Ant.4 - Power Level A3/A4/B3/B4								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	22.18	21.30	20.19	23.5	22.5	21.5
		1745.0	22.41	21.45	20.41			
		1712.5	22.41	21.44	20.43			
	1RB_12	1777.5	22.47	21.57	20.54			
		1745.0	22.48	21.51	20.58			
		1712.5	22.51	21.59	20.55			
	1RB_0	1777.5	22.34	21.34	20.37			
		1745.0	22.49	21.40	20.49			
		1712.5	22.46	21.56	20.47			
	12RB_13	1777.5	21.53	20.59	19.54	22.5	21.5	20.5
		1745.0	21.51	20.60	19.54			
		1712.5	21.59	20.61	19.50			
	12RB_6	1777.5	21.48	20.54	19.48			
		1745.0	21.48	20.46	19.41			
		1712.5	21.60	20.70	19.65			
	12RB_0	1777.5	21.50	20.56	19.56			
		1745.0	21.46	20.40	19.45			
		1712.5	21.39	20.52	19.40			
	25RB_0	1777.5	21.32	20.36	19.33			
		1745.0	21.47	20.51	19.51			
		1712.5	21.47	20.57	19.49			

Ant.4 - Power Level A3/A4/B3/B4								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	22.19	21.28	20.21	23.5	22.5	21.5
		1745.0	22.41	21.43	20.37			
		1715.0	22.42	21.41	20.44			
	1RB_24	1775.0	22.49	21.53	20.49			
		1745.0	22.50	21.49	20.58			
		1715.0	22.54	21.61	20.56			
	1RB_0	1775.0	22.32	21.33	20.38			
		1745.0	22.48	21.42	20.45			
		1715.0	22.47	21.56	20.46			
	25RB_25	1775.0	21.52	20.57	19.51	22.5	21.5	20.5
		1745.0	21.51	20.56	19.54			
		1715.0	21.57	20.56	19.47			
	25RB_12	1775.0	21.51	20.53	19.47			
		1745.0	21.47	20.47	19.42			
		1715.0	21.62	20.65	19.67			
	25RB_0	1775.0	21.46	20.56	19.52			
		1745.0	21.42	20.39	19.43			
		1715.0	21.37	20.46	19.39			
	50RB_0	1775.0	21.33	20.30	19.30			
		1745.0	21.45	20.46	19.52			
		1715.0	21.45	20.55	19.50			

Ant.4 - Power Level A3/A4/B3/B4								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	22.17	21.20	20.16	23.5	22.5	21.5
		1745.0	22.36	21.41	20.35			
		1717.5	22.41	21.47	20.49			
	1RB_37	1772.5	22.49	21.52	20.47			
		1745.0	22.52	21.48	20.53			
		1717.5	22.55	21.62	20.60			
	1RB_0	1772.5	22.35	21.39	20.38			
		1745.0	22.45	21.43	20.48			
		1717.5	22.54	21.52	20.53			
	36RB_38	1772.5	21.51	20.54	19.53	22.5	21.5	20.5
		1745.0	21.52	20.59	19.59			
		1717.5	21.58	20.51	19.52			
	36RB_19	1772.5	21.50	20.57	19.48			
		1745.0	21.48	20.46	19.45			
		1717.5	21.59	20.66	19.62			
	36RB_0	1772.5	21.52	20.54	19.48			
		1745.0	21.46	20.42	19.46			
		1717.5	21.33	20.43	19.38			
	75RB_0	1772.5	21.31	20.30	19.28			
		1745.0	21.43	20.41	19.46			
		1717.5	21.48	20.57	19.47			

Ant.4 - Power Level A3/A4/B3/B4								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	22.20	21.22	20.17	23.5	22.5	21.5
		1745.0	22.38	21.37	20.38			
		1720.0	22.43	21.41	20.46			
	1RB_50	1770.0	22.50	21.49	20.47			
		1745.0	22.49	21.47	20.53			
		1720.0	**22.56**	21.57	20.55			
	1RB_0	1770.0	22.36	21.35	20.39			
		1745.0	22.45	21.41	20.47			
		1720.0	22.51	21.53	20.49			
	50RB_50	1770.0	21.52	20.54	19.51	22.5	21.5	20.5
		1745.0	21.54	20.57	19.56			
		1720.0	**21.56**	20.52	19.49			
	50RB_25	1770.0	21.50	20.51	19.46			
		1745.0	21.44	20.44	19.43			
		1720.0	21.61	20.62	19.64			
	50RB_0	1770.0	21.48	20.51	19.47			
		1745.0	21.43	20.41	19.43			
		1720.0	21.36	20.40	19.35			
	100RB_0	1770.0	21.32	20.30	19.31			
		1745.0	21.44	20.42	19.48			
		1720.0	21.49	20.52	19.48			

The device supports Inter-band and Intra-band uplink LTE Carrier Aggregation. The conducted power measurement results of Intra-band uplink CA are provided as follow.

Ant.0 - Power Level A1

Configure		CA List	PCC						SCC						Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2560.0	QPSK	1	0	CA_7C	20M	2540.2	QPSK	1	99	22.95	23.02
		CA_38C	Band 38	20M	2595.0	QPSK	1	0	CA_38C	20M	2614.8	QPSK	1	99	23.46	23.59
		CA_41C	Band 41	20M	2593.0	QPSK	1	0	CA_41C	20M	2612.8	QPSK	1	99	23.45	23.54

Ant.0 - Power Level B1

Configure		CA List	PCC						SCC						Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2560.0	QPSK	1	0	CA_7C	20M	2540.2	QPSK	1	99	21.96	22.02
		CA_38C	Band 38	20M	2595.0	QPSK	1	0	CA_38C	20M	2614.8	QPSK	1	99	23.46	23.59
		CA_41C	Band 41	20M	2593.0	QPSK	1	0	CA_41C	20M	2612.8	QPSK	1	99	23.45	23.54

Ant.1 - Power Level A1

Configure		CA List	PCC						SCC						Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2560.0	QPSK	1	99	CA_7C	20M	2540.2	QPSK	1	0	14.52	14.58
		CA_38C	Band 38	20M	2610.0	QPSK	1	0	CA_38C	20M	2590.2	QPSK	1	99	16.03	16.08
		CA_41C	Band 41	20M	2506.0	QPSK	1	0	CA_41C	20M	2525.8	QPSK	1	99	16.60	16.69

Ant.1 - Power Level B1

Configure		CA List	PCC						SCC						Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2535.0	QPSK	1	99	CA_7C	20M	2554.8	QPSK	1	0	17.58	17.67
		CA_38C	Band 38	20M	2610.0	QPSK	1	0	CA_38C	20M	2590.2	QPSK	1	99	21.05	21.13
		CA_41C	Band 41	20M	2506.0	QPSK	1	0	CA_41C	20M	2525.8	QPSK	1	99	20.14	20.20

10.4. 5G NR Measurement result

Maximum power reduction (MPR) for power class 3

Modulation	MPR (dB)		
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
	0.5[2]	0.5[2]	0[2]
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM	≤ 2.5		
DFT-s-OFDM 256 QAM	4.5		
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM	≤ 3.5		
CP-OFDM 256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with PI/2 PBSK modulation and UE indicates support for UE capability [*powerBoosting-pi2BPSK*] and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n38 and n41. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n38 and n41 and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n38 and n41.

Ant.0 - Power Level A1/A2/A3/A4/B1/B2							
NR n5						Tune up: 24.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	22.80
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	22.81
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	22.85
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	22.84
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	**22.87**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	22.84
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	22.86
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	21.79
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.46
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.43
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	21.24
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	20.66
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.31
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.30
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	21.62
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	21.67
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	22.53
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	22.62
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	21.72
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	22.69
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	22.81

Ant.0 - Power Level B3(DC_7A_n5A)							
NR n5						Tune up: 22.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	21.17
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	21.34
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	21.23
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	21.16
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	21.39
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	21.21
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	21.25
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	21.24
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.46
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.44
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	21.16
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	20.65
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.32
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.33
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	21.26
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	21.27
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	21.25
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	21.33
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	21.18
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	21.28
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	21.31

Ant.0 - Power Level B4(DC_7A_n5A)							
NR n5						Tune up: 21.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	20.32
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	20.45
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	20.34
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	20.47
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	**20.48**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	20.45
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	20.44
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	20.35
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.45
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.44
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	20.39
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	20.35
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.30
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.33
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	20.32
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	20.35
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	20.33
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	20.32
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	20.39
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	20.46
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	20.37

Ant.1 - Power Level A1/A2							
NR n5						Tune up: 20.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	19.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	19.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	19.54
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	19.57
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	19.67
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	19.41
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	19.50
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	19.55
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	19.40
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.12
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	19.57
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	19.50
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.03
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.03
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	19.49
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	19.40
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	19.42
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	19.39
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	19.56
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	19.48
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	19.37

Ant.1 - Power Level A3(DC_7A_n5A)							
NR n5						Tune up: 17.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	15.98
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	16.05
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	16.05
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	16.11
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	16.12
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	16.11
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	16.03
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	16.06
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	16.03
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	16.08
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	16.08
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	16.03
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	16.06
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	15.98
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	15.96
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	16.00
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	16.03
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	16.01
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	16.06
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	15.99
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	15.99

Ant.1 - Power Level A4(DC_7A_n5A)							
NR n5						Tune up: 15.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	14.50
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	14.45
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	14.48
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	14.40
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	14.57
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	14.51
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	14.55
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	14.39
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	14.42
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	14.48
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	14.39
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	14.41
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	14.45
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	14.38
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	14.44
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	14.43
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	14.38
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	14.45
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	14.47
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	14.36
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	14.41

Ant.1 - Power Level B1/B2							
NR n5						Tune up: 23.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	22.47
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	22.52
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	22.56
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	22.51
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	**22.60**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	22.53
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	22.55
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	21.49
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.15
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.14
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	20.93
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	20.37
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.03
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.03
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	21.25
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	21.29
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	22.22
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	22.27
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	21.58
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	22.26
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	22.48

Ant.1 - Power Level B3(DC_7A_n5A)							
NR n5						Tune up: 20.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	19.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	19.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	19.54
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	19.57
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	**19.67**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	19.41
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	19.50
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	19.55
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	19.40
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.12
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	19.57
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	19.50
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.03
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.03
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	19.49
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	19.40
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	19.42
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	19.39
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	19.56
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	19.48
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	19.37

Ant.1 - Power Level B4(DC_7A_n5A)							
NR n5						Tune up: 19.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	18.51
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	18.56
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	18.47
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	18.57
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	18.61
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	18.57
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	18.56
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	18.44
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	18.44
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.11
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	18.53
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	18.51
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	18.53
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.01
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	18.42
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	18.51
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	18.53
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	18.49
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	18.48
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	18.42
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	18.55

Ant.0 - Power Level A1/A2/A3/A4							
NR n7						Tune up: 24.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	22.86
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	22.83
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	22.82
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	22.85
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**22.89**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	22.76
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	22.87
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	21.82
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.31
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.25
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	21.23
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.73
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.25
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.24
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	21.28
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	21.14
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	22.22
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	22.08
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	21.64
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	22.68
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	22.85
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	22.80
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	22.83
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	22.79

Ant.0 - Power Level B1/B2							
NR n7						Tune up: 23.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.59
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	21.60
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.59
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	21.56
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**21.83**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	21.48
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	21.47
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	21.46
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.21
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.16
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	21.37
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.70
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.18
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.20
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	21.32
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	21.04
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	21.68
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	21.71
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	21.66
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	21.62
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	21.55
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	21.58
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	21.71
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	21.58

Ant.0 - Power Level B3(DC_2A_n7A)							
NR n7						Tune up: 21.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.00
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	20.14
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.04
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	20.12
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**20.29**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	20.06
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	20.14
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.12
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.11
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.29
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.03
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.00
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.21
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.06
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	20.02
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	20.20
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	20.21
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	20.15
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	20.06
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	20.07
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	20.20
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	20.20
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	19.99
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	20.22

Ant.0 - Power Level B4(DC_2A_n7A)							
NR n7						Tune up: 20.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	19.19
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	19.12
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	19.13
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	19.24
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	19.29
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	19.25
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	19.06
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	19.16
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.12
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.21
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	19.11
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	19.06
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.16
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.11
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	19.04
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	19.19
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	19.10
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	19.04
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	19.26
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	19.06
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	19.17
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	19.22
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	19.13
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	19.06

Ant.1 - Power Level A1/A2							
NR n7						Tune up: 15.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	14.63
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	14.73
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	14.56
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	14.55
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**14.74**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	14.66
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	14.73
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	14.57
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	14.54
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.67
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	14.59
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	14.67
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	14.68
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.58
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	14.70
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	14.54
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	14.58
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	14.72
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	14.67
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	14.71
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	14.55
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	14.58
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	14.68
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	14.63

Ant.1 - Power Level A3(DC_2A_n7A)							
NR n7						Tune up: 13.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	12.56
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	12.68
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	12.54
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	12.56
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	12.71
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	12.53
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	12.58
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	12.69
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	12.66
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	12.63
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	12.61
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	12.68
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	12.57
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	12.48
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	12.46
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	12.51
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	12.64
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	12.57
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	12.64
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	12.65
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	12.46
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	12.69
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	12.67
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	12.66

Ant.1 - Power Level A4(DC_2A_n7A)							
NR n7						Tune up: 12.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	11.47
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	11.62
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	11.67
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	11.56
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**11.70**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	11.47
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	11.62
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	11.62
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	11.65
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	11.59
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	11.59
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	11.53
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	11.49
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	11.47
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	11.50
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	11.64
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	11.47
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	11.52
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	11.68
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	11.47
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	11.60
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	11.48
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	11.62
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	11.68

Ant.1 - Power Level B1/B2							
NR n7						Tune up: 18.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17.54
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	17.70
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17.65
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	17.72
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	17.77
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	17.54
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	17.60
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.51
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.60
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	17.56
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	17.57
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.62
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.58
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.22
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	17.61
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	17.49
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	17.56
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	17.64
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	17.66
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	17.69
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	17.61
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	17.68
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	17.68
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	17.67

Ant.1 - Power Level B3(DC_2A_n7A)							
NR n7						Tune up: 16.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	15.71
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	15.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	15.58
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	15.50
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.77
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	15.48
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	15.71
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.66
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.64
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.69
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.51
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.67
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.51
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.63
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	15.54
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	15.72
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	15.59
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	15.51
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	15.62
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	15.65
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	15.66
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	15.71
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	15.66
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	15.69

Ant.1 - Power Level B4(DC_2A_n7A)							
NR n7						Tune up: 16.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	15.11
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	15.05
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	15.06
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	15.15
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.23
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	15.18
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	15.14
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.14
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.18
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.06
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.02
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.22
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.16
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.00
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	15.15
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	15.10
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	15.15
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	14.98
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	15.16
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	15.18
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	15.16
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	15.08
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	15.13
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	15.17

Ant.4 - Power Level A3/A4							
NR n7						Tune up: 22.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.49
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	21.53
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.54
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	21.47
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**21.57**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	21.43
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	21.52
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.47
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.01
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.96
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	19.96
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	19.46
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.98
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.95
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	19.82
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	19.89
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	20.79
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	20.85
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	20.34
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	21.34
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	21.52
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	21.46
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	21.54
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	21.49

Ant.4 - Power Level B3(DC_2A_n7A)							
NR n7						Tune up: 18.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17.96
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	17.71
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17.76
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	17.68
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**17.98**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	17.85
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	17.96
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.76
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.85
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.83
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	17.96
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.76
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.95
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.93
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	17.87
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	17.88
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	17.65
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	17.77
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	17.53
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	17.75
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	17.79
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	17.77
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	17.95
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	17.68

Ant.4 - Power Level B4(DC_2A_n7A)							
NR n7						Tune up: 18.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17.44
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	17.23
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17.43
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	17.21
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	**17.57**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	17.45
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	17.30
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.40
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.17
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	17.21
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	17.21
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	17.21
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.25
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.92
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	2535.0	507000	16.82
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	16.87
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	2535.0	507000	16.74
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	16.80
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	17.29
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	17.34
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	17.33
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	17.27
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	17.17
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	17.18

Ant.0 - Power Level A1/A2/B1/B2							
NR n38						Tune up: 24.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615	523000	22.95
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595	519000	22.93
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575	515000	22.93
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2605	521000	22.83
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595	519000	**22.98**
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2585	517000	22.86
30	30	DFT-s-OFDM PI/2 BPSK	Inner_Full	36@18	2595	519000	22.89
30	30	DFT-s-OFDM 16QAM	Inner_Full	36@18	2595	519000	21.80
30	30	DFT-s-OFDM 64QAM	Inner_Full	36@18	2595	519000	20.38
30	30	DFT-s-OFDM 256QAM	Inner_Full	36@18	2595	519000	18.42
30	30	CP-OFDM QPSK	Inner_Full	39@19	2595	519000	21.35
30	30	CP-OFDM 16QAM	Inner_Full	39@19	2595	519000	20.89
30	30	CP-OFDM 64QAM	Inner_Full	39@19	2595	519000	19.30
30	30	CP-OFDM 256QAM	Inner_Full	39@19	2595	519000	16.36
30	30	DFT-s-OFDM QPSK	Edge_Full _Right	2@76	2595	519000	21.62
30	30	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2595	519000	21.61
30	30	DFT-s-OFDM QPSK	Inner_1RB _Right	1@76	2595	519000	22.58
30	30	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2595	519000	22.47
30	30	DFT-s-OFDM QPSK	Outer_Full	75@0	2595	519000	12.85
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595	519000	22.95
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	22.89

Ant.1 - Power Level A1/A2							
NR n38						Tune up: 15.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615	523000	14.49
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595	519000	14.51
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575	515000	14.46
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2605	521000	14.33
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595	519000	**14.54**
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2585	517000	14.39
30	30	DFT-s-OFDM PI/2 BPSK	Inner_Full	36@18	2595	519000	14.38
30	30	DFT-s-OFDM 16QAM	Inner_Full	36@18	2595	519000	14.40
30	30	DFT-s-OFDM 64QAM	Inner_Full	36@18	2595	519000	14.33
30	30	DFT-s-OFDM 256QAM	Inner_Full	36@18	2595	519000	14.32
30	30	CP-OFDM QPSK	Inner_Full	39@19	2595	519000	14.50
30	30	CP-OFDM 16QAM	Inner_Full	39@19	2595	519000	14.50
30	30	CP-OFDM 64QAM	Inner_Full	39@19	2595	519000	14.43
30	30	CP-OFDM 256QAM	Inner_Full	39@19	2595	519000	14.51
30	30	DFT-s-OFDM QPSK	Edge_Full _Right	2@76	2595	519000	14.35
30	30	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2595	519000	14.40
30	30	DFT-s-OFDM QPSK	Inner_1RB _Right	1@76	2595	519000	14.33
30	30	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2595	519000	14.49
30	30	DFT-s-OFDM QPSK	Outer_Full	75@0	2595	519000	14.39
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595	519000	14.38
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	14.48

Ant.1 - Power Level B1/B2							
NR n38						Tune up: 18.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615	523000	17.59
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595	519000	17.63
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575	515000	17.49
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2605	521000	17.57
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595	519000	**17.66**
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2585	517000	17.64
30	30	DFT-s-OFDM PI/2 BPSK	Inner_Full	36@18	2595	519000	17.55
30	30	DFT-s-OFDM 16QAM	Inner_Full	36@18	2595	519000	17.55
30	30	DFT-s-OFDM 64QAM	Inner_Full	36@18	2595	519000	17.65
30	30	DFT-s-OFDM 256QAM	Inner_Full	36@18	2595	519000	17.63
30	30	CP-OFDM QPSK	Inner_Full	39@19	2595	519000	17.61
30	30	CP-OFDM 16QAM	Inner_Full	39@19	2595	519000	17.62
30	30	CP-OFDM 64QAM	Inner_Full	39@19	2595	519000	17.57
30	30	CP-OFDM 256QAM	Inner_Full	39@19	2595	519000	16.03
30	30	DFT-s-OFDM QPSK	Edge_Full _Right	2@76	2595	519000	17.51
30	30	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2595	519000	17.49
30	30	DFT-s-OFDM QPSK	Inner_1RB _Right	1@76	2595	519000	17.60
30	30	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2595	519000	17.61
30	30	DFT-s-OFDM QPSK	Outer_Full	75@0	2595	519000	17.56
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595	519000	17.62
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	17.56

Ant.0 - Power Level A1/A2/A3/A4							
NR n41						Tune up: 24.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	22.79
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	22.71
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	22.69
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	22.96
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	**22.98**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	22.78
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	22.97
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	21.87
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	20.33
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.34
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	21.37
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	20.84
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	19.25
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.29
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	21.12
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	21.01
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	22.06
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	21.94
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	21.74
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	22.86
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	22.86
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	22.84
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	22.87
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	22.85

Ant.0 - Power Level B1/B2							
NR 41						Tune up: 23.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	21.65
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	21.59
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	21.53
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	21.49
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	21.77
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	21.66
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	21.58
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	21.59
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	20.35
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.42
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	21.36
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	20.74
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	19.13
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.31
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	21.05
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	21.05
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	21.56
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	21.68
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	21.71
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	21.64
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	21.56
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	21.55
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	21.50
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	21.71

Ant.0 - Power Level B3(DC_26A_n41A)							
NR n41						Tune up: 21.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	19.63
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	19.68
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	19.51
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	19.55
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	**19.74**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	19.68
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	19.49
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	19.49
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	19.58
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.37
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	19.68
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	19.66
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	19.22
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.37
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	19.63
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	19.53
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	19.63
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	19.63
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	19.69
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	19.69
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	19.57
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	19.65
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	19.54
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	19.56

Ant.0 - Power Level B4(DC_26A_n41A)							
NR n41						Tune up: 20.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	18.70
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	18.65
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	18.65
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	18.65
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	18.71
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	18.50
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	18.56
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	18.65
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	18.64
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.33
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	18.57
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	18.69
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	18.50
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.22
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	18.53
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	18.62
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	18.64
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	18.48
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	18.70
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	18.64
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	18.58
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	18.51
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	18.65
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	18.68

Ant.1 - Power Level A1/A2							
NR n41						Tune up: 15.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	14.48
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	14.44
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	14.36
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	14.53
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	14.57
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	14.54
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	14.52
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	14.45
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	14.34
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	14.55
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	14.51
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	14.44
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	14.48
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	14.54
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	14.53
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	14.52
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	14.56
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	14.51
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	14.52
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	14.53
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	14.49
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	14.50
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	14.48
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	14.49

Ant.1 - Power Level A3(DC_26A_n41A)							
NR n41						Tune up: 13.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	12.37
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	12.47
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	12.35
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	12.38
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	12.51
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	12.29
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	12.33
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	12.45
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	12.44
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	12.47
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	12.38
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	12.35
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	12.37
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	12.49
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	12.30
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	12.42
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	12.46
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	12.46
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	12.43
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	12.31
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	12.46
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	12.38
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	12.47
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	12.48

Ant.1 - Power Level A4(DC_26A_n41A)							
NR n41						Tune up: 12.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	11.52
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	11.59
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	11.59
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	11.40
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	11.62
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	11.42
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	11.54
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	11.40
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	11.54
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	11.61
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	11.39
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	11.52
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	11.61
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	11.60
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	11.53
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	11.53
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	11.51
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	11.61
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	11.46
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	11.43
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	11.54
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	11.49
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	11.57
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	11.56

Ant.1 - Power Level B1/B2							
NR n41						Tune up: 18.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	17.46
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	17.49
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	17.56
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	17.60
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	17.64
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	17.58
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	17.62
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	17.46
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	17.47
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	17.59
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	17.61
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	17.51
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	17.47
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.03
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	17.52
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	17.63
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	17.62
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	17.63
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	17.57
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	17.60
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	17.56
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	17.59
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	17.61
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	17.62

Ant.1 - Power Level B3(DC_26A_n41A)							
NR n41						Tune up: 17.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	16.06
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	15.90
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	16.01
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	15.99
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	**16.08**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	16.07
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	16.00
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	16.05
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	16.01
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	15.90
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	15.91
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	16.05
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	15.91
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	15.92
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	16.07
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	15.91
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	15.92
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	16.07
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	15.90
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	15.89
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	15.95
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	16.00
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	16.03
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	16.04

Ant.1 - Power Level B4(DC_26A_n41A)							
NR n41						Tune up: 15.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	14.48
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	14.44
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	14.36
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	14.53
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	14.57
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	14.54
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	14.52
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	14.45
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	14.34
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	14.55
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	14.51
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	14.44
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	14.48
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	14.54
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	14.53
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	14.52
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	14.56
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	14.51
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	14.52
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	14.53
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	14.49
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	14.50
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	14.48
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	14.49

Ant.4 - Power Level A3/A4							
NR n41						Tune up: 22.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	20.58
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	21.11
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	21.13
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	20.81
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	21.21
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	21.20
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	21.15
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	20.07
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	18.57
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	16.68
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	19.54
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	19.07
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	17.47
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	14.51
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	19.02
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	19.46
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	20.01
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	20.47
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	19.91
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	21.03
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	21.07
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	21.05
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	21.08
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	21.08

Ant.4 - Power Level B3(DC_26A_n41A)							
NR n41						Tune up: 17.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	16.42
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	16.34
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	16.28
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	16.24
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	**16.57**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	16.36
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	16.38
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	16.36
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	16.25
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	16.56
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	16.39
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	16.15
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	16.18
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	14.49
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	15.60
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	15.88
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	15.56
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	15.98
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	16.41
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	16.41
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	16.28
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	16.28
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	16.21
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	16.36

Ant.4 - Power Level B4(DC_26A_n41A)							
NR n41						Tune up: 17.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2679.99	535998	15.69
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	15.86
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2506.02	501204	15.83
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	15.71
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	**16.07**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	15.89
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	15.81
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	15.86
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	15.77
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	16.06
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	15.88
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	15.75
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	15.70
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	14.48
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	2592.99	518598	15.74
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2592.99	518598	15.84
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	2592.99	518598	15.65
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2592.99	518598	15.76
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	15.65
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	15.76
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	15.76
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	15.80
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	15.94
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	15.75

Ant.0 - Power Level A1/A2/A3/A4							
NR n66						Tune up: 24.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	22.84
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	22.86
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	22.85
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	22.78
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**22.89**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	22.85
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	22.83
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.72
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.23
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.33
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.22
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.72
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.34
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.30
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	21.13
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	21.23
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	22.09
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	22.16
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.58
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	22.81
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	22.87
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	22.88
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	22.85
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	22.83

Ant.0 - Power Level B1/B2							
NR n66						Tune up: 23.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	21.92
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	21.68
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	21.85
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	21.92
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.93
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	21.83
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	21.91
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.64
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.23
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.27
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.34
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.67
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.44
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.27
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	21.04
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	21.12
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	21.76
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	21.74
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.75
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	21.68
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	21.91
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	21.85
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	21.72
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	21.76

Ant.0 - Power Level B3(DC_2A_n66A)							
NR n66						Tune up: 20.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	19.44
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	19.44
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	19.33
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	19.40
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**19.46**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	19.32
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	19.33
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.28
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.43
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.21
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.39
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.23
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.38
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.28
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	19.24
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	19.26
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	19.34
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	19.30
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	19.45
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	19.26
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	19.31
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	19.28
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	19.27
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	19.40

Ant.0 - Power Level B4(DC_2A_n66A)							
NR n66						Tune up: 20.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18.93
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	18.85
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	18.89
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	18.92
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**18.95**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	18.86
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	18.90
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.93
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.79
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.23
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.82
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.88
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.74
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.21
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	18.94
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	18.93
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	18.87
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	18.83
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	18.72
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	18.90
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	18.73
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	18.84
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	18.75
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	18.89

Ant.1 - Power Level A1/A2							
NR n66						Tune up: 16.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	15.46
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	15.42
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	15.44
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	15.32
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**15.56**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	15.45
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	15.46
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	15.46
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	15.37
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.47
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	15.47
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	15.55
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	15.46
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.47
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	15.52
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	15.49
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	15.42
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	15.52
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	15.47
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	15.42
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	15.44
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	15.38
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	15.41
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	15.54

Ant.1 - Power Level A3(DC_2A_n66A) / A4(DC_2A_n66A)							
NR n66						Tune up: 15.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	14.02
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	14.03
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	13.97
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	14.01
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**14.06**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	13.92
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	13.95
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	13.89
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	13.85
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	13.95
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	13.91
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	13.86
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	13.98
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	14.03
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	13.87
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	13.94
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	13.87
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	14.06
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	14.02
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	13.92
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	14.01
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	13.88
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	13.97
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	14.03

Ant.1 - Power Level B1/B2							
NR n66						Tune up: 22.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	21.60
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	21.50
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	21.46
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	21.58
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**21.67**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	21.53
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	21.55
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.43
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.60
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.72
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.58
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.87
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.68
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.55
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	21.41
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	21.51
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	21.53
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	21.57
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	20.88
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	21.63
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	21.41
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	21.47
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	21.63
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	21.42

Ant.1 - Power Level B3(DC_2A_n66A)							
NR n66						Tune up: 20.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	16.55
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	16.58
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	16.49
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	16.52
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**19.64**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	16.54
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	16.52
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	16.53
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	16.63
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.73
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	16.59
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	16.51
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.50
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.54
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	16.59
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	16.52
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	16.57
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	16.42
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	16.53
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	16.61
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	16.39
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	16.59
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	16.42
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	16.55

Ant.1 - Power Level B4(DC_2A_n66A)							
NR n66						Tune up: 19.7	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18.47
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	18.54
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	18.48
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	18.52
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.63
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	18.62
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	18.45
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.43
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.48
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.58
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.43
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.59
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.63
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.52
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	18.51
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	18.39
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	18.62
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	18.54
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	18.48
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	18.61
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	18.62
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	18.57
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	18.51
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	18.57

Ant.4 - Power Level A3/A4/B3/B4							
NR n66						Tune up: 23.2	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	22.41
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	22.43
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	22.44
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1770.0	354000	22.37
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**22.47**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	22.45
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	22.43
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.37
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.88
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.97
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.84
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.31
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.97
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.92
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	20.76
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	20.87
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	21.69
15	40	DFT-s-OFDM QPSK	Inner_1RB_ Left	1@1	1745.0	349000	21.81
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.24
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	22.35
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	22.46
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	22.46
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	22.39
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	22.38

10.5. Bluetooth and WLAN Measurement result

Table 10.5: The conducted Power measurement results for Bluetooth

Averaged Power (dBm)				
Mode	Tune up	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	13.0	11.74	11.76	**11.92**
EDR2M-4_DQPSK	11.0	10.45	10.68	10.72
EDR3M-8DPSK	11.0	10.71	10.79	10.87
/	/	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	7.0	5.34	5.90	4.95
BLE(2M)	7.0	5.28	5.87	4.91

Table 10.6: The conducted Power measurement results for WLAN 2.4GHz

Power Level a1		Averaged Power (dBm) Duty Cycle: **100%**		
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	16.5	14.64	**15.03**	14.86
802.11g	16.5	14.66	15.05	14.91
802.11n(20MHz)	16.5	14.59	15.03	14.83
802.11ac(20MHz)	16.5	14.55	15.02	14.84
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	16.5	13.22	15.01	13.17
802.11ac(40MHz)	16.5	13.18	14.95	13.12
Power Level a2		Averaged Power (dBm) Duty Cycle: **100%**		
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	12.5	10.63	**11.04**	10.85
802.11g	12.5	10.68	11.05	10.90
802.11n(20MHz)	12.5	10.57	11.01	10.81
802.11ac(20MHz)	12.5	10.57	11.00	10.87
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	12.5	10.70	11.03	10.68
802.11ac(40MHz)	12.5	10.69	10.95	10.59
Power Level b1		Averaged Power (dBm) Duty Cycle: **100%**		
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	20.0	18.07	**18.46**	18.30
802.11g	19.0	15.16	17.50	14.91
802.11n(20MHz)	19.0	15.08	17.49	14.83
802.11ac(20MHz)	19.0	15.03	17.45	14.84
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	18.0	13.22	16.47	13.17
802.11ac(40MHz)	18.0	13.18	16.43	13.12
Power Level b2		Averaged Power (dBm) Duty Cycle: **100%**		
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	16.5	14.64	**15.03**	14.86
802.11g	16.5	14.66	15.05	14.91
802.11n(20MHz)	16.5	14.59	15.03	14.83
802.11ac(20MHz)	16.5	14.55	15.02	14.84
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	16.5	13.22	15.01	13.17
802.11ac(40MHz)	16.5	13.18	14.95	13.12

Table 10.7: The conducted Power measurement results for WLAN 5GHz

Power Level a1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**12.1**	**12.1**	**12.1**	/	**12.0**	**12.0**	/	**12.0**
36(5180MHz)	10.36	10.18	10.17	38(5190MHz)	10.05	10.27	42(5210MHz)	10.19
40(5200MHz)	10.21	10.16	10.15	46(5230MHz)	10.14	10.38	/	/
44(5220MHz)	10.30	10.08	10.29	/	/	/	/	/
48(5240MHz)	10.33	10.30	10.23	/	/	/	/	/
<U-NII-2A>								
Tune up	**12.1**	**12.1**	**12.1**	/	**12.0**	**12.0**	/	**12.0**
52(5260MHz)	10.15	10.10	10.05	54(5270MHz)	9.82	9.97	58(5290MHz)	10.11
56(5280MHz)	10.23	10.16	10.14	62(5310MHz)	10.08	10.14	/	/
60(5300MHz)	10.25	10.09	10.10	/	/	/	/	/
64(5320MHz)	**10.32**	10.17	10.18	/	/	/	/	/
<U-NII-2C>								
Tune up	**12.1**	**12.1**	**12.1**	/	**12.0**	**12.0**	/	**12.0**
100(5500MHz)	10.05	9.96	9.95	102(5510MHz)	9.71	9.71	106(5530MHz)	9.68
116(5580MHz)	10.07	10.02	9.99	110(5550MHz)	9.81	10.01	122(5610MHz)	10.15
124(5620MHz)	10.14	10.00	9.95	126(5630MHz)	9.94	10.00	/	/
132(5660MHz)	10.15	10.07	10.06	134(5670MHz)	10.02	10.10	/	/
140(5700MHz)	**10.27**	10.21	10.14	/	/	/	/	/
<U-NII-3>								
Tune up	**12.1**	**12.1**	**12.1**	/	**12.0**	**12.0**	/	**12.0**
149(5745MHz)	10.22	10.11	10.11	151(5755MHz)	10.19	10.24	155(5775MHz)	10.22
157(5785MHz)	10.24	10.23	10.24	159(5795MHz)	10.16	10.17	/	/
165(5825MHz)	**10.26**	10.19	10.20	/	/	/	/	/

Power Level a2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**8.1**	**8.1**	**8.1**	/	**8.0**	**8.0**	/	**8.0**
36(5180MHz)	6.39	6.20	6.19	38(5190MHz)	6.07	6.28	42(5210MHz)	6.33
40(5200MHz)	6.21	6.17	6.17	46(5230MHz)	6.16	6.41	/	/
44(5220MHz)	6.31	6.09	6.30	/	/	/	/	/
48(5240MHz)	6.34	6.32	6.24	/	/	/	/	/
<U-NII-2A>								
Tune up	**8.1**	**8.1**	**8.1**	/	**8.0**	**8.0**	/	**8.0**
52(5260MHz)	6.17	6.12	6.07	54(5270MHz)	5.85	5.99	58(5290MHz)	6.25
56(5280MHz)	6.23	6.17	6.16	62(5310MHz)	6.11	6.15	/	/
60(5300MHz)	6.26	6.09	6.12	/	/	/	/	/
64(5320MHz)	**6.35**	6.19	6.21	/	/	/	/	/
<U-NII-2C>								
Tune up	**8.1**	**8.1**	**8.1**	/	**8.0**	**8.0**	/	**8.0**
100(5500MHz)	6.09	5.98	5.95	102(5510MHz)	5.74	5.74	106(5530MHz)	5.81
116(5580MHz)	6.11	6.04	6.00	110(5550MHz)	5.83	6.04	122(5610MHz)	6.26
124(5620MHz)	6.14	6.02	5.98	126(5630MHz)	5.96	6.02	/	/
132(5660MHz)	6.16	6.07	6.08	134(5670MHz)	6.05	6.14	/	/
140(5700MHz)	**6.29**	6.22	6.17	/	/	/	/	/
<U-NII-3>								
Tune up	**8.1**	**8.1**	**8.1**	/	**8.0**	**8.0**	/	**8.0**
149(5745MHz)	6.24	6.17	6.17	151(5755MHz)	6.23	6.26	155(5775MHz)	6.36
157(5785MHz)	**6.30**	6.27	6.27	159(5795MHz)	6.18	6.21	/	/
165(5825MHz)	6.29	6.24	6.24	/	/	/	/	/

Power Level b1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**15.6**	**15.6**	**15.6**	/	**15.5**	**15.5**	/	**15.0**
36(5180MHz)	13.82	13.72	13.71	38(5190MHz)	13.57	13.74	42(5210MHz)	13.15
40(5200MHz)	13.79	13.75	13.66	46(5230MHz)	13.64	13.89	/	/
44(5220MHz)	13.84	13.79	13.76	/	/	/	/	/
48(5240MHz)	**13.90**	13.82	13.78	/	/	/	/	/
<U-NII-2A>								
Tune up	**15.6**	**15.6**	**15.6**	/	**15.5**	**15.5**	/	**14.5**
52(5260MHz)	13.65	13.58	13.54	54(5270MHz)	13.35	13.48	58(5290MHz)	12.56
56(5280MHz)	13.74	13.66	13.63	62(5310MHz)	13.06	13.11	/	/
60(5300MHz)	13.76	13.61	13.59	/	/	/	/	/
64(5320MHz)	**13.79**	13.68	13.67	/	/	/	/	/
<U-NII-2C>								
Tune up	**15.6**	**15.6**	**15.6**	/	**15.5**	**15.5**	/	**15.5**
100(5500MHz)	13.54	13.43	13.45	102(5510MHz)	11.19	11.23	106(5530MHz)	11.21
116(5580MHz)	13.58	13.50	13.49	110(5550MHz)	13.33	13.49	122(5610MHz)	13.65
124(5620MHz)	13.65	13.51	13.45	126(5630MHz)	13.45	13.53	/	/
132(5660MHz)	13.67	13.54	13.55	134(5670MHz)	13.54	13.61	/	/
140(5700MHz)	**13.78**	13.69	13.65	/	/	/	/	/
<U-NII-3>								
Tune up	**15.6**	**15.6**	**15.6**	/	**15.5**	**15.5**	/	**15.5**
149(5745MHz)	13.69	13.64	13.64	151(5755MHz)	13.72	13.77	155(5775MHz)	13.69
157(5785MHz)	**13.77**	13.71	13.74	159(5795MHz)	13.64	13.66	/	/
165(5825MHz)	13.76	13.69	13.72	/	/	/	/	/

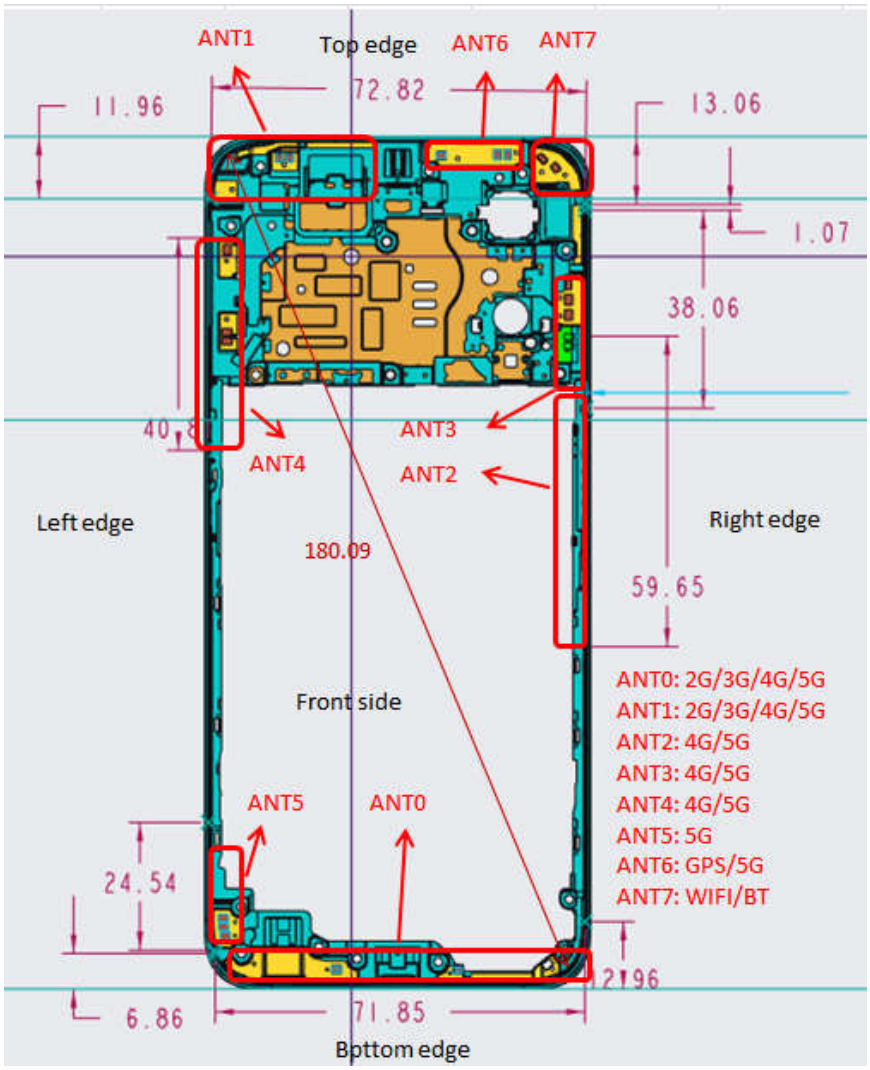
Power Level b2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**11.6**	**11.6**	**11.6**	/	**11.5**	**11.5**	/	**11.5**
36(5180MHz)	9.81	9.69	9.67	38(5190MHz)	9.56	9.77	42(5210MHz)	9.78
40(5200MHz)	9.70	9.66	9.65	46(5230MHz)	9.63	9.88	/	/
44(5220MHz)	9.80	9.58	9.78	/	/	/	/	/
48(5240MHz)	**9.83**	9.81	9.72	/	/	/	/	/
<U-NII-2A>								
Tune up	**11.6**	**11.6**	**11.6**	/	**11.5**	**11.5**	/	**11.5**
52(5260MHz)	9.66	9.60	9.54	54(5270MHz)	9.32	9.46	58(5290MHz)	9.70
56(5280MHz)	9.72	9.66	9.65	62(5310MHz)	9.59	9.63	/	/
60(5300MHz)	9.74	9.58	9.59	/	/	/	/	/
64(5320MHz)	**9.82**	9.66	9.68	/	/	/	/	/
<U-NII-2C>								
Tune up	**11.6**	**11.6**	**11.6**	/	**11.5**	**11.5**	/	**11.5**
100(5500MHz)	9.56	9.47	9.44	102(5510MHz)	9.22	9.21	106(5530MHz)	9.27
116(5580MHz)	9.58	9.51	9.49	110(5550MHz)	9.30	9.51	122(5610MHz)	9.71
124(5620MHz)	9.63	9.49	9.45	126(5630MHz)	9.45	9.50	/	/
132(5660MHz)	9.65	9.56	9.57	134(5670MHz)	9.53	9.61	/	/
140(5700MHz)	**9.77**	9.70	9.65	/	/	/	/	/
<U-NII-3>								
Tune up	**11.6**	**11.6**	**11.6**	/	**11.5**	**11.5**	/	**11.5**
149(5745MHz)	9.70	9.62	9.58	151(5755MHz)	9.68	9.71	155(5775MHz)	9.78
157(5785MHz)	**9.75**	9.73	9.73	159(5795MHz)	9.64	9.67	/	/
165(5825MHz)	9.74	9.70	9.72	/	/	/	/	/

11. Simultaneous TX SAR Considerations

11.1. Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter.
For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Back View)

Note:

Antenna	Frequency Bands
Ant.0	TX: GSM 850/1900, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/26/38/41/66, NR n5/n7/n38/n41/n66
Ant.1	TX: GSM 850/1900, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/26/38/41/66, NR n5/n7/n38/n41/n66
Ant.2	RX
Ant.3	RX
Ant.4	TX: LTE Band 2/7/66, NR n7/n41/n66
Ant.5	RX
Ant.6	GPS
Ant.7	TX: Bluetooth, WLAN 2.4GHz/5GHz

5G ENDC list:

NR Band	NR_Ant	LTE Band	LTE_Ant
5	0	7	1
		66	1
		7	4
		66	4
	1	7	0
		66	0
		7	4
		66	4
7	0	2	1
		2	4
		5	1
		66	1
		66	4
	1	2	0
		2	4
		5	0
		66	0
		66	4
	4	2	0
		2	1
		5	0
		5	1
		66	0
		66	1
41	0	26	1
	1	26	0
	4	26	0
		26	1
66	0	2	1
		2	4
		5	1
		7	1
		7	4
	1	2	0
		2	4
		5	0
		7	0
		7	4
	4	2	0
		2	1
		5	0
		5	1
		7	0
		7	1

11.3. SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 25mm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Antenna	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	Yes	Yes	Yes	Yes	No	Yes
Ant.1	Yes	Yes	Yes	Yes	Yes	No
Ant.4	Yes	Yes	Yes	No	Yes	No
Ant.7	Yes	Yes	Yes	Yes	Yes	No

12. Evaluation of Simultaneous

No.	Simultaneous Transmission Configuration
1	WWAN + Bluetooth
2	WWAN + WLAN 2.4GHz
3	WWAN + WLAN 5GHz
4	Bluetooth + WLAN 5GHz
5	WWAN + Bluetooth + WLAN 5GHz

Table 12.1: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest reported SAR value for Head	Right Tilt (LTE Band 2 + WLAN 5GHz + Bluetooth)	**1.43**
Highest reported SAR value for Hotspot	Top Side (NR n66 + WLAN 5GHz + Bluetooth)	**1.54**
Highest reported SAR value for Body-worn	Rear Side (NR n66 + WLAN 5GHz + Bluetooth)	**0.76**

Note: the test positions of above tables are for the worse case that has been evaluated.

Conclusion:

According to the above tables, the sum of reported SAR values is less than limit. So the simultaneous transmission SAR with volume scans is not required.

Table 12.2: The sum of SAR values for ENDC (Head)

				Left Cheek			Left Tilt			Right Cheek			Right Tilt		
NR	NR ant	LTE	LTE ant	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM
n5	0	B7	1	0.20	0.15	**0.35**	0.12	0.16	**0.28**	0.18	0.41	**0.59**	0.10	0.54	**0.64**
		B7	4	0.20	0.19	**0.39**	0.12	0.16	**0.28**	0.18	0.44	**0.62**	0.10	0.25	**0.35**
		B66	1	0.20	0.23	**0.43**	0.12	0.26	**0.38**	0.18	0.47	**0.65**	0.10	0.62	**0.72**
		B66	4	0.20	0.01	**0.21**	0.12	0.01	**0.13**	0.18	0.06	**0.24**	0.10	0.01	**0.11**
	1	B7	0	0.22	0.20	**0.42**	0.19	0.11	**0.30**	0.30	0.39	**0.69**	0.24	0.18	**0.42**
		B7	4	0.22	0.19	**0.41**	0.19	0.16	**0.35**	0.30	0.44	**0.74**	0.24	0.25	**0.49**
		B66	0	0.22	0.08	**0.30**	0.19	0.07	**0.26**	0.30	0.05	**0.35**	0.24	0.05	**0.29**
		B66	4	0.22	0.01	**0.23**	0.19	0.01	**0.20**	0.30	0.06	**0.36**	0.24	0.01	**0.25**
n7	0	B2	1	0.28	0.23	**0.51**	0.18	0.20	**0.38**	0.55	0.45	**1.00**	0.30	0.60	**0.90**
		B2	4	0.28	0.00	**0.28**	0.18	0.00	**0.18**	0.55	0.00	**0.55**	0.30	0.00	**0.30**
		B5	1	0.28	0.29	**0.57**	0.18	0.22	**0.40**	0.55	0.36	**0.91**	0.30	0.30	**0.60**
		B66	1	0.28	0.23	**0.51**	0.18	0.26	**0.44**	0.55	0.47	**1.02**	0.30	0.62	**0.92**
		B66	4	0.28	0.01	**0.29**	0.18	0.01	**0.19**	0.55	0.06	**0.61**	0.30	0.01	**0.31**
	1	B2	0	0.17	0.08	**0.25**	0.21	0.06	**0.27**	0.39	0.07	**0.46**	0.46	0.07	**0.53**
		B2	4	0.17	0.00	**0.17**	0.21	0.00	**0.21**	0.39	0.00	**0.39**	0.46	0.00	**0.46**
		B5	0	0.17	0.20	**0.37**	0.21	0.11	**0.32**	0.39	0.18	**0.57**	0.46	0.10	**0.56**
		B66	0	0.17	0.08	**0.25**	0.21	0.07	**0.28**	0.39	0.05	**0.44**	0.46	0.05	**0.51**
		B66	4	0.17	0.01	**0.18**	0.21	0.01	**0.22**	0.39	0.06	**0.45**	0.46	0.01	**0.47**
	4	B2	0	0.19	0.08	**0.27**	0.15	0.06	**0.21**	0.43	0.07	**0.50**	0.22	0.07	**0.29**
		B2	1	0.19	0.23	**0.42**	0.15	0.20	**0.35**	0.43	0.45	**0.88**	0.22	0.60	**0.82**
		B5	0	0.19	0.20	**0.39**	0.15	0.11	**0.26**	0.43	0.18	**0.61**	0.22	0.10	**0.32**
		B5	1	0.19	0.29	**0.48**	0.15	0.22	**0.37**	0.43	0.36	**0.79**	0.22	0.30	**0.52**
		B66	0	0.19	0.08	**0.27**	0.15	0.07	**0.22**	0.43	0.05	**0.48**	0.22	0.05	**0.27**
		B66	1	0.19	0.23	**0.42**	0.15	0.26	**0.41**	0.43	0.47	**0.90**	0.22	0.62	**0.84**
n41	0	B26	1	0.28	0.32	**0.60**	0.17	0.25	**0.42**	0.59	0.43	**1.02**	0.24	0.39	**0.63**
	1	B26	0	0.12	0.19	**0.31**	0.16	0.11	**0.27**	0.47	0.17	**0.64**	0.55	0.10	**0.65**
	4	B26	0	0.19	0.19	**0.38**	0.10	0.11	**0.21**	0.45	0.17	**0.62**	0.20	0.10	**0.30**
		B26	1	0.19	0.32	**0.51**	0.10	0.25	**0.35**	0.45	0.43	**0.88**	0.20	0.39	**0.59**
n66	0	B2	1	0.15	0.28	**0.43**	0.08	0.25	**0.33**	0.09	0.55	**0.64**	0.08	0.75	**0.83**
		B2	4	0.15	0.00	**0.15**	0.08	0.00	**0.08**	0.09	0.00	**0.09**	0.08	0.00	**0.08**
		B5	1	0.15	0.29	**0.44**	0.08	0.22	**0.30**	0.09	0.36	**0.45**	0.08	0.30	**0.38**
		B7	1	0.15	0.09	**0.24**	0.08	0.10	**0.18**	0.09	0.26	**0.35**	0.08	0.35	**0.43**
		B7	4	0.15	0.19	**0.34**	0.08	0.16	**0.24**	0.09	0.44	**0.53**	0.08	0.25	**0.33**
	1	B2	0	0.34	0.08	**0.42**	0.40	0.06	**0.46**	0.69	0.07	**0.76**	0.72	0.07	**0.79**
		B2	4	0.34	0.00	**0.34**	0.40	0.00	**0.40**	0.69	0.00	**0.69**	0.72	0.00	**0.72**
		B5	0	0.34	0.20	**0.54**	0.40	0.11	**0.51**	0.69	0.18	**0.87**	0.72	0.10	**0.82**
		B7	0	0.34	0.20	**0.54**	0.40	0.11	**0.51**	0.69	0.39	**1.08**	0.72	0.18	**0.90**
		B7	4	0.34	0.19	**0.53**	0.40	0.16	**0.56**	0.69	0.44	**1.13**	0.72	0.25	**0.97**
	4	B2	0	0.11	0.08	**0.19**	0.07	0.06	**0.13**	0.23	0.07	**0.30**	0.08	0.07	**0.15**
		B2	1	0.11	0.28	**0.39**	0.07	0.25	**0.32**	0.23	0.55	**0.78**	0.08	0.75	**0.83**
		B5	0	0.11	0.20	**0.31**	0.07	0.11	**0.18**	0.23	0.18	**0.41**	0.08	0.10	**0.18**
		B5	1	0.11	0.29	**0.40**	0.07	0.22	**0.29**	0.23	0.36	**0.59**	0.08	0.30	**0.38**
		B7	0	0.11	0.20	**0.31**	0.07	0.11	**0.18**	0.23	0.39	**0.62**	0.08	0.18	**0.26**
		B7	1	0.11	0.09	**0.20**	0.07	0.10	**0.17**	0.23	0.26	**0.49**	0.08	0.35	**0.43**

Table 12.3: The sum of SAR values for ENDC (Hotspot)

				Front			Rear			Left			Right			Top			Bottom		
NR	NR ant	LTE	LTE ant	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM	NR	LTE	SUM
n5	0	B7	1	0.12	0.17	**0.29**	0.19	0.38	**0.57**	0.12	0.12	**0.24**	0.09	0.01	**0.10**	0.00	0.51	**0.51**	0.16	0.00	**0.16**
		B7	4	0.12	0.07	**0.19**	0.19	0.61	**0.80**	0.12	0.38	**0.50**	0.09	0.00	**0.09**	0.00	0.08	**0.08**	0.16	0.00	**0.16**
		B66	1	0.12	0.47	**0.59**	0.19	0.54	**0.73**	0.12	0.14	**0.26**	0.09	0.07	**0.16**	0.00	0.71	**0.71**	0.16	0.00	**0.16**
		B66	4	0.12	0.01	**0.13**	0.19	0.08	**0.27**	0.12	0.05	**0.17**	0.09	0.00	**0.09**	0.00	0.00	**0.00**	0.16	0.00	**0.16**
	1	B7	0	0.13	0.43	**0.56**	0.19	0.52	**0.71**	0.07	0.05	**0.12**	0.08	0.33	**0.41**	0.14	0.00	**0.14**	0.00	0.39	**0.39**
		B7	4	0.13	0.07	**0.20**	0.19	0.61	**0.80**	0.07	0.38	**0.45**	0.08	0.00	**0.08**	0.14	0.08	**0.22**	0.00	0.00	**0.00**
		B66	0	0.13	0.26	**0.39**	0.19	0.43	**0.62**	0.07	0.07	**0.14**	0.08	0.11	**0.19**	0.14	0.00	**0.14**	0.00	0.68	**0.68**
		B66	4	0.13	0.01	**0.14**	0.19	0.08	**0.27**	0.07	0.05	**0.12**	0.08	0.00	**0.08**	0.14	0.00	**0.14**	0.00	0.00	**0.00**
n7	0	B2	1	0.38	0.27	**0.65**	0.44	0.34	**0.78**	0.05	0.07	**0.12**	0.30	0.02	**0.32**	0.00	0.45	**0.45**	0.38	0.00	**0.38**
		B2	4	0.38	0.00	**0.38**	0.44	0.03	**0.47**	0.05	0.02	**0.07**	0.30	0.00	**0.30**	0.00	0.00	**0.00**	0.38	0.00	**0.38**
		B5	1	0.38	0.19	**0.57**	0.44	0.29	**0.73**	0.05	0.12	**0.17**	0.30	0.13	**0.43**	0.00	0.20	**0.20**	0.38	0.00	**0.38**
		B66	1	0.38	0.37	**0.75**	0.44	0.42	**0.86**	0.05	0.11	**0.16**	0.30	0.05	**0.35**	0.00	0.55	**0.55**	0.38	0.00	**0.38**
		B66	4	0.38	0.01	**0.39**	0.44	0.08	**0.52**	0.05	0.05	**0.10**	0.30	0.00	**0.30**	0.00	0.00	**0.00**	0.38	0.00	**0.38**
	1	B2	0	0.11	0.26	**0.37**	0.23	0.45	**0.68**	0.07	0.08	**0.15**	0.01	0.14	**0.15**	0.41	0.00	**0.41**	0.00	0.63	**0.63**
		B2	4	0.11	0.00	**0.11**	0.23	0.03	**0.26**	0.07	0.02	**0.09**	0.01	0.00	**0.01**	0.41	0.00	**0.41**	0.00	0.00	**0.00**
		B5	0	0.11	0.14	**0.25**	0.23	0.25	**0.48**	0.07	0.16	**0.23**	0.01	0.11	**0.12**	0.41	0.00	**0.41**	0.00	0.18	**0.18**
		B66	0	0.11	0.18	**0.29**	0.23	0.30	**0.53**	0.07	0.05	**0.12**	0.01	0.08	**0.09**	0.41	0.00	**0.41**	0.00	0.47	**0.47**
		B66	4	0.11	0.01	**0.12**	0.23	0.08	**0.31**	0.07	0.05	**0.12**	0.01	0.00	**0.01**	0.41	0.00	**0.41**	0.00	0.00	**0.00**
	4	B2	0	0.05	0.26	**0.31**	0.36	0.45	**0.81**	0.25	0.08	**0.33**	0.00	0.14	**0.14**	0.06	0.00	**0.06**	0.00	0.63	**0.63**
		B2	1	0.05	0.27	**0.32**	0.36	0.34	**0.70**	0.25	0.07	**0.32**	0.00	0.02	**0.02**	0.06	0.45	**0.51**	0.00	0.00	**0.00**
		B5	0	0.05	0.14	**0.19**	0.36	0.25	**0.61**	0.25	0.16	**0.41**	0.00	0.11	**0.11**	0.06	0.00	**0.06**	0.00	0.18	**0.18**
		B5	1	0.05	0.19	**0.24**	0.36	0.29	**0.65**	0.25	0.12	**0.37**	0.00	0.13	**0.13**	0.06	0.20	**0.26**	0.00	0.00	**0.00**
		B66	0	0.05	0.18	**0.23**	0.36	0.30	**0.66**	0.25	0.05	**0.30**	0.00	0.08	**0.08**	0.06	0.00	**0.06**	0.00	0.47	**0.47**
		B66	1	0.05	0.37	**0.42**	0.36	0.42	**0.78**	0.25	0.11	**0.36**	0.00	0.05	**0.05**	0.06	0.55	**0.61**	0.00	0.00	**0.00**
n41	0	B26	1	0.29	0.19	**0.48**	0.37	0.29	**0.66**	0.03	0.14	**0.17**	0.21	0.13	**0.34**	0.00	0.23	**0.23**	0.37	0.00	**0.37**
	1	B26	0	0.02	0.11	**0.13**	0.45	0.19	**0.64**	0.16	0.13	**0.29**	0.02	0.08	**0.10**	0.53	0.00	**0.53**	0.00	0.17	**0.17**
	4	B26	0	0.02	0.11	**0.13**	0.31	0.19	**0.50**	0.21	0.13	**0.34**	0.00	0.08	**0.08**	0.04	0.00	**0.04**	0.00	0.17	**0.17**
		B26	1	0.02	0.19	**0.21**	0.31	0.29	**0.60**	0.21	0.14	**0.35**	0.00	0.13	**0.13**	0.04	0.23	**0.27**	0.00	0.00	**0.00**
n66	0	B2	1	0.29	0.27	**0.56**	0.48	0.34	**0.82**	0.08	0.07	**0.15**	0.14	0.02	**0.16**	0.00	0.45	**0.45**	0.64	0.00	**0.64**
		B2	4	0.29	0.00	**0.29**	0.48	0.02	**0.50**	0.08	0.01	**0.09**	0.14	0.00	**0.14**	0.00	0.00	**0.00**	0.64	0.00	**0.64**
		B5	1	0.29	0.21	**0.50**	0.48	0.32	**0.80**	0.08	0.14	**0.22**	0.14	0.14	**0.28**	0.00	0.22	**0.22**	0.64	0.00	**0.64**
		B7	1	0.29	0.14	**0.43**	0.48	0.31	**0.79**	0.08	0.09	**0.17**	0.14	0.01	**0.15**	0.00	0.41	**0.41**	0.64	0.00	**0.64**
		B7	4	0.29	0.05	**0.34**	0.48	0.37	**0.85**	0.08	0.23	**0.31**	0.14	0.00	**0.14**	0.00	0.05	**0.05**	0.64	0.00	**0.64**
	1	B2	0	0.50	0.24	**0.74**	0.64	0.41	**1.05**	0.15	0.07	**0.22**	0.07	0.13	**0.20**	0.77	0.00	**0.77**	0.00	0.57	**0.57**
		B2	4	0.50	0.00	**0.50**	0.64	0.02	**0.66**	0.15	0.01	**0.16**	0.07	0.00	**0.07**	0.77	0.00	**0.77**	0.00	0.00	**0.00**
		B5	0	0.50	0.15	**0.65**	0.64	0.27	**0.91**	0.15	0.17	**0.32**	0.07	0.12	**0.19**	0.77	0.00	**0.77**	0.00	0.19	**0.19**
		B7	0	0.50	0.30	**0.80**	0.64	0.37	**1.01**	0.15	0.04	**0.19**	0.07	0.23	**0.30**	0.77	0.00	**0.77**	0.00	0.28	**0.28**
		B7	4	0.50	0.05	**0.55**	0.64	0.37	**1.01**	0.15	0.23	**0.38**	0.07	0.00	**0.07**	0.77	0.05	**0.82**	0.00	0.00	**0.00**
	4	B2	0	0.05	0.24	**0.29**	0.31	0.41	**0.72**	0.24	0.07	**0.31**	0.00	0.13	**0.13**	0.03	0.00	**0.03**	0.00	0.57	**0.57**
		B2	1	0.05	0.27	**0.32**	0.31	0.34	**0.65**	0.24	0.07	**0.31**	0.00	0.02	**0.02**	0.03	0.45	**0.48**	0.00	0.00	**0.00**
		B5	0	0.05	0.15	**0.20**	0.31	0.27	**0.58**	0.24	0.17	**0.41**	0.00	0.12	**0.12**	0.03	0.00	**0.03**	0.00	0.19	**0.19**
		B5	1	0.05	0.21	**0.26**	0.31	0.32	**0.63**	0.24	0.14	**0.38**	0.00	0.14	**0.14**	0.03	0.22	**0.25**	0.00	0.00	**0.00**
		B7	0	0.05	0.30	**0.35**	0.31	0.37	**0.68**	0.24	0.04	**0.28**	0.00	0.23	**0.23**	0.03	0.00	**0.03**	0.00	0.28	**0.28**
		B7	1	0.05	0.14	**0.19**	0.31	0.31	**0.62**	0.24	0.09	**0.33**	0.00	0.01	**0.01**	0.03	0.41	**0.44**	0.00	0.00	**0.00**

Table 12.4: The sum of SAR values for ENDC (Body-worn)

				Front			Rear		
NR	NR ant	LTE	LTE ant	NR	LTE	SUM	NR	LTE	SUM
n5	0	B7	1	0.11	0.09	**0.20**	0.15	0.18	**0.33**
		B7	4	0.11	0.04	**0.15**	0.15	0.27	**0.42**
		B66	1	0.11	0.32	**0.43**	0.15	0.40	**0.55**
		B66	4	0.11	0.00	**0.11**	0.15	0.00	**0.15**
	1	B7	0	0.07	0.24	**0.31**	0.09	0.26	**0.35**
		B7	4	0.07	0.04	**0.11**	0.09	0.27	**0.36**
		B66	0	0.07	0.20	**0.27**	0.09	0.25	**0.34**
		B66	4	0.07	0.00	**0.07**	0.09	0.00	**0.09**
n7	0	B2	1	0.25	0.13	**0.38**	0.24	0.19	**0.43**
		B2	4	0.25	0.00	**0.25**	0.24	0.01	**0.25**
		B5	1	0.25	0.11	**0.36**	0.24	0.14	**0.38**
		B66	1	0.25	0.20	**0.45**	0.24	0.26	**0.50**
		B66	4	0.25	0.00	**0.25**	0.24	0.00	**0.24**
	1	B2	0	0.05	0.14	**0.19**	0.12	0.24	**0.36**
		B2	4	0.05	0.00	**0.05**	0.12	0.01	**0.13**
		B5	0	0.05	0.12	**0.17**	0.12	0.17	**0.29**
		B66	0	0.05	0.13	**0.18**	0.12	0.16	**0.28**
		B66	4	0.05	0.00	**0.05**	0.12	0.00	**0.12**
	4	B2	0	0.03	0.14	**0.17**	0.16	0.24	**0.40**
		B2	1	0.03	0.13	**0.16**	0.16	0.19	**0.35**
		B5	0	0.03	0.12	**0.15**	0.16	0.17	**0.33**
		B5	1	0.03	0.11	**0.14**	0.16	0.14	**0.30**
		B66	0	0.03	0.13	**0.16**	0.16	0.16	**0.32**
		B66	1	0.03	0.20	**0.23**	0.16	0.26	**0.42**
n41	0	B26	1	0.20	0.12	**0.32**	0.19	0.17	**0.36**
	1	B26	0	0.10	0.08	**0.18**	0.18	0.11	**0.29**
	4	B26	0	0.04	0.08	**0.12**	0.13	0.11	**0.24**
		B26	1	0.04	0.12	**0.16**	0.13	0.17	**0.30**
n66	0	B2	1	0.16	0.13	**0.29**	0.26	0.19	**0.45**
		B2	4	0.16	0.00	**0.16**	0.26	0.01	**0.27**
		B5	1	0.16	0.12	**0.28**	0.26	0.15	**0.41**
		B7	1	0.16	0.07	**0.23**	0.26	0.14	**0.40**
		B7	4	0.16	0.02	**0.18**	0.26	0.17	**0.43**
	1	B2	0	0.25	0.14	**0.39**	0.35	0.24	**0.59**
		B2	4	0.25	0.00	**0.25**	0.35	0.01	**0.36**
		B5	0	0.25	0.14	**0.39**	0.35	0.19	**0.54**
		B7	0	0.25	0.17	**0.42**	0.35	0.18	**0.53**
		B7	4	0.25	0.02	**0.27**	0.35	0.17	**0.52**
	4	B2	0	0.02	0.14	**0.16**	0.10	0.24	**0.34**
		B2	1	0.02	0.13	**0.15**	0.10	0.19	**0.29**
		B5	0	0.02	0.14	**0.16**	0.10	0.19	**0.29**
		B5	1	0.02	0.12	**0.14**	0.10	0.15	**0.25**
		B7	0	0.02	0.17	**0.19**	0.10	0.18	**0.28**
		B7	1	0.02	0.07	**0.09**	0.10	0.14	**0.24**

13. Summary of Test Results

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{Target} - P_{Measured})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

$P_{Measured}$ is the measured power in chapter 10.

General Note:

1. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension> 16.0 cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.
a. WLAN5GHz U-NII-2A and U-NII-2C tested the product specific 10g SAR since it has no hotspot mode.
b. When 10-g product specific 10g SAR is considered, SAR thresholds is specified in the procedures for SAR test reduction and exclusion should be multiplied by 2.5.

2. The device support dual SIMs, SIM1 was used for the all configuration SAR testing and SIM2 test the worst case SAR of SIM1.

3. M2: Mobile Phone CPH2483 (Fiberglass material shell)
B2 **(**Battery): BLP923 (Dongguan NVT Technology Limited)
B3 **(**Battery): BLP923 (TWS Technology (Guangzhou) Limited)

Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS	1:2
WCDMA	1:1
FDD_LTE	1:1
TDD_LTE	1:1.58
NR	1:1
Bluetooth	1:1
WLAN	1:1

13.1. Test Results for 2G/3G/4G

Table 13.1: SAR Values (GSM 850 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
190	836.6	Speech	Left Cheek	/	32.88	33.5	0.171	**0.20**	0.11
190	836.6	Speech	Left Tilt	/	32.88	33.5	0.096	**0.11**	0.04
190	836.6	Speech	Right Cheek	/	32.88	33.5	0.151	**0.17**	0.02
190	836.6	Speech	Right Tilt	/	32.88	33.5	0.081	**0.09**	-0.03

Table 13.2: SAR Values (GSM 850 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
190	836.6	GPRS-4	Front	/	27.79	28.5	0.209	**0.25**	0.01
190	836.6	GPRS-4	Rear	**2**	27.79	28.5	**0.329**	**0.39**	0.01
190	836.6	GPRS-4	Left	/	27.79	28.5	0.209	**0.25**	0.03
190	836.6	GPRS-4	Right	/	27.79	28.5	0.143	**0.17**	-0.16
190	836.6	GPRS-4	Bottom	/	27.79	28.5	0.273	**0.32**	0.05
Body-Worn Test Data (15mm) - Power Level B1/B2									
190	836.6	GPRS-4	Front	/	27.79	28.5	0.176	**0.21**	0.02
190	836.6	GPRS-4	Rear	/	27.79	28.5	0.212	**0.25**	-0.04

Table 13.3: SAR Values (GSM 850 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
190	836.6	Speech	Left Cheek	/	29.65	30.0	0.293	**0.32**	0.08
190	836.6	Speech	Left Tilt	/	29.65	30.0	0.225	**0.24**	0.06
190	836.6	Speech	Right Cheek	**1**	29.65	30.0	**0.556**	**0.60**	0.08
190	836.6	Speech	Right Tilt	/	29.65	30.0	0.486	**0.53**	0.01

Table 13.4: SAR Values (GSM 850 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
190	836.6	GPRS-4	Front	/	27.27	28.0	0.208	**0.25**	-0.02
190	836.6	GPRS-4	Rear	/	27.27	28.0	0.285	**0.34**	0.03
190	836.6	GPRS-4	Left	/	27.27	28.0	0.141	**0.17**	0.11
190	836.6	GPRS-4	Right	/	27.27	28.0	0.149	**0.18**	-0.09
190	836.6	GPRS-4	Top	/	27.27	28.0	0.227	**0.27**	0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
190	836.6	GPRS-4	Front	/	27.27	28.0	0.130	**0.15**	0.11
190	836.6	GPRS-4	Rear	/	27.27	28.0	0.139	**0.16**	0.09

Table 13.1: SAR Values (GSM 1900 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
661	1880.0	Speech	Left Cheek	/	29.97	30.5	0.058	**0.07**	0.11
661	1880.0	Speech	Left Tilt	/	29.97	30.5	0.042	**0.05**	0.00
661	1880.0	Speech	Right Cheek	/	29.97	30.5	0.043	**0.05**	0.10
661	1880.0	Speech	Right Tilt	/	29.97	30.5	0.037	**0.04**	-0.18

Table 13.2: SAR Values (GSM 1900 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
661	1880.0	GPRS-4	Front	/	24.64	25.5	0.240	**0.29**	-0.13
661	1880.0	GPRS-4	Rear	/	24.64	25.5	0.465	**0.57**	-0.11
661	1880.0	GPRS-4	Left	/	24.64	25.5	0.074	**0.09**	-0.03
661	1880.0	GPRS-4	Right	/	24.64	25.5	0.131	**0.16**	0.09
661	1880.0	GPRS-4	Bottom	/	24.64	25.5	0.759	**0.93**	0.07
810	1909.8	GPRS-4	Bottom	/	24.69	25.5	0.719	**0.87**	0.11
512	1850.2	GPRS-4	Bottom	**4**	24.67	25.5	**0.812**	**0.98**	0.13
Body-Worn Test Data (15mm) - Power Level B1/B2									
661	1880.0	GPRS-4	Front	/	24.64	25.5	0.142	**0.17**	0.08
661	1880.0	GPRS-4	Rear	/	24.64	25.5	0.300	**0.37**	0.05

Table 13.3: SAR Values (GSM 1900 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
661	1880.0	Speech	Left Cheek	/	26.25	27.0	0.452	**0.54**	-0.06
661	1880.0	Speech	Left Tilt	/	26.25	27.0	0.538	**0.64**	0.02
661	1880.0	Speech	Right Cheek	/	26.25	27.0	0.884	**1.05**	0.03
661	1880.0	Speech	Right Tilt	/	26.25	27.0	0.940	**1.12**	0.07
810	1909.8	Speech	Right Cheek	/	26.18	27.0	0.852	**1.03**	-0.03
512	1850.2	Speech	Right Cheek	/	26.51	27.0	0.911	**1.02**	-0.12
810	1909.8	Speech	Right Tilt	/	26.18	27.0	0.871	**1.05**	0.03
512	1850.2	Speech	Right Tilt	**3**	26.51	27.0	**1.030**	**1.15**	0.05

Table 13.4: SAR Values (GSM 1900 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
661	1880.0	GPRS-4	Front	/	24.81	25.5	0.444	**0.52**	0.02
661	1880.0	GPRS-4	Rear	/	24.81	25.5	0.662	**0.78**	0.09
661	1880.0	GPRS-4	Left	/	24.81	25.5	0.138	**0.16**	0.02
661	1880.0	GPRS-4	Right	/	24.81	25.5	0.044	**0.05**	0.04
661	1880.0	GPRS-4	Top	/	24.81	25.5	0.677	**0.79**	0.16
Body-Worn Test Data (15mm) - Power Level B1/B2									
661	1880.0	GPRS-4	Front	/	24.81	25.5	0.205	**0.24**	0.08
661	1880.0	GPRS-4	Rear	/	24.81	25.5	0.338	**0.40**	0.02

Table 13.5: SAR Values (WCDMA Band 2 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
9400	1880.0	RMC	Left Cheek	/	22.70	24.0	0.128	**0.17**	-0.09
9400	1880.0	RMC	Left Tilt	/	22.70	24.0	0.055	**0.07**	-0.15
9400	1880.0	RMC	Right Cheek	/	22.70	24.0	0.088	**0.12**	0.19
9400	1880.0	RMC	Right Tilt	/	22.70	24.0	0.058	**0.08**	0.13

Table 13.6: SAR Values (WCDMA Band 2 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
9400	1880.0	RMC	Front	/	20.80	22.0	0.276	**0.36**	0.01
9400	1880.0	RMC	Rear	/	20.80	22.0	0.508	**0.67**	0.06
9400	1880.0	RMC	Left	/	20.80	22.0	0.081	**0.11**	0.02
9400	1880.0	RMC	Right	/	20.80	22.0	0.143	**0.19**	0.09
9400	1880.0	RMC	Bottom	/	20.80	22.0	0.779	**1.03**	0.05
9538	1907.6	RMC	Bottom	**6**	20.70	22.0	**0.797**	**1.08**	0.08
9262	1852.4	RMC	Bottom	/	20.80	22.0	0.758	**1.00**	0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
9400	1880.0	RMC	Front	/	20.80	22.0	0.159	**0.21**	0.08
9400	1880.0	RMC	Rear	/	20.80	22.0	0.306	**0.40**	-0.12

Table 13.7: SAR Values (WCDMA Band 2 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
9400	1880.0	RMC	Left Cheek	/	15.20	16.5	0.318	**0.43**	0.04
9400	1880.0	RMC	Left Tilt	/	15.20	16.5	0.364	**0.49**	-0.14
9400	1880.0	RMC	Right Cheek	/	15.20	16.5	0.565	**0.76**	-0.19
9400	1880.0	RMC	Right Tilt	/	15.20	16.5	0.604	**0.81**	-0.15
9538	1907.6	RMC	Right Tilt	**5**	15.30	16.5	**0.626**	0.83	0.00
9262	1852.4	RMC	Right Tilt	/	15.10	16.5	0.583	**0.80**	0.17

Table 13.8: SAR Values (WCDMA Band 2 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
9400	1880.0	RMC	Front	/	20.20	21.5	0.341	**0.46**	0.02
9400	1880.0	RMC	Rear	/	20.20	21.5	0.517	**0.70**	0.06
9400	1880.0	RMC	Left	/	20.20	21.5	0.099	**0.13**	0.08
9400	1880.0	RMC	Right	/	20.20	21.5	0.068	**0.09**	0.05
9400	1880.0	RMC	Top	/	20.20	21.5	0.577	**0.78**	0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
9400	1880.0	RMC	Front	/	20.20	21.5	0.166	**0.22**	0.05
9400	1880.0	RMC	Rear	/	20.20	21.5	0.260	**0.35**	0.03

Table 13.9: SAR Values (WCDMA Band 4 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
1413	1732.6	RMC	Left Cheek	/	22.80	24.0	0.123	**0.16**	-0.06
1413	1732.6	RMC	Left Tilt	/	22.80	24.0	0.057	**0.08**	0.04
1413	1732.6	RMC	Right Cheek	/	22.80	24.0	0.075	**0.10**	-0.19
1413	1732.6	RMC	Right Tilt	/	22.80	24.0	0.083	**0.11**	-0.10

Table 13.10: SAR Values (WCDMA Band 4 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
1413	1732.6	RMC	Front	/	20.70	22.0	0.288	**0.39**	0.05
1413	1732.6	RMC	Rear	/	20.70	22.0	0.456	**0.62**	0.14
1413	1732.6	RMC	Left	/	20.70	22.0	0.081	**0.11**	0.12
1413	1732.6	RMC	Right	/	20.70	22.0	0.126	**0.17**	0.11
1413	1732.6	RMC	Bottom	/	20.70	22.0	0.709	**0.96**	0.02
1513	1752.6	RMC	Bottom	**8**	20.80	22.0	**0.765**	**1.01**	0.10
1312	1712.4	RMC	Bottom	/	20.70	22.0	0.643	**0.87**	0.12
Body-Worn Test Data (15mm) - Power Level B1/B2									
1413	1732.6	RMC	Front	/	20.70	22.0	0.171	**0.23**	-0.09
1413	1732.6	RMC	Rear	/	20.70	22.0	0.288	**0.39**	0.07

Table 13.1: SAR Values (WCDMA Band 4 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
1413	1732.6	RMC	Left Cheek	/	14.00	15.5	0.327	**0.46**	0.18
1413	1732.6	RMC	Left Tilt	/	14.00	15.5	0.349	**0.49**	0.01
1413	1732.6	RMC	Right Cheek	/	14.00	15.5	0.565	**0.80**	0.03
1413	1732.6	RMC	Right Tilt	/	14.00	15.5	0.571	**0.81**	0.09
1513	1752.6	RMC	Right Cheek	/	14.10	15.5	0.586	**0.81**	-0.18
1312	1712.4	RMC	Right Cheek	/	14.10	15.5	0.524	**0.72**	-0.10
1513	1752.6	RMC	Right Tilt	**7**	14.10	15.5	**0.607**	**0.84**	0.05
1312	1712.4	RMC	Right Tilt	/	14.10	15.5	0.541	**0.75**	-0.02

Table 13.2: SAR Values (WCDMA Band 4 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
1413	1732.6	RMC	Front	/	19.20	20.5	0.389	**0.52**	-0.01
1413	1732.6	RMC	Rear	/	19.20	20.5	0.503	**0.68**	0.08
1413	1732.6	RMC	Left	/	19.20	20.5	0.107	**0.14**	-0.09
1413	1732.6	RMC	Right	/	19.20	20.5	0.055	**0.07**	-0.15
1413	1732.6	RMC	Top	/	19.20	20.5	0.545	**0.74**	-0.14
Body-Worn Test Data (15mm) - Power Level B1/B2									
1413	1732.6	RMC	Front	/	19.20	20.5	0.191	**0.26**	-0.17
1413	1732.6	RMC	Rear	/	19.20	20.5	0.240	**0.32**	0.11

Table 13.11: SAR Values (WCDMA Band 5 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
4183	836.6	RMC	Left Cheek	/	23.40	25.0	0.166	**0.24**	0.19
4183	836.6	RMC	Left Tilt	/	23.40	25.0	0.092	**0.13**	-0.01
4183	836.6	RMC	Right Cheek	/	23.40	25.0	0.149	**0.22**	-0.06
4183	836.6	RMC	Right Tilt	/	23.40	25.0	0.083	**0.12**	-0.02

Table 13.12: SAR Values (WCDMA Band 5 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
4183	836.6	RMC	Front	/	23.40	25.0	0.147	**0.21**	-0.11
4183	836.6	RMC	Rear	/	23.40	25.0	0.287	**0.41**	0.05
4183	836.6	RMC	Left	/	23.40	25.0	0.054	**0.08**	-0.11
4183	836.6	RMC	Right	/	23.40	25.0	0.084	**0.12**	0.19
4183	836.6	RMC	Bottom	/	23.40	25.0	0.191	**0.28**	0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
4183	836.6	RMC	Front	/	23.40	25.0	0.114	**0.16**	0.16
4183	836.6	RMC	Rear	/	23.40	25.0	0.162	**0.23**	0.07

Table 13.13: SAR Values (WCDMA Band 5 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
4183	836.6	RMC	Left Cheek	/	18.90	20.5	0.278	**0.40**	-0.13
4183	836.6	RMC	Left Tilt	/	18.90	20.5	0.220	**0.32**	0.07
4183	836.6	RMC	Right Cheek	**9**	18.90	20.5	**0.478**	**0.69**	0.03
4183	836.6	RMC	Right Tilt	/	18.90	20.5	0.382	**0.55**	0.12

Table 13.14: SAR Values (WCDMA Band 5 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
4183	836.6	RMC	Front	/	22.80	24.5	0.202	**0.30**	0.04
4183	836.6	RMC	Rear	**10**	22.80	24.5	**0.332**	**0.49**	-0.03
4183	836.6	RMC	Left	/	22.80	24.5	0.151	**0.22**	0.18
4183	836.6	RMC	Right	/	22.80	24.5	0.144	**0.21**	-0.12
4183	836.6	RMC	Top	/	22.80	24.5	0.226	**0.33**	0.02
4183	836.6	RMC	Rear	M2	22.80	24.5	0.326	**0.48**	0.01
4183	836.6	RMC	Rear	B2	22.80	24.5	0.302	**0.45**	0.06
4183	836.6	RMC	Rear	B3	22.80	24.5	0.318	**0.47**	0.02
Body-Worn Test Data (15mm) - Power Level B1/B2									
4183	836.6	RMC	Front	/	22.80	24.5	0.121	**0.18**	0.07
4183	836.6	RMC	Rear	/	22.80	24.5	0.166	**0.25**	0.02

Table 13.3: SAR Values (LTE Band 2 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
19100	1900.0	1RB50	Left Cheek	/	22.56	23.5	0.067	**0.08**	-0.08
19100	1900.0	50RB25	Left Cheek	/	21.56	22.5	0.070	**0.09**	-0.12
19100	1900.0	1RB50	Left Tilt	/	22.56	23.5	0.045	**0.06**	-0.15
19100	1900.0	50RB25	Left Tilt	/	21.56	22.5	0.043	**0.05**	-0.11
19100	1900.0	1RB50	Right Cheek	/	22.56	23.5	0.058	**0.07**	0.19
19100	1900.0	50RB25	Right Cheek	/	21.56	22.5	0.060	**0.07**	-0.04
19100	1900.0	1RB50	Right Tilt	/	22.56	23.5	0.048	**0.06**	0.08
19100	1900.0	50RB25	Right Tilt	/	21.56	22.5	0.055	**0.07**	-0.18

Table 13.4: SAR Values (LTE Band 2 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
19100	1900.0	1RB50	Front	/	20.94	22.0	0.248	**0.32**	0.09
19100	1900.0	50RB25	Front	/	20.91	22.0	0.259	**0.33**	0.06
19100	1900.0	1RB50	Rear	/	20.94	22.0	0.440	**0.56**	-0.17
19100	1900.0	50RB25	Rear	/	20.91	22.0	0.454	**0.58**	0.03
19100	1900.0	1RB50	Left	/	20.94	22.0	0.078	**0.10**	-0.11
19100	1900.0	50RB25	Left	/	20.91	22.0	0.076	**0.10**	0.12
19100	1900.0	1RB50	Right	/	20.94	22.0	0.141	**0.18**	0.09
19100	1900.0	50RB25	Right	/	20.91	22.0	0.143	**0.18**	0.15
19100	1900.0	1RB50	Bottom	/	20.94	22.0	0.618	**0.79**	0.02
19100	1900.0	50RB25	Bottom	/	20.91	22.0	0.630	**0.81**	0.04
18900	1880.0	50RB25	Bottom	/	20.87	22.0	0.682	**0.88**	0.05
18700	1860.0	50RB25	Bottom	/	20.88	22.0	0.704	**0.91**	0.02
18700	1860.0	100RB	Bottom	**12**	20.85	22.0	**0.706**	0.92	0.04
Body-Worn Test Data (15mm) - Power Level B1/B2									
19100	1900.0	1RB50	Front	/	20.94	22.0	0.143	**0.18**	0.06
19100	1900.0	50RB25	Front	/	20.91	22.0	0.148	**0.19**	-0.04
19100	1900.0	1RB50	Rear	/	20.94	22.0	0.247	**0.32**	0.03
19100	1900.0	50RB25	Rear	/	20.91	22.0	**0.253**	0.33	0.16
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A)									
19100	1900.0	1RB50	Front	/	19.26	20.5	0.185	**0.25**	-0.06
19100	1900.0	50RB25	Front	/	19.25	20.5	0.193	**0.26**	0.00
19100	1900.0	1RB50	Rear	/	19.26	20.5	0.328	**0.44**	0.07
19100	1900.0	50RB25	Rear	/	19.25	20.5	0.339	**0.45**	0.05
19100	1900.0	1RB50	Left	/	19.26	20.5	0.059	**0.08**	0.02

19100	1900.0	50RB25	Left	/	19.25	20.5	0.057	**0.08**	-0.13
19100	1900.0	1RB50	Right	/	19.26	20.5	0.105	**0.14**	0.08
19100	1900.0	50RB25	Right	/	19.25	20.5	0.106	**0.14**	-0.10
19100	1900.0	1RB50	Bottom	/	19.26	20.5	0.462	**0.61**	-0.11
19100	1900.0	50RB25	Bottom	/	19.25	20.5	0.471	**0.63**	0.03
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A)									
19100	1900.0	1RB50	Front	/	19.26	20.5	0.101	**0.13**	-0.04
19100	1900.0	50RB25	Front	/	19.25	20.5	0.105	**0.14**	-0.04
19100	1900.0	1RB50	Rear	/	19.26	20.5	0.175	**0.23**	0.00
19100	1900.0	50RB25	Rear	/	19.25	20.5	0.180	**0.24**	-0.05
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	18.71	20.0	0.168	**0.23**	0.03
19100	1900.0	50RB25	Front	/	18.71	20.0	0.175	**0.24**	-0.03
19100	1900.0	1RB50	Rear	/	18.71	20.0	0.298	**0.40**	-0.04
19100	1900.0	50RB25	Rear	/	18.71	20.0	0.307	**0.41**	0.19
19100	1900.0	1RB50	Left	/	18.71	20.0	0.053	**0.07**	0.11
19100	1900.0	50RB25	Left	/	18.71	20.0	0.052	**0.07**	-0.02
19100	1900.0	1RB50	Right	/	18.71	20.0	0.096	**0.13**	0.06
19100	1900.0	50RB25	Right	/	18.71	20.0	0.097	**0.13**	0.11
19100	1900.0	1RB50	Bottom	/	18.71	20.0	0.418	**0.56**	0.13
19100	1900.0	50RB25	Bottom	/	18.71	20.0	0.427	**0.57**	0.10
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	18.71	20.0	0.099	**0.13**	-0.12
19100	1900.0	50RB25	Front	/	18.71	20.0	0.102	**0.14**	-0.16
19100	1900.0	1RB50	Rear	/	18.71	20.0	0.171	**0.23**	-0.14
19100	1900.0	50RB25	Rear	/	18.71	20.0	0.175	**0.24**	-0.10
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n7A , DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	17.73	19.0	0.126	**0.17**	0.17
19100	1900.0	50RB25	Front	/	17.78	19.0	0.132	**0.17**	0.05
19100	1900.0	1RB50	Rear	/	17.73	19.0	0.224	**0.30**	0.02
19100	1900.0	50RB25	Rear	/	17.78	19.0	0.232	**0.31**	0.00
19100	1900.0	1RB50	Left	/	17.73	19.0	0.040	**0.05**	0.01
19100	1900.0	50RB25	Left	/	17.78	19.0	0.039	**0.05**	-0.02
19100	1900.0	1RB50	Right	/	17.73	19.0	0.072	**0.10**	-0.08
19100	1900.0	50RB25	Right	/	17.78	19.0	0.073	**0.10**	0.13
19100	1900.0	1RB50	Bottom	/	17.73	19.0	0.315	**0.42**	-0.13
19100	1900.0	50RB25	Bottom	/	17.78	19.0	0.322	**0.43**	-0.07
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n7A , DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	17.73	19.0	0.072	**0.10**	-0.07
19100	1900.0	50RB25	Front	/	17.78	19.0	0.075	**0.10**	0.06
19100	1900.0	1RB50	Rear	/	17.73	19.0	0.124	**0.17**	0.04
19100	1900.0	50RB25	Rear	/	17.78	19.0	0.128	**0.17**	0.01

Table 13.5: SAR Values (LTE Band 2 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
19100	1900.0	1RB50	Left Cheek	/	16.46	17.5	0.351	**0.45**	-0.18
19100	1900.0	50RB25	Left Cheek	/	16.45	17.5	0.304	**0.39**	0.07
19100	1900.0	1RB50	Left Tilt	/	16.46	17.5	0.310	**0.39**	0.11
19100	1900.0	50RB25	Left Tilt	/	16.45	17.5	0.314	**0.40**	0.07
19100	1900.0	1RB50	Right Cheek	/	16.46	17.5	0.682	**0.87**	0.06
19100	1900.0	50RB25	Right Cheek	/	16.45	17.5	0.697	**0.89**	0.08
19100	1900.0	1RB50	Right Tilt	/	16.46	17.5	0.926	**1.18**	-0.09
19100	1900.0	50RB25	Right Tilt	**11**	16.45	17.5	**0.933**	1.19	0.05
18900	1880.0	1RB50	Right Cheek	/	16.40	17.5	0.676	**0.87**	0.12
18700	1860.0	1RB50	Right Cheek	/	16.36	17.5	0.665	**0.86**	-0.18
18900	1880.0	50RB25	Right Cheek	/	16.44	17.5	0.676	**0.86**	0.08
18700	1860.0	50RB25	Right Cheek	/	16.42	17.5	0.666	**0.85**	-0.14
18900	1880.0	1RB50	Right Tilt	/	16.40	17.5	0.905	**1.17**	0.02
18700	1860.0	1RB50	Right Tilt	/	16.36	17.5	0.890	**1.16**	0.06
18900	1880.0	50RB25	Right Tilt	/	16.44	17.5	0.905	**1.16**	0.02
18700	1860.0	50RB25	Right Tilt	/	16.42	17.5	0.892	**1.14**	-0.01
18700	1860.0	100RB	Right Tilt	/	16.37	17.5	0.901	**1.17**	0.04
19100	1900.0	50RB25	Right Tilt	M2	16.45	17.5	0.902	**1.15**	0.02
19100	1900.0	50RB25	Right Tilt	B2	16.45	17.5	0.885	**1.13**	0.05
19100	1900.0	50RB25	Right Tilt	B3	16.45	17.5	0.900	**1.15**	0.07
19100	1900.0	50RB25	Right Tilt	SIM2	16.45	17.5	0.927	**1.18**	0.04
Power Level A3(DC_2A_n66A)									
19100	1900.0	1RB50	Left Cheek	/	15.46	16.5	0.223	**0.28**	0.17
19100	1900.0	50RB25	Left Cheek	/	15.57	16.5	0.193	**0.24**	-0.13
19100	1900.0	1RB50	Left Tilt	/	15.46	16.5	0.197	**0.25**	0.03
19100	1900.0	50RB25	Left Tilt	/	15.57	16.5	0.199	**0.25**	-0.08
19100	1900.0	1RB50	Right Cheek	/	15.46	16.5	0.433	**0.55**	0.18
19100	1900.0	50RB25	Right Cheek	/	15.57	16.5	0.442	**0.55**	-0.16
19100	1900.0	1RB50	Right Tilt	/	15.46	16.5	0.588	**0.75**	0.07
19100	1900.0	50RB25	Right Tilt	/	15.57	16.5	**0.592**	**0.73**	-0.04
Power Level A3(DC_2A_n7A) / A4(DC_2A_n66A)									
19100	1900.0	1RB50	Left Cheek	/	14.45	15.5	0.180	**0.23**	-0.09
19100	1900.0	50RB25	Left Cheek	/	14.51	15.5	0.156	**0.20**	0.03
19100	1900.0	1RB50	Left Tilt	/	14.45	15.5	0.159	**0.20**	-0.19
19100	1900.0	50RB25	Left Tilt	/	14.51	15.5	0.161	**0.20**	0.01
19100	1900.0	1RB50	Right Cheek	/	14.45	15.5	0.349	**0.44**	0.16
19100	1900.0	50RB25	Right Cheek	/	14.51	15.5	0.357	**0.45**	-0.16
19100	1900.0	1RB50	Right Tilt	/	14.45	15.5	0.474	**0.60**	-0.19

19100	1900.0	50RB25	Right Tilt	/	14.51	15.5	0.478	**0.60**	-0.03
Power Level A4(DC_2A_n7A)									
19100	1900.0	1RB50	Left Cheek	/	13.48	14.5	0.142	**0.18**	0.00
19100	1900.0	50RB25	Left Cheek	/	13.47	14.5	0.123	**0.16**	0.10
19100	1900.0	1RB50	Left Tilt	/	13.48	14.5	0.126	**0.16**	-0.06
19100	1900.0	50RB25	Left Tilt	/	13.47	14.5	0.127	**0.16**	0.06
19100	1900.0	1RB50	Right Cheek	/	13.48	14.5	0.276	**0.35**	0.15
19100	1900.0	50RB25	Right Cheek	/	13.47	14.5	0.282	**0.36**	-0.05
19100	1900.0	1RB50	Right Tilt	/	13.48	14.5	0.375	**0.47**	0.10
19100	1900.0	50RB25	Right Tilt	/	13.47	14.5	0.378	**0.48**	-0.05

Table 13.6: SAR Values (LTE Band 2 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
19100	1900.0	1RB50	Front	/	20.49	21.5	0.359	**0.45**	-0.15
19100	1900.0	50RB25	Front	/	20.51	21.5	0.370	**0.46**	-0.07
19100	1900.0	1RB50	Rear	/	20.49	21.5	0.481	**0.61**	-0.05
19100	1900.0	50RB25	Rear	/	20.51	21.5	0.466	**0.59**	-0.04
19100	1900.0	1RB50	Left	/	20.49	21.5	0.098	**0.12**	0.06
19100	1900.0	50RB25	Left	/	20.51	21.5	0.096	**0.12**	-0.03
19100	1900.0	1RB50	Right	/	20.49	21.5	0.029	**0.04**	-0.08
19100	1900.0	50RB25	Right	/	20.51	21.5	0.028	**0.04**	-0.09
19100	1900.0	1RB50	Top	/	20.49	21.5	0.622	**0.78**	-0.08
19100	1900.0	50RB25	Top	/	20.51	21.5	0.627	**0.79**	-0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
19100	1900.0	1RB50	Front	/	20.49	21.5	0.176	**0.22**	0.10
19100	1900.0	50RB25	Front	/	20.51	21.5	0.181	**0.23**	-0.15
19100	1900.0	1RB50	Rear	/	20.49	21.5	0.264	**0.33**	-0.02
19100	1900.0	50RB25	Rear	/	20.51	21.5	0.251	**0.32**	-0.11
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A, DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	18.09	19.0	0.208	**0.26**	-0.16
19100	1900.0	50RB25	Front	/	18.04	19.0	0.214	**0.27**	-0.02
19100	1900.0	1RB50	Rear	/	18.09	19.0	0.279	**0.34**	0.04
19100	1900.0	50RB25	Rear	/	18.04	19.0	0.271	**0.34**	-0.14
19100	1900.0	1RB50	Left	/	18.09	19.0	0.057	**0.07**	-0.02
19100	1900.0	50RB25	Left	/	18.04	19.0	0.056	**0.07**	-0.14
19100	1900.0	1RB50	Right	/	18.09	19.0	0.017	**0.02**	0.03
19100	1900.0	50RB25	Right	/	18.04	19.0	0.016	**0.02**	-0.06
19100	1900.0	1RB50	Top	/	18.09	19.0	0.361	**0.45**	-0.01
19100	1900.0	50RB25	Top	/	18.04	19.0	0.364	**0.45**	-0.16
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A, DC_2A_n66A)									

19100	1900.0	1RB50	Front	/	18.09	19.0	0.101	**0.12**	0.05
19100	1900.0	50RB25	Front	/	18.04	19.0	0.104	**0.13**	-0.03
19100	1900.0	1RB50	Rear	/	18.09	19.0	0.152	**0.19**	0.06
19100	1900.0	50RB25	Rear	/	18.04	19.0	0.144	**0.18**	-0.09
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n7A, DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	16.50	17.5	0.153	**0.19**	0.13
19100	1900.0	50RB25	Front	/	16.52	17.5	0.158	**0.20**	-0.12
19100	1900.0	1RB50	Rear	/	16.50	17.5	0.205	**0.26**	-0.09
19100	1900.0	50RB25	Rear	/	16.52	17.5	0.199	**0.25**	0.06
19100	1900.0	1RB50	Left	/	16.50	17.5	0.042	**0.05**	0.10
19100	1900.0	50RB25	Left	/	16.52	17.5	0.041	**0.05**	-0.03
19100	1900.0	1RB50	Right	/	16.50	17.5	0.012	**0.02**	0.12
19100	1900.0	50RB25	Right	/	16.52	17.5	0.012	**0.02**	0.08
19100	1900.0	1RB50	Top	/	16.50	17.5	0.265	**0.33**	0.07
19100	1900.0	50RB25	Top	/	16.52	17.5	0.268	**0.34**	-0.05
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n7A, DC_2A_n66A)									
19100	1900.0	1RB50	Front	/	16.50	17.5	0.072	**0.09**	-0.03
19100	1900.0	50RB25	Front	/	16.52	17.5	0.074	**0.09**	-0.14
19100	1900.0	1RB50	Rear	/	16.50	17.5	0.108	**0.14**	0.13
19100	1900.0	50RB25	Rear	/	16.52	17.5	0.102	**0.13**	0.15

Table 13.7: SAR Values (LTE Band 2 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
18700	1860.0	1RB50	Left Cheek	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Left Cheek	/	18.77	20.5	<0.01	**0.00**	0.00
19100	1900.0	1RB50	Left Tilt	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Left Tilt	/	18.77	20.5	<0.01	**0.00**	0.00
19100	1900.0	1RB50	Right Cheek	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Right Cheek	/	18.77	20.5	<0.01	**0.00**	0.00
19100	1900.0	1RB50	Right Tilt	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Right Tilt	/	18.77	20.5	<0.01	**0.00**	0.00

Table 13.8: SAR Values (LTE Band 2 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A) / B4(DC_2A_n7A)									
18700	1860.0	1RB50	Front	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Front	/	18.77	20.5	<0.01	**0.00**	0.00
18700	1860.0	1RB50	Rear	/	19.69	21.5	0.020	**0.03**	0.03
19100	1900.0	50RB0	Rear	/	18.77	20.5	0.017	**0.03**	0.15
18700	1860.0	1RB50	Left	/	19.69	21.5	0.013	**0.02**	0.14
19100	1900.0	50RB0	Left	/	18.77	20.5	0.006	**0.01**	0.02
18700	1860.0	1RB50	Top	/	19.69	21.5	0.001	**0.00**	-0.06
19100	1900.0	50RB0	Top	/	18.77	20.5	0.001	**0.00**	0.02
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A) / B4(DC_2A_n7A)									
18700	1860.0	1RB50	Front	/	19.69	21.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Front	/	18.77	20.5	<0.01	**0.00**	0.00
18700	1860.0	1RB50	Rear	/	19.69	21.5	0.008	**0.01**	0.09
19100	1900.0	50RB0	Rear	/	18.77	20.5	0.004	**0.01**	0.03
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n66A) / B4(DC_2A_n66A)									
18700	1860.0	1RB50	Front	/	17.70	19.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Front	/	17.78	19.5	<0.01	**0.00**	0.00
18700	1860.0	1RB50	Rear	/	17.70	19.5	0.012	**0.02**	0.03
19100	1900.0	50RB0	Rear	/	17.78	19.5	0.015	**0.02**	0.04
18700	1860.0	1RB50	Left	/	17.70	19.5	0.004	**0.01**	0.12
19100	1900.0	50RB0	Left	/	17.78	19.5	0.003	**0.00**	0.03
18700	1860.0	1RB50	Top	/	17.70	19.5	<0.01	**0.00**	0.00
19100	1900.0	50RB0	Top	/	17.78	19.5	<0.01	**0.00**	0.00
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n66A) / B4(DC_2A_n66A)									
18700	1860.0	1RB50	Front	/	17.70	19.5	<0.01	**0.00**	0.00

19100	1900.0	50RB0	Front	/	17.78	19.5	<0.01	**0.00**	0.00
18700	1860.0	1RB50	Rear	/	17.70	19.5	0.002	**0.00**	0.06
19100	1900.0	50RB0	Rear	/	17.78	19.5	0.003	**0.00**	0.03

Table 13.9: SAR Values (LTE Band 4 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
20175	1732.5	1RB50	Left Cheek	/	23.26	24.0	0.060	**0.07**	-0.08
20175	1732.5	50RB0	Left Cheek	/	22.33	23.0	0.062	**0.07**	-0.11
20175	1732.5	1RB50	Left Tilt	/	23.26	24.0	0.043	**0.05**	0.00
20175	1732.5	50RB0	Left Tilt	/	22.33	23.0	0.046	**0.05**	-0.05
20175	1732.5	1RB50	Right Cheek	/	23.26	24.0	0.044	**0.05**	0.07
20175	1732.5	50RB0	Right Cheek	/	22.33	23.0	0.044	**0.05**	-0.04
20175	1732.5	1RB50	Right Tilt	/	23.26	24.0	0.025	**0.03**	0.19
20175	1732.5	50RB0	Right Tilt	/	22.33	23.0	0.023	**0.03**	0.12

Table 13.10: SAR Values (LTE Band 4 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
20175	1732.5	1RB50	Front	/	21.52	22.5	0.304	**0.38**	0.01
20175	1732.5	50RB0	Front	/	21.60	22.5	0.297	**0.37**	-0.12
20175	1732.5	1RB50	Rear	/	21.52	22.5	0.424	**0.53**	0.03
20175	1732.5	50RB0	Rear	/	21.60	22.5	0.417	**0.51**	-0.09
20175	1732.5	1RB50	Left	/	21.52	22.5	0.088	**0.11**	0.10
20175	1732.5	50RB0	Left	/	21.60	22.5	0.081	**0.10**	0.07
20175	1732.5	1RB50	Right	/	21.52	22.5	0.129	**0.16**	-0.17
20175	1732.5	50RB0	Right	/	21.60	22.5	0.122	**0.15**	-0.03
20175	1732.5	1RB50	Bottom	/	21.52	22.5	0.652	**0.82**	0.04
20175	1732.5	50RB0	Bottom	/	21.60	22.5	0.629	**0.77**	0.05
20300	1745.0	1RB50	Bottom	/	21.49	22.5	0.703	**0.89**	0.03
20050	1720.0	1RB50	Bottom	/	21.45	22.5	0.598	**0.76**	0.04
20050	1720.0	100RB	Bottom	/	21.54	22.5	0.606	**0.76**	0.06
Body-Worn Test Data (15mm) - Power Level B1									
20175	1732.5	1RB50	Front	/	21.52	22.5	0.170	**0.21**	0.11
20175	1732.5	50RB0	Front	/	21.60	22.5	0.166	**0.20**	-0.08
20175	1732.5	1RB50	Rear	/	21.52	22.5	0.231	**0.29**	0.02
20175	1732.5	50RB0	Rear	/	21.60	22.5	0.229	**0.28**	0.09
Hotspot Test Data (10mm) - Power Level B2									
20175	1732.5	1RB50	Front	/	21.23	22.0	0.259	**0.31**	0.07
20175	1732.5	50RB0	Front	/	21.38	22.0	0.253	**0.29**	0.08
20175	1732.5	1RB50	Rear	/	21.23	22.0	0.362	**0.43**	-0.10
20175	1732.5	50RB0	Rear	/	21.38	22.0	0.356	**0.41**	-0.15
20175	1732.5	1RB50	Left	/	21.23	22.0	0.075	**0.09**	-0.19

20175	1732.5	50RB0	Left	/	21.38	22.0	0.069	**0.08**	0.13
20175	1732.5	1RB50	Right	/	21.23	22.0	0.110	**0.13**	-0.12
20175	1732.5	50RB0	Right	/	21.38	22.0	0.104	**0.12**	0.04
20175	1732.5	1RB50	Bottom	/	21.23	22.0	0.556	**0.66**	0.15
20175	1732.5	50RB0	Bottom	/	21.38	22.0	0.536	**0.62**	0.07
Body-Worn Test Data (15mm) - Power Level B2									
20175	1732.5	1RB50	Front	/	21.23	22.0	0.150	**0.18**	0.14
20175	1732.5	50RB0	Front	/	21.38	22.0	0.147	**0.17**	-0.18
20175	1732.5	1RB50	Rear	/	21.23	22.0	0.204	**0.24**	0.16
20175	1732.5	50RB0	Rear	/	21.38	22.0	0.202	**0.23**	0.15

Table 13.11: SAR Values (LTE Band 4 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
20300	1745.0	1RB50	Left Cheek	/	16.02	17.0	0.451	**0.57**	0.04
20300	1745.0	50RB25	Left Cheek	/	16.06	17.0	0.421	**0.52**	0.12
20300	1745.0	1RB50	Left Tilt	/	16.02	17.0	0.527	**0.66**	0.03
20300	1745.0	50RB25	Left Tilt	/	16.06	17.0	0.517	**0.64**	0.12
20300	1745.0	1RB50	Right Cheek	/	16.02	17.0	0.722	**0.90**	-0.06
20300	1745.0	50RB25	Right Cheek	/	16.06	17.0	0.714	**0.89**	0.10
20300	1745.0	1RB50	Right Tilt	**13**	16.02	17.0	**0.787**	**0.99**	0.05
20300	1745.0	50RB25	Right Tilt	/	16.06	17.0	0.781	**0.97**	0.11
20175	1732.5	1RB50	Right Cheek	/	16.01	17.0	0.717	**0.90**	0.12
20050	1720.0	1RB50	Right Cheek	/	15.91	17.0	0.702	**0.90**	0.02
20175	1732.5	50RB25	Right Cheek	/	16.03	17.0	0.710	**0.89**	-0.02
20050	1720.0	50RB25	Right Cheek	/	16.02	17.0	0.707	**0.89**	-0.14
20175	1732.5	1RB50	Right Tilt	/	16.01	17.0	0.782	**0.98**	0.03
20050	1720.0	1RB50	Right Tilt	/	15.91	17.0	0.765	**0.98**	0.01
20175	1732.5	50RB25	Right Tilt	/	16.03	17.0	0.774	**0.97**	0.07
20050	1720.0	50RB25	Right Tilt	/	16.02	17.0	0.771	**0.97**	0.03
20300	1745.0	100RB	Right Tilt	/	16.00	17.0	0.786	**0.99**	0.02

Table 13.12: SAR Values (LTE Band 4 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
20300	1745.0	1RB50	Front	/	20.95	22.0	0.497	**0.63**	-0.12
20300	1745.0	50RB25	Front	/	21.02	22.0	0.496	**0.62**	-0.16
20300	1745.0	1RB50	Rear	/	20.95	22.0	0.644	**0.82**	0.13
20300	1745.0	50RB25	Rear	/	21.02	22.0	0.646	**0.81**	-0.05
20300	1745.0	1RB50	Left	/	20.95	22.0	0.173	**0.22**	-0.17
20300	1745.0	50RB25	Left	/	21.02	22.0	0.169	**0.21**	-0.11
20300	1745.0	1RB50	Right	/	20.95	22.0	0.084	**0.11**	0.15
20300	1745.0	50RB25	Right	/	21.02	22.0	0.085	**0.11**	0.07
20300	1745.0	1RB50	Top	**14**	20.95	22.0	**0.879**	**1.12**	-0.18
20300	1745.0	50RB25	Top	/	21.02	22.0	0.868	**1.09**	-0.18
20175	1732.5	1RB50	Rear	/	20.94	22.0	0.613	**0.78**	0.19
20050	1720.0	1RB50	Rear	/	20.92	22.0	0.577	**0.74**	0.01
20175	1732.5	50RB25	Rear	/	21.01	22.0	0.609	**0.76**	-0.06
20050	1720.0	50RB25	Rear	/	20.97	22.0	0.584	**0.74**	0.16
20300	1745.0	100RB	Rear	/	20.99	22.0	0.632	**0.80**	0.17

20175	1732.5	1RB50	Top	/	20.94	22.0	0.837	**1.07**	0.16
20050	1720.0	1RB50	Top	/	20.92	22.0	0.788	**1.01**	-0.10
20175	1732.5	50RB25	Top	/	21.01	22.0	0.831	**1.04**	-0.03
20050	1720.0	50RB25	Top	/	20.97	22.0	0.797	**1.01**	0.03
20300	1745.0	100RB	Top	/	20.99	22.0	0.863	**1.09**	0.03
20300	1745.0	1RB50	Top	SIM2	20.95	22.0	0.870	**1.11**	0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
20300	1745.0	1RB50	Front	/	20.95	22.0	0.309	**0.39**	0.09
20300	1745.0	50RB25	Front	/	21.02	22.0	0.294	**0.37**	0.03
20300	1745.0	1RB50	Rear	/	20.95	22.0	0.365	**0.46**	-0.16
20300	1745.0	50RB25	Rear	/	21.02	22.0	0.358	**0.45**	0.02
20300	1745.0	1RB50	Rear	SIM2	20.95	22.0	0.346	**0.44**	-0.10

Table 13.13: SAR Values (LTE Band 5 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
20450	829.0	1RB24	Left Cheek	/	23.94	25.0	0.155	**0.20**	-0.05
20450	829.0	25RB0	Left Cheek	/	22.89	24.0	0.116	**0.15**	0.19
20450	829.0	1RB24	Left Tilt	/	23.94	25.0	0.089	**0.11**	-0.09
20450	829.0	25RB0	Left Tilt	/	22.89	24.0	0.068	**0.09**	-0.10
20450	829.0	1RB24	Right Cheek	/	23.94	25.0	0.142	**0.18**	-0.11
20450	829.0	25RB0	Right Cheek	/	22.89	24.0	0.105	**0.14**	-0.13
20450	829.0	1RB24	Right Tilt	/	23.94	25.0	0.081	**0.10**	0.19
20450	829.0	25RB0	Right Tilt	/	22.89	24.0	0.058	**0.08**	-0.09

Table 13.14: SAR Values (LTE Band 5 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
20450	829.0	1RB24	Front	/	23.94	25.0	0.139	**0.18**	-0.04
20450	829.0	25RB0	Front	/	22.89	24.0	0.102	**0.13**	0.03
20450	829.0	1RB24	Rear	/	23.94	25.0	0.248	**0.32**	-0.02
20450	829.0	25RB0	Rear	/	22.89	24.0	0.241	**0.31**	0.03
20450	829.0	1RB24	Left	/	23.94	25.0	0.160	**0.20**	0.17
20450	829.0	25RB0	Left	/	22.89	24.0	0.122	**0.16**	0.02
20450	829.0	1RB24	Right	/	23.94	25.0	0.108	**0.14**	0.17
20450	829.0	25RB0	Right	/	22.89	24.0	0.081	**0.10**	-0.10
20450	829.0	1RB24	Bottom	/	23.94	25.0	0.176	**0.22**	-0.14
20450	829.0	25RB0	Bottom	/	22.89	24.0	0.130	**0.17**	0.16
Body-Worn Test Data (15mm) - Power Level B1/B2									
20450	829.0	1RB24	Front	/	23.94	25.0	0.134	**0.17**	-0.03
20450	829.0	25RB0	Front	/	22.89	24.0	0.102	**0.13**	-0.02
20450	829.0	1RB24	Rear	/	23.94	25.0	**0.189**	**0.24**	-0.17
20450	829.0	25RB0	Rear	/	22.89	24.0	0.137	**0.18**	0.17
Hotspot Test Data (10mm) - Power Level B3(DC_5A_n66A)									
20450	829.0	1RB24	Front	/	23.12	24.5	0.109	**0.15**	-0.11
20450	829.0	25RB0	Front	/	22.68	24.0	0.073	**0.10**	-0.01
20450	829.0	1RB24	Rear	/	23.12	24.5	0.196	**0.27**	-0.03
20450	829.0	25RB0	Rear	/	22.68	24.0	0.172	**0.23**	0.14
20450	829.0	1RB24	Left	/	23.12	24.5	0.126	**0.17**	0.02
20450	829.0	25RB0	Left	/	22.68	24.0	0.087	**0.12**	0.04
20450	829.0	1RB24	Right	/	23.12	24.5	0.085	**0.12**	0.02
20450	829.0	25RB0	Right	/	22.68	24.0	0.058	**0.08**	-0.01

20450	829.0	1RB24	Bottom	/	23.12	24.5	0.139	**0.19**	0.05
20450	829.0	25RB0	Bottom	/	22.68	24.0	0.124	**0.17**	-0.08
Body-Worn Test Data (15mm) - Power Level B3(DC_5A_n66A)									
20450	829.0	1RB24	Front	/	23.12	24.5	0.100	**0.14**	-0.16
20450	829.0	25RB0	Front	/	22.68	24.0	0.090	**0.12**	-0.07
20450	829.0	1RB24	Rear	/	23.12	24.5	0.141	**0.19**	-0.01
20450	829.0	25RB0	Rear	/	22.68	24.0	0.121	**0.16**	-0.06
Hotspot Test Data (10mm) - Power Level B3(DC_5A_n7A)									
20450	829.0	1RB24	Front	/	22.58	24.0	0.102	**0.14**	0.14
20450	829.0	25RB0	Front	/	22.62	24.0	0.068	**0.09**	-0.02
20450	829.0	1RB24	Rear	/	22.58	24.0	0.183	**0.25**	0.11
20450	829.0	25RB0	Rear	/	22.62	24.0	0.161	**0.22**	0.18
20450	829.0	1RB24	Left	/	22.58	24.0	0.118	**0.16**	-0.13
20450	829.0	25RB0	Left	/	22.62	24.0	0.081	**0.11**	-0.08
20450	829.0	1RB24	Right	/	22.58	24.0	0.080	**0.11**	-0.06
20450	829.0	25RB0	Right	/	22.62	24.0	0.054	**0.07**	0.08
20450	829.0	1RB24	Bottom	/	22.58	24.0	0.129	**0.18**	-0.17
20450	829.0	25RB0	Bottom	/	22.62	24.0	0.125	**0.17**	0.19
Body-Worn Test Data (15mm) - Power Level B3(DC_5A_n7A)									
20450	829.0	1RB24	Front	/	22.58	24.0	0.088	**0.12**	0.11
20450	829.0	25RB0	Front	/	22.62	24.0	0.079	**0.11**	-0.15
20450	829.0	1RB24	Rear	/	22.58	24.0	0.124	**0.17**	-0.09
20450	829.0	25RB0	Rear	/	22.62	24.0	0.106	**0.15**	-0.02
Hotspot Test Data (10mm) - Power Level B4(DC_5A_n66A)									
20450	829.0	1RB24	Front	/	22.06	23.5	0.090	**0.13**	0.03
20450	829.0	25RB0	Front	/	22.09	23.5	0.060	**0.08**	-0.04
20450	829.0	1RB24	Rear	/	22.06	23.5	0.162	**0.23**	0.04
20450	829.0	25RB0	Rear	/	22.09	23.5	0.142	**0.20**	0.11
20450	829.0	1RB24	Left	/	22.06	23.5	0.104	**0.14**	-0.18
20450	829.0	25RB0	Left	/	22.09	23.5	0.072	**0.10**	-0.10
20450	829.0	1RB24	Right	/	22.06	23.5	0.071	**0.10**	0.02
20450	829.0	25RB0	Right	/	22.09	23.5	0.048	**0.07**	0.15
20450	829.0	1RB24	Bottom	/	22.06	23.5	0.115	**0.16**	0.04
20450	829.0	25RB0	Bottom	/	22.09	23.5	0.111	**0.15**	0.13
Body-Worn Test Data (15mm) - Power Level B4(DC_5A_n66A)									
20450	829.0	1RB24	Front	/	22.06	23.5	0.079	**0.11**	0.09
20450	829.0	25RB0	Front	/	22.09	23.5	0.071	**0.10**	-0.05
20450	829.0	1RB24	Rear	/	22.06	23.5	0.111	**0.15**	0.03
20450	829.0	25RB0	Rear	/	22.09	23.5	0.095	**0.13**	0.09
Hotspot Test Data (10mm) - Power Level B4(DC_5A_n7A)									
20450	829.0	1RB24	Front	/	21.14	22.5	0.074	**0.10**	-0.06
20450	829.0	25RB0	Front	/	21.17	22.5	0.049	**0.07**	0.00
20450	829.0	1RB24	Rear	/	21.14	22.5	0.133	**0.18**	0.05

20450	829.0	25RB0	Rear	/	21.17	22.5	0.117	**0.16**	-0.06
20450	829.0	1RB24	Left	/	21.14	22.5	0.086	**0.12**	-0.15
20450	829.0	25RB0	Left	/	21.17	22.5	0.059	**0.08**	0.06
20450	829.0	1RB24	Right	/	21.14	22.5	0.058	**0.08**	-0.12
20450	829.0	25RB0	Right	/	21.17	22.5	0.039	**0.05**	0.02
20450	829.0	1RB24	Bottom	/	21.14	22.5	0.094	**0.13**	0.01
20450	829.0	25RB0	Bottom	/	21.17	22.5	0.092	**0.12**	-0.10
Body-Worn Test Data (15mm) - Power Level B4(DC_5A_n7A)									
20450	829.0	1RB24	Front	/	21.14	22.5	0.061	**0.08**	-0.02
20450	829.0	25RB0	Front	/	21.17	22.5	0.055	**0.08**	-0.02
20450	829.0	1RB24	Rear	/	21.14	22.5	0.086	**0.12**	0.01
20450	829.0	25RB0	Rear	/	21.17	22.5	0.074	**0.10**	-0.03

Table 13.15: SAR Values (LTE Band 5 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
20525	836.5	1RB49	Left Cheek	/	19.65	20.5	0.321	**0.39**	-0.04
20525	836.5	25RB0	Left Cheek	/	19.72	20.5	0.385	**0.46**	0.06
20525	836.5	1RB49	Left Tilt	/	19.65	20.5	0.288	**0.35**	0.01
20525	836.5	25RB0	Left Tilt	/	19.72	20.5	0.288	**0.34**	-0.01
20525	836.5	1RB49	Right Cheek	/	19.65	20.5	0.464	**0.56**	0.02
20525	836.5	25RB0	Right Cheek	**15**	19.72	20.5	**0.480**	0.57	-0.02
20525	836.5	1RB49	Right Tilt	/	19.65	20.5	0.385	**0.47**	0.17
20525	836.5	25RB0	Right Tilt	/	19.72	20.5	0.398	**0.48**	0.05
Power Level A3(DC_5A_n7A, DC_5A_n66A)									
20525	836.5	1RB49	Left Cheek	/	16.86	18.0	0.186	**0.24**	-0.02
20525	836.5	25RB0	Left Cheek	/	16.88	18.0	0.223	**0.29**	0.02
20525	836.5	1RB49	Left Tilt	/	16.86	18.0	0.167	**0.22**	0.16
20525	836.5	25RB0	Left Tilt	/	16.88	18.0	0.167	**0.22**	0.04
20525	836.5	1RB49	Right Cheek	/	16.86	18.0	0.269	**0.35**	-0.08
20525	836.5	25RB0	Right Cheek	/	16.88	18.0	0.278	**0.36**	-0.18
20525	836.5	1RB49	Right Tilt	/	16.86	18.0	0.223	**0.29**	0.13
Power Level A4(DC_5A_n7A, DC_5A_n66A)									
20525	836.5	1RB49	Left Cheek	/	16.25	17.5	0.169	**0.23**	0.06
20525	836.5	25RB0	Left Cheek	/	16.29	17.5	0.202	**0.27**	-0.18
20525	836.5	1RB49	Left Tilt	/	16.25	17.5	0.151	**0.20**	-0.16
20525	836.5	25RB0	Left Tilt	/	16.29	17.5	0.151	**0.20**	0.13
20525	836.5	1RB49	Right Cheek	/	16.25	17.5	0.244	**0.33**	0.15
20525	836.5	25RB0	Right Cheek	/	16.29	17.5	0.252	**0.33**	-0.14
20525	836.5	1RB49	Right Tilt	/	16.25	17.5	0.202	**0.27**	-0.15
20525	836.5	25RB0	Right Tilt	/	16.29	17.5	0.209	**0.28**	0.13

Table 13.16: SAR Values (LTE Band 5 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
20525	836.5	1RB49	Front	/	23.54	24.5	0.235	**0.29**	0.04
20525	836.5	25RB0	Front	/	22.55	23.5	0.179	**0.22**	0.13
20525	836.5	1RB49	Rear	**16**	23.54	24.5	**0.353**	0.44	0.04
20525	836.5	25RB0	Rear	/	22.55	23.5	0.271	**0.34**	-0.01
20525	836.5	1RB49	Left	/	23.54	24.5	0.147	**0.18**	-0.10
20525	836.5	25RB0	Left	/	22.55	23.5	0.116	**0.14**	-0.16
20525	836.5	1RB49	Right	/	23.54	24.5	0.156	**0.19**	-0.06

20525	836.5	25RB0	Right	/	22.55	23.5	0.116	**0.14**	0.16
20525	836.5	1RB49	Top	/	23.54	24.5	0.243	**0.30**	0.03
20525	836.5	25RB0	Top	/	22.55	23.5	0.188	**0.23**	-0.12
Body-Worn Test Data (15mm) - Power Level B1/B2									
20525	836.5	1RB49	Front	/	23.54	24.5	0.135	**0.17**	-0.01
20525	836.5	25RB0	Front	/	22.55	23.5	0.105	**0.13**	-0.12
20525	836.5	1RB49	Rear	/	23.54	24.5	0.187	**0.23**	0.03
20525	836.5	25RB0	Rear	/	22.55	23.5	0.129	**0.16**	0.11
Hotspot Test Data (10mm) - Power Level B3(DC_5A_n66A)									
20525	836.5	1RB49	Front	/	21.18	22.5	0.143	**0.19**	-0.18
20525	836.5	25RB0	Front	/	21.27	22.5	0.158	**0.21**	-0.10
20525	836.5	1RB49	Rear	/	21.18	22.5	0.215	**0.29**	-0.18
20525	836.5	25RB0	Rear	/	21.27	22.5	0.239	**0.32**	0.10
20525	836.5	1RB49	Left	/	21.18	22.5	0.090	**0.12**	0.16
20525	836.5	25RB0	Left	/	21.27	22.5	0.102	**0.14**	-0.01
20525	836.5	1RB49	Right	/	21.18	22.5	0.095	**0.13**	0.00
20525	836.5	25RB0	Right	/	21.27	22.5	0.102	**0.14**	-0.02
20525	836.5	1RB49	Top	/	21.18	22.5	0.148	**0.20**	0.02
20525	836.5	25RB0	Top	/	21.27	22.5	0.166	**0.22**	-0.03
Body-Worn Test Data (15mm) - Power Level B3(DC_5A_n66A)									
20525	836.5	1RB49	Front	/	21.18	22.5	0.082	**0.11**	-0.14
20525	836.5	25RB0	Front	/	21.27	22.5	0.093	**0.12**	-0.03
20525	836.5	1RB49	Rear	/	21.18	22.5	0.104	**0.14**	-0.19
20525	836.5	25RB0	Rear	/	21.27	22.5	0.115	**0.15**	-0.10
Hotspot Test Data (10mm) - Power Level B3(DC_5A_n7A)									
20525	836.5	1RB49	Front	/	20.68	22.0	0.129	**0.17**	0.06
20525	836.5	25RB0	Front	/	20.69	22.0	0.143	**0.19**	0.01
20525	836.5	1RB49	Rear	/	20.68	22.0	0.194	**0.26**	0.13
20525	836.5	25RB0	Rear	/	20.69	22.0	0.216	**0.29**	-0.14
20525	836.5	1RB49	Left	/	20.68	22.0	0.081	**0.11**	0.13
20525	836.5	25RB0	Left	/	20.69	22.0	0.092	**0.12**	0.01
20525	836.5	1RB49	Right	/	20.68	22.0	0.087	**0.12**	0.11
20525	836.5	25RB0	Right	/	20.69	22.0	0.093	**0.13**	0.18
20525	836.5	1RB49	Top	/	20.68	22.0	0.134	**0.18**	0.09
20525	836.5	25RB0	Top	/	20.69	22.0	0.150	**0.20**	-0.16
Body-Worn Test Data (15mm) - Power Level B3(DC_5A_n7A)									
20525	836.5	1RB49	Front	/	20.68	22.0	0.074	**0.10**	0.15
20525	836.5	25RB0	Front	/	20.69	22.0	0.085	**0.11**	-0.11
20525	836.5	1RB49	Rear	/	20.68	22.0	0.093	**0.13**	-0.02
20525	836.5	25RB0	Rear	/	20.69	22.0	0.102	**0.14**	0.07
Hotspot Test Data (10mm) - Power Level B4(DC_5A_n66A)									
20525	836.5	1RB49	Front	/	20.11	21.5	0.118	**0.16**	0.03
20525	836.5	25RB0	Front	/	20.27	21.5	0.131	**0.17**	-0.12

20525	836.5	1RB49	Rear	/	20.11	21.5	0.178	**0.25**	-0.15
20525	836.5	25RB0	Rear	/	20.27	21.5	0.198	**0.26**	-0.12
20525	836.5	1RB49	Left	/	20.11	21.5	0.075	**0.10**	0.13
20525	836.5	25RB0	Left	/	20.27	21.5	0.084	**0.11**	-0.17
20525	836.5	1RB49	Right	/	20.11	21.5	0.080	**0.11**	-0.17
20525	836.5	25RB0	Right	/	20.27	21.5	0.085	**0.11**	0.08
20525	836.5	1RB49	Top	/	20.11	21.5	0.123	**0.17**	-0.12
20525	836.5	25RB0	Top	/	20.27	21.5	0.137	**0.18**	-0.14
Body-Worn Test Data (15mm) - Power Level B4(DC_5A_n66A)									
20525	836.5	1RB49	Front	/	20.11	21.5	0.069	**0.09**	0.11
20525	836.5	25RB0	Front	/	20.27	21.5	0.078	**0.10**	-0.12
20525	836.5	1RB49	Rear	/	20.11	21.5	0.081	**0.11**	-0.12
20525	836.5	25RB0	Rear	/	20.27	21.5	0.090	**0.12**	0.08
Hotspot Test Data (10mm) - Power Level B4(DC_5A_n7A)									
20525	836.5	1RB49	Front	/	19.86	21.0	0.110	**0.14**	-0.11
20525	836.5	25RB0	Front	/	19.94	21.0	0.121	**0.15**	-0.14
20525	836.5	1RB49	Rear	/	19.86	21.0	0.165	**0.21**	0.16
20525	836.5	25RB0	Rear	/	19.94	21.0	0.183	**0.23**	0.01
20525	836.5	1RB49	Left	/	19.86	21.0	0.069	**0.09**	0.19
20525	836.5	25RB0	Left	/	19.94	21.0	0.078	**0.10**	-0.15
20525	836.5	1RB49	Right	/	19.86	21.0	0.073	**0.10**	-0.08
20525	836.5	25RB0	Right	/	19.94	21.0	0.078	**0.10**	0.06
20525	836.5	1RB49	Top	/	19.86	21.0	0.114	**0.15**	0.11
20525	836.5	25RB0	Top	/	19.94	21.0	0.127	**0.16**	0.02
Body-Worn Test Data (15mm) - Power Level B4(DC_5A_n7A)									
20525	836.5	1RB49	Front	/	19.86	21.0	0.063	**0.08**	0.01
20525	836.5	25RB0	Front	/	19.94	21.0	0.071	**0.09**	-0.10
20525	836.5	1RB49	Rear	/	19.86	21.0	0.076	**0.10**	-0.04
20525	836.5	25RB0	Rear	/	19.94	21.0	0.084	**0.11**	-0.10

Table 13.17: SAR Values (LTE Band 7 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
21350	2560.0	1RB99	Left Cheek	/	23.02	24.0	0.153	**0.19**	-0.14
21350	2560.0	50RB50	Left Cheek	/	21.94	23.0	0.154	**0.20**	0.00
21350	2560.0	1RB99	Left Tilt	/	23.02	24.0	0.091	**0.11**	-0.19
21350	2560.0	50RB50	Left Tilt	/	21.94	23.0	0.090	**0.11**	-0.19
21350	2560.0	1RB99	Right Cheek	/	23.02	24.0	0.301	**0.38**	0.07
21350	2560.0	50RB50	Right Cheek	/	21.94	23.0	0.304	**0.39**	-0.13
21350	2560.0	1RB99	Right Tilt	/	23.02	24.0	0.138	**0.17**	0.01
21350	2560.0	50RB50	Right Tilt	/	21.94	23.0	0.139	**0.18**	0.04
The worst case with CA_7C									
21350	2560.0	CA	Right Cheek	/	22.95	24.0	0.286	**0.36**	-0.09

Table 13.18: SAR Values (LTE Band 7 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
21350	2560.0	1RB99	Front	/	22.02	23.0	0.362	**0.45**	0.17
21350	2560.0	50RB50	Front	/	21.97	23.0	0.353	**0.45**	0.06
21350	2560.0	1RB99	Rear	/	22.02	23.0	0.440	**0.55**	-0.14
21350	2560.0	50RB50	Rear	/	21.97	23.0	0.436	**0.55**	-0.06
21350	2560.0	1RB99	Left	/	22.02	23.0	0.043	**0.05**	0.05
21350	2560.0	50RB50	Left	/	21.97	23.0	0.039	**0.05**	-0.08
21350	2560.0	1RB99	Right	/	22.02	23.0	0.268	**0.34**	0.11
21350	2560.0	50RB50	Right	/	21.97	23.0	0.278	**0.35**	0.09
21350	2560.0	1RB99	Bottom	/	22.02	23.0	0.334	**0.42**	-0.10
21350	2560.0	50RB50	Bottom	/	21.97	23.0	0.328	**0.42**	0.14
Body-Worn Test Data (15mm) - Power Level B1									
21350	2560.0	1RB99	Front	/	22.02	23.0	0.219	**0.27**	-0.07
21350	2560.0	50RB50	Front	/	21.97	23.0	0.215	**0.27**	0.11
21350	2560.0	1RB99	Rear	/	22.02	23.0	0.236	**0.30**	-0.02
21350	2560.0	50RB50	Rear	/	21.97	23.0	0.234	**0.30**	-0.12
Hotspot Test Data (10mm) - Power Level B2									
21350	2560.0	1RB99	Front	/	21.52	22.5	0.340	**0.43**	-0.19
21350	2560.0	50RB50	Front	/	21.50	22.5	0.331	**0.42**	0.14
21350	2560.0	1RB99	Rear	/	21.52	22.5	0.413	**0.52**	-0.17
21350	2560.0	50RB50	Rear	/	21.50	22.5	0.409	**0.51**	0.09
21350	2560.0	1RB99	Left	/	21.52	22.5	0.041	**0.05**	0.08
21350	2560.0	50RB50	Left	/	21.50	22.5	0.036	**0.05**	0.02

21350	2560.0	1RB99	Right	/	21.52	22.5	0.252	**0.32**	0.13
21350	2560.0	50RB50	Right	/	21.50	22.5	0.261	**0.33**	-0.09
21350	2560.0	1RB99	Bottom	/	21.52	22.5	0.314	**0.39**	-0.11
21350	2560.0	50RB50	Bottom	/	21.50	22.5	0.308	**0.39**	0.06
Body-Worn Test Data (15mm) - Power Level B2									
21350	2560.0	1RB99	Front	/	21.52	22.5	0.201	**0.25**	0.02
21350	2560.0	50RB50	Front	/	21.50	22.5	0.198	**0.25**	0.12
21350	2560.0	1RB99	Rear	/	21.52	22.5	0.217	**0.27**	-0.13
21350	2560.0	50RB50	Rear	/	21.50	22.5	0.215	**0.27**	0.06
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n5A)									
21350	2560.0	1RB99	Front	/	20.75	22.0	0.321	**0.43**	-0.04
21350	2560.0	50RB50	Front	/	20.79	22.0	0.312	**0.41**	0.10
21350	2560.0	1RB99	Rear	/	20.75	22.0	0.390	**0.52**	0.12
21350	2560.0	50RB50	Rear	/	20.79	22.0	0.386	**0.51**	0.13
21350	2560.0	1RB99	Left	/	20.75	22.0	0.038	**0.05**	0.19
21350	2560.0	50RB50	Left	/	20.79	22.0	0.034	**0.05**	-0.10
21350	2560.0	1RB99	Right	/	20.75	22.0	0.237	**0.32**	-0.06
21350	2560.0	50RB50	Right	/	20.79	22.0	0.246	**0.33**	-0.04
21350	2560.0	1RB99	Bottom	/	20.75	22.0	0.296	**0.39**	0.09
21350	2560.0	50RB50	Bottom	/	20.79	22.0	0.291	**0.38**	-0.06
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n5A)									
21350	2560.0	1RB99	Front	/	20.75	22.0	0.178	**0.24**	0.16
21350	2560.0	50RB50	Front	/	20.79	22.0	0.175	**0.23**	0.15
21350	2560.0	1RB99	Rear	/	20.75	22.0	0.192	**0.26**	-0.05
21350	2560.0	50RB50	Rear	/	20.79	22.0	0.191	**0.25**	0.12
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n66A)									
21350	2560.0	1RB99	Front	/	19.25	20.5	0.225	**0.30**	0.06
21350	2560.0	50RB50	Front	/	19.25	20.5	0.221	**0.29**	0.18
21350	2560.0	1RB99	Rear	/	19.25	20.5	0.274	**0.37**	-0.14
21350	2560.0	50RB50	Rear	/	19.25	20.5	0.272	**0.36**	-0.12
21350	2560.0	1RB99	Left	/	19.25	20.5	0.027	**0.04**	0.06
21350	2560.0	50RB50	Left	/	19.25	20.5	0.024	**0.03**	0.00
21350	2560.0	1RB99	Right	/	19.25	20.5	0.167	**0.22**	-0.19
21350	2560.0	50RB50	Right	/	19.25	20.5	0.173	**0.23**	-0.05
21350	2560.0	1RB99	Bottom	/	19.25	20.5	0.208	**0.28**	0.18
21350	2560.0	50RB50	Bottom	/	19.25	20.5	0.204	**0.27**	0.03
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n66A)									
21350	2560.0	1RB99	Front	/	19.25	20.5	0.127	**0.17**	-0.13
21350	2560.0	50RB50	Front	/	19.25	20.5	0.124	**0.17**	0.00
21350	2560.0	1RB99	Rear	/	19.25	20.5	0.137	**0.18**	-0.14
21350	2560.0	50RB50	Rear	/	19.25	20.5	0.135	**0.18**	0.14
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n5A)									
21350	2560.0	1RB99	Front	/	19.76	21.0	0.244	**0.32**	0.02

21350	2560.0	50RB50	Front	/	19.79	21.0	0.238	**0.31**	0.19
21350	2560.0	1RB99	Rear	/	19.76	21.0	0.297	**0.40**	-0.10
21350	2560.0	50RB50	Rear	/	19.79	21.0	0.294	**0.39**	0.05
21350	2560.0	1RB99	Left	/	19.76	21.0	0.029	**0.04**	-0.05
21350	2560.0	50RB50	Left	/	19.79	21.0	0.026	**0.03**	0.01
21350	2560.0	1RB99	Right	/	19.76	21.0	0.181	**0.24**	-0.03
21350	2560.0	50RB50	Right	/	19.79	21.0	0.187	**0.25**	-0.17
21350	2560.0	1RB99	Bottom	/	19.76	21.0	0.225	**0.30**	-0.19
21350	2560.0	50RB50	Bottom	/	19.79	21.0	0.221	**0.29**	-0.05
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n5A)									
21350	2560.0	1RB99	Front	/	19.76	21.0	0.136	**0.18**	0.08
21350	2560.0	50RB50	Front	/	19.79	21.0	0.133	**0.18**	-0.11
21350	2560.0	1RB99	Rear	/	19.76	21.0	0.147	**0.20**	0.01
21350	2560.0	50RB50	Rear	/	19.79	21.0	0.145	**0.19**	0.19
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n66A)									
21350	2560.0	1RB99	Front	/	18.24	19.5	0.168	**0.22**	0.13
21350	2560.0	50RB50	Front	/	18.23	19.5	0.164	**0.22**	0.18
21350	2560.0	1RB99	Rear	/	18.24	19.5	0.204	**0.27**	-0.09
21350	2560.0	50RB50	Rear	/	18.23	19.5	0.202	**0.27**	0.14
21350	2560.0	1RB99	Left	/	18.24	19.5	0.020	**0.03**	-0.13
21350	2560.0	50RB50	Left	/	18.23	19.5	0.018	**0.02**	0.01
21350	2560.0	1RB99	Right	/	18.24	19.5	0.124	**0.17**	0.01
21350	2560.0	50RB50	Right	/	18.23	19.5	0.129	**0.17**	0.09
21350	2560.0	1RB99	Bottom	/	18.24	19.5	0.155	**0.21**	0.08
21350	2560.0	50RB50	Bottom	/	18.23	19.5	0.152	**0.20**	0.10
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n66A)									
21350	2560.0	1RB99	Front	/	18.24	19.5	0.098	**0.13**	0.14
21350	2560.0	50RB50	Front	/	18.23	19.5	0.097	**0.13**	0.11
21350	2560.0	1RB99	Rear	/	18.24	19.5	0.106	**0.14**	-0.16
21350	2560.0	50RB50	Rear	/	18.23	19.5	0.105	**0.14**	0.12
Hotspot Test Data (10mm) - The worst case with CA_7C									
21350	2560.0	CA	Rear	/	21.96	23.0	0.426	**0.54**	0.13
Body-Worn Test Data (15mm) - The worst case with CA_7C									
21350	2560.0	CA	Rear	/	21.96	23.0	0.204	**0.26**	-0.08

Table 13.19: SAR Values (LTE Band 7 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
21100	2535.0	1RB50	Left Cheek	/	14.56	15.5	0.183	**0.23**	0.05
21100	2535.0	50RB50	Left Cheek	/	14.63	15.5	0.150	**0.18**	0.16
21100	2535.0	1RB50	Left Tilt	/	14.56	15.5	0.194	**0.24**	0.20
21100	2535.0	50RB50	Left Tilt	/	14.63	15.5	0.199	**0.24**	0.02
21100	2535.0	1RB50	Right Cheek	/	14.56	15.5	0.511	**0.63**	0.03
21100	2535.0	50RB50	Right Cheek	/	14.63	15.5	0.519	**0.63**	0.06
21100	2535.0	1RB50	Right Tilt	/	14.56	15.5	0.669	**0.83**	0.08
21100	2535.0	50RB50	Right Tilt	/	14.63	15.5	0.679	**0.83**	0.17
21350	2560.0	1RB50	Right Tilt	/	14.55	15.5	0.698	**0.87**	0.08
20850	2510.0	1RB50	Right Tilt	/	14.51	15.5	0.583	**0.73**	0.12
21350	2560.0	50RB50	Right Tilt	**17**	14.58	15.5	**0.705**	0.87	0.02
20850	2510.0	50RB50	Right Tilt	/	14.53	15.5	0.592	**0.74**	0.07
21100	2535.0	100RB	Right Tilt	/	14.53	15.5	0.685	**0.86**	0.09
Power Level A3(DC_7A_n5A)									
21100	2535.0	1RB50	Left Cheek	/	14.29	15.0	0.124	**0.15**	-0.18
21100	2535.0	50RB50	Left Cheek	/	14.33	15.0	0.102	**0.12**	-0.04
21100	2535.0	1RB50	Left Tilt	/	14.29	15.0	0.132	**0.16**	-0.18
21100	2535.0	50RB50	Left Tilt	/	14.33	15.0	0.135	**0.16**	0.16
21100	2535.0	1RB50	Right Cheek	/	14.29	15.0	0.347	**0.41**	0.15
21100	2535.0	50RB50	Right Cheek	/	14.33	15.0	0.352	**0.41**	-0.13
21100	2535.0	1RB50	Right Tilt	/	14.29	15.0	0.454	**0.53**	-0.03
21100	2535.0	50RB50	Right Tilt	/	14.33	15.0	0.461	**0.54**	-0.13
Power Level A3(DC_7A_n66A)									
21100	2535.0	1RB50	Left Cheek	/	12.24	13.0	0.079	**0.09**	-0.17
21100	2535.0	50RB50	Left Cheek	/	12.24	13.0	0.064	**0.08**	-0.14
21100	2535.0	1RB50	Left Tilt	/	12.24	13.0	0.083	**0.10**	-0.06
21100	2535.0	50RB50	Left Tilt	/	12.24	13.0	0.086	**0.10**	0.07
21100	2535.0	1RB50	Right Cheek	/	12.24	13.0	0.218	**0.26**	-0.12
21100	2535.0	50RB50	Right Cheek	/	12.24	13.0	0.222	**0.26**	0.11
21100	2535.0	1RB50	Right Tilt	/	12.24	13.0	0.286	**0.34**	0.18
21100	2535.0	50RB50	Right Tilt	/	12.24	13.0	0.290	**0.35**	0.01
Power Level A4(DC_7A_n5A)									
21100	2535.0	1RB50	Left Cheek	/	12.76	13.5	0.082	**0.10**	0.17
21100	2535.0	50RB50	Left Cheek	/	12.77	13.5	0.067	**0.08**	-0.20
21100	2535.0	1RB50	Left Tilt	/	12.76	13.5	0.087	**0.10**	-0.03
21100	2535.0	50RB50	Left Tilt	/	12.77	13.5	0.089	**0.11**	-0.05
21100	2535.0	1RB50	Right Cheek	/	12.76	13.5	0.230	**0.27**	-0.02
21100	2535.0	50RB50	Right Cheek	/	12.77	13.5	0.233	**0.28**	0.07

21100	2535.0	1RB50	Right Tilt	/	12.76	13.5	0.301	**0.36**	0.03
21100	2535.0	50RB50	Right Tilt	/	12.77	13.5	0.305	**0.36**	0.09
Power Level A4(DC_7A_n66A)									
21100	2535.0	1RB50	Left Cheek	/	11.73	12.5	0.069	**0.08**	0.09
21100	2535.0	50RB50	Left Cheek	/	11.76	12.5	0.056	**0.07**	-0.08
21100	2535.0	1RB50	Left Tilt	/	11.73	12.5	0.073	**0.09**	0.17
21100	2535.0	50RB50	Left Tilt	/	11.76	12.5	0.075	**0.09**	0.07
21100	2535.0	1RB50	Right Cheek	/	11.73	12.5	0.193	**0.23**	0.16
21100	2535.0	50RB50	Right Cheek	/	11.76	12.5	0.196	**0.23**	0.04
21100	2535.0	1RB50	Right Tilt	/	11.73	12.5	0.253	**0.30**	-0.05
21100	2535.0	50RB50	Right Tilt	/	11.76	12.5	0.256	**0.30**	0.04
The worst case with CA_7C									
21350	2560.0	CA	Right Tilt	/	14.52	15.5	0.690	**0.86**	0.05

Table 13.20: SAR Values (LTE Band 7 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
21100	2535.0	1RB50	Front	/	17.62	18.5	0.189	**0.23**	-0.04
21100	2535.0	50RB50	Front	/	17.67	18.5	0.178	**0.22**	-0.03
21100	2535.0	1RB50	Rear	/	17.62	18.5	0.406	**0.50**	-0.13
21100	2535.0	50RB50	Rear	/	17.67	18.5	0.420	**0.51**	0.10
21100	2535.0	1RB50	Left	/	17.62	18.5	0.111	**0.14**	0.06
21100	2535.0	50RB50	Left	/	17.67	18.5	0.126	**0.15**	-0.17
21100	2535.0	1RB50	Right	/	17.62	18.5	0.009	**0.01**	-0.08
21100	2535.0	50RB50	Right	/	17.67	18.5	0.010	**0.01**	0.16
21100	2535.0	1RB50	Top	/	17.62	18.5	0.545	**0.67**	0.16
21100	2535.0	50RB50	Top	**18**	17.67	18.5	**0.553**	0.67	-0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
21100	2535.0	1RB50	Front	/	17.62	18.5	0.086	**0.10**	-0.09
21100	2535.0	50RB50	Front	/	17.67	18.5	0.087	**0.11**	0.01
21100	2535.0	1RB50	Rear	/	17.62	18.5	0.166	**0.20**	0.04
21100	2535.0	50RB50	Rear	/	17.67	18.5	0.180	**0.22**	0.02
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	16.85	17.5	0.148	**0.17**	0.05
21100	2535.0	50RB50	Front	/	16.84	17.5	0.140	**0.16**	-0.02
21100	2535.0	1RB50	Rear	/	16.85	17.5	0.319	**0.37**	0.03
21100	2535.0	50RB50	Rear	/	16.84	17.5	0.325	**0.38**	0.13
21100	2535.0	1RB50	Left	/	16.85	17.5	0.087	**0.10**	0.07
21100	2535.0	50RB50	Left	/	16.84	17.5	0.099	**0.12**	0.14
21100	2535.0	1RB50	Right	/	16.85	17.5	0.007	**0.01**	0.01
21100	2535.0	50RB50	Right	/	16.84	17.5	0.008	**0.01**	0.09

21100	2535.0	1RB50	Top	/	16.85	17.5	0.425	**0.49**	0.08
21100	2535.0	50RB50	Top	/	16.84	17.5	0.434	**0.51**	0.13
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	16.85	17.5	0.073	**0.08**	0.05
21100	2535.0	50RB50	Front	/	16.84	17.5	0.074	**0.09**	-0.03
21100	2535.0	1RB50	Rear	/	16.85	17.5	0.141	**0.16**	0.02
21100	2535.0	50RB50	Rear	/	16.84	17.5	0.153	**0.18**	0.04
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n66A) / B4(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	15.85	16.5	0.121	**0.14**	0.04
21100	2535.0	50RB50	Front	/	15.82	16.5	0.114	**0.13**	-0.01
21100	2535.0	1RB50	Rear	/	15.85	16.5	0.260	**0.30**	0.05
21100	2535.0	50RB50	Rear	/	15.82	16.5	0.265	**0.31**	0.02
21100	2535.0	1RB50	Left	/	15.85	16.5	0.071	**0.08**	-0.08
21100	2535.0	50RB50	Left	/	15.82	16.5	0.081	**0.09**	0.04
21100	2535.0	1RB50	Right	/	15.85	16.5	0.005	**0.01**	0.02
21100	2535.0	50RB50	Right	/	15.82	16.5	0.006	**0.01**	-0.18
21100	2535.0	1RB50	Top	/	15.85	16.5	0.347	**0.40**	0.05
21100	2535.0	50RB50	Top	/	15.82	16.5	0.354	**0.41**	-0.03
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n66A) / B4(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	15.85	16.5	0.056	**0.07**	0.02
21100	2535.0	50RB50	Front	/	15.82	16.5	0.057	**0.07**	0.03
21100	2535.0	1RB50	Rear	/	15.85	16.5	0.109	**0.13**	0.15
21100	2535.0	50RB50	Rear	/	15.82	16.5	0.118	**0.14**	0.01
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	14.81	15.5	0.093	**0.11**	0.06
21100	2535.0	50RB50	Front	/	14.79	15.5	0.088	**0.10**	-0.02
21100	2535.0	1RB50	Rear	/	14.81	15.5	0.201	**0.24**	0.15
21100	2535.0	50RB50	Rear	/	14.79	15.5	0.204	**0.24**	0.08
21100	2535.0	1RB50	Left	/	14.81	15.5	0.055	**0.06**	-0.11
21100	2535.0	50RB50	Left	/	14.79	15.5	0.062	**0.07**	0.02
21100	2535.0	1RB50	Right	/	14.81	15.5	0.004	**0.00**	0.11
21100	2535.0	50RB50	Right	/	14.79	15.5	0.005	**0.01**	0.03
21100	2535.0	1RB50	Top	/	14.81	15.5	0.268	**0.31**	-0.15
21100	2535.0	50RB50	Top	/	14.79	15.5	0.273	**0.32**	0.07
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	14.81	15.5	0.047	**0.06**	0.04
21100	2535.0	50RB50	Front	/	14.79	15.5	0.048	**0.06**	-0.05
21100	2535.0	1RB50	Rear	/	14.81	15.5	0.091	**0.11**	0.07
21100	2535.0	50RB50	Rear	/	14.79	15.5	0.099	**0.12**	0.06
Hotspot Test Data (10mm) - The worst case with CA_7C									
21100	2535.0	CA	Top	/	17.58	18.5	0.526	**0.65**	0.09
Body-Worn Test Data (15mm) - The worst case with CA_7C									
21100	2535.0	CA	Rear	/	17.58	18.5	0.169	**0.21**	0.09

Table 13.21: SAR Values (LTE Band 7 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
21100	2535.0	1RB50	Left Cheek	/	20.62	22.0	0.138	**0.19**	-0.06
21100	2535.0	50RB50	Left Cheek	/	19.56	21.0	0.111	**0.15**	0.02
21100	2535.0	1RB50	Left Tilt	/	20.62	22.0	0.120	**0.16**	0.09
21100	2535.0	50RB50	Left Tilt	/	19.56	21.0	0.096	**0.13**	0.01
21100	2535.0	1RB50	Right Cheek	/	20.62	22.0	0.320	**0.44**	0.06
21100	2535.0	50RB50	Right Cheek	/	19.56	21.0	0.257	**0.36**	-0.05
21100	2535.0	1RB50	Right Tilt	/	20.62	22.0	0.181	**0.25**	0.09
21100	2535.0	50RB50	Right Tilt	/	19.56	21.0	0.145	**0.20**	0.07

Table 13.22: SAR Values (LTE Band 7 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	17.61	19.0	0.048	**0.07**	-0.05
21100	2535.0	50RB50	Front	/	17.52	19.0	0.053	**0.07**	0.04
21100	2535.0	1RB50	Rear	/	17.61	19.0	0.434	**0.60**	0.10
21100	2535.0	50RB50	Rear	/	17.52	19.0	0.432	**0.61**	0.18
21100	2535.0	1RB50	Left	/	17.61	19.0	0.264	**0.36**	-0.17
21100	2535.0	50RB50	Left	/	17.52	19.0	0.267	**0.38**	-0.13
21100	2535.0	1RB50	Top	/	17.61	19.0	0.061	**0.08**	0.15
21100	2535.0	50RB50	Top	/	17.52	19.0	0.043	**0.06**	-0.08
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	17.61	19.0	0.027	**0.04**	-0.15
21100	2535.0	50RB50	Front	/	17.52	19.0	0.025	**0.03**	-0.09
21100	2535.0	1RB50	Rear	/	17.61	19.0	0.201	**0.28**	-0.19
21100	2535.0	50RB50	Rear	/	17.52	19.0	0.194	**0.27**	0.14
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	16.21	17.5	0.030	**0.04**	0.18
21100	2535.0	50RB50	Front	/	16.16	17.5	0.034	**0.05**	-0.16
21100	2535.0	1RB50	Rear	/	16.21	17.5	0.274	**0.37**	0.04
21100	2535.0	50RB50	Rear	/	16.16	17.5	0.272	**0.37**	0.13
21100	2535.0	1RB50	Left	/	16.21	17.5	0.166	**0.22**	-0.04
21100	2535.0	50RB50	Left	/	16.16	17.5	0.168	**0.23**	-0.11
21100	2535.0	1RB50	Top	/	16.21	17.5	0.039	**0.05**	-0.04
21100	2535.0	50RB50	Top	/	16.16	17.5	0.027	**0.04**	0.19
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	16.21	17.5	0.017	**0.02**	-0.18

21100	2535.0	50RB50	Front	/	16.16	17.5	0.016	**0.02**	0.18
21100	2535.0	1RB50	Rear	/	16.21	17.5	0.128	**0.17**	0.09
21100	2535.0	50RB50	Rear	/	16.16	17.5	0.123	**0.17**	-0.15
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	16.75	18.0	0.037	**0.05**	0.07
21100	2535.0	50RB50	Front	/	16.71	18.0	0.041	**0.06**	0.15
21100	2535.0	1RB50	Rear	/	16.75	18.0	0.336	**0.45**	-0.11
21100	2535.0	50RB50	Rear	/	16.71	18.0	0.334	**0.45**	0.04
21100	2535.0	1RB50	Left	/	16.75	18.0	0.204	**0.27**	0.06
21100	2535.0	50RB50	Left	/	16.71	18.0	0.206	**0.28**	0.13
21100	2535.0	1RB50	Top	/	16.75	18.0	0.047	**0.06**	0.14
21100	2535.0	50RB50	Top	/	16.71	18.0	0.034	**0.05**	0.06
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n5A)									
21100	2535.0	1RB50	Front	/	16.75	18.0	0.020	**0.03**	0.08
21100	2535.0	50RB50	Front	/	16.71	18.0	0.019	**0.03**	-0.14
21100	2535.0	1RB50	Rear	/	16.75	18.0	0.152	**0.20**	-0.13
21100	2535.0	50RB50	Rear	/	16.71	18.0	0.146	**0.20**	-0.09
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	15.18	16.5	0.024	**0.03**	-0.02
21100	2535.0	50RB50	Front	/	15.11	16.5	0.027	**0.04**	0.08
21100	2535.0	1RB50	Rear	/	15.18	16.5	0.219	**0.30**	0.02
21100	2535.0	50RB50	Rear	/	15.11	16.5	0.218	**0.30**	0.18
21100	2535.0	1RB50	Left	/	15.18	16.5	0.133	**0.18**	0.08
21100	2535.0	50RB50	Left	/	15.11	16.5	0.134	**0.18**	0.09
21100	2535.0	1RB50	Top	/	15.18	16.5	0.031	**0.04**	-0.19
21100	2535.0	50RB50	Top	/	15.11	16.5	0.022	**0.03**	-0.13
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n66A)									
21100	2535.0	1RB50	Front	/	15.18	16.5	0.014	**0.02**	-0.08
21100	2535.0	50RB50	Front	/	15.11	16.5	0.013	**0.02**	0.15
21100	2535.0	1RB50	Rear	/	15.18	16.5	0.104	**0.14**	0.05
21100	2535.0	50RB50	Rear	/	15.11	16.5	0.100	**0.14**	0.18

Table 13.23: SAR Values (LTE Band 12 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23130	711.0	1RB49	Left Cheek	/	23.97	25.0	0.054	**0.07**	-0.07
23130	711.0	25RB25	Left Cheek	/	22.93	24.0	0.056	**0.07**	0.10
23130	711.0	1RB49	Left Tilt	/	23.97	25.0	0.047	**0.06**	-0.04
23130	711.0	25RB25	Left Tilt	/	22.93	24.0	0.049	**0.06**	0.01
23130	711.0	1RB49	Right Cheek	/	23.97	25.0	0.035	**0.04**	0.11
23130	711.0	25RB25	Right Cheek	/	22.93	24.0	0.044	**0.06**	-0.16
23130	711.0	1RB49	Right Tilt	/	23.97	25.0	0.043	**0.05**	0.08
23130	711.0	25RB25	Right Tilt	/	22.93	24.0	0.042	**0.05**	-0.04

Table 13.24: SAR Values (LTE Band 12 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23130	711.0	1RB49	Front	/	20.95	22.0	0.068	**0.09**	0.01
23130	711.0	25RB25	Front	/	20.93	22.0	0.062	**0.08**	0.02
23130	711.0	1RB49	Rear	/	20.95	22.0	0.114	**0.15**	-0.01
23130	711.0	25RB25	Rear	/	20.93	22.0	0.105	**0.13**	0.02
23130	711.0	1RB49	Left	/	20.95	22.0	0.110	**0.14**	-0.04
23130	711.0	25RB25	Left	/	20.93	22.0	0.098	**0.13**	-0.07
23130	711.0	1RB49	Right	/	20.95	22.0	0.063	**0.08**	0.14
23130	711.0	25RB25	Right	/	20.93	22.0	0.058	**0.07**	-0.14
23130	711.0	1RB49	Bottom	/	20.95	22.0	0.054	**0.07**	0.13
23130	711.0	25RB25	Bottom	/	20.93	22.0	0.050	**0.06**	0.01
Body-Worn Test Data (15mm) - Power Level B1/B2									
23130	711.0	1RB49	Front	/	20.95	22.0	0.034	**0.04**	0.06
23130	711.0	25RB25	Front	/	20.93	22.0	0.037	**0.05**	0.05
23130	711.0	1RB49	Rear	/	20.95	22.0	0.051	**0.07**	0.10
23130	711.0	25RB25	Rear	/	20.93	22.0	0.055	**0.07**	-0.02

Table 13.25: SAR Values (LTE Band 12 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23095	707.5	1RB24	Left Cheek	/	22.68	23.5	0.194	**0.23**	0.12
23095	707.5	25RB0	Left Cheek	/	22.64	23.5	0.183	**0.22**	0.06
23095	707.5	1RB24	Left Tilt	/	22.68	23.5	0.151	**0.18**	0.15
23095	707.5	25RB0	Left Tilt	/	22.64	23.5	0.150	**0.18**	0.05
23095	707.5	1RB24	Right Cheek	/	22.68	23.5	0.476	**0.57**	0.10
23095	707.5	25RB0	Right Cheek	/	22.64	23.5	0.470	**0.57**	0.11
23095	707.5	1RB24	Right Tilt	/	22.68	23.5	0.580	**0.70**	0.05
23095	707.5	25RB0	Right Tilt	**19**	22.64	23.5	**0.582**	0.71	0.08
23095	707.5	25RB0	Right Tilt	M2	22.64	23.5	0.463	**0.56**	0.04
23095	707.5	25RB0	Right Tilt	B2	22.64	23.5	0.569	**0.69**	0.07
23095	707.5	25RB0	Right Tilt	B3	22.64	23.5	0.574	**0.70**	0.03

Table 13.26: SAR Values (LTE Band 12 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23095	707.5	1RB24	Front	/	23.60	24.5	0.134	**0.16**	0.19
23095	707.5	25RB0	Front	/	22.56	23.5	0.102	**0.13**	-0.18
23095	707.5	1RB24	Rear	/	23.60	24.5	0.169	**0.21**	0.02
23095	707.5	25RB0	Rear	/	22.56	23.5	0.144	**0.18**	-0.17
23095	707.5	1RB24	Left	**20**	23.60	24.5	**0.248**	0.31	0.01
23095	707.5	25RB0	Left	/	22.56	23.5	0.148	**0.18**	-0.18
23095	707.5	1RB24	Right	/	23.60	24.5	0.144	**0.18**	0.05
23095	707.5	25RB0	Right	/	22.56	23.5	0.107	**0.13**	-0.04
23095	707.5	1RB24	Top	/	23.60	24.5	0.115	**0.14**	0.09
23095	707.5	25RB0	Top	/	22.56	23.5	0.089	**0.11**	-0.01
Body-Worn Test Data (15mm) - Power Level B1/B2									
23095	707.5	1RB24	Front	/	23.60	24.5	0.144	**0.18**	0.18
23095	707.5	25RB0	Front	/	22.56	23.5	0.116	**0.14**	0.06
23095	707.5	1RB24	Rear	/	23.60	24.5	0.204	0.25	0.02
23095	707.5	25RB0	Rear	/	22.56	23.5	0.144	**0.18**	-0.11

Table 13.27: SAR Values (LTE Band 13 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23230	782.0	1RB0	Left Cheek	/	23.85	25.0	0.143	**0.19**	-0.13
23230	782.0	25RB12	Left Cheek	/	22.70	24.0	0.116	**0.16**	0.14
23230	782.0	1RB0	Left Tilt	/	23.85	25.0	0.083	**0.11**	0.11
23230	782.0	25RB12	Left Tilt	/	22.70	24.0	0.072	**0.10**	0.10
23230	782.0	1RB0	Right Cheek	/	23.85	25.0	0.121	**0.16**	0.12
23230	782.0	25RB12	Right Cheek	/	22.70	24.0	0.101	**0.14**	-0.02
23230	782.0	1RB0	Right Tilt	/	23.85	25.0	0.065	**0.08**	0.02
23230	782.0	25RB12	Right Tilt	/	22.70	24.0	0.056	**0.08**	-0.16

Table 13.28: SAR Values (LTE Band 13 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23230	782.0	1RB0	Front	/	23.85	25.0	0.111	**0.14**	-0.06
23230	782.0	25RB12	Front	/	22.70	24.0	0.092	**0.12**	0.01
23230	782.0	1RB0	Rear	/	23.85	25.0	0.221	**0.29**	-0.01
23230	782.0	25RB12	Rear	/	22.70	24.0	0.184	**0.25**	-0.06
23230	782.0	1RB0	Left	/	23.85	25.0	0.121	**0.16**	-0.09
23230	782.0	25RB12	Left	/	22.70	24.0	0.111	**0.15**	0.13
23230	782.0	1RB0	Right	/	23.85	25.0	0.081	**0.11**	0.13
23230	782.0	25RB12	Right	/	22.70	24.0	0.073	**0.10**	0.08
23230	782.0	1RB0	Bottom	/	23.85	25.0	0.113	**0.15**	-0.10
23230	782.0	25RB12	Bottom	/	22.70	24.0	0.098	**0.13**	0.17
Body-Worn Test Data (15mm) - Power Level B1/B2									
23230	782.0	1RB0	Front	/	23.85	25.0	0.133	**0.17**	0.16
23230	782.0	25RB12	Front	/	22.70	24.0	0.117	**0.16**	0.04
23230	782.0	1RB0	Rear	/	23.85	25.0	0.178	**0.23**	-0.01
23230	782.0	25RB12	Rear	/	22.70	24.0	0.146	**0.20**	0.03

Table 13.29: SAR Values (LTE Band 13 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23230	782.0	1RB24	Left Cheek	/	21.09	22.0	0.312	**0.38**	0.02
23230	782.0	25RB12	Left Cheek	/	21.04	22.0	0.304	**0.38**	-0.01
23230	782.0	1RB24	Left Tilt	/	21.09	22.0	0.201	**0.25**	0.09
23230	782.0	25RB12	Left Tilt	/	21.04	22.0	0.198	**0.25**	0.08
23230	782.0	1RB24	Right Cheek	**21**	21.09	22.0	**0.533**	**0.66**	0.07
23230	782.0	25RB12	Right Cheek	/	21.04	22.0	0.526	**0.66**	0.07
23230	782.0	1RB24	Right Tilt	/	21.09	22.0	0.486	**0.60**	0.08
23230	782.0	25RB12	Right Tilt	/	21.04	22.0	0.475	**0.59**	0.04

Table 13.30: SAR Values (LTE Band 13 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23230	782.0	1RB24	Front	/	23.59	24.5	0.162	**0.20**	0.03
23230	782.0	25RB12	Front	/	22.53	23.5	0.125	**0.16**	-0.05
23230	782.0	1RB24	Rear	/	23.59	24.5	0.238	**0.29**	0.00
23230	782.0	25RB12	Rear	/	22.53	23.5	0.194	**0.24**	-0.06
23230	782.0	1RB24	Left	**22**	23.59	24.5	**0.257**	**0.32**	0.03
23230	782.0	25RB12	Left	/	22.53	23.5	0.165	**0.21**	0.05
23230	782.0	1RB24	Right	/	23.59	24.5	0.144	**0.18**	-0.12
23230	782.0	25RB12	Right	/	22.53	23.5	0.114	**0.14**	0.04
23230	782.0	1RB24	Top	/	23.59	24.5	0.193	**0.24**	0.08
23230	782.0	25RB12	Top	/	22.53	23.5	0.151	**0.19**	0.13
Body-Worn Test Data (15mm) - Power Level B1/B2									
23230	782.0	1RB24	Front	/	23.59	24.5	0.152	**0.19**	0.01
23230	782.0	25RB12	Front	/	22.53	23.5	0.118	**0.15**	-0.17
23230	782.0	1RB24	Rear	/	23.59	24.5	0.226	**0.28**	0.02
23230	782.0	25RB12	Rear	/	22.53	23.5	0.158	**0.20**	-0.16
23230	782.0	1RB24	Rear	M2	23.59	24.5	0.199	**0.25**	-0.05
23230	782.0	1RB24	Rear	B2	23.59	24.5	0.215	**0.27**	0.08
23230	782.0	1RB24	Rear	B3	23.59	24.5	0.206	**0.25**	0.13

Table 13.31: SAR Values (LTE Band 17 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23780	709.0	1RB24	Left Cheek	/	23.94	25.0	0.053	**0.07**	-0.17
23780	709.0	25RB12	Left Cheek	/	22.79	24.0	0.056	**0.07**	0.00
23780	709.0	1RB24	Left Tilt	/	23.94	25.0	0.024	**0.03**	0.02
23780	709.0	25RB12	Left Tilt	/	22.79	24.0	0.022	**0.03**	0.15
23780	709.0	1RB24	Right Cheek	/	23.94	25.0	0.047	**0.06**	-0.09
23780	709.0	25RB12	Right Cheek	/	22.79	24.0	0.046	**0.06**	0.13
23780	709.0	1RB24	Right Tilt	/	23.94	25.0	0.037	**0.05**	-0.14
23780	709.0	25RB12	Right Tilt	/	22.79	24.0	0.033	**0.04**	0.17

Table 13.32: SAR Values (LTE Band 17 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23780	709.0	1RB24	Front	/	21.67	22.5	0.067	**0.08**	-0.06
23780	709.0	25RB12	Front	/	21.61	22.5	0.066	**0.08**	0.15
23780	709.0	1RB24	Rear	/	21.67	22.5	0.112	**0.14**	-0.07
23780	709.0	25RB12	Rear	/	21.61	22.5	0.100	**0.12**	0.09
23780	709.0	1RB24	Left	/	21.67	22.5	0.099	**0.12**	-0.12
23780	709.0	25RB12	Left	/	21.61	22.5	0.098	**0.12**	0.10
23780	709.0	1RB24	Right	/	21.67	22.5	0.062	**0.07**	0.14
23780	709.0	25RB12	Right	/	21.61	22.5	0.060	**0.07**	0.06
23780	709.0	1RB24	Bottom	/	21.67	22.5	0.059	**0.07**	0.03
23780	709.0	25RB12	Bottom	/	21.61	22.5	0.063	**0.08**	-0.04
Body-Worn Test Data (15mm) - Power Level B1/B2									
23780	709.0	1RB24	Front	/	21.67	22.5	0.072	**0.09**	-0.06
23780	709.0	25RB12	Front	/	21.61	22.5	0.070	**0.09**	0.01
23780	709.0	1RB24	Rear	/	21.67	22.5	0.104	**0.13**	0.04
23780	709.0	25RB12	Rear	/	21.61	22.5	0.099	**0.12**	0.08

Table 13.33: SAR Values (LTE Band 17 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
23780	709.0	1RB24	Left Cheek	/	22.14	23.0	0.267	**0.33**	-0.06
23780	709.0	25RB0	Left Cheek	/	22.11	23.0	0.291	**0.36**	0.10
23780	709.0	1RB24	Left Tilt	/	22.14	23.0	0.260	**0.32**	0.11
23780	709.0	25RB0	Left Tilt	/	22.11	23.0	0.256	**0.31**	0.06
23780	709.0	1RB24	Right Cheek	**23**	22.14	23.0	**0.494**	**0.60**	-0.06
23780	709.0	25RB0	Right Cheek	/	22.11	23.0	0.454	**0.56**	0.17
23780	709.0	1RB24	Right Tilt	/	22.14	23.0	0.439	**0.54**	0.04
23780	709.0	25RB0	Right Tilt	/	22.11	23.0	0.434	**0.53**	0.13

Table 13.34: SAR Values (LTE Band 17 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
23780	709.0	1RB24	Front	/	23.66	24.5	0.144	**0.17**	0.14
23780	709.0	25RB0	Front	/	22.58	23.5	0.111	**0.14**	0.19
23780	709.0	1RB24	Rear	/	23.66	24.5	0.200	**0.24**	0.02
23780	709.0	25RB0	Rear	/	22.58	23.5	0.144	**0.17**	0.14
23780	709.0	1RB24	Left	**24**	23.66	24.5	**0.242**	**0.29**	0.03
23780	709.0	25RB0	Left	/	22.58	23.5	0.173	**0.21**	0.16
23780	709.0	1RB24	Right	/	23.66	24.5	0.131	**0.16**	0.02
23780	709.0	25RB0	Right	/	22.58	23.5	0.105	**0.13**	-0.14
23780	709.0	1RB24	Top	/	23.66	24.5	0.117	**0.14**	-0.15
23780	709.0	25RB0	Top	/	22.58	23.5	0.089	**0.11**	0.13
Body-Worn Test Data (15mm) - Power Level B1/B2									
23780	709.0	1RB24	Front	/	23.66	24.5	0.124	**0.15**	-0.17
23780	709.0	25RB0	Front	/	22.58	23.5	0.099	**0.12**	0.16
23780	709.0	1RB24	Rear	/	23.66	24.5	0.169	**0.21**	0.04
23780	709.0	25RB0	Rear	/	22.58	23.5	0.137	**0.17**	0.01

Table 13.35: SAR Values (LTE Band 26 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
26965	841.5	1RB37	Left Cheek	/	23.85	25.0	0.148	**0.19**	-0.02
26965	841.5	36RB38	Left Cheek	/	22.82	24.0	0.145	**0.19**	-0.01
26965	841.5	1RB37	Left Tilt	/	23.85	25.0	0.086	**0.11**	0.12
26965	841.5	36RB38	Left Tilt	/	22.82	24.0	0.087	**0.11**	-0.12
26965	841.5	1RB37	Right Cheek	/	23.85	25.0	0.129	**0.17**	-0.19
26965	841.5	36RB38	Right Cheek	/	22.82	24.0	0.131	**0.17**	-0.17
26965	841.5	1RB37	Right Tilt	/	23.85	25.0	0.073	**0.10**	-0.09
26965	841.5	36RB38	Right Tilt	/	22.82	24.0	0.074	**0.10**	-0.10

Table 13.36: SAR Values (LTE Band 26 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
26965	841.5	1RB37	Front	/	22.96	24.0	0.129	**0.16**	0.01
26965	841.5	36RB38	Front	/	22.91	24.0	0.130	**0.17**	0.13
26965	841.5	1RB37	Rear	/	22.96	24.0	0.219	**0.28**	0.01
26965	841.5	36RB38	Rear	/	22.91	24.0	0.221	**0.28**	-0.06
26965	841.5	1RB37	Left	/	22.96	24.0	0.145	**0.18**	-0.01
26965	841.5	36RB38	Left	/	22.91	24.0	0.146	**0.19**	-0.02
26965	841.5	1RB37	Right	/	22.96	24.0	0.096	**0.12**	0.03
26965	841.5	36RB38	Right	/	22.91	24.0	0.095	**0.12**	-0.05
26965	841.5	1RB37	Bottom	/	22.96	24.0	0.190	**0.24**	0.03
26965	841.5	36RB38	Bottom	/	22.91	24.0	0.196	**0.25**	0.14
Body-Worn Test Data (15mm) - Power Level B1/B2									
26965	841.5	1RB37	Front	/	22.96	24.0	0.119	**0.15**	0.11
26965	841.5	36RB38	Front	/	22.91	24.0	0.117	**0.15**	0.09
26965	841.5	1RB37	Rear	/	22.96	24.0	0.150	**0.19**	0.05
26965	841.5	36RB38	Rear	/	22.91	24.0	0.157	**0.20**	0.00
Hotspot Test Data (10mm) - Power Level B3(DC_26A_n41A)									
26965	841.5	1RB37	Front	/	20.74	22.0	0.083	**0.11**	0.13
26965	841.5	36RB38	Front	/	20.68	22.0	0.084	**0.11**	-0.17
26965	841.5	1RB37	Rear	/	20.74	22.0	0.141	**0.19**	-0.08
26965	841.5	36RB38	Rear	/	20.68	22.0	0.142	**0.19**	0.19
26965	841.5	1RB37	Left	/	20.74	22.0	0.093	**0.12**	-0.06
26965	841.5	36RB38	Left	/	20.68	22.0	0.094	**0.13**	-0.03
26965	841.5	1RB37	Right	/	20.74	22.0	0.062	**0.08**	-0.12
26965	841.5	36RB38	Right	/	20.68	22.0	0.061	**0.08**	0.07

26965	841.5	1RB37	Bottom	/	20.74	22.0	0.122	**0.16**	-0.12
26965	841.5	36RB38	Bottom	/	20.68	22.0	0.125	**0.17**	-0.09
Body-Worn Test Data (15mm) - Power Level B3(DC_26A_n41A)									
26965	841.5	1RB37	Front	/	20.74	22.0	0.059	**0.08**	0.16
26965	841.5	36RB38	Front	/	20.68	22.0	0.058	**0.08**	-0.19
26965	841.5	1RB37	Rear	/	20.74	22.0	0.074	**0.10**	0.08
26965	841.5	36RB38	Rear	/	20.68	22.0	**0.078**	**0.11**	-0.16
Hotspot Test Data (10mm) - Power Level B4(DC_26A_n41A)									
26965	841.5	1RB37	Front	/	19.64	21.0	0.066	**0.09**	-0.14
26965	841.5	36RB38	Front	/	19.60	21.0	0.066	**0.09**	-0.10
26965	841.5	1RB37	Rear	/	19.64	21.0	0.111	**0.15**	0.00
26965	841.5	36RB38	Rear	/	19.60	21.0	0.113	**0.16**	-0.06
26965	841.5	1RB37	Left	/	19.64	21.0	0.074	**0.10**	-0.06
26965	841.5	36RB38	Left	/	19.60	21.0	0.075	**0.10**	-0.16
26965	841.5	1RB37	Right	/	19.64	21.0	0.049	**0.07**	0.15
26965	841.5	36RB38	Right	/	19.60	21.0	0.049	**0.07**	0.18
26965	841.5	1RB37	Bottom	/	19.64	21.0	0.097	**0.13**	-0.11
26965	841.5	36RB38	Bottom	/	19.60	21.0	0.101	**0.14**	0.11
Body-Worn Test Data (15mm) - Power Level B4(DC_26A_n41A)									
26965	841.5	1RB37	Front	/	19.64	21.0	0.047	**0.06**	-0.18
26965	841.5	36RB38	Front	/	19.60	21.0	0.047	**0.06**	0.11
26965	841.5	1RB37	Rear	/	19.64	21.0	0.060	**0.08**	-0.18
26965	841.5	36RB38	Rear	/	19.60	21.0	0.063	**0.09**	0.13

Table 13.37: SAR Values (LTE Band 26 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
26765	821.5	1RB74	Left Cheek	/	19.54	20.5	0.342	**0.43**	0.08
26765	821.5	36RB38	Left Cheek	/	19.58	20.5	0.369	**0.46**	0.05
26765	821.5	1RB74	Left Tilt	/	19.54	20.5	0.293	**0.37**	0.13
26765	821.5	36RB38	Left Tilt	/	19.58	20.5	0.284	**0.35**	0.14
26765	821.5	1RB74	Right Cheek	**25**	19.54	20.5	**0.493**	0.61	0.11
26765	821.5	36RB38	Right Cheek	/	19.58	20.5	0.485	**0.60**	0.08
26765	821.5	1RB74	Right Tilt	/	19.54	20.5	0.421	**0.53**	0.08
26765	821.5	36RB38	Right Tilt	/	19.58	20.5	0.441	**0.55**	0.15
Power Level A3(DC_26A_n41A)									
26765	821.5	1RB74	Left Cheek	/	17.20	18.5	0.219	**0.30**	0.00
26765	821.5	36RB38	Left Cheek	/	17.14	18.5	0.237	**0.32**	-0.02
26765	821.5	1RB74	Left Tilt	/	17.20	18.5	0.188	**0.25**	-0.15
26765	821.5	36RB38	Left Tilt	/	17.14	18.5	0.182	**0.25**	0.12
26765	821.5	1RB74	Right Cheek	/	17.20	18.5	0.316	**0.43**	0.03
26765	821.5	36RB38	Right Cheek	/	17.14	18.5	0.311	**0.43**	0.15
26765	821.5	1RB74	Right Tilt	/	17.20	18.5	0.270	**0.36**	0.06
26765	821.5	36RB38	Right Tilt	/	17.14	18.5	0.283	**0.39**	-0.01
Power Level A4(DC_26A_n41A)									
26765	821.5	1RB74	Left Cheek	/	16.23	17.5	0.171	**0.23**	0.02
26765	821.5	36RB38	Left Cheek	/	16.17	17.5	0.184	**0.25**	-0.04
26765	821.5	1RB74	Left Tilt	/	16.23	17.5	0.146	**0.20**	-0.18
26765	821.5	36RB38	Left Tilt	/	16.17	17.5	0.142	**0.19**	-0.13
26765	821.5	1RB74	Right Cheek	/	16.23	17.5	0.246	**0.33**	-0.17
26765	821.5	36RB38	Right Cheek	/	16.17	17.5	0.242	**0.33**	0.10
26765	821.5	1RB74	Right Tilt	/	16.23	17.5	0.210	**0.28**	0.02
26765	821.5	36RB38	Right Tilt	/	16.17	17.5	0.220	**0.30**	0.07

Table 13.38: SAR Values (LTE Band 26 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
26765	821.5	1RB74	Front	/	23.51	24.5	0.218	**0.27**	0.14
26765	821.5	36RB38	Front	/	22.47	23.5	0.165	**0.21**	0.00
26765	821.5	1RB74	Rear	**26**	23.51	24.5	**0.328**	0.41	0.03
26765	821.5	36RB38	Rear	/	22.47	23.5	0.235	**0.30**	-0.19
26765	821.5	1RB74	Left	/	23.51	24.5	0.152	**0.19**	-0.19
26765	821.5	36RB38	Left	/	22.47	23.5	0.110	**0.14**	-0.14

26765	821.5	1RB74	Right	/	23.51	24.5	0.146	**0.18**	-0.16
26765	821.5	36RB38	Right	/	22.47	23.5	0.111	**0.14**	0.00
26765	821.5	1RB74	Top	/	23.51	24.5	0.255	**0.32**	-0.10
26765	821.5	36RB38	Top	/	22.47	23.5	0.191	**0.24**	-0.12
Body-Worn Test Data (15mm) - Power Level B1/B2									
26765	821.5	1RB74	Front	/	23.51	24.5	0.129	**0.16**	-0.14
26765	821.5	36RB38	Front	/	22.47	23.5	0.099	**0.12**	0.07
26765	821.5	1RB74	Rear	/	23.51	24.5	**0.176**	**0.22**	0.04
26765	821.5	36RB38	Rear	/	22.47	23.5	0.125	**0.16**	0.00
Hotspot Test Data (10mm) - Power Level B3(DC_26A_n41A)									
26765	821.5	1RB74	Front	/	21.71	23.0	0.144	**0.19**	-0.17
26765	821.5	36RB38	Front	/	21.70	23.0	0.109	**0.15**	-0.03
26765	821.5	1RB74	Rear	/	21.71	23.0	0.218	**0.29**	-0.19
26765	821.5	36RB38	Rear	/	21.70	23.0	0.156	**0.21**	-0.15
26765	821.5	1RB74	Left	/	21.71	23.0	0.101	**0.14**	-0.19
26765	821.5	36RB38	Left	/	21.70	23.0	0.073	**0.10**	0.14
26765	821.5	1RB74	Right	/	21.71	23.0	0.097	**0.13**	0.01
26765	821.5	36RB38	Right	/	21.70	23.0	0.074	**0.10**	-0.16
26765	821.5	1RB74	Top	/	21.71	23.0	0.169	**0.23**	0.08
26765	821.5	36RB38	Top	/	21.70	23.0	0.126	**0.17**	-0.06
Body-Worn Test Data (15mm) - Power Level B3(DC_26A_n41A)									
26765	821.5	1RB74	Front	/	21.71	23.0	0.092	**0.12**	-0.03
26765	821.5	36RB38	Front	/	21.70	23.0	0.070	**0.09**	-0.06
26765	821.5	1RB74	Rear	/	21.71	23.0	0.125	**0.17**	0.10
26765	821.5	36RB38	Rear	/	21.70	23.0	0.089	**0.12**	0.10
Hotspot Test Data (10mm) - Power Level B4(DC_26A_n41A)									
26765	821.5	1RB74	Front	/	20.78	22.0	0.116	**0.15**	-0.03
26765	821.5	36RB38	Front	/	20.76	22.0	0.088	**0.12**	-0.10
26765	821.5	1RB74	Rear	/	20.78	22.0	0.175	**0.23**	0.12
26765	821.5	36RB38	Rear	/	20.76	22.0	0.125	**0.17**	0.03
26765	821.5	1RB74	Left	/	20.78	22.0	0.081	**0.11**	0.10
26765	821.5	36RB38	Left	/	20.76	22.0	0.059	**0.08**	-0.12
26765	821.5	1RB74	Right	/	20.78	22.0	0.078	**0.10**	0.13
26765	821.5	36RB38	Right	/	20.76	22.0	0.059	**0.08**	0.04
26765	821.5	1RB74	Top	/	20.78	22.0	0.136	**0.18**	-0.16
26765	821.5	36RB38	Top	/	20.76	22.0	0.101	**0.13**	0.07
Body-Worn Test Data (15mm) - Power Level B4(DC_26A_n41A)									
26765	821.5	1RB74	Front	/	20.78	22.0	0.072	**0.10**	0.18
26765	821.5	36RB38	Front	/	20.76	22.0	0.055	**0.07**	0.19
26765	821.5	1RB74	Rear	/	20.78	22.0	0.098	**0.13**	-0.06
26765	821.5	36RB38	Rear	/	20.76	22.0	0.070	**0.09**	-0.13

Table 13.39: SAR Values (LTE Band 38 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
38000	2595.0	1RB50	Left Cheek	/	23.59	24.5	0.156	**0.19**	0.04
38000	2595.0	50RB0	Left Cheek	/	22.54	23.5	0.124	**0.15**	0.07
38000	2595.0	1RB50	Left Tilt	/	23.59	24.5	0.085	**0.11**	-0.19
38000	2595.0	50RB0	Left Tilt	/	22.54	23.5	0.067	**0.08**	0.19
38000	2595.0	1RB50	Right Cheek	/	23.59	24.5	0.304	**0.37**	0.04
38000	2595.0	50RB0	Right Cheek	/	22.54	23.5	0.239	**0.30**	0.01
38000	2595.0	1RB50	Right Tilt	/	23.59	24.5	0.134	**0.17**	-0.03
38000	2595.0	50RB0	Right Tilt	/	22.54	23.5	0.098	**0.12**	-0.07
The worst case with CA_38C									
38000	2595.0	CA	Right Cheek	/	23.46	24.5	0.284	**0.36**	0.08

Table 13.40: SAR Values (LTE Band 38 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
38000	2595.0	1RB50	Front	/	23.59	24.5	0.361	**0.45**	0.02
38000	2595.0	50RB0	Front	/	22.54	23.5	0.281	**0.35**	-0.09
38000	2595.0	1RB50	Rear	/	23.59	24.5	0.383	**0.47**	0.11
38000	2595.0	50RB0	Rear	/	22.54	23.5	0.327	**0.41**	0.19
38000	2595.0	1RB50	Left	/	23.59	24.5	0.025	**0.03**	0.17
38000	2595.0	50RB0	Left	/	22.54	23.5	0.026	**0.03**	-0.16
38000	2595.0	1RB50	Right	/	23.59	24.5	0.254	**0.31**	-0.06
38000	2595.0	50RB0	Right	/	22.54	23.5	0.211	**0.26**	-0.11
38000	2595.0	1RB50	Bottom	/	23.59	24.5	0.311	**0.38**	0.11
38000	2595.0	50RB0	Bottom	/	22.54	23.5	0.247	**0.31**	-0.06
Body-Worn Test Data (15mm) - Power Level B1/B2									
38000	2595.0	1RB50	Front	/	23.59	24.5	0.187	**0.23**	0.17
38000	2595.0	50RB0	Front	/	22.54	23.5	0.157	**0.20**	0.01
38000	2595.0	1RB50	Rear	/	23.59	24.5	0.194	**0.24**	-0.17
38000	2595.0	50RB0	Rear	/	22.54	23.5	0.180	**0.22**	0.12
Hotspot Test Data (10mm) - The worst case with CA_38C									
38000	2595.0	CA	Rear	/	23.46	24.5	0.369	**0.47**	0.02
Body-Worn Test Data (15mm) - The worst case with CA_38C									
38000	2595.0	CA	Rear	/	23.46	24.5	0.175	**0.22**	0.06

Table 13.41: SAR Values (LTE Band 38 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
38150	2610.0	1RB50	Left Cheek	/	16.07	17.0	0.231	**0.29**	0.08
38150	2610.0	50RB50	Left Cheek	/	16.08	17.0	0.196	**0.24**	0.02
38150	2610.0	1RB50	Left Tilt	/	16.07	17.0	0.296	**0.37**	0.06
38150	2610.0	50RB50	Left Tilt	/	16.08	17.0	0.282	**0.35**	0.07
38150	2610.0	1RB50	Right Cheek	/	16.07	17.0	0.436	**0.54**	0.09
38150	2610.0	50RB50	Right Cheek	/	16.08	17.0	0.585	**0.72**	0.02
38150	2610.0	1RB50	Right Tilt	/	16.07	17.0	0.595	**0.74**	0.09
38150	2610.0	50RB50	Right Tilt	**27**	16.08	17.0	**0.606**	0.75	0.11
The worst case with CA_38C									
38150	2610.0	CA	Right Tilt	/	16.03	17.0	0.578	**0.72**	0.07

Table 13.42: SAR Values (LTE Band 38 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
38150	2610.0	1RB50	Front	/	21.13	22.0	0.334	**0.41**	0.04
38150	2610.0	50RB50	Front	/	21.15	22.0	0.332	**0.40**	0.02
38150	2610.0	1RB50	Rear	/	21.13	22.0	0.627	**0.77**	0.12
38150	2610.0	50RB50	Rear	/	21.15	22.0	0.619	**0.75**	0.04
38150	2610.0	1RB50	Left	/	21.13	22.0	0.272	**0.33**	0.12
38150	2610.0	50RB50	Left	/	21.15	22.0	0.271	**0.33**	0.07
38150	2610.0	1RB50	Right	/	21.13	22.0	0.035	**0.04**	0.05
38150	2610.0	50RB50	Right	/	21.15	22.0	0.044	**0.05**	0.06
38150	2610.0	1RB50	Top	**28**	21.13	22.0	**0.905**	1.11	0.03
38150	2610.0	50RB50	Top	/	21.15	22.0	0.894	**1.09**	0.04
38000	2595.0	1RB50	Top	/	21.12	22.0	0.869	**1.06**	-0.02
37850	2580.0	1RB50	Top	/	21.11	22.0	0.814	**1.00**	-0.04
38000	2595.0	50RB50	Top	/	21.14	22.0	0.858	**1.05**	-0.09
37850	2580.0	50RB50	Top	/	21.13	22.0	0.826	**1.01**	-0.17
37850	2580.0	100RB	Top	/	21.13	22.0	0.816	**1.00**	0.04
38150	2610.0	1RB50	Top	M2	21.13	22.0	0.877	**1.07**	0.08
38150	2610.0	1RB50	Top	B2	21.13	22.0	0.894	**1.09**	-0.10
38150	2610.0	1RB50	Top	B3	21.13	22.0	0.899	**1.10**	-0.03
Body-Worn Test Data (15mm) - Power Level B1									
38150	2610.0	1RB50	Front	/	21.13	22.0	0.167	**0.20**	0.07
38150	2610.0	50RB50	Front	/	21.15	22.0	0.161	**0.20**	0.06
38150	2610.0	1RB50	Rear	/	21.13	22.0	0.313	0.38	0.09

38150	2610.0	50RB50	Rear	/	21.15	22.0	0.296	**0.36**	0.02
Hotspot Test Data (10mm) - Power Level B2									
38150	2610.0	1RB50	Front	/	20.68	21.5	0.277	**0.33**	0.10
38150	2610.0	50RB50	Front	/	20.67	21.5	0.275	**0.33**	0.13
38150	2610.0	1RB50	Rear	/	20.68	21.5	0.520	**0.63**	-0.06
38150	2610.0	50RB50	Rear	/	20.67	21.5	0.513	**0.62**	-0.08
38150	2610.0	1RB50	Left	/	20.68	21.5	0.225	**0.27**	-0.11
38150	2610.0	50RB50	Left	/	20.67	21.5	0.225	**0.27**	-0.10
38150	2610.0	1RB50	Right	/	20.68	21.5	0.029	**0.04**	0.17
38150	2610.0	50RB50	Right	/	20.67	21.5	0.036	**0.04**	0.15
38150	2610.0	1RB50	Top	/	20.68	21.5	0.750	**0.91**	0.08
38150	2610.0	50RB50	Top	/	20.67	21.5	0.741	**0.90**	0.07
38000	2595.0	1RB50	Top	/	20.64	21.5	0.720	**0.88**	-0.04
37850	2580.0	1RB50	Top	/	20.61	21.5	0.675	**0.83**	0.13
38000	2595.0	50RB50	Top	/	20.60	21.5	0.711	**0.87**	-0.13
37850	2580.0	50RB50	Top	/	20.62	21.5	0.685	**0.84**	0.02
37850	2580.0	100RB	Top	/	20.63	21.5	0.676	**0.83**	-0.15
Body-Worn Test Data (15mm) - Power Level B2									
38150	2610.0	1RB50	Front	/	20.68	21.5	0.147	**0.18**	0.15
38150	2610.0	50RB50	Front	/	20.67	21.5	0.142	**0.17**	-0.12
38150	2610.0	1RB50	Rear	/	20.68	21.5	0.276	**0.33**	0.14
38150	2610.0	50RB50	Rear	/	20.67	21.5	0.261	**0.32**	-0.08
Hotspot Test Data (10mm) - The worst case with CA_38C									
38150	2610.0	CA	Top	/	21.05	22.0	0.873	**1.09**	0.06
Body-Worn Test Data (15mm) -The worst case with CA_38C									
38150	2610.0	CA	Rear	15mm	21.05	22.0	0.275	**0.34**	0.03

Table 13.43: SAR Values (LTE Band 41 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
40620	2593.0	1RB50	Left Cheek	/	23.54	24.5	0.153	**0.19**	-0.13
40620	2593.0	50RB0	Left Cheek	/	22.56	23.5	0.122	**0.15**	-0.11
40620	2593.0	1RB50	Left Tilt	/	23.54	24.5	0.084	**0.11**	0.13
40620	2593.0	50RB0	Left Tilt	/	22.56	23.5	0.067	**0.08**	-0.09
40620	2593.0	1RB50	Right Cheek	/	23.54	24.5	0.304	**0.38**	-0.19
40620	2593.0	50RB0	Right Cheek	/	22.56	23.5	0.241	**0.30**	0.18
40620	2593.0	1RB50	Right Tilt	/	23.54	24.5	0.122	**0.15**	0.18
40620	2593.0	50RB0	Right Tilt	/	22.56	23.5	0.098	**0.12**	-0.15
The worst case with CA_41C									
40620	2593.0	CA	Right Cheek	/	23.45	24.5	0.286	**0.36**	0.11

Table 13.44: SAR Values (LTE Band 41 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
40620	2593.0	1RB50	Front	/	23.54	24.5	0.362	**0.45**	-0.19
40620	2593.0	50RB0	Front	/	22.56	23.5	0.284	**0.35**	0.17
40620	2593.0	1RB50	Rear	/	23.54	24.5	0.381	**0.48**	-0.16
40620	2593.0	50RB0	Rear	/	22.56	23.5	0.338	**0.42**	-0.07
40620	2593.0	1RB50	Left	/	23.54	24.5	0.011	**0.01**	-0.15
40620	2593.0	50RB0	Left	/	22.56	23.5	0.008	**0.01**	-0.19
40620	2593.0	1RB50	Right	/	23.54	24.5	0.276	**0.34**	-0.13
40620	2593.0	50RB0	Right	/	22.56	23.5	0.217	**0.27**	-0.16
40620	2593.0	1RB50	Bottom	/	23.54	24.5	0.299	**0.37**	-0.17
40620	2593.0	50RB0	Bottom	/	22.56	23.5	0.244	**0.30**	-0.12
Body-Worn Test Data (15mm) - Power Level B1/B2									
40620	2593.0	1RB50	Front	/	23.54	24.5	0.175	**0.22**	0.03
40620	2593.0	50RB0	Front	/	22.56	23.5	0.158	**0.20**	0.06
40620	2593.0	1RB50	Rear	/	23.54	24.5	0.195	**0.24**	0.18
40620	2593.0	50RB0	Rear	/	22.56	23.5	0.174	**0.22**	-0.13
Hotspot Test Data (10mm) - The worst case with CA_41C									
40620	2593.0	CA	Rear	/	23.45	24.5	0.365	**0.46**	0.08
Body-Worn Test Data (15mm) - The worst case with CA_41C									
40620	2593.0	CA	Rear	/	23.45	24.5	0.182	**0.23**	-0.07

Table 13.45: SAR Values (LTE Band 41 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
39750	2506.0	1RB50	Left Cheek	/	16.63	17.5	0.177	**0.22**	0.06
39750	2506.0	50RB25	Left Cheek	/	16.69	17.5	0.174	**0.21**	0.04
39750	2506.0	1RB50	Left Tilt	/	16.63	17.5	0.222	**0.27**	0.12
39750	2506.0	50RB25	Left Tilt	/	16.69	17.5	0.206	**0.25**	0.01
39750	2506.0	1RB50	Right Cheek	/	16.63	17.5	0.403	**0.49**	0.09
39750	2506.0	50RB25	Right Cheek	/	16.69	17.5	0.424	**0.51**	0.05
39750	2506.0	1RB50	Right Tilt	/	16.63	17.5	0.442	**0.54**	0.08
39750	2506.0	50RB25	Right Tilt	**29**	16.69	17.5	**0.455**	0.55	0.06
The worst case with CA_41C									
39750	2506.0	CA	Right Tilt	/	16.60	17.5	0.432	**0.53**	-0.04

Table 13.46: SAR Values (LTE Band 41 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
39750	2506.0	1RB50	Front	/	20.18	21.0	0.166	**0.20**	-0.12
39750	2506.0	50RB25	Front	/	20.20	21.0	0.179	**0.22**	-0.02
39750	2506.0	1RB50	Rear	/	20.18	21.0	0.307	**0.37**	0.14
39750	2506.0	50RB25	Rear	/	20.20	21.0	0.337	**0.41**	-0.06
39750	2506.0	1RB50	Left	/	20.18	21.0	0.095	**0.11**	0.03
39750	2506.0	50RB25	Left	/	20.20	21.0	0.093	**0.11**	0.08
39750	2506.0	1RB50	Right	/	20.18	21.0	0.026	**0.03**	-0.09
39750	2506.0	50RB25	Right	/	20.20	21.0	0.028	**0.03**	0.07
39750	2506.0	1RB50	Top	/	20.18	21.0	0.525	**0.63**	0.11
39750	2506.0	50RB25	Top	**30**	20.20	21.0	**0.531**	0.64	0.05
Body-Worn Test Data (15mm) - Power Level B1/B2									
39750	2506.0	1RB50	Front	/	20.18	21.0	0.084	**0.10**	-0.16
39750	2506.0	50RB25	Front	/	20.20	21.0	0.084	**0.10**	-0.11
39750	2506.0	1RB50	Rear	/	20.18	21.0	0.171	**0.21**	-0.05
39750	2506.0	50RB25	Rear	/	20.20	21.0	0.165	**0.20**	0.14
Hotspot Test Data (10mm) - The worst case with CA_41C									
39750	2506.0	CA	Top	/	20.14	21.0	0.514	**0.63**	-0.02
Body-Worn Test Data (15mm) - The worst case with CA_41C									
39750	2506.0	CA	Rear	15mm	20.14	39750	0.158	**0.19**	0.08

Table 13.47: SAR Values (LTE Band 66 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
132072	1720.0	1RB50	Left Cheek	/	22.96	24.0	0.059	**0.08**	-0.09
132072	1720.0	50RB0	Left Cheek	/	22.02	23.0	0.058	**0.07**	-0.14
132072	1720.0	1RB50	Left Tilt	/	22.96	24.0	0.052	**0.07**	-0.17
132072	1720.0	50RB0	Left Tilt	/	22.02	23.0	0.052	**0.07**	0.02
132072	1720.0	1RB50	Right Cheek	/	22.96	24.0	0.042	**0.05**	-0.15
132072	1720.0	50RB0	Right Cheek	/	22.02	23.0	0.043	**0.05**	-0.13
132072	1720.0	1RB50	Right Tilt	/	22.96	24.0	0.039	**0.05**	0.08
132072	1720.0	50RB0	Right Tilt	/	22.02	23.0	0.040	**0.05**	-0.15

Table 13.48: SAR Values (LTE Band 66 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
132072	1720.0	1RB50	Front	/	20.92	22.0	0.256	**0.33**	0.04
132072	1720.0	50RB0	Front	/	21.08	22.0	0.255	**0.32**	-0.10
132072	1720.0	1RB50	Rear	/	20.92	22.0	0.421	**0.54**	0.03
132072	1720.0	50RB0	Rear	/	21.08	22.0	0.417	**0.52**	-0.05
132072	1720.0	1RB50	Left	/	20.92	22.0	0.071	**0.09**	0.13
132072	1720.0	50RB0	Left	/	21.08	22.0	0.060	**0.07**	-0.11
132072	1720.0	1RB50	Right	/	20.92	22.0	0.106	**0.14**	0.12
132072	1720.0	50RB0	Right	/	21.08	22.0	0.098	**0.12**	0.01
132072	1720.0	1RB50	Bottom	/	20.92	22.0	0.663	**0.85**	-0.04
132072	1720.0	50RB0	Bottom	/	21.08	22.0	0.646	**0.80**	0.04
132572	1770.0	1RB50	Bottom	/	20.88	22.0	0.624	**0.81**	0.05
132322	1745.0	1RB50	Bottom	/	20.83	22.0	0.639	**0.84**	0.08
132072	1720.0	100RB	Bottom	/	21.00	22.0	0.650	**0.82**	0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
132072	1720.0	1RB50	Front	/	20.92	22.0	0.160	**0.21**	0.10
132072	1720.0	50RB0	Front	/	21.08	22.0	0.151	**0.19**	-0.10
132072	1720.0	1RB50	Rear	/	20.92	22.0	0.199	**0.26**	0.08
132072	1720.0	50RB0	Rear	/	21.08	22.0	0.191	**0.24**	-0.03
Hotspot Test Data (10mm) - Power Level B3(DC_66A_n5A)									
132072	1720.0	1RB50	Front	/	20.25	21.5	0.198	**0.26**	-0.10
132072	1720.0	50RB0	Front	/	20.28	21.5	0.197	**0.26**	-0.18
132072	1720.0	1RB50	Rear	/	20.25	21.5	0.326	**0.43**	0.01
132072	1720.0	50RB0	Rear	/	20.28	21.5	0.323	**0.43**	-0.04
132072	1720.0	1RB50	Left	/	20.25	21.5	0.056	**0.07**	-0.13

132072	1720.0	50RB0	Left	/	20.28	21.5	0.046	**0.06**	0.08
132072	1720.0	1RB50	Right	/	20.25	21.5	0.082	**0.11**	-0.04
132072	1720.0	50RB0	Right	/	20.28	21.5	0.076	**0.10**	-0.08
132072	1720.0	1RB50	Bottom	/	20.25	21.5	0.513	**0.68**	0.00
132072	1720.0	50RB0	Bottom	/	20.28	21.5	0.501	**0.66**	-0.14
Body-Worn Test Data (15mm) - Power Level B3(DC_66A_n5A)									
132072	1720.0	1RB50	Front	/	20.25	21.5	0.152	**0.20**	-0.06
132072	1720.0	50RB0	Front	/	20.28	21.5	0.144	**0.19**	0.16
132072	1720.0	1RB50	Rear	/	20.25	21.5	0.190	**0.25**	0.02
132072	1720.0	50RB0	Rear	/	20.28	21.5	0.182	**0.24**	0.08
Hotspot Test Data (10mm) - Power Level B3(DC_66A_n7A)									
132072	1720.0	1RB50	Front	/	18.37	19.5	0.140	**0.18**	-0.08
132072	1720.0	50RB0	Front	/	18.42	19.5	0.140	**0.18**	0.15
132072	1720.0	1RB50	Rear	/	18.37	19.5	0.231	**0.30**	-0.14
132072	1720.0	50RB0	Rear	/	18.42	19.5	0.228	**0.29**	0.18
132072	1720.0	1RB50	Left	/	18.37	19.5	0.039	**0.05**	0.01
132072	1720.0	50RB0	Left	/	18.42	19.5	0.033	**0.04**	-0.02
132072	1720.0	1RB50	Right	/	18.37	19.5	0.058	**0.08**	-0.01
132072	1720.0	50RB0	Right	/	18.42	19.5	0.054	**0.07**	0.09
132072	1720.0	1RB50	Bottom	/	18.37	19.5	0.364	**0.47**	-0.04
132072	1720.0	50RB0	Bottom	/	18.42	19.5	0.354	**0.45**	0.01
Body-Worn Test Data (15mm) - Power Level B3(DC_66A_n7A)									
132072	1720.0	1RB50	Front	/	18.37	19.5	0.097	**0.13**	0.06
132072	1720.0	50RB0	Front	/	18.42	19.5	0.092	**0.12**	-0.01
132072	1720.0	1RB50	Rear	/	18.37	19.5	0.121	**0.16**	0.16
132072	1720.0	50RB0	Rear	/	18.42	19.5	0.116	**0.15**	-0.12
Hotspot Test Data (10mm) - Power Level B4(DC_66A_n5A)									
132072	1720.0	1RB50	Front	/	19.37	20.5	0.163	**0.21**	0.03
132072	1720.0	50RB0	Front	/	19.46	20.5	0.162	**0.21**	0.10
132072	1720.0	1RB50	Rear	/	19.37	20.5	0.268	**0.35**	0.02
132072	1720.0	50RB0	Rear	/	19.46	20.5	0.265	**0.34**	0.04
132072	1720.0	1RB50	Left	/	19.37	20.5	0.045	**0.06**	-0.15
132072	1720.0	50RB0	Left	/	19.46	20.5	0.038	**0.05**	0.12
132072	1720.0	1RB50	Right	/	19.37	20.5	0.067	**0.09**	-0.16
132072	1720.0	50RB0	Right	/	19.46	20.5	0.062	**0.08**	-0.19
132072	1720.0	1RB50	Bottom	/	19.37	20.5	0.422	**0.55**	0.14
132072	1720.0	50RB0	Bottom	/	19.46	20.5	0.411	**0.52**	-0.03
Body-Worn Test Data (15mm) - Power Level B4(DC_66A_n5A)									
132072	1720.0	1RB50	Front	/	19.37	20.5	0.119	**0.15**	0.01
132072	1720.0	50RB0	Front	/	19.46	20.5	0.113	**0.14**	0.17
132072	1720.0	1RB50	Rear	/	19.37	20.5	0.149	**0.19**	-0.09
132072	1720.0	50RB0	Rear	/	19.46	20.5	0.143	**0.18**	0.14
Hotspot Test Data (10mm) - Power Level B4(DC_66A_n7A)									

132072	1720.0	1RB50	Front	/	17.36	18.5	0.103	**0.13**	-0.04
132072	1720.0	50RB0	Front	/	17.43	18.5	0.102	**0.13**	0.14
132072	1720.0	1RB50	Rear	/	17.36	18.5	0.169	**0.22**	0.05
132072	1720.0	50RB0	Rear	/	17.43	18.5	0.167	**0.21**	0.12
132072	1720.0	1RB50	Left	/	17.36	18.5	0.028	**0.04**	0.07
132072	1720.0	50RB0	Left	/	17.43	18.5	0.024	**0.03**	0.00
132072	1720.0	1RB50	Right	/	17.36	18.5	0.043	**0.06**	0.02
132072	1720.0	50RB0	Right	/	17.43	18.5	0.039	**0.05**	-0.14
132072	1720.0	1RB50	Bottom	/	17.36	18.5	0.266	**0.35**	0.15
132072	1720.0	50RB0	Bottom	/	17.43	18.5	0.259	**0.33**	0.11
Body-Worn Test Data (15mm) - Power Level B4(DC_66A_n7A)									
132072	1720.0	1RB50	Front	/	17.36	18.5	0.075	**0.10**	-0.14
132072	1720.0	50RB0	Front	/	17.43	18.5	0.072	**0.09**	-0.04
132072	1720.0	1RB50	Rear	/	17.36	18.5	0.094	**0.12**	-0.10
132072	1720.0	50RB0	Rear	/	17.43	18.5	0.091	**0.12**	-0.09

Table 13.49: SAR Values (LTE Band 66 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2 / A3(DC_66A_n5A) / A4(DC_66A_n5A)									
132572	1770.0	1RB50	Left Cheek	/	14.45	15.5	0.188	**0.24**	0.05
132572	1770.0	50RB0	Left Cheek	/	14.49	15.5	0.204	**0.26**	-0.08
132572	1770.0	1RB50	Left Tilt	/	14.45	15.5	0.231	**0.29**	0.09
132572	1770.0	50RB0	Left Tilt	/	14.49	15.5	0.237	**0.30**	-0.15
132572	1770.0	1RB50	Right Cheek	/	14.45	15.5	0.412	**0.52**	0.05
132572	1770.0	50RB0	Right Cheek	/	14.49	15.5	0.429	**0.54**	-0.11
132572	1770.0	1RB50	Right Tilt	/	14.45	15.5	0.542	**0.69**	0.01
132572	1770.0	50RB0	Right Tilt	**31**	14.49	15.5	**0.557**	0.70	-0.09
Power Level A3(DC_66A_n7A)									
132572	1770.0	1RB50	Left Cheek	/	14.06	15.0	0.166	**0.21**	-0.12
132572	1770.0	50RB0	Left Cheek	/	14.05	15.0	0.181	**0.23**	0.09
132572	1770.0	1RB50	Left Tilt	/	14.06	15.0	0.205	**0.25**	0.10
132572	1770.0	50RB0	Left Tilt	/	14.05	15.0	0.211	**0.26**	-0.05
132572	1770.0	1RB50	Right Cheek	/	14.06	15.0	0.366	**0.45**	-0.12
132572	1770.0	50RB0	Right Cheek	/	14.05	15.0	0.381	**0.47**	-0.18
132572	1770.0	1RB50	Right Tilt	/	14.06	15.0	0.481	**0.60**	0.17
132572	1770.0	50RB0	Right Tilt	/	14.05	15.0	0.495	**0.62**	-0.05
Power Level A4(DC_66A_n7A)									
132572	1770.0	1RB50	Left Cheek	/	13.01	14.0	0.132	**0.17**	-0.14
132572	1770.0	50RB0	Left Cheek	/	13.03	14.0	0.144	**0.18**	0.03
132572	1770.0	1RB50	Left Tilt	/	13.01	14.0	0.163	**0.20**	0.02
132572	1770.0	50RB0	Left Tilt	/	13.03	14.0	0.167	**0.21**	0.03
132572	1770.0	1RB50	Right Cheek	/	13.01	14.0	0.291	**0.37**	0.07
132572	1770.0	50RB0	Right Cheek	/	13.03	14.0	0.303	**0.38**	0.08
132572	1770.0	1RB50	Right Tilt	/	13.01	14.0	0.383	**0.48**	-0.15
132572	1770.0	50RB0	Right Tilt	/	13.03	14.0	0.394	**0.49**	-0.01

Table 13.50: SAR Values (LTE Band 66 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
132572	1770.0	1RB50	Front	/	20.96	22.0	0.550	**0.70**	0.05
132572	1770.0	50RB0	Front	/	21.02	22.0	0.554	**0.69**	-0.13
132572	1770.0	1RB50	Rear	/	20.96	22.0	0.621	**0.79**	0.09
132572	1770.0	50RB0	Rear	/	21.02	22.0	0.628	**0.79**	0.08
132572	1770.0	1RB50	Left	/	20.96	22.0	0.164	**0.21**	-0.08
132572	1770.0	50RB0	Left	/	21.02	22.0	0.157	**0.20**	-0.17

132572	1770.0	1RB50	Right	/	20.96	22.0	0.071	**0.09**	0.04
132572	1770.0	50RB0	Right	/	21.02	22.0	0.076	**0.10**	-0.03
132572	1770.0	1RB50	Top	/	20.96	22.0	0.820	**1.04**	-0.08
132572	1770.0	50RB0	Top	**32**	21.02	22.0	**0.829**	**1.04**	0.03
132322	1745.0	1RB50	Top	/	20.93	22.0	0.823	**1.05**	0.12
132072	1720.0	1RB50	Top	/	20.92	22.0	0.761	**0.98**	0.13
132322	1745.0	50RB0	Top	/	21.00	22.0	0.828	**1.04**	0.02
132072	1720.0	50RB0	Top	/	20.96	22.0	0.768	**0.98**	0.17
132572	1770.0	100RB0	Top	/	20.96	22.0	0.801	**1.02**	0.12
Body-Worn Test Data (15mm) - Power Level B1/B2									
132572	1770.0	1RB50	Front	/	20.96	22.0	0.277	**0.35**	-0.03
132572	1770.0	50RB0	Front	/	21.02	22.0	0.287	**0.36**	0.04
132572	1770.0	1RB50	Rear	/	20.96	22.0	0.356	**0.45**	-0.04
132572	1770.0	50RB0	Rear	/	21.02	22.0	0.360	**0.45**	0.05
Hotspot Test Data (10mm) - Power Level B3(DC_66A_n5A) / B4(DC_66A_n5A)									
132572	1770.0	1RB50	Front	/	19.56	20.5	0.381	**0.47**	0.19
132572	1770.0	50RB0	Front	/	19.58	20.5	0.384	**0.47**	-0.02
132572	1770.0	1RB50	Rear	/	19.56	20.5	0.438	**0.54**	-0.02
132572	1770.0	50RB0	Rear	/	19.58	20.5	0.435	**0.54**	0.19
132572	1770.0	1RB50	Left	/	19.56	20.5	0.113	**0.14**	0.03
132572	1770.0	50RB0	Left	/	19.58	20.5	0.108	**0.13**	-0.16
132572	1770.0	1RB50	Right	/	19.56	20.5	0.049	**0.06**	0.08
132572	1770.0	50RB0	Right	/	19.58	20.5	0.053	**0.07**	-0.03
132572	1770.0	1RB50	Top	/	19.56	20.5	0.568	**0.71**	0.12
132572	1770.0	50RB0	Top	/	19.58	20.5	0.575	**0.71**	-0.12
Body-Worn Test Data (15mm) - Power Level B3(DC_66A_n5A) / B4(DC_66A_n5A)									
132572	1770.0	1RB50	Front	/	19.56	20.5	0.205	**0.25**	0.08
132572	1770.0	50RB0	Front	/	19.58	20.5	0.212	**0.26**	0.05
132572	1770.0	1RB50	Rear	/	19.56	20.5	0.264	**0.33**	-0.08
132572	1770.0	50RB0	Rear	/	19.58	20.5	0.267	**0.33**	0.02
Hotspot Test Data (10mm) - Power Level B3(DC_66A_n7A)									
132572	1770.0	1RB50	Front	/	18.61	19.5	0.295	**0.36**	0.00
132572	1770.0	50RB0	Front	/	18.60	19.5	0.298	**0.37**	0.17
132572	1770.0	1RB50	Rear	/	18.61	19.5	0.341	**0.42**	0.06
132572	1770.0	50RB0	Rear	/	18.60	19.5	0.337	**0.41**	0.09
132572	1770.0	1RB50	Left	/	18.61	19.5	0.088	**0.11**	-0.05
132572	1770.0	50RB0	Left	/	18.60	19.5	0.084	**0.10**	0.06
132572	1770.0	1RB50	Right	/	18.61	19.5	0.038	**0.05**	-0.04
132572	1770.0	50RB0	Right	/	18.60	19.5	0.041	**0.05**	-0.13
132572	1770.0	1RB50	Top	/	18.61	19.5	0.441	**0.54**	0.14
132572	1770.0	50RB0	Top	/	18.60	19.5	0.446	**0.55**	0.09
Body-Worn Test Data (15mm) - Power Level B3(DC_66A_n7A)									
132572	1770.0	1RB50	Front	/	18.61	19.5	0.161	**0.20**	-0.10

132572	1770.0	50RB0	Front	/	18.60	19.5	0.166	**0.20**	-0.16
132572	1770.0	1RB50	Rear	/	18.61	19.5	0.206	**0.25**	0.13
132572	1770.0	50RB0	Rear	/	18.60	19.5	0.209	**0.26**	0.08
Hotspot Test Data (10mm) - Power Level B4(DC_66A_n7A)									
132572	1770.0	1RB50	Front	/	17.53	18.5	0.237	**0.30**	-0.07
132572	1770.0	50RB0	Front	/	17.53	18.5	0.239	**0.30**	0.15
132572	1770.0	1RB50	Rear	/	17.53	18.5	0.272	**0.34**	0.02
132572	1770.0	50RB0	Rear	/	17.53	18.5	0.271	**0.34**	0.06
132572	1770.0	1RB50	Left	/	17.53	18.5	0.071	**0.09**	-0.06
132572	1770.0	50RB0	Left	/	17.53	18.5	0.068	**0.08**	0.00
132572	1770.0	1RB50	Right	/	17.53	18.5	0.030	**0.04**	0.05
132572	1770.0	50RB0	Right	/	17.53	18.5	0.033	**0.04**	0.04
132572	1770.0	1RB50	Top	/	17.53	18.5	0.354	**0.44**	-0.15
132572	1770.0	50RB0	Top	/	17.53	18.5	0.358	**0.45**	-0.13
Body-Worn Test Data (15mm) - Power Level B4(DC_66A_n7A)									
132572	1770.0	1RB50	Front	/	17.53	18.5	0.125	**0.16**	0.16
132572	1770.0	50RB0	Front	/	17.53	18.5	0.129	**0.16**	-0.13
132572	1770.0	1RB50	Rear	/	17.53	18.5	0.161	**0.20**	0.12
132572	1770.0	50RB0	Rear	/	17.53	18.5	0.163	**0.20**	0.11

Table 13.51: SAR Values (LTE Band 66 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
132072	1720.0	1RB50	Left Cheek	/	22.56	23.5	<0.01	**0.00**	0.00
132072	1720.0	50RB50	Left Cheek	/	21.56	22.5	<0.01	**0.00**	0.00
132072	1720.0	1RB50	Left Tilt	/	22.56	23.5	<0.01	**0.00**	0.00
132072	1720.0	50RB50	Left Tilt	/	21.56	22.5	<0.01	**0.00**	0.00
132072	1720.0	1RB50	Right Cheek	/	22.56	23.5	0.051	**0.06**	0.09
132072	1720.0	50RB50	Right Cheek	/	21.56	22.5	0.045	**0.06**	-0.03
132072	1720.0	1RB50	Right Tilt	/	22.56	23.5	0.009	**0.01**	0.02
132072	1720.0	50RB50	Right Tilt	/	21.56	22.5	0.008	**0.01**	0.09

Table 13.52: SAR Values (LTE Band 66 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3/B4									
132072	1720.0	1RB50	Front	/	22.56	23.5	0.008	**0.01**	0.19
132072	1720.0	50RB50	Front	/	21.56	22.5	0.003	**0.00**	0.07
132072	1720.0	1RB50	Rear	/	22.56	23.5	**0.062**	**0.08**	0.07
132072	1720.0	50RB50	Rear	/	21.56	22.5	0.041	**0.05**	0.14
132072	1720.0	1RB50	Left	/	22.56	23.5	0.040	**0.05**	0.02
132072	1720.0	50RB50	Left	/	21.56	22.5	0.029	**0.04**	0.15
132072	1720.0	1RB50	Top	/	22.56	23.5	0.002	**0.00**	0.03
132072	1720.0	50RB50	Top	/	21.56	22.5	0.003	**0.00**	0.09
Body-Worn Test Data (15mm) - Power Level B3/B4									
132072	1720.0	1RB50	Front	/	22.56	23.5	<0.01	**0.00**	0.02
132072	1720.0	50RB50	Front	/	21.56	22.5	<0.01	**0.00**	0.09
132072	1720.0	1RB50	Rear	/	22.56	23.5	**0.023**	**0.03**	0.04
132072	1720.0	50RB50	Rear	/	21.56	22.5	0.012	**0.01**	-0.08

13.2. Test Results for SUB 6G

Table 13.53: SAR Values (NR n5 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
167300	836.5	50@25	Left Cheek	/	22.87	24.2	0.147	**0.20**	-0.09
167300	836.5	50@25	Left Tilt	/	22.87	24.2	0.086	**0.12**	-0.12
167300	836.5	50@25	Right Cheek	/	22.87	24.2	0.129	**0.18**	0.08
167300	836.5	50@25	Right Tilt	/	22.87	24.2	0.074	**0.10**	-0.07

Table 13.54: SAR Values (NR n5 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
167300	836.5	50@25	Front	/	22.87	24.2	0.132	**0.18**	0.17
167300	836.5	50@25	Rear	/	22.87	24.2	0.206	**0.28**	0.04
167300	836.5	50@25	Left	/	22.87	24.2	0.134	**0.18**	0.14
167300	836.5	50@25	Right	/	22.87	24.2	0.095	**0.13**	0.17
167300	836.5	50@25	Bottom	/	22.87	24.2	0.181	**0.25**	0.01
Body-Worn Test Data (15mm) - Power Level B1/B2									
167300	836.5	50@25	Front	/	22.87	24.2	0.121	**0.16**	0.07
167300	836.5	50@25	Rear	/	22.87	24.2	0.149	**0.20**	-0.01
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n5A)									
167300	836.5	50@25	Front	/	21.39	22.7	0.090	**0.12**	-0.16
167300	836.5	50@25	Rear	/	21.39	22.7	0.141	**0.19**	-0.19
167300	836.5	50@25	Left	/	21.39	22.7	0.092	**0.12**	0.10
167300	836.5	50@25	Right	/	21.39	22.7	0.065	**0.09**	-0.07
167300	836.5	50@25	Bottom	/	21.39	22.7	0.122	**0.16**	-0.16
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n5A)									
167300	836.5	50@25	Front	/	21.39	22.7	0.081	**0.11**	0.15
167300	836.5	50@25	Rear	/	21.39	22.7	0.110	**0.15**	0.12
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n5A)									
167300	836.5	50@25	Front	/	20.48	21.7	0.078	**0.10**	-0.11
167300	836.5	50@25	Rear	/	20.48	21.7	0.121	**0.16**	-0.08
167300	836.5	50@25	Left	/	20.48	21.7	0.079	**0.10**	-0.08
167300	836.5	50@25	Right	/	20.48	21.7	0.056	**0.07**	-0.03
167300	836.5	50@25	Bottom	/	20.48	21.7	0.105	**0.14**	0.17
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n5A)									
167300	836.5	50@25	Front	/	20.48	21.7	0.067	**0.09**	0.18
167300	836.5	50@25	Rear	/	20.48	21.7	0.088	**0.12**	0.19

Table 13.55: SAR Values (NR n5 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
167300	836.5	50@25	Left Cheek	/	19.67	20.7	0.400	**0.51**	0.03
167300	836.5	50@25	Left Tilt	/	19.67	20.7	0.348	**0.44**	0.05
167300	836.5	50@25	Right Cheek	**33**	19.67	20.7	**0.545**	**0.69**	-0.03
167300	836.5	50@25	Right Tilt	/	19.67	20.7	0.422	**0.53**	-0.02
Power Level A3(DC_7A_n5A)									
167300	836.5	50@25	Left Cheek	/	16.12	17.2	0.174	**0.22**	0.14
167300	836.5	50@25	Left Tilt	/	16.12	17.2	0.151	**0.19**	-0.05
167300	836.5	50@25	Right Cheek	/	16.12	17.2	0.237	**0.30**	0.06
167300	836.5	50@25	Right Tilt	/	16.12	17.2	0.184	**0.24**	-0.03
Power Level A4(DC_7A_n5A)									
167300	836.5	50@25	Left Cheek	/	14.57	15.7	0.120	**0.16**	-0.13
167300	836.5	50@25	Left Tilt	/	14.57	15.7	0.105	**0.14**	-0.06
167300	836.5	50@25	Right Cheek	/	14.57	15.7	0.164	**0.21**	0.15
167300	836.5	50@25	Right Tilt	/	14.57	15.7	0.127	**0.16**	-0.05

Table 13.56: SAR Values (NR n5 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
167300	836.5	50@25	Front	/	22.60	23.7	0.194	**0.25**	0.02
167300	836.5	50@25	Rear	**34**	22.60	23.7	**0.294**	**0.38**	0.04
167300	836.5	50@25	Left	/	22.60	23.7	0.113	**0.15**	0.04
167300	836.5	50@25	Right	/	22.60	23.7	0.127	**0.16**	0.08
167300	836.5	50@25	Bottom	/	22.60	23.7	0.209	**0.27**	0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
167300	836.5	50@25	Front	/	22.60	23.7	0.112	**0.14**	0.04
167300	836.5	50@25	Rear	/	22.60	23.7	0.140	**0.18**	0.08
Hotspot Test Data (10mm) - Power Level B3(DC_7A_n5A)									
167300	836.5	50@25	Front	/	19.67	20.7	0.100	**0.13**	-0.04
167300	836.5	50@25	Rear	/	19.67	20.7	0.152	**0.19**	0.14
167300	836.5	50@25	Left	/	19.67	20.7	0.058	**0.07**	0.16
167300	836.5	50@25	Right	/	19.67	20.7	0.066	**0.08**	-0.15
167300	836.5	50@25	Bottom	/	19.67	20.7	0.108	**0.14**	0.01
Body-Worn Test Data (15mm) - Power Level B3(DC_7A_n5A)									
167300	836.5	50@25	Front	/	19.67	20.7	0.058	**0.07**	0.01
167300	836.5	50@25	Rear	/	19.67	20.7	0.067	**0.09**	0.04
Hotspot Test Data (10mm) - Power Level B4(DC_7A_n5A)									

167300	836.5	50@25	Front	/	18.61	19.7	0.079	**0.10**	0.12
167300	836.5	50@25	Rear	/	18.61	19.7	0.119	**0.15**	-0.11
167300	836.5	50@25	Left	/	18.61	19.7	0.046	**0.06**	-0.06
167300	836.5	50@25	Right	/	18.61	19.7	0.051	**0.07**	0.11
167300	836.5	50@25	Bottom	/	18.61	19.7	0.085	**0.11**	0.11
Body-Worn Test Data (15mm) - Power Level B4(DC_7A_n5A)									
167300	836.5	50@25	Front	/	18.61	19.7	0.045	**0.06**	-0.05
167300	836.5	50@25	Rear	/	18.61	19.7	0.057	**0.07**	-0.09

Table 13.57: SAR Values (NR n7 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
507000	2535.0	108@54	Left Cheek	/	22.89	24.2	0.147	**0.20**	-0.09
507000	2535.0	108@54	Left Tilt	/	22.89	24.2	0.086	**0.12**	-0.12
507000	2535.0	108@54	Right Cheek	/	22.89	24.2	0.129	**0.18**	0.08
507000	2535.0	108@54	Right Tilt	/	22.89	24.2	0.074	**0.10**	-0.07

Table 13.58: SAR Values (NR n7 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
507000	2535.0	108@54	Front	/	21.83	23.2	0.395	**0.54**	0.02
507000	2535.0	108@54	Rear	/	21.83	23.2	0.474	**0.65**	0.04
507000	2535.0	108@54	Left	/	21.83	23.2	0.050	**0.07**	0.01
507000	2535.0	108@54	Right	/	21.83	23.2	0.322	**0.44**	-0.17
507000	2535.0	108@54	Bottom	/	21.83	23.2	0.418	**0.57**	0.05
Body-Worn Test Data (15mm) - Power Level B1/B2									
507000	2535.0	108@54	Front	/	21.83	23.2	0.254	**0.35**	0.15
507000	2535.0	108@54	Rear	/	21.83	23.2	0.245	**0.34**	0.07
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	20.29	21.7	0.276	**0.38**	-0.18
507000	2535.0	108@54	Rear	/	20.29	21.7	0.320	**0.44**	0.16
507000	2535.0	108@54	Left	/	20.29	21.7	0.034	**0.05**	0.00
507000	2535.0	108@54	Right	/	20.29	21.7	0.217	**0.30**	0.16
507000	2535.0	108@54	Bottom	/	20.29	21.7	0.277	**0.38**	-0.07
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	20.29	21.7	0.179	**0.25**	0.06
507000	2535.0	108@54	Rear	/	20.29	21.7	0.172	**0.24**	-0.10
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	19.29	20.7	0.216	**0.30**	0.05
507000	2535.0	108@54	Rear	/	19.29	20.7	0.254	**0.35**	-0.05
507000	2535.0	108@54	Left	/	19.29	20.7	0.027	**0.04**	0.09
507000	2535.0	108@54	Right	/	19.29	20.7	0.172	**0.24**	-0.04
507000	2535.0	108@54	Bottom	/	19.29	20.7	0.221	**0.31**	-0.17
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	19.29	20.7	0.142	**0.20**	0.13
507000	2535.0	108@54	Rear	/	19.29	20.7	0.136	**0.19**	-0.02

Table 13.59: SAR Values (NR n7 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
507000	2535.0	108@54	Left Cheek	/	14.74	15.7	0.233	**0.29**	0.04
507000	2535.0	108@54	Left Tilt	/	14.74	15.7	0.294	**0.37**	0.03
507000	2535.0	108@54	Right Cheek	/	14.74	15.7	0.541	**0.67**	0.12
507000	2535.0	108@54	Right Tilt	**35**	14.74	15.7	**0.638**	0.80	0.05
Power Level A3(DC_2A_n7A)									
507000	2535.0	108@54	Left Cheek	/	12.71	13.7	0.133	**0.17**	0.09
507000	2535.0	108@54	Left Tilt	/	12.71	13.7	0.168	**0.21**	0.06
507000	2535.0	108@54	Right Cheek	/	12.71	13.7	0.310	**0.39**	0.06
507000	2535.0	108@54	Right Tilt	/	12.71	13.7	0.365	**0.46**	0.03
Power Level A4(DC_2A_n7A)									
507000	2535.0	108@54	Left Cheek	/	11.70	12.7	0.098	**0.12**	0.04
507000	2535.0	108@54	Left Tilt	/	11.70	12.7	0.123	**0.15**	0.07
507000	2535.0	108@54	Right Cheek	/	11.70	12.7	0.226	**0.28**	0.02
507000	2535.0	108@54	Right Tilt	/	11.70	12.7	0.267	**0.34**	0.15

Table 13.60: SAR Values (NR n7 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
507000	2535.0	108@54	Front	/	17.77	18.7	0.191	**0.24**	0.01
507000	2535.0	108@54	Rear	/	17.77	18.7	0.400	**0.50**	0.03
507000	2535.0	108@54	Left	/	17.77	18.7	0.118	**0.15**	0.05
507000	2535.0	108@54	Right	/	17.77	18.7	0.023	**0.03**	0.12
507000	2535.0	108@54	Top	**36**	17.77	18.7	**0.515**	**0.64**	0.03
Body-Worn Test Data (15mm) - Power Level B1/B2									
507000	2535.0	108@54	Front	/	17.77	18.7	0.091	**0.11**	0.04
507000	2535.0	108@54	Rear	/	17.77	18.7	0.171	**0.21**	0.12
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	15.77	16.7	0.088	**0.11**	-0.03
507000	2535.0	108@54	Rear	/	15.77	16.7	0.184	**0.23**	-0.06
507000	2535.0	108@54	Left	/	15.77	16.7	0.055	**0.07**	-0.01
507000	2535.0	108@54	Right	/	15.77	16.7	0.011	**0.01**	0.07
507000	2535.0	108@54	Top	/	15.77	16.7	0.327	**0.41**	0.07
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	15.77	16.7	0.042	**0.05**	-0.05
507000	2535.0	108@54	Rear	/	15.77	16.7	0.096	**0.12**	-0.18
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n7A)									

507000	2535.0	108@54	Front	/	15.23	16.2	0.079	**0.10**	-0.14
507000	2535.0	108@54	Rear	/	15.23	16.2	0.165	**0.21**	0.13
507000	2535.0	108@54	Left	/	15.23	16.2	0.049	**0.06**	0.07
507000	2535.0	108@54	Right	/	15.23	16.2	0.010	**0.01**	-0.15
507000	2535.0	108@54	Top	/	15.23	16.2	0.294	**0.37**	0.02
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	15.23	16.2	0.038	**0.05**	0.17
507000	2535.0	108@54	Rear	/	15.23	16.2	0.086	**0.11**	0.05

Table 13.61: SAR Values (NR n7 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
507000	2535.0	108@54	Left Cheek	/	21.57	22.2	0.163	**0.19**	0.02
507000	2535.0	108@54	Left Tilt	/	21.57	22.2	0.131	**0.15**	0.07
507000	2535.0	108@54	Right Cheek	/	21.57	22.2	0.375	**0.43**	-0.01
507000	2535.0	108@54	Right Tilt	/	21.57	22.2	0.186	**0.22**	0.04

Table 13.62: SAR Values (NR n7 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	17.98	18.7	0.044	**0.05**	0.07
507000	2535.0	108@54	Rear	/	17.98	18.7	0.306	**0.36**	0.06
507000	2535.0	108@54	Left	/	17.98	18.7	0.216	**0.25**	-0.04
507000	2535.0	108@54	Top	/	17.98	18.7	0.049	**0.06**	-0.10
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	17.98	18.7	0.023	**0.03**	-0.17
507000	2535.0	108@54	Rear	/	17.98	18.7	0.134	**0.16**	-0.03
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	17.57	18.2	0.041	**0.05**	0.02
507000	2535.0	108@54	Rear	/	17.57	18.2	0.284	**0.33**	-0.09
507000	2535.0	108@54	Left	/	17.57	18.2	0.020	**0.02**	0.05
507000	2535.0	108@54	Top	/	17.57	18.2	0.046	**0.05**	-0.01
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n7A)									
507000	2535.0	108@54	Front	/	17.57	18.2	0.021	**0.02**	0.14
507000	2535.0	108@54	Rear	/	17.57	18.2	0.121	**0.14**	-0.03

Table 13.63: SAR Values (NR n38 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
519000	2595.0	36@18	Left Cheek	/	22.98	24.2	0.216	**0.29**	0.05
519000	2595.0	36@18	Left Tilt	/	22.98	24.2	0.128	**0.17**	0.03
519000	2595.0	36@18	Right Cheek	/	22.98	24.2	0.444	**0.59**	-0.01
519000	2595.0	36@18	Right Tilt	/	22.98	24.2	0.187	**0.25**	-0.01

Table 13.64: SAR Values (NR n38 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
519000	2595.0	36@18	Front	/	22.98	24.2	0.437	**0.58**	-0.13
519000	2595.0	36@18	Rear	/	22.98	24.2	0.547	**0.72**	0.05
519000	2595.0	36@18	Left	/	22.98	24.2	0.043	**0.06**	0.05
519000	2595.0	36@18	Right	/	22.98	24.2	0.318	**0.42**	-0.08
519000	2595.0	36@18	Bottom	/	22.98	24.2	0.562	**0.74**	0.09
Body-Worn Test Data (15mm) - Power Level B1/B2									
519000	2595.0	36@18	Front	/	22.98	24.2	0.293	**0.39**	-0.05
519000	2595.0	36@18	Rear	/	22.98	24.2	0.280	**0.37**	-0.03
519000	2595.0	36@18	Front	M2	22.98	24.2	0.267	**0.35**	-0.10
519000	2595.0	36@18	Front	B2	22.98	24.2	0.284	**0.38**	0.07
519000	2595.0	36@18	Front	B3	22.98	24.2	0.272	**0.36**	0.02

Table 13.65: SAR Values (NR n38 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
519000	2595.0	36@18	Left Cheek	/	14.54	15.7	0.206	**0.27**	0.05
519000	2595.0	36@18	Left Tilt	/	14.54	15.7	0.283	**0.37**	0.06
519000	2595.0	36@18	Right Cheek	/	14.54	15.7	0.592	**0.77**	0.03
519000	2595.0	36@18	Right Tilt	/	14.54	15.7	0.690	**0.90**	0.05
521000	2605.0	36@18	Right Tilt	**37**	14.33	15.7	**0.702**	**0.96**	0.02
517000	2585.0	36@18	Right Tilt	/	14.39	15.7	0.673	**0.91**	0.07

Table 13.66: SAR Values (NR n38 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
519000	2595.0	36@18	Front	/	17.66	18.7	0.232	**0.29**	0.01
519000	2595.0	36@18	Rear	/	17.66	18.7	0.520	**0.66**	-0.14
519000	2595.0	36@18	Left	/	17.66	18.7	0.182	**0.23**	0.03
519000	2595.0	36@18	Right	/	17.66	18.7	0.029	**0.04**	0.12
519000	2595.0	36@18	Top	**38**	17.66	18.7	**0.627**	**0.80**	-0.14
Body-Worn Test Data (15mm) - Power Level B1/B2									
519000	2595.0	36@18	Front	/	17.66	18.7	0.102	**0.13**	0.04
519000	2595.0	36@18	Rear	/	17.66	18.7	0.206	**0.26**	0.10

Table 13.67: SAR Values (NR n41 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
518598	2593.0	135@67	Left Cheek	/	22.98	24.2	0.212	**0.28**	0.00
518598	2593.0	135@67	Left Tilt	/	22.98	24.2	0.127	**0.17**	-0.08
518598	2593.0	135@67	Right Cheek	/	22.98	24.2	0.445	**0.59**	0.15
518598	2593.0	135@67	Right Tilt	/	22.98	24.2	0.184	**0.24**	-0.04

Table 13.68: SAR Values (NR n41 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
518598	2593.0	135@67	Front	/	21.77	23.2	0.346	**0.48**	-0.03
518598	2593.0	135@67	Rear	/	21.77	23.2	0.437	**0.61**	-0.16
518598	2593.0	135@67	Left	/	21.77	23.2	0.037	**0.05**	-0.02
518598	2593.0	135@67	Right	/	21.77	23.2	0.251	**0.35**	0.04
518598	2593.0	135@67	Bottom	/	21.77	23.2	0.440	**0.61**	-0.17
Body-Worn Test Data (15mm) - Power Level B1/B2									
518598	2593.0	135@67	Front	/	21.77	23.2	0.243	**0.34**	0.02
518598	2593.0	135@67	Rear	/	21.77	23.2	0.229	**0.32**	-0.06
Hotspot Test Data (10mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	19.74	21.2	0.208	**0.29**	-0.07
518598	2593.0	135@67	Rear	/	19.74	21.2	0.263	**0.37**	0.19
518598	2593.0	135@67	Left	/	19.74	21.2	0.022	**0.03**	0.03
518598	2593.0	135@67	Right	/	19.74	21.2	0.151	**0.21**	0.03
518598	2593.0	135@67	Bottom	/	19.74	21.2	0.265	**0.37**	0.01
Body-Worn Test Data (15mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	19.74	21.2	0.146	**0.20**	0.09
518598	2593.0	135@67	Rear	/	19.74	21.2	0.138	**0.19**	0.07
Hotspot Test Data (10mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	18.71	20.2	0.146	**0.21**	0.00
518598	2593.0	135@67	Rear	/	18.71	20.2	0.185	**0.26**	0.08
518598	2593.0	135@67	Left	/	18.71	20.2	0.016	**0.02**	0.05
518598	2593.0	135@67	Right	/	18.71	20.2	0.106	**0.15**	-0.14
518598	2593.0	135@67	Bottom	/	18.71	20.2	0.186	**0.26**	0.09
Body-Worn Test Data (15mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	18.71	20.2	0.117	**0.16**	0.16
518598	2593.0	135@67	Rear	/	18.71	20.2	0.097	**0.14**	0.06

Table 13.69: SAR Values (NR n41 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
518598	2593.0	135@67	Left Cheek	/	14.57	15.7	0.173	**0.22**	0.04
518598	2593.0	135@67	Left Tilt	/	14.57	15.7	0.214	**0.28**	0.02
518598	2593.0	135@67	Right Cheek	/	14.57	15.7	0.649	**0.84**	0.19
518598	2593.0	135@67	Right Tilt	**39**	14.57	15.7	**0.759**	0.98	0.13
528000	2640.0	135@67	Right Tilt	/	14.53	15.7	0.718	**0.94**	-0.08
509202	2546.0	135@67	Right Tilt	/	14.54	15.7	0.562	**0.73**	-0.19
518598	2593.0	135@67	Right Tilt	M2	14.57	15.7	0.722	**0.94**	-0.06
518598	2593.0	135@67	Right Tilt	B2	14.57	15.7	0.714	**0.93**	0.05
518598	2593.0	135@67	Right Tilt	B3	14.57	15.7	0.747	**0.97**	0.02
Power Level A3(DC_26A_n41A)									
518598	2593.0	135@67	Left Cheek	/	12.51	13.7	0.095	**0.12**	0.18
518598	2593.0	135@67	Left Tilt	/	12.51	13.7	0.118	**0.16**	0.03
518598	2593.0	135@67	Right Cheek	/	12.51	13.7	0.357	**0.47**	-0.16
518598	2593.0	135@67	Right Tilt	/	12.51	13.7	0.418	**0.55**	-0.14
Power Level A4(DC_26A_n41A)									
518598	2593.0	135@67	Left Cheek	/	11.62	12.7	0.073	**0.09**	0.01
518598	2593.0	135@67	Left Tilt	/	11.62	12.7	0.091	**0.12**	-0.03
518598	2593.0	135@67	Right Cheek	/	11.62	12.7	0.275	**0.35**	0.18
518598	2593.0	135@67	Right Tilt	/	11.62	12.7	0.322	**0.41**	0.18

Table 13.70: SAR Values (NR n41 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
518598	2593.0	135@67	Front	/	17.64	18.7	0.223	**0.28**	0.07
518598	2593.0	135@67	Rear	/	17.64	18.7	0.483	**0.62**	-0.04
518598	2593.0	135@67	Left	/	17.64	18.7	0.171	**0.22**	0.03
518598	2593.0	135@67	Right	/	17.64	18.7	0.024	**0.03**	0.12
518598	2593.0	135@67	Top	**40**	17.64	18.7	**0.576**	0.74	-0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
518598	2593.0	135@67	Front	/	17.64	18.7	0.107	**0.14**	0.04
518598	2593.0	135@67	Rear	/	17.64	18.7	0.192	**0.25**	0.01
Hotspot Test Data (10mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.08	17.2	0.159	**0.21**	0.07
518598	2593.0	135@67	Rear	/	16.08	17.2	0.345	**0.45**	0.02
518598	2593.0	135@67	Left	/	16.08	17.2	0.122	**0.16**	0.15
518598	2593.0	135@67	Right	/	16.08	17.2	0.017	**0.02**	0.17

518598	2593.0	135@67	Top	/	16.08	17.2	0.411	**0.53**	-0.02
Body-Worn Test Data (15mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.08	17.2	0.076	**0.10**	0.14
518598	2593.0	135@67	Rear	/	16.08	17.2	0.140	**0.18**	0.01
Hotspot Test Data (10mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	14.57	15.7	0.122	**0.16**	0.04
518598	2593.0	135@67	Rear	/	14.57	15.7	0.264	**0.34**	0.17
518598	2593.0	135@67	Left	/	14.57	15.7	0.094	**0.12**	0.13
518598	2593.0	135@67	Right	/	14.57	15.7	0.013	**0.02**	-0.06
518598	2593.0	135@67	Top	/	14.57	15.7	0.315	**0.41**	-0.06
Body-Worn Test Data (15mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	14.57	15.7	0.059	**0.08**	0.17
518598	2593.0	135@67	Rear	/	14.57	15.7	0.115	**0.15**	0.07

Table 13.71: SAR Values (NR n41 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
518598	2593.0	135@67	Left Cheek	/	21.21	22.2	0.150	**0.19**	0.04
518598	2593.0	135@67	Left Tilt	/	21.21	22.2	0.081	**0.10**	0.12
518598	2593.0	135@67	Right Cheek	/	21.21	22.2	0.361	**0.45**	0.03
518598	2593.0	135@67	Right Tilt	/	21.21	22.2	0.158	**0.20**	0.04

Table 13.72: SAR Values (NR n41 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.57	17.7	0.017	**0.02**	0.14
518598	2593.0	135@67	Rear	/	16.57	17.7	0.236	**0.31**	0.16
518598	2593.0	135@67	Right	/	16.57	17.7	0.163	**0.21**	-0.10
518598	2593.0	135@67	Top	/	16.57	17.7	0.014	**0.02**	0.17
Body-Worn Test Data (15mm) - Power Level B3(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.57	17.7	0.028	**0.04**	-0.08
518598	2593.0	135@67	Rear	/	16.57	17.7	0.103	**0.13**	-0.09
Hotspot Test Data (10mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.07	17.2	0.009	**0.01**	-0.16
518598	2593.0	135@67	Rear	/	16.07	17.2	0.121	**0.16**	0.17
518598	2593.0	135@67	Right	/	16.07	17.2	0.084	**0.11**	0.18
518598	2593.0	135@67	Top	/	16.07	17.2	0.007	**0.01**	-0.02
Body-Worn Test Data (15mm) - Power Level B4(DC_26A_n41A)									
518598	2593.0	135@67	Front	/	16.07	17.2	0.025	**0.03**	0.03
518598	2593.0	135@67	Rear	/	16.07	17.2	0.091	**0.12**	-0.04

Table 13.73: SAR Values (NR n66 - Head) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2/A3/A4									
349000	1745.0	108@54	Left Cheek	/	22.89	24.2	0.150	**0.19**	0.04
349000	1745.0	108@54	Left Tilt	/	22.89	24.2	0.081	**0.10**	0.12
349000	1745.0	108@54	Right Cheek	/	22.89	24.2	0.361	**0.45**	0.03
349000	1745.0	108@54	Right Tilt	/	22.89	24.2	0.158	**0.20**	0.04

Table 13.74: SAR Values (NR n66 - Body) - Ant.0

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
349000	1745.0	108@54	Front	/	21.93	23.2	0.382	**0.51**	0.01
349000	1745.0	108@54	Rear	/	21.93	23.2	0.623	**0.83**	-0.13
349000	1745.0	108@54	Left	/	21.93	23.2	0.106	**0.14**	0.08
349000	1745.0	108@54	Right	/	21.93	23.2	0.177	**0.24**	0.06
349000	1745.0	108@54	Bottom	/	21.93	23.2	0.835	**1.12**	0.02
354000	1770.0	108@54	Rear	/	21.92	23.2	0.645	**0.87**	-0.03
346000	1730.0	108@54	Rear	/	21.83	23.2	0.601	**0.82**	0.06
354000	1770.0	108@54	Bottom	/	21.92	23.2	0.886	**1.19**	-0.11
346000	1730.0	108@54	Bottom	/	21.83	23.2	0.767	**1.05**	-0.10
354000	1770.0	108@54	Bottom	M2	21.92	23.2	0.855	**1.15**	0.07
354000	1770.0	108@54	Bottom	B2	21.92	23.2	0.874	**1.17**	-0.03
354000	1770.0	108@54	Bottom	B3	21.92	23.2	0.882	**1.18**	0.06
Body-Worn Test Data (15mm) - Power Level B1/B2									
349000	1745.0	108@54	Front	/	21.93	23.2	0.214	**0.29**	0.04
349000	1745.0	108@54	Rear	/	21.93	23.2	0.344	**0.46**	0.02
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	19.46	20.7	0.220	**0.29**	0.16
349000	1745.0	108@54	Rear	/	19.46	20.7	0.359	**0.48**	0.17
349000	1745.0	108@54	Left	/	19.46	20.7	0.061	**0.08**	-0.08
349000	1745.0	108@54	Right	/	19.46	20.7	0.102	**0.14**	-0.12
349000	1745.0	108@54	Bottom	/	19.46	20.7	0.481	**0.64**	0.02
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	19.46	20.7	0.122	**0.16**	0.04
349000	1745.0	108@54	Rear	/	19.46	20.7	0.196	**0.26**	0.09
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	18.95	20.2	0.196	**0.26**	-0.01
349000	1745.0	108@54	Rear	/	18.95	20.2	0.320	**0.43**	-0.04
349000	1745.0	108@54	Left	/	18.95	20.2	0.054	**0.07**	0.14

349000	1745.0	108@54	Right	/	18.95	20.2	0.091	**0.12**	-0.17
349000	1745.0	108@54	Bottom	/	18.95	20.2	0.429	**0.57**	0.17
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	18.95	20.2	0.108	**0.14**	0.13
349000	1745.0	108@54	Rear	/	18.95	20.2	0.174	**0.23**	-0.19

Table 13.75: SAR Values (NR n66 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1/A2									
349000	1745.0	108@54	Left Cheek	/	15.56	16.7	0.347	**0.45**	-0.01
349000	1745.0	108@54	Left Tilt	/	15.56	16.7	0.411	**0.53**	-0.08
349000	1745.0	108@54	Right Cheek	/	15.56	16.7	0.707	**0.92**	0.17
349000	1745.0	108@54	Right Tilt	/	15.56	16.7	0.733	**0.95**	0.09
354000	1770.0	108@54	Right Cheek	/	15.32	16.7	0.641	**0.88**	0.17
346000	1730.0	108@54	Right Cheek	/	15.45	16.7	0.680	**0.91**	-0.03
354000	1770.0	108@54	Right Tilt	/	15.32	16.7	0.733	**1.01**	-0.12
346000	1730.0	108@54	Right Tilt	**41**	15.45	16.7	**0.775**	1.03	-0.12
Power Level A3(DC_2A_n66A) / A4(DC_2A_n66A)									
349000	1745.0	108@54	Left Cheek	/	14.06	15.2	0.261	**0.34**	0.09
349000	1745.0	108@54	Left Tilt	/	14.06	15.2	0.308	**0.40**	-0.12
349000	1745.0	108@54	Right Cheek	/	14.06	15.2	0.530	**0.69**	-0.06
349000	1745.0	108@54	Right Tilt	/	14.06	15.2	0.550	**0.72**	-0.10

Table 13.76: SAR Values (NR n66 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1/B2									
349000	1745.0	108@54	Front	/	21.67	22.7	0.593	**0.75**	0.19
349000	1745.0	108@54	Rear	/	21.67	22.7	0.763	**0.97**	0.04
349000	1745.0	108@54	Left	/	21.67	22.7	0.178	**0.23**	-0.15
349000	1745.0	108@54	Right	/	21.67	22.7	0.089	**0.11**	-0.14
349000	1745.0	108@54	Top	**42**	21.67	22.7	**0.918**	**1.16**	-0.08
354000	1770.0	108@54	Rear	/	21.58	22.7	0.782	**1.01**	-0.03
346000	1730.0	108@54	Rear	/	21.53	22.7	0.745	**0.98**	-0.15
354000	1770.0	108@54	Top	/	21.58	22.7	0.891	**1.15**	-0.05
346000	1730.0	108@54	Top	/	21.53	22.7	0.878	**1.15**	-0.07
Body-Worn Test Data (15mm) - Power Level B1/B2									
349000	1745.0	108@54	Front	/	21.67	22.7	0.319	**0.40**	0.04
349000	1745.0	108@54	Rear	/	21.67	22.7	0.435	0.55	-0.09
349000	1745.0	108@54	Rear	M2	21.67	22.7	0.386	**0.49**	0.07
349000	1745.0	108@54	Rear	B2	21.67	22.7	0.425	**0.54**	0.08
349000	1745.0	108@54	Rear	B3	21.67	22.7	0.419	**0.53**	-0.01
Hotspot Test Data (10mm) - Power Level B3(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	19.64	20.7	0.388	**0.50**	0.13
349000	1745.0	108@54	Rear	/	19.64	20.7	0.503	**0.64**	0.10
349000	1745.0	108@54	Left	/	19.64	20.7	0.116	**0.15**	-0.10

349000	1745.0	108@54	Right	/	19.64	20.7	0.058	**0.07**	0.19
349000	1745.0	108@54	Top	/	19.64	20.7	0.602	**0.77**	-0.07
Body-Worn Test Data (15mm) - Power Level B3(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	19.64	20.7	0.199	**0.25**	0.12
349000	1745.0	108@54	Rear	/	19.64	20.7	0.271	**0.35**	0.09
Hotspot Test Data (10mm) - Power Level B4(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	18.63	19.7	0.303	**0.39**	-0.17
349000	1745.0	108@54	Rear	/	18.63	19.7	0.386	**0.49**	-0.19
349000	1745.0	108@54	Left	/	18.63	19.7	0.090	**0.12**	0.13
349000	1745.0	108@54	Right	/	18.63	19.7	0.045	**0.06**	-0.06
349000	1745.0	108@54	Top	/	18.63	19.7	0.465	**0.59**	-0.04
Body-Worn Test Data (15mm) - Power Level B4(DC_2A_n66A)									
349000	1745.0	108@54	Front	/	18.63	19.7	0.161	**0.21**	-0.10
349000	1745.0	108@54	Rear	/	18.63	19.7	0.220	**0.28**	-0.06

Table 13.77: SAR Values (NR n66 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A3/A4									
349000	1745.0	108@54	Left Cheek	/	22.47	23.2	0.094	**0.11**	0.02
349000	1745.0	108@54	Left Tilt	/	22.47	23.2	0.058	**0.07**	0.01
349000	1745.0	108@54	Right Cheek	/	22.47	23.2	0.192	**0.23**	0.07
349000	1745.0	108@54	Right Tilt	/	22.47	23.2	0.069	**0.08**	0.05

Table 13.78: SAR Values (NR n66 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B3/B4									
349000	1745.0	108@54	Front	/	22.47	23.2	0.043	**0.05**	0.04
349000	1745.0	108@54	Rear	/	22.47	23.2	0.263	**0.31**	0.09
349000	1745.0	108@54	Left	/	22.47	23.2	0.200	**0.24**	0.19
349000	1745.0	108@54	Top	/	22.47	23.2	0.021	**0.03**	-0.04
Body-Worn Test Data (15mm) - Power Level B3/B4									
349000	1745.0	108@54	Front	/	22.47	23.2	0.015	**0.02**	0.01
349000	1745.0	108@54	Rear	/	22.47	23.2	0.089	**0.10**	0.06

13.3. Test Results for Bluetooth

Table 13.79: SAR Values (Bluetooth - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
78	2480.0	GFSK	Left Cheek	**43**	11.92	13.0	**0.144**	**0.18**	0.06
78	2480.0	GFSK	Left Tilt	/	11.92	13.0	0.108	**0.14**	0.01
78	2480.0	GFSK	Right Cheek	/	11.92	13.0	0.066	**0.08**	0.07
78	2480.0	GFSK	Right Tilt	/	11.92	13.0	0.062	**0.08**	0.09

Table 13.80: SAR Values (Bluetooth - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Test Data (10mm)									
78	2480.0	GFSK	Front	/	11.92	13.0	0.031	**0.04**	0.07
78	2480.0	GFSK	Rear	**44**	11.92	13.0	**0.039**	**0.05**	0.04
78	2480.0	GFSK	Left	/	11.92	13.0	0.004	**0.01**	0.03
78	2480.0	GFSK	Right	/	11.92	13.0	0.029	**0.04**	0.02
78	2480.0	GFSK	Top	/	11.92	13.0	0.024	**0.03**	0.04
Test Data (15mm)									
78	2480.0	GFSK	Front	/	11.92	13.0	0.016	**0.02**	0.05
78	2480.0	GFSK	Rear	/	11.92	13.0	0.018	**0.02**	0.18

13.4. WLAN Evaluation for 2.4GHz

According to the KDB248227 D01, SAR is measured for 2.4GHz 802.11b DSSS using the initial test position procedure.

Table 13.81: SAR Values (WLAN 2.4GHz - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level a1									
6	2437.0	802.11b	Left Cheek	**45**	15.03	16.5	**0.618**	**0.87**	-0.03
6	2437.0	802.11b	Left Tilt	/	15.03	16.5	0.455	**0.64**	0.09
6	2437.0	802.11b	Right Cheek	/	15.03	16.5	0.263	**0.37**	0.04
6	2437.0	802.11b	Right Tilt	/	15.03	16.5	0.266	**0.37**	0.03
11	2462.0	802.11b	Left Cheek	/	14.86	16.5	0.580	**0.85**	0.06
6	2437.0	802.11b	Left Cheek	M2	15.03	16.5	0.609	**0.85**	-0.05
6	2437.0	802.11b	Left Cheek	B2	15.03	16.5	0.611	**0.86**	0.10
6	2437.0	802.11b	Left Cheek	B3	15.03	16.5	0.615	**0.86**	0.09
Power Level a2									
6	2437.0	802.11b	Left Cheek	/	11.04	12.5	0.222	**0.31**	-0.18
6	2437.0	802.11b	Left Tilt	/	11.04	12.5	0.163	**0.23**	0.07
6	2437.0	802.11b	Right Cheek	/	11.04	12.5	0.094	**0.13**	-0.19
6	2437.0	802.11b	Right Tilt	/	11.04	12.5	0.096	**0.13**	-0.18

Note: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.82: SAR Values (WLAN - Head) - 802.11b (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
6	2437.0	Left Cheek	100%	100%	0.87	**0.87**

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

Table 13.83: SAR Values (WLAN 2.4GHz - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level b1									
6	2437.0	802.11b	Front	/	18.46	20.0	0.237	**0.34**	0.15
6	2437.0	802.11b	Rear	**46**	18.46	20.0	**0.316**	**0.45**	0.02
6	2437.0	802.11b	Left	/	18.46	20.0	0.038	**0.05**	0.03
6	2437.0	802.11b	Right	/	18.46	20.0	0.196	**0.28**	0.18
6	2437.0	802.11b	Top	/	18.46	20.0	0.251	**0.36**	-0.05
6	2437.0	802.11b	Rear	M2	18.46	20.0	0.286	**0.41**	-0.08
6	2437.0	802.11b	Rear	B2	18.46	20.0	0.309	**0.44**	-0.11
6	2437.0	802.11b	Rear	B3	18.46	20.0	0.295	**0.42**	0.06
Body-Worn Test Data (15mm) - Power Level b1									
6	2437.0	802.11b	Front	/	18.46	20.0	0.120	**0.17**	0.03
6	2437.0	802.11b	Rear	/	18.46	20.0	0.155	**0.22**	0.02
6	2437.0	802.11b	Rear	M2	18.46	20.0	0.128	**0.18**	-0.05
6	2437.0	802.11b	Rear	B2	18.46	20.0	0.149	**0.21**	0.12
6	2437.0	802.11b	Rear	B3	18.46	20.0	0.140	**0.20**	0.09
Hotspot Test Data (10mm) - Power Level b2									
6	2437.0	802.11b	Front	/	15.03	16.5	0.104	**0.15**	0.07
6	2437.0	802.11b	Rear	/	15.03	16.5	0.142	**0.20**	-0.03
6	2437.0	802.11b	Left	/	15.03	16.5	0.011	**0.02**	-0.11
6	2437.0	802.11b	Right	/	15.03	16.5	0.093	**0.13**	-0.08
6	2437.0	802.11b	Top	/	15.03	16.5	0.128	**0.18**	0.16
Body-Worn Test Data (15mm) - Power Level b2									
6	2437.0	802.11b	Front	/	15.03	16.5	0.055	**0.08**	0.02
6	2437.0	802.11b	Rear	/	15.03	16.5	0.066	**0.09**	0.04

Note: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.84: SAR Values (WLAN - Body) - 802.11b (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
6	2437.0	Rear	100%	100%	0.45	**0.45**

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

13.5. WLAN Evaluation for 5GHz

Table 13.85: SAR Values (WLAN 5GHz - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-2A> - Power Level a1									
64	5320.0	802.11a	Left Cheek	**47**	10.32	12.1	**0.416**	0.63	0.09
64	5320.0	802.11a	Left Tilt	/	10.32	12.1	0.388	**0.58**	0.04
64	5320.0	802.11a	Right Cheek	/	10.32	12.1	0.180	**0.27**	0.06
64	5320.0	802.11a	Right Tilt	/	10.32	12.1	0.209	**0.31**	0.08
64	5320.0	802.11a	Left Cheek	M2	10.32	12.1	0.401	**0.60**	0.09
64	5320.0	802.11a	Left Cheek	B2	10.32	12.1	0.408	**0.61**	0.03
64	5320.0	802.11a	Left Cheek	B3	10.32	12.1	0.412	**0.62**	0.05
<U-NII-2C> - Power Level a1									
140	5700.0	802.11a	Left Cheek	/	10.27	12.1	0.266	**0.41**	0.09
140	5700.0	802.11a	Left Tilt	/	10.27	12.1	0.285	**0.43**	0.11
140	5700.0	802.11a	Right Cheek	/	10.27	12.1	0.191	**0.29**	0.07
140	5700.0	802.11a	Right Tilt	/	10.27	12.1	0.241	**0.37**	0.05
<U-NII-3> - Power Level a1									
165	5825.0	802.11a	Left Cheek	/	10.26	12.1	0.334	**0.51**	0.09
165	5825.0	802.11a	Left Tilt	/	10.26	12.1	0.325	**0.50**	-0.04
165	5825.0	802.11a	Right Cheek	/	10.26	12.1	0.250	**0.38**	0.16
165	5825.0	802.11a	Right Tilt	/	10.26	12.1	0.254	**0.39**	0.04
<U-NII-2A> - Power Level a2									
64	5320.0	802.11a	Left Cheek	/	6.35	8.1	0.195	**0.29**	0.09
64	5320.0	802.11a	Left Tilt	/	6.35	8.1	0.182	**0.27**	0.10
64	5320.0	802.11a	Right Cheek	/	6.35	8.1	0.084	**0.13**	0.05
64	5320.0	802.11a	Right Tilt	/	6.35	8.1	0.098	**0.15**	0.19
<U-NII-2C> - Power Level a2									
140	5700.0	802.11a	Left Cheek	/	6.29	8.1	0.106	**0.16**	0.08
140	5700.0	802.11a	Left Tilt	/	6.29	8.1	0.114	**0.17**	0.09
140	5700.0	802.11a	Right Cheek	/	6.29	8.1	0.076	**0.12**	-0.06
140	5700.0	802.11a	Right Tilt	/	6.29	8.1	0.096	**0.15**	-0.11
<U-NII-3> - Power Level a2									
157	5785.0	802.11a	Left Cheek	/	6.30	8.1	0.144	**0.22**	0.09
157	5785.0	802.11a	Left Tilt	/	6.30	8.1	0.140	**0.21**	0.03
157	5785.0	802.11a	Right Cheek	/	6.30	8.1	0.108	**0.16**	-0.02
157	5785.0	802.11a	Right Tilt	/	6.30	8.1	0.109	**0.16**	0.08

Note:

1. U-NII-1 and U-NII-2A bands have the same specified maximum output and tolerance; SAR is measured for U-NII-2A band first. Adjusted SAR of U-NII-2A band is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.

2. For all positions/configurations tested using the initial test position and subsequent test positions,

when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.86: SAR Values (WLAN - Head) - 802.11a (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
64	5320.0	Left Cheek	100%	100%	0.63	**0.63**

Table 13.87: SAR Values (WLAN 5GHz - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-1> - Hotspot Test Data (10mm) - Power Level b1									
48	5240.0	802.11a	Front	/	13.90	15.6	0.187	**0.28**	0.08
48	5240.0	802.11a	Rear	/	13.90	15.6	0.645	**0.95**	0.05
48	5240.0	802.11a	Left	/	13.90	15.6	0.083	**0.12**	-0.01
48	5240.0	802.11a	Right	/	13.90	15.6	0.349	**0.52**	0.07
48	5240.0	802.11a	Top	/	13.90	15.6	0.614	**0.91**	0.02
44	5220.0	802.11a	Rear	**48**	13.84	15.6	**0.722**	1.08	0.07
44	5220.0	802.11a	Top	/	13.84	15.6	0.687	**1.03**	0.08
44	5220.0	802.11a	Rear	M2	13.84	15.6	0.567	**0.85**	0.09
44	5220.0	802.11a	Rear	B2	13.84	15.6	0.698	**1.05**	-0.02
44	5220.0	802.11a	Rear	B3	13.84	15.6	0.683	**1.02**	0.06
<U-NII-3> - Hotspot Test Data (10mm) - Power Level b1									
157	5785.0	802.11a	Front	/	13.77	15.6	0.161	**0.25**	0.11
157	5785.0	802.11a	Rear	/	13.77	15.6	0.483	**0.74**	0.09
157	5785.0	802.11a	Left	/	13.77	15.6	0.131	**0.20**	0.09
157	5785.0	802.11a	Right	/	13.77	15.6	0.168	**0.26**	0.04
157	5785.0	802.11a	Top	/	13.77	15.6	0.448	**0.68**	-0.04
< U-NII-2A> - Body-Worn Test Data (15mm) - Power Level b1									
64	5320.0	802.11a	Front	/	13.79	15.6	0.111	**0.17**	0.02
64	5320.0	802.11a	Rear	/	13.79	15.6	0.363	0.55	0.09
64	5320.0	802.11a	Rear	M2	13.79	15.6	0.350	**0.53**	-0.07
64	5320.0	802.11a	Rear	B2	13.79	15.6	0.332	**0.50**	-0.11
64	5320.0	802.11a	Rear	B3	13.79	15.6	0.347	**0.53**	0.03
< U-NII-2C> - Body-Worn Test Data (15mm) - Power Level b1									
140	5700.0	802.11a	Front	/	13.78	15.6	0.106	**0.16**	-0.16
140	5700.0	802.11a	Rear	/	13.78	15.6	0.295	**0.45**	0.08
< U-NII-3> - Body-Worn Test Data (15mm) - Power Level b1									
157	5785.0	802.11a	Front	/	13.77	15.6	0.131	**0.20**	-0.01
157	5785.0	802.11a	Rear	/	13.77	15.6	0.299	**0.46**	0.05
<U-NII-1> - Hotspot Test Data (10mm) - Power Level b2									
48	5240.0	802.11a	Front	/	9.83	11.6	0.071	**0.11**	0.03
48	5240.0	802.11a	Rear	/	9.83	11.6	0.246	**0.37**	0.04
48	5240.0	802.11a	Left	/	9.83	11.6	0.032	**0.05**	0.02
48	5240.0	802.11a	Right	/	9.83	11.6	0.133	**0.20**	0.16
48	5240.0	802.11a	Top	/	9.83	11.6	0.234	**0.35**	-0.05
<U-NII-3> - Hotspot Test Data (10mm) - Power Level b2									
157	5785.0	802.11a	Front	/	9.75	11.6	0.057	**0.09**	0.11
157	5785.0	802.11a	Rear	/	9.75	11.6	0.171	**0.26**	0.09
157	5785.0	802.11a	Left	/	9.75	11.6	0.046	**0.07**	0.09

157	5785.0	802.11a	Right	/	9.75	11.6	0.060	**0.09**	0.04
157	5785.0	802.11a	Top	/	9.75	11.6	0.159	**0.24**	-0.04
< U-NII-2A> - Body-Worn Test Data (15mm) - Power Level b2									
64	5320.0	802.11a	Front	/	9.82	11.6	0.039	**0.06**	0.11
64	5320.0	802.11a	Rear	/	9.82	11.6	0.127	**0.19**	0.09
< U-NII-2C> - Body-Worn Test Data (15mm) - Power Level b2									
140	5700.0	802.11a	Front	/	9.77	11.6	0.041	**0.06**	0.00
140	5700.0	802.11a	Rear	/	9.77	11.6	0.100	**0.15**	0.09
< U-NII-3> - Body-Worn Test Data (15mm) - Power Level b2									
157	5785.0	802.11a	Front	/	9.75	11.6	0.046	**0.07**	-0.01
157	5785.0	802.11a	Rear	/	9.75	11.6	0.106	**0.16**	0.05

Note:

1. U-NII-1 and U-NII-2A bands have the same specified maximum output and tolerance; SAR is measured for U-NII-2A band first. Adjusted SAR of U-NII-2A band is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.
2. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.88: SAR Values (WLAN - Body) - 802.11a (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
44	5220.0	Rear	100%	100%	1.08	**1.08**

13.6. Product specific 10g SAR

Table 13.89: SAR Values (WLAN 5GHz - Extremity)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(10g) (W/kg)	Reported SAR(10g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-2A> -Test Data (0mm) - Power Level b1									
64	5320.0	802.11a	Front	/	13.79	15.6	0.391	**0.59**	-0.11
64	5320.0	802.11a	Rear	**49**	13.79	15.6	**0.920**	**1.40**	0.03
64	5320.0	802.11a	Left	/	13.79	15.6	0.033	**0.05**	0.03
64	5320.0	802.11a	Right	/	13.79	15.6	0.606	**0.92**	0.09
64	5320.0	802.11a	Top	/	13.79	15.6	0.697	**1.06**	0.08
<U-NII-2C> -Test Data (0mm) - Power Level b1									
140	5700.0	802.11a	Front	/	13.78	15.6	0.292	**0.44**	-0.13
140	5700.0	802.11a	Rear	/	13.78	15.6	0.824	**1.25**	0.01
140	5700.0	802.11a	Left	/	13.78	15.6	0.036	**0.06**	0.08
140	5700.0	802.11a	Right	/	13.78	15.6	0.435	**0.66**	0.05
140	5700.0	802.11a	Top	/	13.78	15.6	0.652	**0.99**	0.10

14. SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Table 14.1: SAR Measurement Variability for Body - GSM1900 (Ant.0)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
512	1850.2	Bottom	0.812	0.804	1.01	/

Table 14.2: SAR Measurement Variability for Head - GSM1900 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
512	1850.2	Right Tilt	1.030	1.010	1.02	/

Table 14.3: SAR Measurement Variability for Head - LTE Band 2 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
19100	1900.0	Right Tilt	0.933	0.916	1.02	/

Table 14.4: SAR Measurement Variability for Body - LTE Band 4 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
20300	1745.0	Top	0.879	0.848	1.04	/

Table 14.5: SAR Measurement Variability for Body - LTE Band 38 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
38150	2610.0	Top	0.905	0.876	1.03	/

Table 14.6: SAR Measurement Variability for Body - LTE Band 66 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
132572	1770.0	Top	0.829	0.814	1.02	/

Table 14.7: SAR Measurement Variability for Body - NR n66 (Ant.0)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
354000	1770.0	Bottom	0.886	0.859	1.03	/

Table 14.8: SAR Measurement Variability for Body - NR n66 (Ant.1)

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
349000	1745.0	Top	0.918	0.905	1.01	/

15. Measurement Uncertainty

15.1. Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	12	N	2	1	1	6.0	6.0	∞
2	Axial isotropy	B	4.7	R	$\sqrt{3}$	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	$\sqrt{3}$	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	$\sqrt{3}$	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
7	Modulation response	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
10	Integration time	B	1.7	R	$\sqrt{3}$	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioned mech. restrictions	B	0.35	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
19	Phantom uncertainty	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
20	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	9
22	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
23	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	9
Combined standard uncertainty		$u_c' = \sqrt{\sum_{i=1}^{23} c_i^2 u_i^2}$						11.3	11.2	95.5
Expanded uncertainty (Confidence interval of 95 %)		$u_e = 2u_c$						22.6	22.4	

15.2. Measurement Uncertainty for Normal SAR Tests (3GHz~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	13.1	N	2	1	1	6.65	6.65	∞
2	Axial isotropy	B	4.7	R	$\sqrt{3}$	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	$\sqrt{3}$	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	$\sqrt{3}$	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
7	modulation response	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.0	R	$\sqrt{3}$	1	1	0.0	0.0	∞
10	Integration time	B	1.7	R	$\sqrt{3}$	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioned mech. Restrictions	B	0.35	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
19	Phantom uncertainty	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
20	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	43
22	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
23	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	521
Combined standard uncertainty		$u_c' = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						11.6	11.5	257
Expanded uncertainty (Confidence interval of 95 %)		$u_e = 2u_c$						23.2	23.0	

16. Main Test Instruments

Table 16.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46103759	2021-11-15&2022-11-14	One year
02	Dielectric probe	85070E	MY44300317	/	/
03	Power meter	E4418B	MY50000366	2021-12-12	One year
04	Power sensor	E9304A	MY50000188	2021-12-12	One year
05	Power meter	NRP	101260	2021-12-30	One year
06	Power sensor	NRP-Z91	102211	2021-12-30	One year
07	Signal Generator	E8257D	MY47461211	2022-01-14	One year
08	Amplifier	VTL5400	0404	/	/
09	DAE	DAE4	1527	2022-06-21	One year
10	E-field Probe	EX3DV4	7621	2022-05-06	One year
11	Dipole Validation Kit	D750V3	1163	2022-08-22	Three years
12	Dipole Validation Kit	D835V2	4d057	2021-10-18	Three years
13	Dipole Validation Kit	D1750V2	1152	2022-08-22	Three years
14	Dipole Validation Kit	D1900V2	5d088	2021-10-18	Three years
15	Dipole Validation Kit	D2450V2	873	2021-10-21	Three years
16	Dipole Validation Kit	D2550V2	1010	2021-05-21	Three years
17	Dipole Validation Kit	D5GHzV2	1238	2022-08-17	Three years
18	BTS	E5515C	GB46110722	2022-01-14	One year
19	BTS	MT8820C	6201341853	2022-01-14	One year
20	BTS	CMW500	152499	2022-07-15	One year

ANNEX A: Graph Results

GSM850 Head

Date: 2022-10-25

Electronics: DAE4 Sn1527

Medium: Head 835MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 40.692; ρ = 1000 kg/m^3

Communication System: UID 0, GSM (0) Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.917 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.03 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.797 W/kg

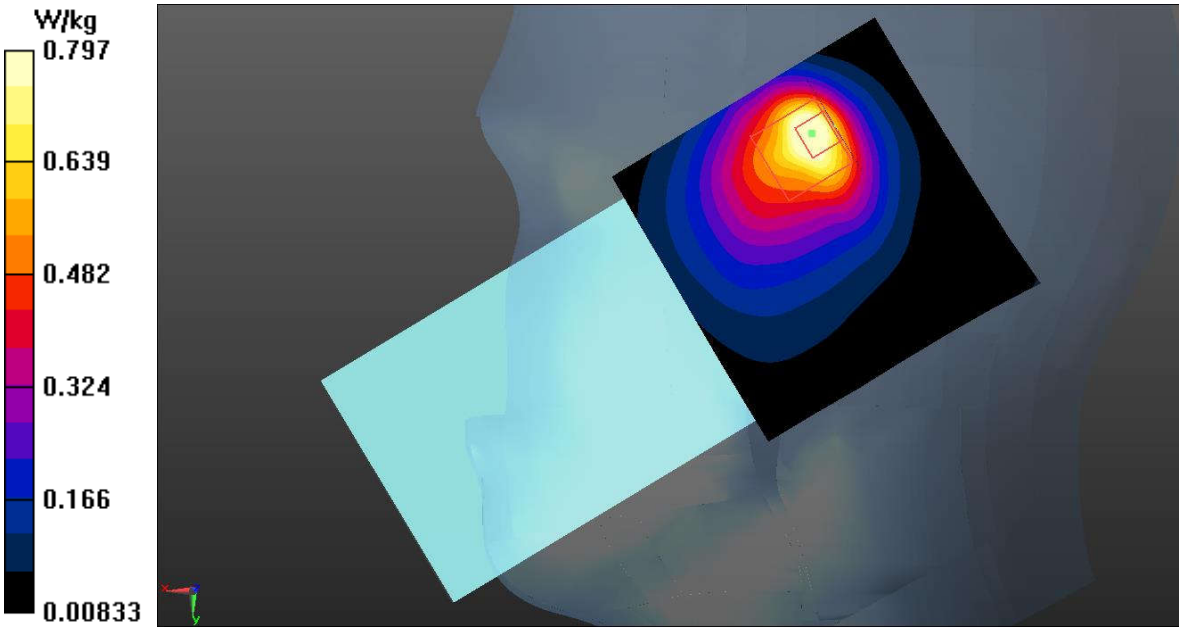


Fig.1 GSM850 Head

GSM850 Body
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 40.692; ρ = 1000 kg/m^3
Communication System: UID 0, 4 slot GPRS (0) Frequency: 836.6 MHz Duty Cycle: 1:2
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Rear Side Middle/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.470 W/kg

Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.95 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.460 W/kg

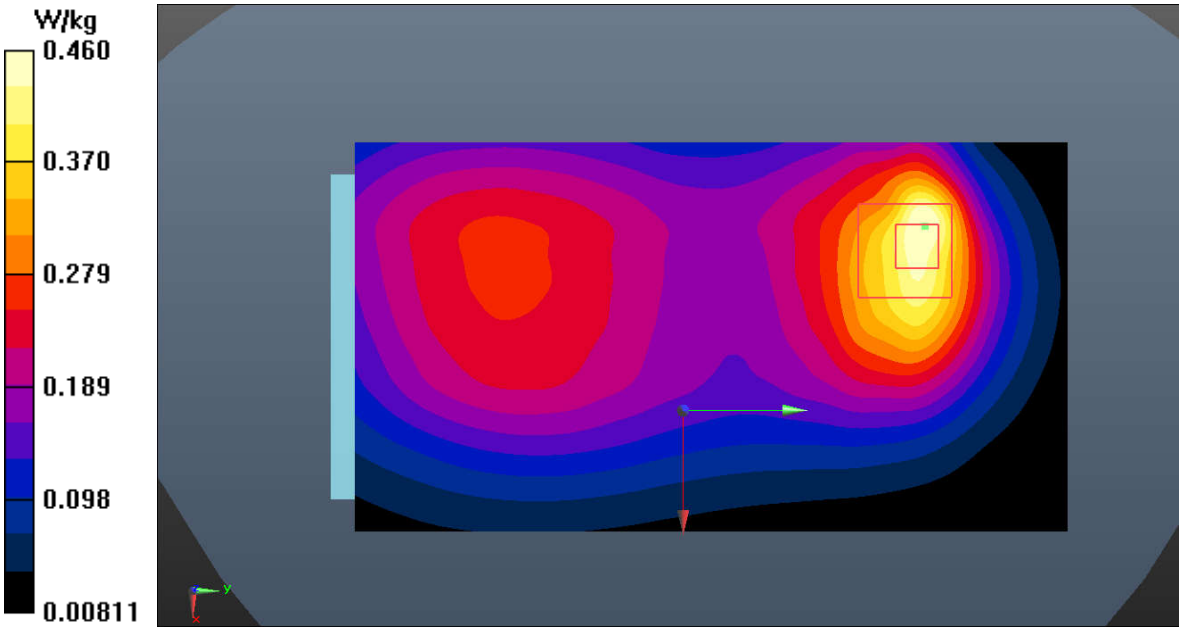


Fig.2 GSM850 Body

GSM1900 Head
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.375 S/m; ε_r = 39.427; ρ = 1000 kg/m^3
Communication System: UID 0, GSM (0) Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Right Tilt Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Right Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.17 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 1.70 W/kg

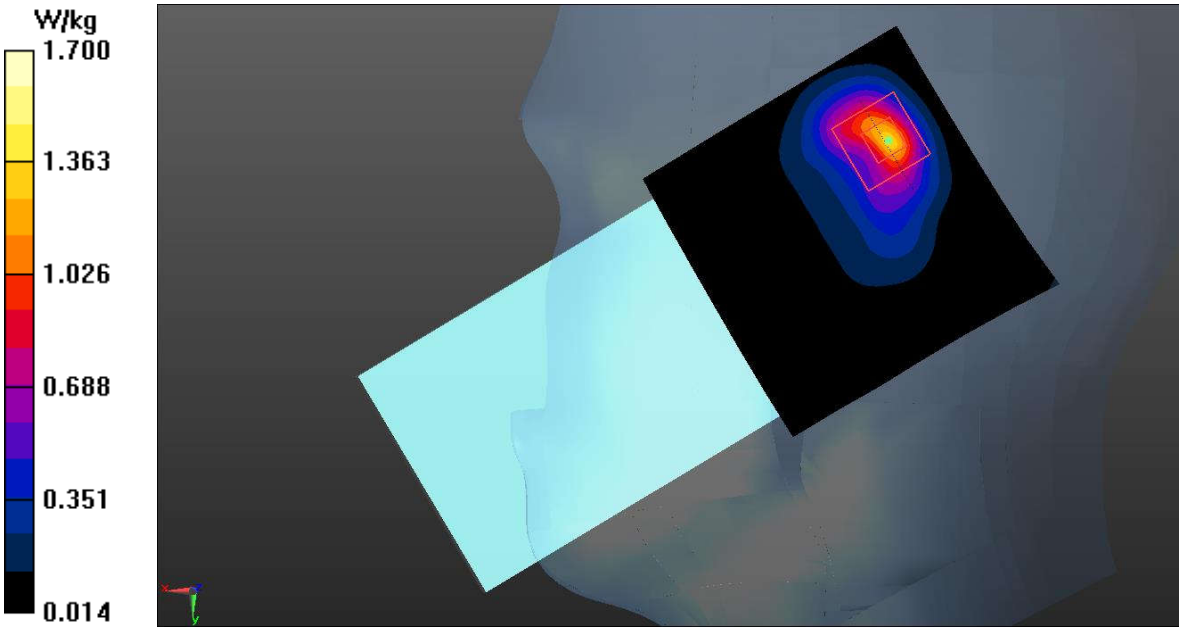


Fig.3 GSM1900 Head

GSM1900 Body
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.375 S/m; ε_r = 39.427; ρ = 1000 kg/m^3
Communication System: UID 0, 4 slot GPRS (0) Frequency: 1850.2 MHz Duty Cycle: 1:2
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Bottom Side Low/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Bottom Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.03 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 1.10 W/kg

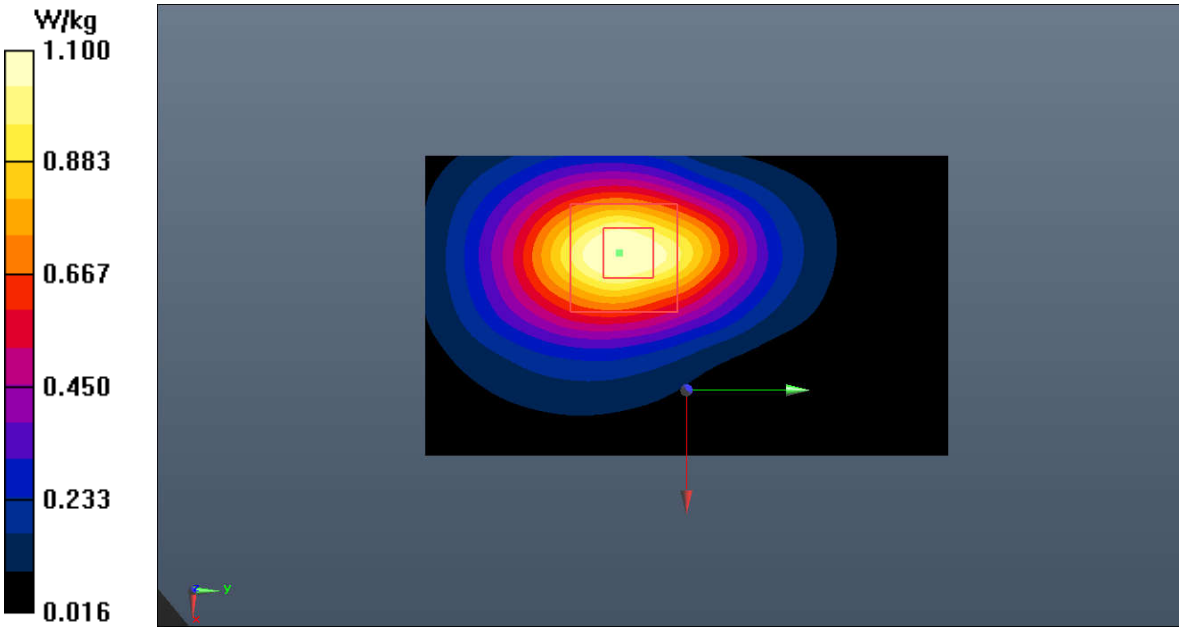


Fig.4 GSM1900 Body

WCDMA Band 2 Head
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1908 MHz; σ = 1.426 S/m; ε_r = 39.202; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Right Tilt High/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.744 W/kg

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.64 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

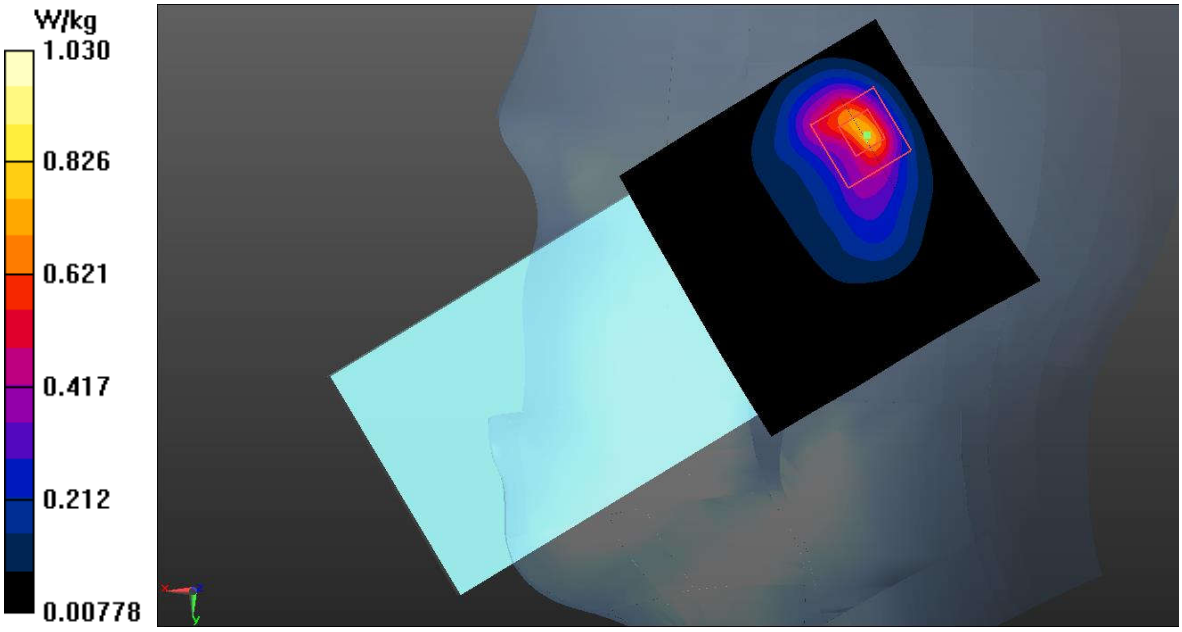


Fig.5 WCDMA Band 2 Head

WCDMA Band 2 Body
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1908 MHz; σ = 1.426 S/m; ε_r = 39.202; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Bottom Side High/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Bottom Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.41 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

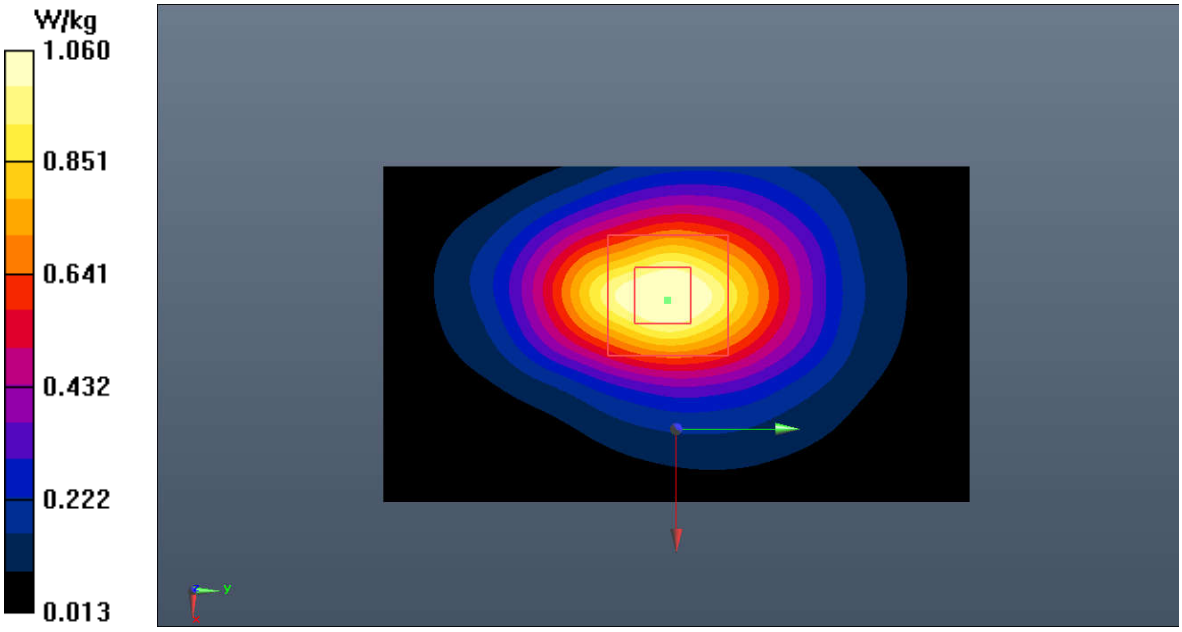


Fig.6 WCDMA Band 2 Body

WCDMA Band 4 Head
Date: 2022-11-11
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1753 MHz; σ = 1.366 S/m; ε_r = 40.557; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Right Tilt High/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.687 W/kg

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.25 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 0.997 W/kg

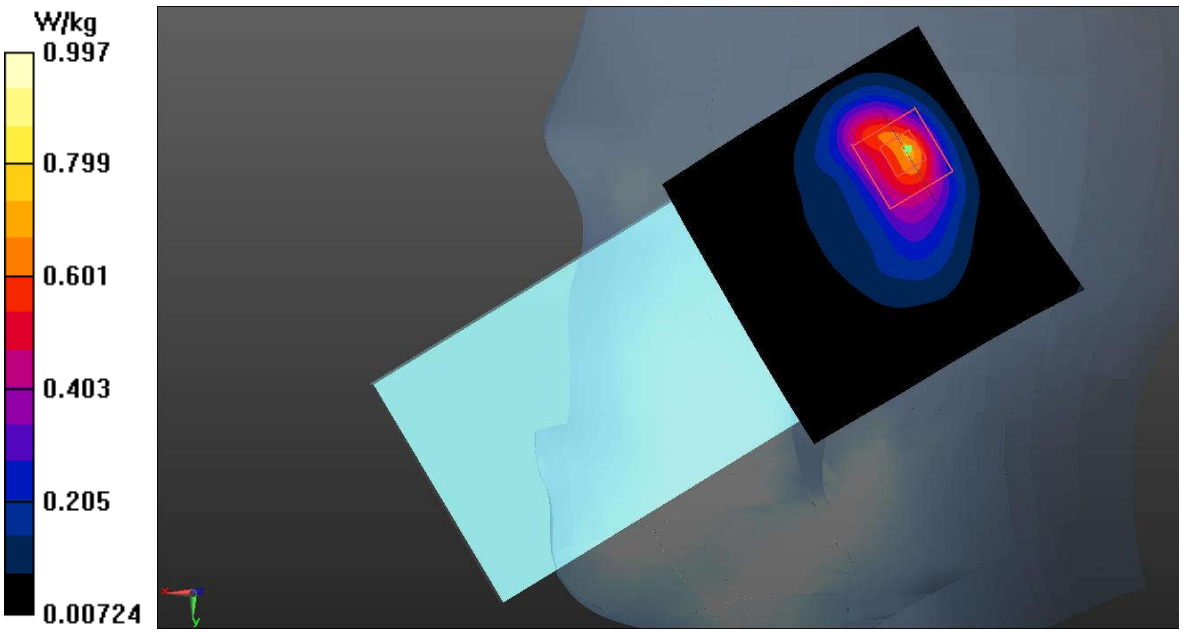


Fig.7 WCDMA Band 4 Head

WCDMA Band 4 Body
Date: 2022-11-11
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1753 MHz; σ = 1.366 S/m; ε_r = 40.557; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Bottom Side High/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Bottom Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.96 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

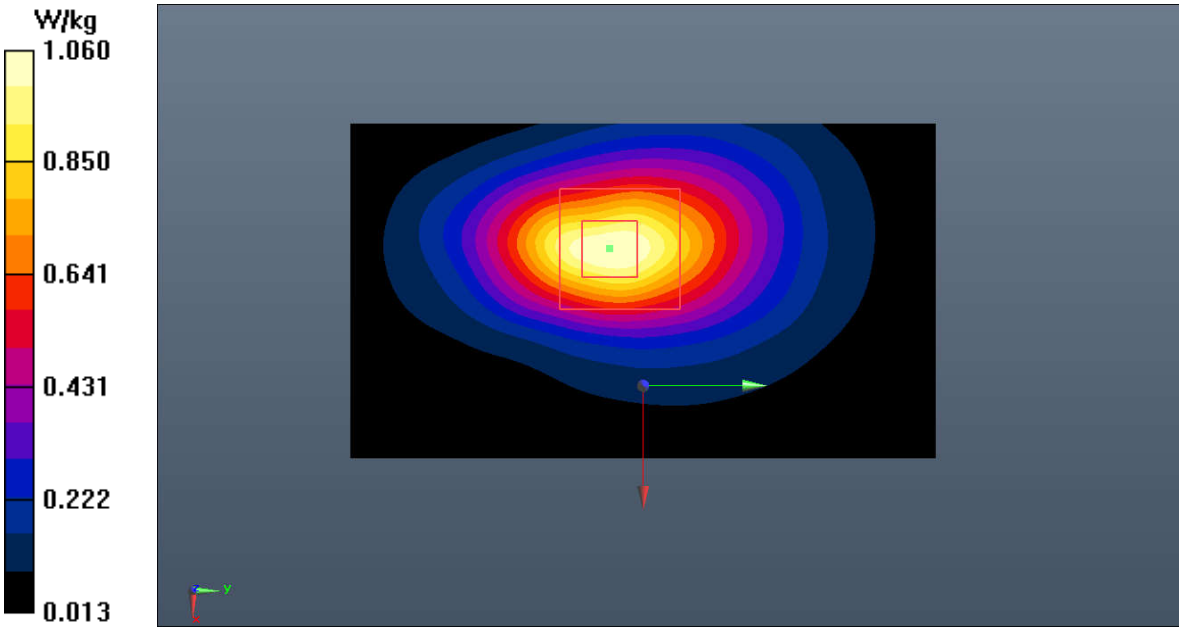


Fig.8 WCDMA Band 4 Body

WCDMA Band 5 Head
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 40.692; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 836.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.805 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.60 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.693 W/kg

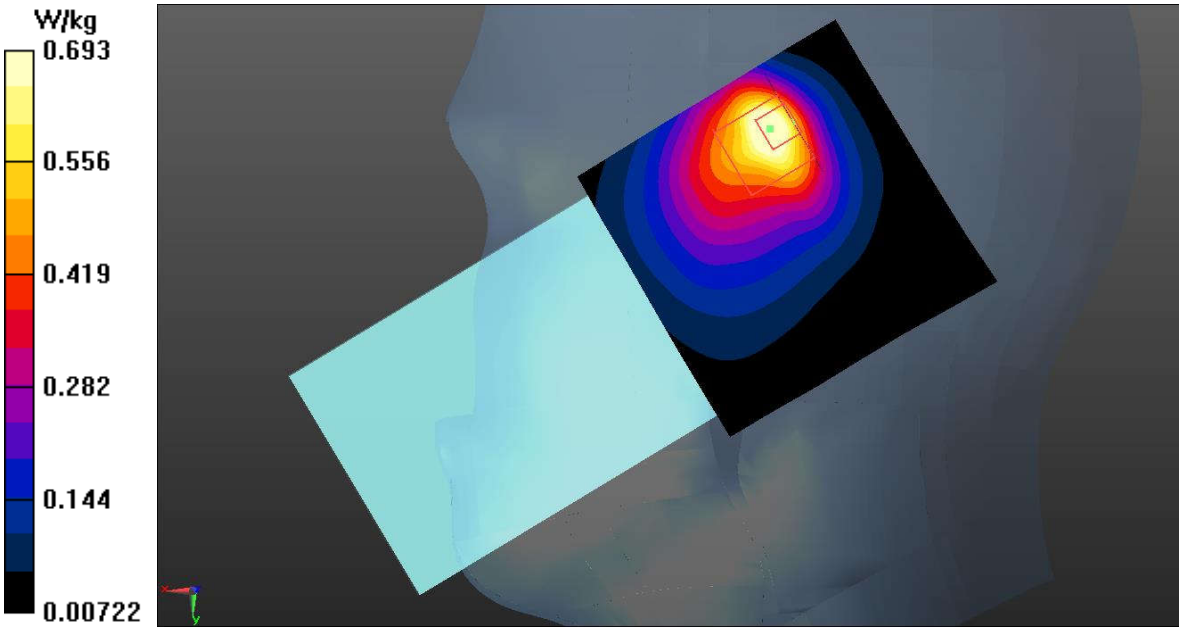


Fig.9 WCDMA Band 5 Head

WCDMA Band 5 Body
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 40.692; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 836.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Rear Side Middle/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.464 W/kg

Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.89 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.420 W/kg

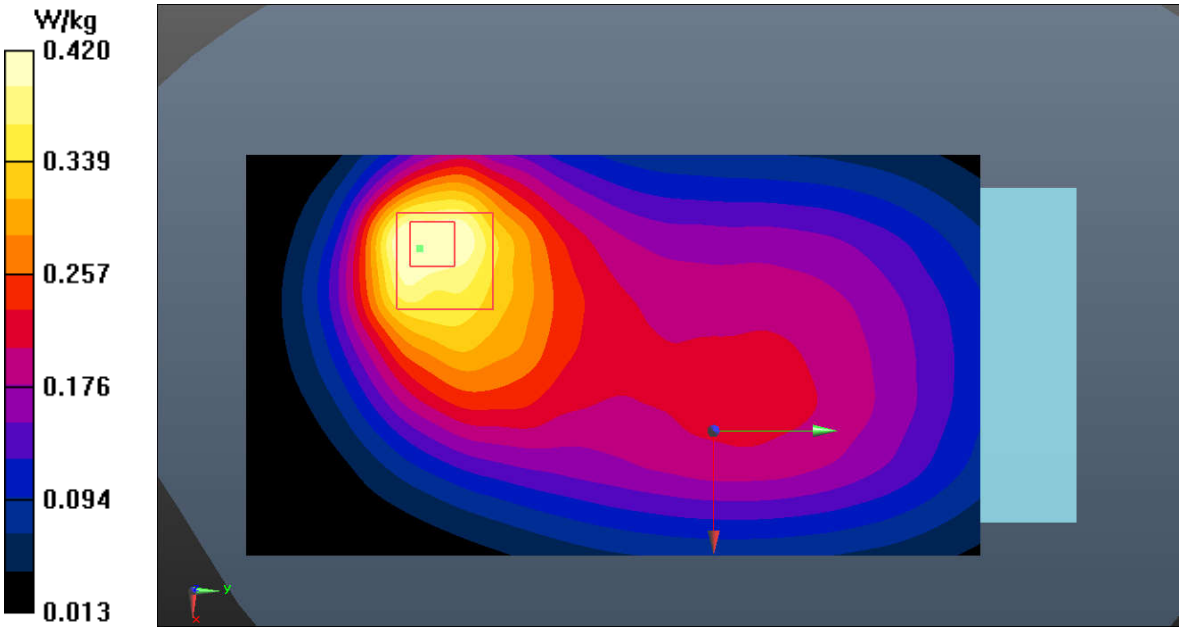


Fig.10 WCDMA Band 5 Body

LTE Band 2 Head
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 39.233; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Right Tilt High 50RB25/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Right Tilt High 50RB25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.67 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.405 W/kg
Maximum value of SAR (measured) = 1.60 W/kg

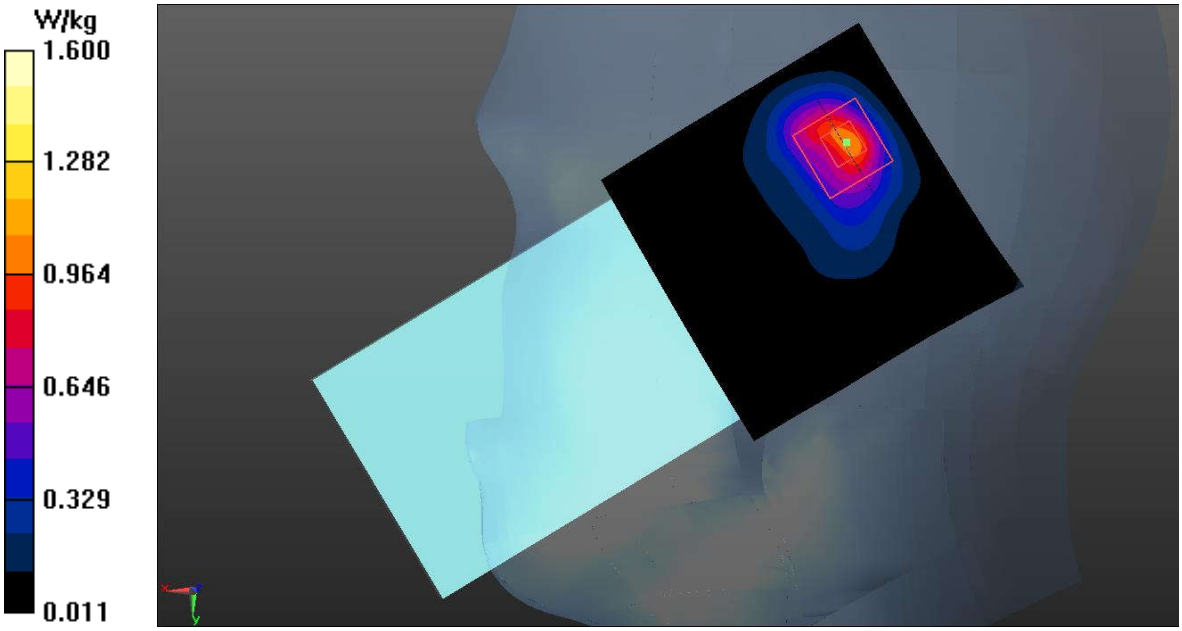


Fig.11 LTE Band 2 Head

LTE Band 2 Body
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1860 MHz; σ = 1.384 S/m; ε_r = 39.389; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1860 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Bottom Side Low 100RB/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.988 W/kg

Bottom Side Low 100RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.00 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 0.952 W/kg

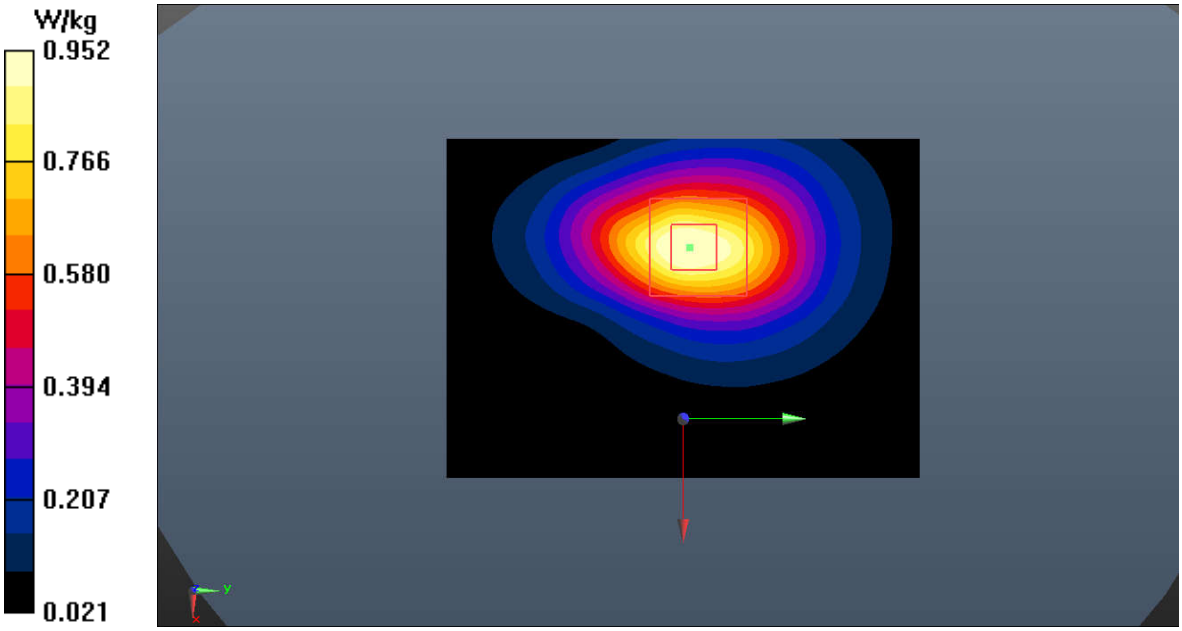


Fig.12 LTE Band 2 Body

LTE Band 4 Head
Date: 2022-11-11
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.359 S/m; ε_r = 40.589; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Right Tilt High 1RB50/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.987 W/kg

Right Tilt High 1RB50/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.04 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 1.28 W/kg

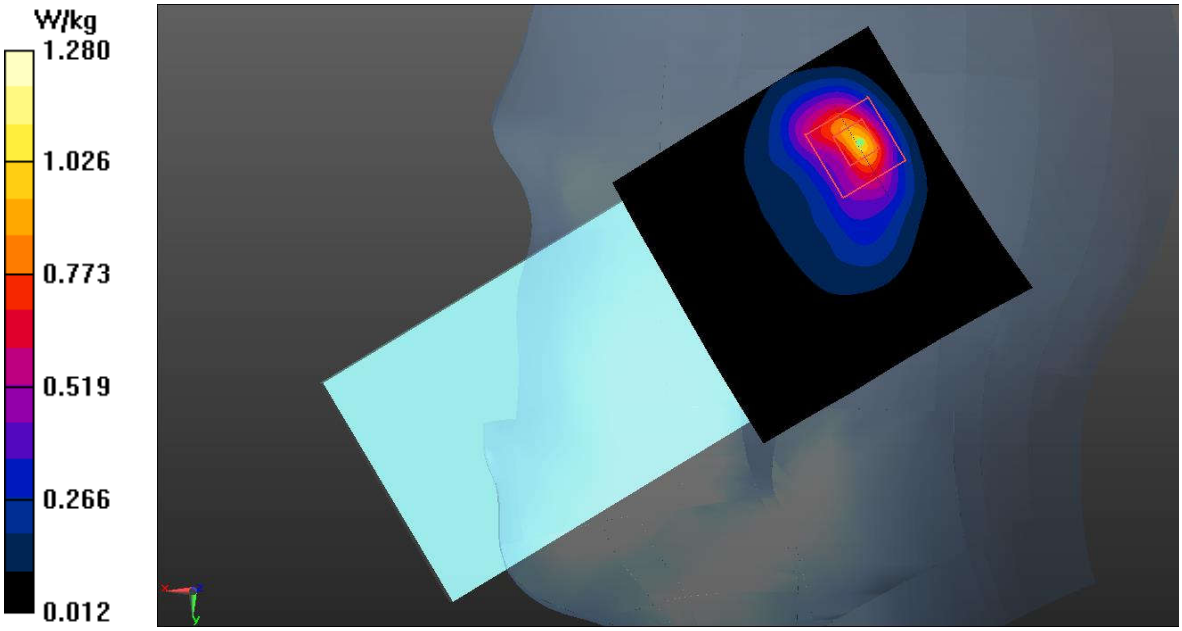


Fig.13 LTE Band 4 Head

LTE Band 4 Body
Date: 2022-11-11
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.359 S/m; ε_r = 40.589; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Top Side High 1RB50/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Top Side High 1RB50/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.00 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 1.27 W/kg

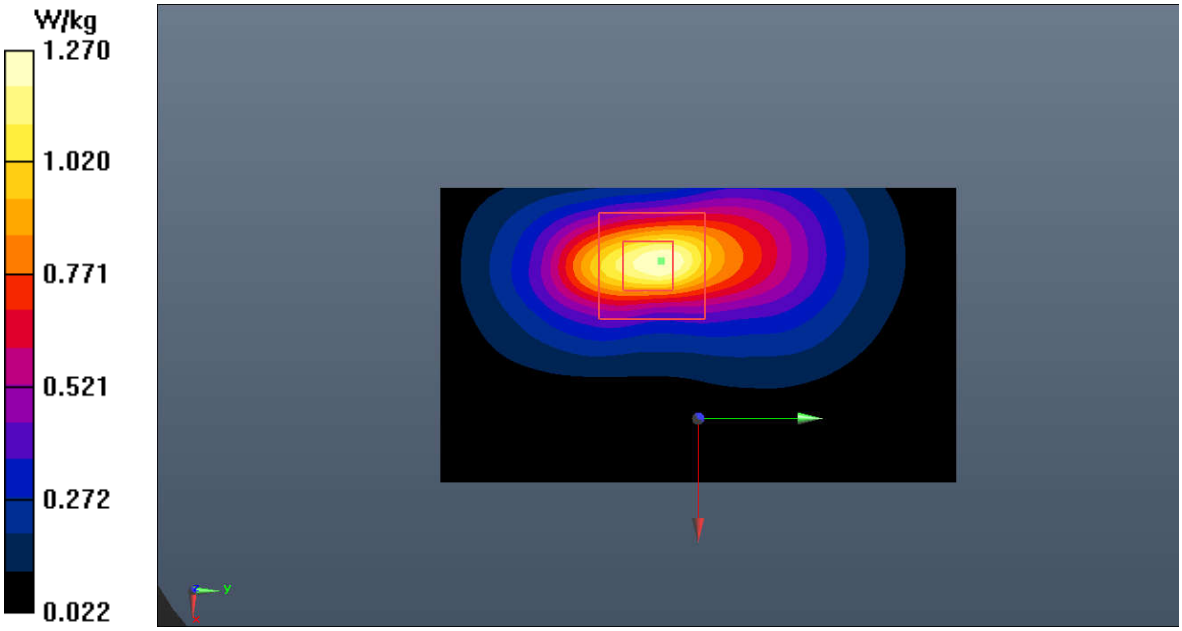


Fig.14 LTE Band 4 Body

LTE Band 5 Head
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 40.693; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 836.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Middle 25RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.770 W/kg

Right Cheek Middle 25RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.05 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.713 W/kg

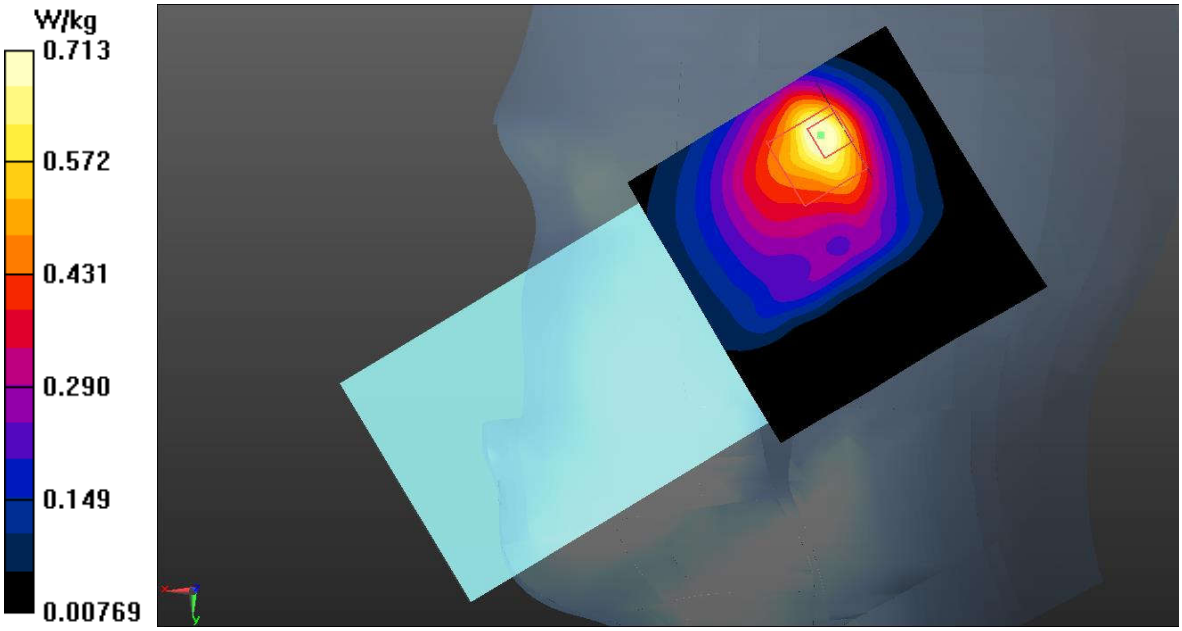


Fig.15 LTE Band 5 Head

LTE Band 5 Body
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 40.693; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 836.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Rear Side Middle 1RB49/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Rear Side Middle 1RB49/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.65 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.461 W/kg

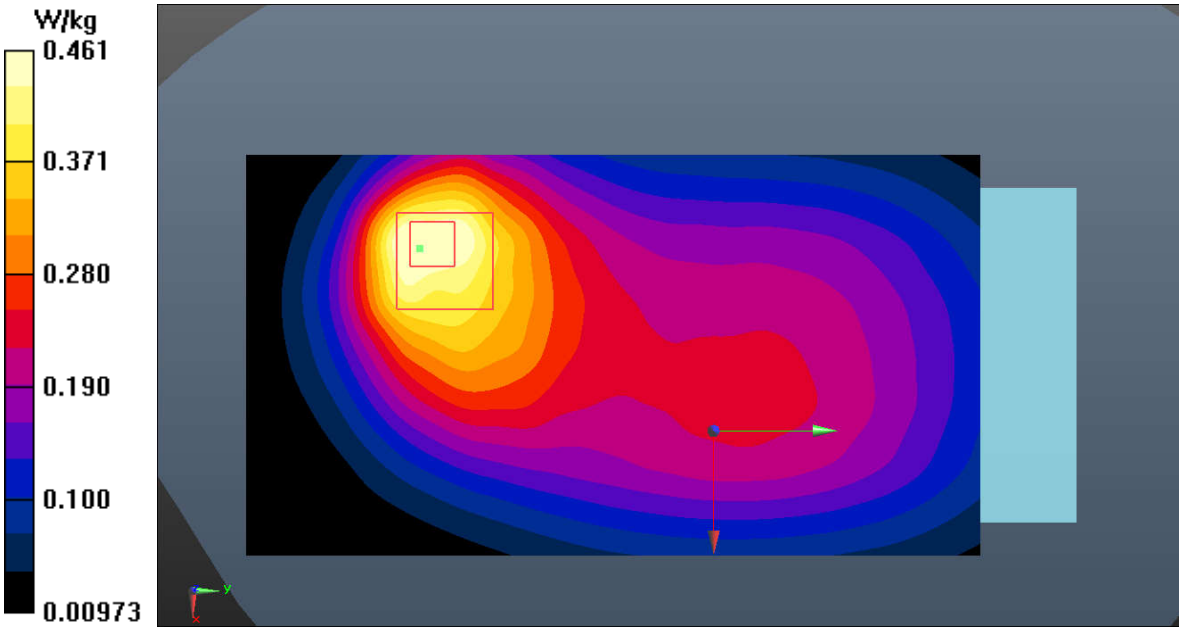


Fig.16 LTE Band 5 Body

LTE Band 7 Head
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2560 MHz; σ = 1.959 S/m; ε_r = 37.918; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 2560 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Right Tilt High 50RB50/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.862 W/kg

Right Tilt High 50RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.814 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.32 W/kg

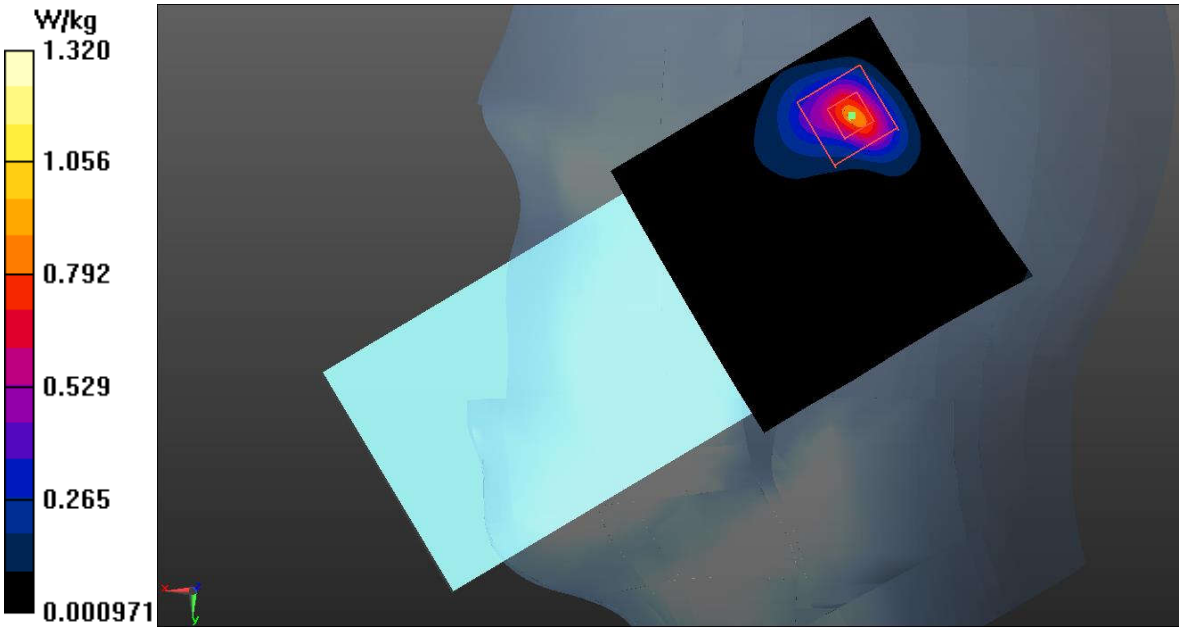


Fig.17 LTE Band 7 Head

LTE Band 7 Body
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.929 S/m; ε_r = 38.001; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Top Side Middle 50RB50/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.821 W/kg

Top Side Middle 50RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.999 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.893 W/kg

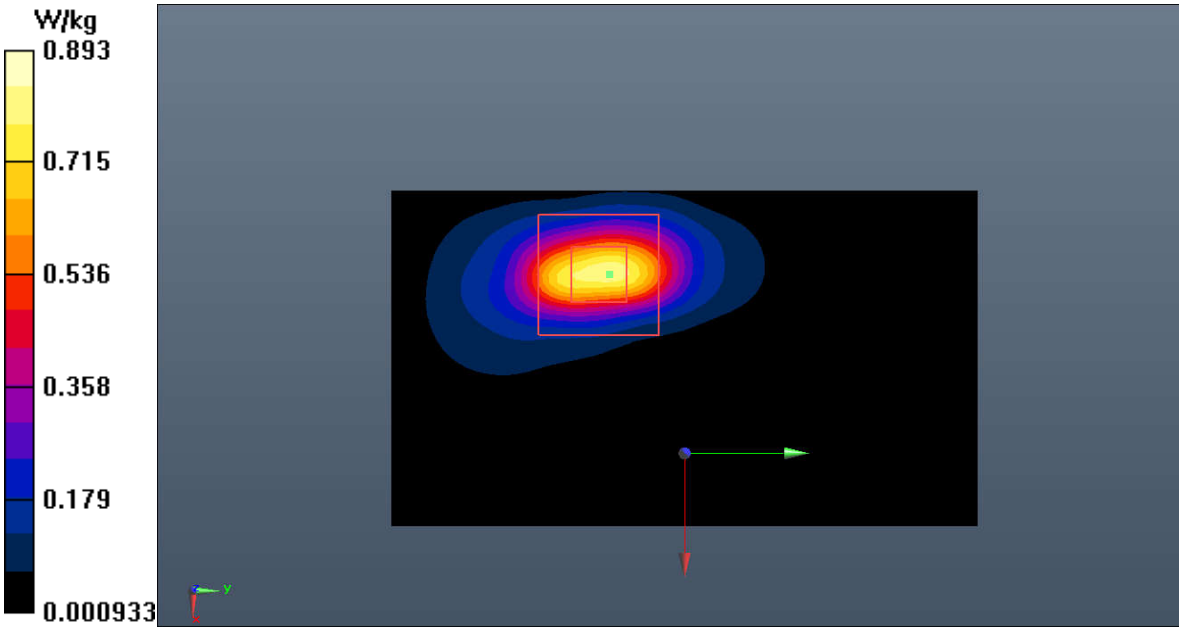


Fig.18 LTE Band 7 Body

LTE Band 12 Head
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 708 MHz; σ = 0.857 S/m; ε_r = 43.362; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Tilt Middle 25RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.773 W/kg

Right Tilt Middle 25RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.01 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.984 W/kg

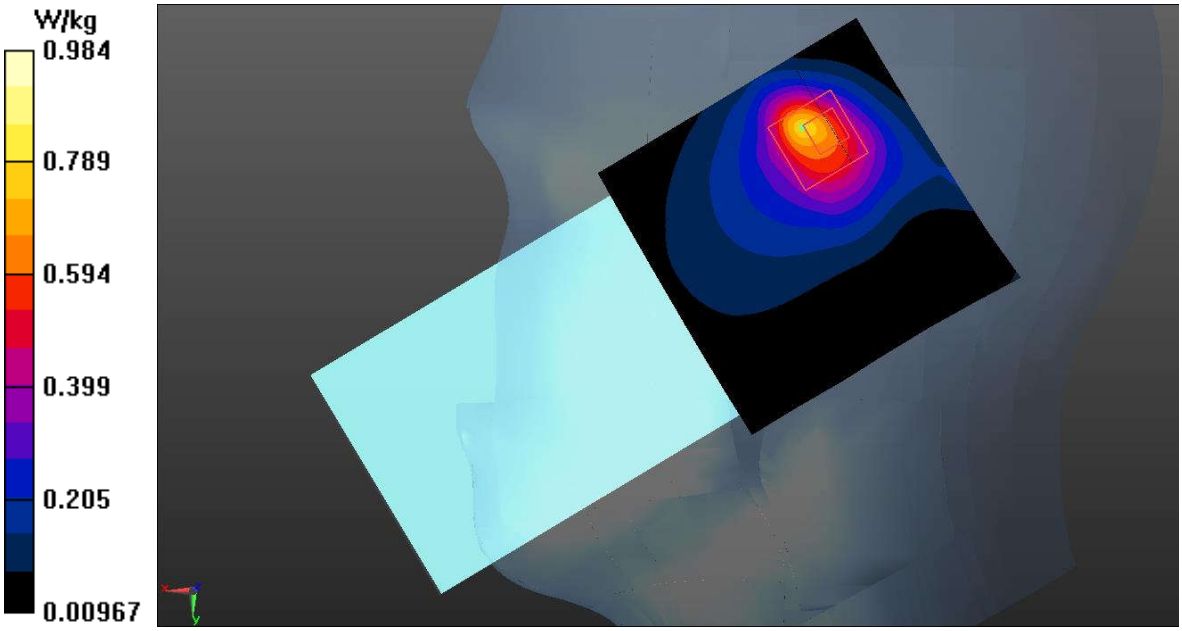


Fig.19 LTE Band 12 Head

LTE Band 12 Body
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 708 MHz; σ = 0.857 S/m; ε_r = 43.362; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Side Middle 1RB24/Area Scan (41x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.311 W/kg

Left Side Middle 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.05 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.308 W/kg

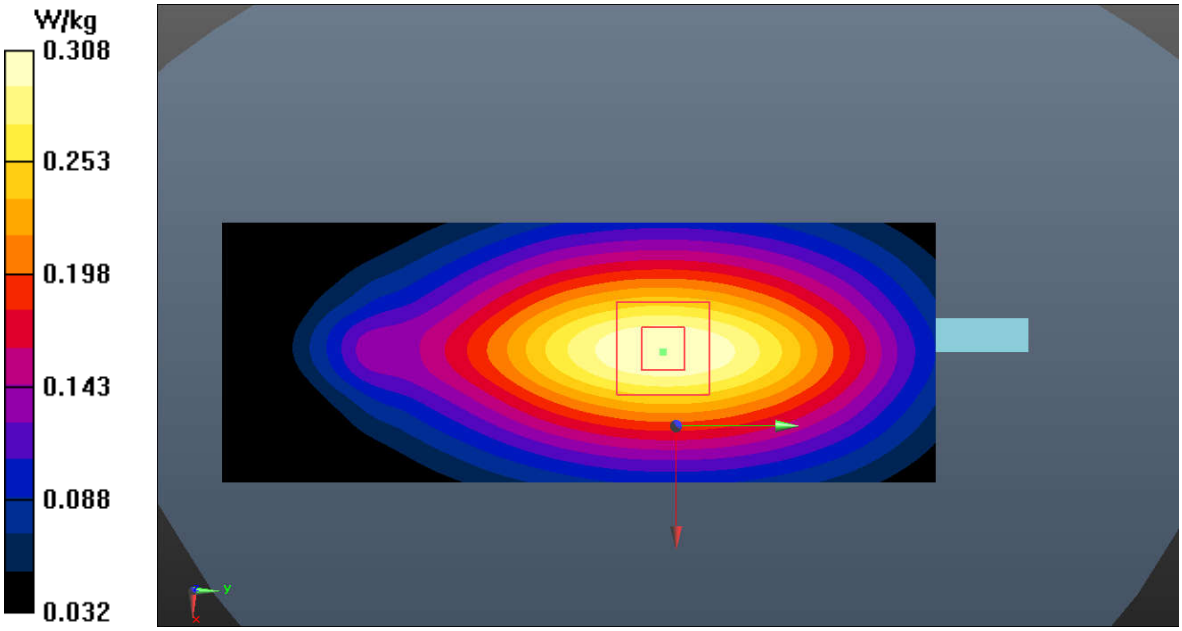


Fig.20 LTE Band 12 Body

LTE Band 13 Head
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 782 MHz; σ = 0.904 S/m; ε_r = 42.474; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Middle 1RB24/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.780 W/kg

Right Cheek Middle 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.66 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.831 W/kg

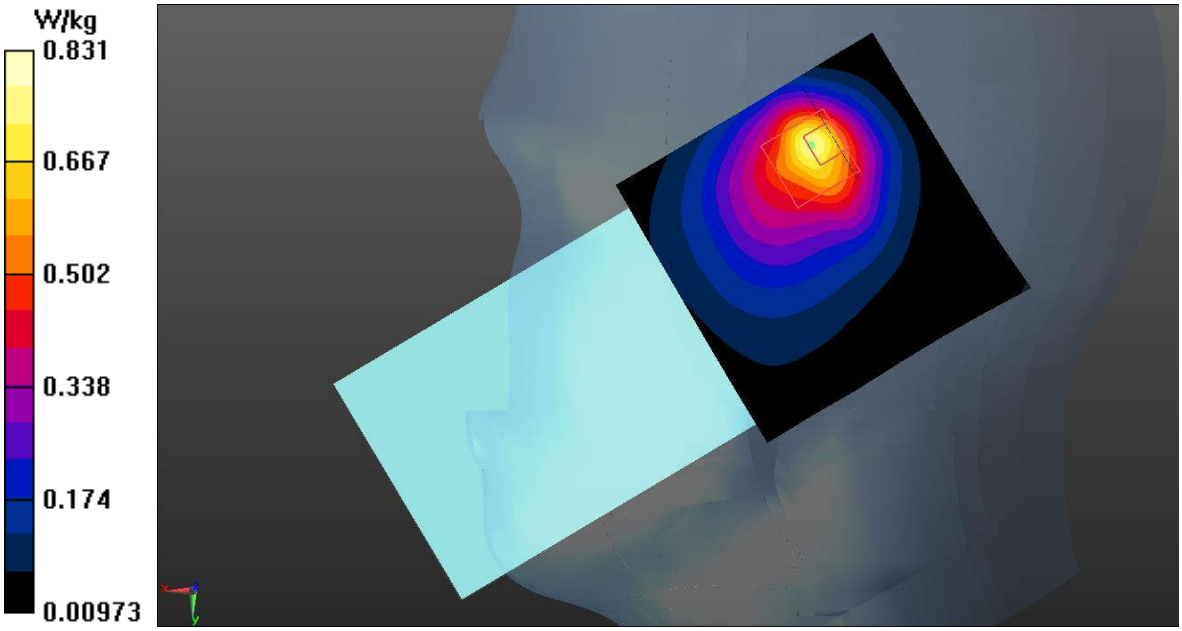


Fig.21 LTE Band 13 Head

LTE Band 13 Body
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 782 MHz; σ = 0.904 S/m; ε_r = 42.474; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Side High 1RB24/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Left Side High 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.03 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.321 W/kg

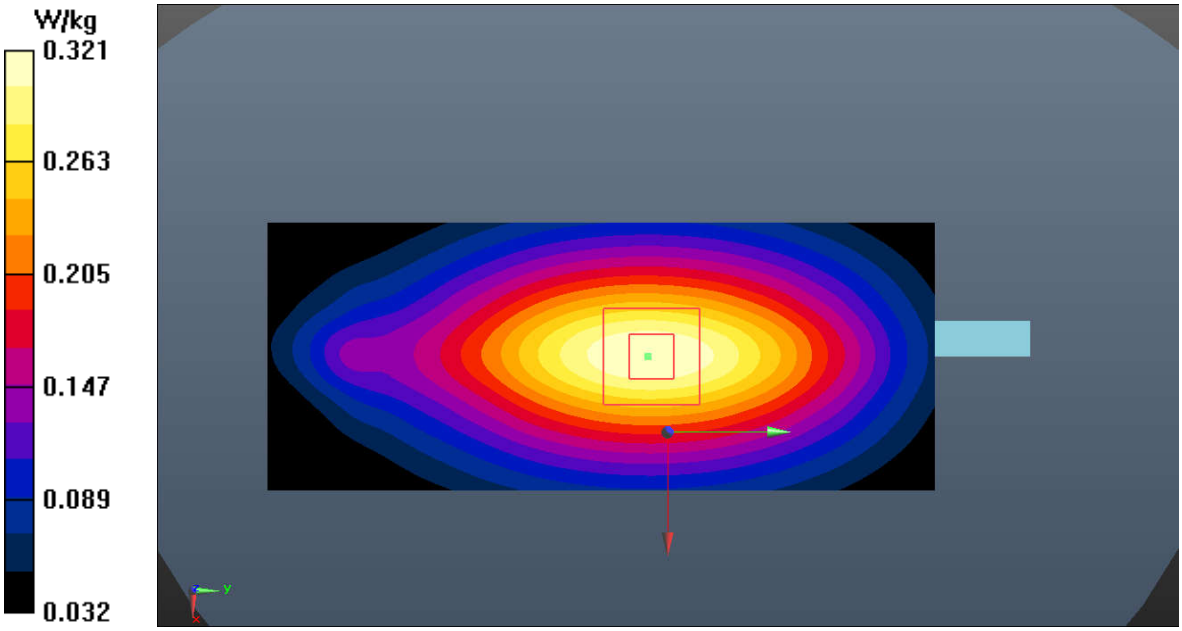


Fig.22 LTE Band 13 Body

LTE Band 17 Head
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used (interpolated): f = 709 MHz; σ = 0.858 S/m; ε_r = 42.35; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 709 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Low 1RB24/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.786 W/kg

Right Cheek Low 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.54 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.760 W/kg

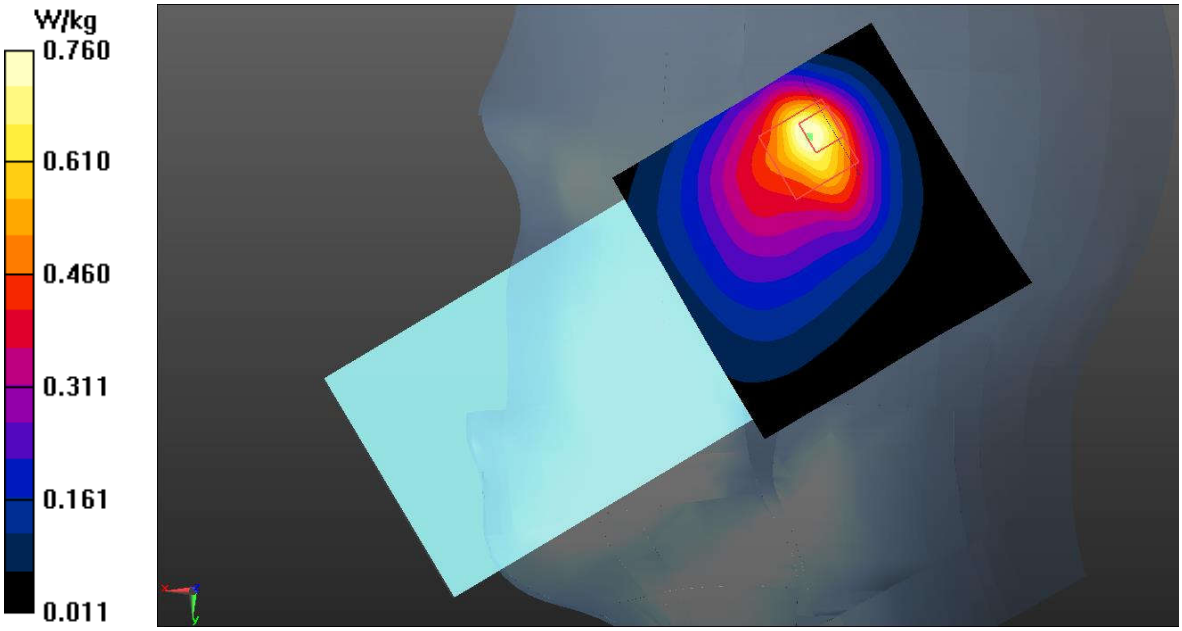


Fig.23 LTE Band 17 Head

LTE Band 17 Body
Date: 2022-10-18
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used (interpolated): f = 709 MHz; σ = 0.858 S/m; ε_r = 42.35; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 709 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Side Low 1RB24/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

Left Side Low 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.82 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.302 W/kg

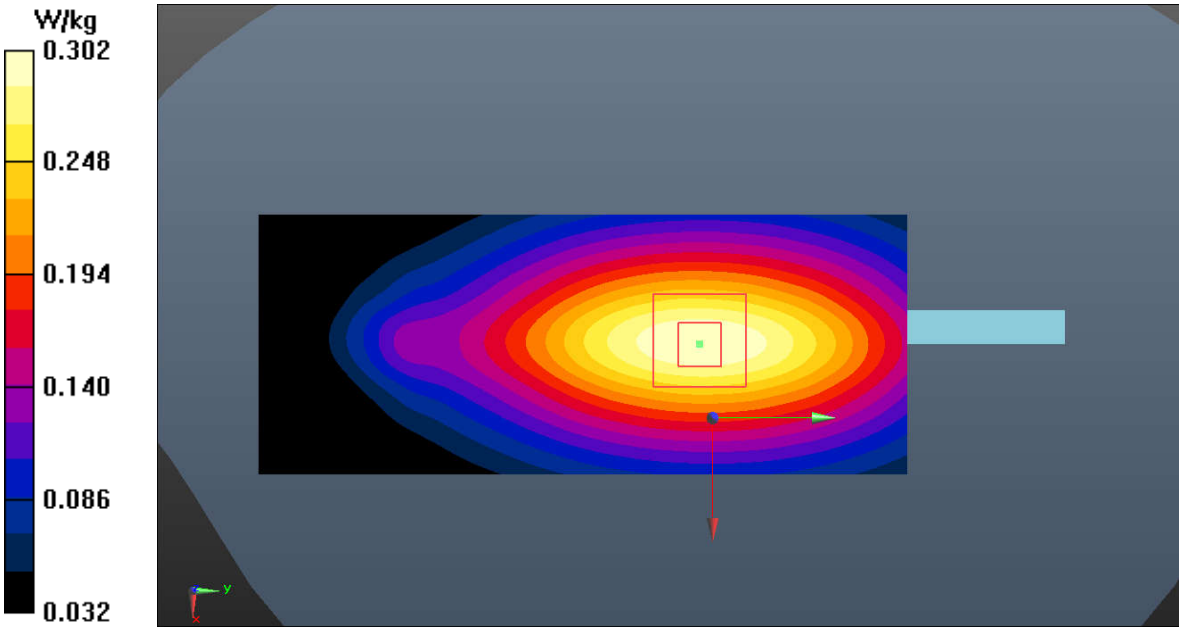


Fig.24 LTE Band 17 Body

LTE Band 26 Head
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.901 S/m; ε_r = 40.873; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 821.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Low 1RB74/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.783 W/kg

Right Cheek Low 1RB74/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.93 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.739 W/kg

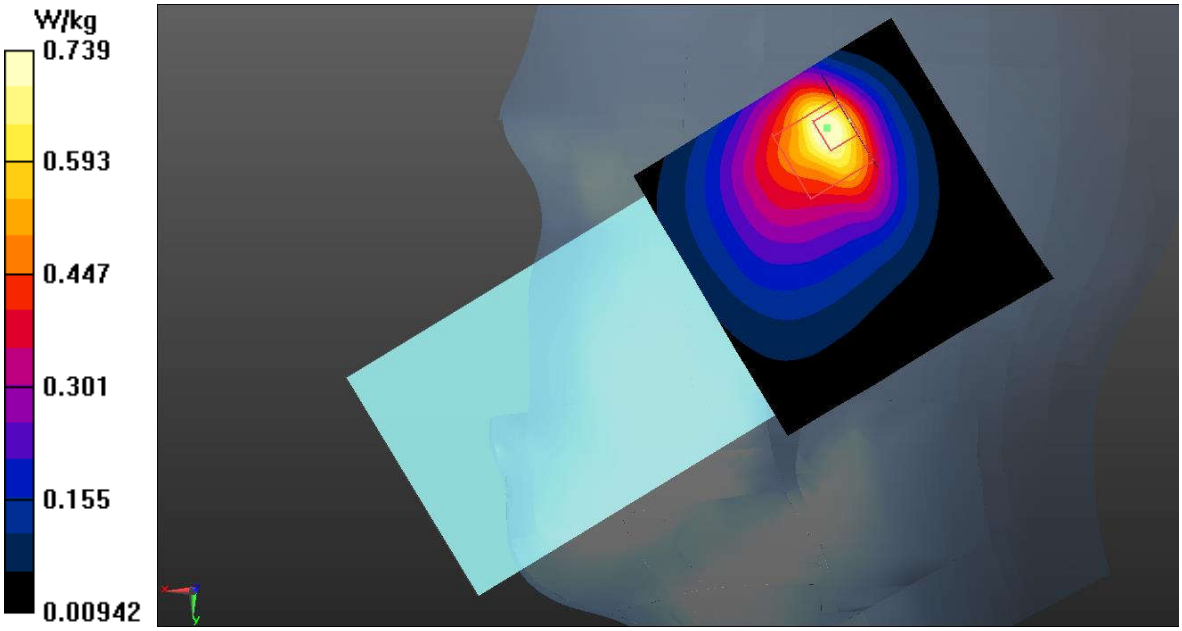


Fig.25 LTE Band 26 Head

LTE Band 26 Body
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.901 S/m; ε_r = 40.873; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 821.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Rear Side Low 1RB74/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.458 W/kg

Rear Side Low 1RB74/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.00 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.426 W/kg

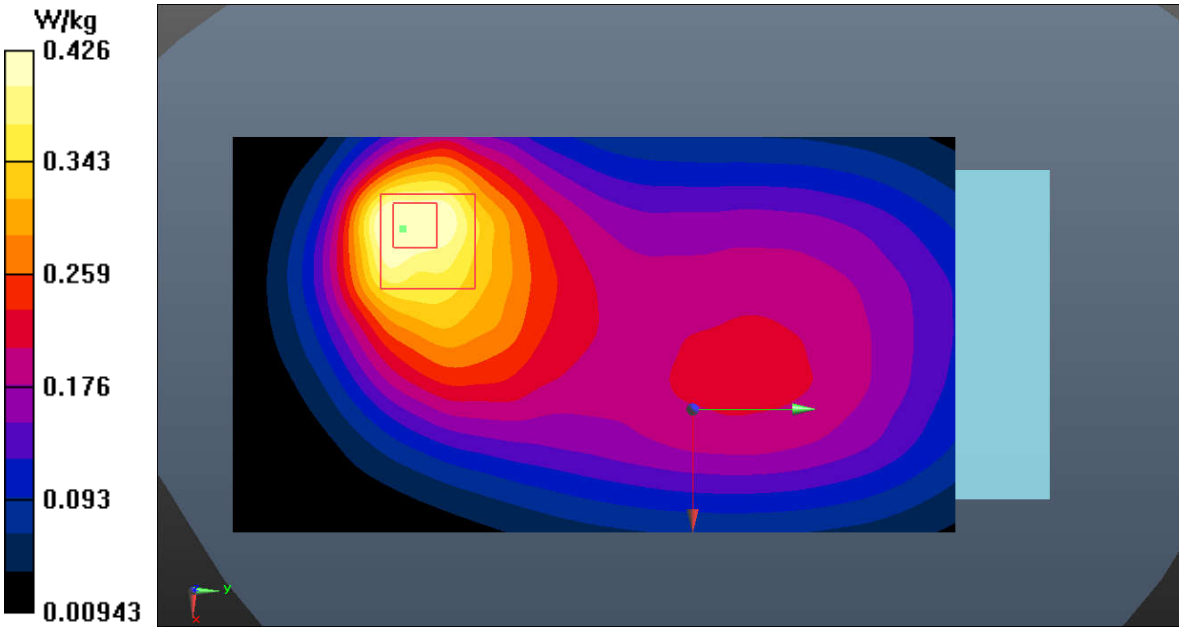


Fig.26 LTE Band 26 Body

LTE Band 38 Head
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2610 MHz; σ = 2.018 S/m; ε_r = 37.753; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2610 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Right Tilt High 50RB50/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.690 W/kg

Right Tilt High 50RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.707 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

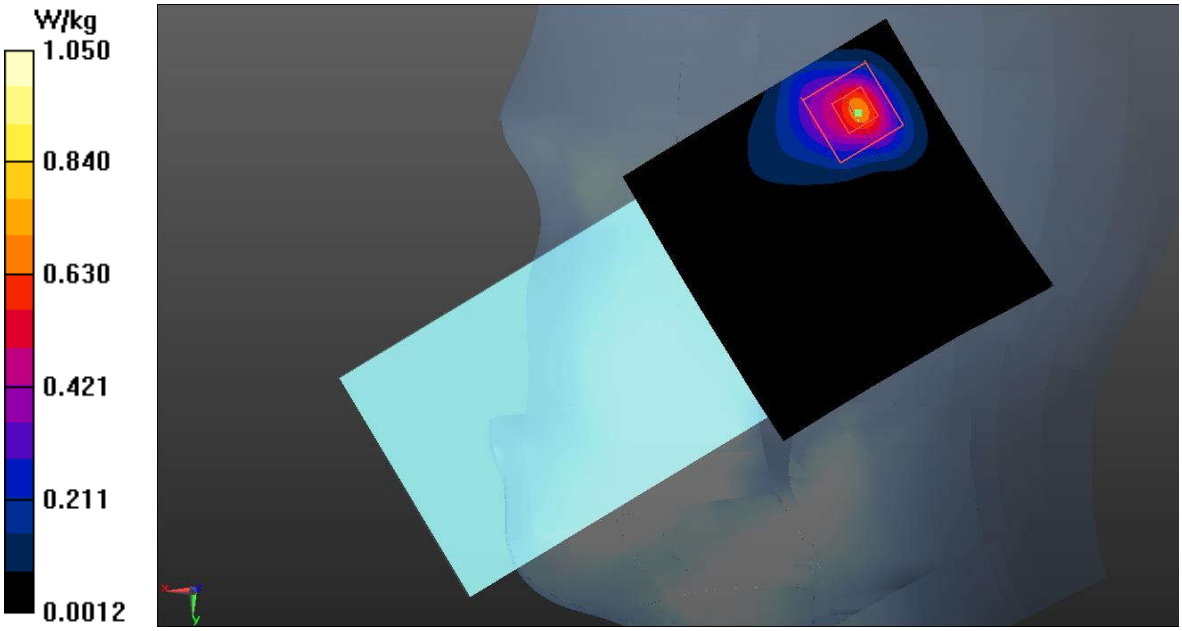


Fig.27 LTE Band 38 Head

LTE Band 38 Body
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2610 MHz; σ = 2.018 S/m; ε_r = 37.753; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2610 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Top Side High 1RB50/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Top Side High 1RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.938 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 1.48 W/kg

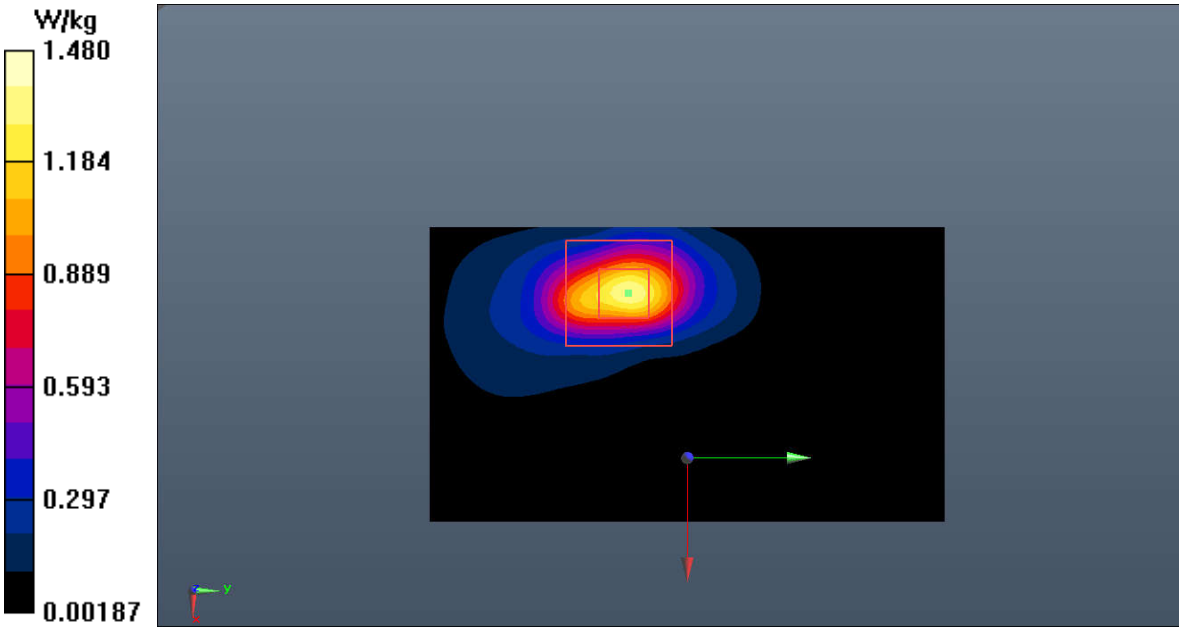


Fig.28 LTE Band 38 Body

LTE Band 41 Head
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2506 MHz; σ = 1.895 S/m; ε_r = 38.096; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2506 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Right Tilt Low 50RB25/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.513 W/kg

Right Tilt Low 50RB25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.665 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.798 W/kg

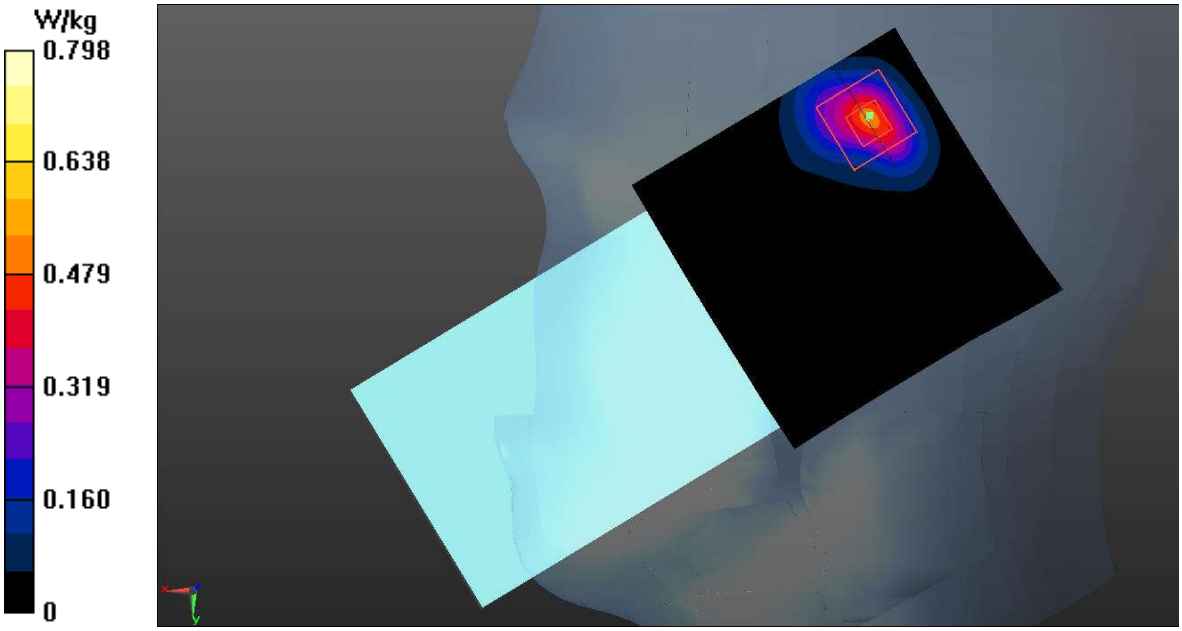


Fig.29 LTE Band 41 Head

LTE Band 41 Body
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2506 MHz; σ = 1.895 S/m; ε_r = 38.096; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2506 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Top Side Low 50RB25/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.842 W/kg

Top Side Low 50RB25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.731 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.852 W/kg

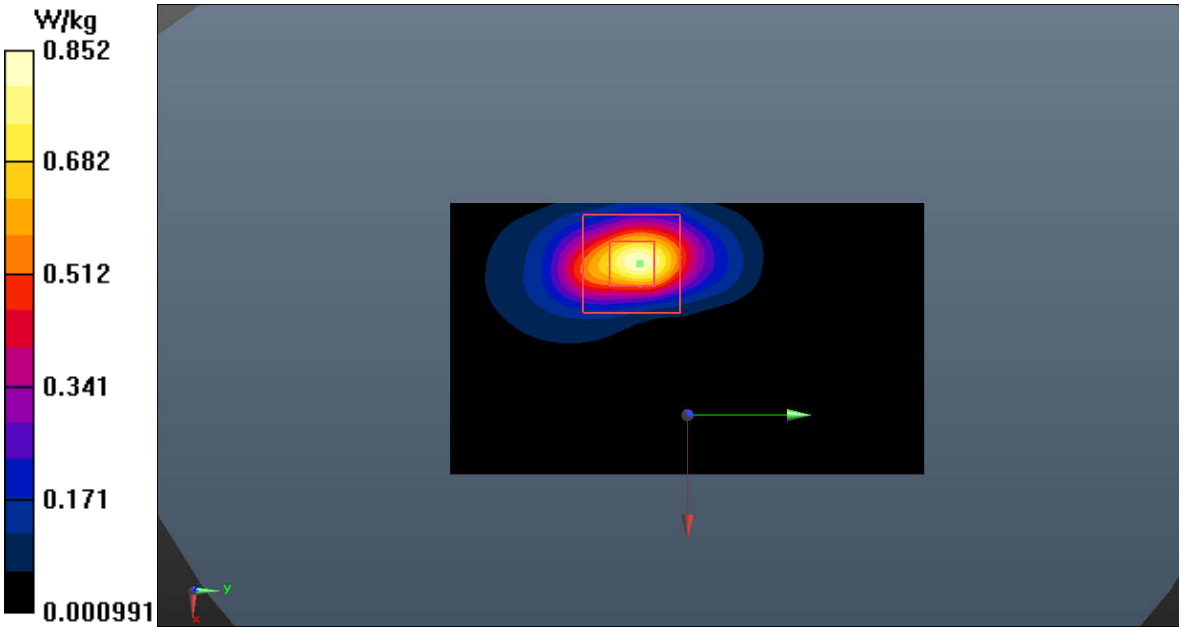


Fig.30 LTE Band 41 Body

LTE Band 66 Head
Date: 2022-11-14
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1770 MHz; σ = 1.4 S/m; ε_r = 39.466; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1770 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Right Tilt High 50RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.663 W/kg

Right Tilt High 50RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.12 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.910 W/kg

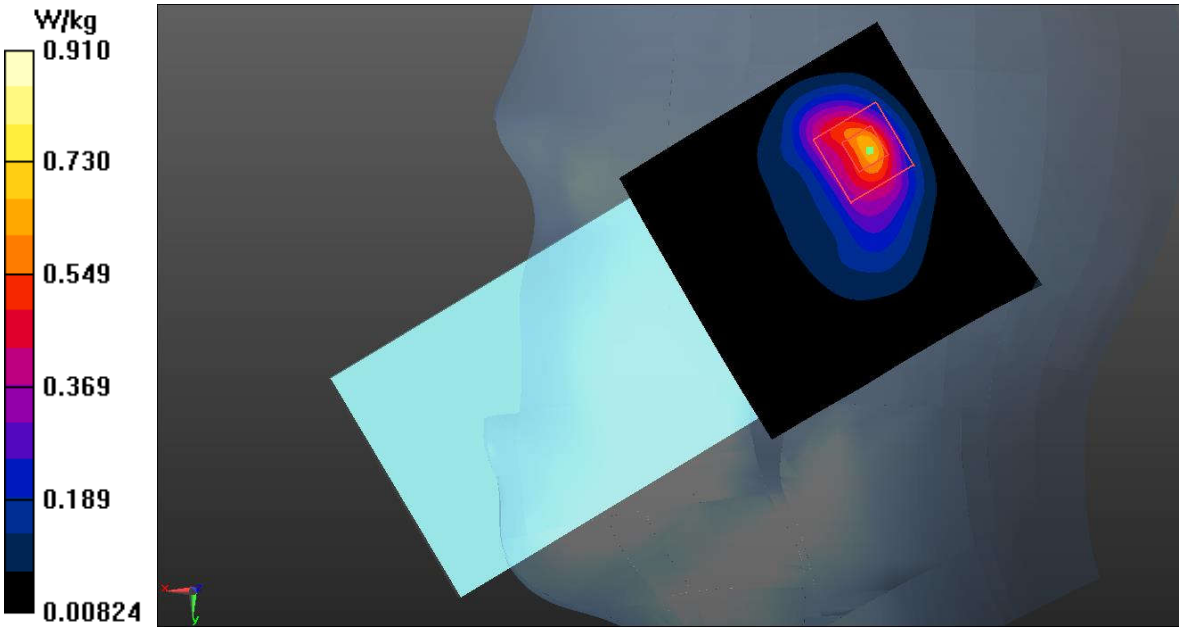


Fig.31 LTE Band 66 Head

LTE Band 66 Body
Date: 2022-11-14
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1770 MHz; σ = 1.4 S/m; ε_r = 39.466; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1770 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Top Side High 50RB0/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Top Side High 50RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.42 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 1.23 W/kg

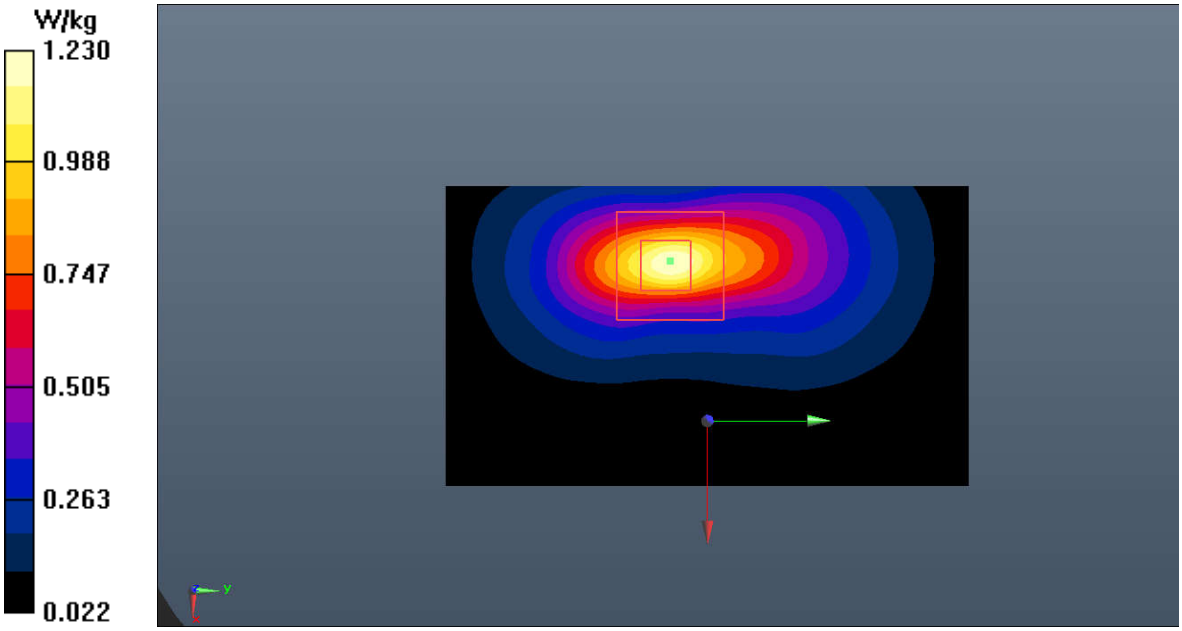


Fig.32 LTE Band 66 Body

NR n5 Head
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 40.693; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 836.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Middle 50@25/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.866 W/kg

Right Cheek Middle 50@25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.312 W/kg
Maximum value of SAR (measured) = 0.801 W/kg

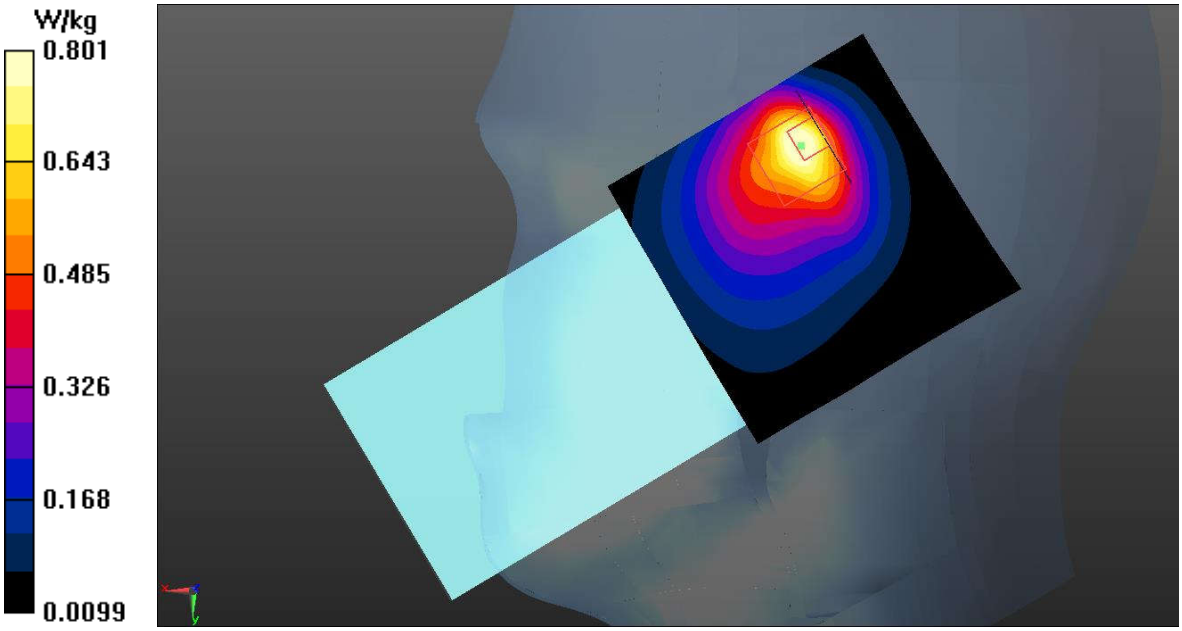


Fig.33 NR n5 Head

NR n5 Body
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 40.693; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 836.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Rear Side Middle 50@25/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.412 W/kg

Rear Side Middle 50@25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.09 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.374 W/kg

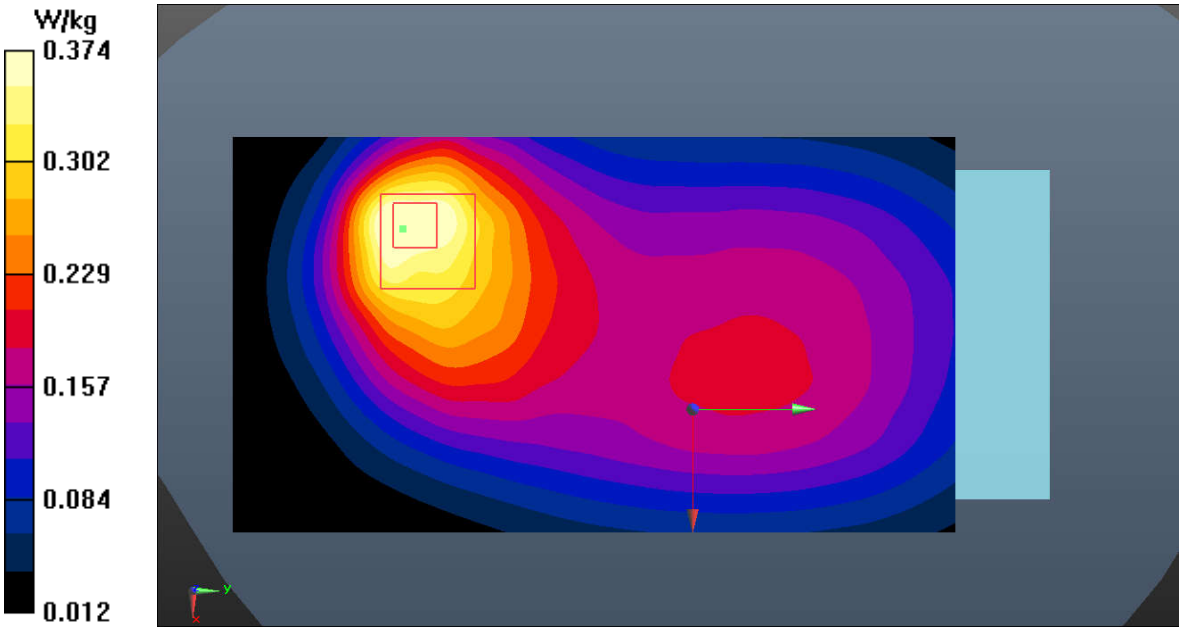


Fig.34 NR n5 Body

NR n7 Head
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.936 S/m; ε_r = 38.208; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Right Tilt Middle 108@54/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.720 W/kg

Right Tilt Middle 108@54/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.470 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 1.15 W/kg

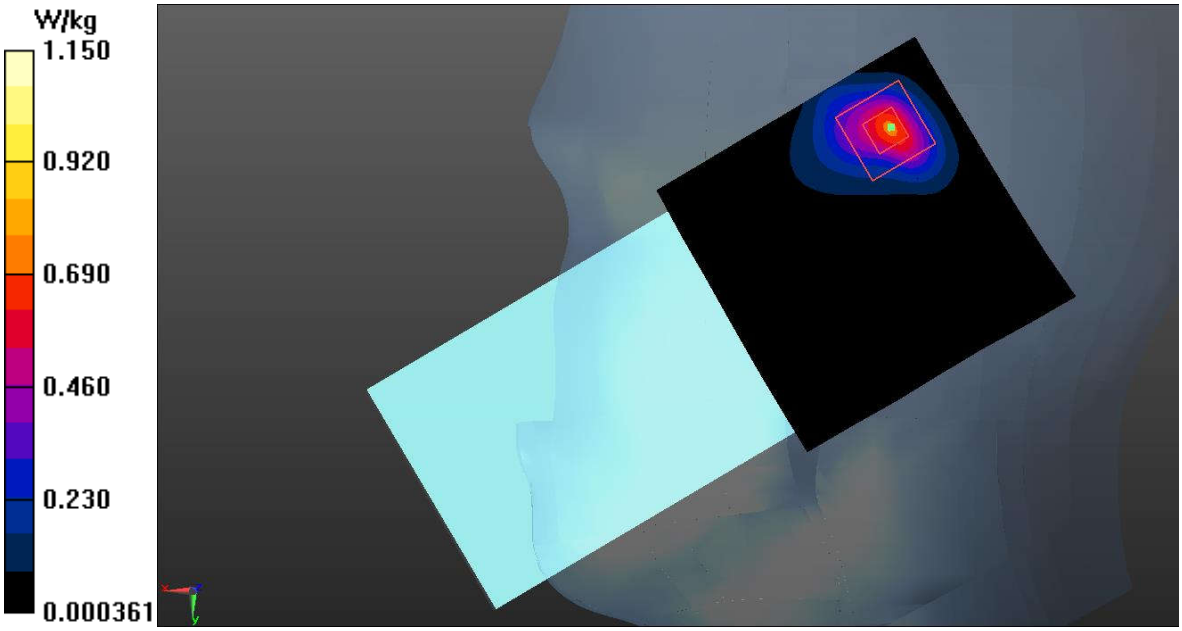


Fig.35 NR n7 Head

NR n7 Body
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.936 S/m; ε_r = 38.208; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Top Side Middle 108@54/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.774 W/kg

Top Side Middle 108@54/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.70 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.830 W/kg

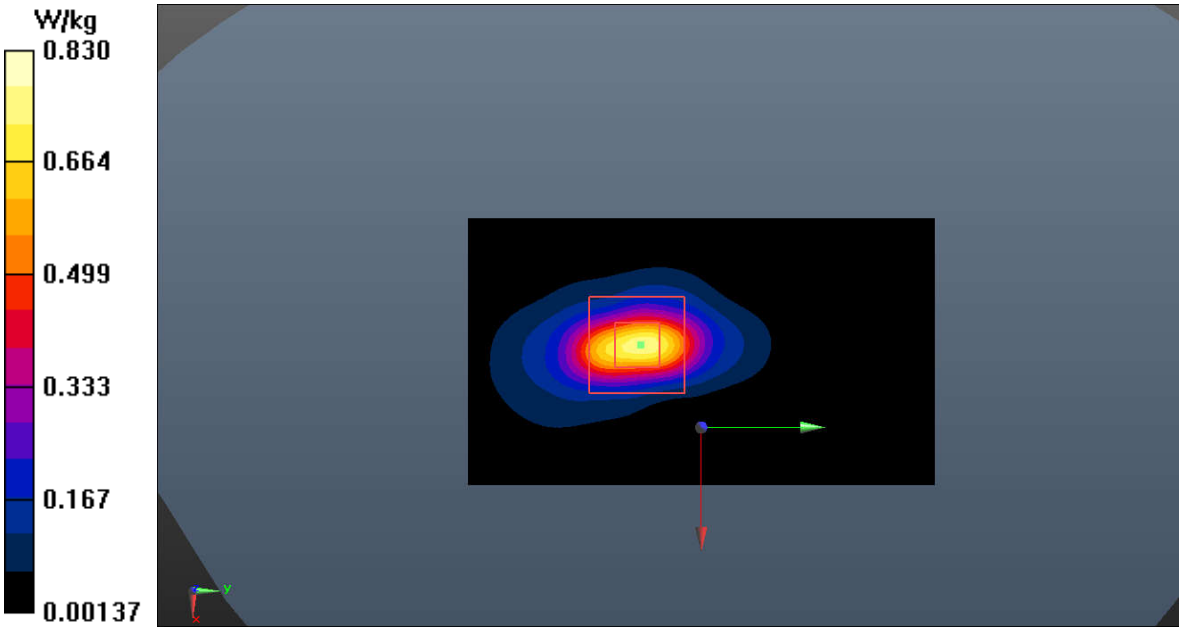


Fig.36 NR n7 Body

NR n38 Head
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2605 MHz; σ = 2.019 S/m; ε_r = 37.977; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2605 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Right Tilt High 36@18/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.860 W/kg

Right Tilt High 36@18/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.943 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 1.29 W/kg

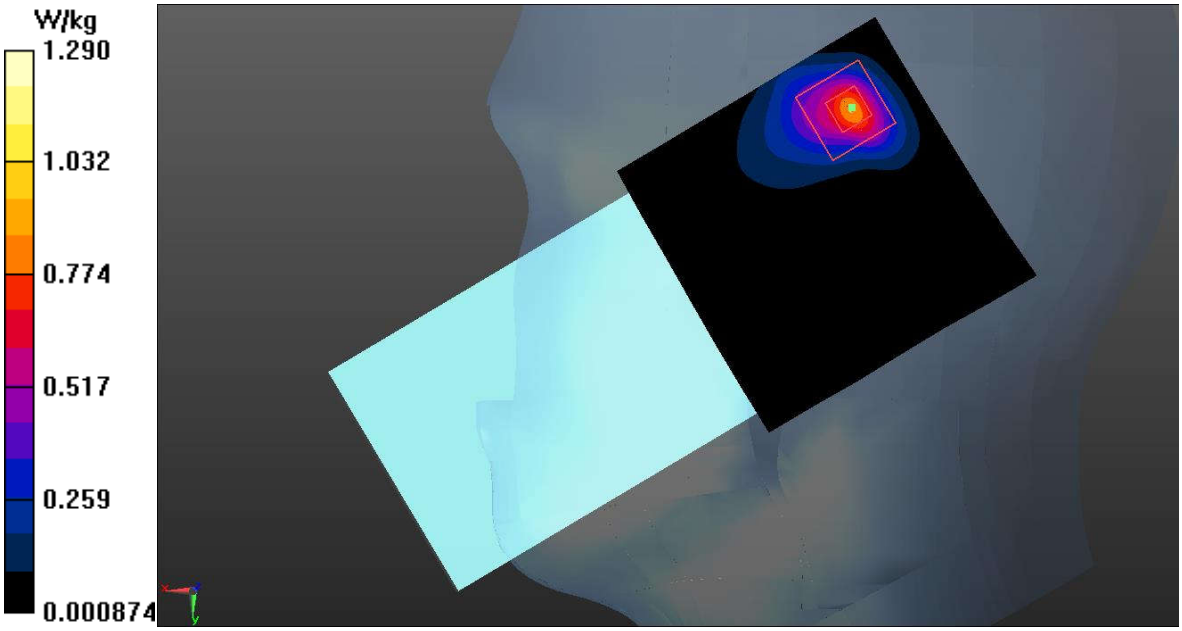


Fig.37 NR n38 Head

NR n38 Body
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2595 MHz; σ = 2.007 S/m; ε_r = 38.01; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2595 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Top Side Middle 36@18/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.875 W/kg

Top Side Middle 36@18/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.93 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.968 W/kg

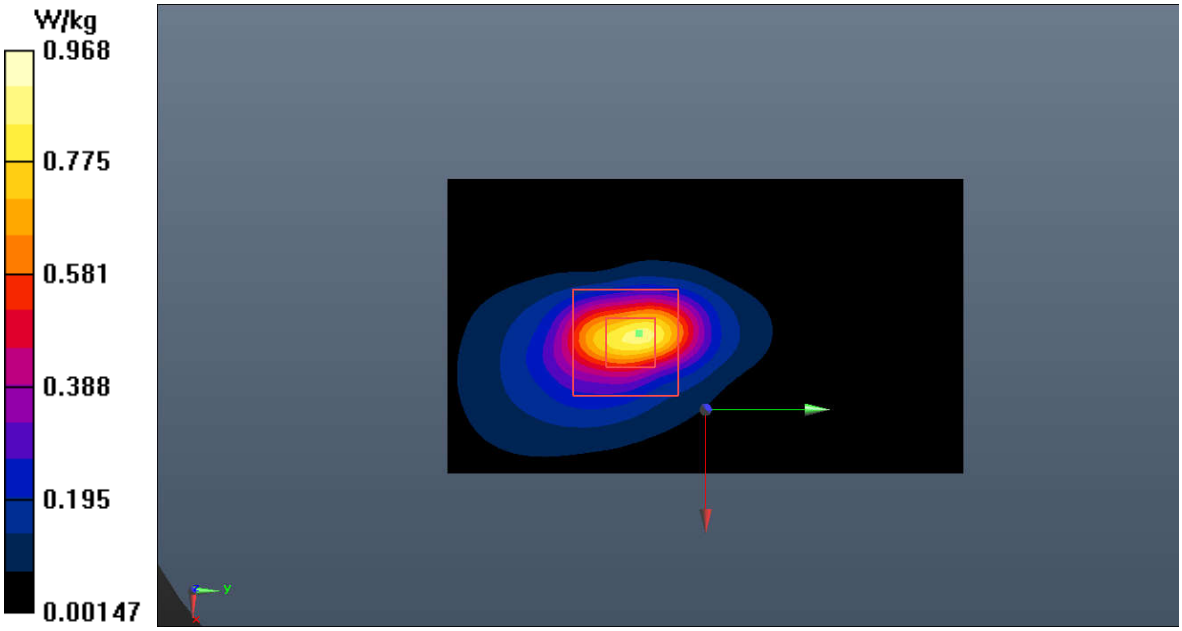


Fig.38 NR n38 Body

NR n41 Head
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2592.99 MHz; σ = 2.005 S/m; ε_r = 38.016; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2592.99 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Right Tilt Middle 135@67/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.917 W/kg

Right Tilt Middle 135@67/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.530 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 1.40 W/kg

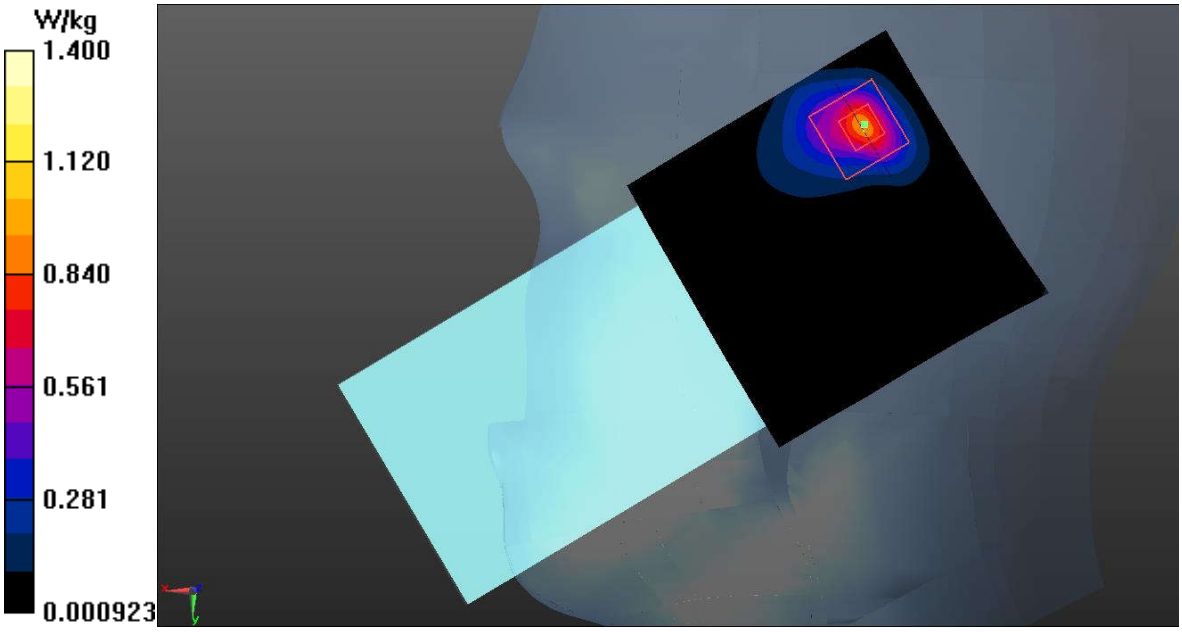


Fig.39 NR n41 Head

NR n41 Body
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2592.99 MHz; σ = 2.005 S/m; ε_r = 38.016; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2592.99 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.93, 7.93, 7.93)

Top Side Middle 135@67/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.858 W/kg

Top Side Middle 135@67/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.386 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 0.927 W/kg

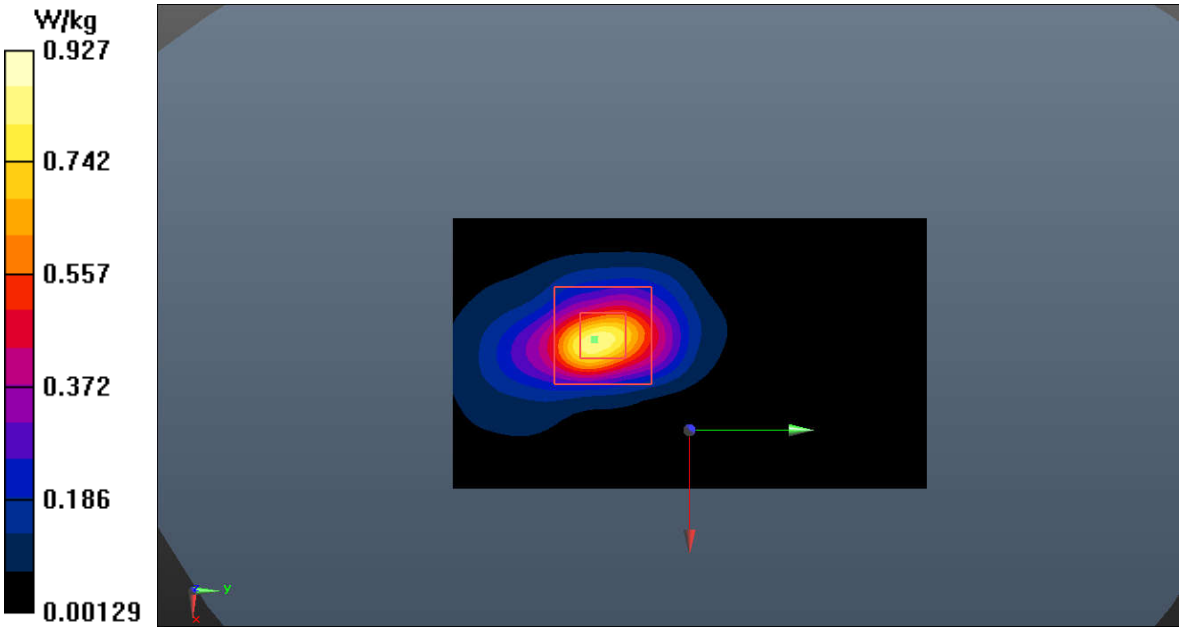


Fig.40 NR n41 Body

NR n66 Head
Date: 2022-11-14
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1730 MHz; σ = 1.364 S/m; ε_r = 39.622; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 1730 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Right Tilt Low 108@54/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.949 W/kg

Right Tilt Low 108@54/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.94 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.346 W/kg
Maximum value of SAR (measured) = 1.21 W/kg

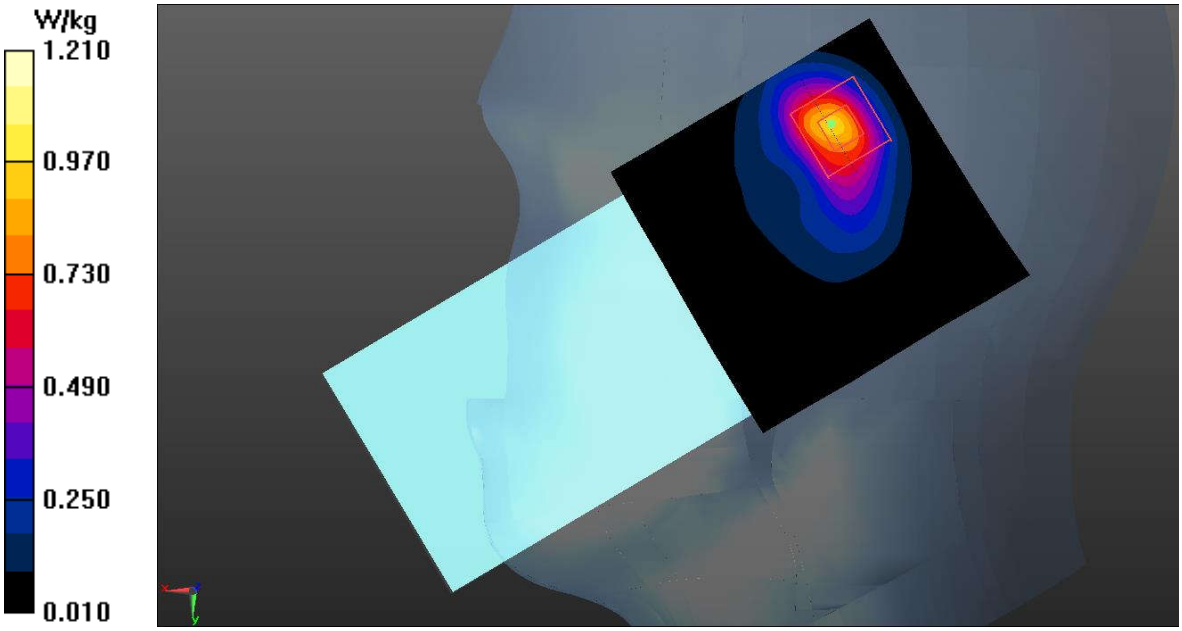


Fig.41 NR n66 Head

NR n66 Body
Date: 2022-11-14
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.378 S/m; ε_r = 39.564; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Top Side Middle 108@54/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Top Side Middle 108@54/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.77 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.465 W/kg
Maximum value of SAR (measured) = 1.35 W/kg

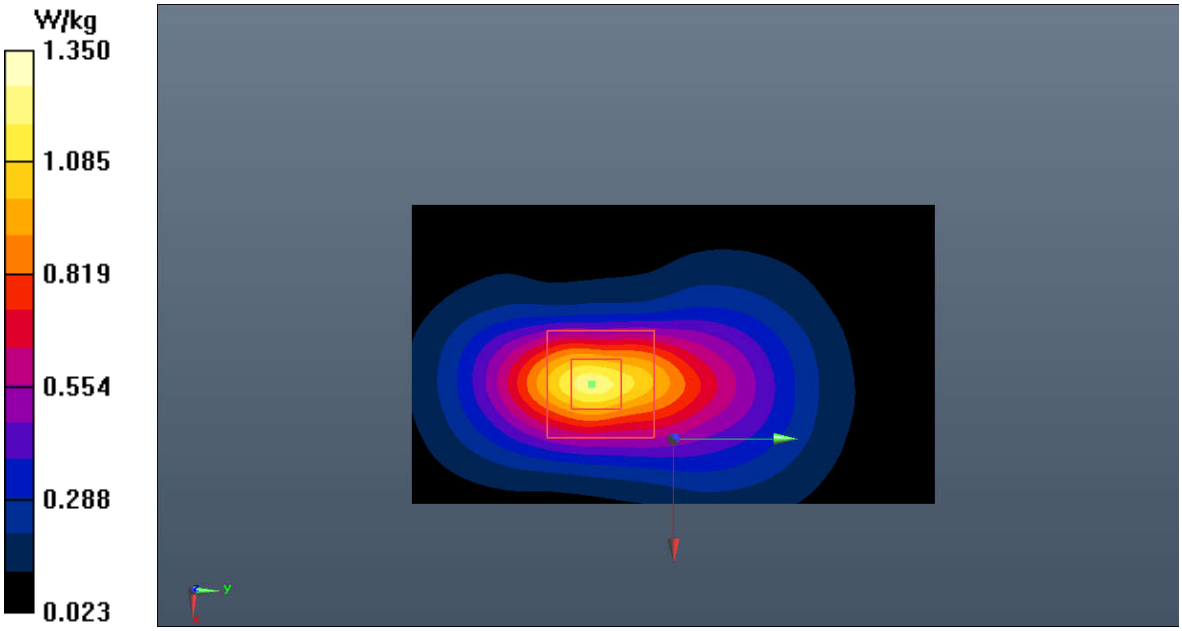


Fig.42 NR n66 Body

Bluetooth Head
Date: 2022-11-1
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2480 MHz; σ = 1.871 S/m; ε_r = 37.976; ρ = 1000 kg/m^3
Communication System: UID 0, BT (0) Frequency: 2480 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Left Cheek Ch.78/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Left Cheek Ch.78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.763 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.212 W/kg

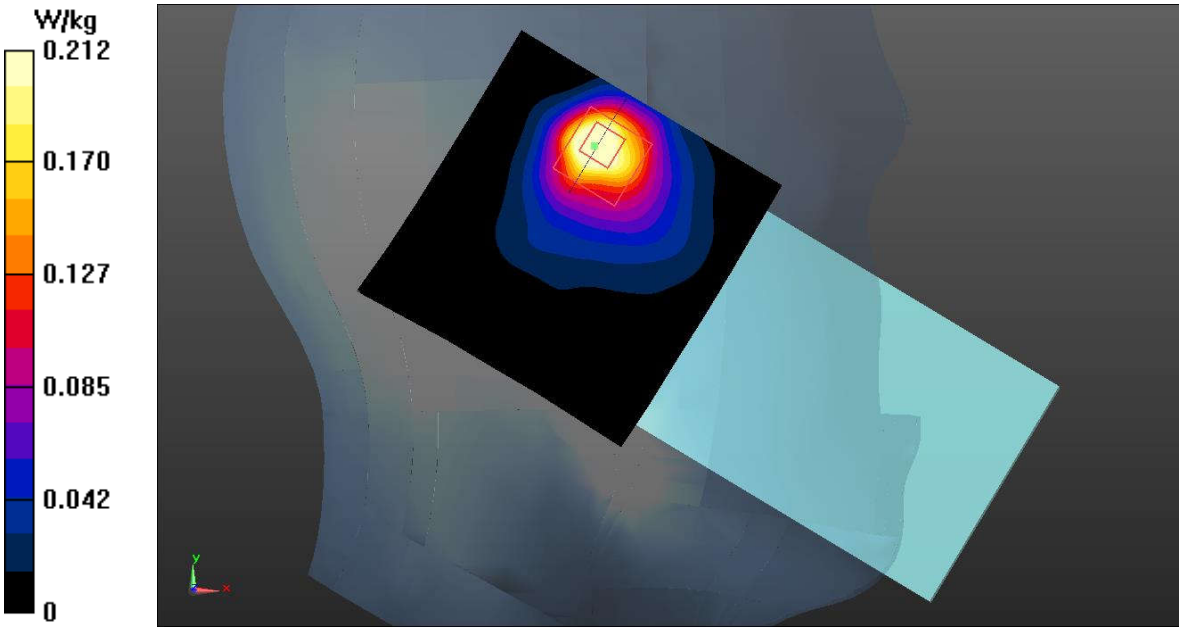


Fig.43 Bluetooth Head

Bluetooth Body
Date: 2022-11-1
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2480 MHz; σ = 1.871 S/m; ε_r = 37.976; ρ = 1000 kg/m^3
Communication System: UID 0, BT (0) Frequency: 2480 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Ch.78/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0721 W/kg

Rear Side Ch.78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.236 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0610 W/kg

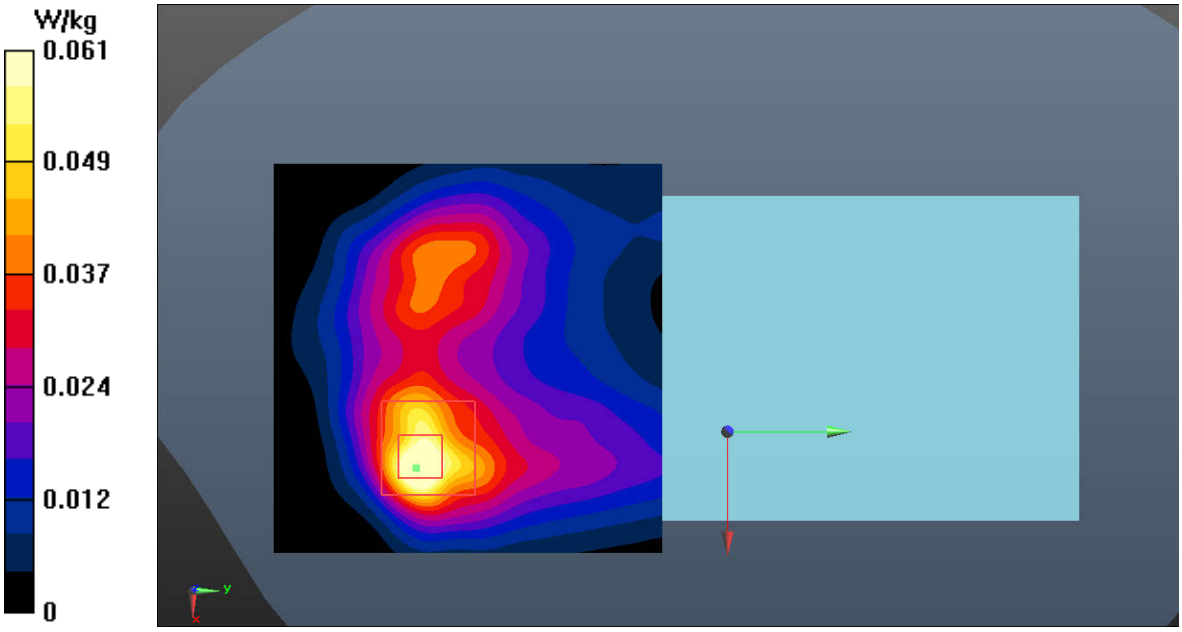


Fig.44 Bluetooth Body

WLAN 2.4GHz Head
Date: 2022-11-1
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.821 S/m; ε_r = 38.118; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN (0) Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Left Cheek Ch.6/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Left Cheek Ch.6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.944 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.910 W/kg

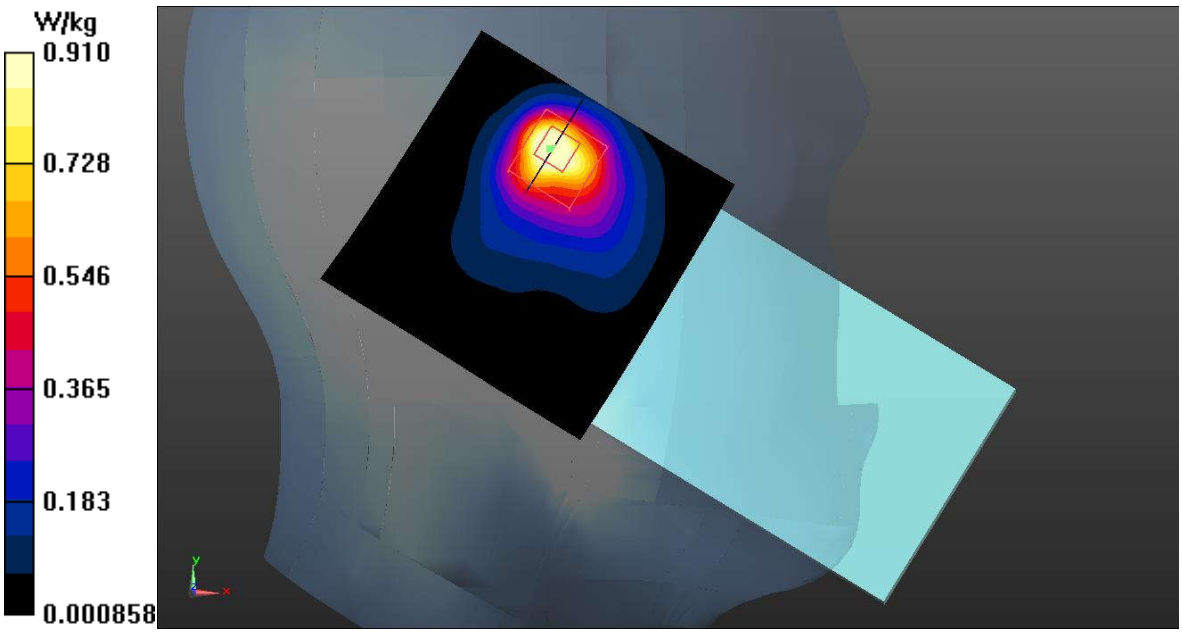


Fig.45 WLAN 2.4GHz Head

WLAN 2.4GHz Body
Date: 2022-11-1
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.821 S/m; ε_r = 38.118; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN (0) Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Ch.6/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Rear Side Ch.6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.944 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.158 W/kg
Maximum value of SAR (measured) = 0.476 W/kg

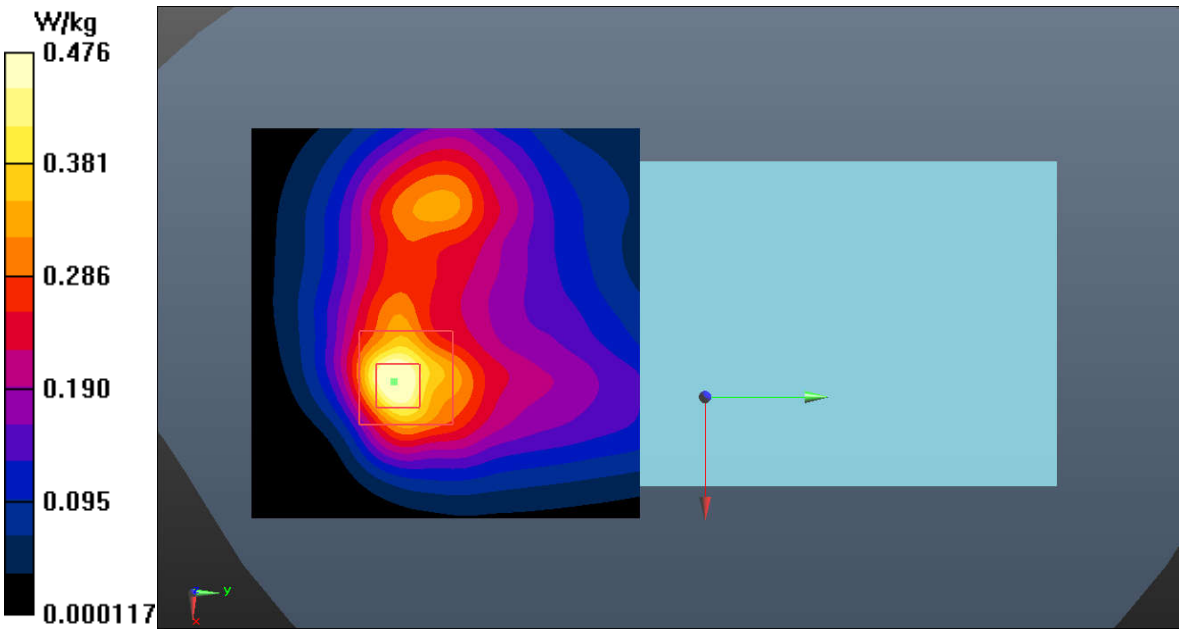


Fig.46 WLAN 2.4GHz Body

WLAN 5GHz Head
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5250MHz
Medium parameters used: f = 5320 MHz; σ = 4.9 S/m; ε_r = 34.944; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN 5G (0) Frequency: 5320 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.98, 5.98, 5.98)

Left Cheek Ch.64/Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Left Cheek Ch.64/Zoom Scan (8x8x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.4220 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.804 W/kg

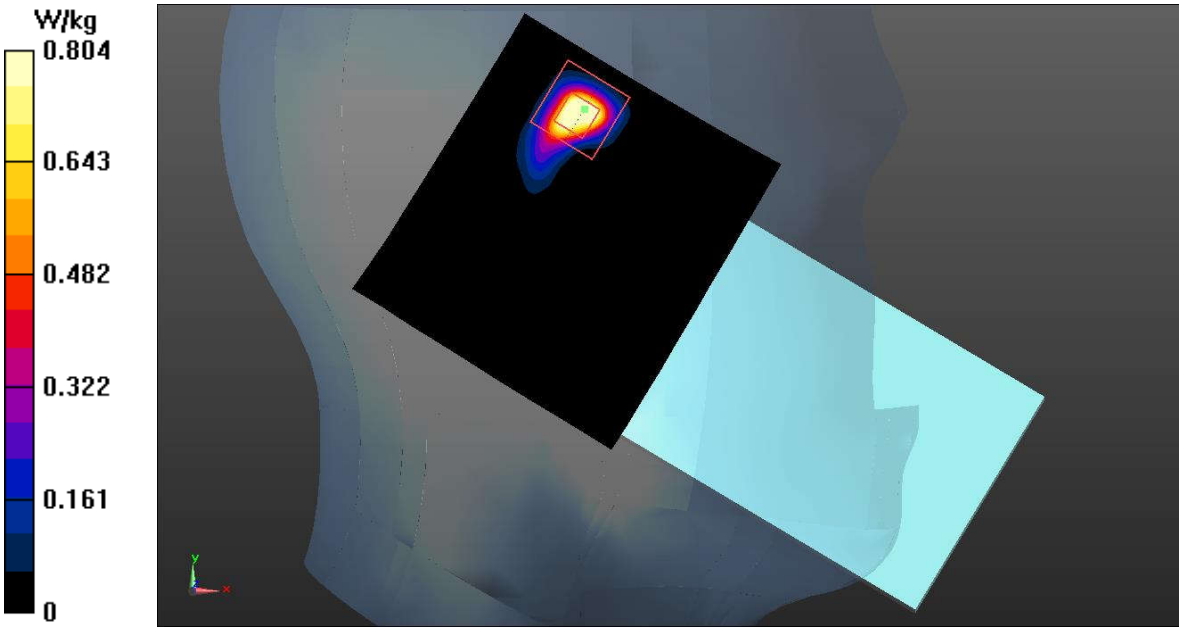


Fig.47 WLAN 5GHz Head

WLAN 5GHz Body
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5250MHz
Medium parameters used: f = 5220 MHz; σ = 4.765 S/m; ε_r = 35.214; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN 5G (0) Frequency: 5220 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.98, 5.98, 5.98)

Rear Side Ch.44/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Rear Side Ch.44/Zoom Scan (8x8x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.2130 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 1.36 W/kg

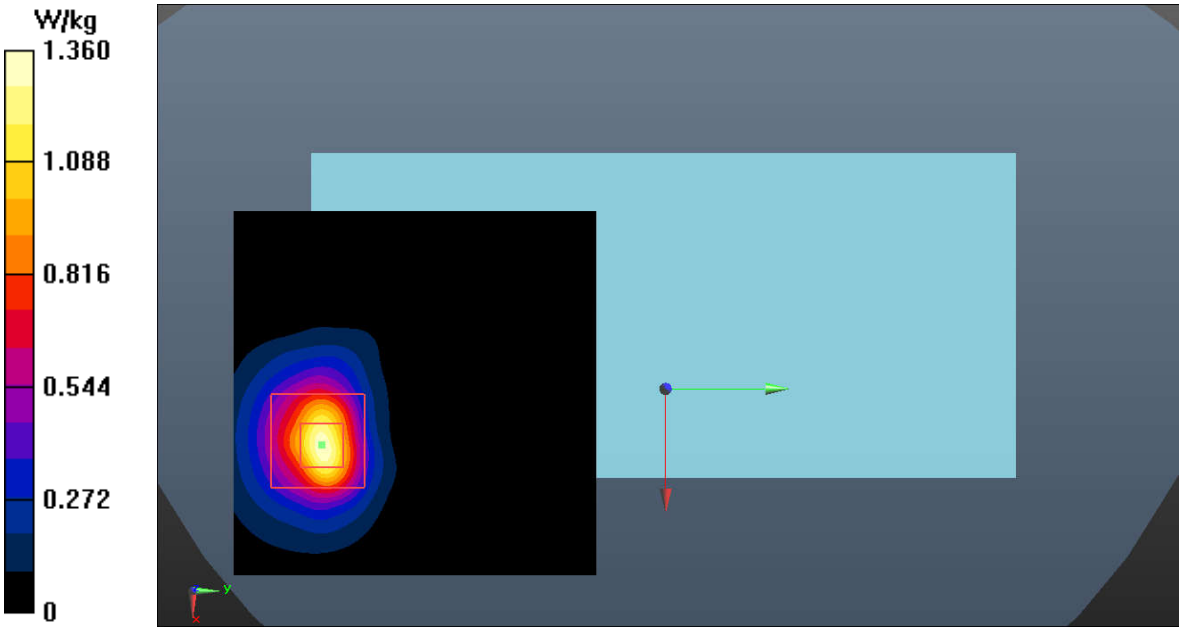


Fig.48 WLAN 5GHz Body

WLAN 5GHz Extremity
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5250MHz
Medium parameters used: f = 5320 MHz; σ = 4.9 S/m; ε_r = 34.944; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN 5G (0) Frequency: 5320 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.98, 5.98, 5.98)

Rear Side Ch.54/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.63 W/kg

Rear Side Ch.54/Zoom Scan (8x8x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.1580 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 3.69 W/kg; SAR(10 g) = 0.920 W/kg
Maximum value of SAR (measured) = 8.33 W/kg

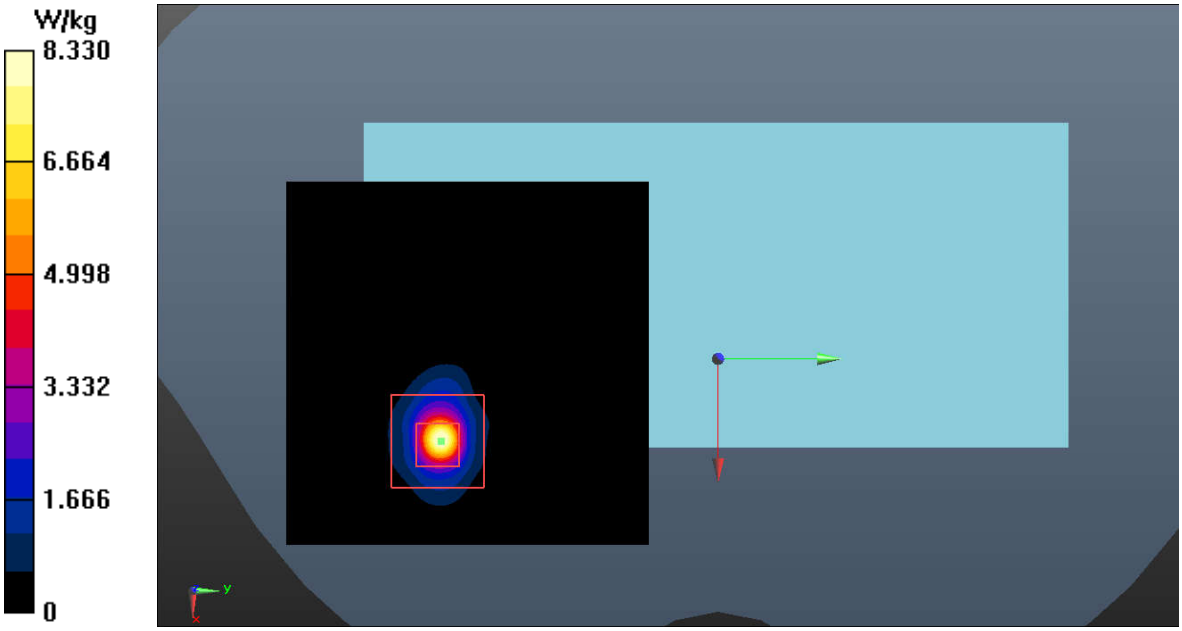


Fig.49 WLAN 5GHz Extremity

ANNEX B: SystemVerification Results

750MHz

Date: 2022-10-18

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: f = 750 MHz; σ = 0.884 S/m; ε_r = 42.858; ρ = 1000 kg/m^3

Communication System: CW_TMC Frequency: 750 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

System Validation/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 59.758 V/m; Power Drift = -0.06 dB

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (interpolated) = 2.75 W/kg

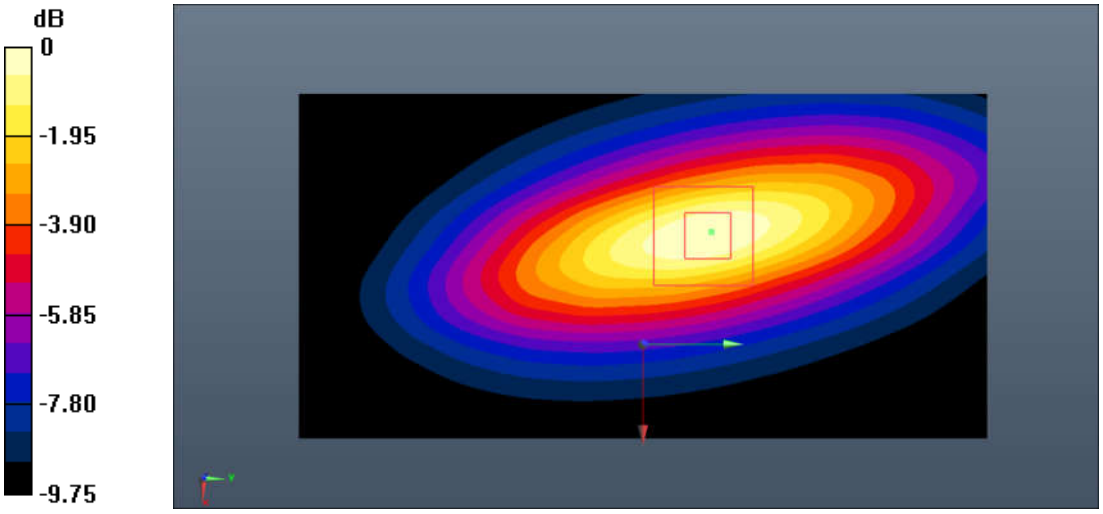
System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.758 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.39 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



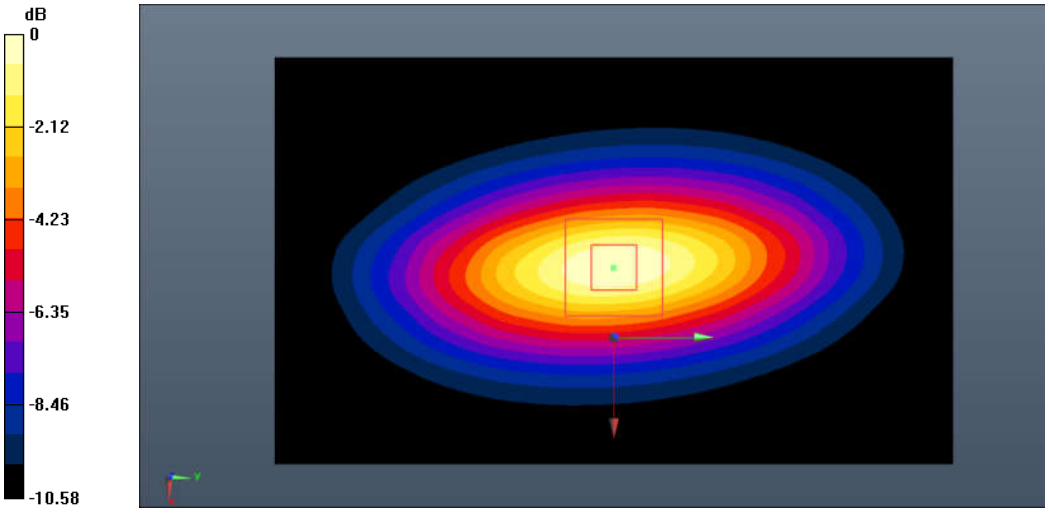
0 dB = 2.71 W/kg = 4.33 dB W/kg

Fig.B.1. Validation 750MHz 250mW

835MHz
Date: 2022-10-25
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used: f = 835 MHz; σ = 0.913 S/m; εr = 40.711; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 835 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

System Validation/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 63.549 V/m; Power Drift = 0.03 dB
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (interpolated) = 3.63 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.549 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.60 W/kg
Maximum value of SAR (measured) = 3.66 W/kg



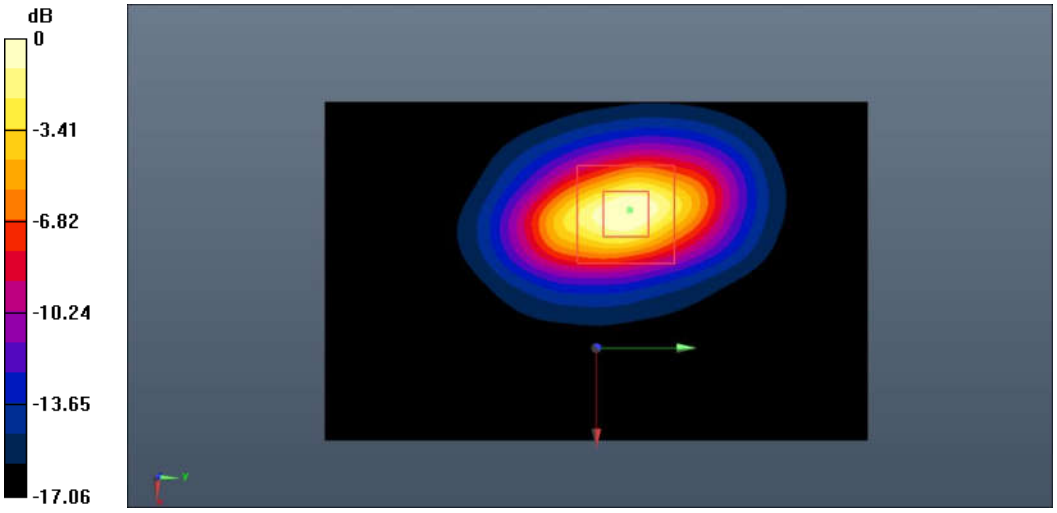
0 dB = 3.66 W/kg = 5.63 dB W/kg

Fig.B.2. Validation 835MHz 250mW

1750MHz
Date: 2022-11-11
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1750 MHz; σ = 1.363 S/m; ε_r = 40.569; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 1750 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

System Validation/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 78.862 V/m; Power Drift = -0.02 dB
SAR(1 g) = 8.98 W/kg; SAR(10 g) = 4.92 W/kg
Maximum value of SAR (interpolated) = 11.1 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 78.862 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 20.8 W/kg
SAR(1 g) = 8.80 W/kg; SAR(10 g) = 4.84 W/kg
Maximum value of SAR (measured) = 10.8 W/kg



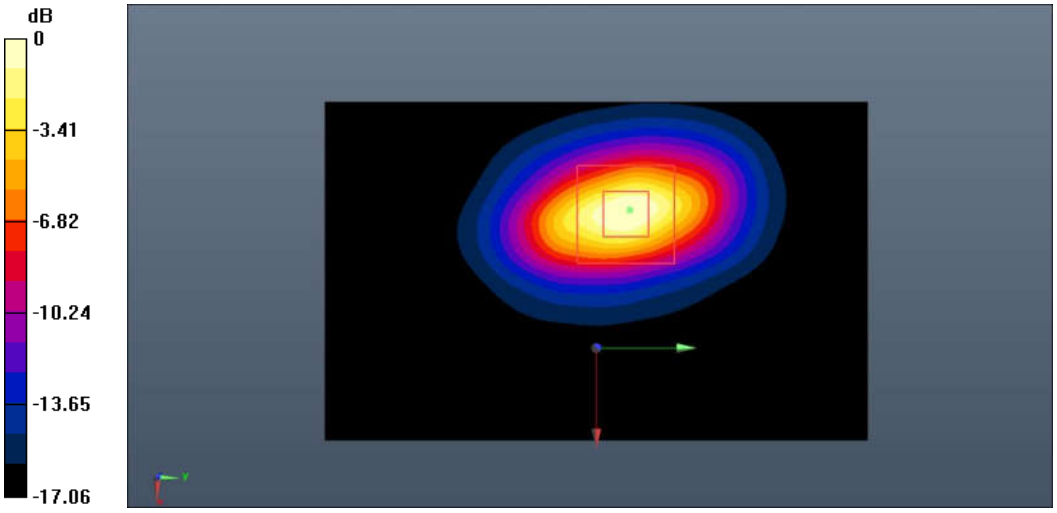
0 dB = 10.8 W/kg = 10.33 dB W/kg

Fig.B.3. Validation 1750MHz 250mW

1750MHz
Date: 2022-11-14
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1750 MHz; σ = 1.382 S/m; ε_r = 39.544; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 1750 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

System Validation/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 80.115 V/m; Power Drift = 0.06 dB
SAR(1 g) = 9.18 W/kg; SAR(10 g) = 4.94 W/kg
Maximum value of SAR (interpolated) = 11.2 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 80.115 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 22.3 W/kg
SAR(1 g) = 9.37 W/kg; SAR(10 g) = 4.99 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



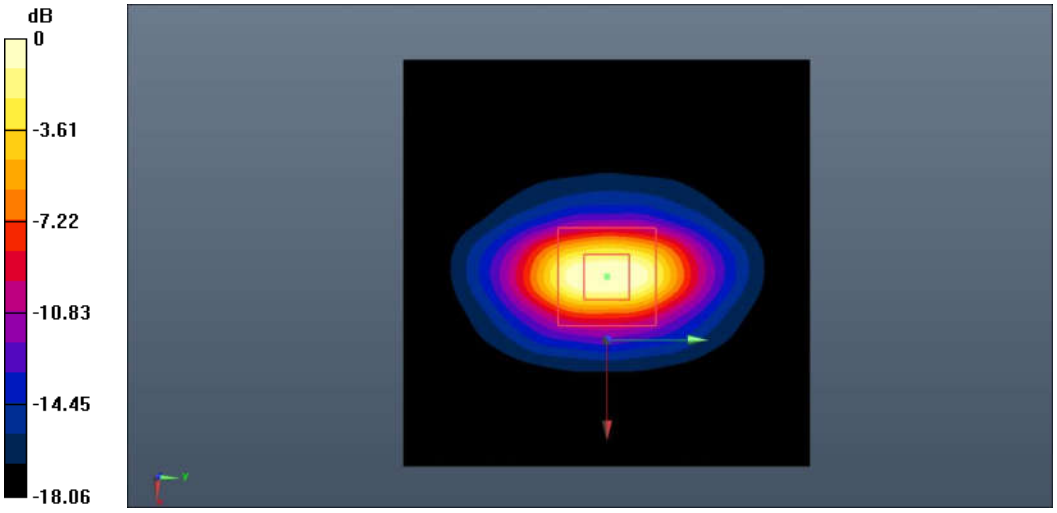
0 dB = 11.4 W/kg = 10.33 dB W/kg

Fig.B.4. Validation 1750MHz 250mW

1900MHz
Date: 2022-11-16
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 39.233; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

System Validation/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 83.456 V/m; Power Drift = 0.06 dB
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.17 W/kg
Maximum value of SAR (interpolated) = 12.2 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.456 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 25.2 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.26 W/kg
Maximum value of SAR (measured) = 12.4 W/kg



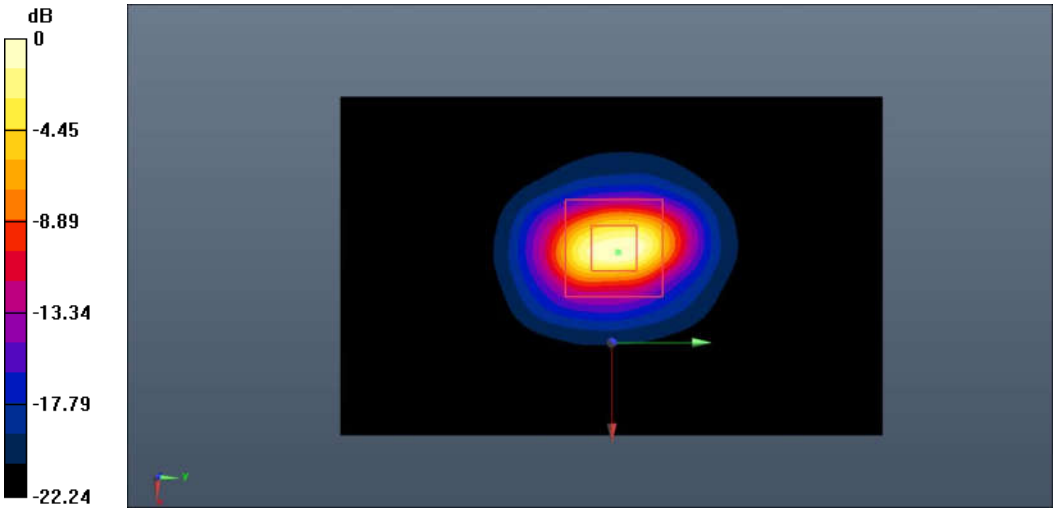
0 dB = 12.4 W/kg = 10.93 dB W/kg

Fig.B.5. Validation 1900MHz 250mW

2450MHz
Date: 2022-11-1
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2450 MHz; σ = 1.836 S/m; ε_r = 38.075; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 2450 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

System Validation/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 91.785 V/m; Power Drift = 0.12 dB
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.07 W/kg
Maximum value of SAR (interpolated) = 15.4 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.785 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 36.6 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.18 W/kg
Maximum value of SAR (measured) = 15.8 W/kg



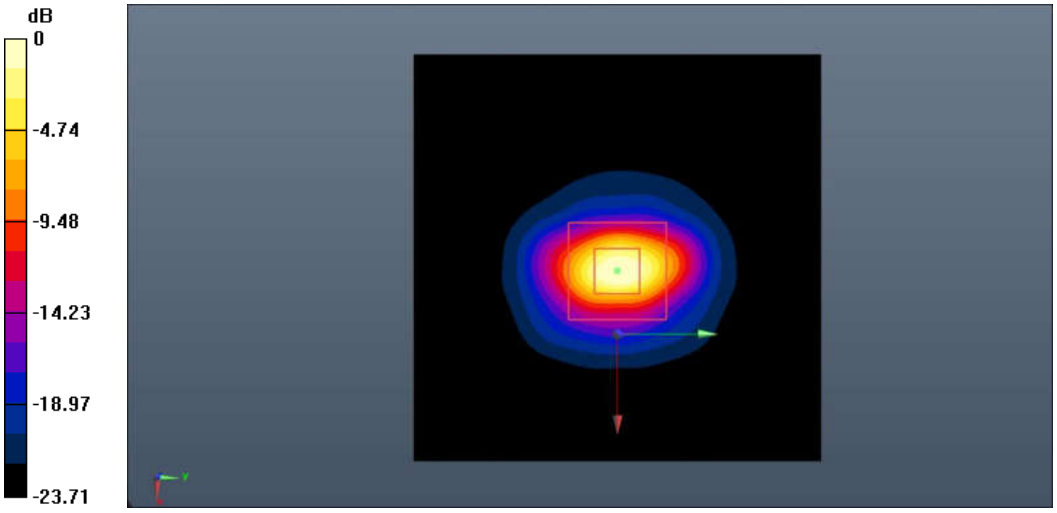
0 dB = 15.8 W/kg = 11.99 dB W/kg

Fig.B.6. Validation 2450MHz 250mW

2550MHz
Date: 2022-10-19
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2550 MHz; σ = 1.947 S/m; ε_r = 37.951; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 2550 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

System Validation/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 94.832 V/m; Power Drift = 0.07 dB
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.35 W/kg
Maximum value of SAR (interpolated) = 16.2 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.832 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 38.2 W/kg
SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.47 W/kg
Maximum value of SAR (measured) = 16.5 W/kg



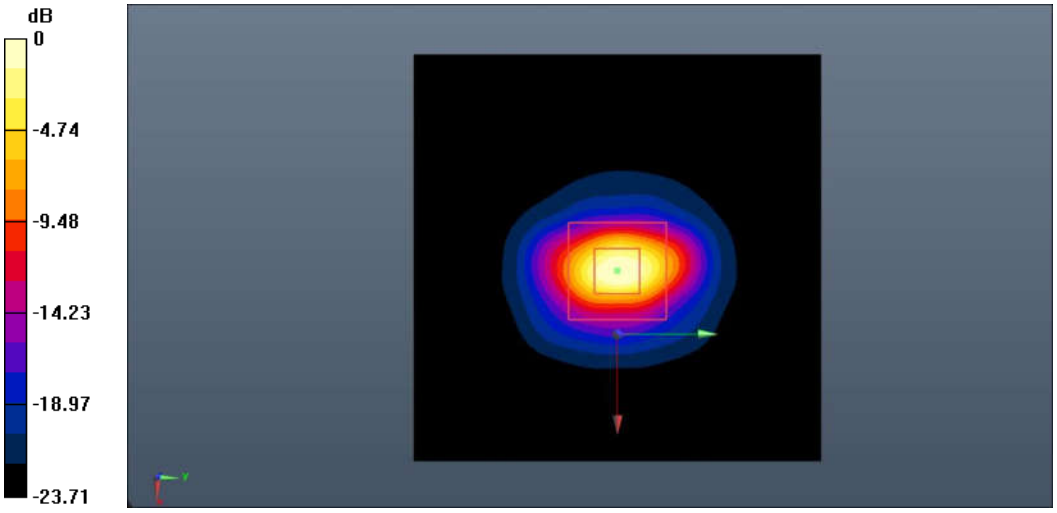
0 dB = 16.5 W/kg = 12.17 dB W/kg

Fig.B.7. Validation 2550MHz 250mW

2550MHz
Date: 2022-11-21
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2550 MHz; σ = 1.954 S/m; ε_r = 38.158; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 2550 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

System Validation/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 93.842 V/m; Power Drift = 0.07 dB
SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.31 W/kg
Maximum value of SAR (interpolated) = 16.0 W/kg

System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.842 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 36.9 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.40 W/kg
Maximum value of SAR (measured) = 16.3 W/kg



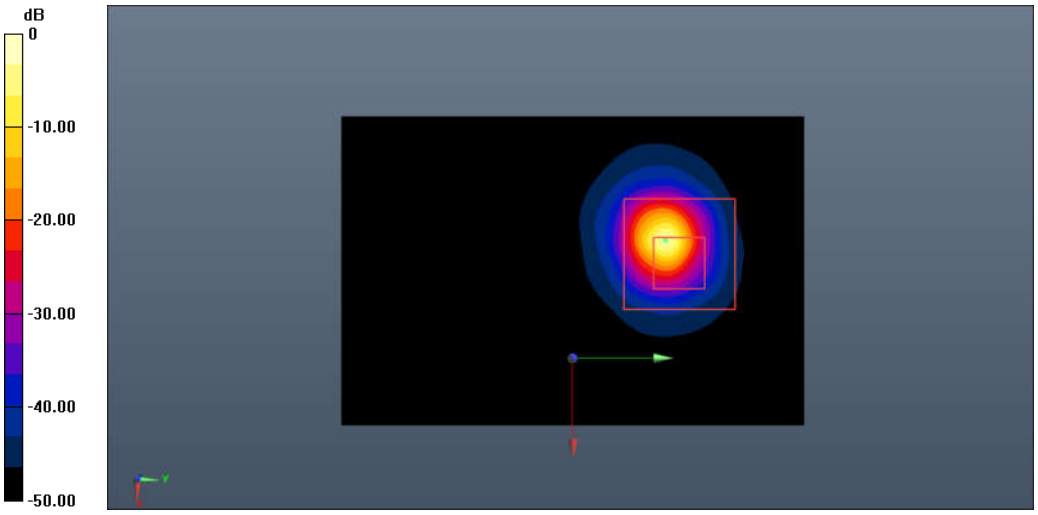
0 dB = 16.3 W/kg = 12.12 dB W/kg

Fig.B.8. Validation 2550MHz 250mW

5250MHz
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5250MHz
Medium parameters used: f = 5250 MHz; σ = 4.805 S/m; ε_r = 35.133; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 5250 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.98, 5.98, 5.98)

System Validation/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 68.754 V/m; Power Drift = 0.10 dB
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (interpolated) = 10.1 W/kg

System Validation/Zoom Scan (8x8x21)/Cube0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.754 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 26.2 W/kg
SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 10.3 W/kg



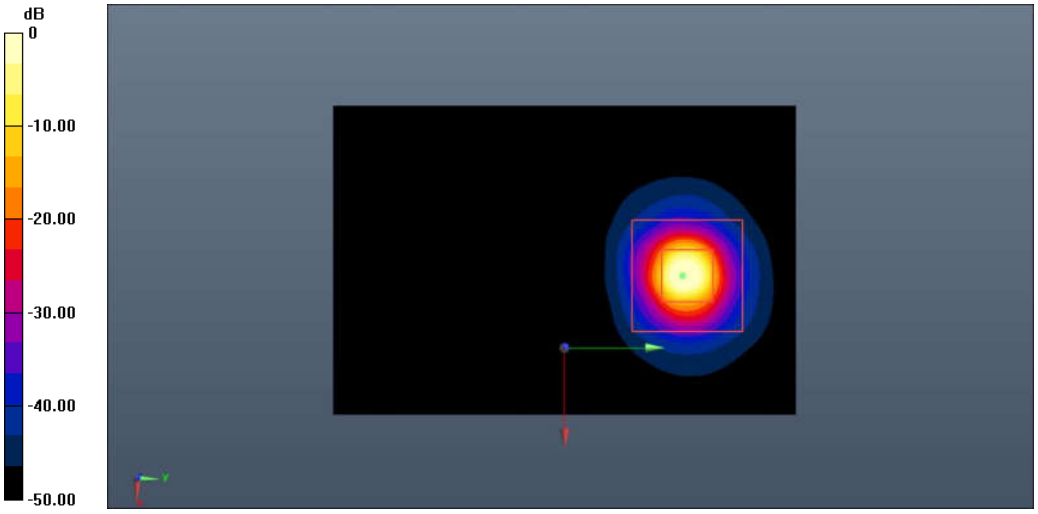
0 dB = 10.3 W/kg = 10.13 dB W/kg

Fig.B.9. Validation 5250MHz 100mW

5600MHz
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5600MHz
Medium parameters used: f = 5600 MHz; σ = 5.018 S/m; ε_r = 36.024; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 5600 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.47, 5.47, 5.47)

System Validation/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 64.558 V/m; Power Drift = -0.04 dB
SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (interpolated) = 10.0 W/kg

System Validation/Zoom Scan (8x8x21)/Cube0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.558 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 24.7 W/kg
SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (measured) = 9.91 W/kg



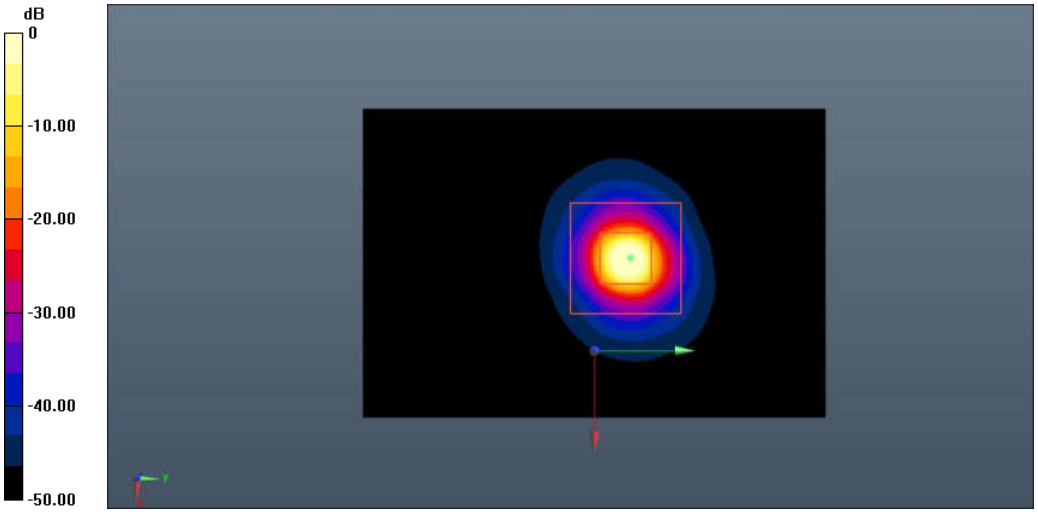
0 dB = 9.91 W/kg = 9.96 dB W/kg

Fig.B.10. Validation 5600MHz 100mW

5750MHz
Date: 2022-11-3
Electronics: DAE4 Sn1527
Medium: Head 5750MHz
Medium parameters used: f = 5750 MHz; σ = 5.142 S/m; ε_r = 36.236; ρ = 1000 kg/m^3
Communication System: CW_TMC Frequency: 5750 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.40, 5.40, 5.40)

System Validation/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 63.399 V/m; Power Drift = -0.01 dB
SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (interpolated) = 9.92 W/kg

System Validation/Zoom Scan (8x8x21)/Cube0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 63.399 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 23.9 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 9.87 W/kg



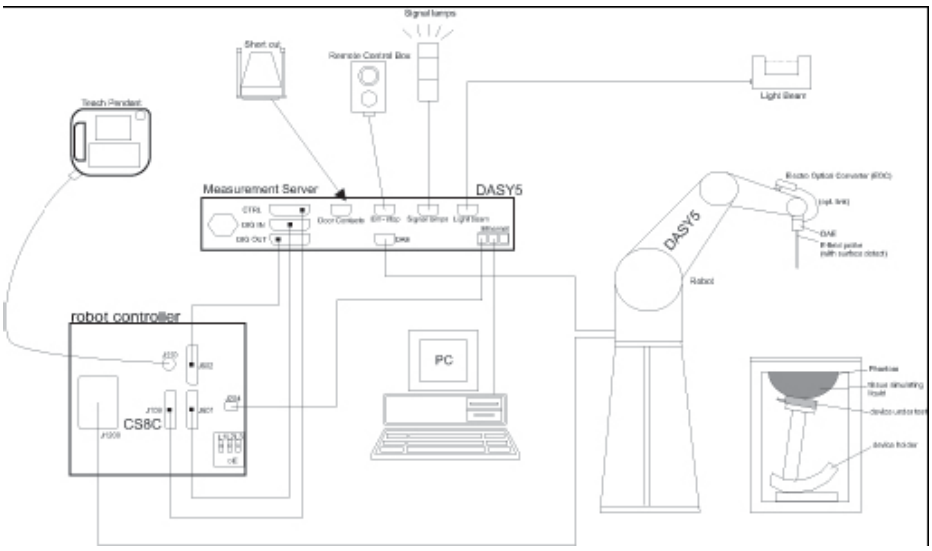
0 dB = 9.87 W/kg = 9.94 dB W/kg

Fig.B.11. Validation 5750MHz 100mW

ANNEX C: SAR Measurement Setup

C.1. Measurement Set-up

DASY5 system for performing compliance tests is illustrated above graphically. This system consists of the following items:



Picture C.1 SAR Lab Test Measurement Set-up

- A standard high precision 6-axis robot (Stäubli TX=RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running WinXP and the DASY5 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as
- warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

C.2. DASY5 E-field Probe System

The SAR measurements were conducted with the dosimetric probe designed in the classical triangular configuration and optimized for dosimetric evaluation. The probe is constructed using the thick film technique; with printed resistive lines on ceramic substrates. The probe is equipped with an optical multifiber line ending at the front of the probe tip. It is connected to the EOC box on the robot arm and provides an automatic detection of the phantom surface. Half of the fibers are connected to a pulsed infrared transmitter, the other half to a synchronized receiver. As the probe approaches the surface, the reflection from the surface produces a coupling from the transmitting to the receiving fibers. This reflection increases first during the approach, reaches maximum and then decreases. If the probe is flatly touching the surface, the coupling is zero. The distance of the coupling maximum to the surface is independent of the surface reflectivity and largely independent of the surface to probe angle. The DASY5 software reads the reflection durning a software approach and looks for the maximum using 2ndord curve fitting. The approach is stopped at reaching the maximum.

Probe Specifications:

Model:	**ES3DV3, EX3DV4**
Frequency	**10MHz — 6.0GHz(EX3DV4)**
Range:	**10MHz — 4GHz(ES3DV3)**
Calibration:	**In head and body simulating tissue at Frequencies from 835 up to 5800MHz**
Linearity:	**± 0.2 dB(30 MHz to 6 GHz) for EX3DV4**
	± 0.2 dB(30 MHz to 4 GHz) for ES3DV3
Dynamic Range:	**10 mW/kg — 100W/kg**
Probe Length:	**330 mm**
Probe Tip Length:	**20 mm**
Body Diameter:	**12 mm**
Tip Diameter:	**2.5 mm (3.9 mm for ES3DV3)**
Tip-Center:	**1 mm (2.0mm for ES3DV3)**
Application:	**SAR Dosimetry Testing**
	Compliance tests of mobile phones
	Dosimetry in strong gradient fields

Picture C.2 Near-field Probe

Picture C.3 E-field Probe

C.3. E-field Probe Calibration

Each E-Probe/Probe Amplifier combination has unique calibration parameters. A TEM cell calibration procedure is conducted to determine the proper amplifier settings to enter in the probe parameters. The amplifier settings are determined for a given frequency by subjecting the probe to a known E-field density (1 mW/cm^2) using an RF Signal generator, TEM cell, and RF Power Meter.

The free space E-field from amplified probe outputs is determined in a test chamber. This calibration can be performed in a TEM cell if the frequency is below 1 GHz and inn a waveguide or other methodologies above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is then rotated 360 degrees until the three channels show the maximum reading. The power density readings equates to 1 mW/ cm^2.

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated brain tissue. The E-field in the medium correlates with the temperature rise in the dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$SAR = C\frac{\Delta T}{\Delta t}$$

Where:

Δt = Exposure time (30 seconds),

C = Heat capacity of tissue (brain or muscle),

ΔT = Temperature increase due to RF exposure.

$$SAR = \frac{|E|^2 \cdot \sigma}{\rho}$$

Where:

σ = Simulated tissue conductivity,

ρ = Tissue density (kg/m^3).

C.4. Other Test Equipment

C.4.1. Data Acquisition Electronics (DAE)

The data acquisition electronics consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.

The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection.

The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

PictureC.4: DAE

C.4.2. Robot

The SPEAG DASY system uses the high precision robots (DASY5: RX160L) type from Stäubli SA (France). For the 6-axis controller system, the robot controller version from Stäubli is used. The Stäubli robot series have many features that are important for our application:

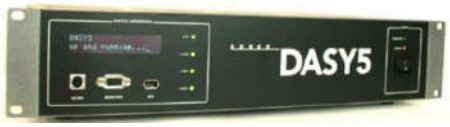
- High precision (repeatability 0.02mm)
- High reliability (industrial design)
- Low maintenance costs (virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements (brushless synchron motors; no stepper motors)
- Low ELF interference (motor control fields shielded via the closed metallic construction shields)

Picture C.5 DASY 5

C.4.3. Measurement Server

The Measurement server is based on a PC/104 CPU broad with CPU (DASY5: 400 MHz, Intel Celeron), chipdisk (DASY5:128MB), RAM (DASY5:128MB). The necessary circuits for communication with the DAE electronic box, as well as the 16 bit AD converter system for optical detection and digital I/O interface are contained on the DASY I/O broad, which is directly connected to the PC/104 bus of the CPU broad.

The measurement server performs all real-time data evaluation of field measurements and surface detection, controls robot movements and handles safety operation. The PC operating system cannot interfere with these time critical processes. All connections are supervised by a watchdog, and disconnection of any of the cables to the measurement server will automatically disarm the robot and disable all program-controlled robot movements. Furthermore, the measurement server is equipped with an expansion port which is reserved for future applications. Please note that this expansion port does not have a standardized pinout, and therefore only devices provided by SPEAG can be connected. Devices from any other supplier could seriously damage the measurement server.



Picture C.6 Server for DASY 5

C.4.4. Device Holder for Phantom

The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5mm distance, a positioning uncertainty of ±0.5mm would produce a SAR uncertainty of ±20%. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.

The DASY device holder is designed to cope with the different positions given in the standard. It has two scales for device rotation (with respect to the body axis) and device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.

The DASY device holder is constructed of low-loss

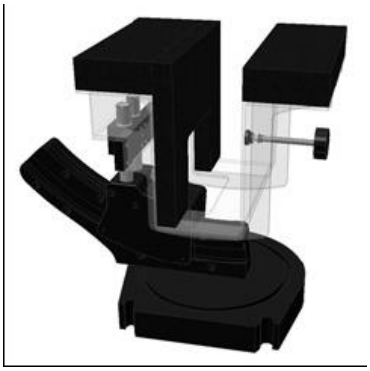
POM material having the following dielectric

parameters: relative permittivity ε =3 and loss tangent δ =0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

<Laptop Extension Kit>

The extension is lightweight and made of POM, acrylic glass and foam. It fits easily on the upper part of the Mounting Device in place of the phone positioner. The extension is fully compatible with the Twin-SAM and ELI phantoms.

Picture C.7-1: Device Holder



Picture C.7-2: Laptop Extension Kit

C.4.5. Phantom

The SAM Twin Phantom V4.0 is constructed of a fiberglass shell integrated in a table. The shape of the shell is based on data from an anatomical study designed to

Represent the 90th percentile of the population. The phantom enables the dissymmetric evaluation of SAR for both left and right handed handset usage, as well as body-worn usage using the flat phantom region. Reference markings on the Phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points in the robot. The shell phantom has a 2mm shell thickness (except the ear region where shell thickness increases to 6 mm).

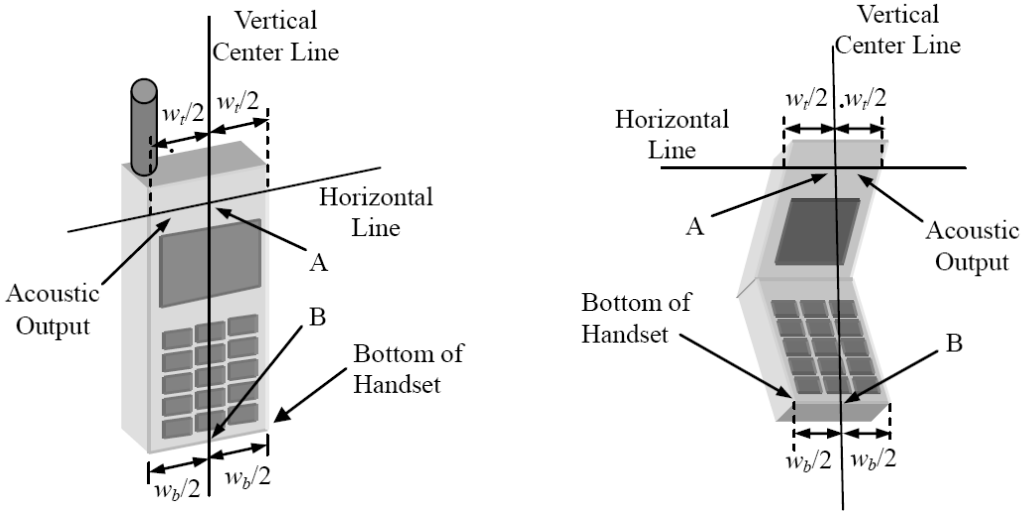
Shell Thickness:	2 ± 0. 2 mm
Filling Volume:	Approx. 25 liters
Dimensions:	810 x l000 x 500 mm (H x L x W)
Available:	Special

Picture C.8: SAM Twin Phantom

ANNEX D: Position of the wireless device in relation to the phantom

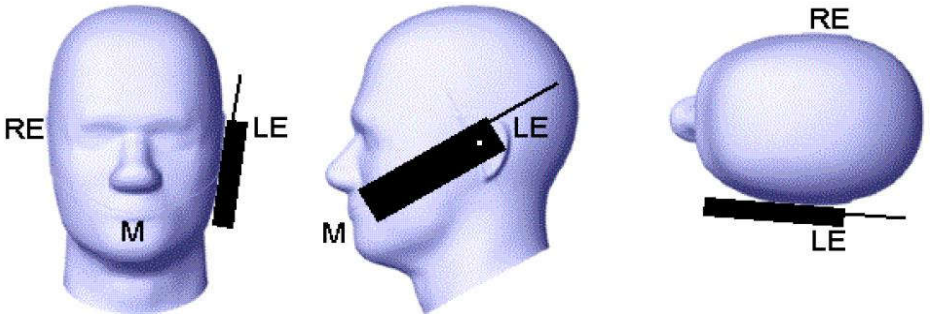
D.1. General considerations

This standard specifies two handset test positions against the head phantom – the “cheek” position and the “tilt” position.

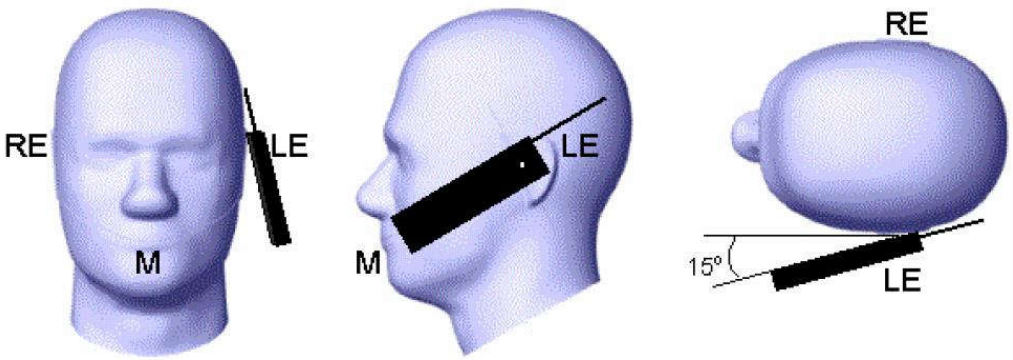


w_t	Width of the handset at the level of the acoustic
w_b	Width of the bottom of the handset
A	Midpoint of the width w_t of the handset at the level of the acoustic output
B	Midpoint of the width w_b of the bottom of the handset

Picture D.1-a Typical “fixed” case handset **Picture D.1-b Typical “clam-shell” case handset**



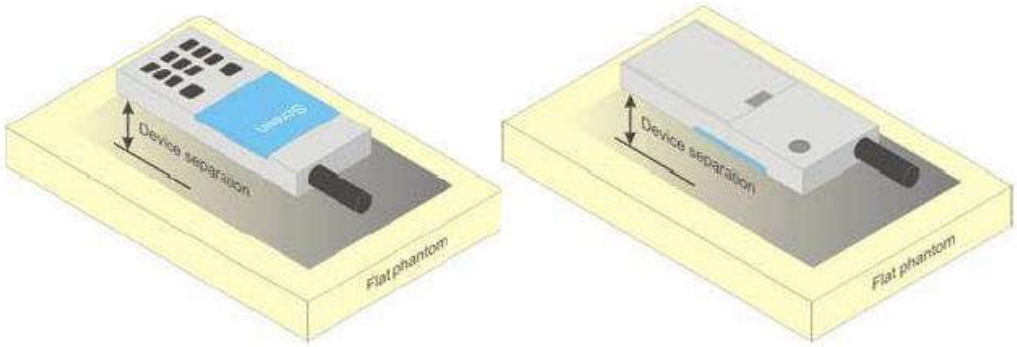
Picture D.2 Cheek position of the wireless device on the left side of SAM



Picture D.3 Tilt position of the wireless device on the left side of SAM

D.2. Body-worn device

A typical example of a body-worn device is a mobile phone, wireless enabled PDA or other battery operated wireless device with the ability to transmit while mounted on a person's body using a carry accessory approved by the wireless device manufacturer.

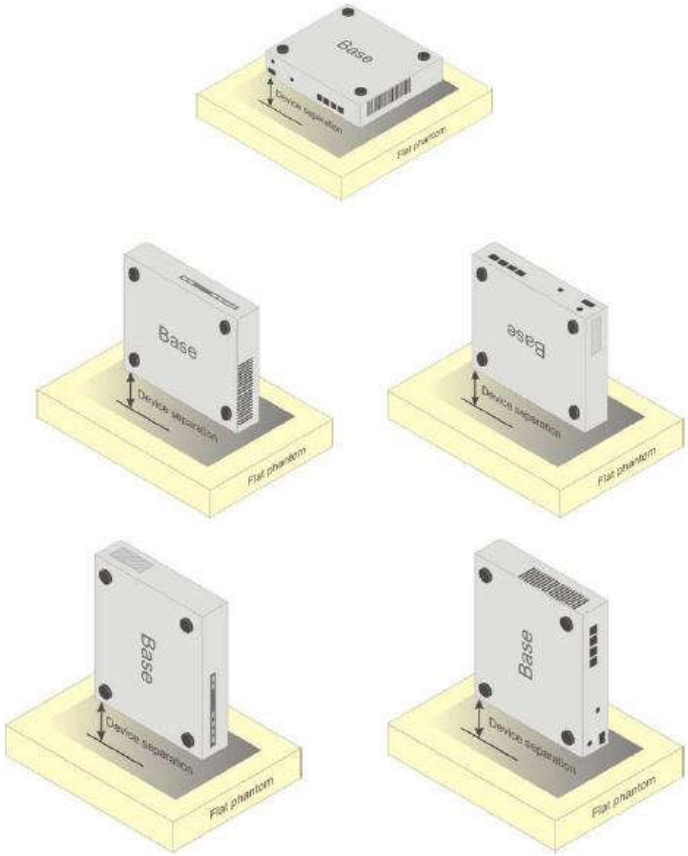


Picture D.4 Test positions for body-worn devices

D.3. Desktop device

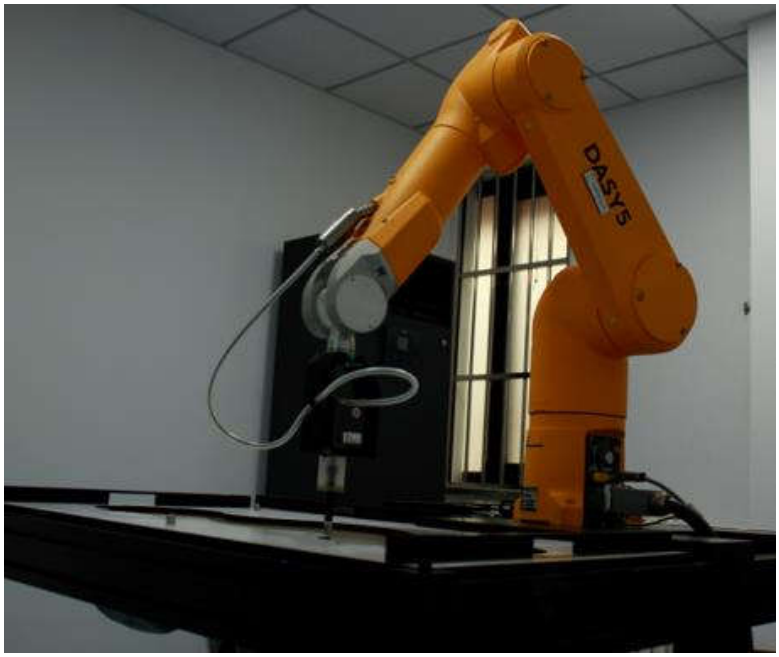
A typical example of a desktop device is a wireless enabled desktop computer placed on a table or desk when used.

The DUT shall be positioned at the distance and in the orientation to the phantom that corresponds to the intended use as specified by the manufacturer in the user instructions. For devices that employ an external antenna with variable positions, tests shall be performed for all antenna positions specified. Picture 8.5 show positions for desktop device SAR tests. If the intended use is not specified, the device shall be tested directly against the flat phantom.



Picture D.5 Test positions for desktop devices

D.4. DUT Setup Photos



Picture D.6

ANNEX E: Equivalent Media Recipes

The liquid used for the frequency range of 700-6000 MHz consisted of water, sugar, salt, preventol, glycol monobutyl and Cellulose. The liquid has been previously proven to be suited for worst-case. The Table E.1 shows the detail solution. It's satisfying the latest tissue dielectric parameters requirements proposed by the IEEE 1528 and IEC 62209.

Table E.1: Composition of the Tissue Equivalent Matter

Frequency (MHz)	835	1750	1900	2450	2600	5200	5800
Water	41.45	55.242	55.242	58.79	58.79	65.53	66.10
Sugar	56.0	/	/	/	/	/	/
Salt	1.45	0.306	0.306	0.06	0.06		
Preventol	0.1	/	/	/	/	17.24	16.95
Cellulose	1.0	/	/	/	/	17.24	16.95
Glycol Monobutyl	/	44.452	44.452	41.15	41.15	/	/
Diethylenglycol monohexylether	/	/	/	/	/	/	/
Triton X-100	/	/	/	/	/	/	/
Dielectric Parameters Target Value	ε=41.5 σ=0.90	ε=40.08 σ=1.37	ε=40.0 σ=1.40	ε=39.20 σ=1.80	ε=39.01 σ=1.96	ε=35.99 σ=4.66	ε=35.30 σ=5.27

Note: There is a little adjustment respectively for 750, 5300 and 5600, based on the recipe of closest frequency in table E.1

ANNEX F: System Validation

The SAR system must be validated against its performance specifications before it is deployed. When SAR probes, system components or software are changed, upgraded or recalibrated, these must be validated with the SAR system(s) that operates with such components.

Table F.1: System Validation

Probe SN.	Liquid name (MHz)	Validation date	Frequency point	CW Validation	Modulation Signal Validation		
					Modulation Type	Duty Factor	PAR
7621	Head 750	2022-05-09	750MHz	Pass	N/A	N/A	N/A
7621	Head 835	2022-05-09	835MHz	Pass	GMSK	Pass	N/A
7621	Head 1750	2022-05-09	1750MHz	Pass	N/A	N/A	N/A
7621	Head 1900	2022-05-09	1900MHz	Pass	GMSK	Pass	N/A
7621	Head 2450	2022-05-08	2450MHz	Pass	OFDM/TDD	Pass	Pass
7621	Head 2550	2022-05-08	2550MHz	Pass	TDD	Pass	N/A
7621	Head 3500	2022-05-10	3500MHz	Pass	TDD	Pass	N/A
7621	Head 3700	2022-05-10	3700MHz	Pass	TDD	Pass	N/A
7621	Head 3900	2022-05-10	3900MHz	Pass	TDD	Pass	N/A
7621	Head 5250	2022-05-08	5250MHz	Pass	OFDM	N/A	Pass
7621	Head 5600	2022-05-08	5600MHz	Pass	OFDM	N/A	Pass
7621	Head 5750	2022-05-08	5750MHz	Pass	OFDM	N/A	Pass

ANNEX G: DAE Calibration Certificate

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client: Saict-SZ (Auden)

Certificate No: DAE4-1527_Jun22

CALIBRATION CERTIFICATE

Object	DAE4 - SD 000 D04 BM - SN: 1527
Calibration procedure(s)	QA CAL-06.v30 Calibration procedure for the data acquisition electronics (DAE)
Calibration date:	June 21, 2022

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	31-Aug-21 (No:31368)	Aug-22
Secondary Standards	**ID #**	**Check Date (in house)**	**Scheduled Check**
Auto DAE Calibration Unit	SE UWS 053 AA 1001	24-Jan-22 (in house check)	In house check: Jan-23
Calibrator Box V2.1	SE UMS 006 AA 1002	24-Jan-22 (in house check)	In house check: Jan-23

	Name	Function	Signature
Calibrated by:	Adrian Gehring	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: June 21, 2022

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: DAE4-1527_Jun22 Page 1 of 5

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
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Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- *DC Voltage Measurement:* Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle*: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
  - *DC Voltage Measurement Linearity:* Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
  - *Common mode sensitivity:* Influence of a positive or negative common mode voltage on the differential measurement.
  - *Channel separation:* Influence of a voltage on the neighbor channels not subject to an input voltage.
  - *AD Converter Values with inputs shorted:* Values on the internal AD converter corresponding to zero input voltage
  - *Input Offset Measurement*: Output voltage and statistical results over a large number of zero voltage measurements.
  - *Input Offset Current:* Typical value for information; Maximum channel input offset current, not considering the input resistance.
  - *Input resistance:* Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
  - *Low Battery Alarm Voltage:* Typical value for information. Below this voltage, a battery alarm signal is generated.
  - *Power consumption:* Typical value for information. Supply currents in various operating modes.