

APPENDIX A: VERIFICATION PLOTS

ELEMENT

Date: 2022-07-19
30 GHz Verification

Device Under Test Properties

DUT	Serial Number
30 GHz Verification Source	1015

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	5.55	Validation band	30000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9523_F1-55GHz, 2022-01-31	DAE4 Sn1403, 2022-02-22

Software Setup

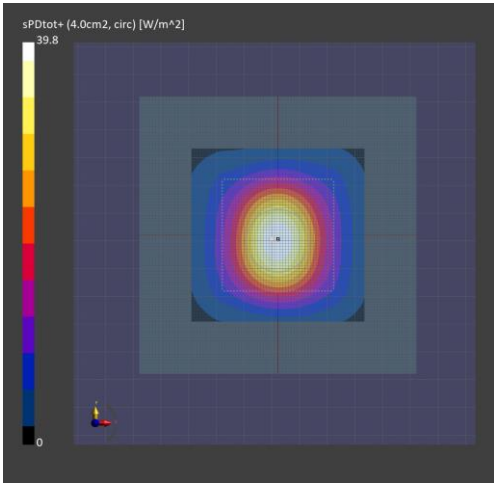
Software	Software Version
cDasy6 Module mmWave	3.0.0.841

Scans Setup

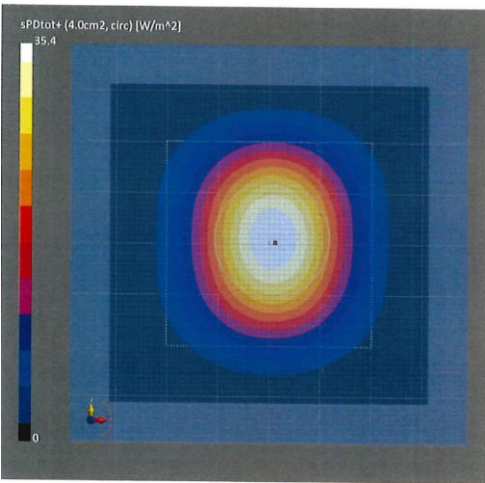
Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	39.80
pS _n avg [W/m²]	39.50
E _{peak} [V/m]	139
Deviation [dB]	0.52



30GHz System Verification



Calibration Certificate

ELEMENT

Date: 2022-07-22

30 GHz

Device Under Test Properties

DUT	Serial Number
30 GHz Verification Source	1015

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	5.55	Validation band	30000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9523_F1-55GHz, 2022-01-31	DAE4 Sn1403, 2022-02-22

Software Setup

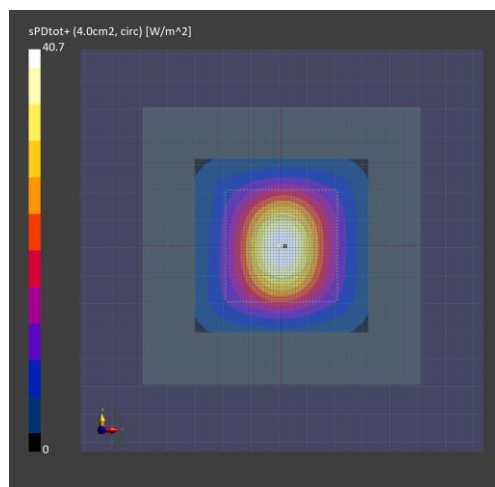
Software	Software Version
cDasy6 Module mmWave	3.0.0.841

Scans Setup

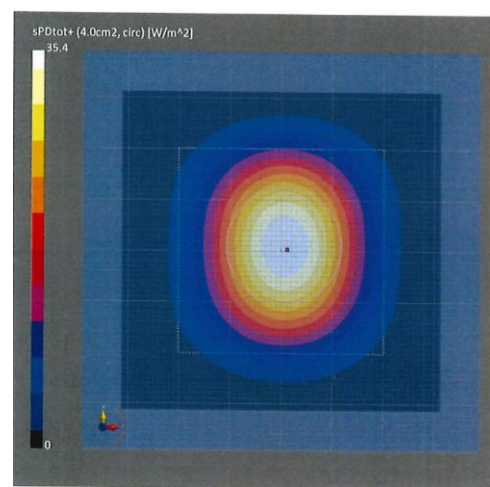
Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	40.70
pS _n avg [W/m²]	40.40
E _{peak} [V/m]	142
Deviation [dB]	0.62



30GHz System Verification



Calibration Certificate