

#01_WLAN6GHz_802.11ax-HE160 MCS0_Bottom Face_0mm_Ch15;Ant 2

Communication System: U-NII-5; Frequency: 6025.0 ; Duty Cycle: 1:1.018

Medium: HSL_6G_220824 Medium parameters used: $f=6025.0$ MHz; $\sigma=5.59$ S/m; $\epsilon_r=36.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2022-05-30
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1131; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (102.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

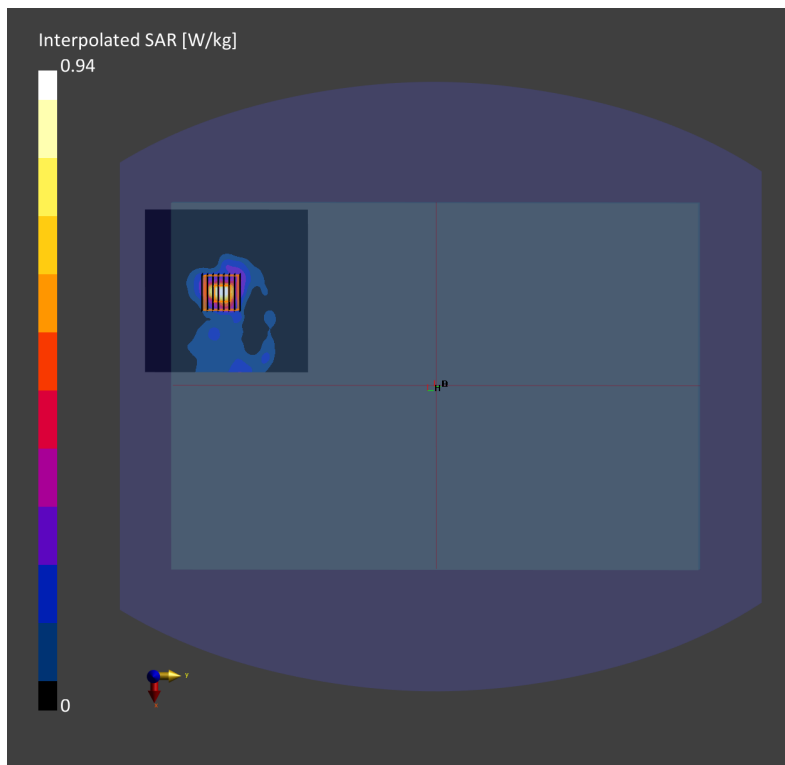
SAR (1g) = 0.177 W/kg; SAR (10g) = 0.052 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.10 dB

SAR (1g) = 0.203 W/kg; SAR (8g) = 0.065 W/kg; SAR (10g) = 0.056 W/kg;

psAPD (1.0cm², sq) = 2.03 [W/m²]; psAPD (4.0cm², sq) = 1.31 [W/m²]



Measurement Report for Device

Device Under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| Device, | 307.0 x 220.0 x 18.0 | | Tablet |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G | Bottom Face, 2.00 | 6985.0 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|------------------------|
| mmWave - xxxx | Air - | EUmmWV4 - SN9441_F1-55GHz, 2021-11-24 | DAE4 Sn778, 2022-05-30 |

Scans Setup

| | |
|---------------------|-----------------|
| Scan Type | 5G Scan |
| Grid Extents [mm] | 120.0 x 120.0 |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0 |

Measurement Results

| | |
|-------------------------------|------------|
| Date | 2022-08-29 |
| Avg. Area [cm ²] | 4.00 |
| psPDn+ [W/m ²] | 1.35 |
| psPDtot+ [W/m ²] | 1.56 |
| H _{max} [A/m] | 0.101 |
| E _{max} [V/m] | 30.4 |
| max(Stot) [W/m ²] | 2.44 |
| iPDn | 1.35 |
| Power Drift [dB] | -0.06 |

