

GRAPHICAL SECTION FOR RFI TEST REPORT SERIAL NO: RFI/MPTB1/RP43987JD03A

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone

To: FCC Part 24: 2001 and FCC Part 15: 2001

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

Graphical Test Results

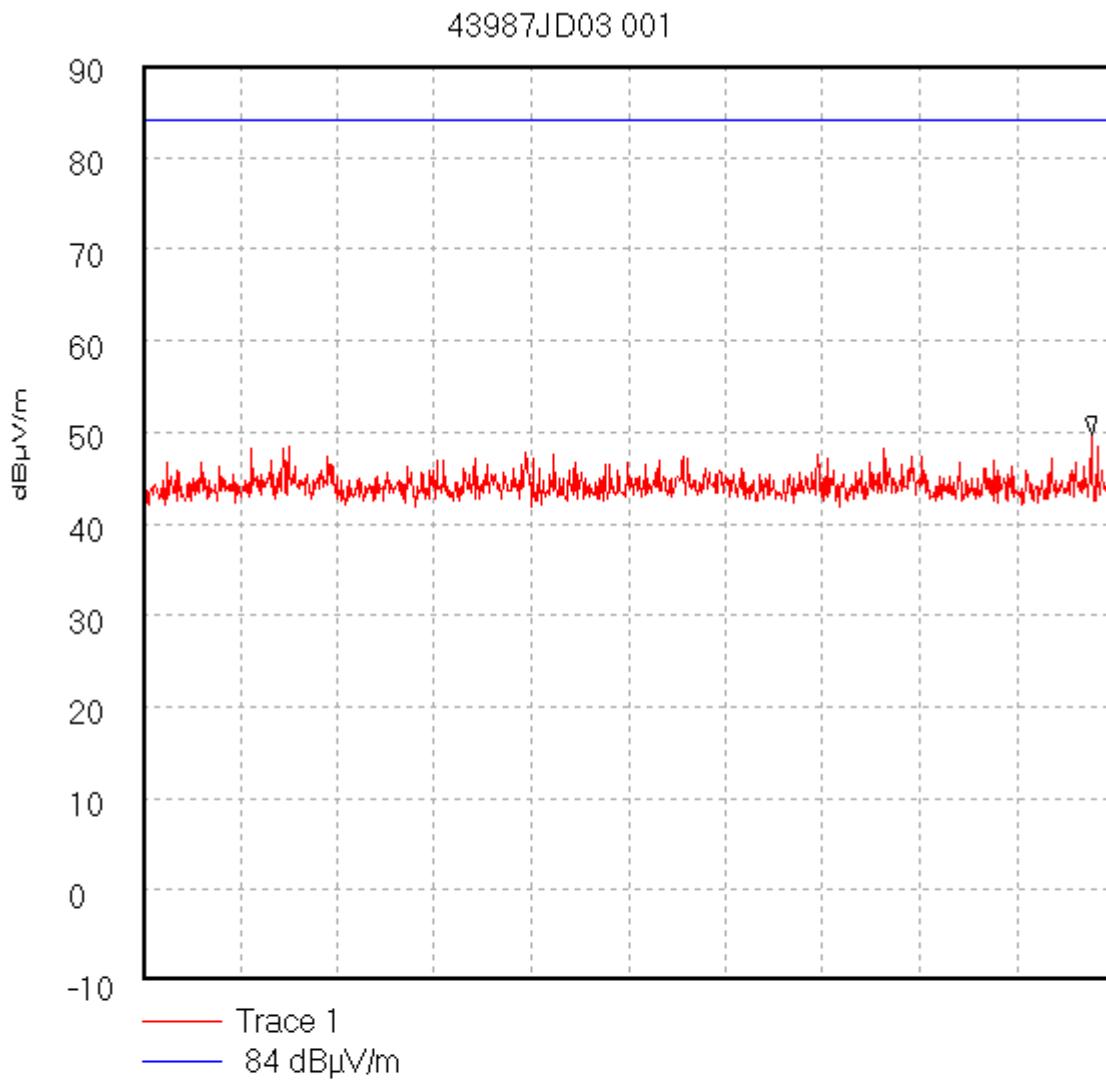
Graphical Test Results – Configuration A

Graph Reference Number	Title
GPH43987JD03\001	Scan of radiated emissions, 4 to 5 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.
GPH43987JD03\002	Scan of radiated emissions, 5 to 6 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.
GPH43987JD03\003	Scan of radiated emissions, 6 to 8 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.
GPH43987JD03\004	Scan of radiated emissions, 8 to 12.5 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.
GPH43987JD03\005	Scan of radiated emissions, 12.5 to 18 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.
GPH43987JD03\006	Scan of radiated emissions, 18 to 26.5 GHz. Operating Configuration:- Hands Free kit and Camera Connected. Middle Channel.

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\001
Test for Sendo of Z100 Mobile Phone.
Operating Configuration:- Hands Free kit and Camera Connected.
Operating Condition :- Middle Channel.



Start 4.0 GHz; Stop 5.0 GHz

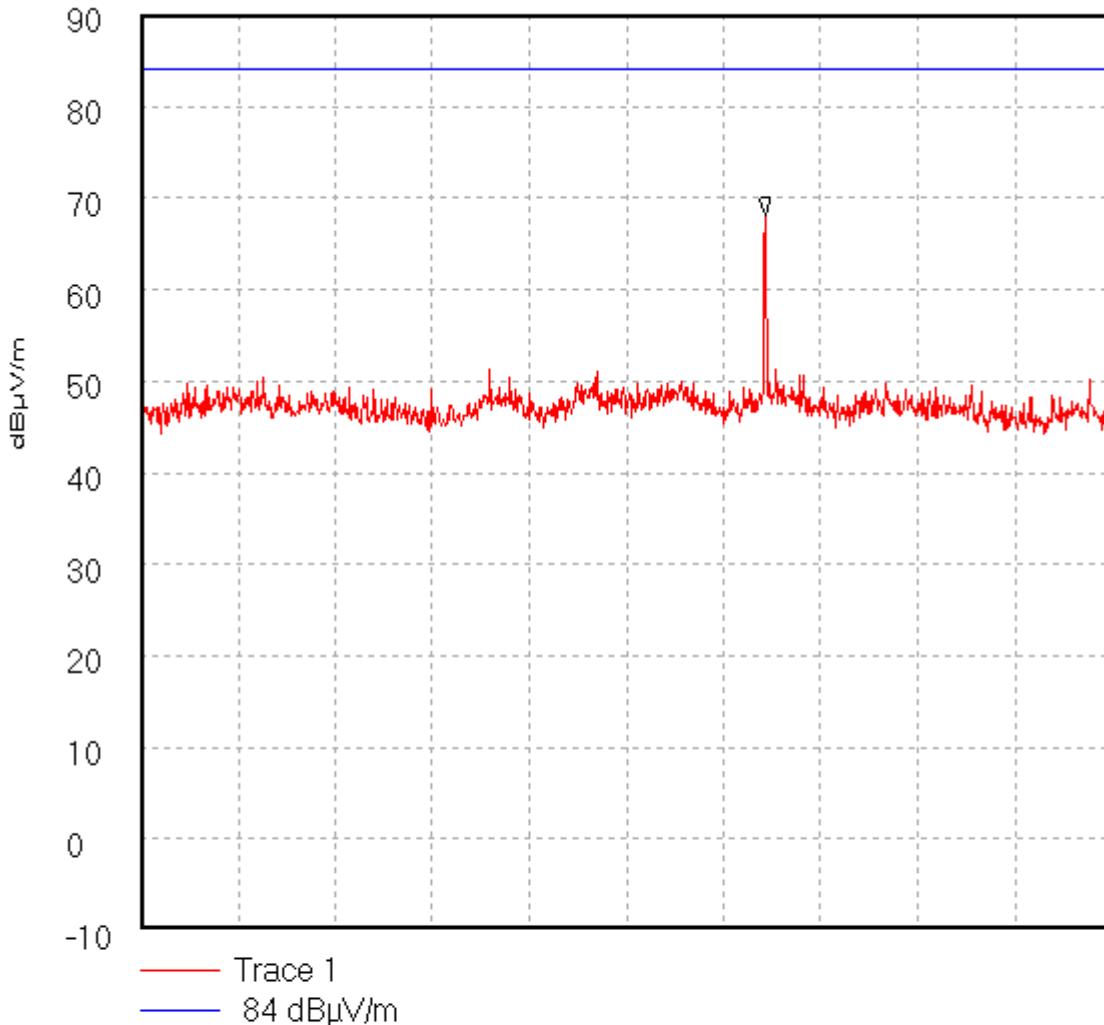
Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 4.978 GHz, 49.68 dB μ V/m

Display Line: 84 dB μ V/m; Limit Test Passed

10/23/02 10:33:29 AM

Operations Department**Test Of: Sendo Ltd.****Z100 PCS Mobile Telephone****To: FCC Part 24: 2001 and FCC Part 15: 2001****GPH\43987JD03\002****Test for Sendo of Z100 Mobile Phone.****Operating Configuration:- Hands Free kit and Camera Connected.****Operating Condition :- Middle Channel.****43987JD03 002**

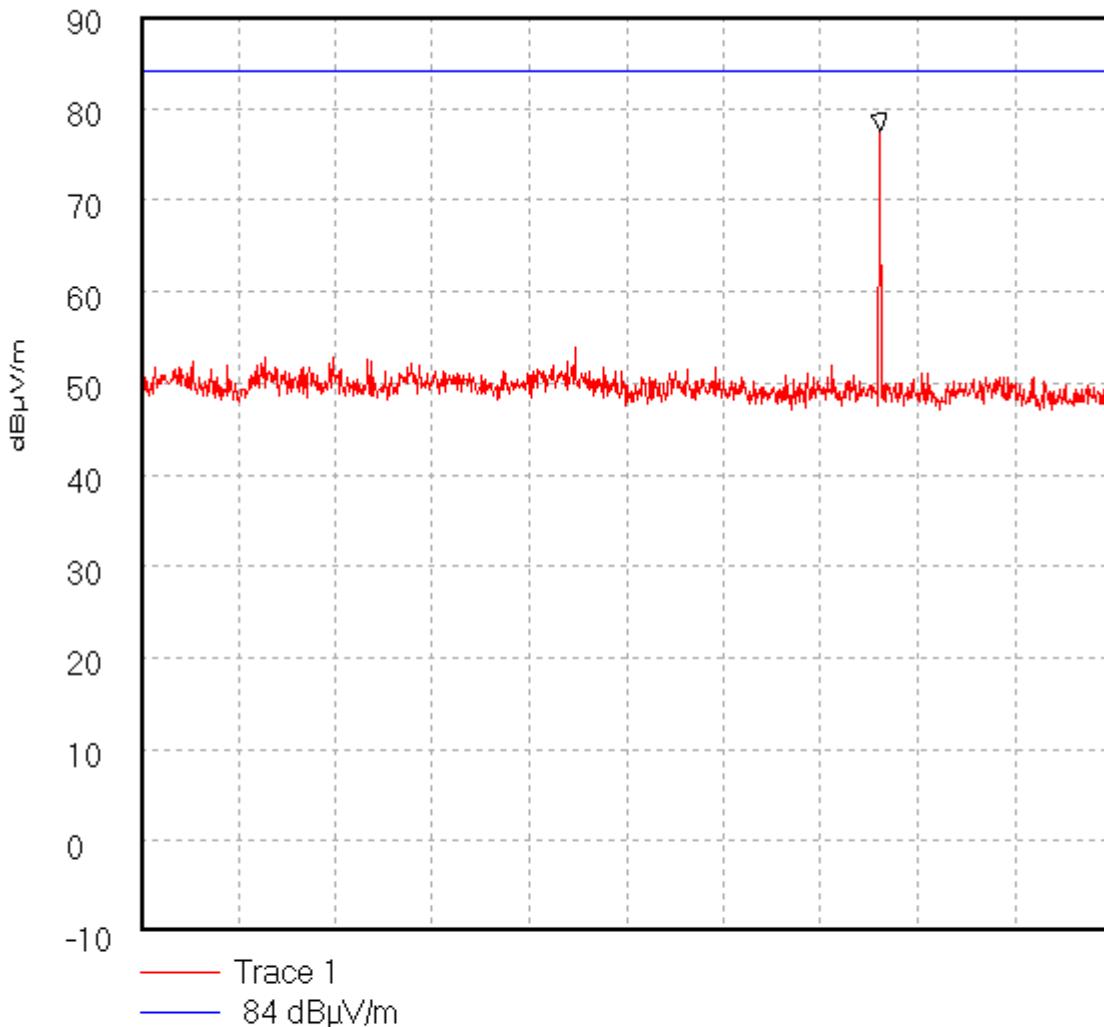
Start 5.0 GHz; Stop 6.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 5.643 GHz, 68.06 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/23/02 10:38:57 AM

Operations Department**Test Of: Sendo Ltd.****Z100 PCS Mobile Telephone****To: FCC Part 24: 2001 and FCC Part 15: 2001****GPH\43987JD03\003****Test for Sendo of Z100 Mobile Phone.****Operating Configuration:- Hands Free kit and Camera Connected.****Operating Condition:- Middle Channel.****43987JD03 003**

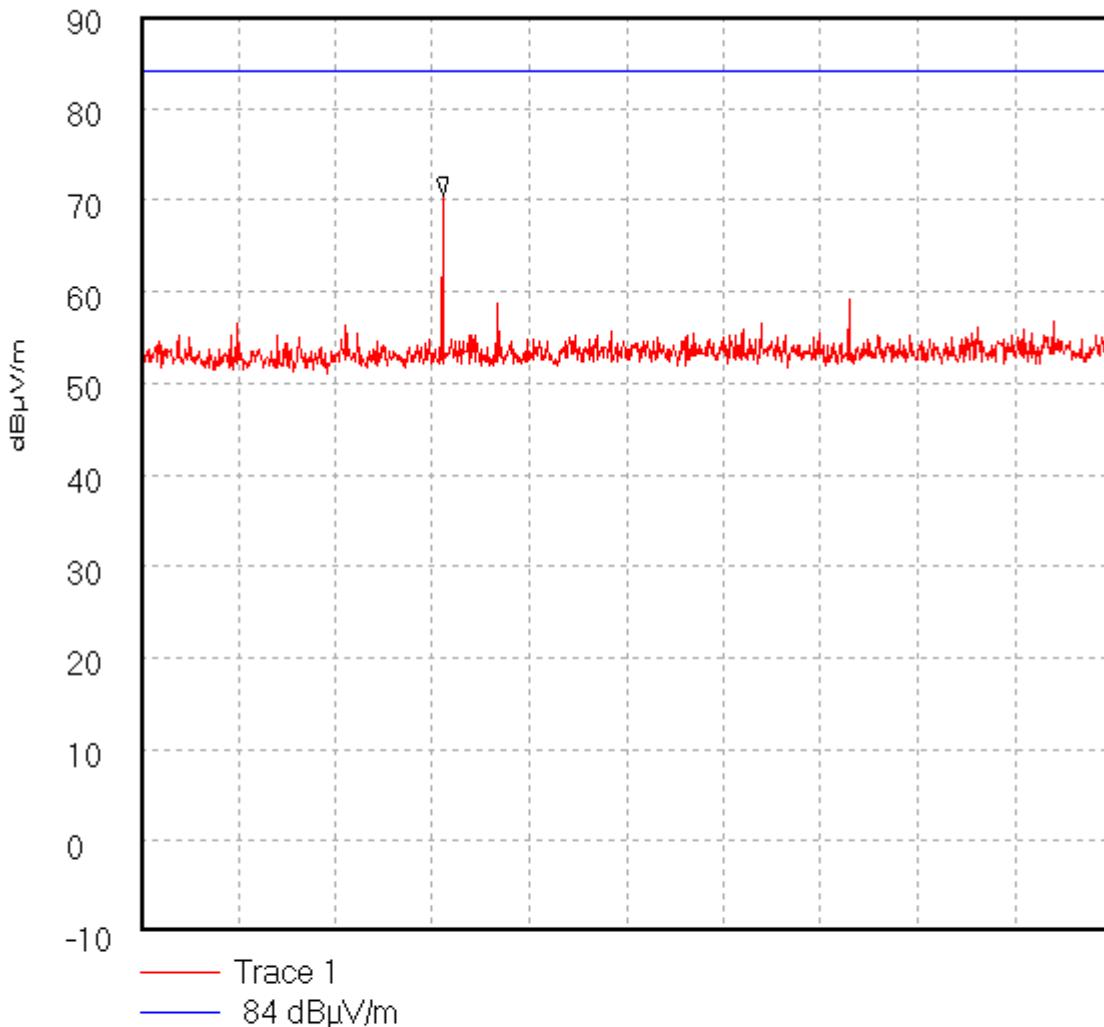
Start 6.0 GHz; Stop 8.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 7.524 GHz, 77.56 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/23/02 10:50:49 AM

Operations Department**Test Of: Sendo Ltd.****Z100 PCS Mobile Telephone****To: FCC Part 24: 2001 and FCC Part 15: 2001****GPH\43987JD03\004****Test for Sendo of Z100 Mobile Phone.****Operating Configuration:- Hands Free kit and Camera Connected.****Operating Condition:- Middle Channel.****43987JD03 004**

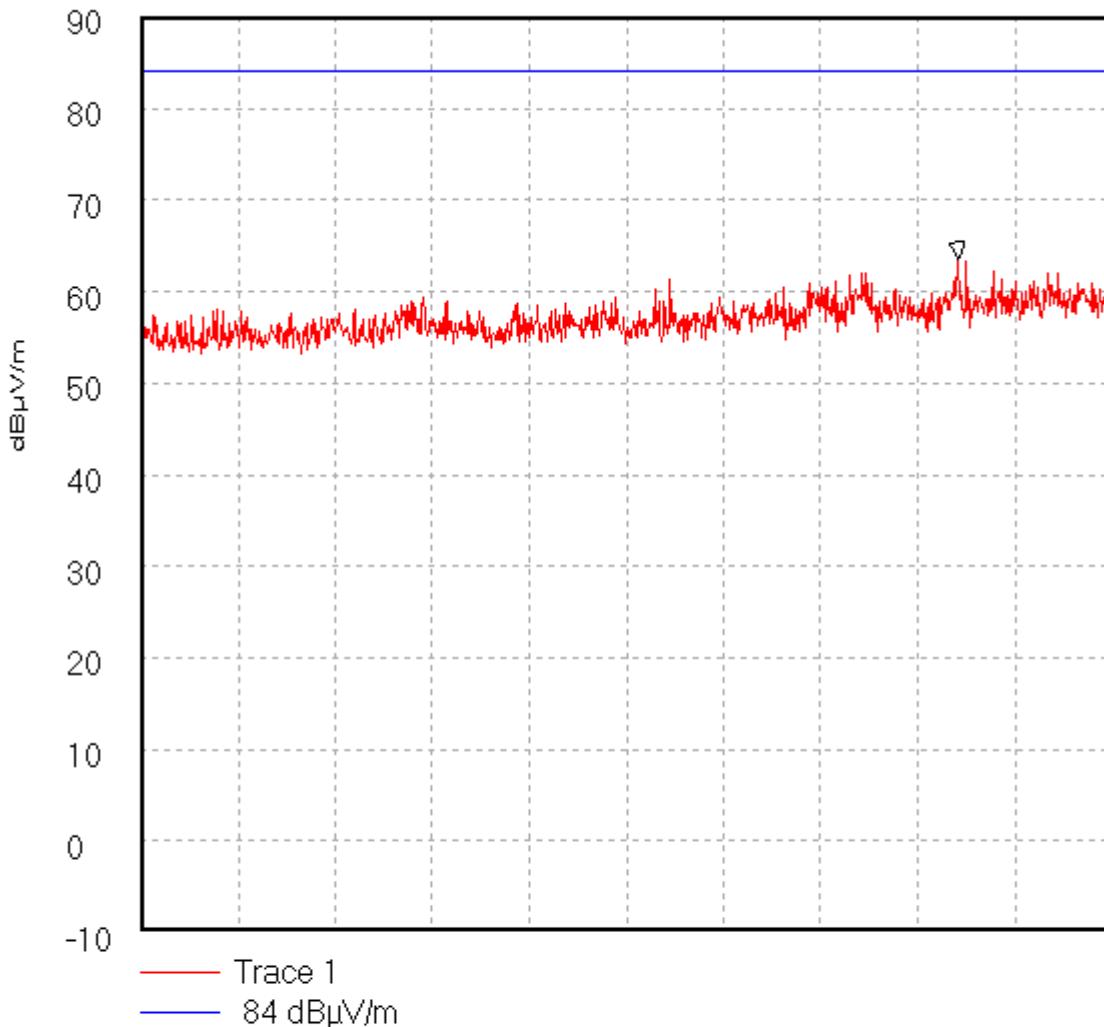
Start 8.0 GHz; Stop 12.5 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 9.4 GHz, 70.5 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/23/02 3:29:09 PM

Operations Department**Test Of: Sendo Ltd.****Z100 PCS Mobile Telephone****To: FCC Part 24: 2001 and FCC Part 15: 2001****GPH\43987JD03\005****Test for Sendo of Z100 Mobile Phone.****Operating Configuration:- Hands Free kit and Camera Connected.****Operating Condition:- Middle Channel.****43987JD03 005**

Start 12.5 GHz; Stop 18.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

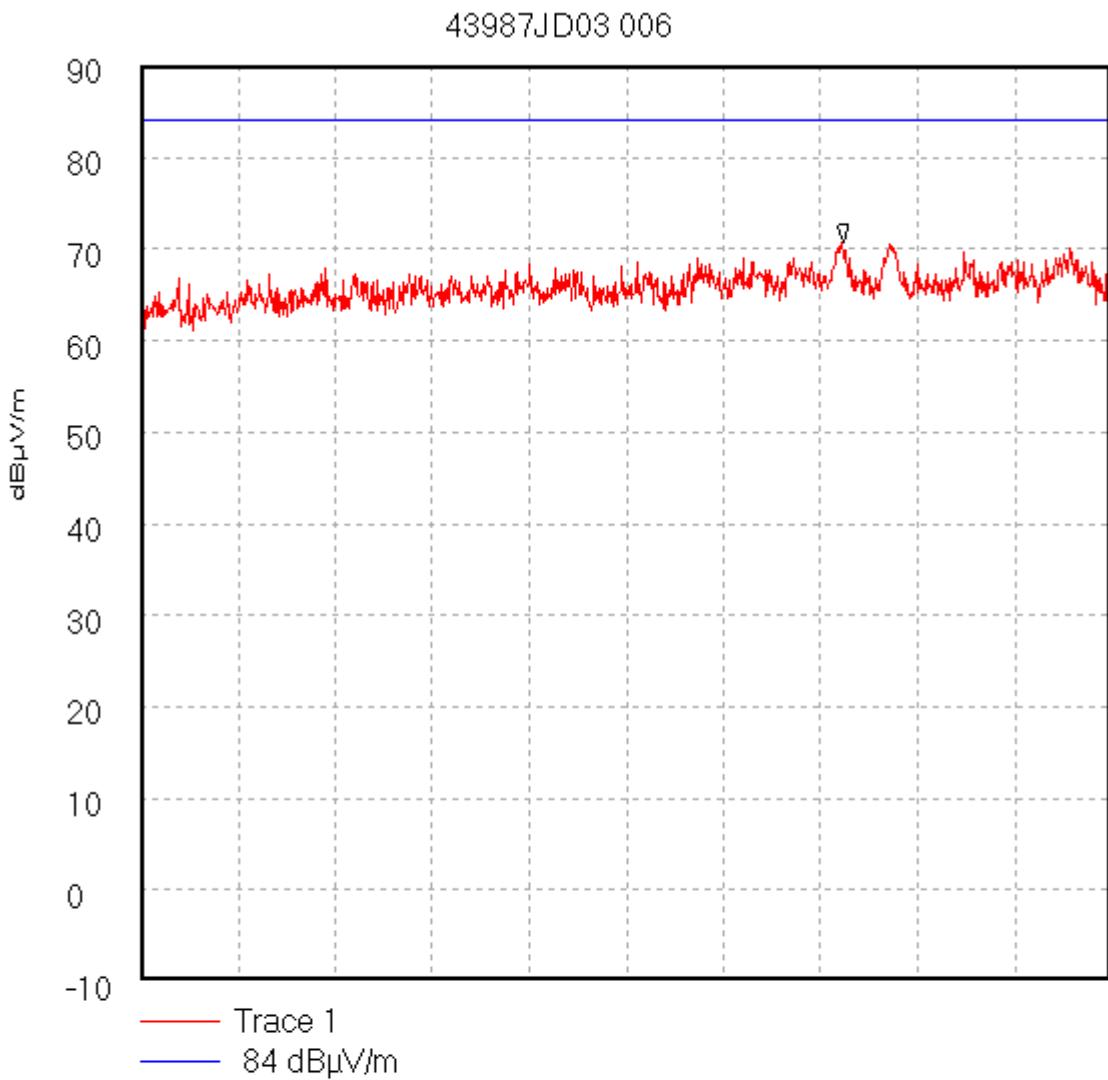
Peak 17.132 GHz, 63.47 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/23/02 4:15:41 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\006
Test for Sendo of Z100 Mobile Phone.
Operating Configuration:- Hands Free kit and Camera Connected.
Operating Condition:- Middle Channel.



Start 18.0 GHz; Stop 26.5 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 60.0 mS

Peak 24.148 GHz, 70.68 dB μ V/m

Display Line: 84 dB μ V/m; Limit Test Passed

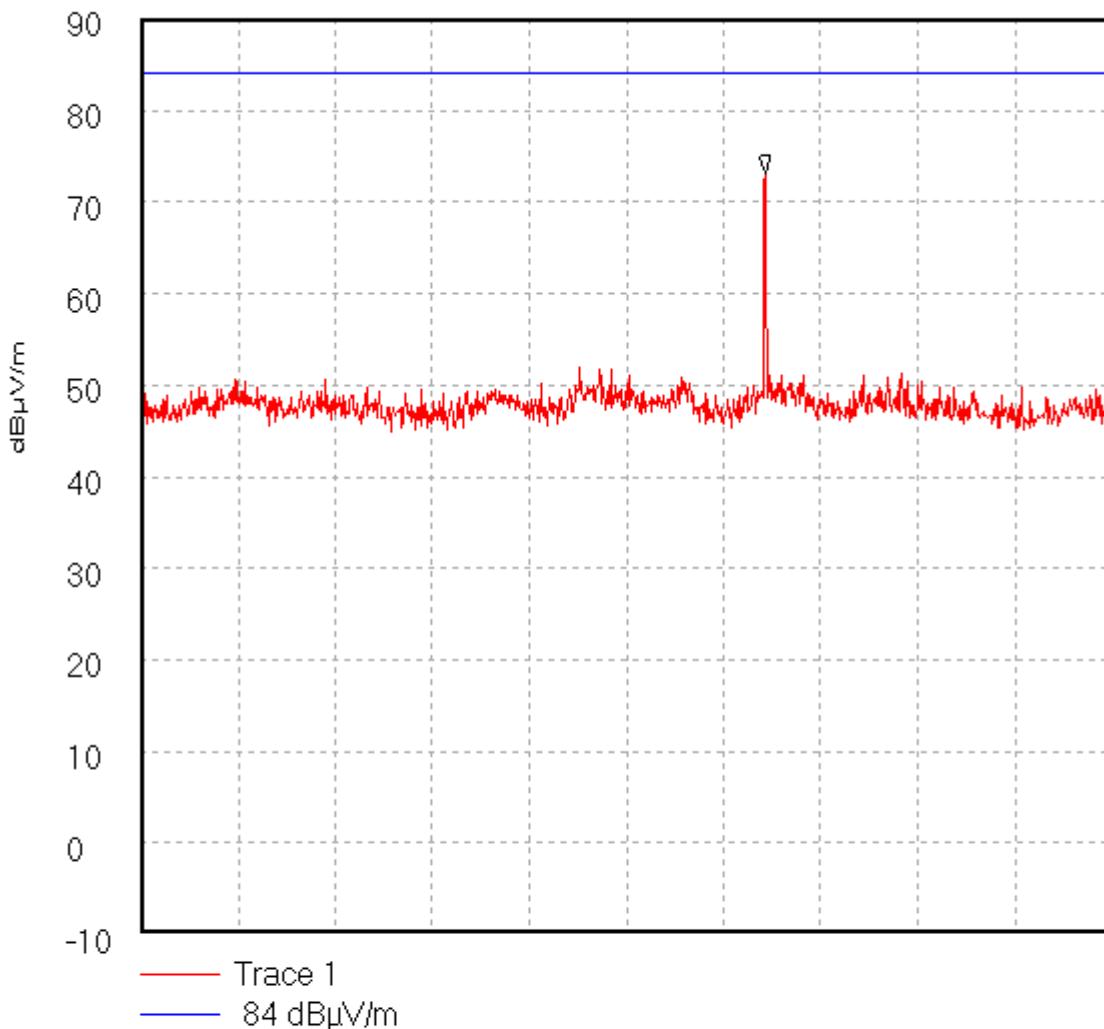
10/23/02 4:23:09 PM

Operations Department**Test Of:** **Sendo Ltd.****Z100 PCS Mobile Telephone****To:** **FCC Part 24: 2001 and FCC Part 15: 2001****Graphical Test Results – Configuration B**

Graph Reference Number	Title
GPH43987JD03\009	Scan of radiated emissions, 5 to 6 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987JD03\010	Scan of radiated emissions, 4 to 5 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987JD03\011	Scan of radiated emissions, 6 to 8 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987JD03\012	Scan of radiated emissions, 8 to 12.5 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987JD03\013	Scan of radiated emissions, 12.5 to 18 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987JD03\012	Scan of radiated emissions, 18 to 26.5 GHz. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Middle Channel.
GPH43987\001a	Scan of conducted emission. Standby Mode. USB with charger and PHF with cradle.

Operations Department**Test Of: Sendo Ltd.****Z100 PCS Mobile Telephone****To: FCC Part 24: 2001 and FCC Part 15: 2001****GPH\43987JD03\009****Test for Sendo of Z100 Mobile Phone.****Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle. Operating Condition:- Middle Channel.**

43987JD03 009



Start 5.0 GHz; Stop 6.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 5.643 GHz, 73.19 dB μ V/mDisplay Line: 84 dB μ V/m; ; Limit Test Passed

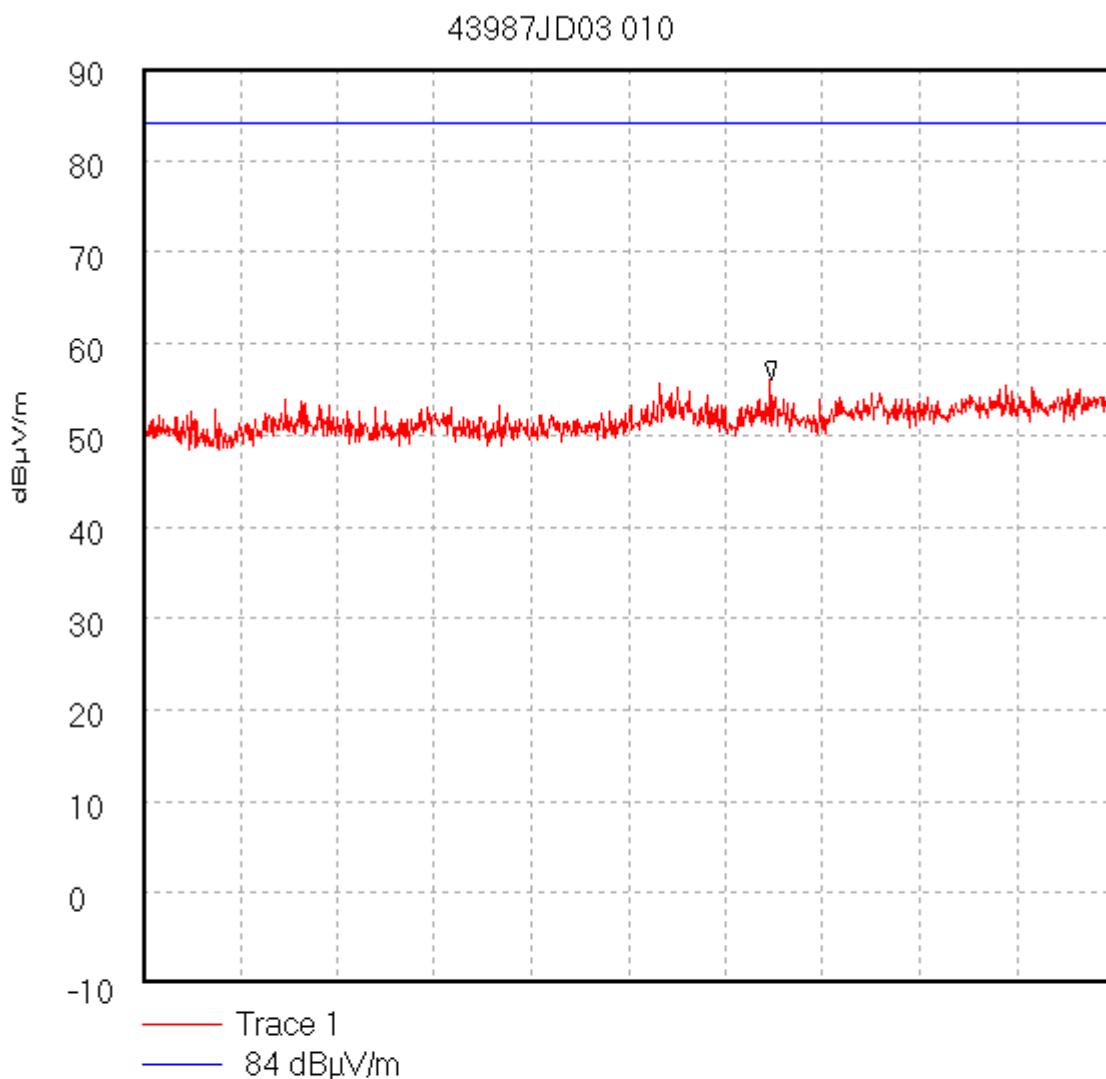
10/25/02 4:19:08 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\010

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle.
Operating Condition:- Middle Channel.



Start 4.0 GHz; Stop 5.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 4.647 GHz, 56.13 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/25/02 4:20:23 PM

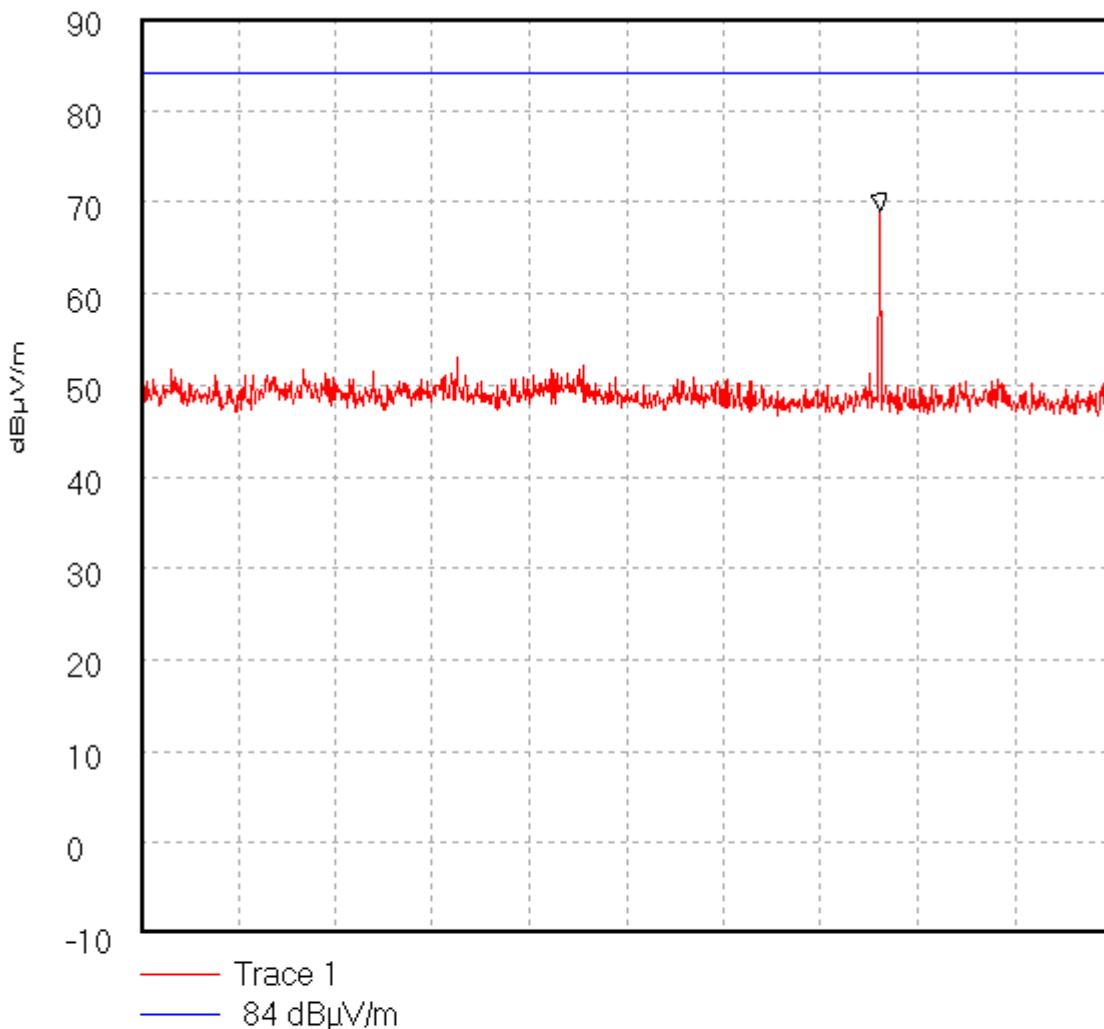
Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\011

Test for Sendo of Z100 Mobile Phone. Operating Configuration :- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle.
Operating Condition:- Middle Channel.

43987JD03 011



Start 6.0 GHz; Stop 8.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 7.524 GHz, 68.98 dB μ V/mDisplay Line: 84 dB μ V/m; Limit Test Passed

10/25/02 4:24:32 PM

Operations Department

Test Of: Sendo Ltd.

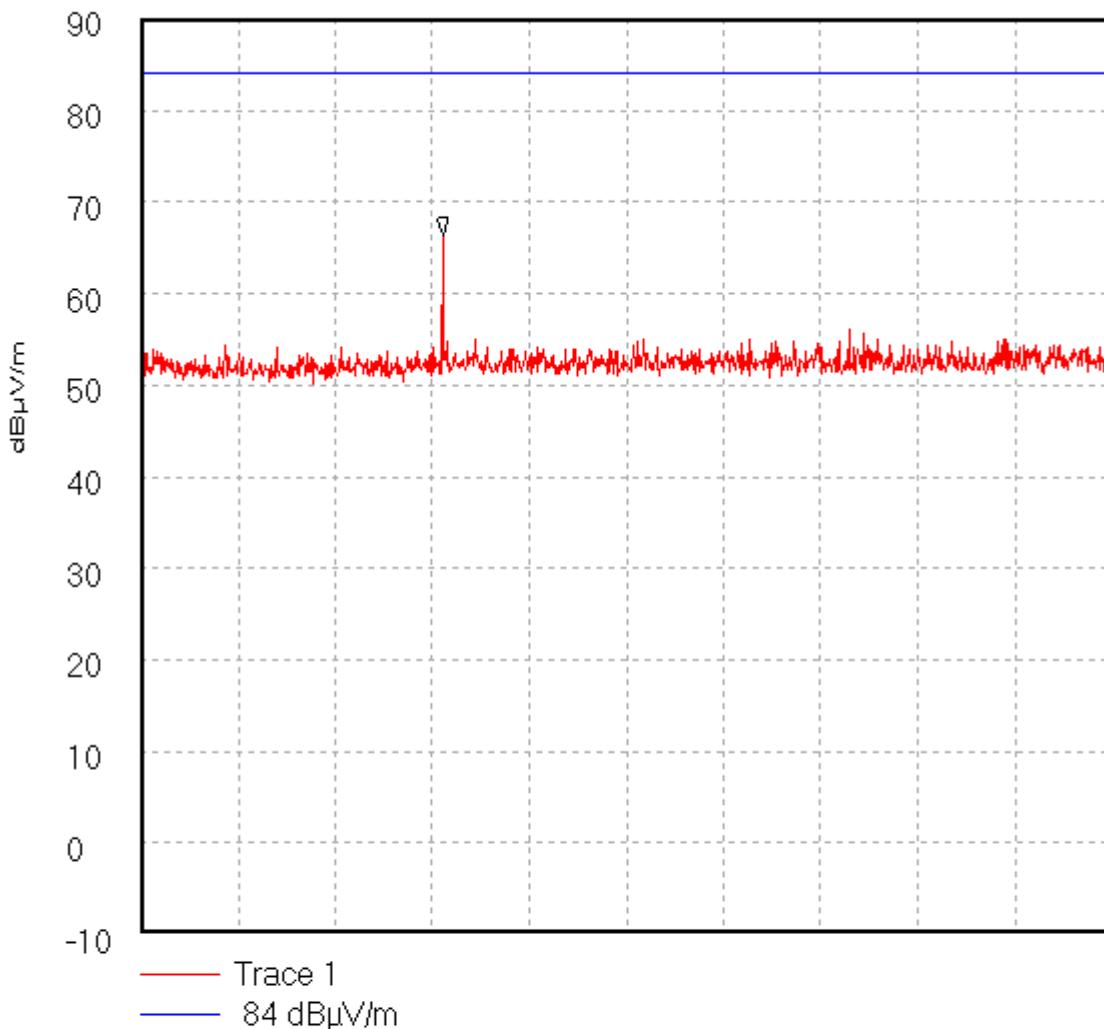
Z100 PCS Mobile Telephone

To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\012

Test for Sendo of Z100 Mobile Phone. Operating Configuration :- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle.
Operating Condition:- Middle Channel.

43987JD03 012



Start 8.0 GHz; Stop 12.5 GHz

Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 9.4 GHz, 66.44 dBµV/m

Display Line: 84 dBµV/m; ; Limit Test Passed

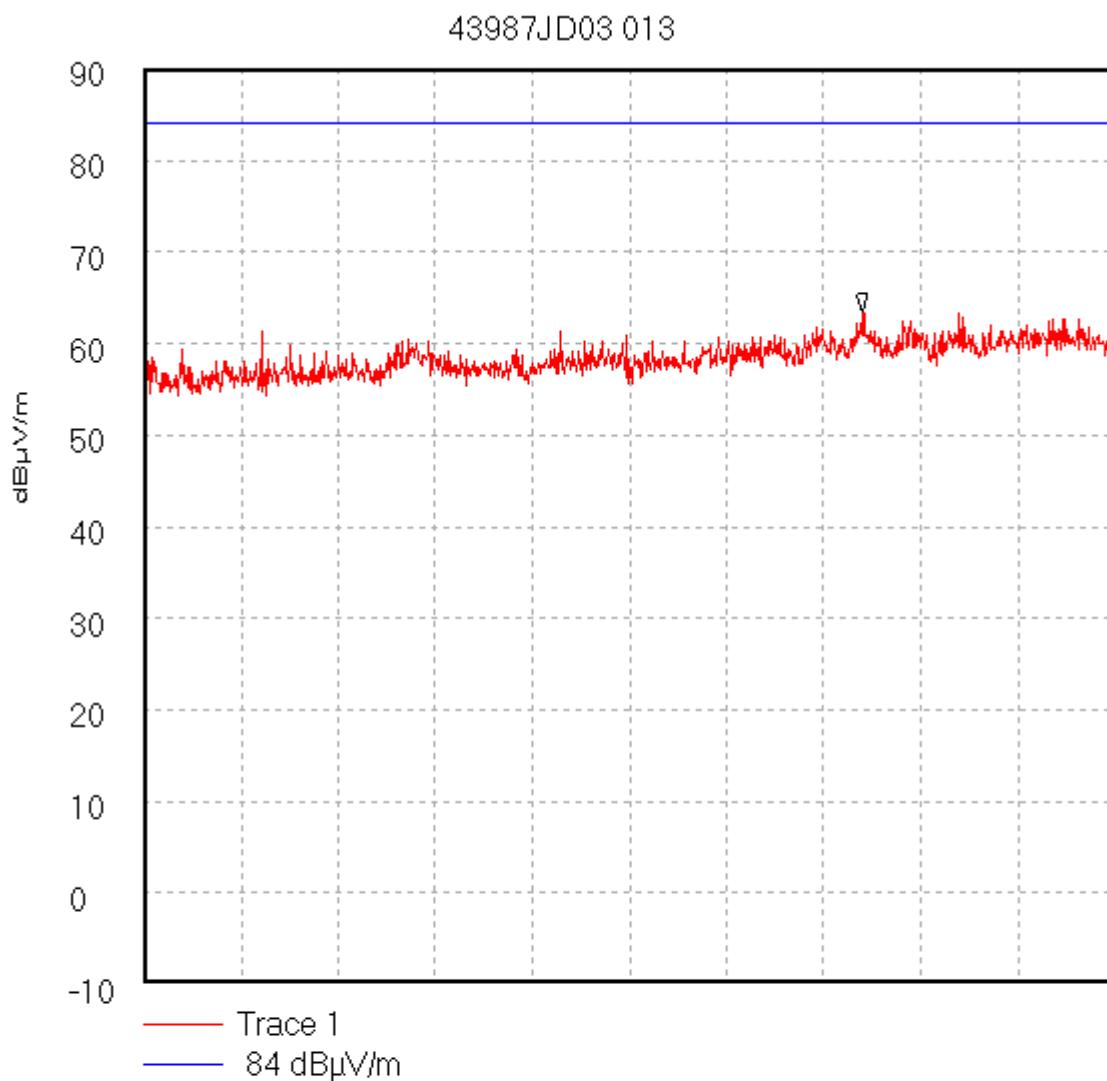
10/25/02 4:28:03 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\013

Test for Sendo of Z100 Mobile Phone. Operating Configuration :- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle.
Operating Condition:- Middle Channel.



Start 12.5 GHz; Stop 18.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 16.57 GHz, 63.42 dB μ V/mDisplay Line: 84 dB μ V/m; ; Limit Test Passed

10/25/02 4:31:39 PM

Operations Department

Test Of: Sendo Ltd.

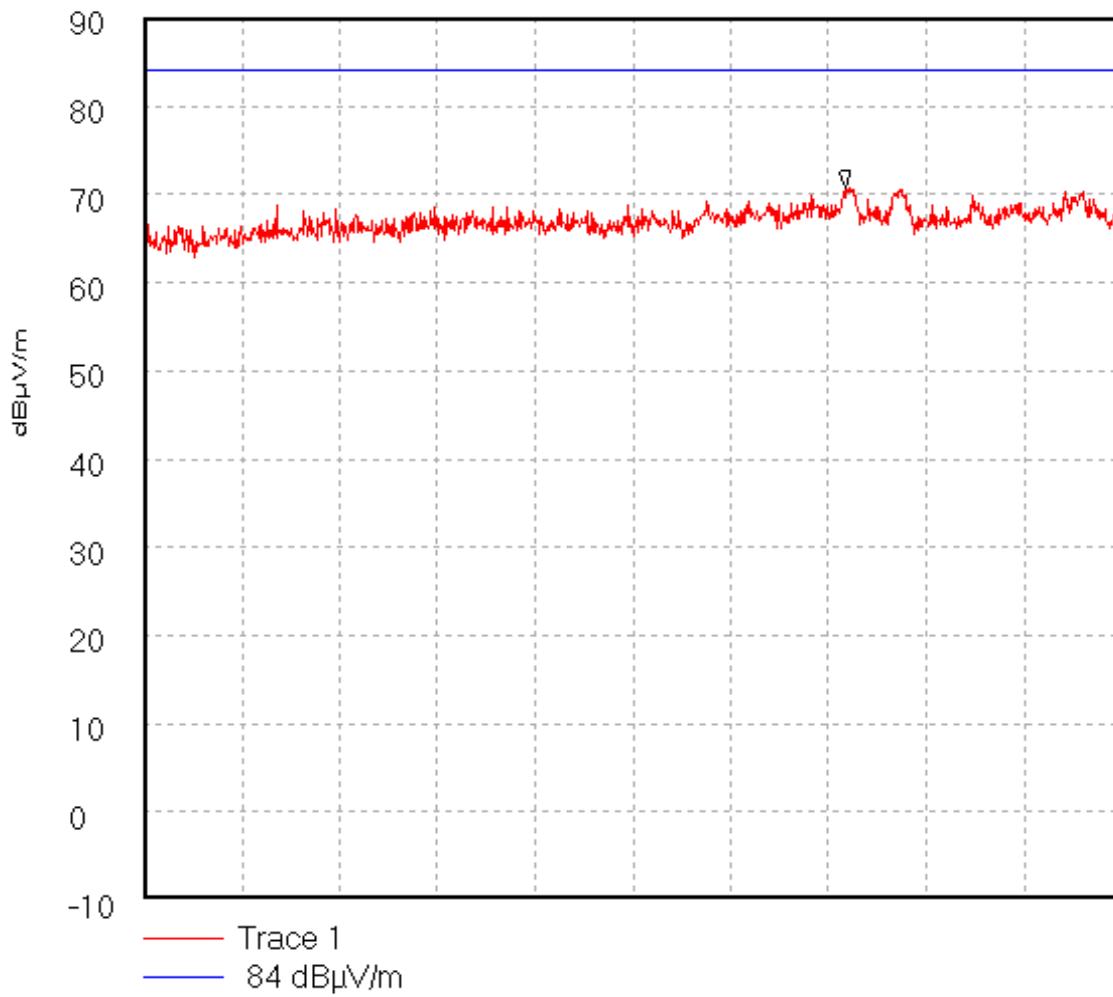
Z100 PCS Mobile Telephone

To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\014

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit, USB cable and charger connected with phone seated in its Synchronisation Cradle.
Operating Condition:- Middle Channel.

43987JD03 014



Start 18.0 GHz; Stop 26.5 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 60.0 mS

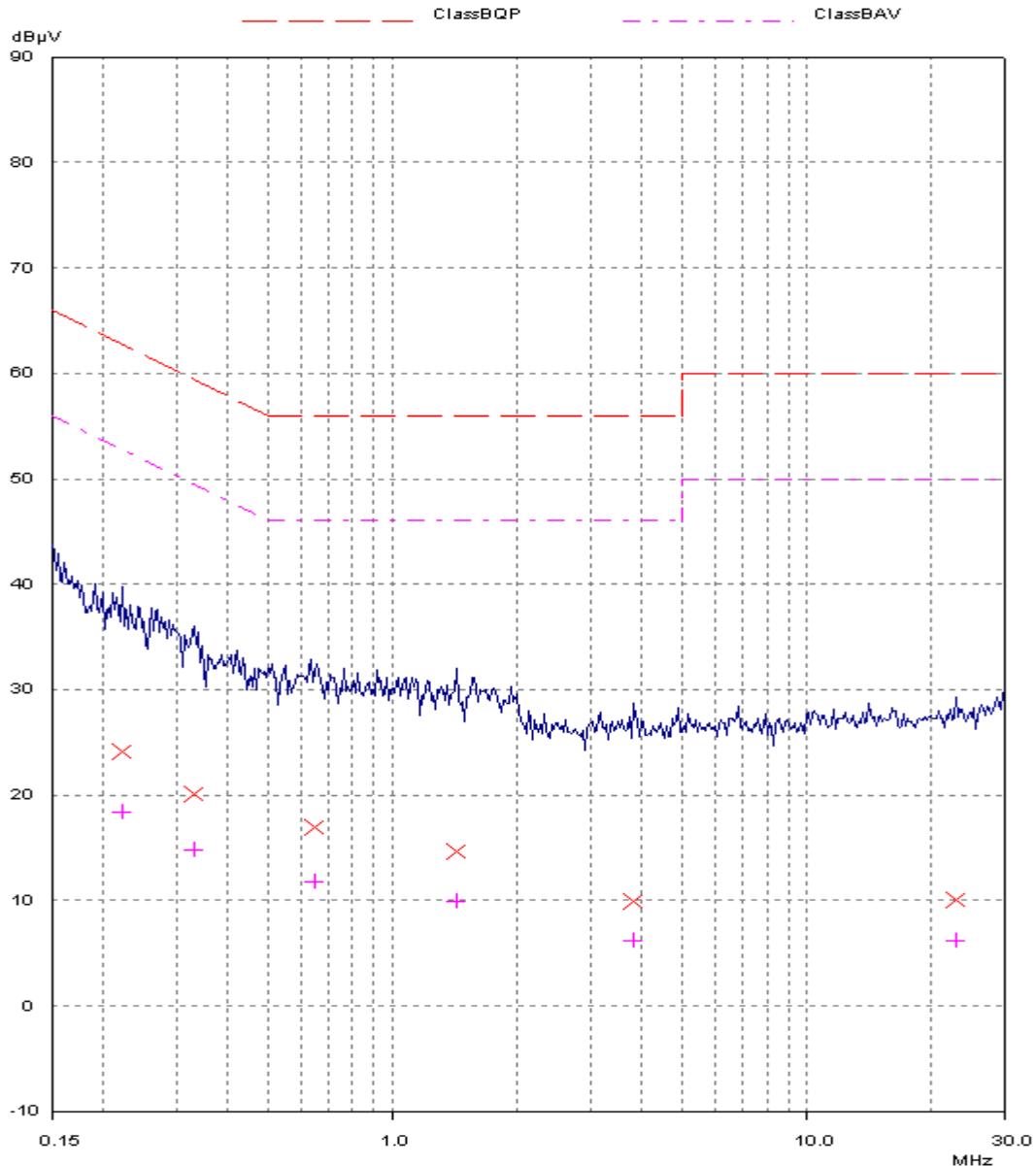
Peak 24.101 GHz, 70.76 dB μ V/mDisplay Line: 84 dB μ V/m; ; Limit Test Passed

10/25/02 4:36:31 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\001a
Scan of conducted emissions. Standby Mode.
USB with charger and PHF with cradle



Operations Department**Test Of:** **Sendo Ltd.****Z100 PCS Mobile Telephone****To:** **FCC Part 24: 2001 and FCC Part 15: 2001****Graphical Test Results – Configuration C**

Graph Reference Number	Title
GPH43987JD03\001	Radiated Band Edge. Allocated Bottom Channel.
GPH43987JD03\002	Radiated Band Edge. Allocated Top Channel.
GPH43987\001	Scan of radiated emissions, 4 to 5 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\002	Scan of radiated emissions, 5 to 6 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\003	Scan of radiated emissions, 6 to 8 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\004	Scan of radiated emissions, 8 to 12.5 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\005	Scan of radiated emissions, 12.5 to 18 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\006	Scan of radiated emissions, 18 to 26.5 GHz. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard. Middle Channel.
GPH43987\002a	Scan of conducted emissions. Receive Mode. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
GPH43987JD03ce\001	Conducted Band Edge. Allocated Bottom Channel.
GPH43987JD03ce\002	Conducted Band Edge. Allocated Top Channel.
GPH43987JD03ce\003	Allocated Bottom Channel. (1 MHz to 1.849 GHz)
GPH43987JD03ce\004	Allocated Middle Channel. (1 MHz to 1.849 GHz)
GPH43987JD03ce\005	Allocated Top Channel. (1 MHz to 1.849 GHz)

Operations Department**Test Of:** **Sendo Ltd.****Z100 PCS Mobile Telephone****To:** **FCC Part 24: 2001 and FCC Part 15: 2001****Graphical Test Results – Configuration C (continued)**

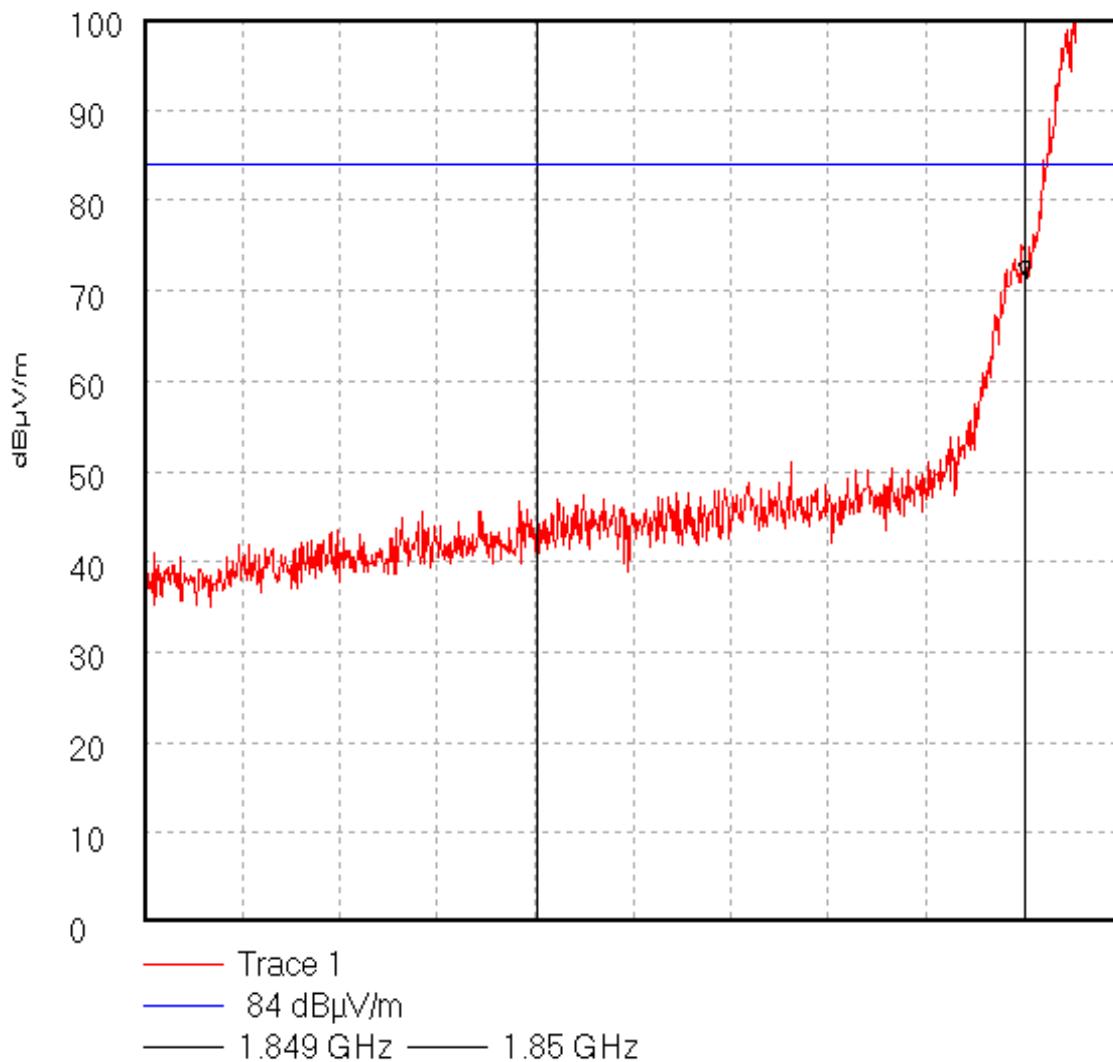
Graph Reference Number	Title
GPH\43987JD03ce\006	Allocated Bottom Channel. (1.911 GHz to 2 GHz)
GPH\43987JD03ce\007	Allocated Middle Channel. (1.911 GHz to 2 GHz)
GPH\43987JD03ce\008	Allocated Top Channel. (1.911 GHz to 2 GHz)
GPH\43987JD03ce\009	Allocated Bottom Channel. (2 GHz to 5 GHz)
GPH\43987JD03ce\010	Allocated Middle Channel. (2 GHz to 5 GHz)
GPH\43987JD03ce\011	Allocated Top Channel. (2 GHz to 5 GHz)
GPH\43987JD03ce\012	Allocated Bottom Channel. (5 GHz to 10 GHz)
GPH\43987JD03ce\013	Allocated Middle Channel. (5 GHz to 10 GHz)
GPH\43987JD03ce\014	Allocated Top Channel. (5 GHz to 10 GHz)
GPH\43987JD03ce\015	Allocated Bottom Channel. (10 GHz to 15 GHz)
GPH\43987JD03ce\016	Allocated Middle Channel. (10 GHz to 15 GHz)
GPH\43987JD03ce\017	Allocated Top Channel. (10 GHz to 15 GHz)
GPH\43987JD03ce\018	Allocated Bottom Channel. (15 GHz to 20 GHz)
GPH\43987JD03ce\019	Allocated Middle Channel. (15 GHz to 20 GHz)
GPH\43987JD03ce\020	Allocated Top Channel. (15 GHz to 20 GHz)
GPH\43987JD03\001	Receive Mode (4 GHz to 6 GHz)
GPH\43987JD03\002	Receive Mode (6 GHz to 8 GHz)
GPH\43987JD03\003	Receive Mode (8 GHz to 12.75 GHz)
GPH\43987JD03\004	Receive Mode (12.75 GHz to 18 GHz)
GPH\43987JD03\005	Receive Mode (18 GHz to 26.5 GHz)

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\001
Lower Band Edge

43987JD03 001



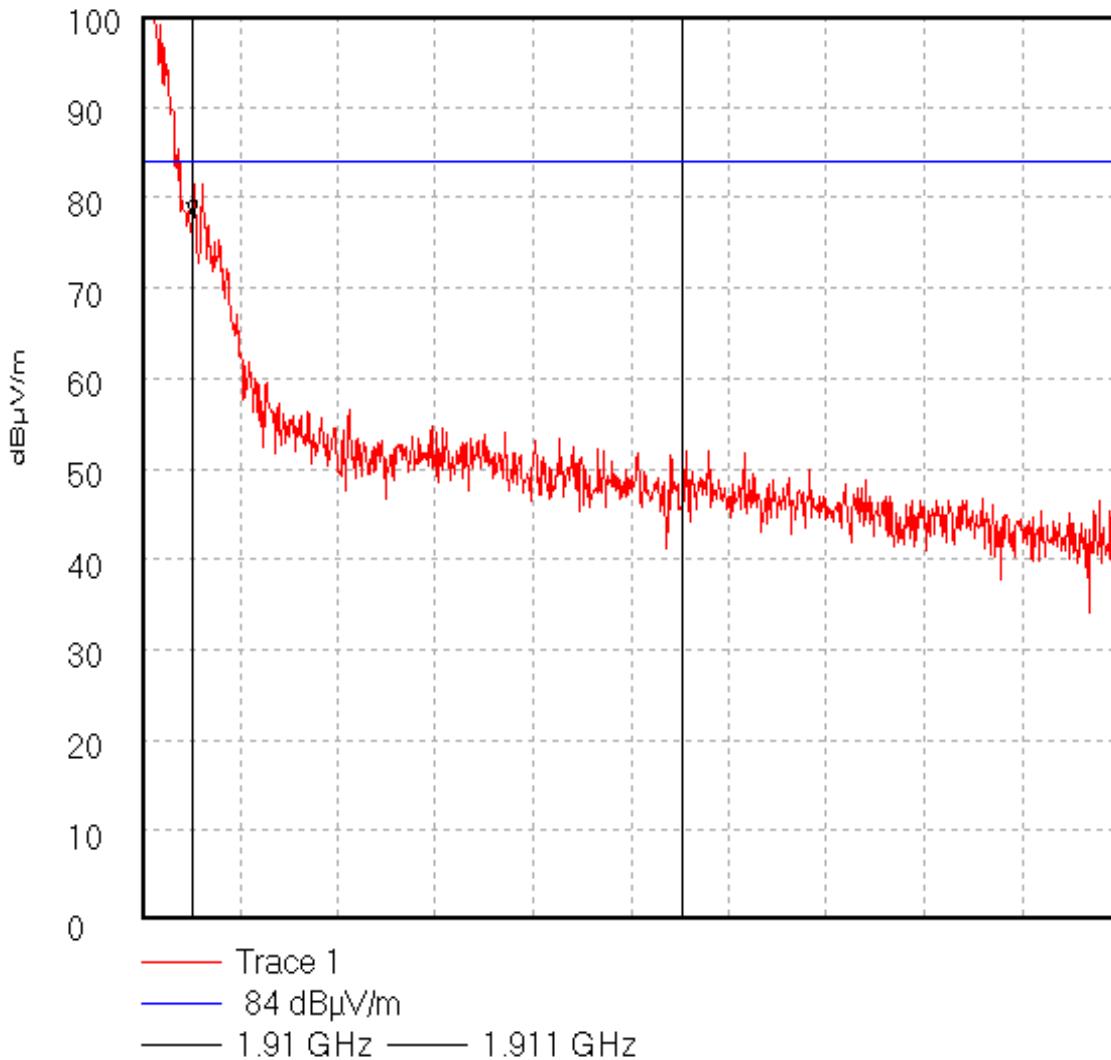
Start 1.848197 GHz; Stop 1.850197 GHz
Ref 100 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div
RBW 3.0 kHz; VBW 3.0 kHz; Att 10 dB; Swp 680.0 mS
Marker 1.85 GHz, 71.21 dB μ V/m
Display Line: 84 dB μ V/m;
10/2/02 4:23:39 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\002
Upper Band Edge

43987JD03 002



Start 1.909895 GHz; Stop 1.911895 GHz

Ref 100 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 3.0 kHz; VBW 3.0 kHz; Att 10 dB; Swp 680.0 mS

Marker 1.91 GHz, 77.63 dB μ V/m

Display Line: 84 dB μ V/m;

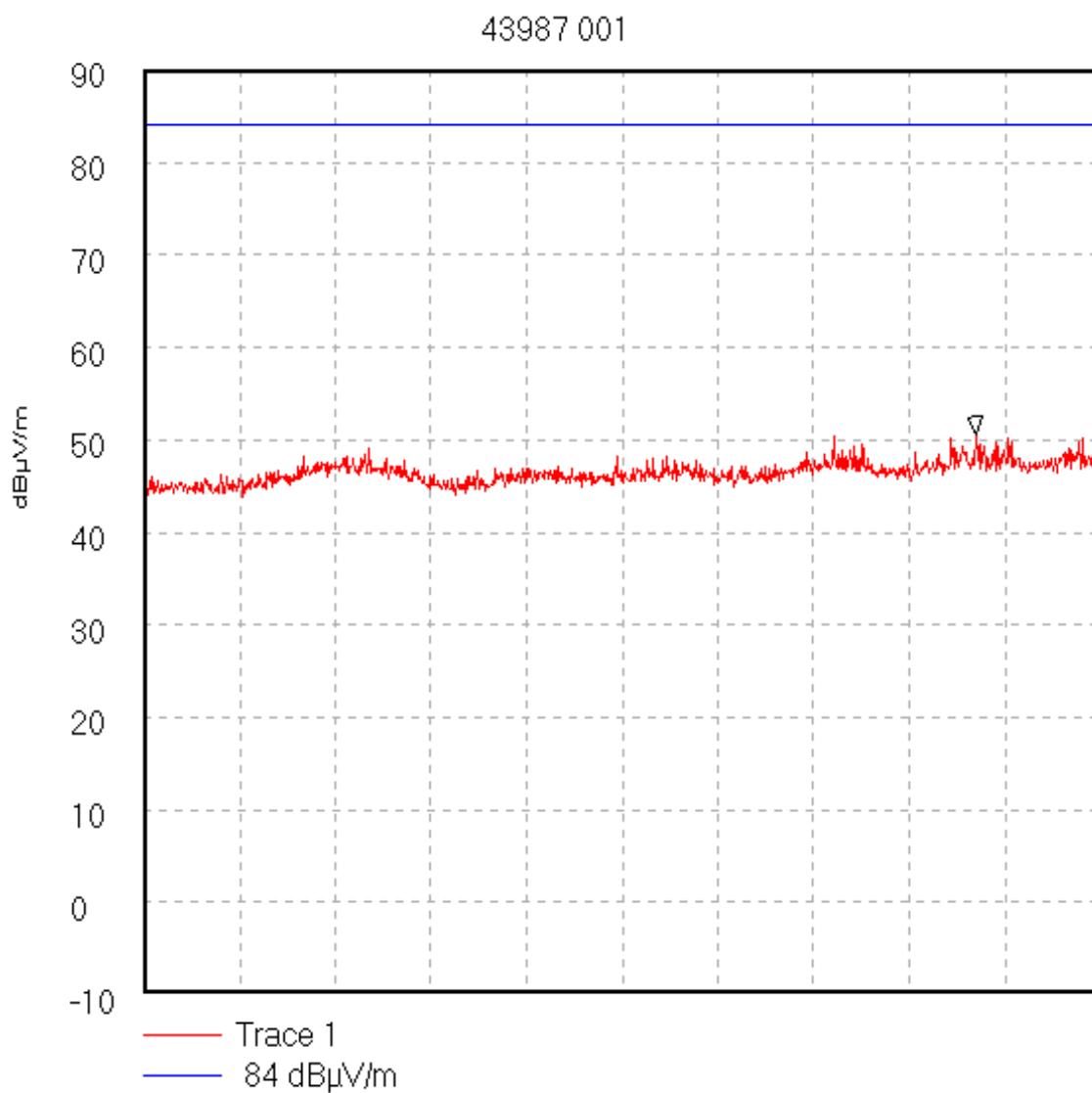
10/2/02 4:32:08 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\001

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition :- Middle Channel.



Start 4.0 GHz; Stop 5.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 4.871111 GHz, 50.52 dB μ V/mDisplay Line: 84 dB μ V/m;

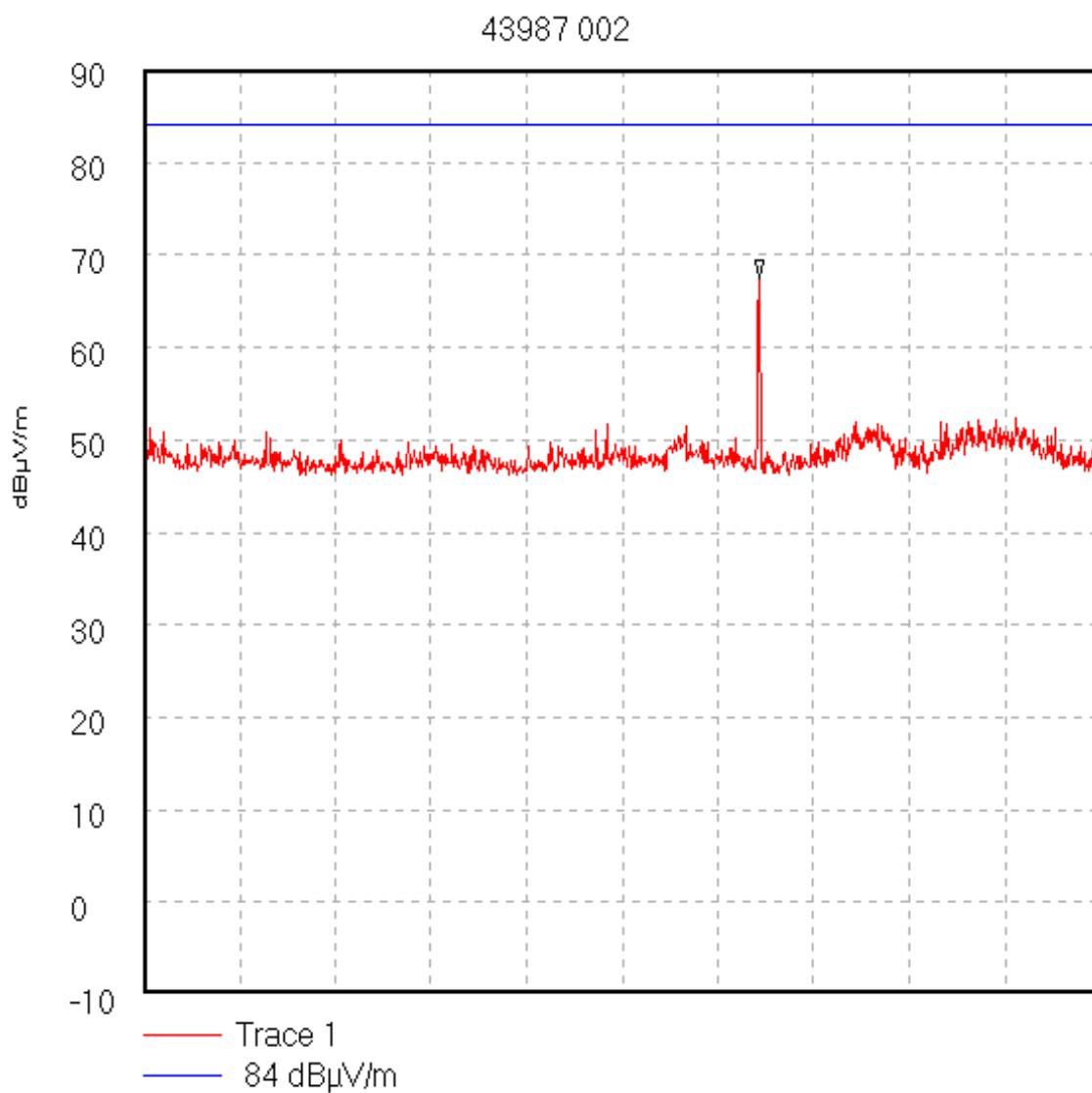
04/01/80 04:10:35

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\002

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition:- Middle Channel.



Start 5.0 GHz; Stop 6.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 5.643333 GHz, 67.35 dB μ V/mDisplay Line: 84 dB μ V/m;

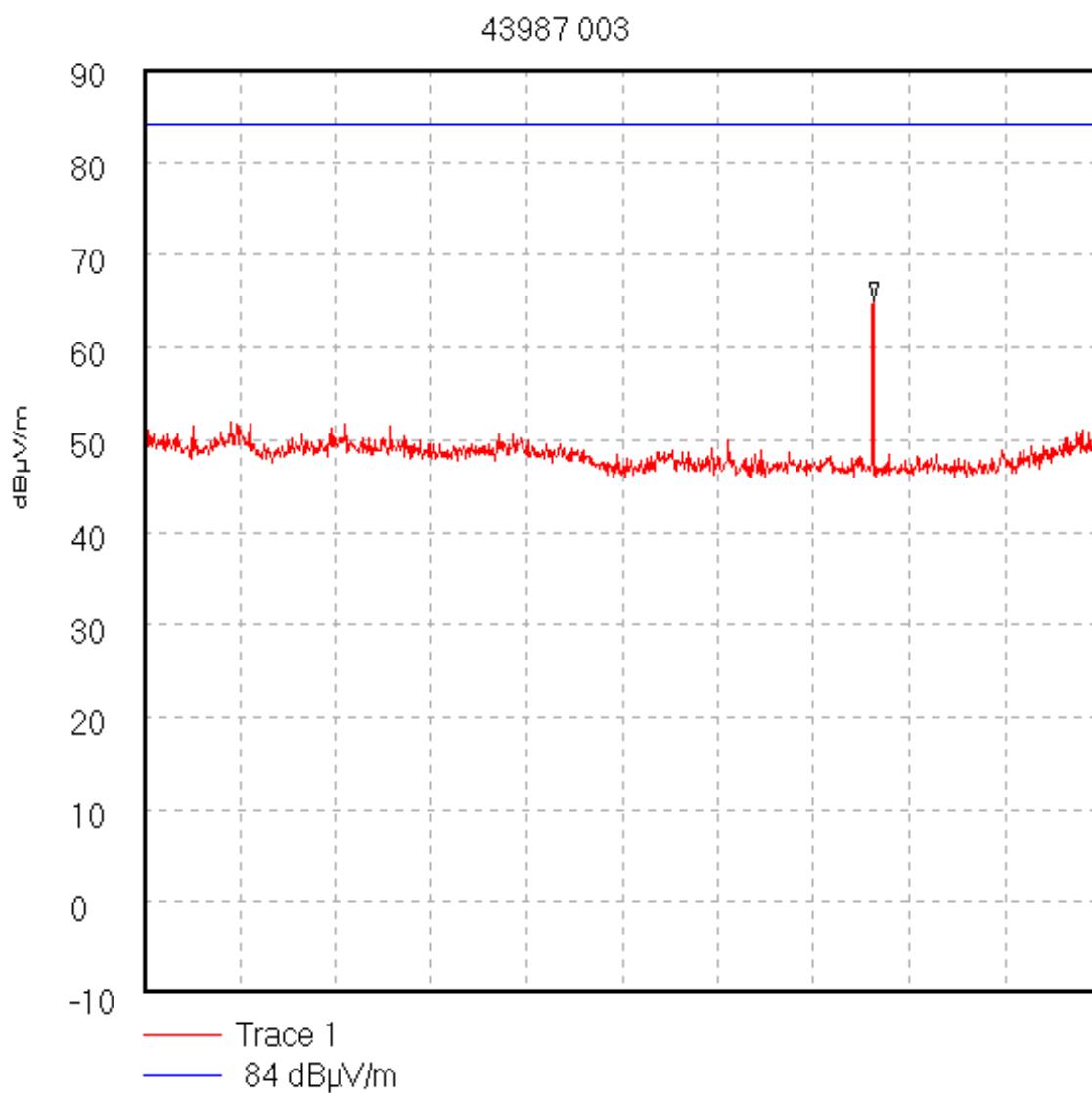
04/01/80 04:12:41

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\003

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition:- Middle Channel.



Start 6.0 GHz; Stop 8.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 7.526667 GHz, 64.97 dB μ V/mDisplay Line: 84 dB μ V/m;

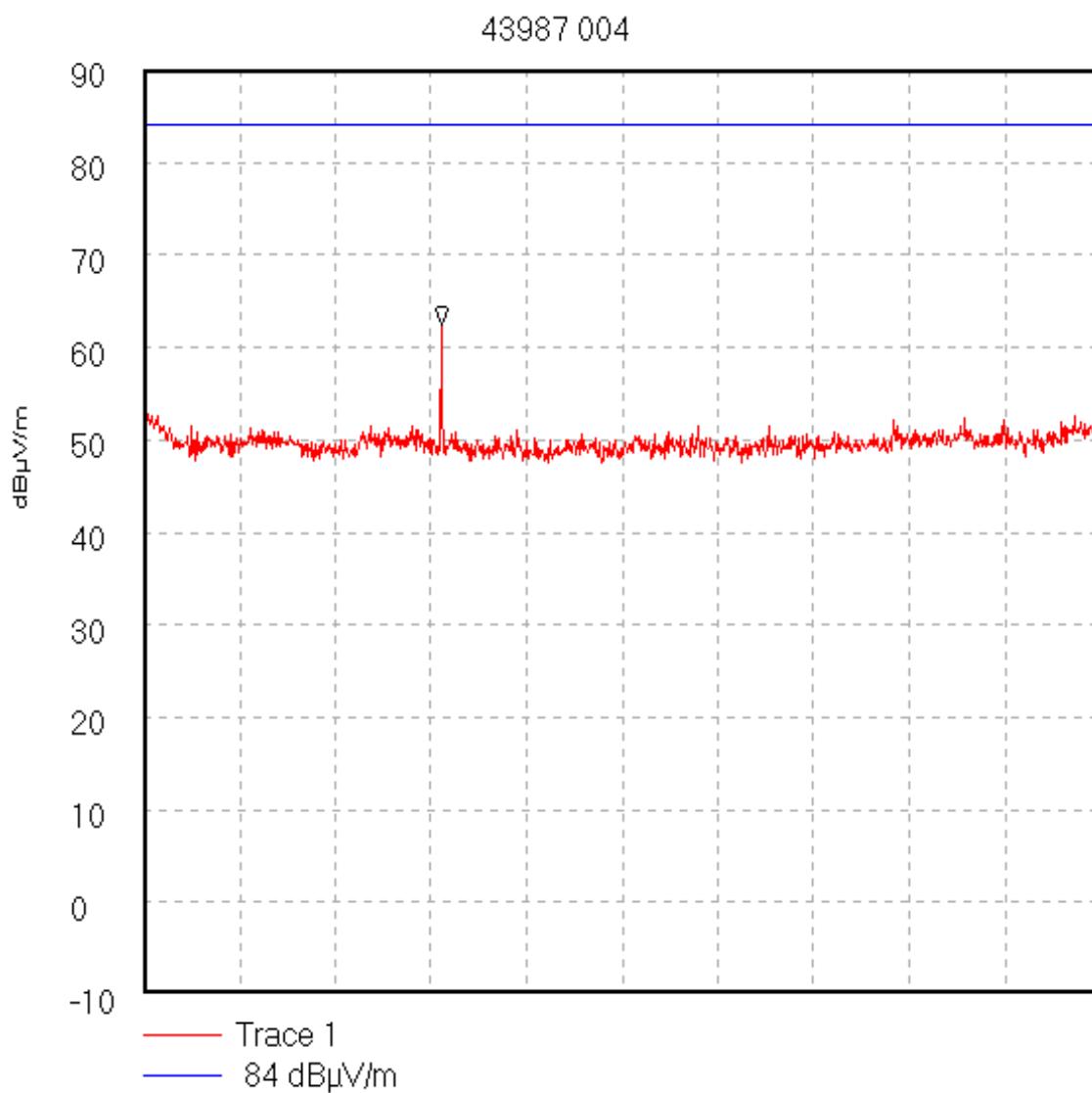
04/01/80 04:15:32

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\004

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition:- Middle Channel.



Start 8.0 GHz; Stop 12.5 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 9.4 GHz, 62.38 dB μ V/mDisplay Line: 84 dB μ V/m;

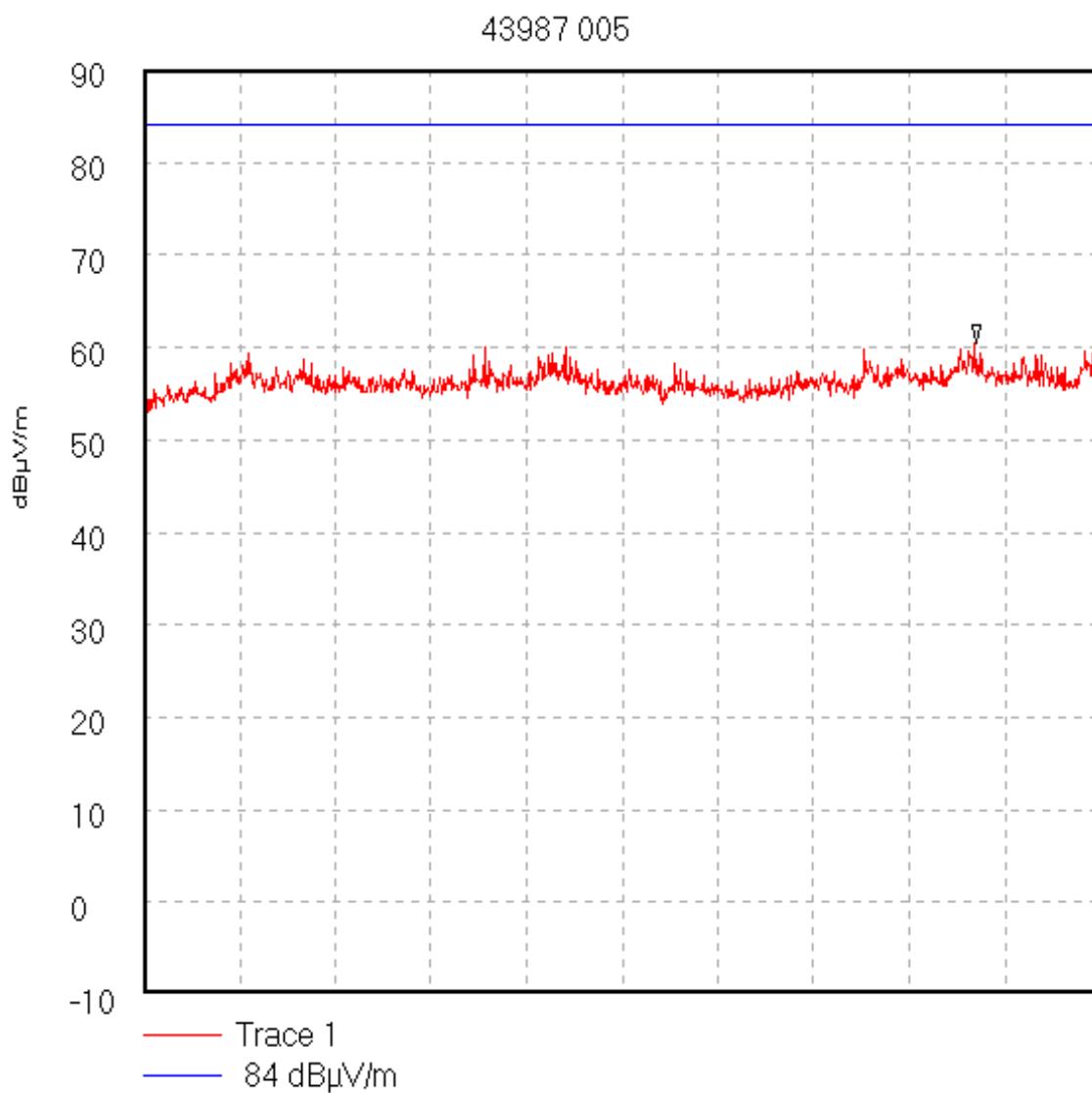
04/01/80 04:17:30

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\005

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition:- Middle Channel.



Start 12.5 GHz; Stop 18.0 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 17.285 GHz, 60.37 dB μ V/mDisplay Line: 84 dB μ V/m;

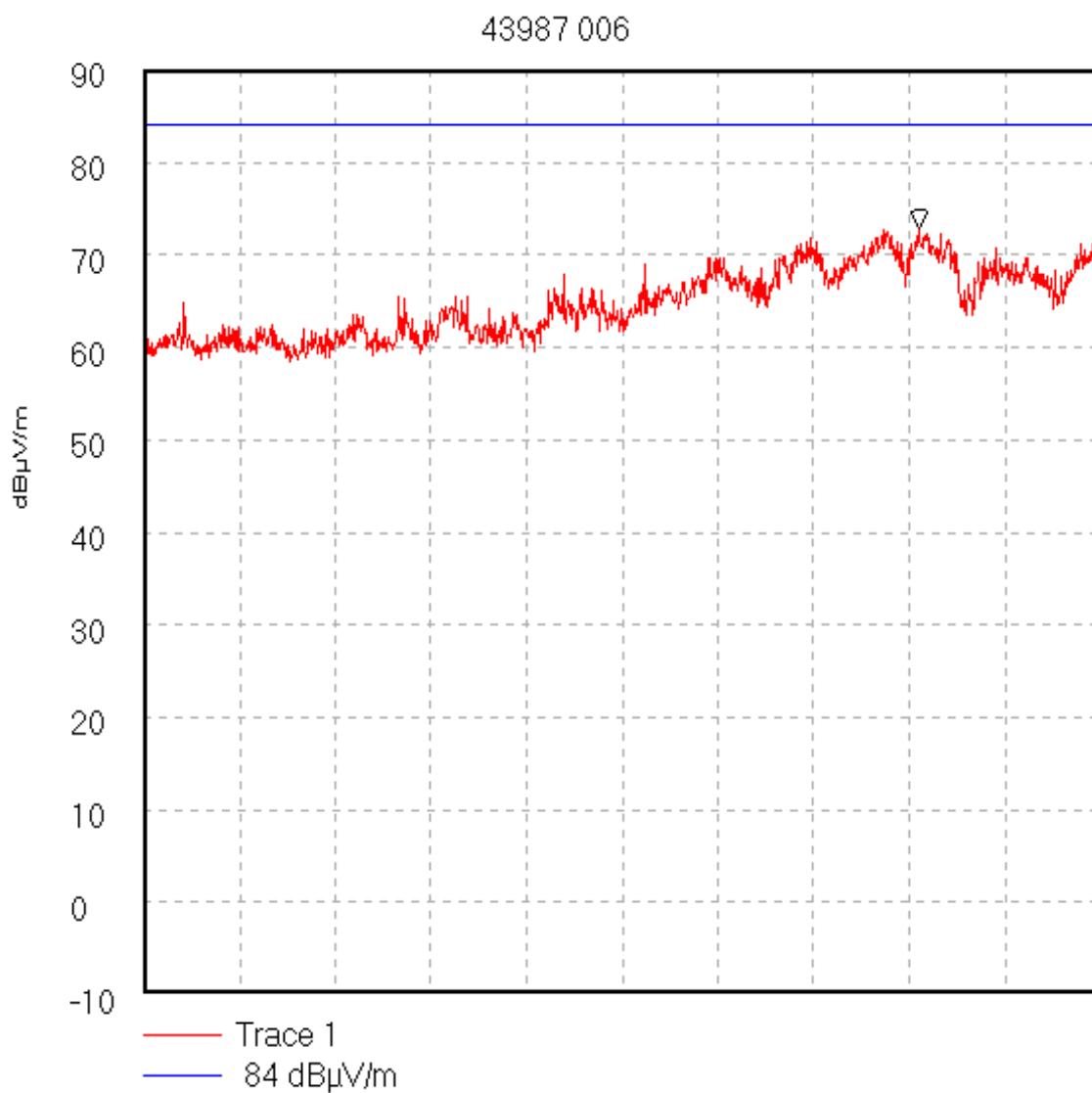
04/01/80 04:20:44

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\006

Test for Sendo of Z100 Mobile Phone. Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.
Operating Condition:- Middle Channel.



Start 18.0 GHz; Stop 26.5 GHz

Ref 90 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 24.894444 GHz, 72.94 dB μ V/mDisplay Line: 84 dB μ V/m;

04/01/80 04:22:50

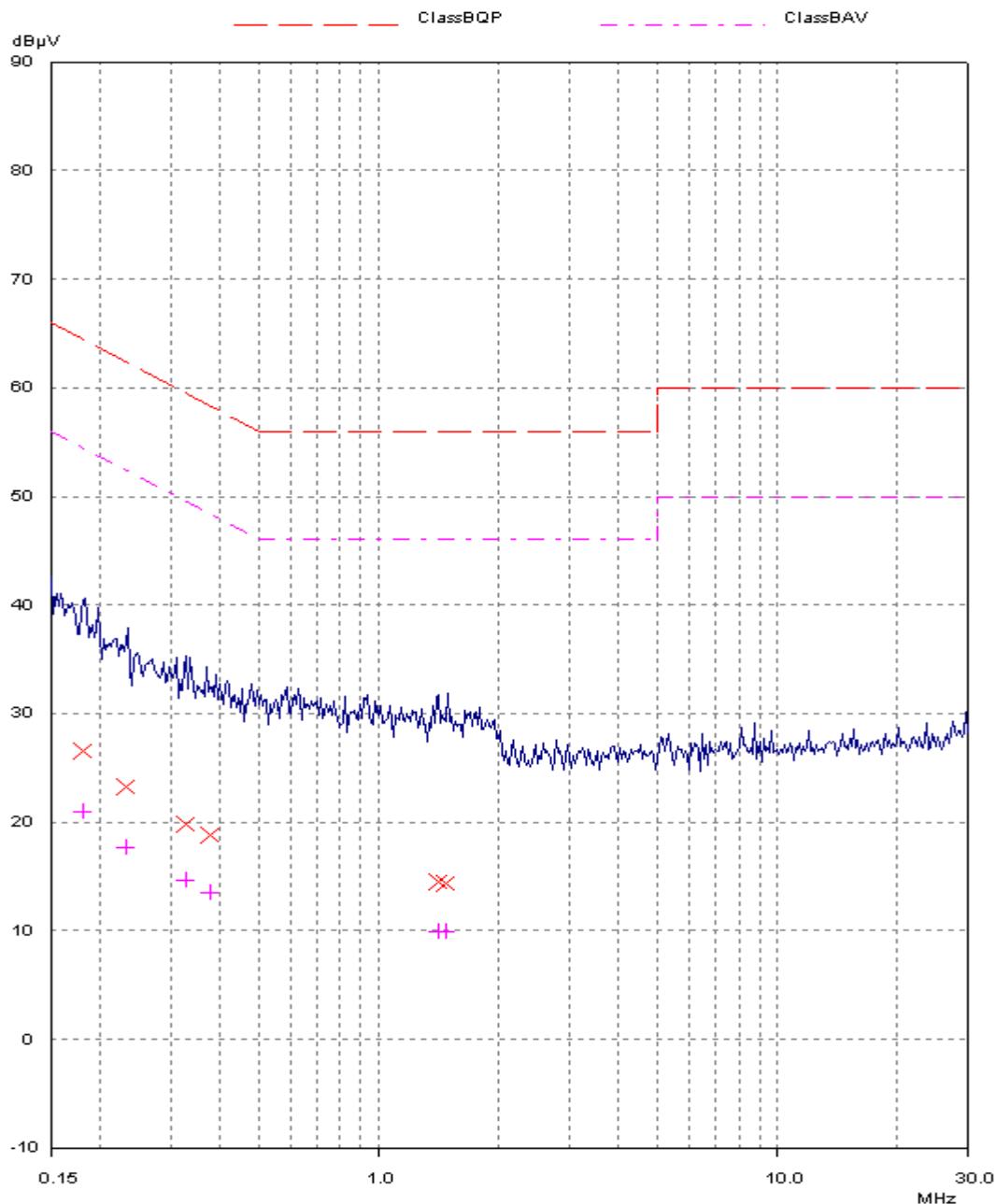
Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987\002a

Test for Sendo of Z100 Mobile Phone. Conducted Emissions. Receive Mode.

Operating Configuration:- Hands Free kit and Charger connected with phone seated in Electek Keyboard.



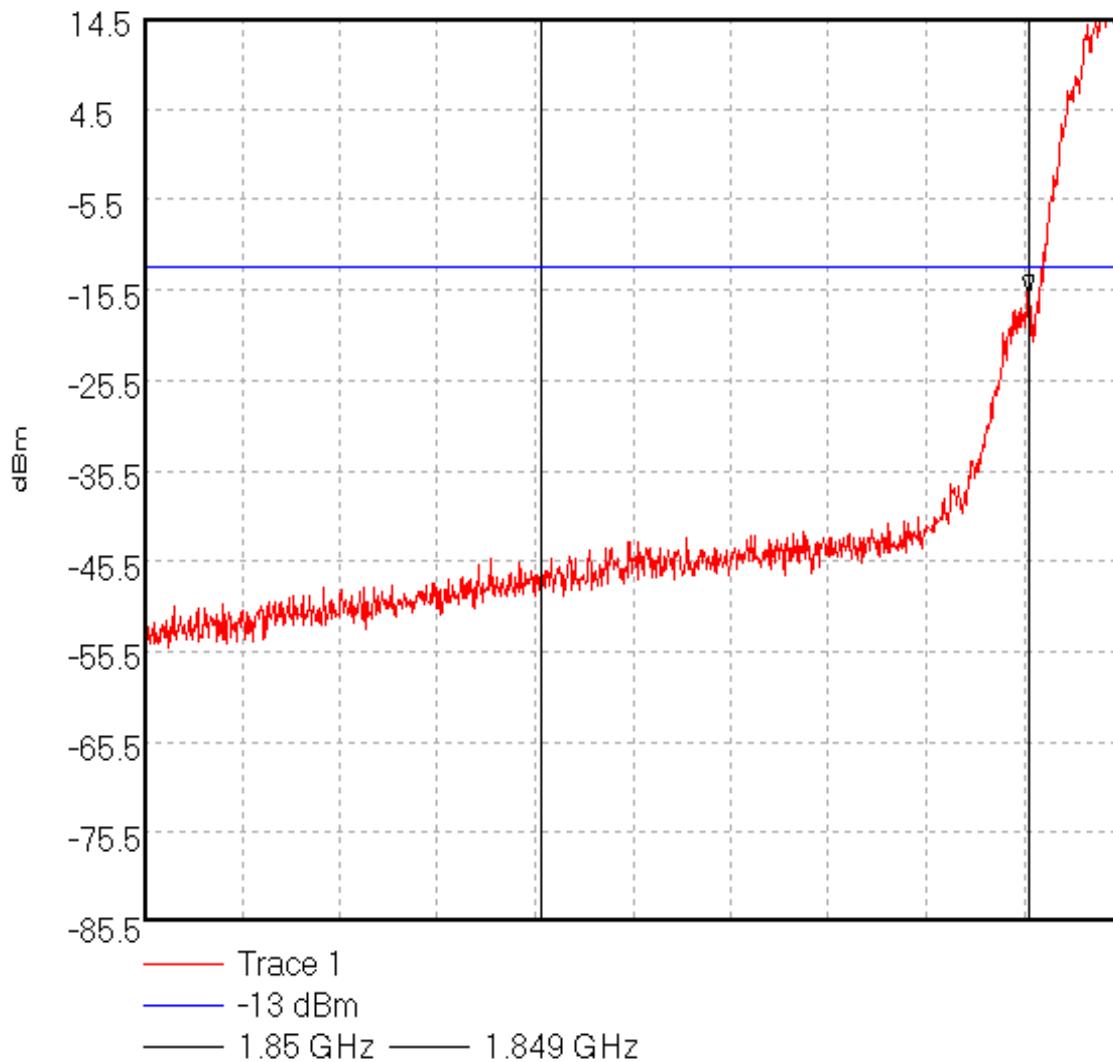
Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\001
Test for Sendo of Z100 ms.

Operating Condition:- Allocated Bottom Channel. Band Edge.

43987JD03ce 001



Start 1.848189 GHz; Stop 1.850189 GHz

Ref 14.5 dBm; Ref Offset 41.8 dB; 10 dB/div

RBW 3.0 kHz; VBW 3.0 kHz; Att 0 dB; Swp 680.0 mS

Marker 1.85 GHz, -15.89 dBm

Display Line: -13 dBm;

10/11/02 2:56:11 PM

Operations Department

Test Of: Sendo Ltd.

Z100 PCS Mobile Telephone

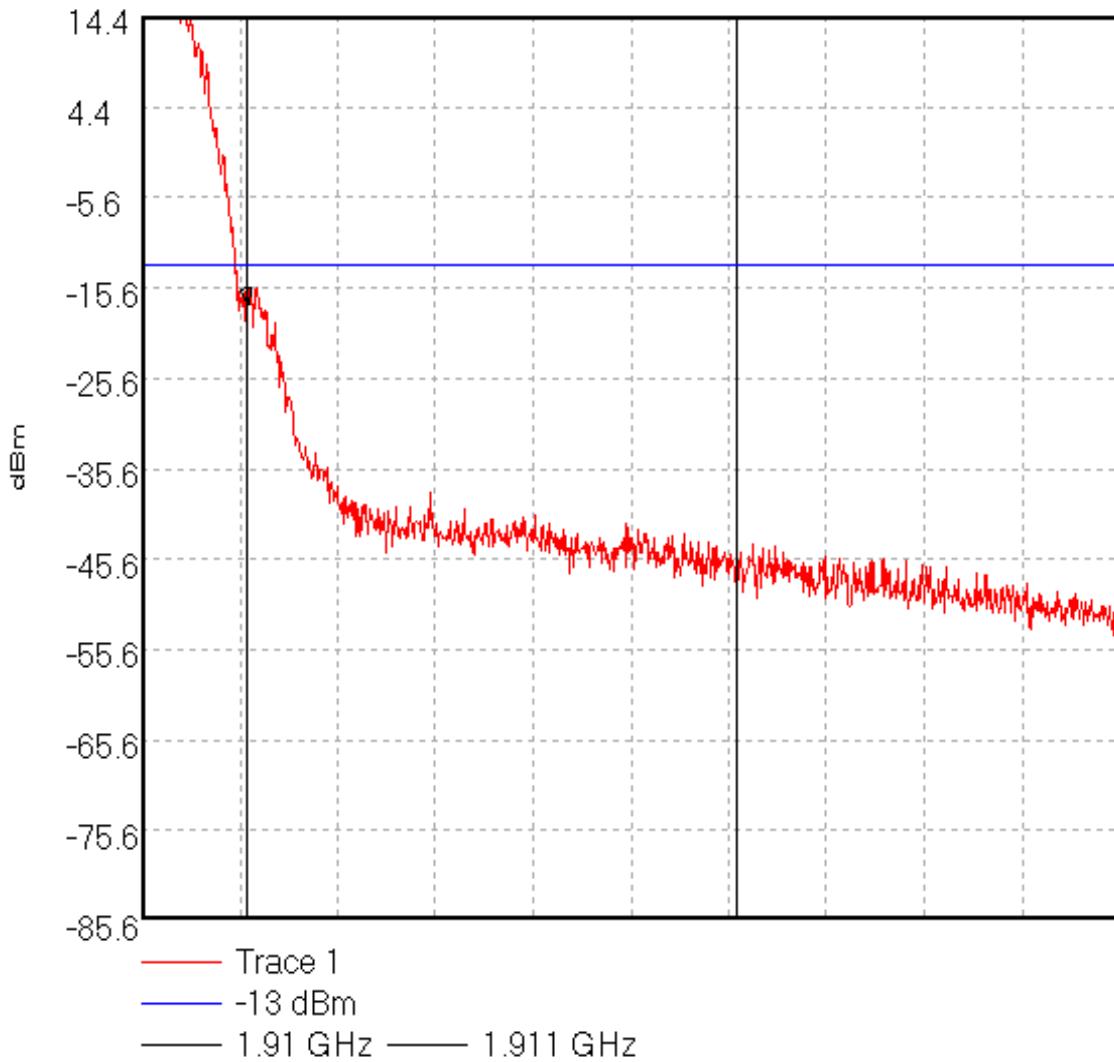
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\002

Test for Sendo of Z100 ms.

Operating Condition:- Allocated Top Channel. Band Edge.

43987JD03ce 002



Start 1.909784 GHz; Stop 1.911784 GHz

Ref 14.4 dBm; Ref Offset 41.7 dB; 10 dB/div

RBW 3.0 kHz; VBW 3.0 kHz; Att 0 dB; Swp 680.0 mS

Marker 1.91 GHz, -17.69 dBm

Display Line: -13 dBm;

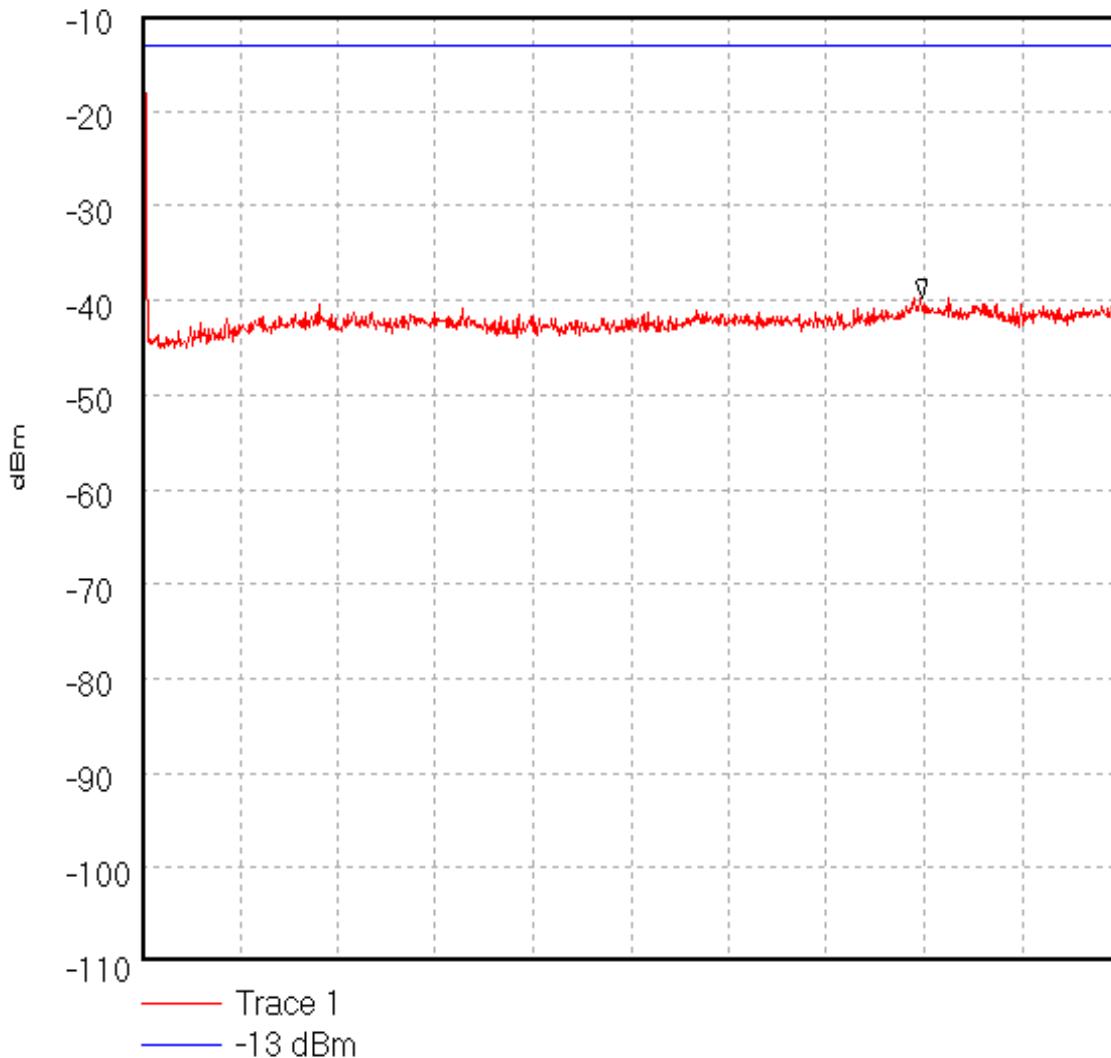
10/11/02 3:06:30 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\003
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 003



Start 1.0 MHz; Stop 1.849 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Marker 1.475293 GHz, -39.68 dBm

Display Line: -13 dBm;

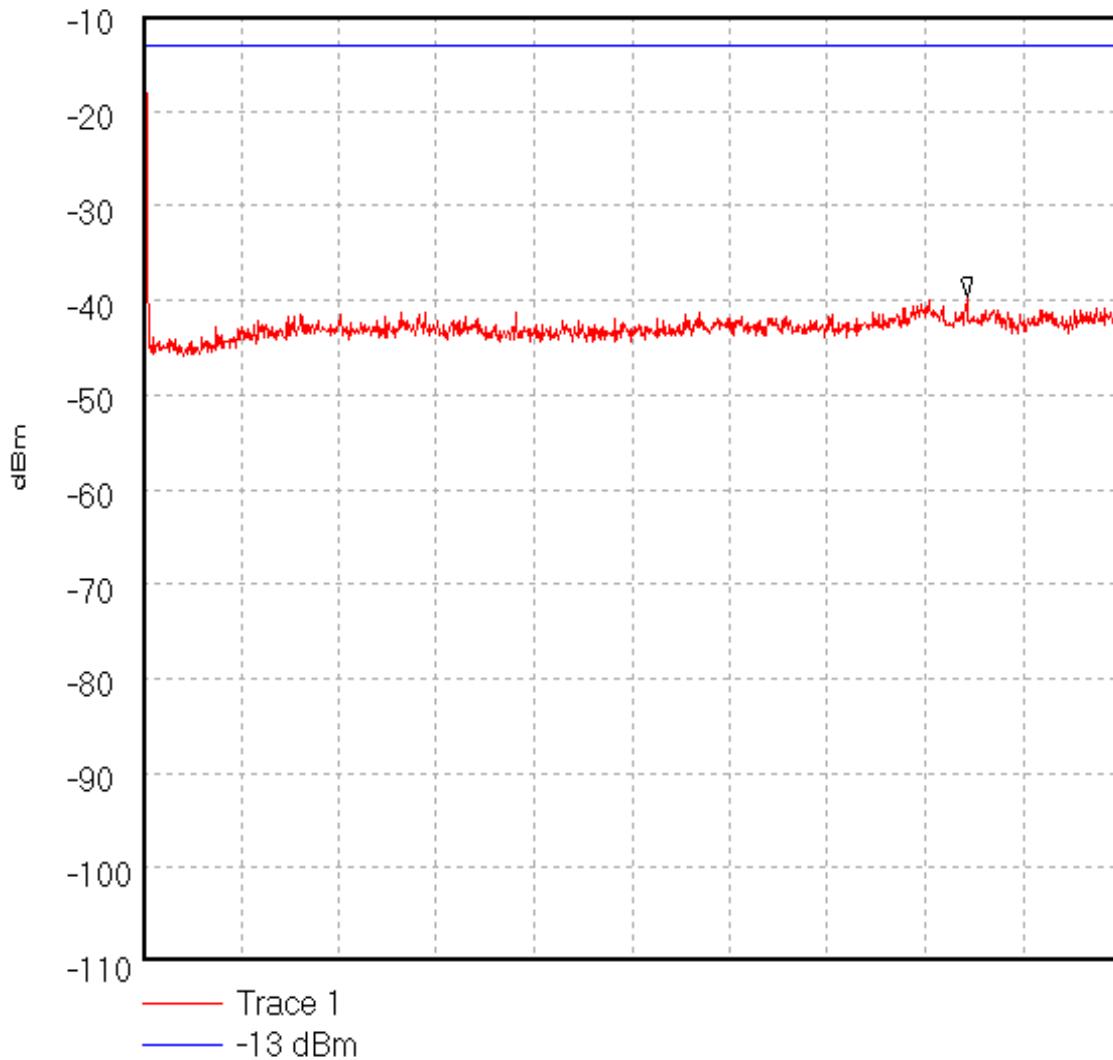
10/11/02 3:22:31 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\004
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 004



Start 1.0 MHz; Stop 1.849 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 1.55948 GHz, -39.65 dBm

Display Line: -13 dBm;

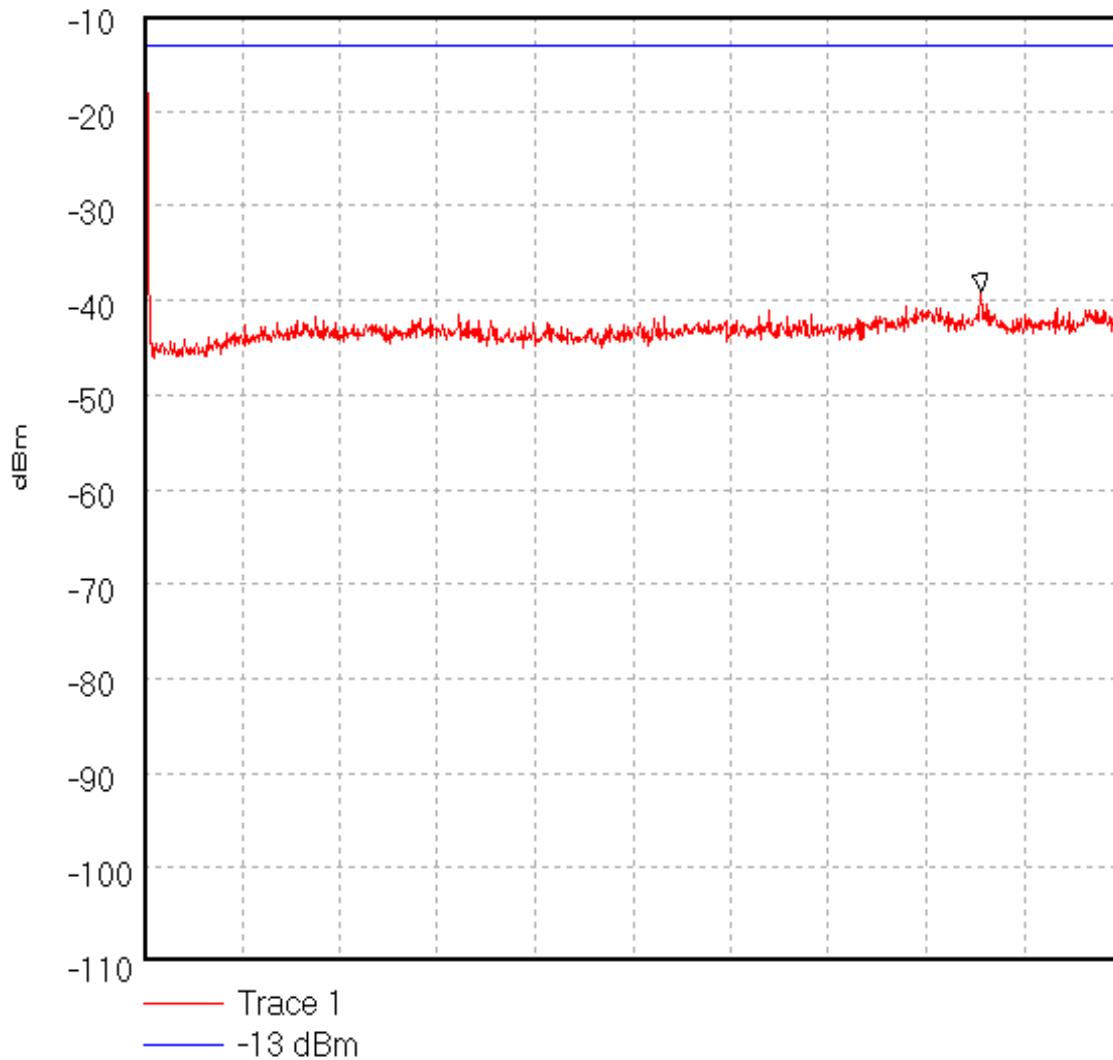
10/11/02 3:26:07 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\005
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 005



Start 1.0 MHz; Stop 1.849 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 1.58412 GHz, -39.05 dBm

Display Line: -13 dBm;

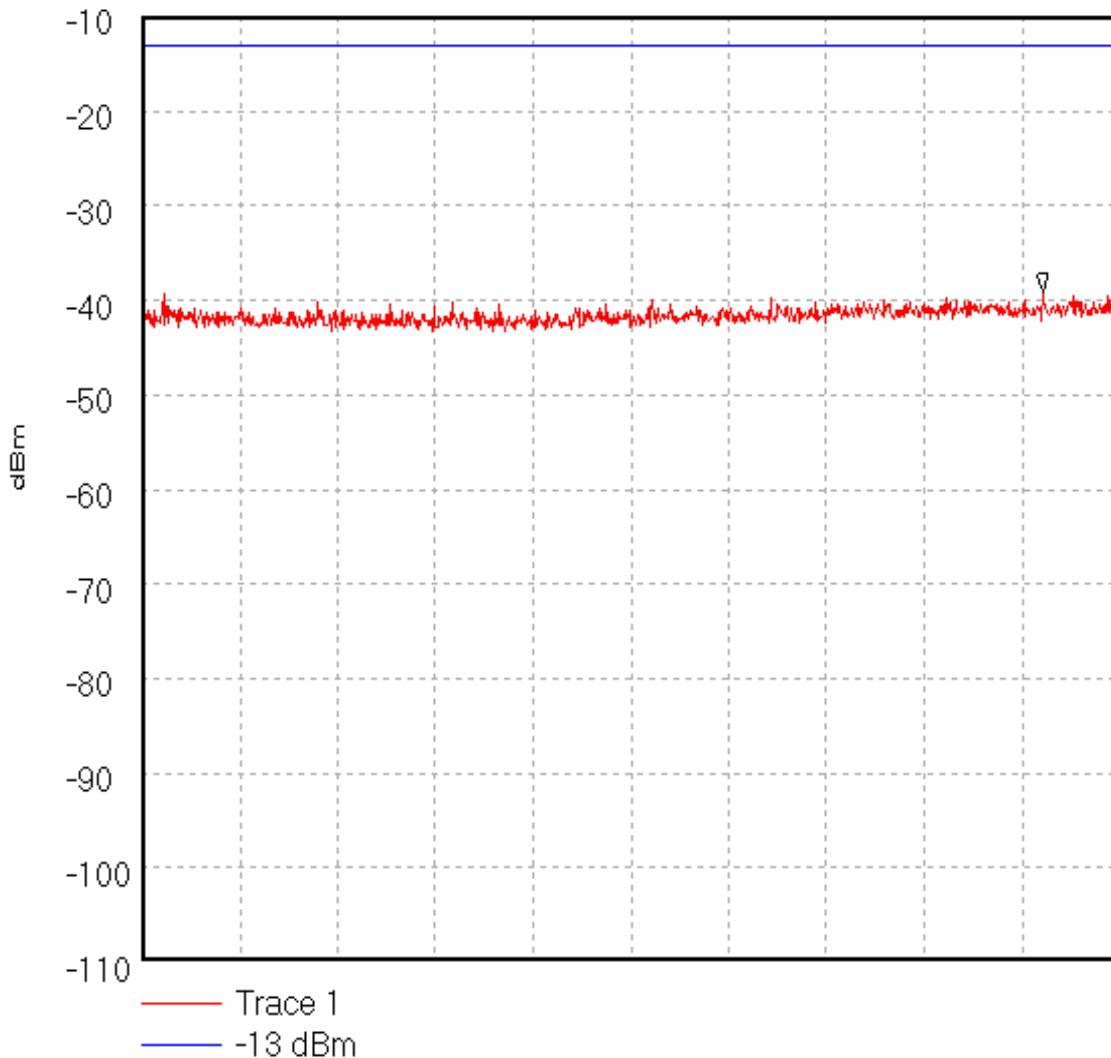
10/11/02 3:27:28 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\006
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 006



Start 1.911 GHz; Stop 2.0 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 1.993078 GHz, -39.17 dBm

Display Line: -13 dBm;

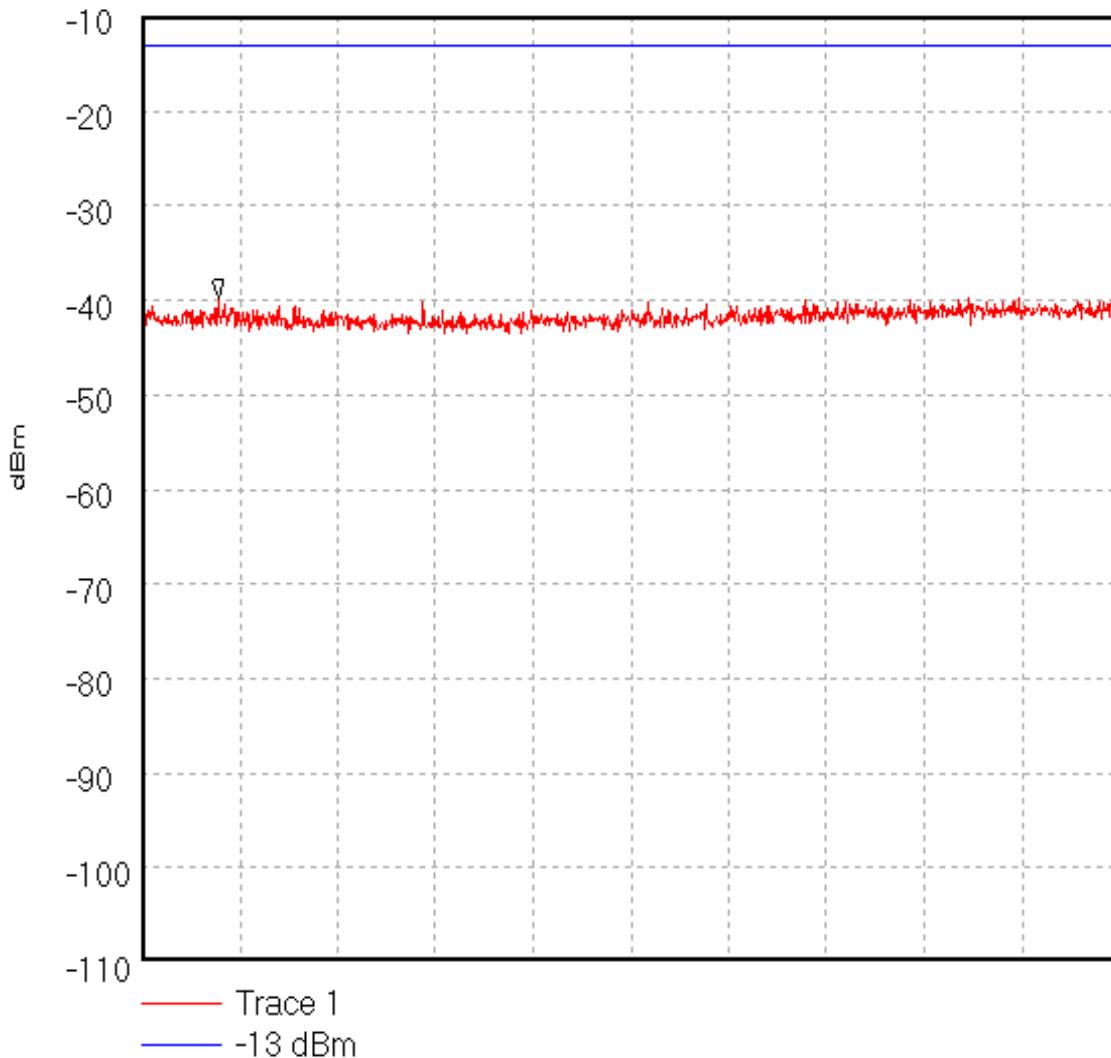
10/11/02 3:29:17 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\007
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 007



Start 1.911 GHz; Stop 2.0 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 1.917922 GHz, -39.76 dBm

Display Line: -13 dBm;

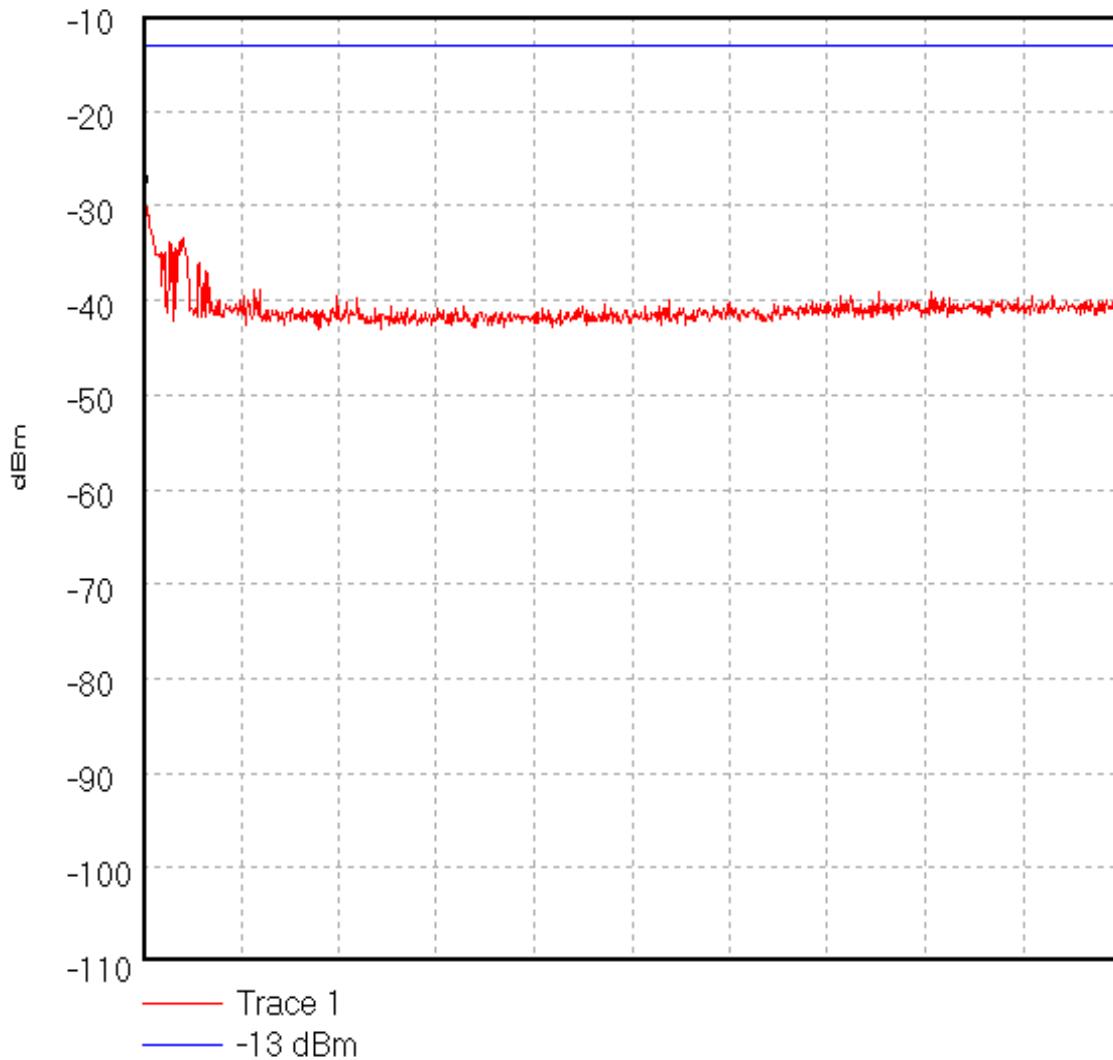
10/11/02 3:30:29 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\008
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 008



Start 1.911 GHz; Stop 2.0 GHz

Ref -10 dBm; Ref Offset 40.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 1.911 GHz, -28.86 dBm

Display Line: -13 dBm;

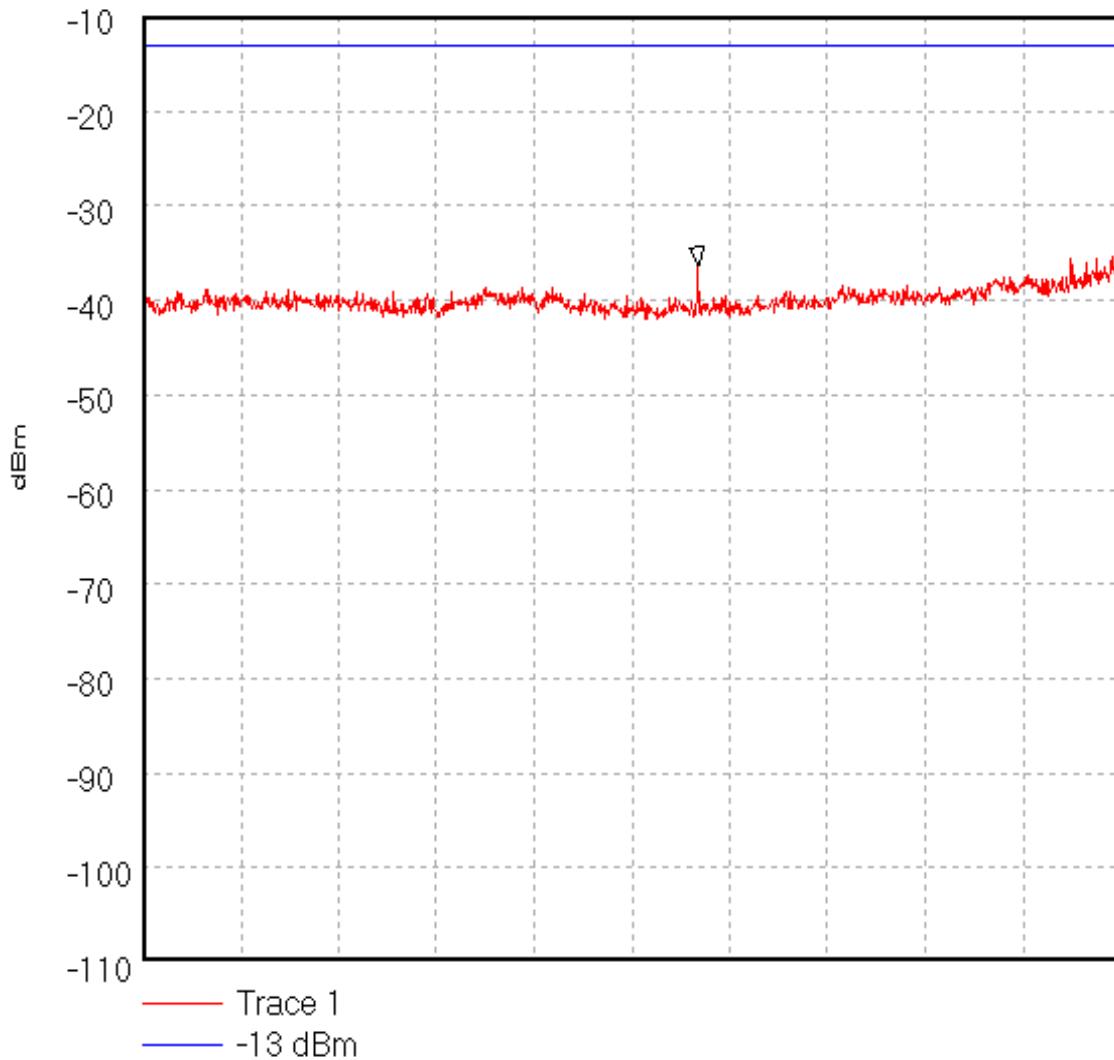
10/11/02 3:35:48 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\009
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 009



Start 2.0 GHz; Stop 5.0 GHz

Ref -10 dBm; Ref Offset 41.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Marker 3.703333 GHz, -36.38 dBm

Display Line: -13 dBm;

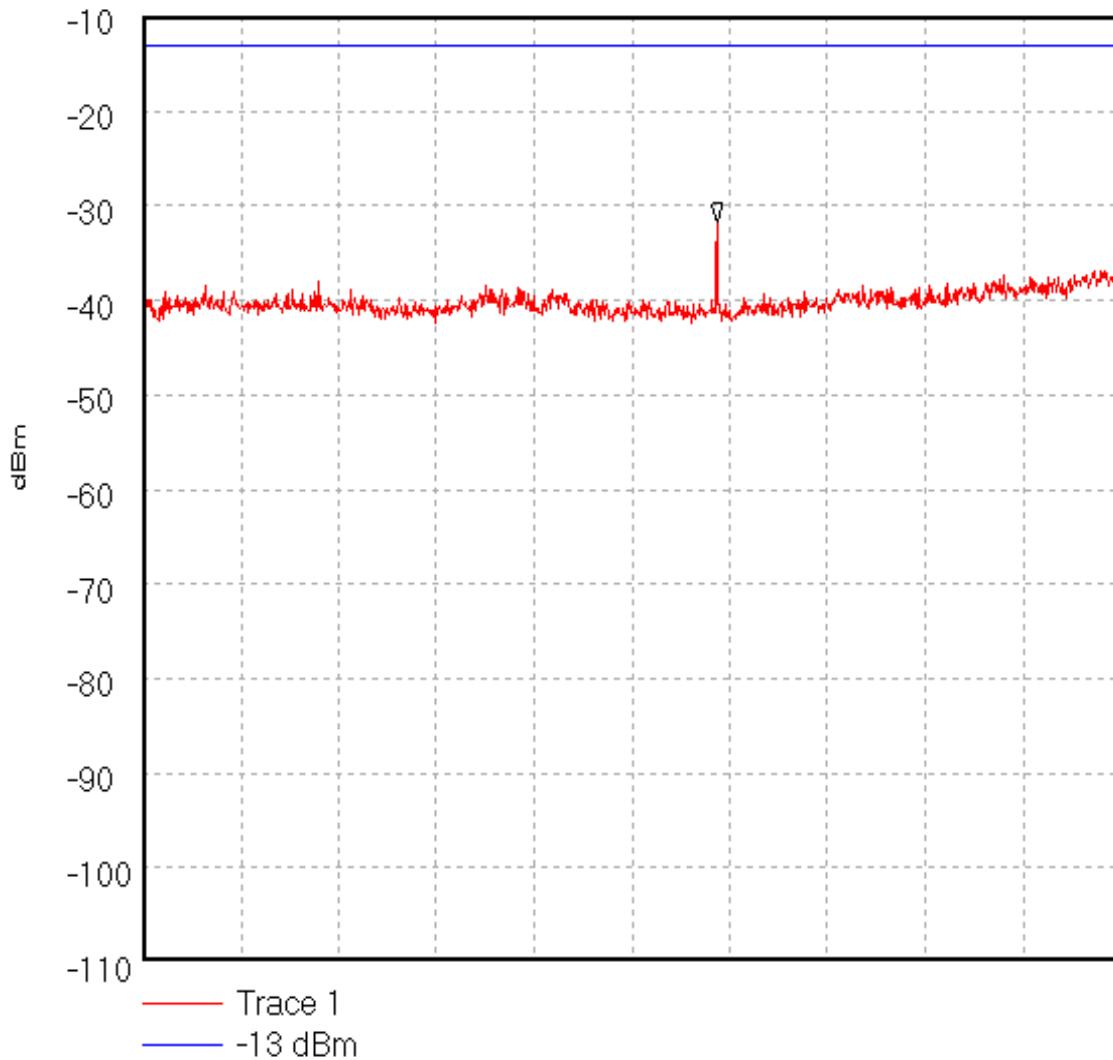
10/11/02 3:43:18 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\010
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 010



Start 2.0 GHz; Stop 5.0 GHz

Ref -10 dBm; Ref Offset 41.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 3.763333 GHz, -31.78 dBm

Display Line: -13 dBm;

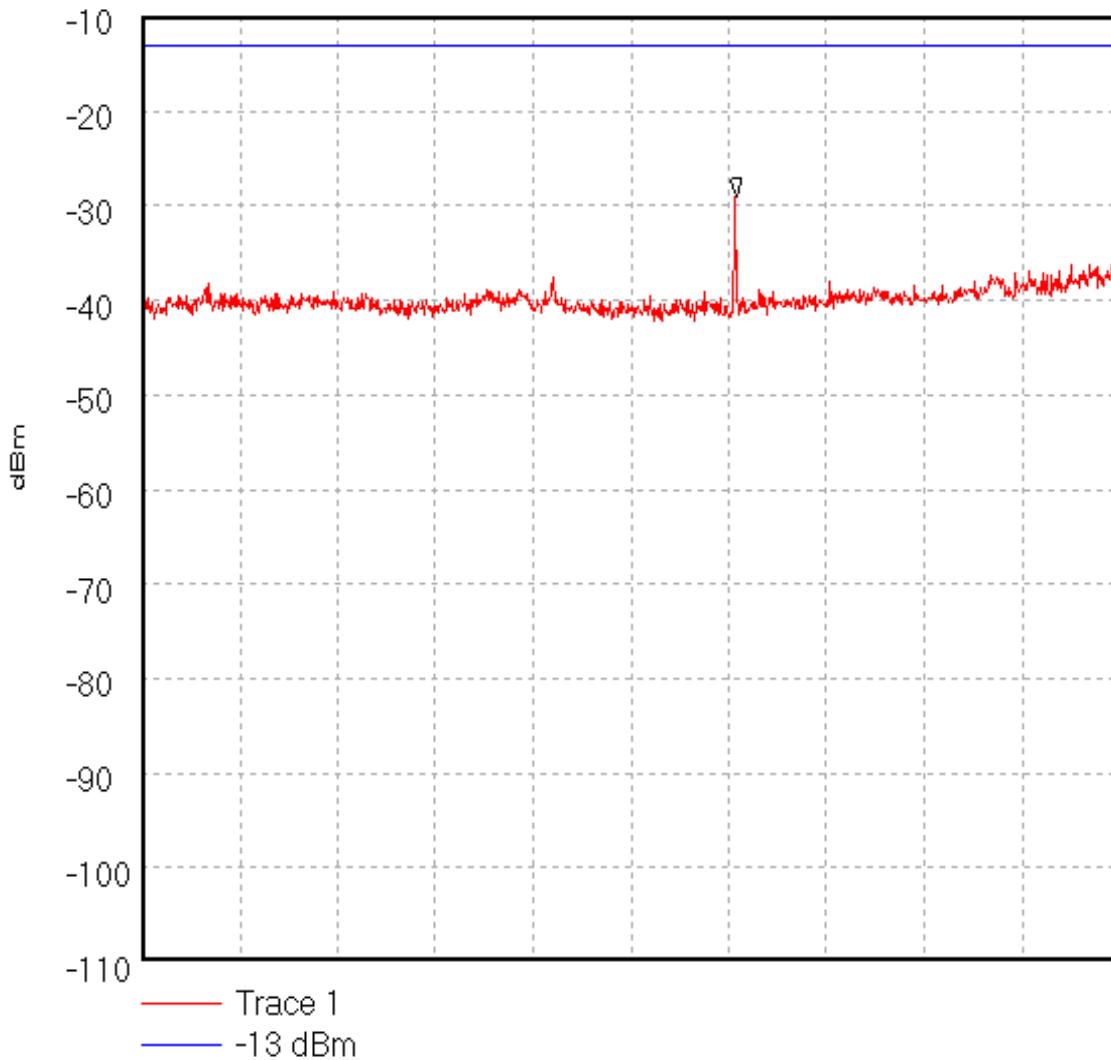
10/11/02 3:45:23 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\011
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 011



Start 2.0 GHz; Stop 5.0 GHz

Ref -10 dBm; Ref Offset 41.6 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 3.823333 GHz, -28.96 dBm

Display Line: -13 dBm;

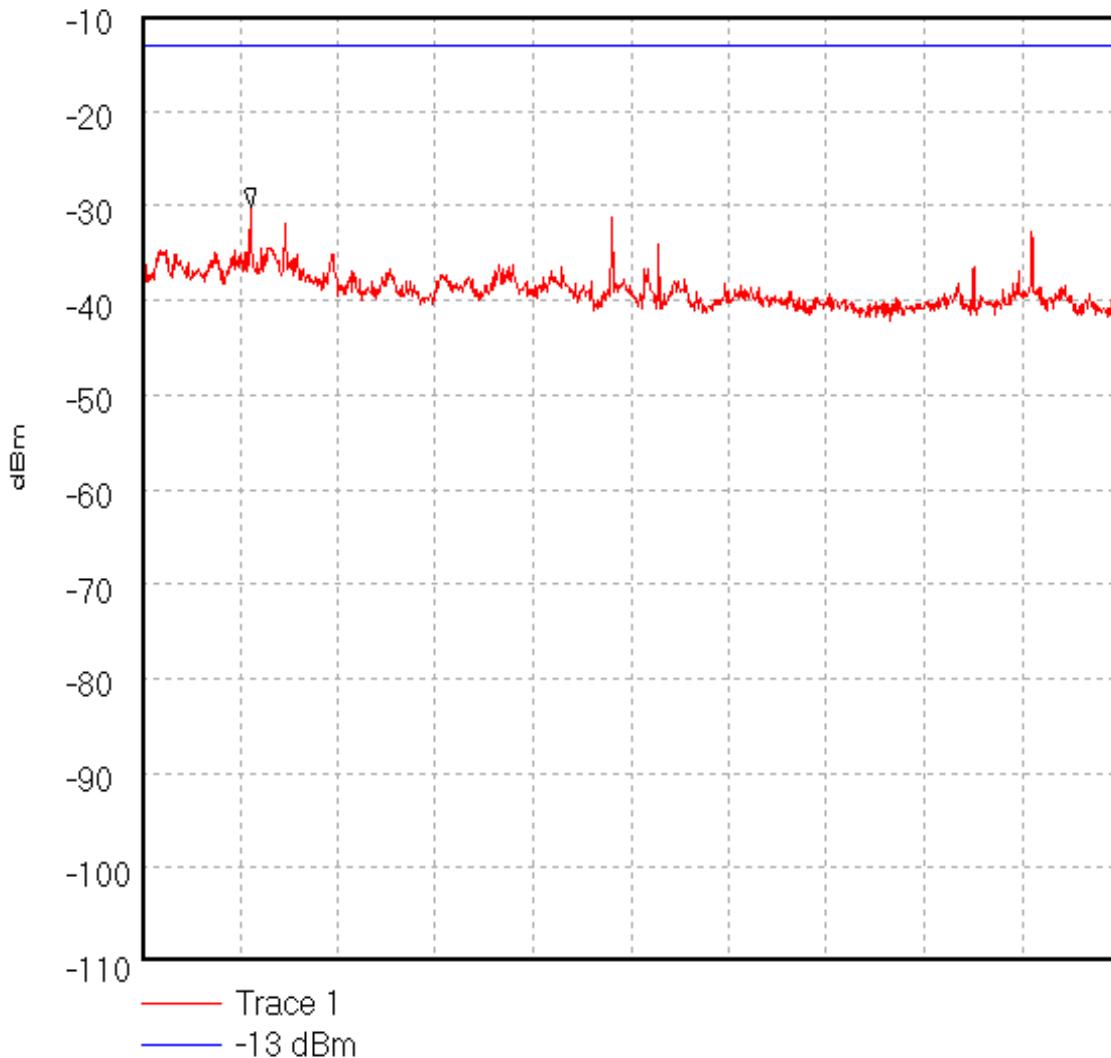
10/11/02 3:46:25 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\012
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 012



Start 5.0 GHz; Stop 10.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 5.555556 GHz, -30.18 dBm

Display Line: -13 dBm;

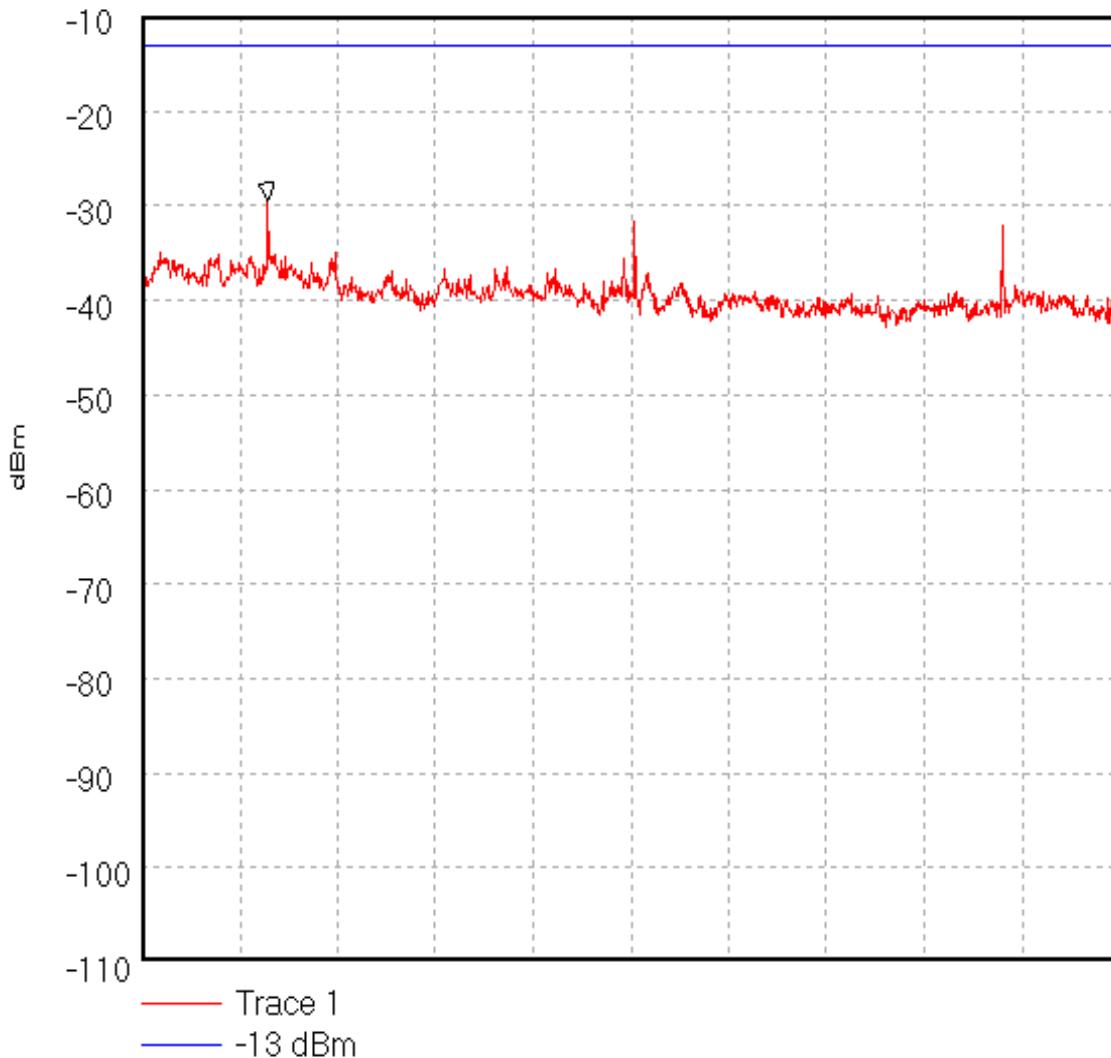
10/11/02 3:48:13 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\013
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 013



Start 5.0 GHz; Stop 10.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 5.644444 GHz, -29.5 dBm

Display Line: -13 dBm;

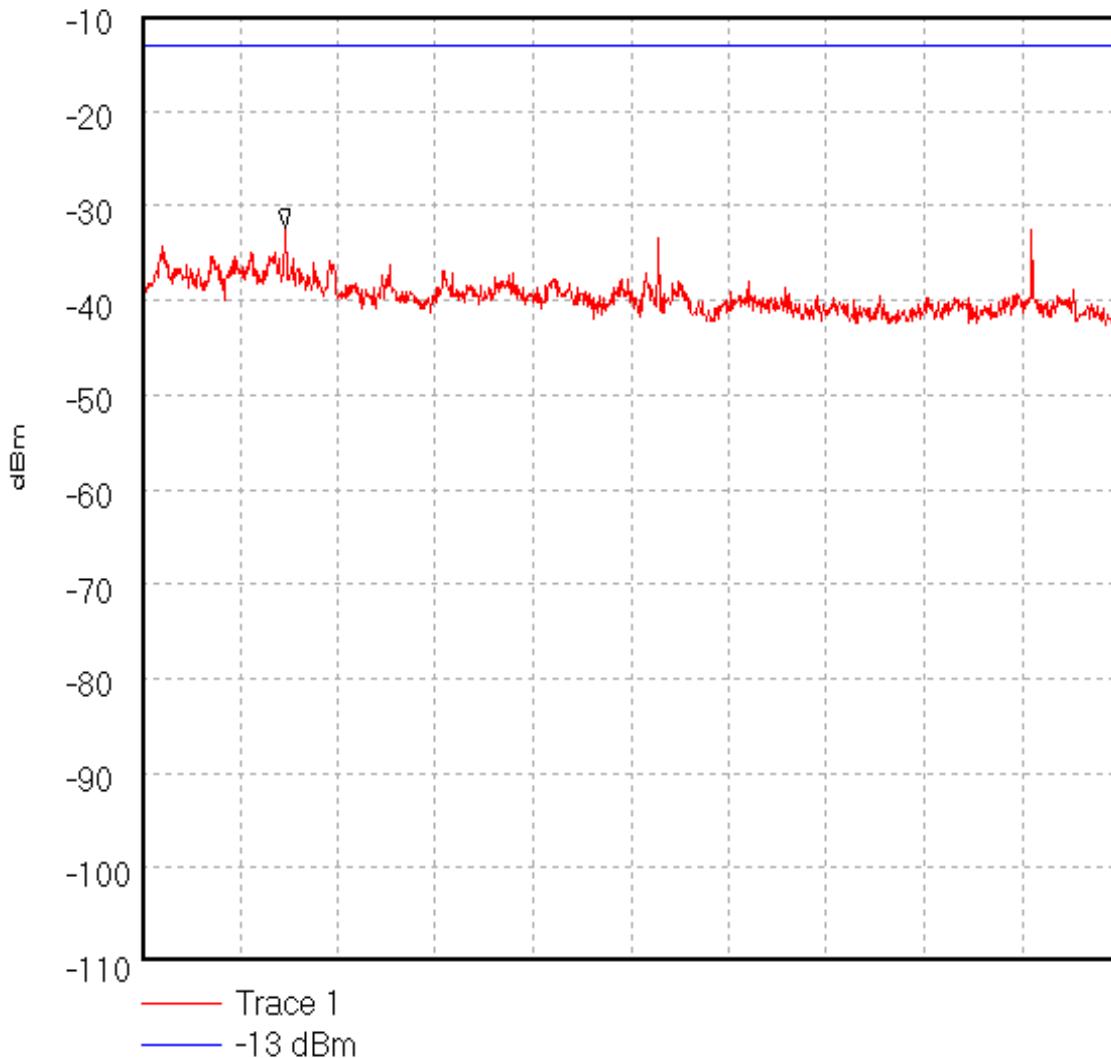
10/11/02 3:49:01 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\014
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 014



Start 5.0 GHz; Stop 10.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 5.733333 GHz, -32.24 dBm

Display Line: -13 dBm;

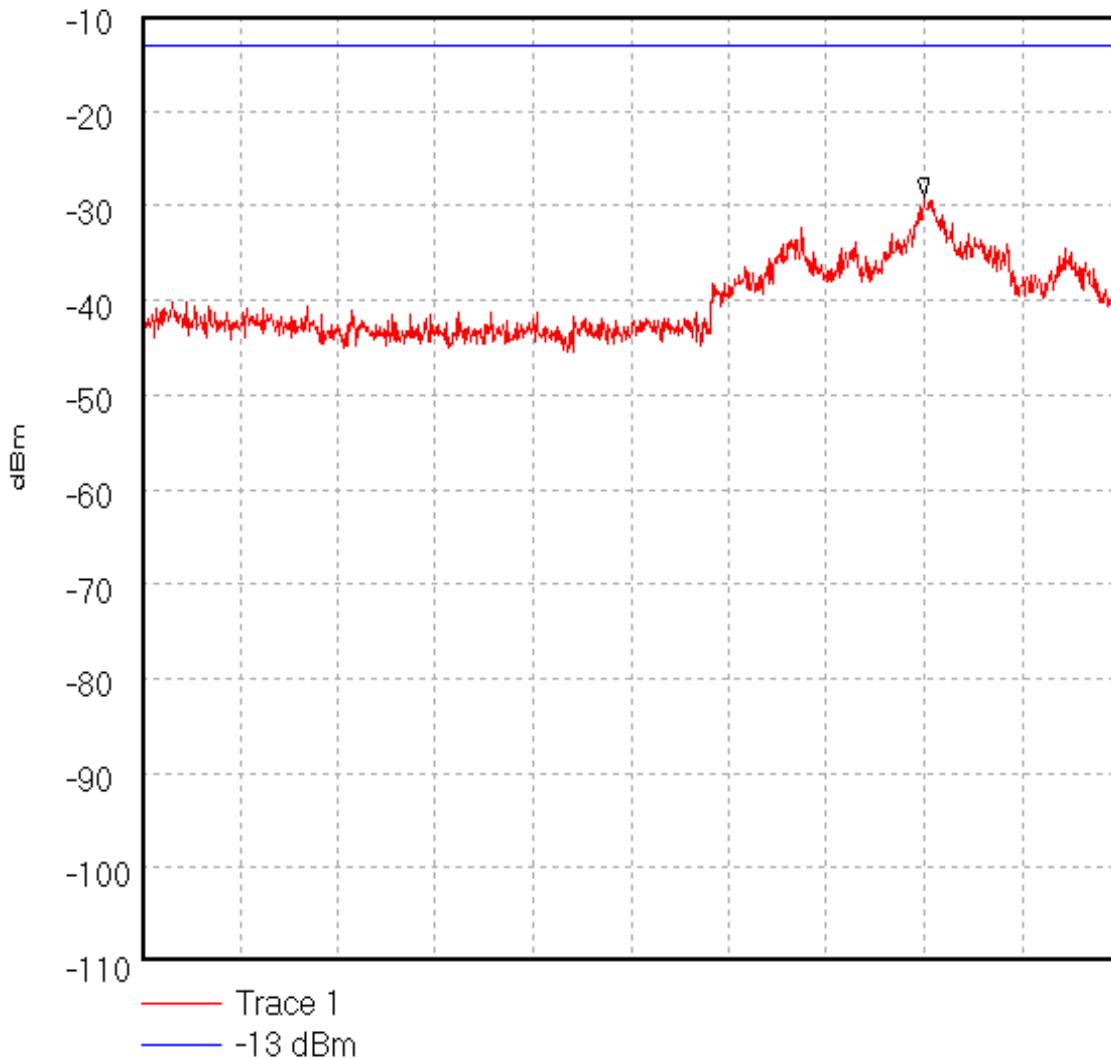
10/11/02 3:49:35 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\015
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 015



Start 10.0 GHz; Stop 15.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 14.0 GHz, -28.99 dBm

Display Line: -13 dBm;

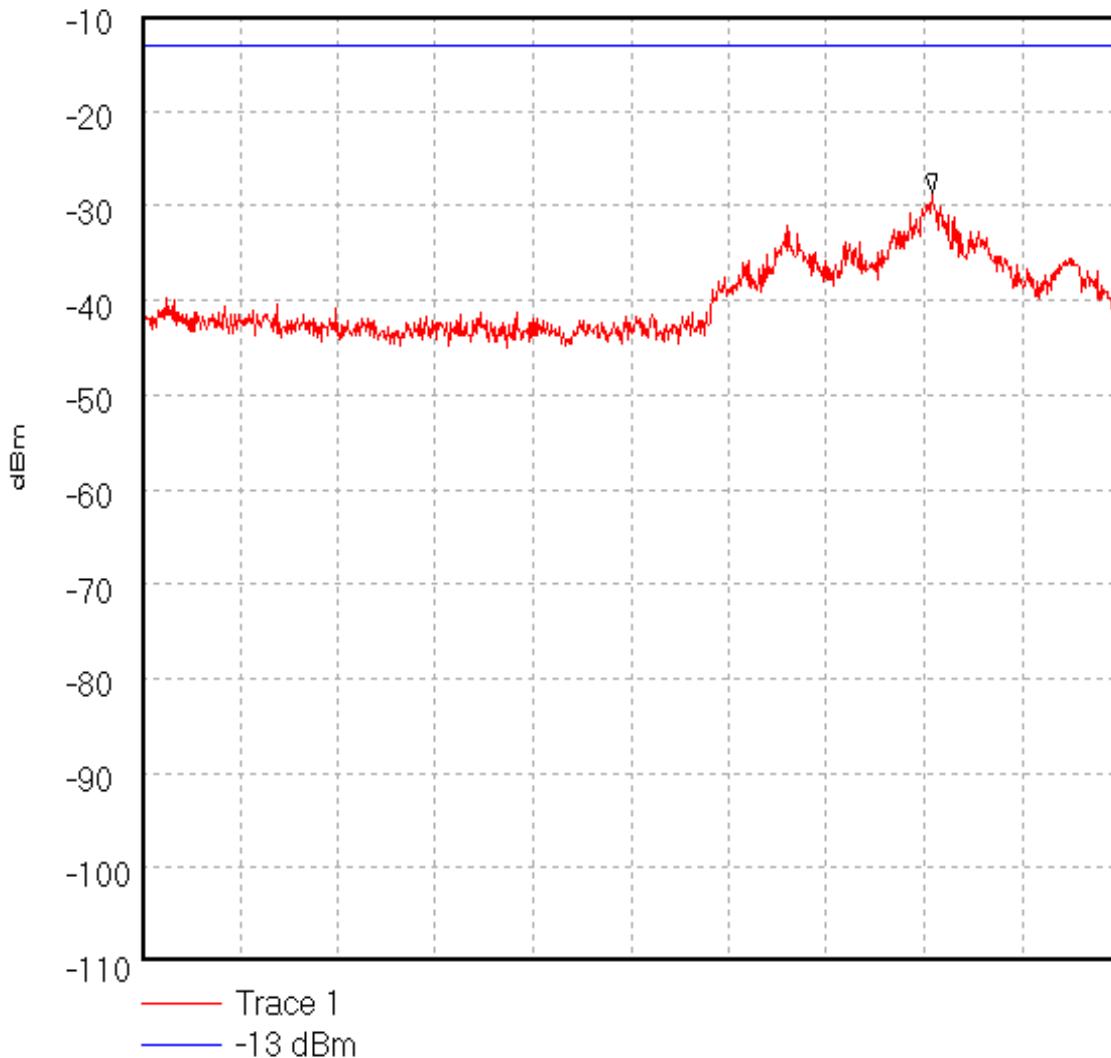
10/11/02 3:50:36 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\016
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 016



Start 10.0 GHz; Stop 15.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 14.044444 GHz, -28.66 dBm

Display Line: -13 dBm;

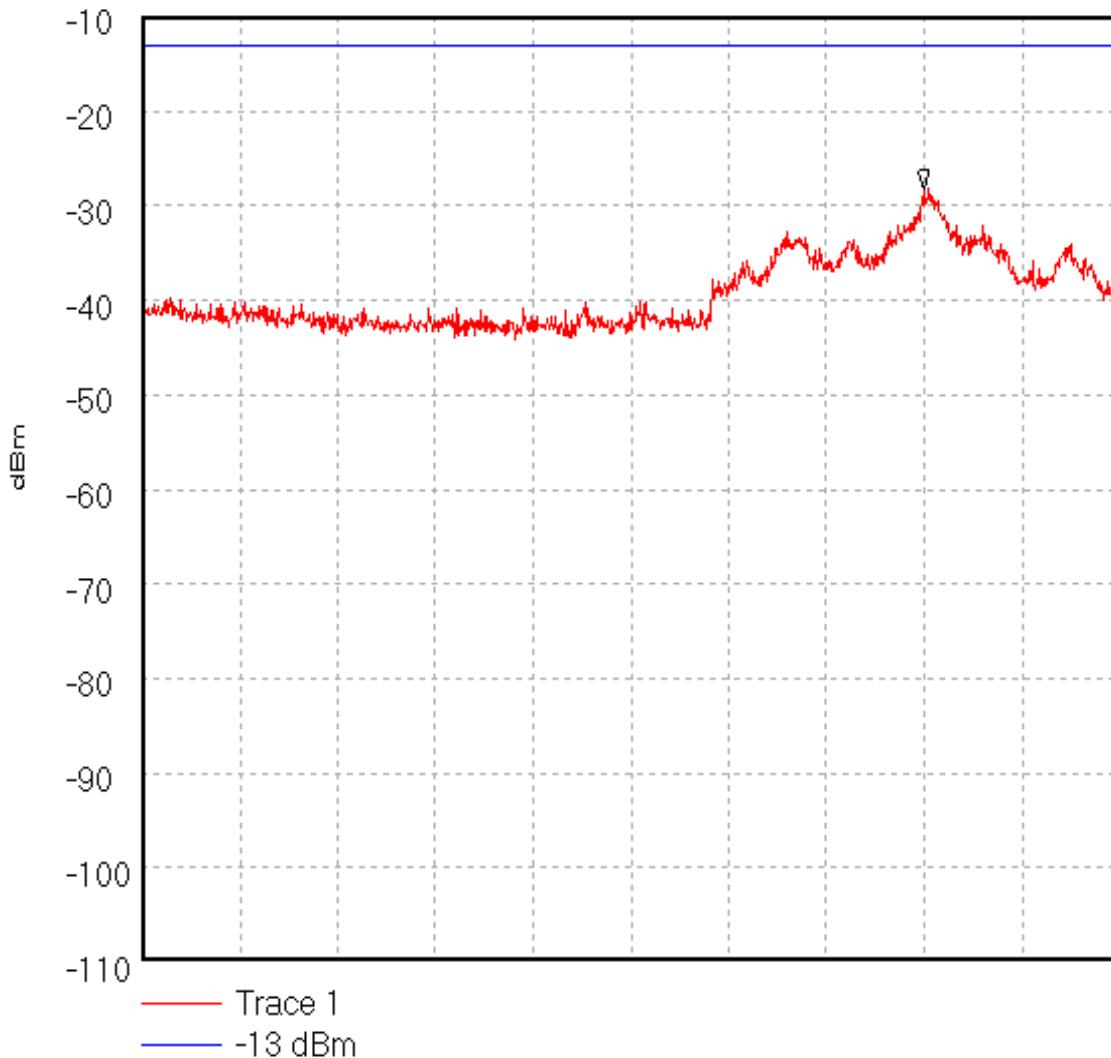
10/11/02 3:51:12 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\017
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 017



Start 10.0 GHz; Stop 15.0 GHz

Ref -10 dBm; Ref Offset 45.1 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 14.0 GHz, -28.25 dBm

Display Line: -13 dBm;

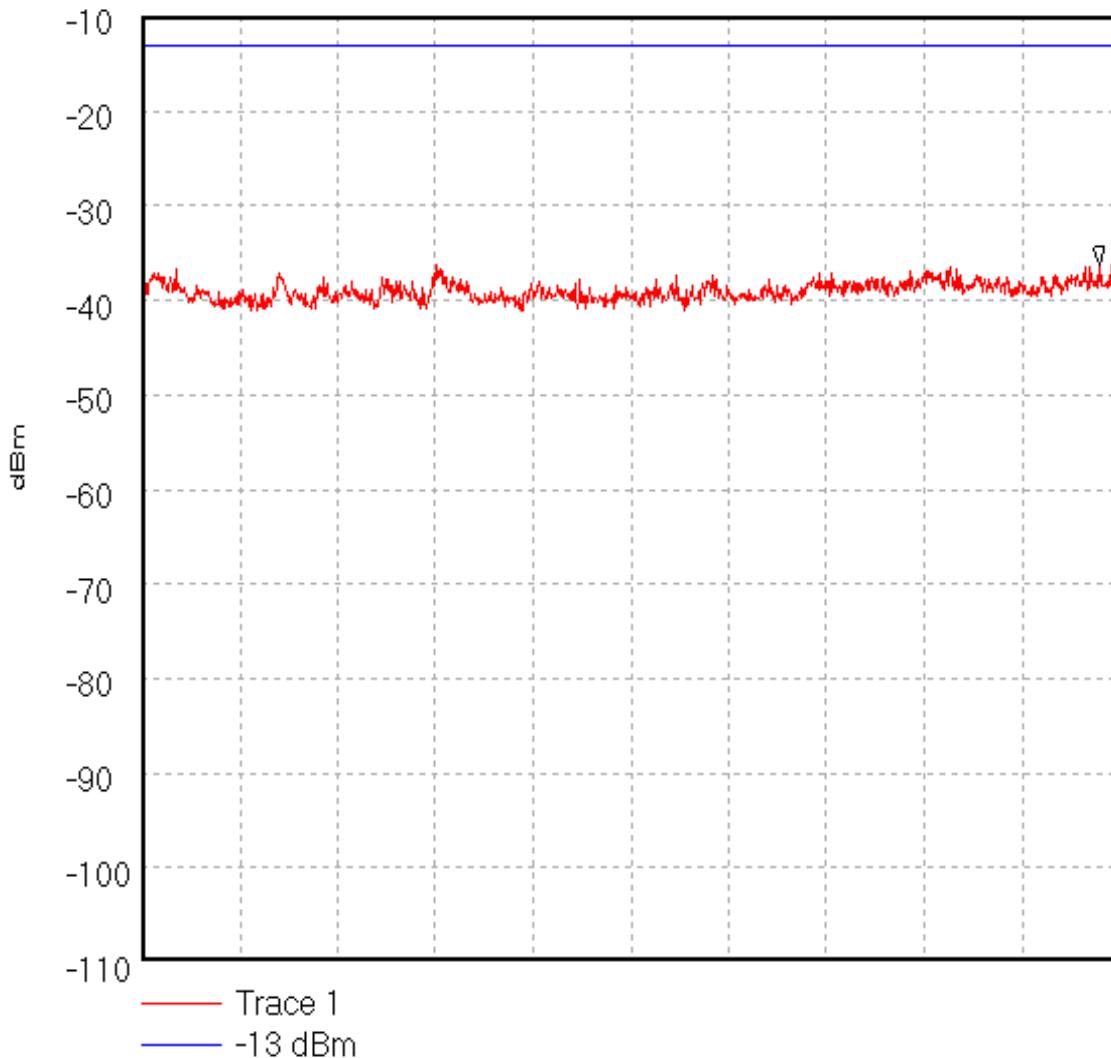
10/11/02 3:52:21 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\018
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Bottom Channel.

43987JD03ce 018



Start 15.0 GHz; Stop 20.0 GHz

Ref -10 dBm; Ref Offset 43.7 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 19.9 GHz, -36.2 dBm

Display Line: -13 dBm;

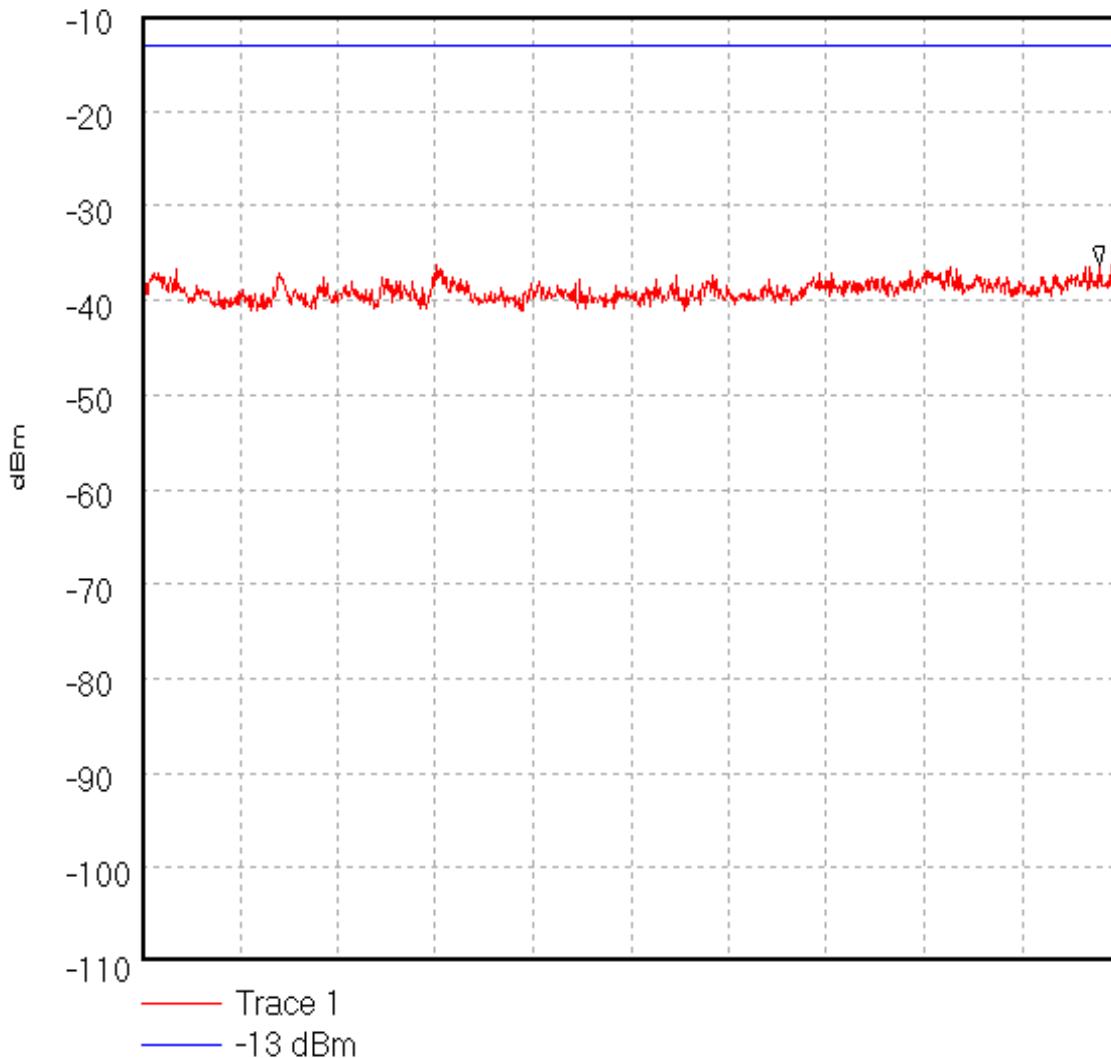
10/11/02 3:54:03 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\019
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Middle Channel.

43987JD03ce 019



Start 15.0 GHz; Stop 20.0 GHz

Ref -10 dBm; Ref Offset 43.7 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 19.9 GHz, -36.2 dBm

Display Line: -13 dBm;

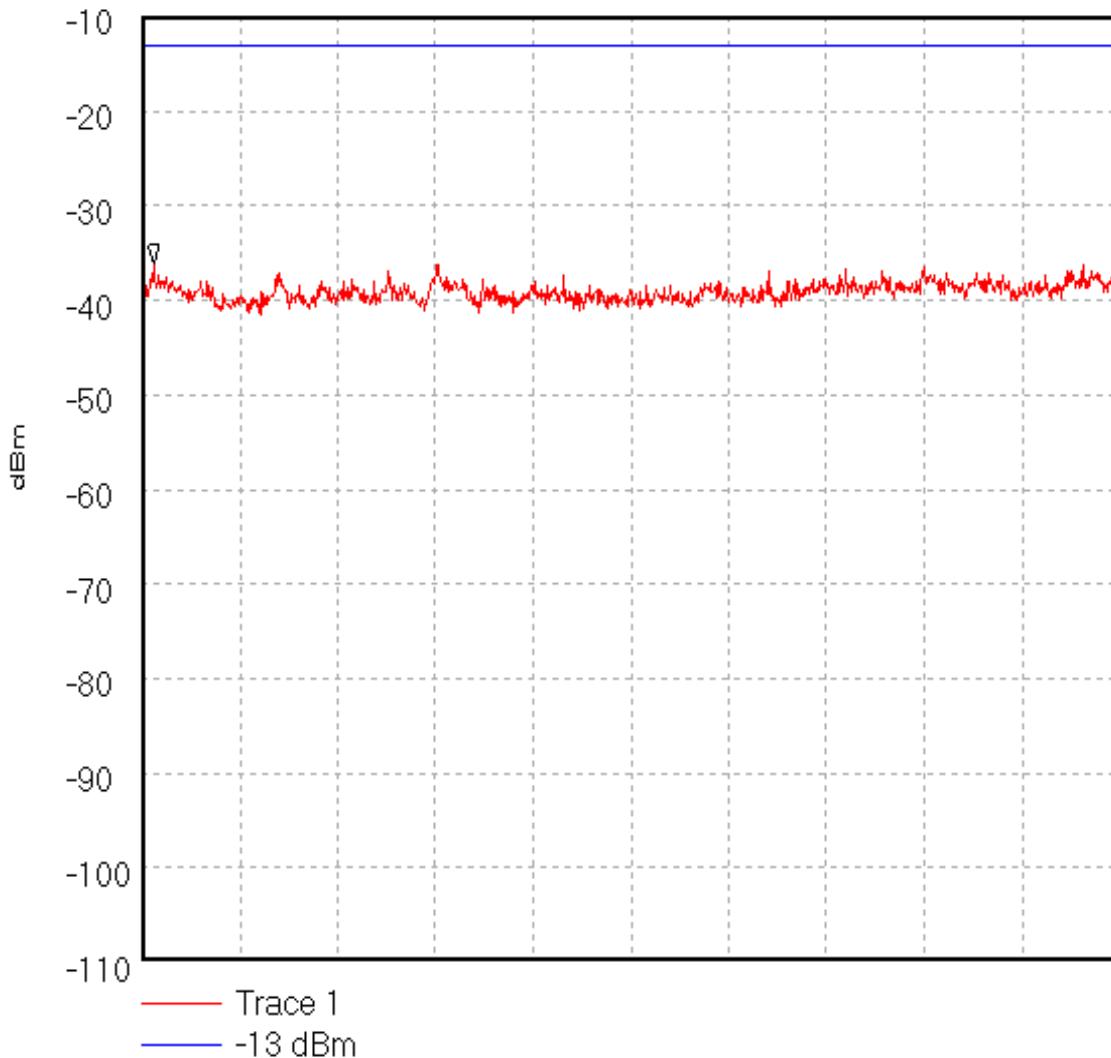
10/11/02 3:54:37 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03ce\020
Test for Sendo of Z100 ms.
Operating Condition:- Allocated Top Channel.

43987JD03ce 020



Start 15.0 GHz; Stop 20.0 GHz

Ref -10 dBm; Ref Offset 43.7 dB; 10 dB/div

RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS

Peak 15.061111 GHz, -36.13 dBm

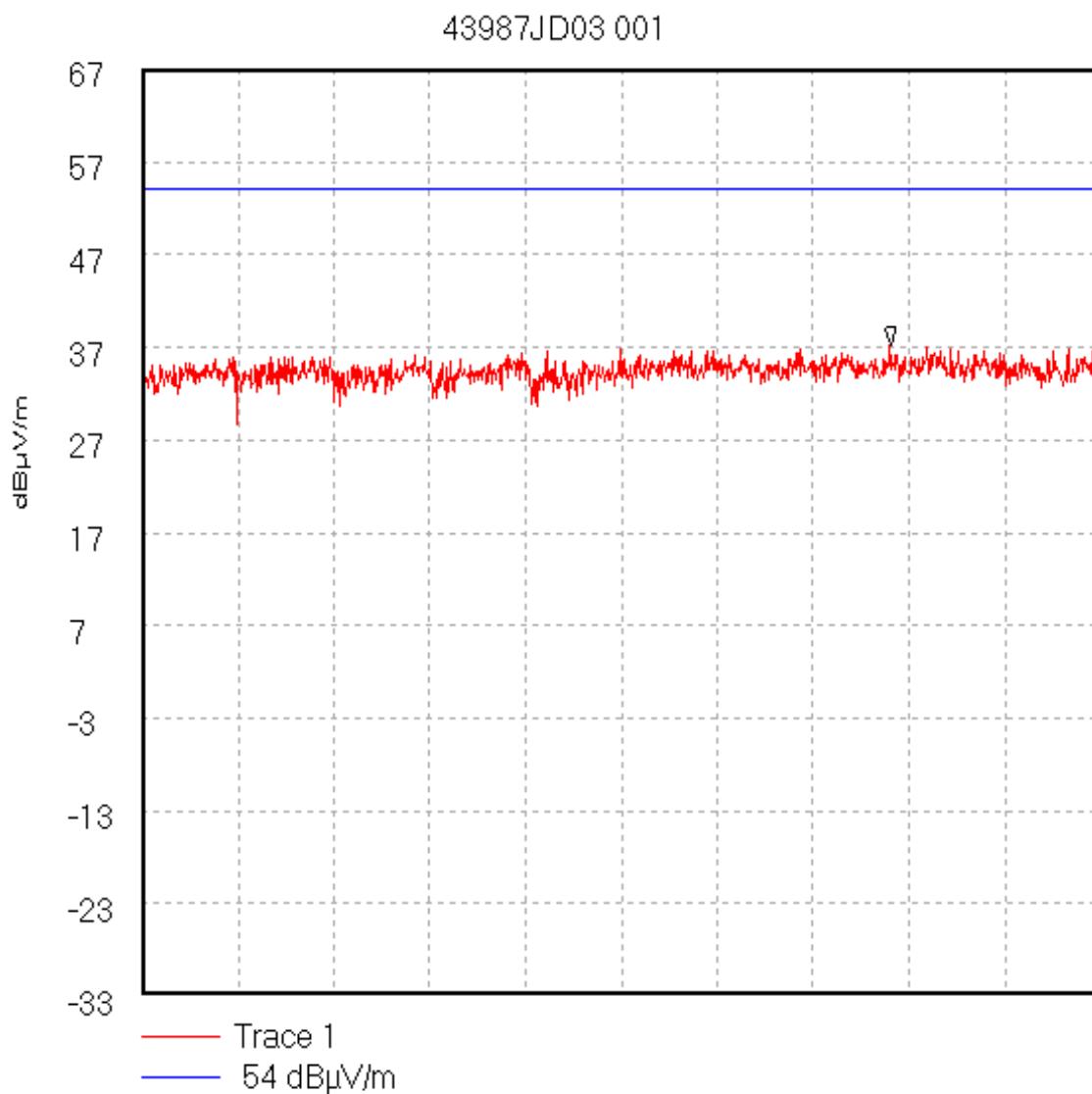
Display Line: -13 dBm;

10/11/02 3:55:20 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\001
FCC 15.109 Receive Mode 4GHz to 6GHz



Start 4.0 GHz; Stop 6.0 GHz

Ref 67 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 3.0 MHz; Att 5 dB; Swp 20.0 mS

Peak 5.562 GHz, 37.27 dB μ V/m

Display Line: 54 dB μ V/m; Limit Test Passed

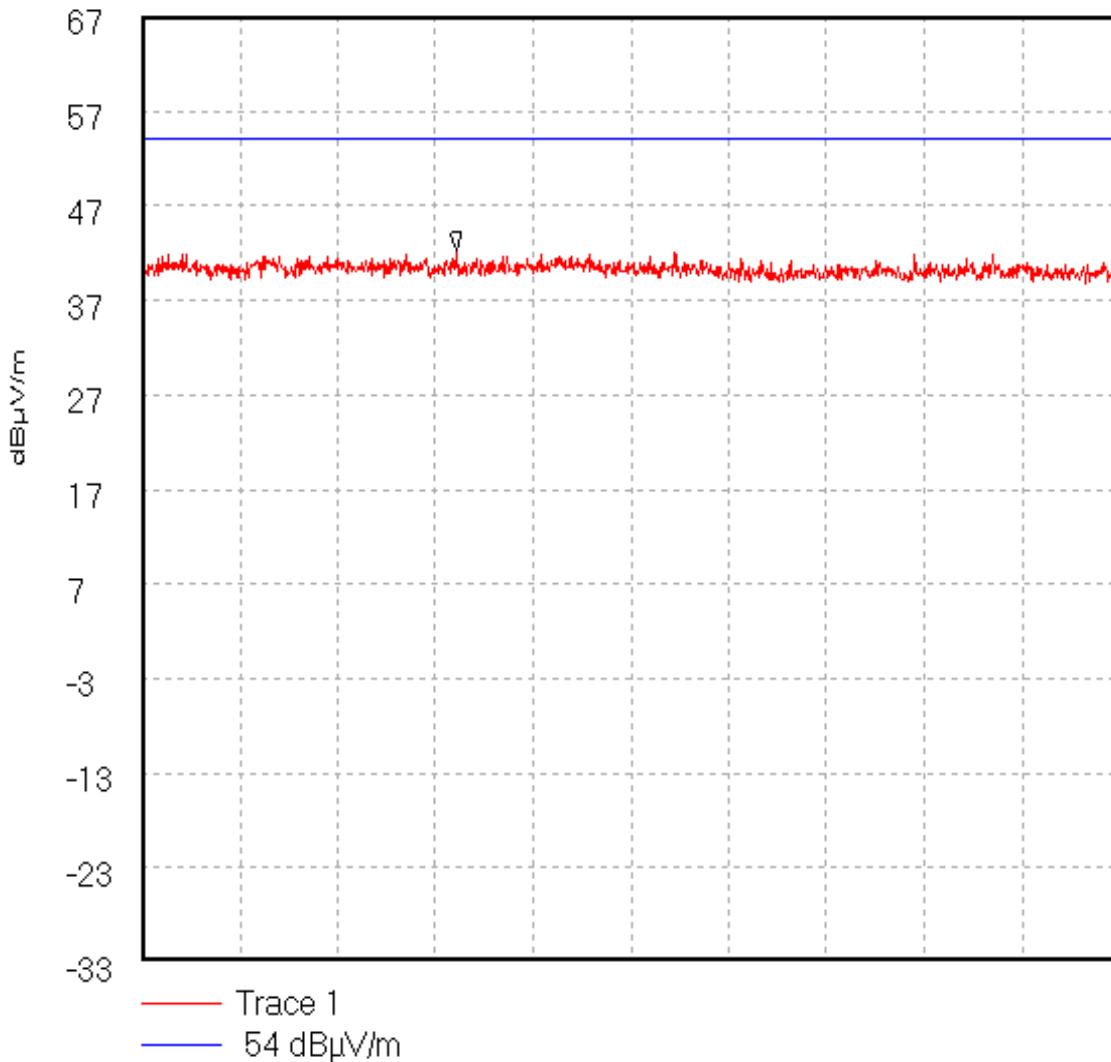
9/20/02 6:44:57 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\002
FCC 15.109 Receive Mode 6GHz to 8GHz

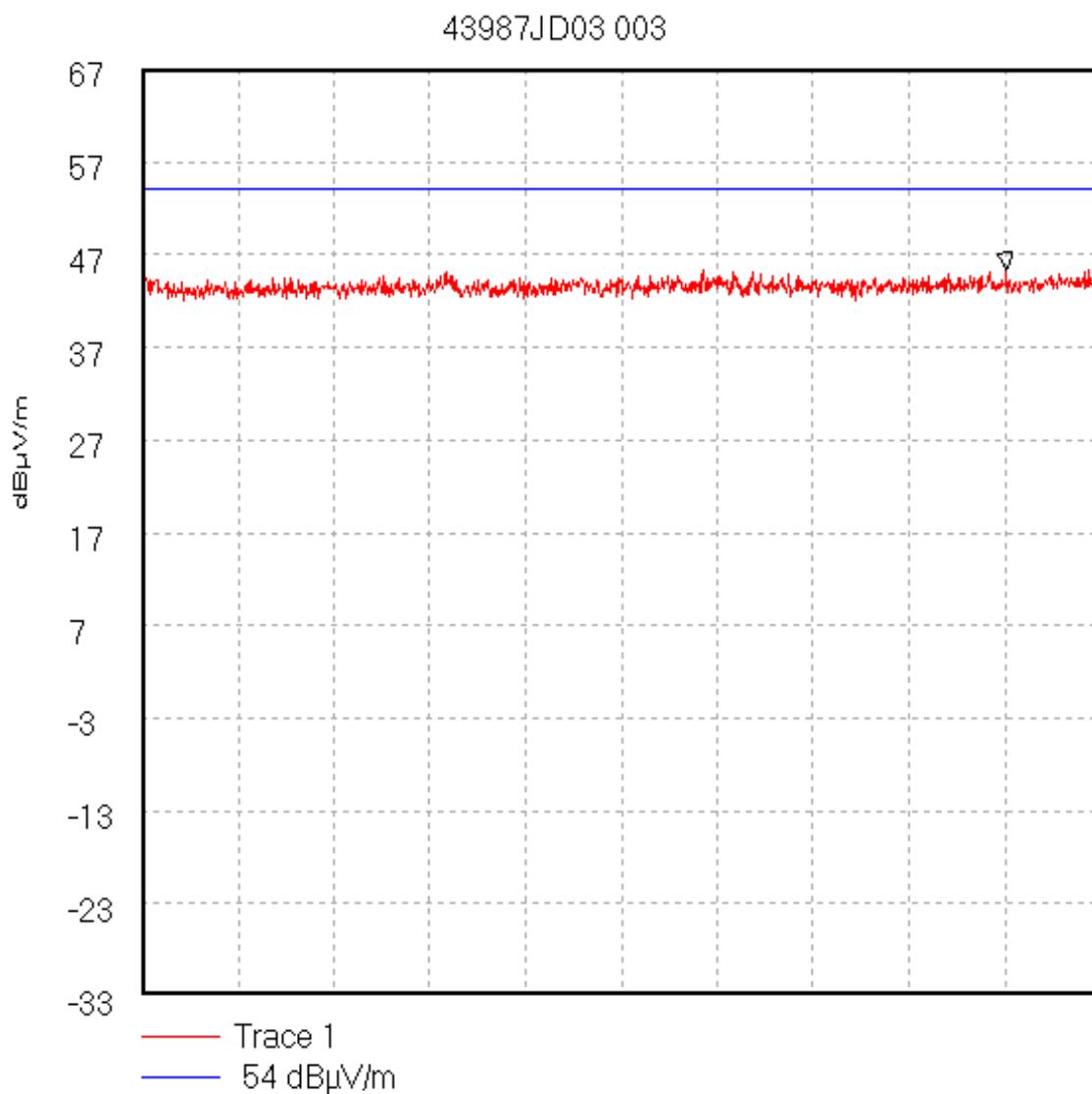
43987JD03 002



Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\003
FCC 15.109 Receive Mode 8GHz to 12.75GHz



Start 8.0 GHz; Stop 12.75 GHz

Ref 67 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 3.0 MHz; Att 5 dB; Swp 40.0 mS

Peak 12.286 GHz, 45.37 dB μ V/m

Display Line: 54 dB μ V/m; Limit Test Passed

9/20/02 6:53:10 PM

Operations Department

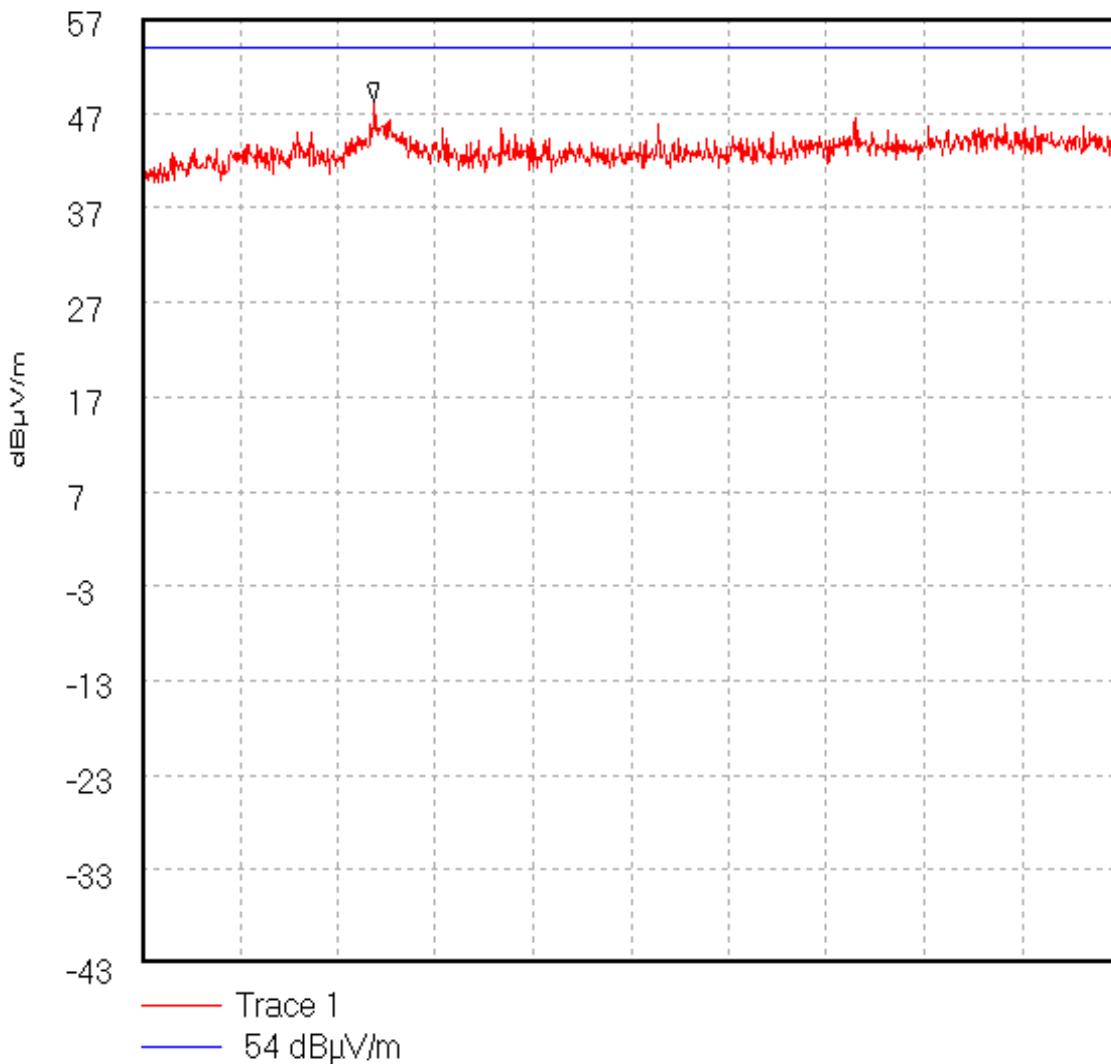
Test Of: Sendo Ltd.

Z100 PCS Mobile Telephone

To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\004
FCC 15.109 Receive Mode 12.75GHz to 18GHz

43987JD03 004



Start 12.75 GHz; Stop 18.0 GHz

Ref 57 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 3.0 MHz; Att 5 dB; Swp 40.0 mS

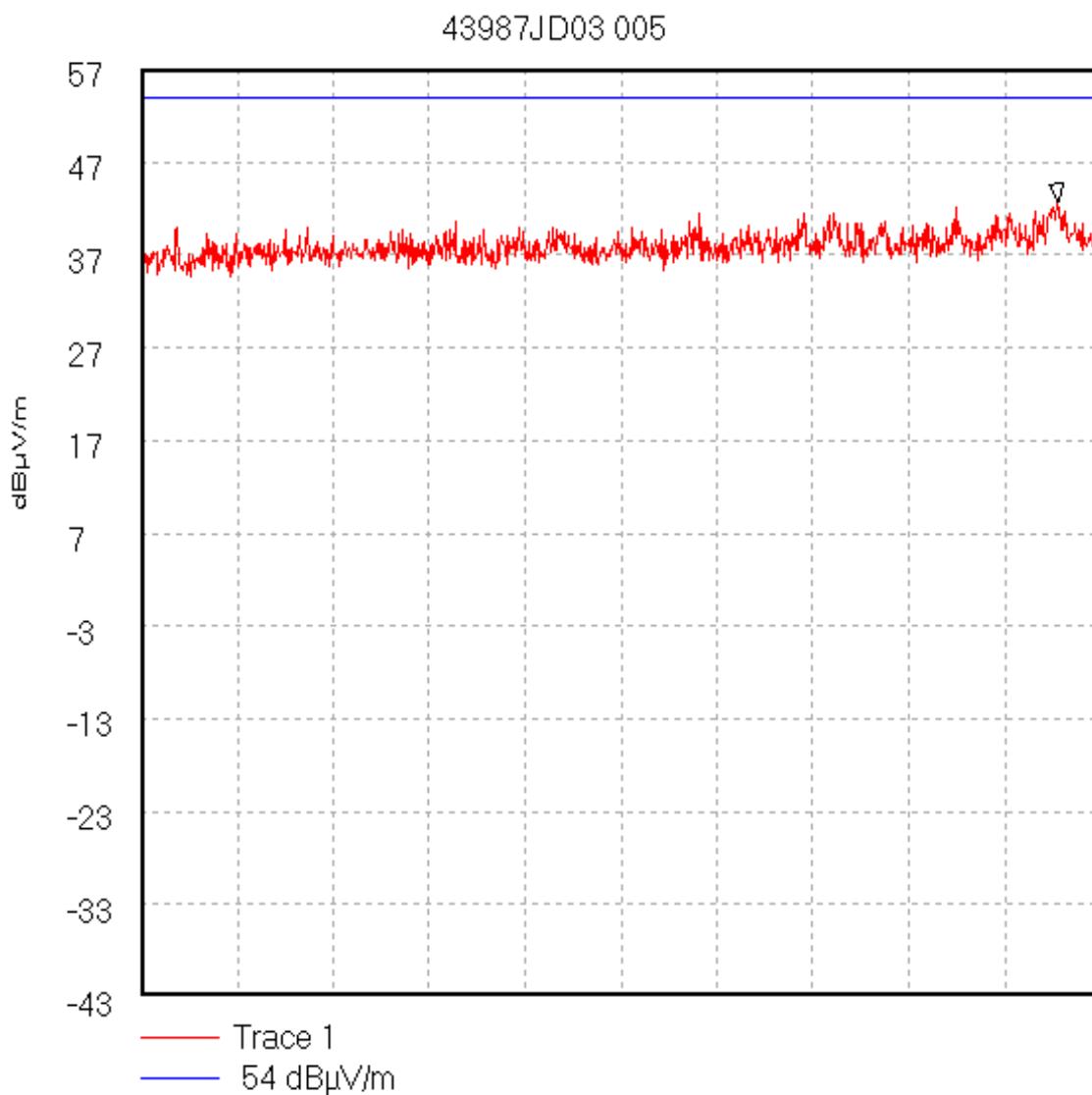
Peak 13.998 GHz, 48.22 dB μ V/mDisplay Line: 54 dB μ V/m; Limit Test Passed

9/20/02 6:58:08 PM

Operations Department

Test Of: Sendo Ltd.
Z100 PCS Mobile Telephone
To: FCC Part 24: 2001 and FCC Part 15: 2001

GPH\43987JD03\005
FCC 15.109 Receive Mode 18GHz to 26.5GHz



Start 18.0 GHz; Stop 26.5 GHz

Ref 57 dB μ V/m; Ref Offset 0.0 dB; 10 dB/div

RBW 1.0 MHz; VBW 3.0 MHz; Att 5 dB; Swp 60.0 mS

Peak 26.122 GHz, 42.68 dB μ V/m

Display Line: 54 dB μ V/m; Limit Test Passed

9/20/02 7:00:22 PM