

Estone VK10 FCC 2.4GHz Wi-Fi 802.11b 6CH top edge

Communication System: UID 0, 2.45GHz Wi-Fi (0); Communication System Band: ISM 2.4GHz; Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1.04833
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 51.444$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.77, 7.77, 7.77); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.41 W/kg

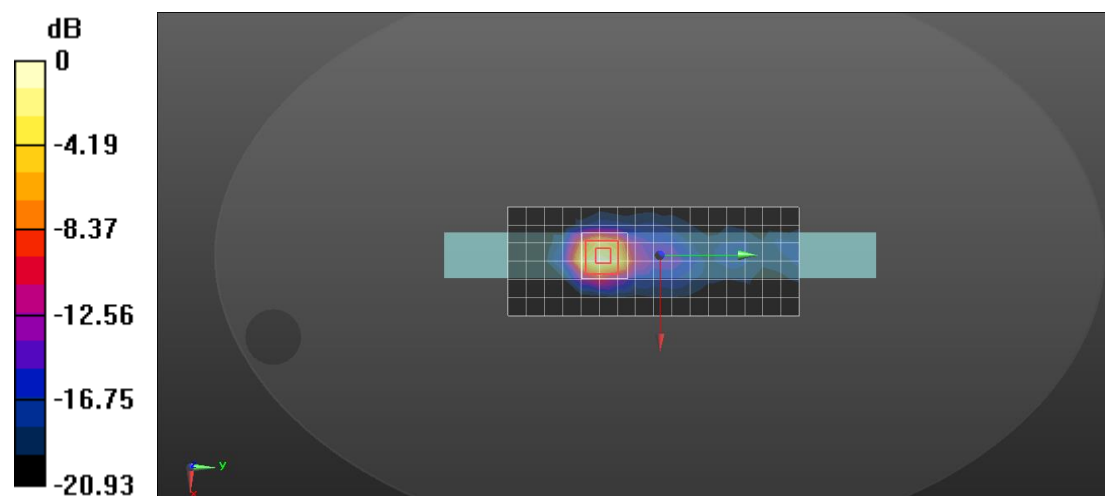
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.948 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.485 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Date/Time: 2019/11/18

Estone VK10 FCC 5.3GHz WiFi802.11a 60CH top edge zoom scan

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz); Frequency: 5260 MHz; Communication System PAR: 0 dB; PMF: 1.04954

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.53$ S/m; $\epsilon_r = 50.051$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.24, 5.24, 5.24); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.86 W/kg

Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

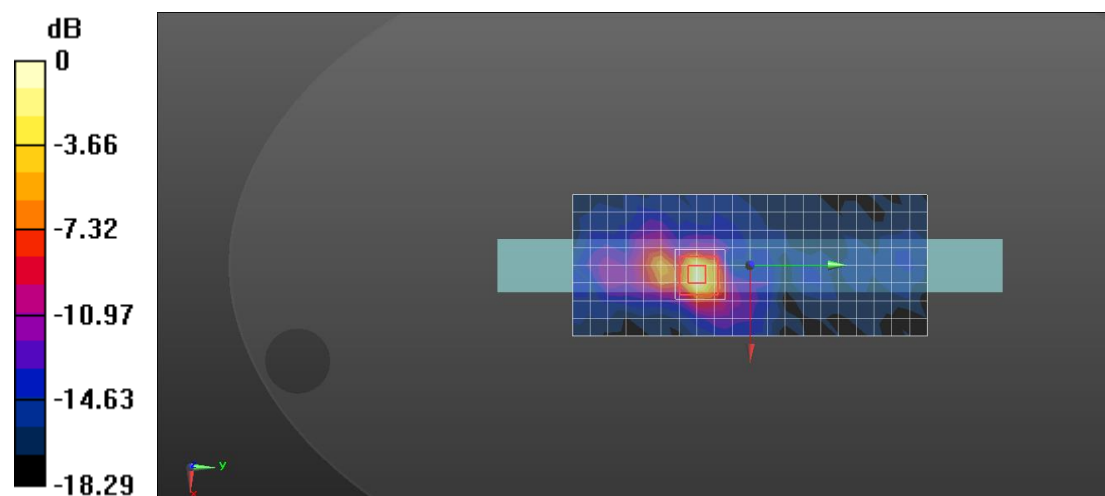
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.318 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

Date/Time: 2019/11/18

Estone VK10 FCC 5.6GHz WiFi 802.11a 120CH top edge zoom scan

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz); Frequency: 5600 MHz; Communication System PAR: 0 dB; PMF: 1.04954

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.744$ S/m; $\epsilon_r = 48.538$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.41, 4.41, 4.41); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.50 W/kg

Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

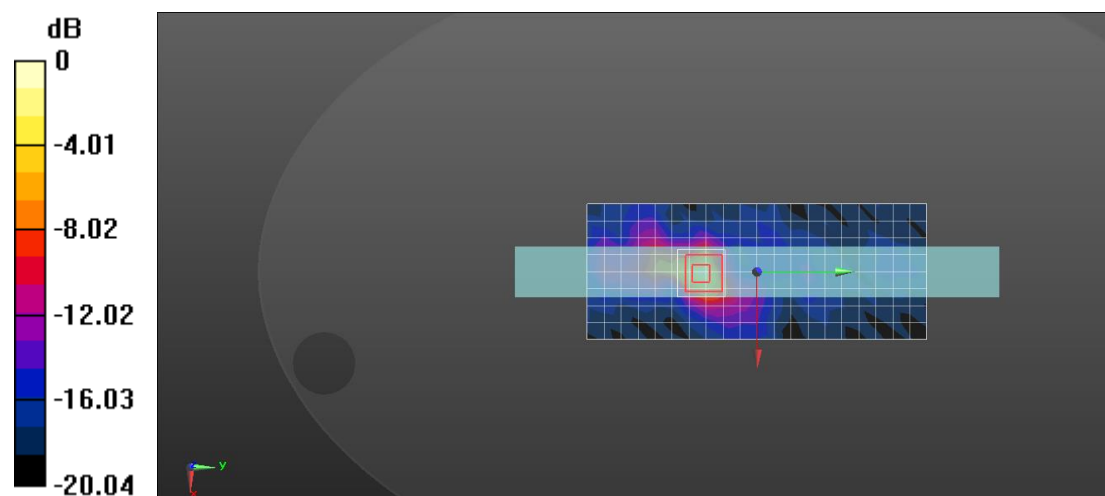
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.921 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 6.12 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

Estone VK10 FCC 5.8GHz WiFi 802.11a 165CH top edge

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz); Frequency: 5825 MHz; Communication System PAR: 0 dB; PMF: 1.04954 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.078$ S/m; $\epsilon_r = 48.774$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.51, 4.51, 4.51); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 3.01 W/kg

Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

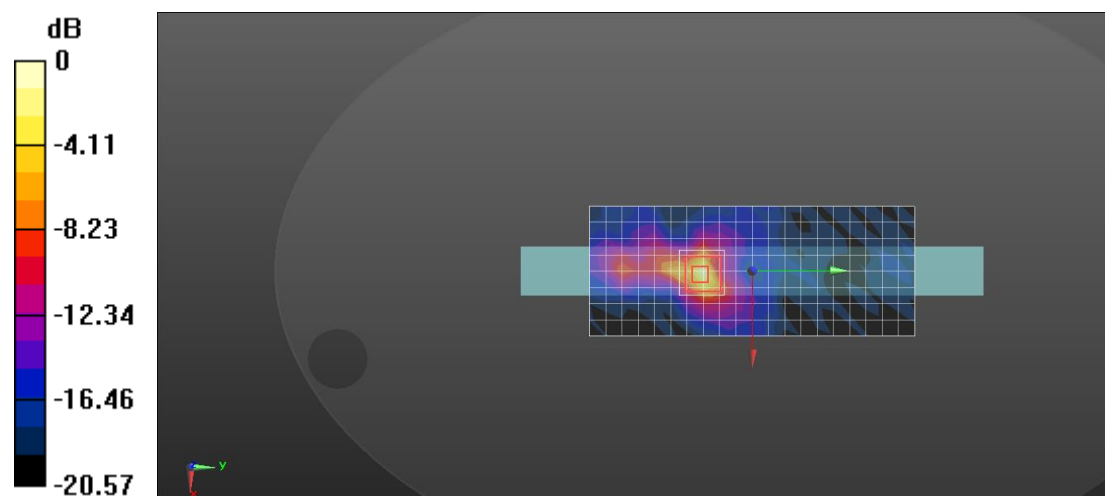
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.751 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 6.83 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.27 W/kg = 5.15 dBW/kg