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## ***Appendix C – Highest Test Plots***

Date: 2024/11/1

## 7\_WLAN2.4G\_802.11b\_Bottom of laptop\_0 mm\_Ch1\_ANT 1\_Sample 1

DUT: FX707V

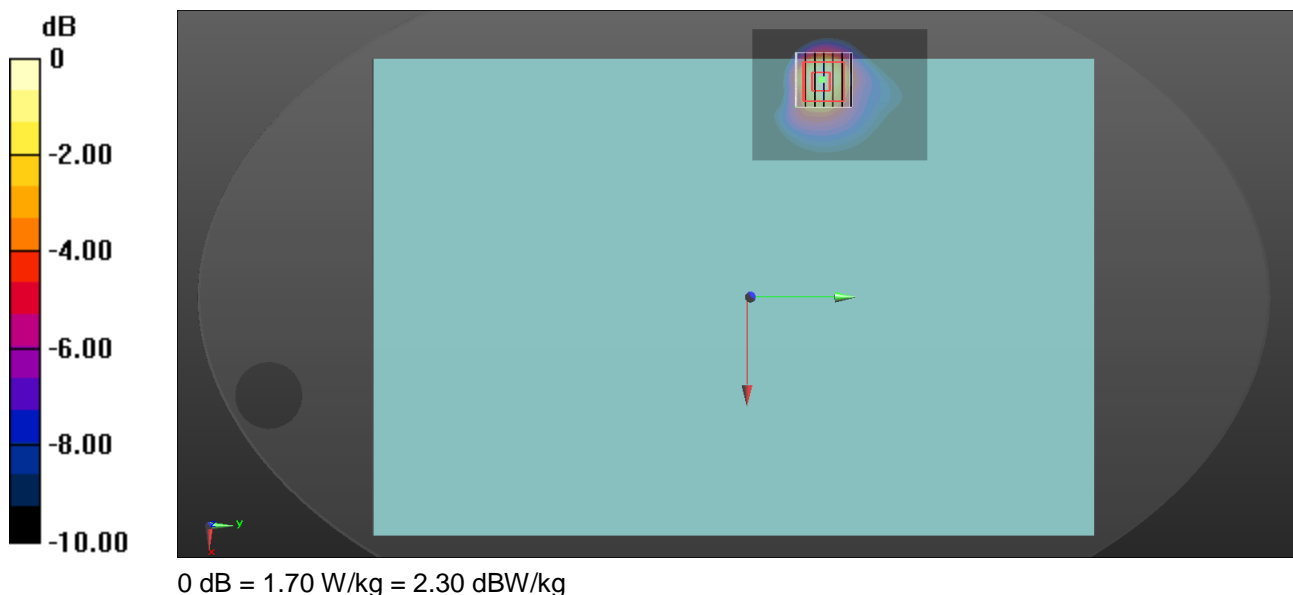
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.005  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.752$  S/m;  $\epsilon_r = 39.857$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.73, 7.11, 7.58) @ 2412 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 1.89 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$  mm,  $dy=5$  mm,  $dz=5$  mm  
Reference Value = 26.42 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 2.07 W/kg  
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.543 W/kg**  
Smallest distance from peaks to all points 3 dB below = 10.8 mm  
Ratio of SAR at M2 to SAR at M1 = 53.8%  
Maximum value of SAR (measured) = 1.70 W/kg



Date: 2024/11/2

## 16\_WLAN5.3G\_802.11ac VHT80\_Front Edge of laptop\_0 mm\_Ch58\_ANT 1\_Sample 1

DUT: FX707V

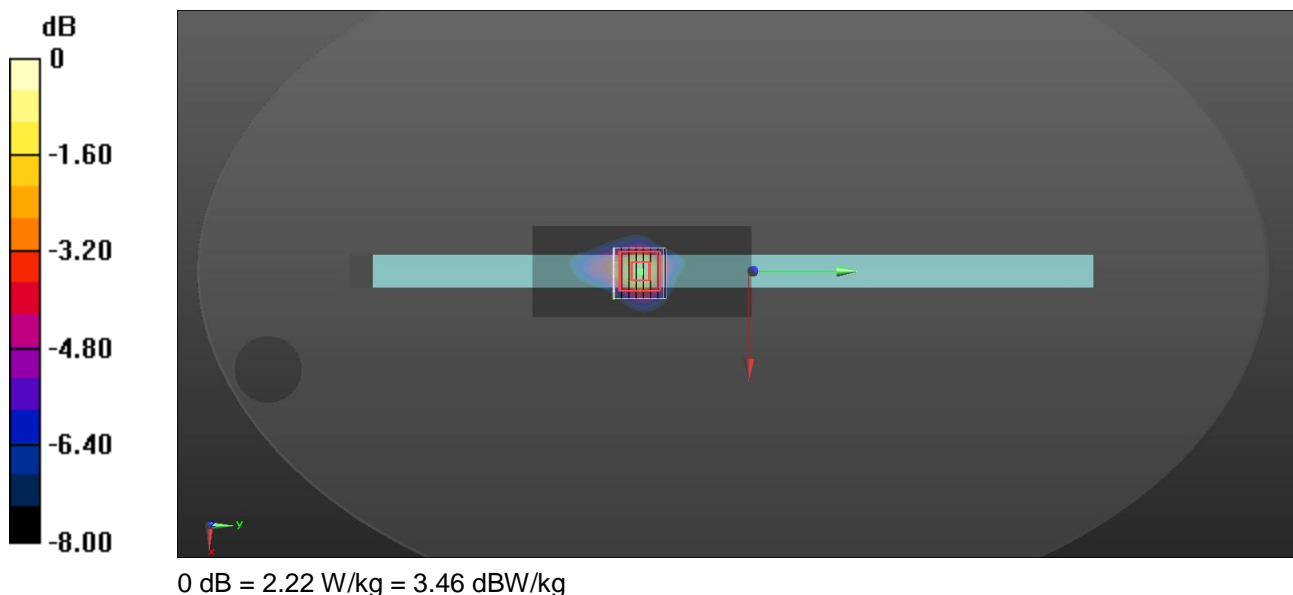
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.079  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.52$  S/m;  $\epsilon_r = 35.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.68, 5.15, 5.5) @ 5290 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x121x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 2.10 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 24.19 V/m; Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 3.77 W/kg  
**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.362 W/kg**  
Smallest distance from peaks to all points 3 dB below = 9.4 mm  
Ratio of SAR at M2 to SAR at M1 = 63.4%  
Maximum value of SAR (measured) = 2.22 W/kg



Date: 2024/11/3

### 32\_WLAN5.6G\_802.11ac VHT80\_Front Edge of laptop\_0 mm\_Ch138\_ANT 1\_Sample 1

DUT: FX707V

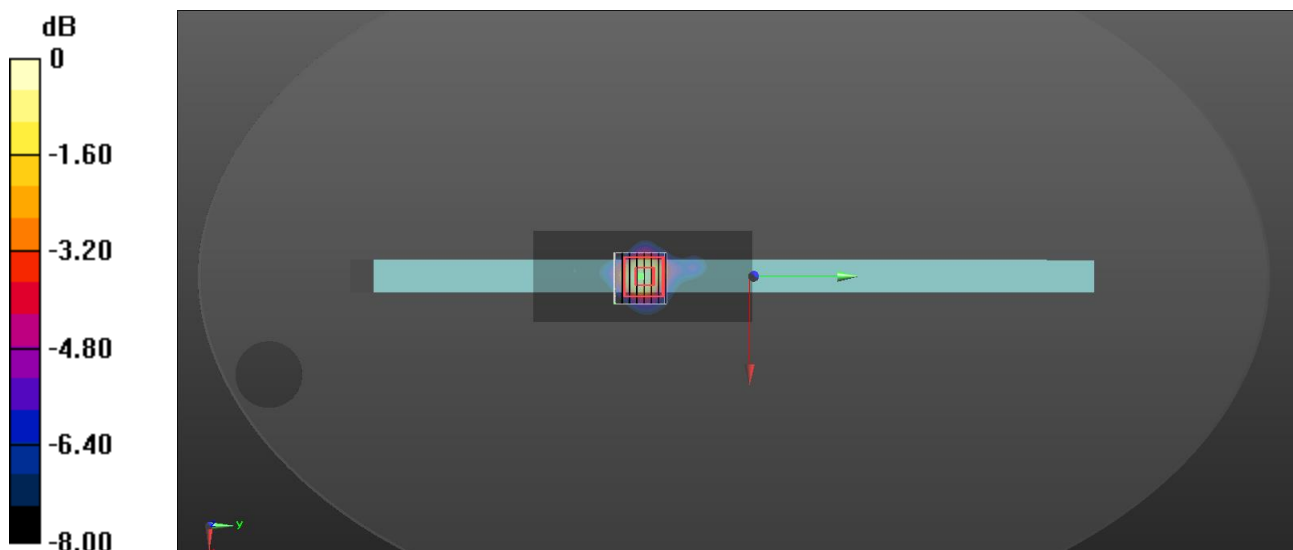
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.079  
Medium parameters used:  $f = 5690$  MHz;  $\sigma = 4.998$  S/m;  $\epsilon_r = 34.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.9, 4.47, 4.74) @ 5690 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x121x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 2.34 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 18.74 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 4.14 W/kg  
**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.377 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.8 mm  
Ratio of SAR at M2 to SAR at M1 = 62.9%  
Maximum value of SAR (measured) = 2.45 W/kg



0 dB = 2.45 W/kg = 3.89 dBW/kg

Date: 2024/11/4

#### 42\_WLAN5.8G\_802.11ac VHT80\_Front Edge of laptop\_0 mm\_Ch155\_ANT 1\_Sample 1

DUT: FX707V

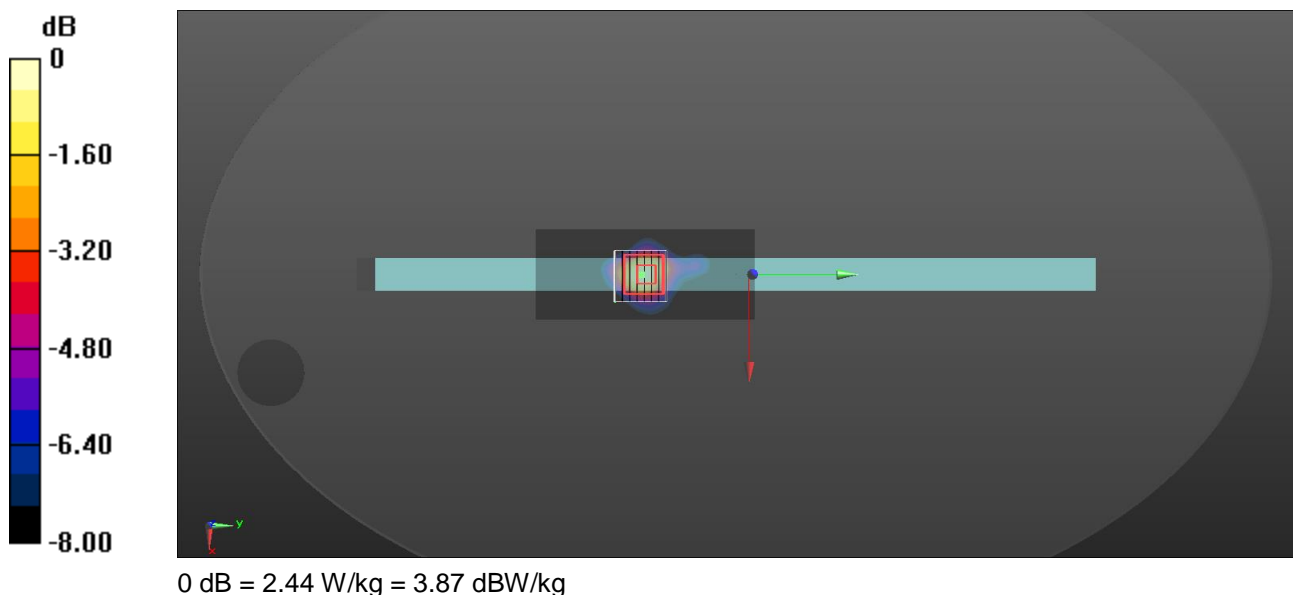
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.079  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.038$  S/m;  $\epsilon_r = 34.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.03, 4.62, 4.96) @ 5775 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (51x121x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 2.36 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 23.21 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 4.18 W/kg  
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.386 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.8 mm  
Ratio of SAR at M2 to SAR at M1 = 62.7%  
Maximum value of SAR (measured) = 2.44 W/kg



Date: 2024/11/1

## 57\_WLAN2.4G\_802.11b\_Top Side of KeyBoard\_0 mm\_Ch1\_ANT 1\_Sample 1

DUT: FX707V

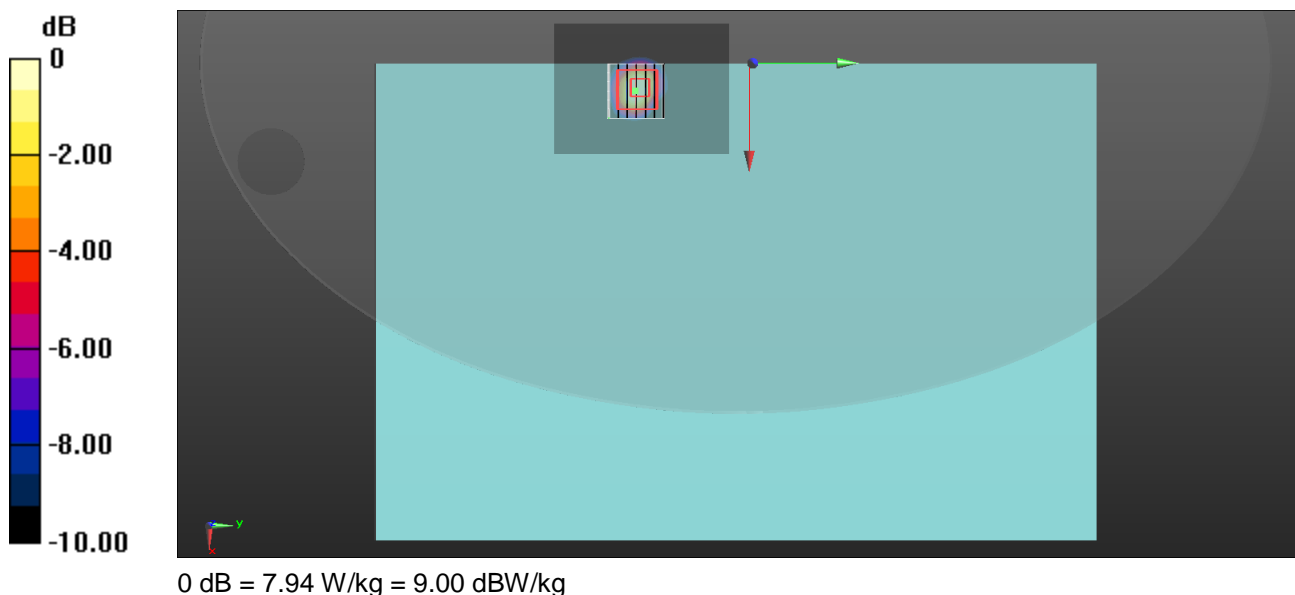
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.005  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.752$  S/m;  $\epsilon_r = 39.857$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.73, 7.11, 7.58) @ 2412 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 9.19 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$  mm,  $dy=5$  mm,  $dz=5$  mm  
Reference Value = 69.89 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 10.8 W/kg  
**SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.06 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.8 mm  
Ratio of SAR at M2 to SAR at M1 = 47.1%  
Maximum value of SAR (measured) = 7.94 W/kg



Date: 2024/11/2

### 63\_WLAN5.3G\_802.11ac VHT80\_Top Side of KeyBoard\_0 mm\_Ch58\_ANT 0\_Sample 1

DUT: FX707V

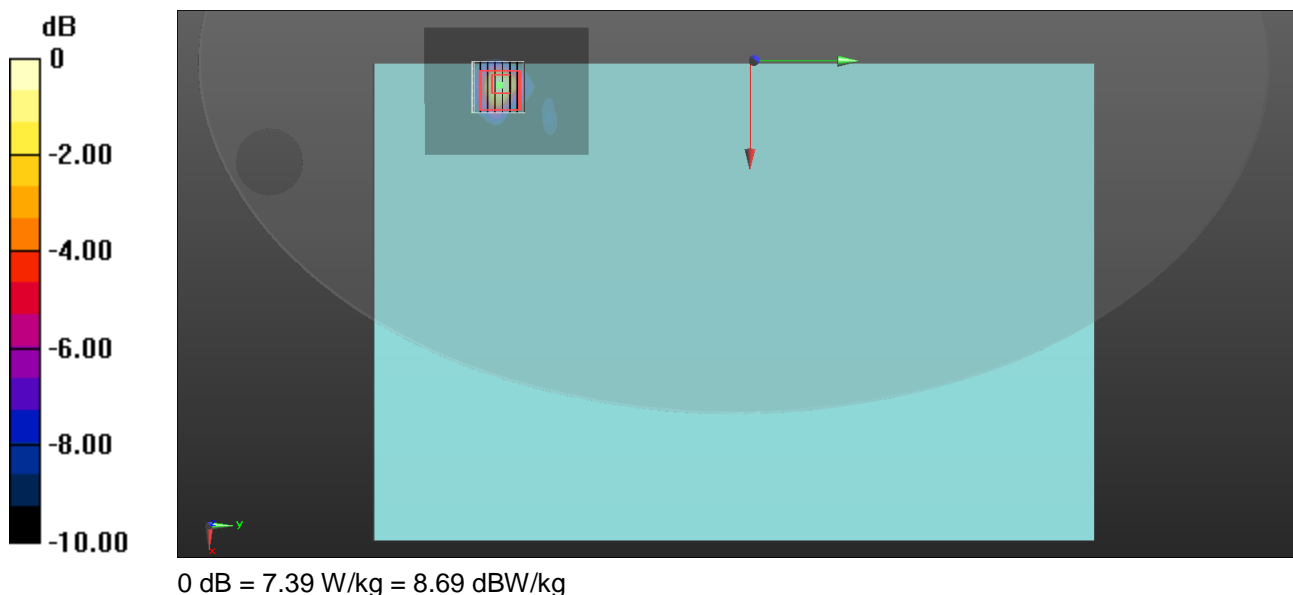
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.081  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.52$  S/m;  $\epsilon_r = 35.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.68, 5.15, 5.5) @ 5290 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 8.00 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 28.21 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 12.9 W/kg  
**SAR(1 g) = 2.83 W/kg; SAR(10 g) = 0.912 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.8 mm  
Ratio of SAR at M2 to SAR at M1 = 61.5%  
Maximum value of SAR (measured) = 7.39 W/kg



Date: 2024/11/3

### 73\_WLAN5.6G\_802.11ac VHT80\_Top Side of KeyBoard\_0 mm\_Ch138\_ANT 0\_Sample 1

DUT: FX707V

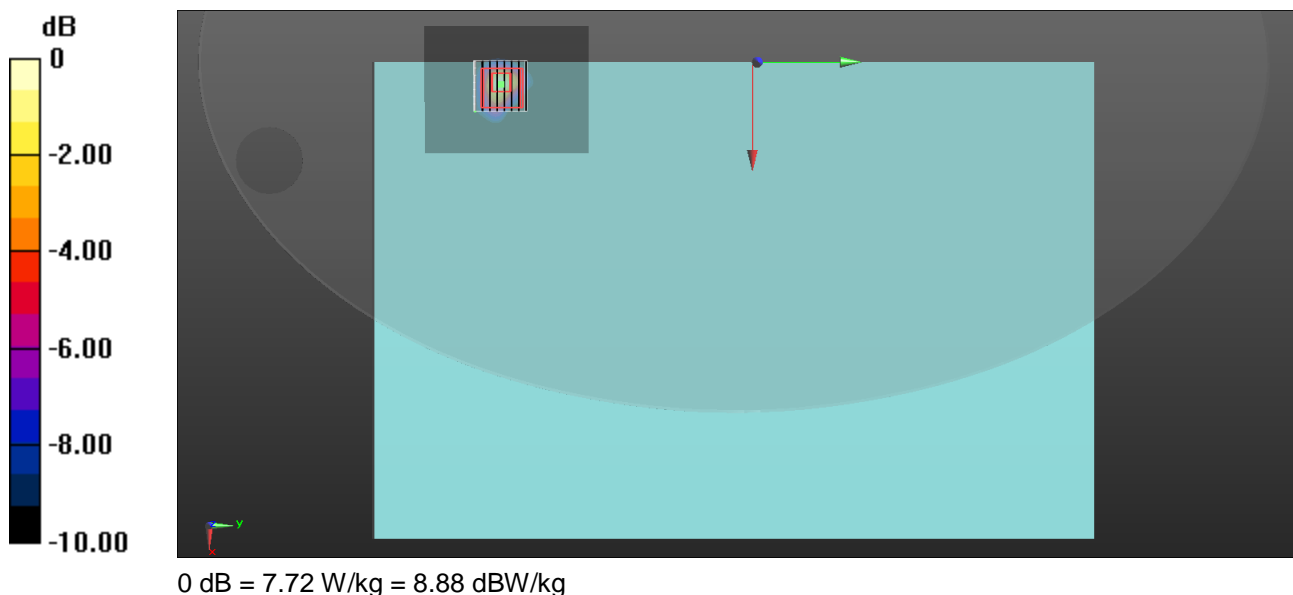
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.081  
Medium parameters used:  $f = 5690$  MHz;  $\sigma = 4.998$  S/m;  $\epsilon_r = 34.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.9, 4.47, 4.74) @ 5690 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 8.22 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 26.38 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 13.9 W/kg  
**SAR(1 g) = 2.87 W/kg; SAR(10 g) = 0.866 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.4 mm  
Ratio of SAR at M2 to SAR at M1 = 60.1%  
Maximum value of SAR (measured) = 7.72 W/kg





Date: 2024/11/4

## 80\_WLAN5.8G\_802.11ac VHT80\_Top Side of KeyBoard\_0 mm\_Ch155\_ANT 0\_Sample 1

DUT: FX707V

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.081  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.038$  S/m;  $\epsilon_r = 34.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.03, 4.62, 4.96) @ 5775 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2024/6/5
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 9.27 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 27.66 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 16.2 W/kg  
**SAR(1 g) = 3.26 W/kg; SAR(10 g) = 0.969 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.4 mm  
Ratio of SAR at M2 to SAR at M1 = 59.6%  
Maximum value of SAR (measured) = 8.92 W/kg

