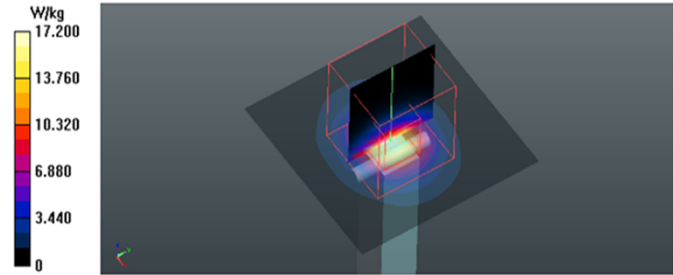
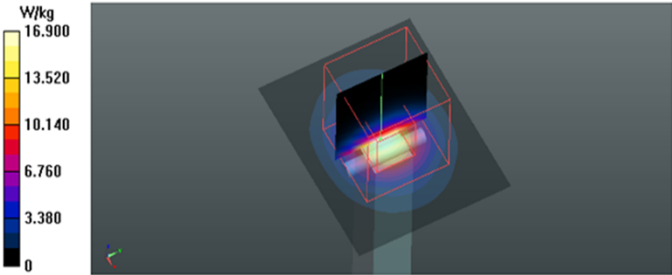


Validation Report for Body TSL of 5.6GHz	Validation Report for Body TSL of 5.8GHz
<p>Test Laboratory: BTL Inc.      Date: 2018/12/25<sup>Ⓢ</sup></p> <p>System Check_B5600_7396<sup>Ⓢ</sup></p> <p>DUT: Dipole D5GHzV2;SN:1160<sup>Ⓢ</sup></p> <p>Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1<sup>Ⓢ</sup></p> <p>Medium parameters used: f = 5600 MHz; <math>\sigma</math> = 5.947 S/m; <math>\epsilon_r</math> = 47.073; <math>\rho</math> = 996 kg/m<sup>3</sup> <sup>Ⓢ</sup></p> <p>Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C<sup>Ⓢ</sup></p> <p>DASY Configuration:<sup>Ⓢ</sup></p> <ul style="list-style-type: none"><li>• Probe: EX3DV4 - SN7396; ConvE(4.38, 4.38, 4.38) @ 5600 MHz; Calibrated: 2018/5/29 <sup>Ⓢ</sup></li><li>• Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0 <sup>Ⓢ</sup></li><li>• Electronics: DAE4 Sn1390; Calibrated: 2018/5/11 <sup>Ⓢ</sup></li><li>• Phantom: SAM Right; Type: Twin SAM; Serial: 1896 <sup>Ⓢ</sup></li><li>• DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)<sup>Ⓢ</sup></li></ul> <p>↓</p> <p>Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm<sup>Ⓢ</sup></p> <p>Maximum value of SAR (interpolated) = 16.5 W/kg<sup>Ⓢ</sup></p> <p>↓</p> <p>Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm<sup>Ⓢ</sup></p> <p>Reference Value = 38.11 V/m; Power Drift = -0.17 dB<sup>Ⓢ</sup></p> <p>Peak SAR (extrapolated) = 35.4 W/kg<sup>Ⓢ</sup></p> <p>SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.2 W/kg<sup>Ⓢ</sup></p> <p>Maximum value of SAR (measured) = 17.2 W/kg</p> 	<p>Test Laboratory: BTL Inc.      Date: 2018/12/25<sup>Ⓢ</sup></p> <p>System Check_B5800_7396<sup>Ⓢ</sup></p> <p>DUT: Dipole D5GHzV2;SN:1160<sup>Ⓢ</sup></p> <p>Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1<sup>Ⓢ</sup></p> <p>Medium parameters used: f = 5800 MHz; <math>\sigma</math> = 6.239 S/m; <math>\epsilon_r</math> = 46.673; <math>\rho</math> = 996 kg/m<sup>3</sup> <sup>Ⓢ</sup></p> <p>Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C<sup>Ⓢ</sup></p> <p>DASY Configuration:<sup>Ⓢ</sup></p> <ul style="list-style-type: none"><li>• Probe: EX3DV4 - SN7396; ConvE(4.5, 4.5, 4.5) @ 5800 MHz; Calibrated: 2018/5/29 <sup>Ⓢ</sup></li><li>• Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0 <sup>Ⓢ</sup></li><li>• Electronics: DAE4 Sn1390; Calibrated: 2018/5/11 <sup>Ⓢ</sup></li><li>• Phantom: SAM Right; Type: Twin SAM; Serial: 1896 <sup>Ⓢ</sup></li><li>• DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)<sup>Ⓢ</sup></li></ul> <p>↓</p> <p>Area Scan (6x5x1): Interpolated grid: dx=10 mm, dy=10 mm<sup>Ⓢ</sup></p> <p>Maximum value of SAR (interpolated) = 16.6 W/kg<sup>Ⓢ</sup></p> <p>↓</p> <p>Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm<sup>Ⓢ</sup></p> <p>Reference Value = 37.07 V/m; Power Drift = -0.19 dB<sup>Ⓢ</sup></p> <p>Peak SAR (extrapolated) = 35.6 W/kg<sup>Ⓢ</sup></p> <p>SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.16 W/kg<sup>Ⓢ</sup></p> <p>Maximum value of SAR (measured) = 16.9 W/kg</p> 

Calibrator:     *Rot - Liang*

Approver:     *Herbert Lim*