Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

Date/Time: 2023-08-04, 21:59

Exposure Conditions

 Band
 PCS 1900
 TSL Permittivity
 39.7

 Frequency [MHz] | Channel Number
 1880.000 | 661
 TSL Conductivity [S/m]
 1.43

Group | UID GSM | 10024-DAC Phantom Section | TSL RightHead | HSL

Conversion Factor 7.53 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN7807 | 2023-04-11 Phantom Twin-SAM V8.0 (30deg probe tilt)

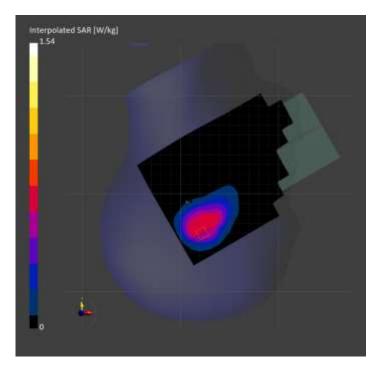
DAE | Calibration Date DAE4 Sn1799 | 2023-04-04 **TSL Type** HBBL-600-10000

Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		8.6

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.616	0.670
psSAR10g [W/Kg]	0.371	0.363
Power Drift [dB]	N/A	-0.03



Measurement Report for Band 4: UMTS-FDD (WCDMA), CHEEK

Exposure Conditions

 Band
 Band 4
 TSL Permittivity
 39.9

 Frequency [MHz] | Channel Number
 1752.600 | 1513
 TSL Conductivity [S/m]
 1.36

Group | UID WCDMA | 10011-CAC Phantom Section | TSL RightHead | HSL

Conversion Factor 8.02 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN7807 | 2023-04-11 Phantom Twin-SAM V8.0 (30deg probe tilt)

DAE | Calibration Date DAE4 Sn1799 | 2023-04-04 **TSL Type** HBBL-600-10000

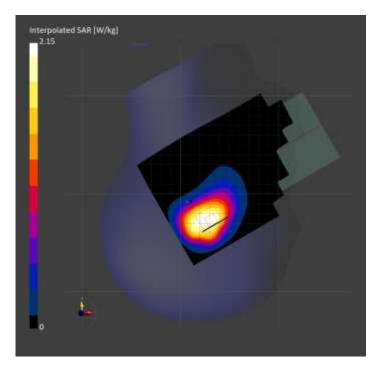
Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		70.4
Dist 3dB Peak [mm]		17.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.803	0.841
psSAR10g [W/Kg]	0.492	0.521
Power Drift [dB]	N/A	-0.00



Date/Time: 2023-08-04, 22:34

Measurement Report for Band 53: LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) AntennaCfg:SISO, TILT

Date/Time: 2023-08-08, 19:43

Exposure Conditions

Band	Band 53	TSL Permittivity	40.3
Frequency [MHz] Channel Number	2489.300 60198	TSL Conductivity [S/m]	1.80

Group | UID LTE-TDD | 10506-AAG Phantom Section | TSL LeftHead | HSL

Conversion Factor 7.64 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN7587 | 2023-04-18 Phantom Twin-SAM V8.0 (30deg probe tilt)

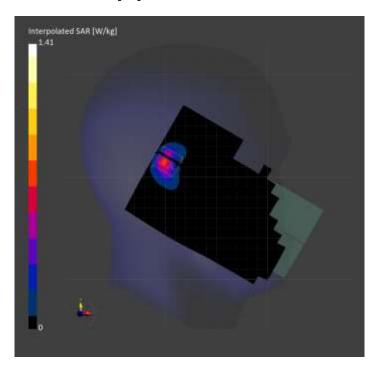
DAE | Calibration Date DAE4 Sn1239 | 2023-03-16 **TSL Type** HBBL-600-10000

Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		5.5

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.534	0.619
psSAR10g [W/Kg]	0.231	0.243
Power Drift [dB]	N/A	-0.00



Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

Date/Time: 2023-08-04, 20:37

Exposure Conditions

 Band
 Band n12
 TSL Permittivity
 42.3

 Frequency [MHz] | Channel Number
 707.500 | 141500
 TSL Conductivity [S/m]
 0.870

Group | UID 5G NR FR1 FDD | 10938-AAC Phantom Section | TSL RightHead | HSL

Conversion Factor 9.96 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN3991 | 2022-09-22 Phantom Twin-SAM V8.0 (30deg probe tilt)

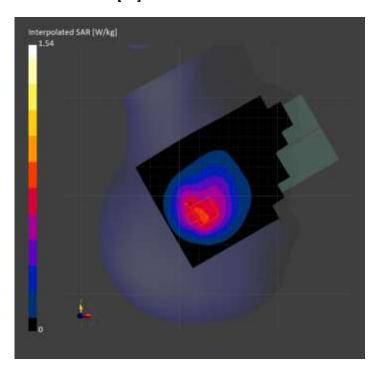
DAE | Calibration Date DAE4 Sn1674 | 2023-05-11 **TSL Type** HBBL-600-10000

Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.4
Dist 3dB Peak [mm]		7.3

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.693	0.731
psSAR10g [W/Kg]	0.480	0.471
Power Drift [dB]	N/A	0.03



99pc duty cycle), CHEEK

Measurement Report for WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps,

Date/Time: 2023-08-04, 20:20

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.2
Frequency [MHz] Channel Number	2412.000 1	TSL Conductivity [S/m]	1.65

Group | UID WLAN | 10415-AAA Phantom Section | TSL LeftHead | HSL

Conversion Factor 7.64 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN7587 | 2023-04-18 Phantom Twin-SAM V8.0 (30deg probe tilt)

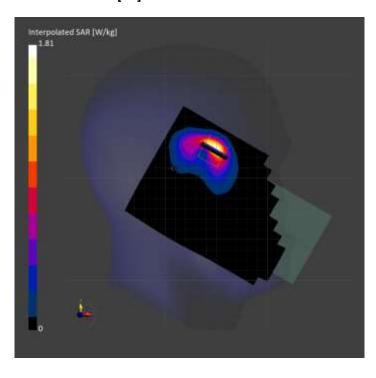
DAE | Calibration Date DAE4 Sn1239 | 2023-03-16 **TSL Type** HBBL-600-10000

Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		77.3
Dist 3dB Peak [mm]		5.5

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.764	0.778
psSAR10g [W/Kg]	0.320	0.331
Power Drift [dB]	N/A	0.04



Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), CHEEK

Date/Time: 2023-08-03, 22:23

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.5
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.92

Group | UID WLAN | 10544-AAD Phantom Section | TSL RightHead | HSL

Conversion Factor 4.8 Test Distance [mm] 0.00

Hardware Setup

Probe | Calibration Date EX3DV4 - SN7810 | 2023-04-25 Phantom Twin-SAM V8.0 (30deg probe tilt)

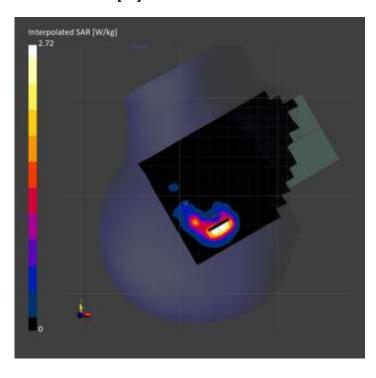
DAE | Calibration Date DAE4 Sn1439 | 2023-03-16 **TSL Type** HBBL-600-10000

Software Version 16.2.4.2524

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		4.4

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.564	0.580
psSAR10g [W/Kg]	0.191	0.175
Power Drift [dB]	N/A	-0.01



Measurement Report for Band n258: CW, EDGE RIGHT

Exposure Conditions

Bandn258Phantom Section5GFrequency [MHz] | Channel Number24800.0 | 2025833Conversion Factor1.0

Group | UID CW, 0-- Position | Test Distance [mm] EDGE RIGHT | 2.00

Hardware Setup

DAE | Calibration Date DAE4 Sn1377 | 2022-09-15 Medium Air | -

Software Version 3.2.2.2358

Scan Setup

Scan Type	5G Scan	Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.16885944481471585 x 0.16885944481471585	Sensor Surface [mm]	2.0

Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	3.95
psPDtot+ [W/m²]	5.52
psPDmod+ [W/m ²]	6.49
E _{max} [V/m]	107
Power Drift [dB]	0.01

