

Plot 1

Date/Time: 2016-08-11 PM 3:19:11

Test Laboratory: KES Co., Ltd.

### **KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Front**

**DUT: VANTAGE; Type: Belt; Serial: N/A**

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 2015-08-27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1344; Calibrated: 2015-11-25
- Phantom: ELI v5.0\_2013\_01\_23; Type: QDOVA002AA; Serial: TP:1190
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Front/Area Scan (8x11x1):** Measurement grid:

$dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.185 mW/g

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Front/Zoom Scan (7x7x7)/Cube 0:** Measurement

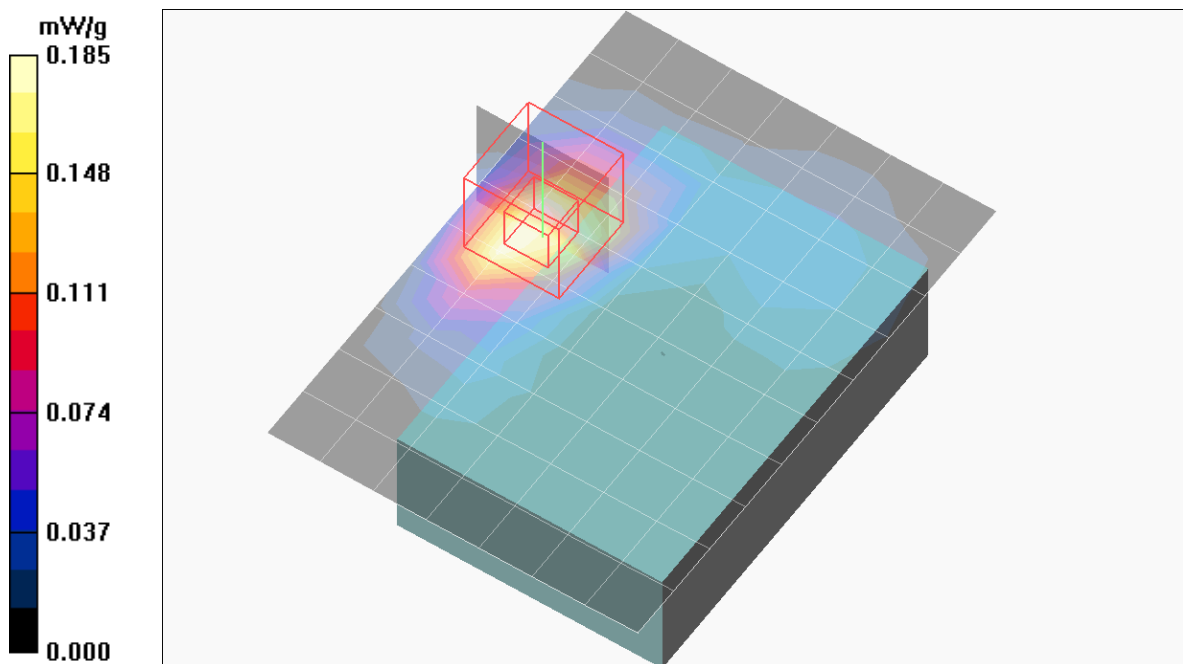
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0.515 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



Test Laboratory: KES Co., Ltd.

### KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Right

**DUT: VANTAGE; Type: Belt; Serial: N/A**

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 2015-08-27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1344; Calibrated: 2015-11-25
- Phantom: ELI v5.0\_2013\_01\_23; Type: QDOVA002AA; Serial: TP:1190
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Right/Area Scan (7x11x1):** Measurement grid:

$dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.513 mW/g

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Right/Zoom Scan (7x7x7)/Cube 0:** Measurement

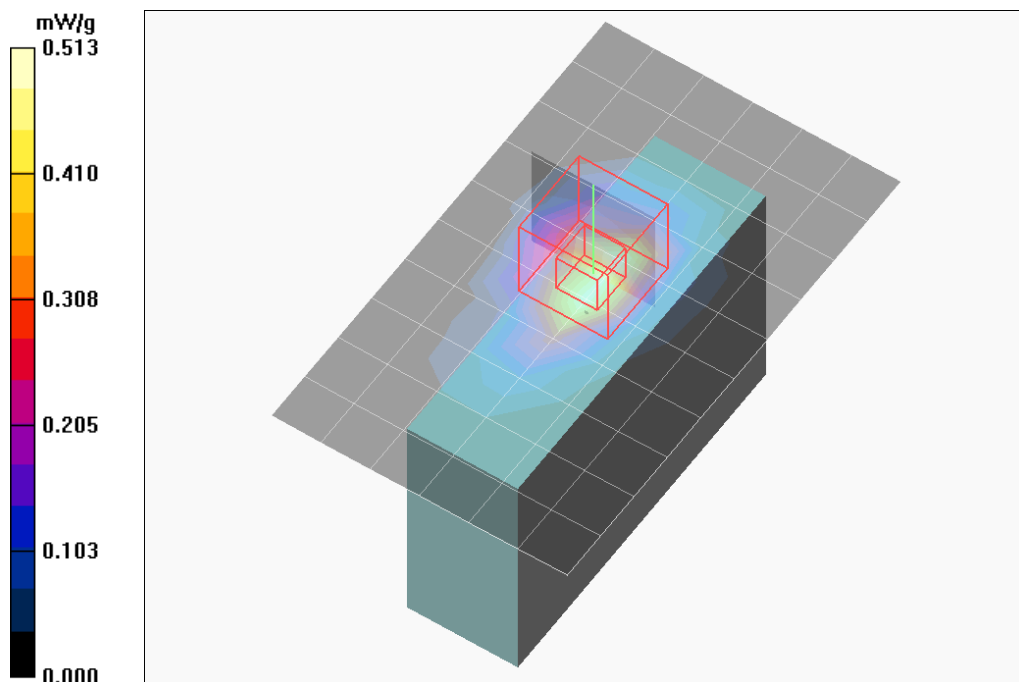
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.9 V/m; Power Drift = 0.441 dB

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.567 mW/g



Test Laboratory: KES Co., Ltd.

### KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear

**DUT: VANTAGE; Type: Belt; Serial: N/A**

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 2015-08-27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1344; Calibrated: 2015-11-25
- Phantom: ELI v5.0\_2013\_01\_23; Type: QDOVA002AA; Serial: TP:1190
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear/Area Scan (8x11x1):** Measurement grid:

$dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.184 mW/g

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear/Zoom Scan (7x7x7)/Cube 0:** Measurement

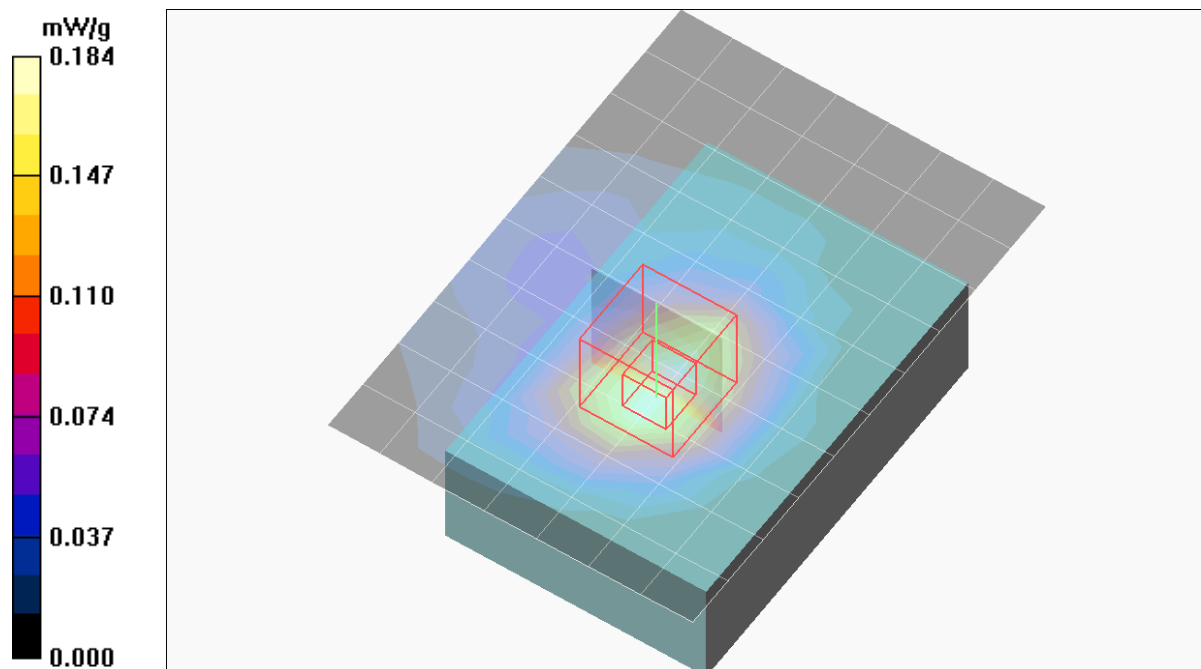
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.42 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.189 mW/g



Test Laboratory: KES Co., Ltd.

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear\_Touch\_With Belt Clip**

**DUT: VANTAGE; Type: Belt; Serial: N/A**

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 2015-08-27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1344; Calibrated: 2015-11-25
- Phantom: ELI v5.0\_2013\_01\_23; Type: QDOVA002AA; Serial: TP:1190
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear\_Touch\_With Belt Clip/Area Scan (8x11x1):**

Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.062 mW/g

**KUSTOM SIGNAL\_VANTAGE\_802.11b\_1Mbps\_CH1\_Rear\_Touch\_With Belt Clip/Zoom Scan**

(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.56 V/m; Power Drift = -0.394 dB

Peak SAR (extrapolated) = 0.079 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

