

System Check_H5800

DUT: Dipole 5GHzV2;Type:D5GHzV2; SN:1040

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.415 \text{ S/m}$; $\epsilon_r = 35.658$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.2, 5.2, 5.2); Calibrated: 2021/3/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 20.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 50.784 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 8.07 W/kg ; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 21.5 W/kg

