

## #01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Edge 3\_0mm\_Ch47;Ant 2

Communication System: U-NII-5; Frequency: 6185.0 ; Duty Cycle: 1:1.024

Medium: HSL\_6G\_220821. Medium parameters used:  $f = 6185.0$  MHz;  $\sigma = 5.81$  S/m;  $\epsilon_r = 35.9$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-04-29
- 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, 10743-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (85.0 mm x 119.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

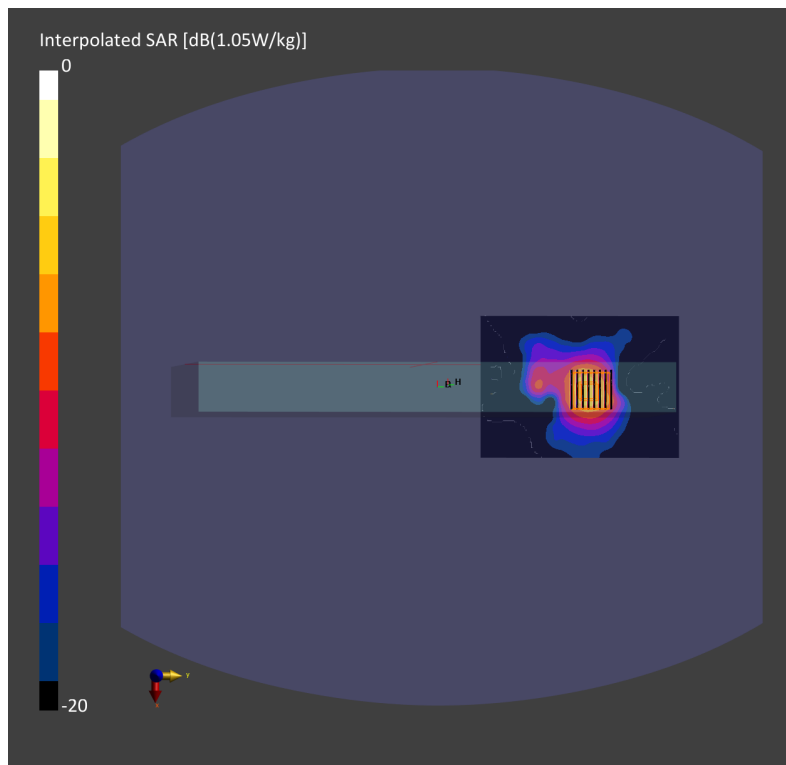
SAR (1g) = 0.242 W/kg; SAR (10g) = 0.088 W/kg;

**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 = -0.08 dB

SAR (1g) = 0.253 W/kg; SAR (8g) = 0.106 W/kg; SAR (10g) = 0.094 W/kg;

psAPD (1.0cm<sup>2</sup>, sq) = 2.53 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 2.12



Measurement Report for Device  
Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| Device,             | 205.0 x 286.5 x 30.0 |      | Tablet   |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G              | EDGE TOP, 2.00               | 6025.0          | 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                          | 2022–08–21, 09:09 |
| Avg. Area [cm <sup>2</sup> ]  | 4.00              |
| psPDn+ [W/m <sup>2</sup> ]    | 2.13              |
| psPDtot+ [W/m <sup>2</sup> ]  | 2.23              |
| H <sub>max</sub> [A/m]        | 0.084             |
| E <sub>max</sub> [V/m]        | 35.6              |
| max(Stot) [W/m <sup>2</sup> ] | 2.83              |
| IPDn                          | 1.97              |
| Power Drift [dB]              | –0.14             |

