

Re: FCC ID:AEZSCP-56H
Applicant: Sanyo Electric Co Ltd
Correspondence Number: 22746
731 Confirmation Number: TC419678
Date of Original E-Mail: 08/29/2005

Subject: Request for additional information

1) Please discuss validation results compared to expected values for AM and WD modulations.

Please see attached revised report with discussion on validation results.

2) Please repeat -20 dBm power measurement for WD signal. To validate "channel power" method please compare with 0 span method as used for AM and CW signal.

Please see attached report with corrected validation taken at the power level of the wireless device.

3) Please provide additional information on contour plots. Please show exclusion blocks (possibly on the numerical result grid). Also please provide full measurement information such as system settings e.g. crest factor settings.

Please see attached revised report with data plots. No exclusion blocks were used in the evaluation of the data.

4) Please show location of rotation corresponding to figure 31 data.

Please see a "zoomed in" photograph of the location of rotation (marked with an "x") below:



5) Please provide contour plots for antenna in configurations.

Please see attached pages with contour plots for antenna in configurations.

6) Please describe "mini-SD" as used in the results table.

This device was evaluated at the worst-case condition with and without a mini-SD media card inserted in the device. The model used for testing was a Sandisk 128MB mini-SD card.

7) Please update the report to include the h field Z axis plot to correspond to figure 6.

Please see attached revised report including the h field Z axis plot to correspond to figure 6.



PCTEST Hearing-Aid Compatability Facility

DUT: SCP-5600

Type: SANYO Tri Mode Phone

Serial: F798E3DE

Backlight off

Duty Cycle: 1:1

Communication System: Cellular CDMA; Frequency: 835.89 MHz;

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2332; Calibrated: 1/31/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn637; Calibrated: 9/22/2004
- Phantom: HAC Phantom; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.5 Build 19;

Mid Channel (Antenna In)/Hearing Aid Compatibility Test (251x251x1): Measurement

grid: dx=2mm, dy=2mm

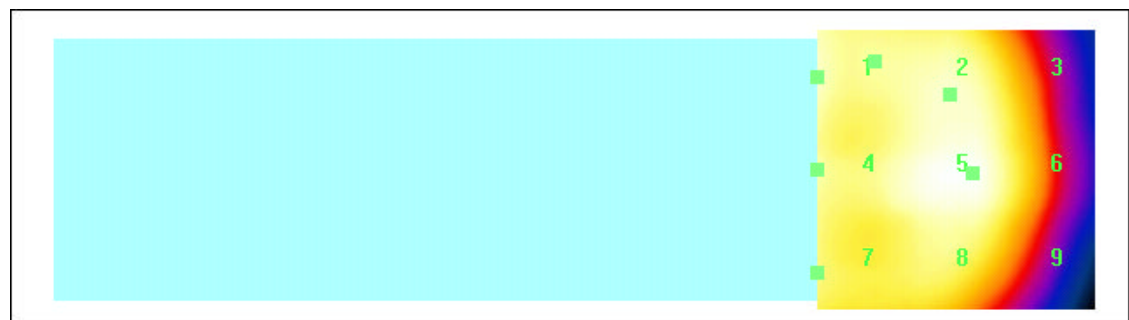
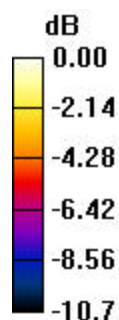
Maximum value of Total field (slot averaged) = 45.4 V/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

E in V/m (Time averaged) E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3
42.8	42.8	37.4
Grid 4	Grid 5	Grid 6
42.7	45.4	39.7
Grid 7	Grid 8	Grid 9
39.2	41.7	35.6

Grid 1	Grid 2	Grid 3
42.8	42.8	37.4
Grid 4	Grid 5	Grid 6
42.7	45.4	39.7
Grid 7	Grid 8	Grid 9
39.2	41.7	35.6



0 dB = 45.4V/m



PCTEST Hearing-Aid Compatibility Facility

DUT: SCP-5600

Type: SANYO Tri Mode Phone

Serial: F798E3DE

Backlight off

Duty Cycle: 1:1

Communication System: PCS CDMA; Frequency: 1851.25 MHz;

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2332; Calibrated: 1/31/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn637; Calibrated: 9/22/2004
- Phantom: HAC Phantom; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.5 Build 19;

Low Channel, Antenna In/Hearing Aid Compatibility Test (251x251x1): Measurement

grid: dx=2mm, dy=2mm

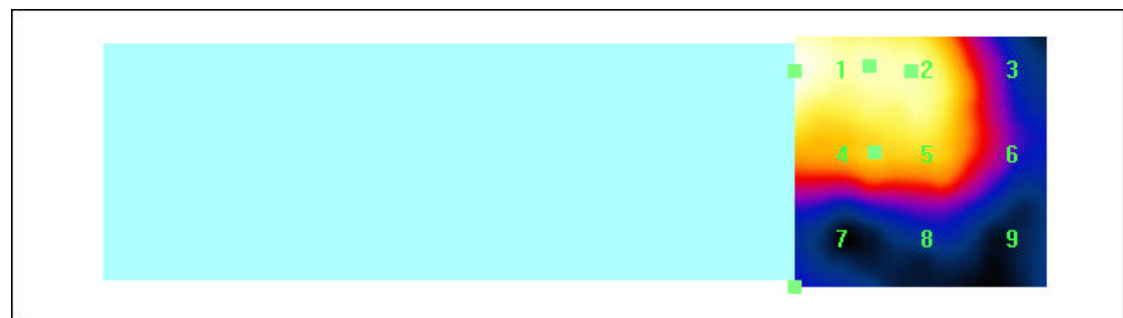
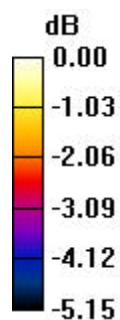
Maximum value of Total field (slot averaged) = 46.0 V/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

E in V/m (Time averaged) E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3
46.0	44.2	37.8
Grid 4	Grid 5	Grid 6
41.9	42.6	37.3
Grid 7	Grid 8	Grid 9
30.0	31.1	29.8

Grid 1	Grid 2	Grid 3
46.0	44.2	37.8
Grid 4	Grid 5	Grid 6
41.9	42.6	37.3
Grid 7	Grid 8	Grid 9
30.0	31.1	29.8



0 dB = 46.0V/m



PCTEST Hearing-Aid Compatability Facility

DUT: SCP-5600

Type: SANYO Tri Mode Phone

Serial: F798E3DE

Backlight off

Duty Cycle: 1:1

Communication System: Cellular CDMA; Frequency: 835.89 MHz;

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6180; Calibrated: 10/6/2004
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn637; Calibrated: 9/22/2004
- Phantom: HAC Phantom; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.5 Build 19;

Mid Channel (Antenna In)/Hearing Aid Compatibility Test (251x251x1): Measurement

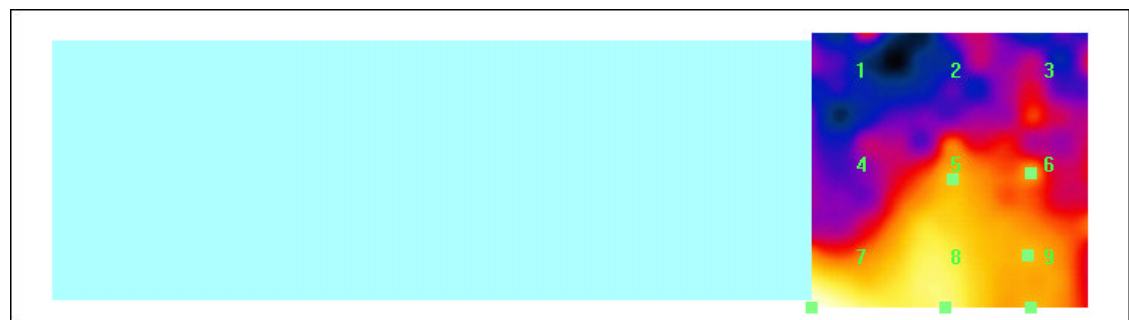
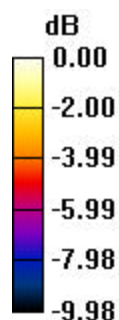
grid: dx=2mm, dy=2mm

Maximum value of Total field (slot averaged) = 0.060 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Time averaged) H in A/m (Slot averaged)

Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
0.035	0.031	0.036	0.035	0.031	0.036
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
0.038	0.044	0.040	0.038	0.044	0.040
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
0.060	0.052	0.042	0.060	0.052	0.042



0 dB = 0.060A/m



PCTEST Hearing-Aid Compatability Facility

DUT: SCP-5600

Type: SANYO Tri Mode Phone

Serial: F798E3DE

Backlight off

Duty Cycle: 1:1

Communication System: PCS CDMA; Frequency: 1851.25 MHz;

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6180; Calibrated: 10/6/2004
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn637; Calibrated: 9/22/2004
- Phantom: HAC Phantom; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.5 Build 19;

Low Channel (Antenna In)/Hearing Aid Compatibility Test (251x251x1): Measurement

grid: dx=2mm, dy=2mm

Maximum value of Total field (slot averaged) = 0.094 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Time averaged) H in A/m (Slot averaged)

Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
0.094	0.064	0.041	0.094	0.064	0.041
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
0.088	0.065	0.053	0.088	0.065	0.053
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
0.088	0.075	0.060	0.088	0.075	0.060

