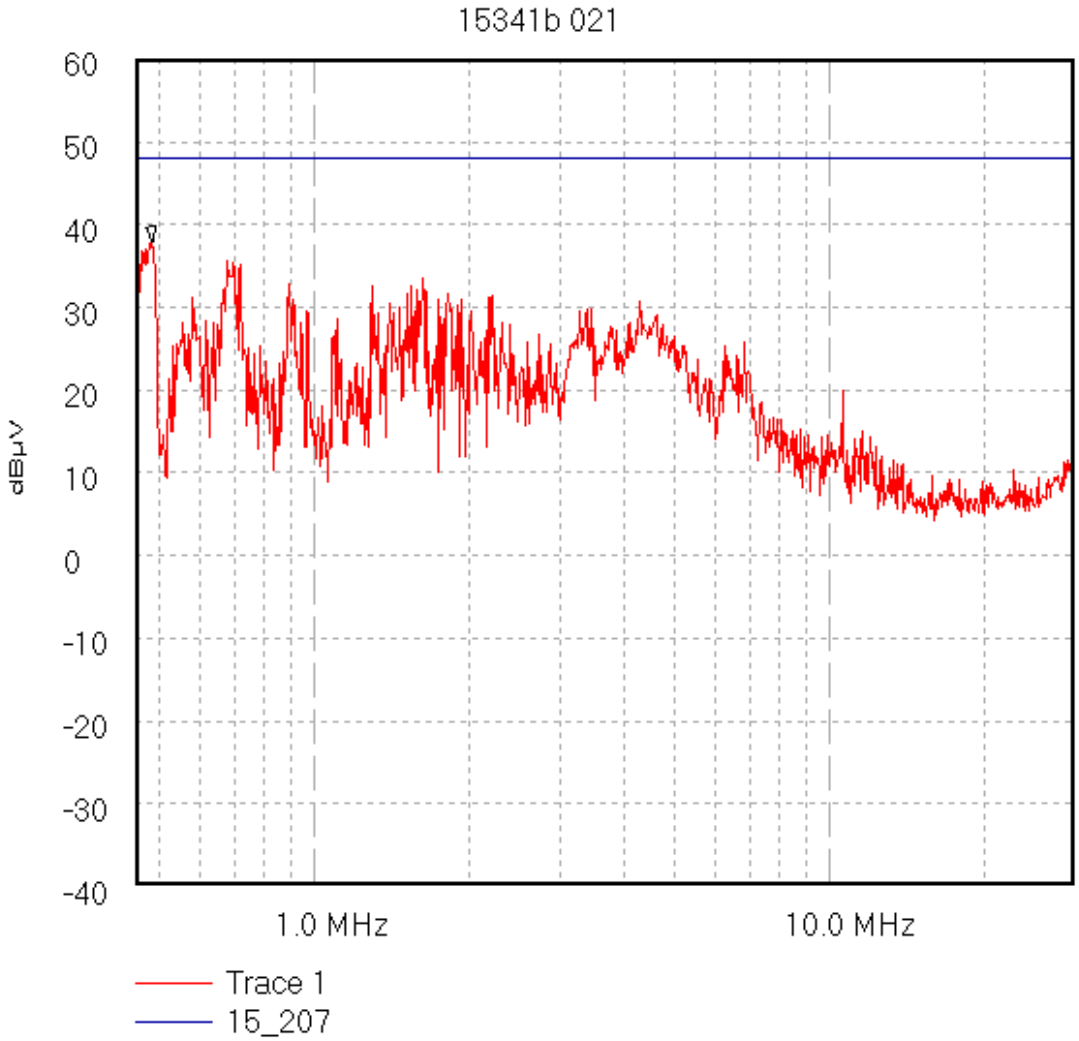
Start 18.0 GHz; Stop 20.0 GHz
Ref 90 dBµV; Ref Offset 30.2 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 18.802 GHz, 52.4 dBµV
Display Line: 85.6 dBµV; ; Limit Test Passed
15/02/02 14:53:11

Test Of: Danger Inc.
Hiptop GSM 1900 Mobile Phone

To: FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\021

Conducted Emissions. FCC Part 15.207.
Test for Danger of HIPTOP PCS. Operating Condition: Channel 660 Tx High Power.

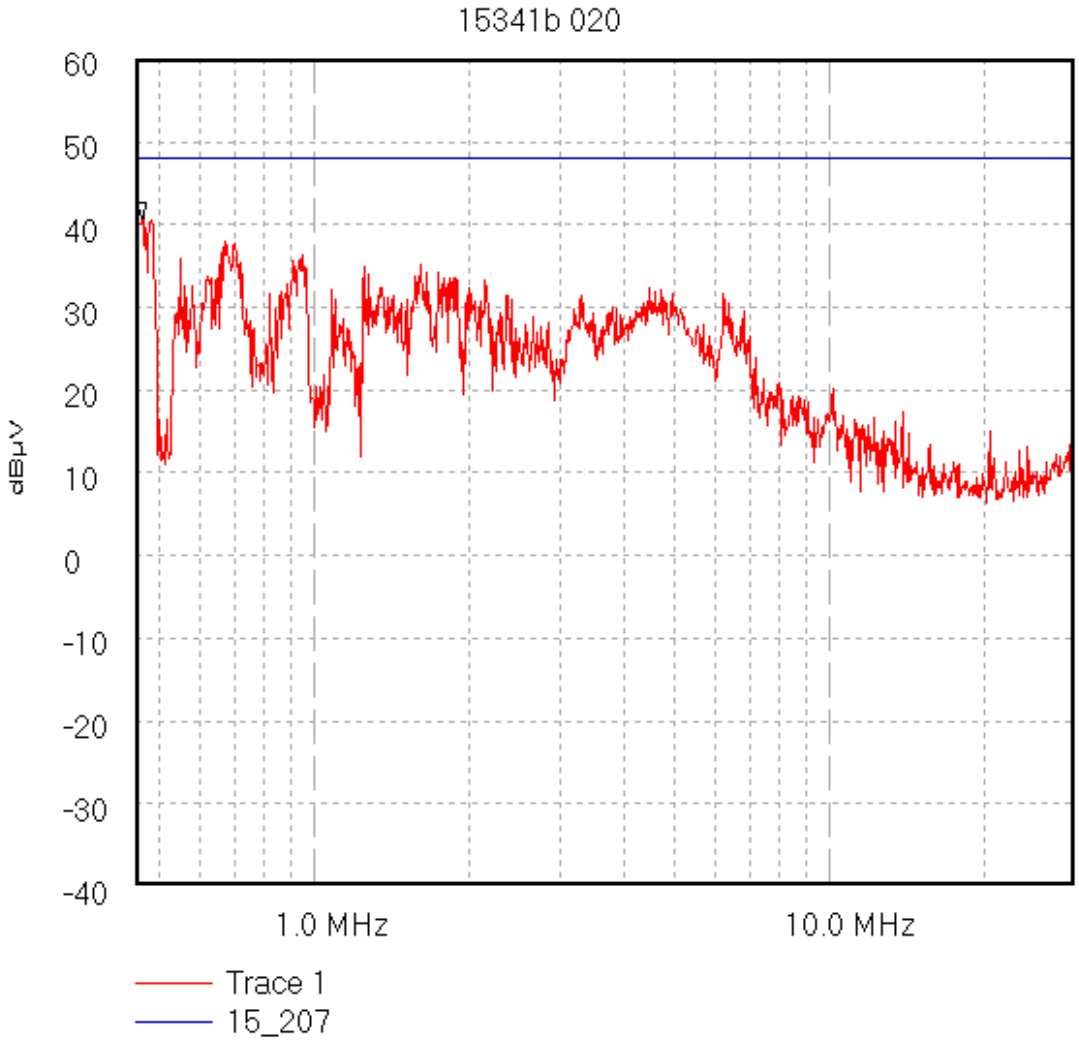


Start 450.0 kHz; Stop 30.0 MHz - Log Scale
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 9.0 kHz; VBW 10.0 kHz; Att 0 dB; Swp 2.2 S
Peak 482.626 kHz, 37.89 dBµV
Limit/Mask: 15_207; ; Limit Test Passed
14/02/2002 12:42:55

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\020

Conducted Emissions. FCC Part 15.207.
Test for Danger of HIPTOP PCS. Operating Condition: Channel 660 Tx High Power.

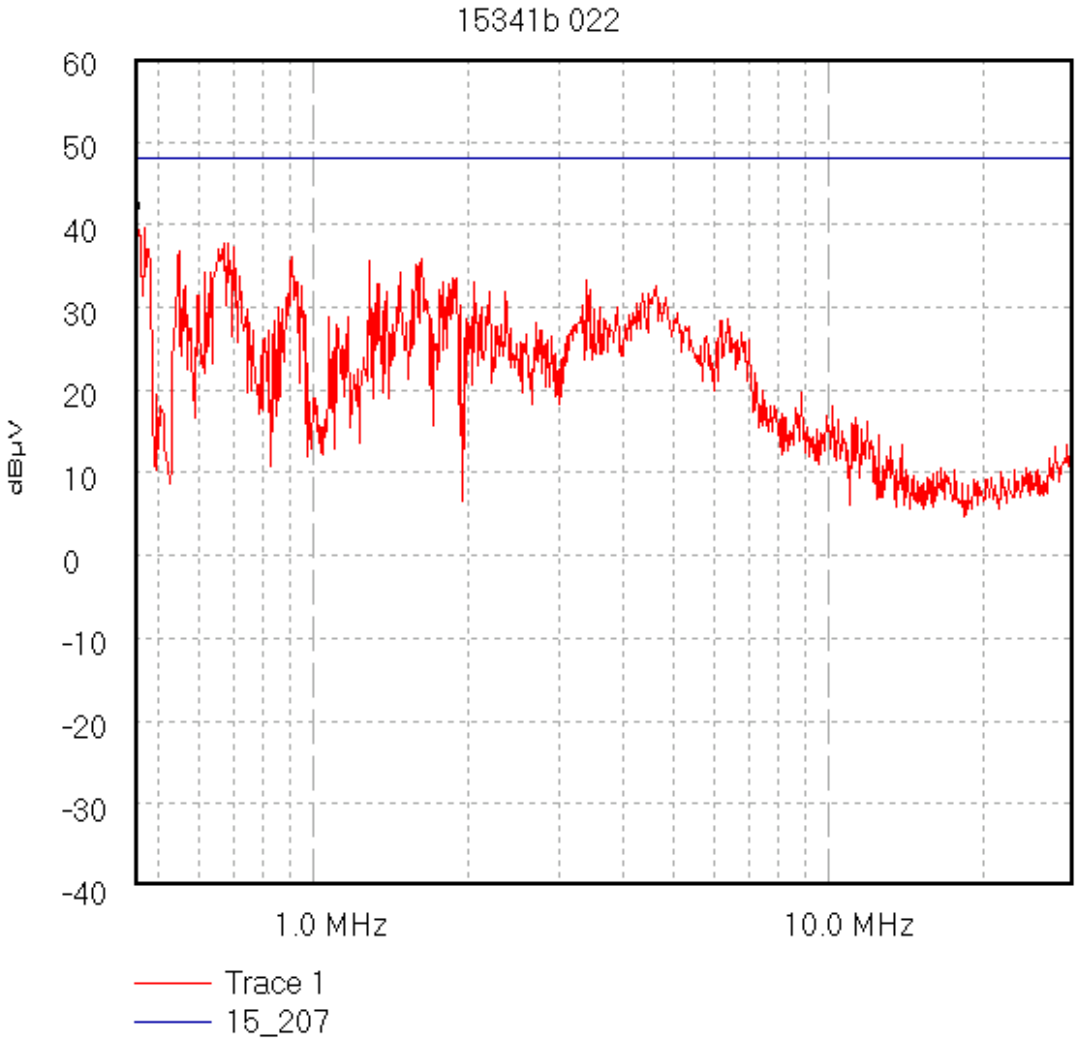


Start 450.0 kHz; Stop 30.0 MHz - Log Scale
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 9.0 kHz; VBW 10.0 kHz; Att 0 dB; Swp 260.0 mS
Peak 464.941 kHz, 40.73 dBµV
Limit/Mask: 15_207; ; Limit Test Passed
14/02/2002 12:41:02

Test Of: **Danger Inc.**
Hiptop GSM 1900 Mobile Phone
To: **FCC Part 24: 2001 (Sections: 24.232, 24.235, 24.238)**
and FCC Part 15: 2001 (Sections: 15.107 and 15.109)

GPH\15341b\022

Conducted Emissions. FCC Part 15.207.
Test for Danger of HIPTOP PCS. Operating Condition: Channel 810 Tx High Power.



Start 450.0 kHz; Stop 30.0 MHz - Log Scale
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 9.0 kHz; VBW 10.0 kHz; Att 0 dB; Swp 2.2 S
Peak 450.0 kHz, 40.63 dBµV
Limit/Mask: 15_207; ; Limit Test Passed
14/02/2002 12:45:05