

APPENDIX I: SUPPLEMENTAL DATA 0MM TEST

I.1 Introduction

I.1.1 Objective

This appendix documents the complete SAR measurements performed at a 0 mm separation distance. These measurements were conducted using the same FCC SAR measurement methodology applied for a standard FCC SAR compliance evaluation.

The resulting 0 mm SAR dataset establishes the technical basis for identifying worst-case operating conditions and selecting the operating configurations requiring formal FCC SAR compliance evaluation at the applicable separation distances.

Consistent with the FCC OET response documented in KDB Inquiry No. 332459, the 0 mm SAR dataset supports configuration screening for the subsequent FCC SAR compliance evaluation using the approved test reduction methodology. The measurements documented in this appendix are therefore provided as supporting technical reference data and are not intended, by themselves, to demonstrate final FCC SAR compliance.

I.1.2 Regulatory Background

The final FCC SAR compliance evaluation is documented separately in the associated FCC RF Exposure Compliance Report, Serial No. 1M2603250028-04.

Except for the evaluation separation distance, the SAR measurements documented in this appendix are technically equivalent to those performed for the associated FCC SAR compliance evaluation. The same SAR measurement system, equipment, software, measurement procedures, tissue dielectric parameters, system verification requirements, quality controls, measurement uncertainty evaluation, and reporting methodology were applied throughout both evaluations.

Accordingly, all conducted output power measurements, SAR measurement procedures, system verification, tissue dielectric verification, measurement uncertainty, and quality assurance requirements are identical to those applied for the associated FCC SAR compliance evaluation unless otherwise specified in this appendix.

This appendix supplements the associated FCC RF Exposure Compliance Report by documenting only the additional 0 mm SAR measurements used to establish the reference dataset for configuration screening under the FCC OET response documented in KDB Inquiry No. 332459.

I.1.3 Test Methodology

The SAR measurement methodology described in the associated FCC RF Exposure Compliance Report applies equally to the measurements documented in this appendix.

Unless otherwise specified, all measurement procedures, equipment, software, system verification, tissue dielectric verification, quality controls, and reporting methodology are identical to those used for the associated FCC SAR compliance evaluation.

All measurements documented in this appendix were performed at a 0 mm separation distance, which is the only intentional difference from the associated FCC SAR compliance evaluation.

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To avoid unnecessary duplication, supporting measurement records and technical evidence common to both evaluations have been omitted from this appendix and remain available as part of the complete FCC compliance documentation upon request.

I.2 Nominal and Maximum Output Power Specifications

This device operates using the following maximum and nominal output power specifications. SAR values were scaled to the maximum allowed power to determine compliance per KDB Publication 447498 D04v01.

UMTS Band 5 (850 MHz)					
Antenna 2					
Power Level		Modulated Average Output Power (in dBm)			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 3	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 4	Max Allowed Power	17.2	17.2	17.2	17.2
	Nominal	16.2	16.2	16.2	16.2
UMTS Band 4 (1750 MHz)					
Antenna 6					
Power Level		Modulated Average Output Power (in dBm)			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 3	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 4	Max Allowed Power	14.2	14.2	14.2	14.2
	Nominal	13.2	13.2	13.2	13.2
UMTS Band 2 (1900 MHz)					
Antenna 6					
Power Level		Modulated Average Output Power (in dBm)			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 3	Max Allowed Power	25.0	25.0	25.0	25.0
	Nominal	24.0	24.0	24.0	24.0
DSI = 4	Max Allowed Power	13.5	13.5	13.5	13.5
	Nominal	12.5	12.5	12.5	12.5

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Mode / Band	Antenna		Modulated Average Output Power (in dBm)		
			Pmax	DSI = 3	DSI = 4
LTE Band 71	2	Max Allowed Power	25.0	25.0	17.5
		Nominal	24.0	24.0	16.5
LTE Band 12	2	Max Allowed Power	25.0	25.0	16.2
		Nominal	24.0	24.0	15.2
LTE Band 13	2	Max Allowed Power	25.0	25.0	17.0
		Nominal	24.0	24.0	16.0
LTE Band 14	2	Max Allowed Power	25.0	25.0	17.0
		Nominal	24.0	24.0	16.0
LTE Band 5	2	Max Allowed Power	25.0	25.0	17.2
		Nominal	24.0	24.0	16.2
LTE Band 26	2	Max Allowed Power	25.0	25.0	17.2
		Nominal	24.0	24.0	16.2
LTE Band 66/4	6	Max Allowed Power	25.5	25.5	13.7
		Nominal	24.5	24.5	12.7
LTE Band 2	6	Max Allowed Power	25.5	25.5	13.5
		Nominal	24.5	24.5	12.5
LTE Band 25	6	Max Allowed Power	25.5	25.5	13.5
		Nominal	24.5	24.5	12.5
LTE Band 30	6	Max Allowed Power	22.0	22.0	13.0
		Nominal	21.0	21.0	12.0
LTE Band 41 PC3	6	Max Allowed Power	25.5	25.5	13.7
		Nominal	24.5	24.5	12.7
LTE Band 41 PC2	6	Max Allowed Power	27.0	27.0	15.3
		Nominal	26.0	26.0	14.3
LTE Band 48	1	Max Allowed Power	21.0	21.0	11.2
		Nominal	20.0	20.0	10.2
LTE Band 48	6	Max Allowed Power	21.0	21.0	11.2
		Nominal	20.0	20.0	10.2

For LTE TDD, the above powers listed are TDD burst average values

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Mode / Band	Antenna		Modulated Average Output Power (in dBm)		
			Pmax	DSI = 3	DSI = 4
NR Band n71	2	Max Allowed Power	25.0	25.0	17.5
		Nominal	24.0	24.0	16.5
NR Band n12	2	Max Allowed Power	25.0	25.0	16.2
		Nominal	24.0	24.0	15.2
NR Band n14	2	Max Allowed Power	25.0	25.0	17.0
		Nominal	24.0	24.0	16.0
NR Band n5	2	Max Allowed Power	25.0	25.0	17.2
		Nominal	24.0	24.0	16.2
NR Band n26	2	Max Allowed Power	25.0	25.0	17.2
		Nominal	24.0	24.0	16.2
NR Band n66	6	Max Allowed Power	25.5	25.5	14.2
		Nominal	24.5	24.5	13.2
NR Band n2	6	Max Allowed Power	25.5	25.5	13.5
		Nominal	24.5	24.5	12.5
NR Band n25	6	Max Allowed Power	25.5	25.5	13.5
		Nominal	24.5	24.5	12.5
NR Band n30	6	Max Allowed Power	22.0	22.0	13.0
		Nominal	21.0	21.0	12.0
NR Band n41 PC2	1	Max Allowed Power	27.0	27.0	11.5
		Nominal	26.0	26.0	10.5
NR Band n41 PC3	1	Max Allowed Power	25.5	25.5	11.5
		Nominal	24.5	24.5	10.5
NR Band n41 PC2	6	Max Allowed Power	27.0	27.0	11.7
		Nominal	26.0	26.0	10.7
NR Band n41 PC3	6	Max Allowed Power	25.5	25.5	11.7
		Nominal	24.5	24.5	10.7
NR Band n48 PC3	1	Max Allowed Power	21.0	21.0	13.7
		Nominal	20.0	20.0	12.7
NR Band n48 PC3	6	Max Allowed Power	21.0	21.0	14.0
		Nominal	20.0	20.0	13.0
NR Band n48 PC3	7	Max Allowed Power	19.0	19.0	14.0
		Nominal	18.0	18.0	13.0
NR Band n48 PC3	8	Max Allowed Power	19.0	19.0	14.0
		Nominal	18.0	18.0	13.0
NR Band n77 PC3	1	Max Allowed Power	27.0	27.0	8.7
		Nominal	26.0	26.0	7.7
NR Band n77 PC2	1	Max Allowed Power	25.0	25.0	8.7
		Nominal	24.0	24.0	7.7
NR Band n77 PC3	6	Max Allowed Power	27.0	27.0	10.2
		Nominal	26.0	26.0	9.2
NR Band n77 PC2	6	Max Allowed Power	25.0	25.0	10.2
		Nominal	24.0	24.0	9.2
NR Band n77 PC3	7	Max Allowed Power	27.0	27.0	11.0
		Nominal	26.0	26.0	10.0
NR Band n77 PC2	7	Max Allowed Power	25.0	25.0	11.0
		Nominal	24.0	24.0	10.0
NR Band n77 PC3	8	Max Allowed Power	25.0	25.0	11.0
		Nominal	24.0	24.0	10.0
NR Band n77 PC2	8	Max Allowed Power	24.0	24.0	11.0
		Nominal	23.0	23.0	10.0

For NR TDD, the above powers listed are TDD burst average values

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I.3 Conducted Powers

The conducted output power data presented below were used in conjunction with the measured 0 mm SAR results to support operating configuration selection in accordance with the approved KDB Inquiry response.

I.3.1 UMTS

Table I-1
UMTS 850 Antenna 2 Measured Plimit for DSI = 4

3GPP Release Version	Mode	3GPP 34.121 Subtest	Cellular Band [dBm]			3GPP MPR [dB]
			4132	4183	4233	
99	WCDMA	12.2 kbps RMC	16.52	16.45	16.43	-
6	HSDPA	Subtest 1	16.34	16.32	16.24	0
6		Subtest 2	16.33	16.32	16.22	0
6		Subtest 3	15.81	15.80	15.73	0.5
6		Subtest 4	15.84	15.81	15.71	0.5
6	HSUPA	Subtest 1	16.32	16.30	16.19	0
6		Subtest 2	14.31	14.32	14.18	2
6		Subtest 3	15.31	15.28	15.18	1
6		Subtest 4	14.34	14.30	14.18	2
6		Subtest 5	16.32	16.29	16.21	0
8	DC-HSDPA	Subtest 1	16.32	16.28	16.20	0
8		Subtest 2	16.32	16.31	16.20	0
8		Subtest 3	15.82	15.80	15.70	0.5
8		Subtest 4	15.83	15.82	15.70	0.5

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Table I-2
UMTS 1750, 1900 Antenna 6 Measured Plimit for DSI = 4

3GPP Release Version	Mode	3GPP 34.121 Subtest	AWS Band [dBm]			PCS Band [dBm]			3GPP MPR [dB]
			1312	1412	1513	9262	9400	9538	
99	WCDMA	12.2 kbps RMC	13.93	13.74	13.69	13.12	13.08	13.06	-
6	HSDPA	Subtest 1	12.85	12.67	12.59	12.08	12.04	11.86	0
6		Subtest 2	12.86	12.66	12.60	12.07	12.06	11.84	0
6		Subtest 3	12.35	12.14	12.07	11.59	11.55	11.34	0.5
6		Subtest 4	12.35	12.15	12.07	11.56	11.55	11.33	0.5
6	HSUPA	Subtest 1	12.85	12.67	12.61	12.10	12.03	11.85	0
6		Subtest 2	10.87	10.64	10.62	10.11	10.09	9.87	2
6		Subtest 3	11.64	11.41	11.39	10.86	10.79	10.55	1
6		Subtest 4	10.72	10.52	10.48	10.17	10.08	9.67	2
6		Subtest 5	12.95	12.75	12.73	12.19	12.14	11.91	0
8	DC-HSDPA	Subtest 1	12.84	12.65	12.59	12.05	12.04	11.86	0
8		Subtest 2	12.84	12.64	12.58	12.09	12.06	11.85	0
8		Subtest 3	12.32	12.13	12.06	11.60	11.56	11.33	0.5
8		Subtest 4	12.33	12.13	12.08	11.57	11.54	11.33	0.5

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I.3.2 LTE

I.3.2.1 LTE Band 71

Table I-3
LTE Band 71 Antenna 2 Measured Plimit for DSI = 4

LTE Band 71 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297.0 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.15	0	0
	1	50	16.12		0
	1	99	16.09		0
	50	0	16.15	0-1	0
	50	25	16.24		0
	50	50	16.21		0
	100	0	16.14		0
16QAM	1	0	16.30	0-1	0
	1	50	16.40		0
	1	99	16.28		0
	50	0	16.20	0-2	0
	50	25	16.70		0
	50	50	16.25		0
	100	0	16.24		0
64QAM	1	0	16.34	0-2	0
	1	50	16.61		0
	1	99	16.43		0
	50	0	16.20	0-3	0
	50	25	16.29		0
	50	50	16.24		0
	100	0	16.26		0
256QAM	1	0	16.27	0-5	0
	1	50	16.34		0
	1	99	16.41		0
	50	0	16.19		0
	50	25	16.24		0
	50	50	16.26		0
	100	0	16.15		0

I.3.2.2 LTE Band 12

Table I-4
LTE Band 12 Antenna 2 Measured Plimit for DSI = 4

LTE Band 12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23095.0 (707.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	15.00	0	0
	1	25	15.18		0
	1	49	15.06		0
	25	0	15.07	0-1	0
	25	12	15.11		0
	25	25	15.14		0
	50	0	15.11		0
16QAM	1	0	15.34	0-1	0
	1	25	15.42		0
	1	49	15.39		0
	25	0	15.13	0-2	0
	25	12	15.17		0
	25	25	15.19		0
	50	0	15.10		0
64QAM	1	0	15.35	0-2	0
	1	25	15.43		0
	1	49	15.24		0
	25	0	15.13	0-3	0
	25	12	15.20		0
	25	25	15.15		0
	50	0	15.11		0
256QAM	1	0	15.18	0-5	0
	1	25	15.32		0
	1	49	15.18		0
	25	0	15.14		0
	25	12	15.16		0
	25	25	15.17		0
	50	0	15.11		0

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I.3.2.3 LTE Band 13

Table I-5
LTE Band 13 Antenna 2 Measured Plimit for DSI = 4

LTE Band 13 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230.0 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	15.90	0	0
	1	25	16.01		0
	1	49	15.89		0
	25	0	15.95	0-1	0
	25	12	15.94		0
	25	25	15.97		0
	50	0	15.92		0
16QAM	1	0	16.21	0-1	0
	1	25	16.22		0
	1	49	16.15		0
	25	0	16.00	0-2	0
	25	12	15.96		0
	25	25	15.99		0
	50	0	15.92		0
64QAM	1	0	16.15	0-2	0
	1	25	16.10		0
	1	49	16.05		0
	25	0	15.96	0-3	0
	25	12	15.99		0
	25	25	15.90		0
	50	0	15.81		0
256QAM	1	0	15.89	0-5	0
	1	25	16.10		0
	1	49	16.08		0
	25	0	15.99		0
	25	12	15.92		0
	25	25	15.96		0
	50	0	16.01		0

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I.3.2.4 LTE Band 14

Table I-6
LTE Band 14 Antenna 2 Measured Plimit for DSI = 4

LTE Band 14 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330.0 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.01	0	0
	1	25	15.90		0
	1	49	15.82		0
	25	0	15.89	0-1	0
	25	12	15.91		0
	25	25	15.92		0
	50	0	15.87		0
16QAM	1	0	16.15	0-1	0
	1	25	16.12		0
	1	49	16.02		0
	25	0	15.90	0-2	0
	25	12	15.93		0
	25	25	15.90		0
	50	0	15.96		0
64QAM	1	0	16.10	0-2	0
	1	25	16.03		0
	1	49	15.90		0
	25	0	15.92	0-3	0
	25	12	15.88		0
	25	25	15.90		0
	50	0	15.88		0
256QAM	1	0	16.01	0-5	0
	1	25	16.12		0
	1	49	15.87		0
	25	0	15.88		0
	25	12	15.90		0
	25	25	15.91		0
	50	0	15.80		0



I.3.2.5 LTE Band 5

Table I-7
LTE Band 5 Antenna 2 Measured Plimit for DSI = 4

LTE Band 5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20525.0 (836.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.22	0	0
	1	25	16.17		0
	1	49	16.18		0
	25	0	16.23	0-1	0
	25	12	16.19		0
	25	25	16.22		0
	50	0	16.20		0
16QAM	1	0	16.34	0-1	0
	1	25	16.29		0
	1	49	16.21		0
	25	0	16.25	0-2	0
	25	12	16.27		0
	25	25	16.29		0
	50	0	16.23		0
64QAM	1	0	16.41	0-2	0
	1	25	16.32		0
	1	49	16.44		0
	25	0	16.20	0-3	0
	25	12	16.32		0
	25	25	16.29		0
	50	0	16.27		0
256QAM	1	0	16.34	0-5	0
	1	25	16.35		0
	1	49	16.30		0
	25	0	16.22		0
	25	12	16.28		0
	25	25	16.31		0
	50	0	16.26		0

Table I-8
LTE Band 5 Antenna 2 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC Band	PCC Bandwidth [MHz]	PCC UL Channel	PCC						SCC						Power				
				PCC UL Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC UL Channel	SCC UL Frequency [MHz]	SCC DL Channel	SCC DL Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dbm)	LTE Single Carrier Tx Power (dbm)
CA_5B	LTE B5	10	20525	836.5	2525	881.5	QPSK	1	0	LTE B5	5	20453	829.3	2453	874.3	QPSK	1	24	15.96	16.22

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I.3.2.6 LTE Band 26

Table I-9
LTE Band 26 Antenna 2 Measured Plimit for DSI = 4

LTE Band 26 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26865.0 (831.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.12	0	0
	1	36	16.10		0
	1	74	16.08		0
	36	0	16.14	0-1	0
	36	18	16.09		0
	36	37	16.15		0
	75	0	16.09		0
16QAM	1	0	16.26	0-1	0
	1	36	16.36		0
	1	74	16.34		0
	36	0	16.17	0-2	0
	36	18	16.13		0
	36	37	16.14		0
	75	0	16.09		0
64QAM	1	0	16.17	0-2	0
	1	36	16.24		0
	1	74	16.13		0
	36	0	16.12	0-3	0
	36	18	16.11		0
	36	37	16.18		0
	75	0	16.06		0
256QAM	1	0	16.14	0-5	0
	1	36	16.24		0
	1	74	16.22		0
	36	0	16.11		0
	36	18	16.04		0
	36	37	16.10		0
	75	0	16.08		0



I.3.2.7 LTE Band 66

Table I-10
LTE Band 66 Antenna 6 – 20 MHz Bandwidth Measured Plimit for DSI = 4

LTE Band 66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132072.0 (1720.0 MHz)	132322.0 (1745.0 MHz)	132572.0 (1770.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.33	13.49	13.14	0	0
	1	50	13.07	13.20	12.85		0
	1	99	13.10	13.10	12.84		0
	50	0	13.32	13.36	13.27	0-1	0
	50	25	13.10	13.18	13.05		0
	50	50	13.07	13.05	12.91		0
	100	0	13.12	13.03	12.86		0
16QAM	1	0	13.30	13.31	12.97	0-1	0
	1	50	13.38	13.34	12.98		0
	1	99	13.34	13.09	12.73		0
	50	0	13.14	12.98	12.83	0-2	0
	50	25	13.21	12.99	12.91		0
	50	50	13.20	12.95	12.84		0
	100	0	13.18	12.98	12.84		0
64QAM	1	0	13.32	13.34	12.76	0-2	0
	1	50	13.21	13.13	12.93		0
	1	99	13.24	13.12	12.77		0
	50	0	13.14	13.08	12.80	0-3	0
	50	25	13.20	13.02	12.90		0
	50	50	13.14	12.92	12.83		0
	100	0	13.20	13.07	12.94		0
256QAM	1	0	13.30	13.20	13.03	0-5	0
	1	50	13.21	13.18	12.97		0
	1	99	13.32	13.02	12.76		0
	50	0	13.16	13.05	12.94		0
	50	25	13.18	13.02	12.84		0
	50	50	13.28	12.97	12.86		0
	100	0	13.23	13.00	12.87		0

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Table I-11
LTE Band 66 Antenna 6 – 10 MHz Bandwidth Measured Plimit for DSI = 4

LTE Band 66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022.0 (1715.0 MHz)	132322.0 (1745.0 MHz)	132622.0 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.09	13.05	12.82	0	0
	1	25	13.18	13.12	12.82		0
	1	49	13.22	13.01	12.63		0
	25	0	13.18	13.07	12.82	0-1	0
	25	12	13.26	13.08	12.84		0
	25	25	13.30	12.98	12.80		0
	50	0	13.27	13.05	12.80		0
16QAM	1	0	13.50	13.35	13.07	0-1	0
	1	25	13.49	13.29	12.91		0
	1	49	13.52	13.17	12.98		0
	25	0	13.23	13.10	12.81	0-2	0
	25	12	13.33	13.10	12.80		0
	25	25	13.31	13.01	12.83		0
	50	0	13.29	13.05	12.84		0
64QAM	1	0	13.35	13.31	12.87	0-2	0
	1	25	13.50	13.41	12.90		0
	1	49	13.27	13.05	12.96		0
	25	0	13.26	13.09	12.84	0-3	0
	25	12	13.32	13.08	12.89		0
	25	25	13.30	13.05	12.83		0
	50	0	13.31	13.04	12.81		0
256QAM	1	0	13.23	13.15	12.88	0-5	0
	1	25	13.28	13.21	13.00		0
	1	49	13.39	13.09	12.90		0
	25	0	13.16	13.02	12.77		0
	25	12	13.28	13.03	12.82		0
	25	25	13.26	13.07	12.80		0
	50	0	13.27	13.07	12.83		0

Table I-12
LTE Band 66 Antenna 6 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL) Channel	SCC (UL) Frequency [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_66C	LTE B66	20	132572	1770.0	67036	2170.0	QPSK	1	0	LTE B66	20	132374	1750.2	66838	2150.2	QPSK	1	99	12.98	13.14
CA_66B	LTE B66	10	132622	1775.0	67086	2175.0	QPSK	1	0	LTE B66	10	132523	1765.1	66987	2165.1	QPSK	1	49	12.80	12.82

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I.3.2.8 LTE Band 25

Table I-13
LTE Band 25 Antenna 6 Measured Plimit for DSI = 4

LTE Band 25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26140.0 (1860.0 MHz)	26365.0 (1882.5 MHz)	26590.0 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.07	12.47	12.22	0	0
	1	50	12.14	12.25	12.14		0
	1	99	12.20	12.27	12.13		0
	50	0	12.16	12.30	12.35	0-1	0
	50	25	12.32	12.37	12.32		0
	50	50	12.26	12.34	12.26		0
	100	0	12.24	12.30	12.28		0
16QAM	1	0	12.21	12.43	12.41	0-1	0
	1	50	12.48	12.55	12.41		0
	1	99	12.43	12.55	12.35		0
	50	0	12.24	12.32	12.33	0-2	0
	50	25	12.26	12.36	12.32		0
	50	50	12.34	12.44	12.23		0
	100	0	12.23	12.26	12.27		0
64QAM	1	0	12.45	12.39	12.40	0-2	0
	1	50	12.30	12.53	12.37		0
	1	99	12.34	12.48	12.16		0
	50	0	12.22	12.38	12.32	0-3	0
	50	25	12.35	12.32	12.36		0
	50	50	12.35	12.42	12.32		0
	100	0	12.28	12.26	12.34		0
256QAM	1	0	12.43	12.44	12.50	0-5	0
	1	50	12.23	12.46	12.33		0
	1	99	12.41	12.56	12.22		0
	50	0	12.17	12.35	12.33		0
	50	25	12.31	12.30	12.32		0
	50	50	12.29	12.45	12.32		0
	100	0	12.31	12.31	12.31		0



I.3.2.9 LTE Band 2

Table I-14
LTE Band 2 Antenna 6 Measured Plimit for DSI = 4

LTE Band 2 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18700.0 (1860.0 MHz)	18900.0 (1880.0 MHz)	19100.0 (1900.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.51	12.42	12.48	0	0
	1	50	12.37	12.43	12.44		0
	1	99	12.38	12.57	12.39		0
	50	0	12.42	12.57	12.53	0-1	0
	50	25	12.50	12.56	12.56		0
	50	50	12.54	12.67	12.60		0
	100	0	12.52	12.53	12.46		0
16QAM	1	0	12.54	12.62	12.85	0-1	0
	1	50	12.50	12.75	12.87		0
	1	99	12.64	12.80	12.66		0
	50	0	12.37	12.53	12.53	0-2	0
	50	25	12.48	12.56	12.63		0
	50	50	12.50	12.64	12.59		0
	100	0	12.48	12.54	12.49		0
64QAM	1	0	12.58	12.72	12.68	0-2	0
	1	50	12.73	12.63	12.74		0
	1	99	12.73	12.64	12.61		0
	50	0	12.41	12.54	12.47	0-3	0
	50	25	12.53	12.54	12.57		0
	50	50	12.53	12.64	12.59		0
	100	0	12.42	12.55	12.52		0
256QAM	1	0	12.58	12.59	12.69	0-5	0
	1	50	12.54	12.71	12.73		0
	1	99	12.53	12.81	12.71		0
	50	0	12.43	12.59	12.59		0
	50	25	12.48	12.66	12.63		0
	50	50	12.64	12.66	12.65		0
	100	0	12.51	12.59	12.52		0

Table I-15
LTE Band 2 Antenna 6 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC									SCC									Power	
	PCC Band	PCC Bandwidth [MHz]	PCC UL Channel	PCC UL Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC UL Channel	SCC UL Frequency [MHz]	SCC DL Channel	SCC DL Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2C	LTE B2	20	18700	1860.0	600	1940.0	QPSK	50	50	LTE B2	20	18898	1879.8	898	1959.8	QPSK	50	0	12.43	12.54

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I.3.2.10 LTE Band 30

Table I-16
LTE Band 30 Antenna 6 Measured Plimit for DSI = 4

LTE Band 30 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710.0 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	11.75	0	0
	1	25	11.78		0
	1	49	11.84		0
	25	0	11.77	0-1	0
	25	12	11.77		0
	25	25	11.81		0
	50	0	11.80		0
16QAM	1	0	11.91	0-1	0
	1	25	12.04		0
	1	49	12.01		0
	25	0	11.70	0-2	0
	25	12	11.74		0
	25	25	11.82		0
	50	0	11.81		0
64QAM	1	0	12.05	0-2	0
	1	25	11.84		0
	1	49	11.99		0
	25	0	11.68	0-3	0
	25	12	11.77		0
	25	25	11.83		0
	50	0	11.83		0
256QAM	1	0	11.84	0-5	0
	1	25	12.02		0
	1	49	11.93		0
	25	0	11.75		0
	25	12	11.75		0
	25	25	11.80		0
	50	0	11.85		0

I.3.2.11 LTE Band 41

Table I-17
LTE Band 41 PC3 Antenna 6 Measured Plimit for DSI = 4

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	12.32	12.64	12.51	12.42	12.26	0	0
	1	50	12.37	12.56	12.41	12.39	12.08		0
	1	99	12.47	12.48	12.51	12.41	12.10		0
	50	0	12.48	12.72	12.54	12.45	12.32	0-1	0
	50	25	12.59	12.76	12.55	12.44	12.36		0
	50	50	12.60	12.71	12.63	12.39	12.27		0
16QAM	100	0	12.54	12.62	12.53	12.30	12.33	0	0
	1	0	12.28	12.55	12.42	12.42	12.24	0-1	0
	1	50	12.33	12.62	12.48	12.50	12.14		0
	1	99	12.45	12.47	12.56	12.52	12.13		0
	50	0	12.46	12.69	12.55	12.49	12.32	0-2	0
	50	25	12.61	12.72	12.56	12.51	12.33		0
50	50	12.64	12.70	12.60	12.43	12.31	0		
64QAM	100	0	12.58	12.72	12.54	12.43	12.32	0	0
	1	0	12.44	12.70	12.66	12.50	12.40	0-2	0
	1	50	12.47	12.64	12.48	12.46	12.21		0
	1	99	12.54	12.49	12.63	12.45	12.27		0
	50	0	12.46	12.63	12.51	12.51	12.33	0-3	0
	50	25	12.57	12.70	12.51	12.53	12.29		0
50	50	12.61	12.64	12.59	12.52	12.27	0		
256QAM	100	0	12.53	12.69	12.53	12.49	12.28	0	0
	1	0	12.25	12.50	12.48	12.42	12.19	0-5	0
	1	50	12.42	12.66	12.45	12.46	12.22		0
	1	99	12.65	12.60	12.56	12.45	12.13		0
	50	0	12.43	12.63	12.56	12.49	12.31	0	
	50	25	12.56	12.74	12.53	12.53	12.32	0	
256QAM	50	50	12.57	12.67	12.61	12.52	12.29	0	0
	100	0	12.54	12.70	12.52	12.54	12.32	0	0

Table I-18
LTE Band 41 PC2 Antenna 6 Measured Plimit for DSI = 4

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	14.05	14.32	14.27	14.13	14.07	0	0
	1	50	14.13	14.27	14.18	14.04	13.88		0
	1	99	14.24	14.20	14.28	14.13	13.95		0
	50	0	14.16	14.36	14.23	14.18	14.00	0-1	0
	50	25	14.26	14.36	14.22	14.22	13.99		0
	50	50	14.33	14.30	14.28	14.18	13.97		0
	100	0	14.25	14.39	14.21	14.20	13.98	0	

Table I-19
LTE Band 41 PC3 Antenna 6 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC							SCC							Power	
	PCC Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL/DL) Channel	SCC (UL/DL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_41C	LTE B41	20	41055	2636.5	QPSK	50	0	LTE B41	20	40857	2616.7	QPSK	50	50	12.53	12.45

Table I-20
LTE Band 41 PC2 Antenna 6 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC							SCC							Power	
	PCC Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL/DL) Channel	SCC (UL/DL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_41C	LTE B41 PC2	20	41055	2636.5	QPSK	50	0	LTE B41 PC2	20	40857	2616.7	QPSK	50	50	14.28	14.18

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I.3.2.12 LTE Band 48

Table I-21
LTE Band 48 Antenna 1 Measured Plimit for DSI = 4

LTE Band 48 20 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55340.0 (3560.0 MHz)	55773.0 (3603.3 MHz)	56207.0 (3646.7 MHz)	56640.0 (3690.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	10.22	10.11	9.91	9.66	0	0
	1	50	10.22	10.12	9.84	9.63		0
	1	99	10.33	10.16	9.75	9.60		0
	50	0	10.36	10.26	10.00	9.82	0-1	0
	50	25	10.36	10.28	9.99	9.79		0
	50	50	10.38	10.28	9.96	9.74		0
16QAM	100	0	10.32	10.28	9.95	9.79	0-1	0
	1	0	10.11	10.04	9.90	9.51		0
	1	50	10.24	10.16	9.82	9.64		0
	1	99	10.26	10.14	9.74	9.64	0-2	0
	50	0	10.35	10.23	9.98	9.74		0
	50	25	10.38	10.25	10.00	9.79		0
64QAM	50	50	10.37	10.29	9.95	9.70	0-2	0
	100	0	10.33	10.26	9.98	9.77		0
	1	0	10.28	10.23	9.96	9.73		0-3
	1	50	10.39	10.23	9.99	9.73	0	
	1	99	10.32	10.23	9.86	9.78	0	
	50	0	10.34	10.22	9.97	9.78	0	
256QAM	50	25	10.39	10.32	9.97	9.81	0-5	0
	50	50	10.36	10.28	9.94	9.75		0
	100	0	10.37	10.24	9.98	9.80		0
	1	0	10.20	10.11	9.90	9.64		0
	1	50	10.10	10.07	9.89	9.62		0
	1	99	10.36	10.25	9.70	9.67		0

Table I-22
LTE Band 48 Antenna 1 Uplink Carrier Aggregation Measured Plimit for DSI = 4

Combination	PCC								SCC				Power			
	PCC Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL/DL) Channel	SCC (UL/DL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_48C	LTE B48	20	56640	3690.0	QPSK	1	0	LTE B48	20	56442	3670.2	QPSK	1	99	9.72	9.66

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Table I-23
LTE Band 48 Antenna 6 Measured Plimit for DSI = 4

LTE Band 48 20 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55340.0 (3560.0 MHz)	55773.0 (3603.3 MHz)	56207.0 (3646.7 MHz)	56640.0 (3690.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	8.71	8.27	8.17	8.28	0	0
	1	50	8.49	8.13	8.19	8.12		0
	1	99	8.60	8.32	8.35	8.11		0
	50	0	8.75	8.22	8.21	8.29	0-1	0
	50	25	8.60	8.19	8.20	8.31		0
	50	50	8.65	8.23	8.24	8.26		0
	100	0	8.60	8.16	8.23	8.25		0
16QAM	1	0	8.59	8.18	8.19	8.42	0-1	0
	1	50	8.70	7.98	8.21	8.02		0
	1	99	8.52	8.07	8.32	8.00		0
	50	0	8.75	8.34	8.24	8.34	0-2	0
	50	25	8.65	8.25	8.34	8.33		0
	50	50	8.66	8.21	8.33	8.24		0
	100	0	8.61	8.18	8.27	8.31		0
64QAM	1	0	8.71	8.36	8.28	8.18	0-2	0
	1	50	8.57	8.11	8.03	8.16		0
	1	99	8.45	8.33	8.09	8.24		0
	50	0	8.73	8.27	8.28	8.33	0-3	0
	50	25	8.72	8.20	8.32	8.35		0
	50	50	8.64	8.17	8.34	8.29		0
	100	0	8.66	8.19	8.27	8.28		0
256QAM	1	0	8.25	8.21	8.20	8.07	0-5	0
	1	50	8.66	8.37	8.12	7.92		0
	1	99	8.54	8.20	8.05	7.87		0
	50	0	8.73	8.34	8.29	8.30		0
	50	25	8.62	8.27	8.26	8.30		0
	50	50	8.64	8.20	8.28	8.29		0
	100	0	8.72	8.26	8.30	8.32		0



I.3.3 NR

I.3.3.1 NR Band n71

Table I-24
NR Band n71 Antenna 2 Measured Plimit for DSI = 4

NR Band n71 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.62	0	0.0
	1	53	16.54		0.0
	1	104	16.45		0.0
	50	0	16.58	0-1	0.0
	50	28	16.57	0	0.0
	50	56	16.53	0-1	0.0
	100	0	16.55		0.0
DFT-s-OFDM 16QAM	1	1	16.58	0-1	0.0
CP-OFDM QPSK	1	1	16.61	0-1.5	0.0

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I.3.3.2 NR Band n12

Table I-25
NR Band n12 Antenna 2 Measured Plimit for DSI = 4

NR Band n12 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.66	0	0.0
	1	40	15.56		0.0
	1	77	15.50		0.0
	36	0	15.68	0-1	0.0
	36	22	15.62	0	0.0
	36	43	15.64	0-1	0.0
	75	0	15.64		0.0
DFT-s-OFDM 16QAM	1	1	15.60	0-1	0.0
CP-OFDM QPSK	1	1	15.73	0-1.5	0.0

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I.3.3.3 NR Band n14

Table I-26
NR Band n14 Antenna 2 Measured Plimit for DSI = 4

NR Band n14 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			158600 (793 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.04	0	0.0
	1	26	16.05		0.0
	1	50	16.01		0.0
	25	0	16.08	0-1	0.0
	25	14	16.11	0	0.0
	25	27	16.10	0-1	0.0
	50	0	16.03		0.0
DFT-s-OFDM 16QAM	1	1	15.87	0-1	0.0
CP-OFDM QPSK	1	1	16.13	0-1.5	0.0

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I.3.3.4 NR Band n5

Table I-27
NR Band n5 Antenna 2 Measured Plimit for DSI = 4

NR Band n5 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.30	0	0.0
	1	53	16.22		0.0
	1	104	16.15		0.0
	50	0	16.39	0-1	0.0
	50	28	16.30	0	0.0
	50	56	16.28	0-1	0.0
	100	0	16.29		0.0
DFT-s-OFDM 16QAM	1	1	16.23	0-1	0.0
CP-OFDM QPSK	1	1	16.34	0-1.5	0.0

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I.3.3.5 NR Band n26

Table I-28
NR Band n26 Antenna 2 Measured Plimit for DSI = 4

NR Band n26 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			166300 (831.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.82	0	0.0
	1	53	16.86		0.0
	1	104	16.76		0.0
	50	0	16.94	0-1	0.0
	50	28	16.88	0	0.0
	50	56	16.83	0-1	0.0
	100	0	16.84		0.0
DFT-s-OFDM 16QAM	1	1	16.83	0-1	0.0
CP-OFDM QPSK	1	1	16.98	0-1.5	0.0

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I.3.3.6 NR Band n66

Table I-29
NR Band n66 Antenna 6 Measured Plimit for DSI = 4

NR Band n66 40 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.13	0	0.0
	1	108	13.17		0.0
	1	214	13.24		0.0
	108	0	13.23	0-1	0.0
	108	54	13.23	0	0.0
	108	108	13.32	0-1	0.0
	216	0	13.21		0.0
DFT-s-OFDM 16QAM	1	1	13.07	0-1	0.0
CP-OFDM QPSK	1	1	13.14	0-1.5	0.0

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I.3.3.7 NR Band n25

Table I-30
NR Band n25 Antenna 6 Measured Plimit for DSI = 4

NR Band n25 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.88	0	0.0
	1	108	11.85		0.0
	1	214	11.92		0.0
	108	0	12.02	0-1	0.0
	108	54	11.96	0	0.0
	108	108	12.03	0-1	0.0
	216	0	11.81		0.0
DFT-s-OFDM 16QAM	1	1	11.83	0-1	0.0
CP-OFDM QPSK	1	1	11.97	0-1.5	0.0

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I.3.3.8 NR Band n30

**Table I-31
NR Band n30 Antenna 6 Measured Plimit for DSI = 4**

NR Band n30 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.75	0	0.0
	1	26	11.76		0.0
	1	50	11.82		0.0
	25	0	11.72	0-1	0.0
	25	14	11.76	0	0.0
	25	27	11.71	0-1	0.0
	50	0	11.70		0.0
DFT-s-OFDM 16QAM	1	1	11.68	0-1	0.0
CP-OFDM QPSK	1	1	11.71	0-1.5	0.0

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I.3.3.9 NR Band n41

Table I-32
NR Band n41 Antenna 1 Measured Plimit for DSI = 4

NR Band n41 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			518598 (2592.99 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	10.53	0	0.0
	1	137	10.74		0.0
	1	271	10.64		0.0
	135	0	10.65	0-1	0.0
	135	69	10.71	0	0.0
	135	138	10.58	0-1	0.0
	270	0	10.65		0.0
DFT-s-OFDM 16QAM	1	1	10.29	0-1	0.0
CP-OFDM QPSK	1	1	10.47	0-1.5	0.0

Table I-33
NR Band n41 Antenna 6 Measured Plimit for DSI = 4

NR Band n41 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			518598 (2592.99 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.16	0	0.0
	1	137	11.22		0.0
	1	271	11.19		0.0
	135	0	11.27	0-1	0.0
	135	69	11.23	0	0.0
	135	138	11.20	0-1	0.0
	270	0	11.20		0.0
DFT-s-OFDM 16QAM	1	1	10.68	0-1	0.0
CP-OFDM QPSK	1	1	10.92	0-1.5	0.0

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I.3.3.10 NR Band n48

Table I-34
NR Band n48 Antenna 1 Measured Plimit for DSI = 4

NR Band n48 40 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	638000 (3570 MHz)	641666 (3624.99 MHz)	645332 (3679.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	8.65	8.28	8.25	0	0.0
	1	53	8.57	8.13	8.12		0.0
	1	104	8.67	8.08	8.05		0.0
	50	0	8.60	8.16	8.18	0-1	0.0
	50	28	8.52	8.08	8.02	0	0.0
	50	56	8.57	8.06	7.92	0-1	0.0
	100	0	8.57	8.13	8.05		0.0
DFT-s-OFDM 16QAM	1	1	8.78	7.95	8.18	0-1	0.0
CP-OFDM QPSK	1	1	8.65	8.12	8.23	0-1.5	0.0

Table I-35
NR Band n48 Antenna 6 Measured Plimit for DSI = 4

NR Band n48 40 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	638000 (3570 MHz)	641666 (3624.99 MHz)	645332 (3679.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	8.02	7.55	7.79	0	0.0
	1	53	7.92	7.51	7.44		0.0
	1	104	8.04	7.57	7.50		0.0
	50	0	7.94	7.56	7.75	0-1	0.0
	50	28	7.86	7.47	7.59	0	0.0
	50	56	7.83	7.44	7.45	0-1	0.0
	100	0	7.90	7.51	7.61		0.0
DFT-s-OFDM 16QAM	1	1	8.09	7.62	7.84	0-1	0.0
CP-OFDM QPSK	1	1	7.92	7.35	7.67	0-1.5	0.0

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Table I-36
NR Band n48 Antenna 7,8 Measured Plimit for DSI = 4

NR Band n48 40 MHz Bandwidth			
Channel			
Antenna	638000 (3570 MHz)	641666 (3624.99 MHz)	645332 (3679.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant 7	10.14	9.81	9.85
SRS #3 Ant 8	10.29	10.01	9.87

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I.3.3.11 NR Band n77

Table I-37
NR Band n77 Antenna 1 Measured Plimit for DSI = 4

NR Band n77 100 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	7.40	7.28	0	0.0
	1	137	7.27	7.27		0.0
	1	271	7.13	7.18		0.0
	135	0	7.37	7.17	0-1	0.0
	135	69	7.18	7.08	0	0.0
	135	138	7.05	7.03	0-1	0.0
	270	0	7.23	7.10		0.0
DFT-s-OFDM 16QAM	1	1	7.42	7.36	0-1	0.0
CP-OFDM QPSK	1	1	7.53	7.24	0-1.5	0.0

Table I-38
NR Band n77 Antenna 6 Measured Plimit for DSI = 4

NR Band n77 100 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	8.35	8.44	0	0.0
	1	137	8.29	8.39		0.0
	1	271	8.37	8.24		0.0
	135	0	8.45	8.48	0-1	0.0
	135	69	8.27	8.24	0	0.0
	135	138	8.22	8.23	0-1	0.0
	270	0	8.29	8.25		0.0
DFT-s-OFDM 16QAM	1	1	8.46	8.25	0-1	0.0
CP-OFDM QPSK	1	1	8.22	8.37	0-1.5	0.0

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Table I-39
NR Band n77 Antenna 7,8 Measured Plimit for DSI = 4

NR Band n77 100 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant 7	9.70	9.77
SRS #3 Ant 8	9.62	9.93

Table I-40
NR Band n77 DoD Antenna 1 Measured Plimit for DSI = 4

NR Band n77 DoD 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	7.99	0	0.0
	1	137	7.86		0.0
	1	271	7.93		0.0
	135	0	7.95	0-1	0.0
	135	69	7.85	0	0.0
	135	138	7.81	0-1	0.0
	270	0	7.81		0.0
DFT-s-OFDM 16QAM	1	1	8.13	0-1	0.0
CP-OFDM QPSK	1	1	7.79	0-1.5	0.0

Table I-41
NR Band n77 DoD Antenna 6 Measured Plimit for DSI = 4

NR Band n77 DoD 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.42	0	0.0
	1	137	8.44		0.0
	1	271	8.73		0.0
	135	0	8.56	0-1	0.0
	135	69	8.62	0	0.0
	135	138	8.60	0-1	0.0
	270	0	8.61		0.0
DFT-s-OFDM 16QAM	1	1	8.53	0-1	0.0
CP-OFDM QPSK	1	1	8.48	0-1.5	0.0

Table I-42
NR Band n77 DoD Antenna 7,8 Measured Plimit for DSI = 4

NR Band n77 DoD 100 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant 7	10.25
SRS #3 Ant 8	10.29

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I.4 Standalone SAR Tables

The SAR measurement results presented below constitute the 0 mm reference dataset established in accordance with the FCC OET approved KDB Inquiry response for this device. These results were used to identify the operating configurations requiring evaluation at the applicable FCC compliance separation distances, as specified in the approved inquiry response.

Table I-43
UMTS 850 Antenna 2| Plot I1

Exposure	Band / Mode	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	EPS PLimit [dBm]
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	-0.02	826.40	4132	17.2	16.52	Back	0	0.724	1.169	0.846	0.846	0.529	Plot	17.9	17.9	16.2
Body	UMTS 850	RMC	2	Keyboard	787B82609	1:1	0.02	826.40	4132	17.2	16.52	Back	0	0.250	1.169	0.292	0.292	0.183		22.5		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	0.00	836.60	4183	17.2	16.45	Back	0	0.683	1.189	0.812	0.812	0.508		18.1		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	0.01	846.60	4233	17.2	16.43	Back	0	0.635	1.194	0.758	0.758	0.474		18.4		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	-0.07	826.40	4132	17.2	16.52	Top	0	0.546	1.169	0.638	0.638	0.399		19.1		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	-0.08	826.40	4132	17.2	16.52	Bottom	0	0.010	1.169	0.012	0.012	0.008		36.5		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	-0.03	826.40	4132	17.2	16.52	Right	0	0.080	1.169	0.094	0.094	0.059		27.4		
Body	UMTS 850	RMC	2	N/A	787B82609	1:1	-0.04	826.40	4132	17.2	16.52	Left	0	0.024	1.169	0.028	0.028	0.018		32.7		
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-44
UMTS 1750 Antenna 6| Plot I2

Exposure	Band / Mode	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	EPS PLimit [dBm]
Body	UMTS 1750	RMC	6	N/A	4TDQV2609	1:1	-0.06	1712.40	1312	14.2	13.93	Back	0	0.523	1.064	0.556	0.556	0.348		16.7		
Body	UMTS 1750	RMC	6	N/A	4TDQV2609	1:1	-0.01	1712.40	1312	14.2	13.93	Top	0	0.613	1.064	0.652	0.652	0.408	Plot	16.0		
Body	UMTS 1750	RMC	6	Keyboard	4TDQV2609	1:1	0.00	1712.40	1312	14.2	13.93	Top	0	0.473	1.064	0.503	0.503	0.314			17.1	
Body	UMTS 1750	RMC	6	N/A	4TDQV2609	1:1	0.02	1712.40	1312	14.2	13.93	Bottom	0	0.000	1.064	0.000	0.000	0.000			53.9	16.0
Body	UMTS 1750	RMC	6	N/A	4TDQV2609	1:1	0.04	1712.40	1312	14.2	13.93	Right	0	0.013	1.064	0.014	0.014	0.009			32.7	
Body	UMTS 1750	RMC	6	N/A	4TDQV2609	1:1	-0.01	1712.40	1312	14.2	13.93	Left	0	0.294	1.064	0.313	0.313	0.196			19.2	13.2
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-45
UMTS 1900 Antenna 6| Plot I3

Exposure	Band / Mode	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	EPS PLimit [dBm]
Body	UMTS 1900	RMC	6	N/A	4TDQV2609	1:1	-0.04	1852.40	9262	13.5	13.12	Back	0	0.722	1.091	0.788	0.788	0.493	Plot	14.5	14.5	12.5
Body	UMTS 1900	RMC	6	Keyboard	4TDQV2609	1:1	-0.04	1852.40	9262	13.5	13.12	Back	0	0.134	1.091	0.146	0.146	0.091		21.8		
Body	UMTS 1900	RMC	6	N/A	4TDQV2609	1:1	-0.02	1852.40	9262	13.5	13.12	Top	0	0.583	1.091	0.616	0.616	0.398		15.4		
Body	UMTS 1900	RMC	6	N/A	4TDQV2609	1:1	0.06	1852.40	9262	13.5	13.12	Bottom	0	0.000	1.091	0.000	0.000	0.000		53.1		
Body	UMTS 1900	RMC	6	N/A	4TDQV2609	1:1	0.04	1852.40	9262	13.5	13.12	Right	0	0.010	1.091	0.011	0.011	0.007		33.1		
Body	UMTS 1900	RMC	6	N/A	4TDQV2609	1:1	-0.05	1852.40	9262	13.5	13.12	Left	0	0.348	1.091	0.380	0.380	0.238		17.7		
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-46
LTE Band 71 Antenna 2| Plot I4

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	EPS PLimit [dBm]
Body	LTE Band 71	20	QPSK	2	N/A	787D32609	1:1	0.01	680.50	133297	0.0	17.5	16.16	1	0	Back	0	0.339	1.365	0.726	0.726	0.460	Plot	18.8	18.6	16.5
Body	LTE Band 71	20	QPSK	2	Keyboard	787D32609	1:1	-0.08	680.50	133297	0.0	17.5	16.15	1	0	Back	0	0.314	1.365	0.292	0.292	0.183		22.6		
Body	LTE Band 71	20	QPSK	2	N/A	787D32609	1:1	0.01	680.50	133297	0.0	17.5	16.24	50	25	Back	0	0.550	1.337	0.682	0.682	0.426		19.2		
Body	LTE Band 71	20	QPSK	2	N/A	787D32609	1:1	-0.01	680.50	133297	0.0	17.5	16.24	1	0	Top	0	0.424	1.365	0.578	0.578	0.352		18.1		
Body	LTE Band 71	20	QPSK	2	N/A	787D32609	1:1	0.01	680.50	133297	0.0	17.5	16.24	50	25	Top	0	0.434	1.337	0.580	0.580	0.363		19.8		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	0.02	680.50	133297	0.0	17.5	16.16	1	0	Bottom	0	0.004	1.365	0.005	0.005	0.003		40.1		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	-0.05	680.50	133297	0.0	17.5	16.24	50	25	Bottom	0	0.009	1.337	0.005	0.005	0.003		40.1		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	0.20	680.50	133297	0.0	17.5	16.15	1	0	Right	0	0.006	1.365	0.076	0.076	0.048		28.6		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	-0.01	680.50	133297	0.0	17.5	16.15	50	25	Right	0	0.004	1.337	0.072	0.072	0.046		28.3		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	0.05	680.50	133297	0.0	17.5	16.15	1	0	Left	0	0.002	1.365	0.016	0.016	0.010		35.1		
Body	LTE Band 71	20	QPSK	2	N/A	4TDQV2609	1:1	-0.16	680.50	133297	0.0	17.5	16.14	50	25	Left	0	0.007	1.337	0.009	0.009	0.006		37.2		
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														1.6 W/kg (mW/g) averaged over 1 gram												

Table I-47
LTE Band 12 Antenna 2| Plot I5

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	EPS PLimit [dBm]
Body	LTE Band 12	10	QPSK	2	N/A	787F72609	1:1	-0.02	707.50	23095	0.0	16.2	15.18	1	25	Back	0	0.492	1.265	0.622	0.622	0.389		18.2		
Body	LTE Band 12	10	QPSK	2	N/A	787F72609	1:1	-0.15	707.50	23095	0.0	16.2	15.14	25	25	Back	0	0.553	1.276	0.706	0.706	0.441	Plot	17.2		
Body	LTE Band 12	10	QPSK	2	Keyboard	787C48269	1:1	-0.02	707.50	23095	0.0	16.2	15.14	1	25	Back	0	0.476	1.276	0.616	0.616	0.378		22.8		
Body	LTE Band 12	10	QPSK	2	N/A	787C48269	1:1	0.00	707.50	23095	0.0	16.2	15.18	1	25	Top	0	0.485	1.265	0.608	0.608	0.380		18.5		
Body	LTE Band 12	10	QPSK	2	N/A	787C48269	1:1	0.05	707.50	23095	0.0	16.2	15.14	25	25	Top	0	0.485	1.276	0.614	0.614	0.384		18.3		
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	0.17	707.50	23095	0.0	16.2	15.18	1	25	Bottom	0	0.005	1.265	0.004	0.004	0.003		40.4	17.7	
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	0.01	707.50	23095	0.0	16.2	15.14	25	25	Bottom	0	0.005	1.276	0.001	0.001	0.001		45.1	15.2	
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	-0.02	707.50	23095	0.0	16.2	15.18	1	25	Right	0	0.040	1.265	0.051	0.051	0.032		29.1		
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	-0.01	707.50	23095	0.0	16.2	15.14	25	25	Right	0	0.028	1.276	0.048	0.048	0.029		28.3		
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	0.14	707.50	23095	0.0	16.2	15.18	1	25	Left	0	0.002	1.265	0.015	0.015	0.009		34.3		
Body	LTE Band 12	10	QPSK	2	N/A	4TDQV2609	1:1	-0.03	707.50	23095	0.0	16.2	15.14	25	25	Left	0	0.001	1.276	0.014	0.014	0.009		34.1		
ANSI/IEEE C95.1 1992 - SAFETY LIMIT												Body														
Spatial Peak												1.6 W/kg (mW/g)														
Uncontrolled Exposure/General Population												averaged over 1 gram														

FCC ID: C3K2114

RF EXPOSURE PART 1 TEST REPORT

Approved by:
Technical Manager

DUT Type:
Wireless Module

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Table I-48
LTE Band 13 Antenna 2| Plot I6

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	P1min [dBm]	Overall P1min [dBm]	EFS P1min [dBm]
Body	LTE Band 13	10	QPSK	2	N/A	78772609	1:1	-0.06	782.00	23230	0.0	17.0	16.04	1	25	Back	0	0.555	1.256	0.697	0.697	0.436		18.5		
Body	LTE Band 13	10	QPSK	2	N/A	78772609	1:1	-0.06	782.00	23230	0.0	17.0	15.97	25	25	Back	0	0.556	1.256	0.714	0.714	0.444	Plot	18.7		
Body	LTE Band 13	10	QPSK	2	Keyboard	78772609	1:1	-0.05	782.00	23230	0.0	17.0	15.97	25	25	Back	0	0.556	1.256	0.765	0.765	0.556		22.7		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	-0.01	782.00	23230	0.0	17.0	16.04	1	25	Top	0	0.504	1.256	0.633	0.633	0.396		18.9		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	0.02	782.00	23230	0.0	17.0	15.97	25	25	Top	0	0.505	1.256	0.645	0.645	0.403		18.5		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	-0.11	782.00	23230	0.0	17.0	16.04	1	25	Bottom	0	0.605	1.256	0.901	0.901	0.605		46.0	18.4	16.0
Body	LTE Band 13	10	QPSK	2	N/A	470802609	1:1	0.10	782.00	23230	0.0	17.0	15.97	25	25	Bottom	0	0.503	1.256	0.604	0.604	0.403		41.1		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	-0.13	782.00	23230	0.0	17.0	16.04	1	25	Right	0	0.504	1.256	0.680	0.680	0.500		27.5		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	-0.03	782.00	23230	0.0	17.0	15.97	25	25	Right	0	0.504	1.256	0.686	0.686	0.504		27.0		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	0.08	782.00	23230	0.0	17.0	16.04	1	25	Left	0	0.503	1.256	0.616	0.616	0.403		18.4		
Body	LTE Band 13	10	QPSK	2	N/A	78782609	1:1	-0.01	782.00	23230	0.0	17.0	15.97	25	25	Left	0	0.504	1.256	0.618	0.618	0.411		14.5		
ANSI/IEEE CS1.1982 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-49
LTE Band 14 Antenna 2| Plot I7

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	P1min [dBm]	Overall P1min [dBm]	EFS P1min [dBm]
Body	LTE Band 14	10	QPSK	2	N/A	78782609	1:1	0.02	793.00	23330	0.0	17.0	16.04	1	0	Back	0	0.522	1.256	0.616	0.616	0.410	Plot	18.8		
Body	LTE Band 14	10	QPSK	2	N/A	78782609	1:1	0.02	793.00	23330	0.0	17.0	15.99	25	25	Back	0	0.526	1.282	0.662	0.662	0.444		18.7		
Body	LTE Band 14	10	QPSK	2	Keyboard	78782609	1:1	0.02	793.00	23330	0.0	17.0	15.99	25	25	Back	0	0.526	1.282	0.420	0.420	0.263		20.7		
Body	LTE Band 14	10	QPSK	2	N/A	78782609	1:1	0.02	793.00	23330	0.0	17.0	15.99	25	25	Top	0	0.499	1.256	0.619	0.619	0.397		19.0		
Body	LTE Band 14	10	QPSK	2	N/A	78782609	1:1	0.02	793.00	23330	0.0	17.0	15.92	25	25	Top	0	0.474	1.282	0.608	0.608	0.390		19.1		
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	0.01	793.00	23330	0.0	17.0	16.04	1	0	Bottom	0	0.501	1.256	0.601	0.601	0.401		26.6	18.7	16.0
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	0.14	793.00	23330	0.0	17.0	15.90	25	25	Bottom	0	0.501	1.282	0.604	0.604	0.401		41.1		
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	0.10	793.00	23330	0.0	17.0	16.04	1	0	Right	0	0.504	1.256	0.685	0.685	0.503		27.0		
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	0.07	793.00	23330	0.0	17.0	15.92	25	25	Right	0	0.573	1.282	0.694	0.694	0.509		27.2		
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	-0.01	793.00	23330	0.0	17.0	16.04	1	0	Left	0	0.501	1.256	0.616	0.616	0.401		18.3		
Body	LTE Band 14	10	QPSK	2	N/A	470802609	1:1	-0.15	793.00	23330	0.0	17.0	15.99	25	25	Left	0	0.509	1.282	0.613	0.613	0.408		35.9		
ANSI/IEEE CS1.1982 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-50
LTE Band 5 Antenna 2| Plot I8

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	P1min [dBm]	Overall P1min [dBm]	EFS P1min [dBm]
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.01	836.50	20525	0.0	17.2	16.22	1	0	Back	0	0.720	1.253	0.900	0.900	0.564	Plot	17.6		
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.02	836.50	20525	0.0	17.2	16.22	1	0	Back	0	0.403	1.253	0.505	0.505	0.316		20.1		
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.02	836.50	20525	0.0	17.2	16.20	25	25	Back	0	0.713	1.250	0.891	0.891	0.557		17.9		
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.08	836.50	20525	0.0	17.2	16.20	50	0	Back	0	0.684	1.250	0.874	0.874	0.546		17.7		
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.07	836.50	20525	0.0	17.2	16.23	1	0	Top	0	0.558	1.253	0.659	0.659	0.417		18.7		
Body	LTE Band 5	10	QPSK	2	N/A	78782609	1:1	0.08	836.50	20525	0.0	17.2	16.23	25	0	Top	0	0.547	1.250	0.648	0.648	0.418		18.5		
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.08	836.50	20525	0.0	17.2	16.22	1	0	Bottom	0	0.506	1.253	0.608	0.608	0.405		38.4	17.6	16.2
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.07	836.50	20525	0.0	17.2	16.23	25	0	Bottom	0	0.505	1.250	0.606	0.606	0.404		39.7		
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.05	836.50	20525	0.0	17.2	16.25	1	0	Right	0	0.501	1.253	0.608	0.608	0.403		27.2		
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.02	836.50	20525	0.0	17.2	16.23	25	25	Right	0	0.582	1.250	0.910	0.910	0.604		27.0		
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.01	836.50	20525	0.0	17.2	16.23	1	0	Left	0	0.501	1.253	0.614	0.614	0.404		34.3		
Body	LTE Band 5	10	QPSK	2	N/A	470802609	1:1	0.08	836.50	20525	0.0	17.2	16.23	25	0	Left	0	0.504	1.250	0.618	0.618	0.403		34.7		
Body	LTE Band 5	10	QPSK	2	ULCA 5B	78782609	1:1	-0.01	836.50	20525	0.0	17.2	15.96	1	0	Back	0	0.646	1.33	0.862	0.862	0.539		17.8		
ANSI/IEEE CS1.1982 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-51
LTE Band 26 Antenna 2| Plot I9

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	P1min [dBm]	Overall P1min [dBm]	EFS P1min [dBm]	
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	0.01	831.50	26865	0.0	17.2	16.12	1	0	Back	0	0.540	1.282	0.692	0.692	0.433	Plot	18.7			
Body	LTE Band 26	15	QPSK	2	Keyboard	787032609	1:1	-0.01	831.50	26865	0.0	17.2	16.17	1	0	Back	0	0.486	1.282	0.446	0.446	0.279		20.1			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	0.01	831.50	26865	0.0	17.2	16.16	36	37	Back	0	0.480	1.274	0.614	0.614	0.394		19.3			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	-0.01	831.50	26865	0.0	17.2	16.12	1	0	Top	0	0.480	1.282	0.590	0.590	0.369		19.4			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	-0.02	831.50	26865	0.0	17.2	16.15	36	37	Top	0	0.489	1.274	0.545	0.545	0.341		19.1			
Body	LTE Band 26	15	QPSK	2	N/A	470802609	1:1	0.09	831.50	26865	0.0	17.2	16.12	1	0	Bottom	0	0.503	1.282	0.604	0.604	0.403		41.3	18.7	16.2	
Body	LTE Band 26	15	QPSK	2	N/A	470802609	1:1	0.02	831.50	26865	0.0	17.2	16.15	36	37	Bottom	0	0.505	1.274	0.606	0.606	0.404		39.7			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	0.00	831.50	26865	0.0	17.2	16.12	1	0	Right	0	0.576	1.282	0.907	0.907	0.561		27.3			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	-0.06	831.50	26865	0.0	17.2	16.15	36	37	Right	0	0.571	1.274	0.900	0.900	0.556		27.0			
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	0.08	831.50	26865	0.0	17.2	16.17	36	1	0	Left	0	0.500	1.282	0.613	0.613	0.408		36.1		
Body	LTE Band 26	15	QPSK	2	N/A	787032609	1:1	0.08	831.50	26865	0.0	17.2	16.15	36	37	Left	0	0.512	1.274	0.615	0.615	0.409		3			
ANSI/IEEE C63.1.1992 - SAFETY LIMIT																		Body									
Spatial Peak																		1.0 W/kg (mW/g)									
Uncontrolled Exposure (General Population)																		averages less than 1 gram									

Table I-53
LTE Band 25 Antenna 6| Plot I11

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Dfth [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Pfmin [dBm]	Overall Pfmin [dBm]	EFS Pfmin [dBm]	
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.01	1882.50	26365	0.0	13.5	12.47	1	0	Back	0	0.561	1.268	0.762	0.762	0.476		14.6			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.01	1882.50	26365	0.0	13.5	12.37	50	25	Back	0	0.566	1.297	0.766	0.766	0.491	Plot	14.5			
Body	LTE Band 25	20	QPSK	6	Keyboard	4TDOV2609	1.1	0.00	1882.50	26365	0.0	13.5	12.37	50	25	Back	0	0.549	1.297	0.719	0.719	0.137		20.0			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.03	1882.50	26365	0.0	13.5	12.47	1	0	Top	0	0.521	1.268	0.662	0.662	0.444		15.2			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.00	1882.50	26365	0.0	13.5	12.37	50	25	Top	0	0.540	1.297	0.700	0.700	0.438		15.0			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.01	1882.50	26365	0.0	13.5	12.47	1	0	Bottom	0	0.006	1.268	0.000	0.000	0.000		52.4	14.5	12.5	
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.01	1882.50	26365	0.0	13.5	12.37	50	25	Bottom	0	0.001	1.267	0.000	0.000	0.000		42.3			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.01	1882.50	26365	0.0	13.5	12.47	1	0	Right	0	0.009	1.268	0.011	0.011	0.007		23.5			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	0.10	1882.50	26365	0.0	13.5	12.37	50	25	Right	0	0.007	1.297	0.009	0.009	0.006		33.9			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	-0.03	1882.50	26365	0.0	13.5	12.47	50	25	Left	0	0.328	1.266	0.424	0.424	0.265		17.2			
Body	LTE Band 25	20	QPSK	6	N/A	4TDOV2609	1.1	-0.03	1882.50	26365	0.0	13.5	12.37	50	25	Left	0	0.327	1.297	0.424	0.424	0.265		17.2			
ANSI/IEEE C63.1-1992 - SAFETY LIMIT												Body													1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population												averaged over 1 gram															

Table I-54
LTE Band 2 Antenna 6| Plot I12

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Addr Info	Accessory	Serial Number	Duty Cycle	Power Dfth [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Pfmin [dBm]	Overall Pfmin [dBm]	EFS Pfmin [dBm]
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.02	1880.00	18900	0.0	13.5	12.37	1	99	Back	0	0.406	1.339	0.751	0.751	0.460		14.2		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.00	1880.00	18900	0.0	13.5	12.34	50	50	Back	0	0.365	1.247	0.929	0.929	0.581	Plot	13.8		
Body	LTE Band 2	20	QPSK	6	N/A	Keyboard	4TDOV2609	1.1	0.01	1880.00	18900	0.0	13.5	12.34	50	50	Back	0	0.178	1.247	0.222	0.222	0.139		20.0		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.03	1880.00	18900	0.0	13.5	12.47	50	50	Back	0	0.484	1.211	0.828	0.828	0.518		14.3		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.00	1880.00	18900	0.0	13.5	12.40	50	50	Back	0	0.470	1.230	0.824	0.824	0.515		14.3		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.00	1880.00	18900	0.0	13.5	12.37	100	50	Back	0	0.420	1.229	0.785	0.785	0.495		14.4		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.00	1880.00	18900	0.0	13.5	12.37	1	99	Top	0	0.365	1.229	0.751	0.751	0.458		15.0		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.00	1880.00	18900	0.0	13.5	12.37	50	50	Top	0	0.380	1.211	0.702	0.702	0.439		15.0		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.03	1880.00	18900	0.0	13.5	12.47	1	99	Bottom	0	0.003	1.226	0.004	0.004	0.003		37.2	13.8	12.5
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.04	1880.00	18900	0.0	13.5	12.47	50	50	Bottom	0	0.003	1.211	0.004	0.004	0.003		37.8		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.03	1880.00	18900	0.0	13.5	12.37	1	99	Right	0	0.006	1.226	0.007	0.007	0.004		34.7		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.03	1880.00	18900	0.0	13.5	12.47	50	50	Right	0	0.006	1.211	0.011	0.011	0.005		33.1		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.01	1880.00	18900	0.0	13.5	12.37	1	99	Left	0	0.294	1.239	0.364	0.364	0.228		17.8		
Body	LTE Band 2	20	QPSK	6	N/A	N/A	4TDOV2609	1.1	0.03	1880.00	18900	0.0	13.5	12.47	50	50	Left	0	0.329	1.231	0.398	0.398	0.245		17.4		
Body	LTE Band 2	20	QPSK	6	ULCA 2C	N/A	4TDOV2609	1.1	0.02	1880.00	18900	0.0	13.5	12.43	50	50	Back	0	0.722	1.279	0.923	0.923	0.577		13.8		
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																				Body					1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population																				averaged over 1 gram							

Table I-55
LTE Band 30 Antenna 6| Plot I13

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Dfth [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Pfmin [dBm]	Overall Pfmin [dBm]	EFS Pfmin [dBm]
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	-0.07	2310.00	27720	0.0	13.0	11.84	1	49	Back	0	0.733	1.306	0.957	0.957	0.558		13.1		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	-0.02	2310.00	27720	0.0	13.0	11.81	25	25	Back	0	0.687	1.315	0.917	0.917	0.573		13.3		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.05	2310.00	27720	0.0	13.0	11.81	1	25	Back	0	0.726	1.318	0.983	0.983	0.583	Plot	13.6		
Body	LTE Band 30	10	QPSK	6	Keyboard	787DH2609	1.1	0.07	2310.00	27720	0.0	13.0	11.80	50	0	Back	0	0.685	1.318	0.107	0.107	0.067		22.7		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	-0.06	2310.00	27720	0.0	13.0	11.84	1	49	Top	0	0.626	1.306	0.818	0.818	0.511		13.8		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.05	2310.00	27720	0.0	13.0	11.81	25	25	Top	0	0.697	1.315	0.785	0.785	0.495		14.3		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.07	2310.00	27720	0.0	13.0	11.80	50	0	Top	0	0.647	1.318	0.853	0.853	0.533		13.0	13.0	12.0
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.07	2310.00	27720	0.0	13.0	11.80	50	0	Bottom	0	0.626	1.306	0.801	0.801	0.500		14.2		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.03	2310.00	27720	0.0	13.0	11.81	25	25	Bottom	0	0.001	1.315	0.001	0.001	0.001		41.6		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.04	2310.00	27720	0.0	13.0	11.84	1	49	Right	0	0.009	1.306	0.004	0.004	0.009		37.0		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.06	2310.00	27720	0.0	13.0	11.81	25	25	Right	0	0.002	1.315	0.004	0.004	0.009		37.0		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	0.00	2310.00	27720	0.0	13.0	11.84	1	49	Left	0	0.309	1.306	0.392	0.392	0.245		17.0		
Body	LTE Band 30	10	QPSK	6	N/A	787DH2609	1.1	-0.13	2310.00	27720	0.0	13.0	11.81	25	25	Left	0	0.324	1.315	0.334	0.334	0.209		17.2		
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																		Body					1.6 W/kg (mW/g)			
Uncontrolled Exposure/General Population																		averaged over 1 gram								

Table I-56
LTE Band 41 Antenna 6| Plot I14

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Ant Info	Accessory	Serial Number	Duty Cycle	Power Dfth [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Pfmin [dBm]	Overall Pfmin [dBm]	EFS Pfmin [dBm]
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.02	2506.00	39750	0.0	13.7	12.47	1	99	Back	0	0.791	1.327	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780	1.276	0.970	0.970	0.606		11.8		
Body	LTE Band 41	20	QPSK	6	N/A	N/A	787DH2609	1.1:58	0.01	2549.50	40385	0.0	13.7	12.44	1	0	Back	0	0.780								

Table I-57
LTE Band 41 Ant 6 Linearity Data

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	13.70	15.30
Measured Output Power (dBm)	12.45	14.18
Measured SAR (W/kg)	0.852	0.797
Measured Power (mW)	17.58	26.18
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	11.13	11.34
% deviation from expected linearity		-8.18%

Figure I-1
LTE Band 41 Ant 6 Linearity

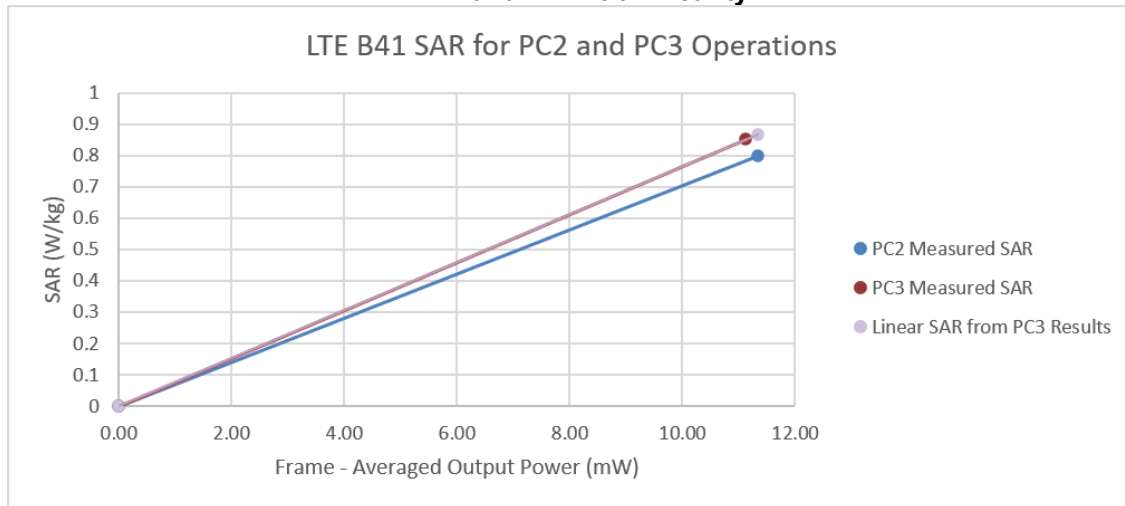


Table I-58
LTE Band 41 ULCA Ant 6 Linearity Data

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	13.7	15.3
Measured Output Power (dBm)	12.53	14.28
Measured SAR (W/kg)	0.837	0.814
Measured Power (mW)	17.91	26.79
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	11.33	11.60
% deviation from expected linearity		-4.98%

Figure I-2
LTE Band 41 ULCA Ant 6 Linearity

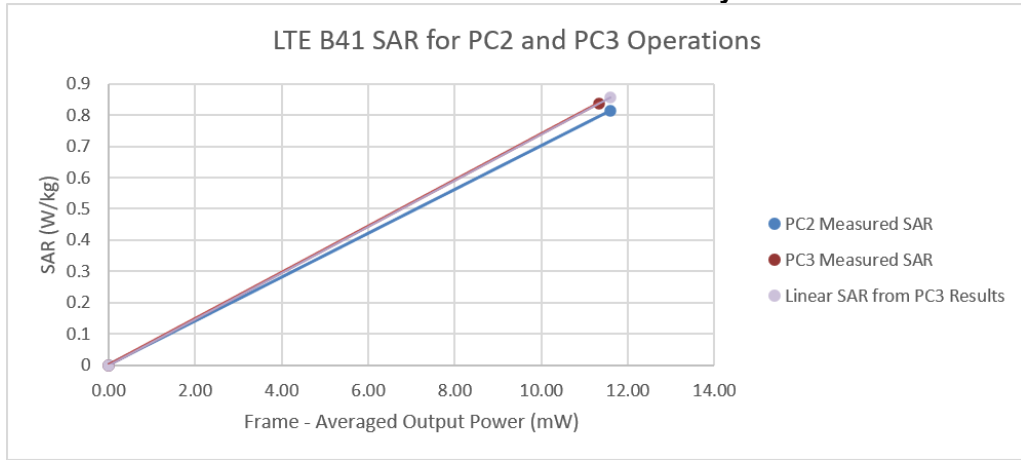


Table I-59
LTE Band 48 Antenna 1| Plot I15

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Add Info	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RF Size	RF Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	Plmth [dBm]	Overall Plmth [dBm]	RF Plmth [dBm]
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	-0.08	3560.00	53340	0.0	11.2	10.38	1	99	Back	0	0.727	1.222	0.888	0.888	0.555		9.7		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.02	3560.30	53373	0.0	11.2	10.15	1	99	Back	0	0.724	1.271	0.907	0.907	0.567		9.6		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.03	3560.70	53207	0.0	11.2	9.95	1	0	Back	0	0.725	1.346	0.989	0.989	0.618		9.2		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.03	3560.00	55640	0.0	11.2	9.60	1	0	Back	0	0.745	1.426	1.052	1.052	0.684		8.9		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.06	3560.00	53340	0.0	11.2	10.38	50	50	Back	0	0.744	1.230	0.920	0.920	0.575		9.3		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.00	3560.20	53207	0.0	11.2	10.00	50	0	Back	0	0.752	1.318	0.951	0.951	0.619		9.2		
Body	LTE Band 48	20	QPSK	1	N/A	Keyboard	7878B2609	1:1.58	0.08	3560.00	55640	0.0	11.2	9.82	50	0	Back	0	0.810	1.374	0.179	0.179	0.112		16.6		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.05	3560.00	53340	0.0	11.2	10.38	50	0	Back	0	0.842	1.222	0.724	0.724	0.446		10.9		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.05	3560.00	53340	0.0	11.2	10.38	1	99	Top	0	0.871	1.222	0.453	0.453	0.283		12.6		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7870H2609	1:1.58	0.03	3560.00	53340	0.0	11.2	10.38	50	50	Top	0	0.881	1.208	0.472	0.472	0.295		12.4		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.03	3560.00	53340	0.0	11.2	10.38	1	99	Bottom	0	0.901	1.222	0.001	0.001	0.001		18.3		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.04	3560.00	53340	0.0	11.2	10.38	50	50	Bottom	0	0.901	1.208	0.001	0.001	0.001		18.3		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.09	3560.00	53340	0.0	11.2	10.38	1	99	Right	0	0.977	1.222	0.094	0.094	0.059		19.4		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.04	3560.00	53340	0.0	11.2	10.38	50	50	Right	0	0.987	1.208	0.117	0.117	0.072		18.1		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.06	3560.00	53340	0.0	11.2	10.38	1	99	Left	0	0.980	1.222	0.001	0.001	0.001		18.3		
Body	LTE Band 48	20	QPSK	1	N/A	N/A	7878B2609	1:1.58	0.01	3560.00	53340	0.0	11.2	10.38	50	50	Left	0	0.980	1.208	0.000	0.000	0.000		18.3		
Body	LTE Band 48	20	QPSK	1	ULCA-ABC	N/A	7870H2609	1:1.58	0.00	3560.00	55640	0.0	11.2	9.72	1	0	Back	0	0.750	1.406	1.055	1.055	0.659		8.9		
AND/IEEE C95.1.1992 - SAFETY LIMIT																											
Spatial Peak																											
Uncontrolled Exposure/General Population																											
Body																											
1.6 W/kg (mW/g)																											
averaged over 1 gram																											

Table I-60
LTE Band 48 Antenna 6

Exposure	Band / Mode	Bandwidth [kHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [kHz]	Channel #	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RF Size	RF Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #	Limit [dBm]	Overall Plot [dBm]	RF Plot [dBm]	
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	-0.12	3560.00	53340	0.0	9.2	8.71	1	0	Back	0	0.449	1.119	0.502	0.502	0.314		12.1			
Body	LTE Band 48	20	QPSK	6	Keyboard	470D2609	1:1	0.20	3560.00	53340	0.0	9.2	8.71	1	0	Back	0	0.506	1.119	0.096	0.096	0.060		19.3			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	-0.04	3560.00	53340	0.0	9.2	8.75	50	0	Back	0	0.459	1.109	0.499	0.499	0.312		12.1			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.08	3560.00	53340	0.0	9.2	8.71	1	0	Top	0	0.501	1.119	0.102	0.102	0.064		19.3			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.09	3560.00	53340	0.0	9.2	8.75	50	0	Top	0	0.509	1.109	0.099	0.099	0.062		19.2			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.09	3560.00	53340	0.0	9.2	8.71	1	0	Bottom	0	0.500	1.119	0.100	0.100	0.060		19.3			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.01	3560.00	53340	0.0	9.2	8.75	50	0	Bottom	0	0.500	1.109	0.000	0.000	0.000		48.7	12.1	8.2	
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.09	3560.00	53340	0.0	9.2	8.71	1	0	Right	0	0.500	1.119	0.000	0.000	0.000		48.7			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.02	3560.00	53340	0.0	9.2	8.75	50	0	Right	0	0.500	1.109	0.000	0.000	0.000		48.7			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.17	3560.00	53340	0.0	9.2	8.71	1	0	Left	0	0.540	1.119	0.045	0.045	0.028		22.6			
Body	LTE Band 48	20	QPSK	6	N/A	470D2609	1:1	0.07	3560.00	53340	0.0	9.2	8.75	50	0	Left	0	0.551	1.109	0.045	0.045	0.028		22.6			
ANSI/IEEE C95.1.1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																								1.5 W/kg (mW/g) Body averaged over 1 gram			

Table I-61
NR Band n71 Antenna 2| Plot I16

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RF Size	RF Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [g SAR]	Plot #	Plot [dBm]	Overall Plot [dBm]	RF Plot [dBm]
Body	NR Band n71	20	QPSK	2	N/A	7870J2609	1:1	0.05	680.50	136100	OFDM	0.0	17.5	16.62	1	1	Back	0	0.513	1.225	0.628	0.628	0.393	Plot	19.5		
Body	NR Band n71	20	QPSK	2	Keyboard	7870J2609	1:1	-0.03	680.50	136100	OFDM	0.0	17.5	16.82	1	1	Back	0	0.535	1.225	0.440	0.440	0.256		21.3		
Body	NR Band n71	20	QPSK	2	N/A	7870J2609	1:1	0.00	680.50	136100	OFDM	0.0	17.5	16.58	50	0	Back	0	0.447	1.236	0.552	0.552	0.345		20.0		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	0.00	680.50	136100	OFDM	0.0	17.5	16.62	1	1	Back	0	0.504	1.227	0.618	0.618	0.385		19.5		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	0.00	680.50	136100	OFDM	0.0	17.5	16.62	1	1	Top	0	0.505	1.225	0.472	0.472	0.295		20.7		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	0.00	680.50	136100	OFDM	0.0	17.5	16.58	50	0	Top	0	0.505	1.236	0.476	0.476	0.298		20.7		
Body	NR Band n71	20	QPSK	2	N/A	7870J2609	1:1	0.07	680.50	136100	OFDM	0.0	17.5	16.82	1	1	Bottom	0	0.504	1.225	0.005	0.005	0.003		40.5		
Body	NR Band n71	20	QPSK	2	N/A	7870J2609	1:1	0.00	680.50	136100	OFDM	0.0	17.5	16.58	50	0	Bottom	0	0.502	1.336	0.627	0.627	0.393		19.5		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	-0.01	680.50	136100	OFDM	0.0	17.5	16.62	1	1	Right	0	0.504	1.225	0.606	0.606	0.381		19.5		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	-0.10	680.50	136100	OFDM	0.0	17.5	16.58	50	0	Right	0	0.504	1.316	0.067	0.067	0.042		29.2		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	-0.03	680.50	136100	OFDM	0.0	17.5	16.62	1	1	Left	0	0.517	1.225	0.611	0.611	0.383		19.5		
Body	NR Band n71	20	QPSK	2	N/A	7878B2609	1:1	0.05	680.50	136100	OFDM	0.0	17.5	16.58	50	0	Left	0	0.513	1.336	0.616	0.616	0.390		19.5		
AND/IEEE C95.1.1992 - SAFETY LIMIT																											
Spatial Peak																											
Uncontrolled Exposure/General Population																											
Body																											
1.6 W/kg (mW/g)																											
averaged over 1 gram																											

Table I-62
NR Band n12 Antenna 2| Plot I17

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Airt.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RIS Size	RIS Offset	Test Position	Spacing [mm]	Measured Ig Sat [W/kg]	Power Scaling Factor	Reported Ig Sat [W/kg]	Adjusted Ig Sat [W/kg]	Exposure Ratio [Ig Sat]	Pilot s	FIMR [dBm]	Overall FIMR [dBm]	rFS Pilot [dBm]
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98A0609	L-1	-0.01	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.66	1	1	Back	0	0.528	1.132	0.508	0.508	0.374	Floor	18.4		
Body	NIR Band n12	15	OQPSK	-2	Keyboard	78T98A0610	L-1	-0.08	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.66	1	1	Back	0	0.528	1.132	0.284	0.284	0.178		21.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98B009	L-1	0.04	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.88	36	0	Top	0	0.520	1.127	0.586	0.586	0.386		18.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98B009	L-1	-0.02	707.50	141500	e-CFOM-eG	0.0	16.2	15.73	1	1	Back	0	0.502	1.154	0.560	0.560	0.353		18.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98B009	L-1	0.00	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.66	1	1	Top	0	0.389	1.130	0.452	0.452	0.283		19.2		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98B009	L-1	0.00	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.66	36	0	Bottom	0	0.489	1.127	0.548	0.548	0.347		18.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T010009	L-1	0.04	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.88	1	1	Bottom	0	0.002	1.132	0.002	0.002	0.002		42.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T123009	L-1	0.07	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.88	36	0	Bottom	0	0.002	1.127	0.002	0.002	0.002		42.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T123009	L-1	0.00	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.88	1	1	Bottom	0	0.002	1.132	0.002	0.002	0.002		42.6		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98A009	L-1	0.09	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.88	36	0	Right	0	0.094	1.127	0.018	0.018	0.024		30.3		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98B009	L-1	0.09	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.66	1	1	Left	0	0.012	1.132	0.014	0.014	0.009		34.1		
Body	NIR Band n12	15	OQPSK	-2	N/A	78T98A009	L-1	0.01	707.50	141500	OFF+e-GOFDM	0.0	16.2	15.68	36	0	Left	0	0.012	1.127	0.014	0.014	0.009		34.1		
ANSI/X3E C94.1 EPPC - SAFETY LIMIT																											
Uncontrolled Exposure (General Population)																											
																				Body 1.5 W/kg (avg) @ 1 g averaged over 1 gram							

Table I-63
NR Band n14 Antenna 2| Plot I18

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured E_{SAR} [W/kg]	Power Scaling Factor	Reported E_{SAR} [W/kg]	Adjusted E_{SAR} [W/kg]	Exposure Ratio [to SAR]	Plot #	Pinch [dBm]	Overall Pinch [dBm]	TS Pinch [dBm]
Body	NR Band n14	10	QPSK	2	N/A	781823609	1:1	-0.03	793.00	158600	DFT-F+QDPM	0.0	17.0	16.65	1	26	Back	0	0.468	1.245	0.583	0.583	0.584		19.1		
Body	NR Band n14	10	QPSK	2	KeyBoard	781823609	1:1	0.01	793.00	158600	DFT-F+QDPM	0.0	17.0	16.65	1	26	Back	0	0.273	1.245	0.340	0.340	0.213		21.6		
Body	NR Band n14	10	QPSK	2	N/A	781823509	1:1	0.03	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	25	14	Back	0	0.474	1.227	0.580	0.580	0.363		19.0		
Body	NR Band n14	10	QPSK	2	N/A	781823509	1:1	-0.00	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	1	1	Back	0	0.223	0.580	0.580	0.583	0.393	Plot #1	20.7		
Body	NR Band n14	10	QPSK	2	N/A	781823609	1:1	0.01	793.00	158600	DFT-F+QDPM	0.0	17.0	16.85	1	26	Top	0	0.400	1.245	0.504	0.504	0.335		19.3		
Body	NR Band n14	10	QPSK	2	N/A	781823509	1:1	-0.00	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	25	14	Back	0	0.474	1.227	0.580	0.580	0.363		19.0		
Body	NR Band n14	10	QPSK	2	N/A	781701309	1:1	-0.21	793.00	158600	DFT-F+QDPM	0.0	17.0	16.05	1	26	Bottom	0	0.902	1.245	0.006	0.006	0.004		30.5	19.1	
Body	NR Band n14	10	QPSK	2	N/A	781701309	1:1	0.07	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	25	14	Bottom	0	0.895	1.227	0.006	0.006	0.004		39.1		
Body	NR Band n14	10	QPSK	2	N/A	781823609	1:1	-0.03	793.00	158600	DFT-F+QDPM	0.0	17.0	16.85	1	26	Back	0	0.400	1.245	0.504	0.504	0.335		19.3		
Body	NR Band n14	10	QPSK	2	N/A	781823609	1:1	-0.18	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	25	14	Right	0	0.805	1.227	0.067	0.067	0.042		28.7		
Body	NR Band n14	10	QPSK	2	N/A	781823509	1:1	0.05	793.00	158600	DFT-F+QDPM	0.0	17.0	16.55	1	26	Left	0	0.014	1.245	0.017	0.017	0.011		34.5		
Body	NR Band n14	10	QPSK	2	N/A	781823609	1:07	0.07	793.00	158600	DFT-F+QDPM	0.0	17.0	16.11	25	14	Left	0	0.014	1.227	0.017	0.017	0.011		34.6		
ANALYZE CRLS 1592 - SWEET LUMP																				Body							
Spatial Peak																				1.5 W/kg							
Uncorrelated Exposure (General Population)																				averaged over 5 gsm							

Table I-64
NR Band n5 Antenna 2| Plot I19

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power DTH [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RIS Size	RIS Offset	Test Position	Spacing [mm]	Measured 1σ SAR [W/kg]	Power Scaling Factor	Reported 1σ SAR [W/kg]	Adjusted 1σ SAR [W/kg]	Exposure Ratio [2g SAR]	Pilot #	Pinch [dBm]	Overall Pinch [dBm]	RF Sens [dBm]
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.04	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Back	0	0.667	1.230	0.830	0.820	0.513				18.0
Body	NB Band v5	20	QPSK	2	Keyboard	787882609	1:1	-0.16	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Back	0	0.396	1.230	0.487	0.487	0.304				20.3
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.01	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Back	0	0.410	1.230	0.513	0.513	0.408				18.0
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.03	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	100	0	Back	0	0.440	1.231	0.789	0.789	0.493				18.2
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.05	836.50	167800	CP-OFDM	0.0	17.2	16.34	1	1	Back	0	0.668	1.231	0.814	0.814	0.509				18.2
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.01	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Top	0	0.410	1.231	0.513	0.513	0.387				19.1
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	0.02	836.50	167800	DFT-s-OFDM	0.0	17.2	16.39	50	0	Top	0	0.499	1.205	0.603	0.603	0.376				17.4
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.06	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	50	0	Bottom	0	0.410	1.231	0.513	0.513	0.304				18.0
Body	NB Band v5	20	QPSK	2	N/A	787821069	1:1	-0.06	836.50	167800	DFT-s-OFDM	0.0	17.2	16.39	50	0	Bottom	0	0.607	1.205	0.608	0.608	0.005				19.8
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	0.02	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Right	0	0.076	1.230	0.096	0.096	0.060				27.3
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.06	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Right	0	0.410	1.230	0.513	0.513	0.304				18.0
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	0.02	836.50	167800	DFT-s-OFDM	0.0	17.2	16.30	1	1	Left	0	0.076	1.230	0.058	0.058	0.011				24.1
Body	NB Band v5	20	QPSK	2	N/A	787882609	1:1	-0.03	836.50	167800	DFT-s-OFDM	0.0	17.2	16.34	1	0	Left	0	0.024	1.230	0.027	0.027	0.021				34.8
ANSI/IEEE C95.1-1992 - SAFETY LIMIT																											
Spatial Peak Uncontrolled Exposure (General Population)																		1.6 W/kg (W/kg) averaged over 6 g/m									

Table I-65
NR Band n26 Antenna 2| Plot I20

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel ID	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RIS Size	RIS Offset	Test Position	Spacing [mm]	Measured EIRP SAE [dBm]	Power Scaling Factor	Reported EIRP SAE [dBm]	Adjusted EIRP SAE [dBm]	Exposure Rate [µg SAR]	P1st [dBm]	Overall P1st [dBm]	FS [dBm]
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.02	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	1	53	Back	0	0.453	1.081	0.533	0.533	0.333		19.7	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	0.03	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	50	0	Back	0	0.528	1.062	0.562	0.562	0.351	Foot	18.9	
Body	NR Band n26	20	QPSK	2	Keyboard	781882509	1:1	-0.08	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	50	0	Back	0	0.342	1.062	0.390	0.390	0.244		21.2	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.06	831.50	166300	CP-OFDM	0.0	17.2	16.96	1	1	Back	0	0.441	1.062	0.465	0.465	0.271		20.5	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.03	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	1	53	Top	0	0.371	1.081	0.401	0.401	0.251	21.1		
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	0.01	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	50	0	Top	0	0.406	1.062	0.431	0.431	0.269		20.8	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.17	831.50	166300	SDT+GOFDM	0.0	17.2	16.96	1	53	Bottom	0	0.188	1.081	0.406	0.406	0.271	19.7	16.2	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.10	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	50	0	Bottom	0	0.306	1.062	0.406	0.406	0.264		20.1	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.05	831.50	166300	CP-OFDM	0.0	17.2	16.96	50	0	Right	0	0.458	1.062	0.493	0.493	0.303		21.7	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.06	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	1	0	Right	0	0.385	1.062	0.405	0.405	0.253		22.0	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	0.05	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	1	53	Left	0	0.510	1.081	0.511	0.511	0.307		27.6	
Body	NR Band n26	20	QPSK	2	N/A	781882509	1:1	-0.08	831.50	166300	DFT+GOFDM	0.0	17.2	16.96	1	0	Left	0	0.311	1.062	0.312	0.312	0.208		35.5	
ANSI/IEEE C63.1 1997 - SAFETY LIMIT															Body											
Spatial Peak															1.6 W/kg (mW/g)											
Uncontrolled Exposure (General Population)															0.08 W/kg (mW/g)											

Table I-66
NR Band n66 Antenna 6| Plot I21

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [kHz]	Channel #	Waveform	MPR [%]	Max Allowed Power [dBm]	Conducted Power [dBm]	RIS Size	RIS Offset	Test Position	Spacing [mm]	Measured Irg Sat [dBm]	Power Scaling Factor	Reported Irg Sat [dBm]	Adjusted Irg Sat [dBm]	Exposure Rate [μA/Sq]	Pilot #	FIMR [dB]	Overall FIMR [dB]	RF FIMR [dB]
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.07	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.24	1	214	Back	0	0.915	1.247	1.143	1.143	0.714	Pilot	13.5		
Body	NIR band nids	40	GFSK	E	Keyboard	781032699	1:1	0.02	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.26	1	214	Back	0	0.912	1.247	0.289	0.289	0.181		13.5		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.06	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.23	1	214	Back	0	0.913	1.226	0.464	0.464	0.289		13.5		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.06	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.25	1	214	Back	0	0.895	1.226	1.124	1.124	0.703		13.6		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.14	1745.00	349000	CP-OFDM	0.0	14.2	13.34	1	214	Back	0	0.854	1.226	1.092	1.092	0.683		13.6		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.03	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.28	1	214	Top	0	0.863	1.247	0.725	0.725	0.453		13.5		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	-0.01	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.32	108	Both	Top	0	0.941	1.225	0.748	0.748	0.468	15.4	13.6	13.2	
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	0.05	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.42	1	214	Bottom	0	0.904	1.247	0.005	0.005	0.005		13.4		
Body	NIR band nids	40	GFSK	E	N/A	781032699	1:1	0.06	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.40	1	214	Bottom	0	0.907	1.247	0.725	0.725	0.453		13.4		
Body	NIR band nids	40	CPFSK	E	N/A	417040629	1:1	-0.15	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.28	1	214	Right	0	0.923	1.247	0.026	0.026	0.016		30.0		
Body	NIR band nids	40	CPFSK	E	N/A	417040629	1:1	-0.02	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.28	108	Both	Left	0	0.900	1.247	0.026	0.026	0.016		30.0		
Body	NIR band nids	40	CPFSK	E	N/A	781032699	1:1	-0.08	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.24	1	214	Left	0	0.993	1.247	0.490	0.490	0.306	17.7	13.5		
Body	NIR band nids	40	CPFSK	E	N/A	781032699	1:1	-0.04	1745.00	349000	DFT+G-OFDM	0.0	14.2	13.32	108	Both	Left	0	0.939	1.225	0.464	0.464	0.290	17.3	13.5		
ANALYZED CUS TEST - 1.5W EUTRA-LTE															Spatial Peak Unmodulated Carrier (Maximum Modulation)										1.5 W Prg (mW/g)		

Table I-67
NR Band n25 Antenna 6| Plot I22

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [W/kg]	Conducted Power [W/kg]	RIS Size	RIS Offset	Test Position	Spacing [mm]	Measured SAR [W/kg]	Power Safety Factor	Reported SAR [W/kg]	Adjusted SAR [W/kg]	Exposure Limit (1g SAR)	Pilot #	Planck [J/m ²]	Overall Planck [J/m ²]	FS Planck [J/m ²]
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.01	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Back	0	0.608	1.439	0.875	0.875	0.547			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.02	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Back	0	0.628	1.403	0.894	0.894	0.555			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.16	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Back	0	0.695	1.439	0.935	0.935	0.584			13.7	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	0.09	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Top	0	0.854	1.439	0.937	0.937	0.586	Pilot 137		14.0	
Body	NR Band n25	40	QPSK	6	Antenna Port 1	4710020609	1:1	-0.16	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Top	0	0.895	1.439	0.935	0.935	0.584			13.7	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	0.02	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Top	0	0.642	1.403	0.869	0.869	0.552			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.01	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Top	0	0.608	1.439	0.875	0.875	0.547			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	0.16	1882.50	376500	CP-OFDM	0.0	13.5	11.97	1	1	Bottom	0	0.573	1.422	0.815	0.815	0.509			13.7	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	0.02	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Bottom	0	0.505	1.439	0.904	0.904	0.503			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.01	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Back	0	0.608	1.439	0.875	0.875	0.547			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	0.02	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Left	0	0.504	1.439	0.906	0.906	0.504			13.6	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.01	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Back	0	0.608	1.439	0.875	0.875	0.547			14.0	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.04	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	1	214	Left	0	0.307	1.439	0.942	0.942	0.276			13.6	
Body	NR Band n25	40	QPSK	6	N/A	4710020609	1:1	-0.03	1882.50	376500	QPS-SS-OFDM	0.0	13.5	11.92	108	Top	Left	0	0.521	1.403	0.852	0.852	0.283			13.7	
ANDRUEX CPS-1 EPD - SAFETY LIMIT																											
General Peak																											
Uncontrolled Exposure (General Population)																											
																				Body		5.0 W/kg (new) averaged over 10 min					

Table I-68
NR Band n30 Antenna 6| Plot I23

[illegible]

Table I-69
NR Band n41 Antenna 1

[illegible]

Table I-70
NR Band n41 Antenna 6| Plot I24

[illegible]

Table I-71
NR Band n48 Antenna 1

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [GHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RIS Size	RIS Offset	Test Position	Spacing [cm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio [%]	Plot #	PLM# [dBm]	Overall PLM# [dBm]	RF PLM# [dBm]
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	1	104	Back	0	0.705	1.130	0.797	0.797	0.498			10.1	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5624.890	4416666	QPSK + OFDM	0.0	9.2	8.87	1	1	Back	0	0.857	1.236	0.812	0.812	0.508			10.1	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5624.890	4416666	QPSK + OFDM	0.0	9.2	8.87	1	104	Back	0	0.705	1.130	0.797	0.797	0.498			10.1	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.04	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.80	100	0	Back	0	0.714	1.148	0.820	0.820	0.513			10.0	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.02	5624.890	4416666	QPSK + OFDM	0.0	9.2	8.88	100	0	Back	0	0.874	1.271	0.894	0.894	0.534			9.8	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5624.890	4416666	QPSK + OFDM	0.0	9.2	8.88	1200	0	Back	0	0.875	1.293	0.894	0.894	0.534			9.8	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.04	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	100	0	Back	0	0.718	1.156	0.828	0.828	0.518			10.0	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.88	100	0	Back	0	0.718	1.156	0.828	0.828	0.518			10.0	
Body	NR Band n4b	40	QPSK	1	Replayhorn	4710014901	1:1	-0.01	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.46	1	1	Back	0	0.211	1.131	0.140	0.140	0.088			17.7	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.05	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	1	104	Top	0	0.996	1.130	0.440	0.440	0.279			12.6	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.07	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.88	1	104	Bottom	0	0.996	1.130	0.440	0.440	0.279			12.6	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.01	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	1	104	Bottom	0	0.905	1.130	0.606	0.606	0.004			11.6	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.05	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	1	104	Bottom	0	0.905	1.130	0.606	0.606	0.004			11.6	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.05	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.87	1	104	Right	0	0.076	1.130	0.084	0.084	0.053			19.9	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.05	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.80	100	0	Right	0	0.076	1.148	0.088	0.088	0.053			19.9	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.05	5170.000	4380000	QPSK + OFDM						Right	0	0.076	1.075	0.093	0.093	0.007			19.9	
Body	NR Band n4b	40	QPSK	1	N/A	7818282609	1:1	-0.09	5170.000	4380000	QPSK + OFDM	0.0	9.2	8.60	100	0	Left	0	0.303	1.148	0.003	0.003	0.002			33.8	
Additional CEM 1 & 2 (SAR - SAR) Test																											
Spatial Peak																											
1.6 W/kg [mW/kg]																											

Approved by:
Technical Manager

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Table I-72
NR Band n48 Antenna 6

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RF Size	RF Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]	RF5 Plimit [dBm]
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.01	3570.00	638000	DFT-s-OFDM	0.0	9.2	8.94	1	104	Back	0	0.766	1.306	0.974	0.974	0.009	9.3			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.06	3624.99	641666	DFT-s-OFDM	0.0	9.2	9.23	1	104	Back	0	0.755	1.455	1.002	1.002	0.051	9.0			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.05	3579.98	645332	DFT-s-OFDM	0.0	9.2	7.79	1	1	Back	0	0.715	1.384	0.990	0.990	0.039	9.2			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.08	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	50	0	Back	0	0.729	1.337	0.960	0.960	0.040	9.3			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.01	3624.99	641666	DFT-s-OFDM	0.0	9.2	7.85	50	0	Back	0	0.729	1.459	1.009	1.009	0.056	8.9			
Body	NR Band n48	40	QPSK	6	Keyboard	47002609	1:1	0.04	3624.99	641666	DFT-s-OFDM	0.0	9.2	7.85	50	0	Back	0	0.724	1.459	1.081	1.081	0.113	16.5			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.00	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.75	50	0	Back	0	0.695	1.395	0.972	0.972	0.038	9.3			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.01	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.80	100	0	Back	0	0.715	1.349	0.965	0.965	0.043	9.3			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.03	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.52	1	1	Back	0	0.695	1.363	0.933	0.933	0.043	9.4			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.05	3570.00	638000	DFT-s-OFDM	0.0	9.2	8.04	1	104	Top	0	0.687	1.305	0.114	0.114	0.071	18.6			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.04	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	50	0	Top	0	0.696	1.337	0.128	0.128	0.080	18.1			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.05	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	1	104	Bottom	0	0.695	1.306	0.000	0.000	0.000	48.0			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.00	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	50	0	Bottom	0	0.695	1.337	0.000	0.000	0.000	47.9			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	-0.01	3570.00	638000	DFT-s-OFDM	0.0	9.2	8.04	1	104	Right	0	0.695	1.306	0.000	0.000	0.000	48.0			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.01	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	50	0	Right	0	0.695	1.337	0.000	0.000	0.000	47.8			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.06	3570.00	638000	DFT-s-OFDM	0.0	9.2	8.04	1	104	Left	0	0.689	1.306	0.002	0.002	0.003	22.0			
Body	NR Band n48	40	QPSK	6	N/A	78782609	1:1	0.00	3570.00	638000	DFT-s-OFDM	0.0	9.2	7.84	50	0	Left	0	0.695	1.337	0.006	0.006	0.005	21.7			
ANS/IEEE C95.1.1982 - SAFETY LIMIT																							Body				
Spatial Peak																							1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																							averaged over 1 gram				

Table I-73
NR Band n48 Antenna 7

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]	RF5 Plimit [dBm]				
Body	NR Band n48	40	7	N/A	41002609	1:1	0.10	3570.00	638000	CW/SRS	11.0	20.14	Back	0	0.168	1.219	0.205	0.205	0.128		17.8						
Body	NR Band n48	40	7	N/A	41002609	1:1	0.09	3570.00	638000	CW/SRS	11.0	20.14	Top	0	0.011	1.219	0.013	0.013	0.008		29.7						
Body	NR Band n48	40	7	N/A	41002609	1:1	-0.04	3570.00	638000	CW/SRS	11.0	20.14	Bottom	0	0.085	1.219	0.104	0.104	0.065		20.8						
Body	NR Band n48	40	7	N/A	41002609	1:1	0.09	3570.00	638000	CW/SRS	11.0	20.14	Right	0	0.096	1.219	0.007	0.007	0.004		52.3						
Body	NR Band n48	40	7	N/A	41002609	1:1	0.04	3570.00	638000	CW/SRS	11.0	20.14	Left	0	0.807	1.219	0.984	0.984	0.615		10.1						
Body	NR Band n48	40	7	N/A	41002609	1:1	0.00	3624.99	641666	CW/SRS	11.0	9.85	Left	0	0.809	1.315	1.064	1.064	0.665		10.7						
Body	NR Band n48	40	7	N/A	41002609	1:1	0.05	3624.99	641666	CW/SRS	11.0	9.85	Left	0	0.848	1.303	1.106	1.106	0.691		10.5						
Body	NR Band n48	40	7	Keyboard	41002609	1:1	0.01	3679.98	645332	CW/SRS	11.0	9.85	Left	0	0.857	1.303	1.117	1.117	0.688		10.5						
ANS/IEEE C95.1.1982 - SAFETY LIMIT																							Body				
Spatial Peak																							1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																							averaged over 1 gram				

Table I-74
NR Band n48 Antenna 8| Plot I25

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]	RF5 Plimit [dBm]				
Body	NR Band n48	40	8	N/A	41002609	1:1	0.07	3570.00	638000	CW/SRS	11.0	20.29	Back	0	0.146	1.178	0.172	0.172	0.108		18.6						
Body	NR Band n48	40	8	N/A	41002609	1:1	0.03	3570.00	638000	CW/SRS	11.0	20.29	Top	0	0.013	1.178	0.015	0.015	0.009		29.1						
Body	NR Band n48	40	8	N/A	41002609	1:1	-0.10	3570.00	638000	CW/SRS	11.0	20.29	Bottom	0	0.057	1.178	0.067	0.067	0.042		22.7						
Body	NR Band n48	40	8	N/A	41002609	1:1	0.00	3570.00	638000	CW/SRS	11.0	20.29	Right	0	0.081	1.178	0.038	0.038	0.049		10.8						
Body	NR Band n48	40	8	N/A	41002609	1:1	-0.04	3624.99	641666	CW/SRS	11.0	20.01	Right	0	0.910	1.256	1.143	1.143	0.714		10.4						
Body	NR Band n48	40	8	Keyboard	41002609	1:1	-0.01	3624.99	641666	CW/SRS	11.0	20.01	Right	0	0.976	1.256	1.226	1.226	0.766	Plot	10.1						
Body	NR Band n48	40	8	N/A	41002609	1:1	0.08	3624.99	641666	CW/SRS	11.0	20.01	Right	0	0.838	1.287	1.087	1.087	0.679		10.6						
Body	NR Band n48	40	8	N/A	41002609	1:1	0.01	3570.00	638000	CW/SRS	11.0	20.29	Left	0	0.000	1.178	0.000	0.000	0.000		50.2						
ANS/IEEE C95.1.1982 - SAFETY LIMIT																							Body				
Spatial Peak																							1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																							averaged over 1 gram				

Table I-75
NR Band n77 Antenna 1

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPE [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RF Size	RF Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]	RF5 Plimit [dBm]
Body	NR Band n77 Dvb	100	QPSK	1	N/A	78782609	1:1	-0.12	3500.01	633334	DFT-s-OFDM	0.0	8.7	7.99	1	1	Back	0	0.555	1.178	0.649	0.649	0.406	10.5			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.00	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.48	1	1	Back	0	0.547	1.349	0.738	0.738	0.461	10.0			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.01	3630.00	642000	DFT-s-OFDM	0.0	8.7	7.48	1	1	Back	0	0.509	1.387	0.706	0.706	0.441	10.2			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.00	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.72	135	0	Back	0	0.521	1.358	0.728	0.728	0.443	10.3			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.09	3630.00	642000	DFT-s-OFDM	0.0	8.7	7.17	135	0	Back	0	0.485	1.452	0.685	0.685	0.403	10.1			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	0.00	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.23	270	0	Back	0	0.585	1.403	0.821	0.821	0.513	9.5			
Body	NR Band n77	100	QPSK	1	Keyboard	78782609	1:1	0.11	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.73	270	0	Back	0	0.547	1.401	0.999	0.999	0.514	15.7			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.01	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.13	1	1	Back	0	0.509	1.309	0.741	0.741	0.463	10.0			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	0.11	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.48	1	1	Top	0	0.510	1.349	0.701	0.701	0.443	14.0			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	0.07	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.37	135	0	Top	0	0.509	1.358	0.263	0.263	0.164	14.4			
Body	NR Band n77	100	QPSK	1	N/A	41002609	1:1	-0.03	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.40	1	1	Bottom	0	0.505	1.349	0.007	0.007	0.004	30.4			
Body	NR Band n77	100	QPSK	1	N/A	41002609	1:1	0.06	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.73	135	0	Bottom	0	0.505	1.358	0.005	0.005	0.003	13.1			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.16	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.40	1	1	Right	0	0.508	1.349	0.078	0.078	0.049	19.7			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.18	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.13	135	0	Right	0	0.501	1.358	0.080	0.080	0.050	19.1			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	0.07	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.40	1	1	Left	0	0.505	1.349	0.000	0.000	0.000	47.3			
Body	NR Band n77	100	QPSK	1	N/A	78782609	1:1	-0.03	3750.00	650000	DFT-s-OFDM	0.0	8.7	7.17	135	0	Left	0	0.501	1.358	0.001	0.001	0.001	37.1			
AN/USC-65 COL-0202 - SAFETY LIMIT																											
Spatial Peak																											
Uncontrolled Exposure (General Population)																											
1.5 W/kg (mW/g)																											
perceived over 1.0 min																											

Table I-77
NR Band n77 Antenna 7| Plot I26

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	RFS PLimit [dBm]
Body	NR Band n77 DoD	100	7	N/A	4TDQ2609	1:1	0.13	3500.01	633334	CW/SRS	11.0	10.25	Left	0	0.792	1.189	0.942	0.942	0.589		11.2		
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.13	3750.00	650000	CW/SRS	11.0	9.39	Left	0	0.773	1.349	1.043	1.043	0.652		10.8		
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.06	3930.00	662000	CW/SRS	11.0	9.77	Left	0	0.940	1.327	1.247	1.247	0.779	Plot	10.0		
Body	NR Band n77	100	7	Keyboard	4TDQ2609	1:1	0.08	3930.00	662000	CW/SRS	11.0	9.77	Left	0	0.931	1.327	1.238	1.238	0.774		10.0	10.0	10.0
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.05	3930.00	662000	CW/SRS	11.0	9.77	Back	0	0.176	1.327	0.234	0.234	0.146		17.3		
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.01	3930.00	662000	CW/SRS	11.0	9.77	Top	0	0.000	1.327	0.000	0.000	0.000		49.7		
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.01	3930.00	662000	CW/SRS	11.0	9.77	Bottom	0	0.014	1.327	0.019	0.019	0.012		28.3		
Body	NR Band n77	100	7	N/A	4TDQ2609	1:1	0.01	3930.00	662000	CW/SRS	11.0	9.77	Right	0	0.000	1.327	0.000	0.000	0.000		49.7		
ANSI/IEEE C63.1-1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram								

Table I-78
NR Band n77 Antenna 8

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Accessory	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Adjusted 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]	RFS PLimit [dBm]
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.02	3750.00	650000	CW/SRS	11.0	9.62	Back	0	0.158	1.374	0.217	0.217	0.136		17.6		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.04	3930.00	662000	CW/SRS	11.0	9.93	Back	0	0.114	1.279	0.402	0.402	0.251		14.9		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.07	3930.00	662000	CW/SRS	11.0	9.93	Top	0	0.028	1.279	0.036	0.036	0.023		25.4		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.07	3930.00	662000	CW/SRS	11.0	9.93	Bottom	0	0.017	1.279	0.022	0.022	0.014		27.6		
Body	NR Band n77 DoD	100	8	N/A	4TDQ2609	1:1	0.02	3500.01	633334	CW/SRS	11.0	10.29	Right	0	0.849	1.178	1.000	1.000	0.625		11.0		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.02	3750.00	650000	CW/SRS	11.0	9.62	Right	0	0.611	1.374	0.840	0.840	0.525		11.7		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.07	3930.00	662000	CW/SRS	11.0	9.93	Right	0	0.876	1.279	1.120	1.120	0.700		10.5		
Body	NR Band n77	100	8	Keyboard	4TDQ2609	1:1	0.03	3930.00	662000	CW/SRS	11.0	9.93	Right	0	0.813	1.279	1.040	1.040	0.650		10.8		
Body	NR Band n77	100	8	N/A	4TDQ2609	1:1	0.01	3930.00	662000	CW/SRS	11.0	9.93	Left	0	0.000	1.279	0.000	0.000	0.000		49.9		
ANSI/IEEE C63.1-1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram								

Note: Unless otherwise specified, only representative measurement results are presented in this appendix. Complete supporting measurement records, including additional screening configurations and associated technical evidence, are maintained as part of the complete compliance documentation and are available upon request.

FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 43 of 109



I.5 Tissue Verification

Table I-1
Measured Head Tissue Properties

Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/14/2026	750 Head	22.6	680	0.868	42.890	0.888	42.305	-2.25%	1.38%
			695	0.876	42.909	0.889	42.227	-1.46%	1.62%
			710	0.883	42.901	0.890	42.149	-0.79%	1.78%
			725	0.889	42.840	0.891	42.071	-0.22%	1.83%
			750	0.895	42.669	0.894	41.942	0.11%	1.73%
			770	0.901	42.552	0.895	41.838	0.67%	1.71%
			785	0.907	42.504	0.896	41.760	1.23%	1.78%
05/18/2026	750 Head	24.0	800	0.915	42.482	0.897	41.682	2.01%	1.92%
			680	0.844	43.990	0.888	42.305	-4.95%	3.98%
			695	0.848	43.962	0.889	42.227	-4.61%	4.11%
			710	0.852	43.935	0.890	42.149	-4.27%	4.24%
			725	0.856	43.885	0.891	42.071	-3.93%	4.31%
			750	0.863	43.784	0.894	41.942	-3.47%	4.39%
			770	0.870	43.698	0.895	41.838	-2.79%	4.45%
05/18/2026	750 Head	23.0	785	0.875	43.646	0.896	41.760	-2.34%	4.52%
			800	0.879	43.598	0.897	41.682	-2.01%	4.60%
			700	0.864	42.731	0.887	42.167	-2.59%	1.34%
			680	0.858	42.828	0.888	42.305	-3.38%	1.24%
			695	0.862	42.752	0.889	42.227	-3.04%	1.24%
			700	0.864	42.731	0.889	42.201	-2.81%	1.26%
			710	0.867	42.691	0.890	42.149	-2.58%	1.29%
06/08/2026	750 Head	23.2	725	0.873	42.644	0.891	42.071	-2.02%	1.36%
			750	0.881	42.598	0.894	41.942	-1.45%	1.56%
			770	0.887	42.538	0.895	41.838	-0.89%	1.67%
			785	0.891	42.468	0.896	41.760	-0.56%	1.70%
			800	0.895	42.388	0.897	41.682	-0.22%	1.69%
			680	0.844	43.446	0.888	42.305	-4.95%	2.70%
			695	0.848	43.369	0.889	42.227	-4.61%	2.70%
05/14/2026	835 Head	22.6	710	0.853	43.312	0.890	42.149	-4.16%	2.76%
			725	0.859	43.279	0.891	42.071	-3.59%	2.87%
			750	0.868	43.284	0.894	41.942	-2.91%	3.20%
			770	0.873	43.252	0.895	41.838	-2.46%	3.38%
			785	0.877	43.181	0.896	41.760	-2.12%	3.40%
			800	0.882	43.088	0.897	41.682	-1.67%	3.37%
			815	0.923	42.459	0.898	41.594	2.78%	2.08%
05/18/2026	835 Head	24.0	820	0.925	42.448	0.899	41.578	2.89%	2.09%
			835	0.932	42.405	0.900	41.500	3.56%	2.18%
			850	0.938	42.358	0.916	41.500	2.40%	2.07%
05/21/2026	835 Head	24.1	815	0.884	43.560	0.898	41.594	-1.56%	4.73%
			820	0.885	43.543	0.899	41.578	-1.56%	4.73%
			835	0.889	43.529	0.900	41.500	-1.22%	4.89%
			850	0.894	43.498	0.916	41.500	-2.40%	4.81%
05/21/2026	835 Head	24.2	815	0.900	42.119	0.898	41.594	0.22%	1.26%
			820	0.902	42.111	0.899	41.578	0.33%	1.28%
			835	0.908	42.087	0.900	41.500	0.89%	1.41%
			850	0.912	42.053	0.916	41.500	-0.44%	1.33%
05/21/2026	835 Head	24.2	815	0.862	42.594	0.898	41.594	-4.01%	2.40%
			820	0.864	42.582	0.899	41.578	-3.89%	2.41%
			835	0.868	42.542	0.900	41.500	-3.56%	2.51%
			850	0.872	42.495	0.916	41.500	-4.80%	2.40%

Table I-2
Measured Head Tissue Properties

FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT		Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		APPENDIX I Page 44 of 109



Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/11/2026	1750 Head	23.0	1700	1.368	39.187	1.343	40.145	1.86%	-2.39%
			1705	1.373	39.156	1.345	40.141	2.08%	-2.45%
			1710	1.379	39.125	1.348	40.136	2.30%	-2.52%
			1720	1.389	39.069	1.354	40.126	2.58%	-2.63%
			1745	1.417	38.967	1.368	40.087	3.58%	-2.79%
			1750	1.423	38.949	1.371	40.079	3.79%	-2.82%
			1770	1.444	38.880	1.383	40.047	4.41%	-2.91%
			1790	1.463	38.784	1.394	40.016	4.95%	-3.08%
05/18/2026	1750 Head	21.3	1700	1.335	41.166	1.343	40.145	-0.60%	2.54%
			1705	1.338	41.157	1.345	40.141	-0.52%	2.53%
			1710	1.341	41.148	1.348	40.136	-0.52%	2.52%
			1720	1.346	41.130	1.354	40.126	-0.59%	2.50%
			1745	1.363	41.099	1.368	40.087	-0.37%	2.52%
			1750	1.366	41.093	1.371	40.079	-0.36%	2.53%
			1770	1.379	41.072	1.383	40.047	-0.29%	2.56%
			1790	1.390	41.036	1.394	40.016	-0.29%	2.55%
05/13/2026	1900 Head	20.9	1850	1.344	39.823	1.400	40.000	-4.00%	-0.44%
			1860	1.351	39.813	1.400	40.000	-3.50%	-0.47%
			1880	1.361	39.786	1.400	40.000	-2.79%	-0.53%
			1900	1.370	39.741	1.400	40.000	-2.14%	-0.65%
			1905	1.372	39.730	1.400	40.000	-2.00%	-0.68%
			1910	1.374	39.717	1.400	40.000	-1.86%	-0.71%
			1920	1.379	39.692	1.400	40.000	-1.50%	-0.77%
05/18/2026	1900 Head	21.3	1850	1.423	40.907	1.400	40.000	1.64%	2.27%
			1860	1.430	40.890	1.400	40.000	2.14%	2.23%
			1880	1.443	40.855	1.400	40.000	3.07%	2.14%
			1900	1.455	40.826	1.400	40.000	3.93%	2.07%
			1905	1.458	40.820	1.400	40.000	4.14%	2.05%
			1910	1.461	40.817	1.400	40.000	4.36%	2.04%
			1920	1.467	40.806	1.400	40.000	4.79%	2.01%
05/04/2026	2450 Head	19.0	2300	1.686	40.366	1.670	39.500	0.96%	2.19%
			2310	1.694	40.355	1.679	39.480	0.89%	2.22%
			2320	1.701	40.346	1.687	39.460	0.83%	2.25%
			2400	1.764	40.206	1.756	39.289	0.46%	2.33%
			2450	1.808	40.134	1.800	39.200	0.44%	2.38%
			2480	1.832	40.072	1.833	39.162	-0.05%	2.32%
			2500	1.848	40.027	1.855	39.136	-0.38%	2.28%
			2510	1.856	40.002	1.866	39.123	-0.54%	2.25%
			2535	1.879	39.957	1.893	39.092	-0.74%	2.21%
			2550	1.894	39.937	1.909	39.073	-0.79%	2.21%
			2560	1.903	39.923	1.920	39.060	-0.89%	2.21%
			2600	1.936	39.855	1.964	39.009	-1.43%	2.17%
			2650	1.977	39.724	2.018	38.945	-2.03%	2.00%
			2680	2.007	39.670	2.051	38.907	-2.15%	1.96%
			2700	2.025	39.653	2.073	38.882	-2.32%	1.98%

Table I-3
Measured Head Tissue Properties

FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 45 of 109



Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/07/2026	2450 Head	19.0	2300	1.636	40.929	1.670	39.500	-2.04%	3.62%
			2310	1.643	40.913	1.679	39.480	-2.14%	3.63%
			2320	1.650	40.895	1.687	39.460	-2.19%	3.64%
			2400	1.718	40.806	1.756	39.289	-2.16%	3.86%
			2450	1.758	40.695	1.800	39.200	-2.33%	3.81%
			2480	1.785	40.655	1.833	39.162	-2.62%	3.81%
			2500	1.801	40.636	1.855	39.136	-2.91%	3.83%
			2510	1.808	40.620	1.866	39.123	-3.11%	3.83%
			2535	1.827	40.566	1.893	39.092	-3.49%	3.77%
			2550	1.840	40.532	1.909	39.073	-3.61%	3.73%
			2560	1.849	40.509	1.920	39.060	-3.70%	3.71%
			2600	1.884	40.459	1.964	39.009	-4.07%	3.72%
			2650	1.923	40.357	2.018	38.945	-4.71%	3.63%
			2680	1.956	40.307	2.051	38.907	-4.63%	3.60%
			2700	1.975	40.291	2.073	38.882	-4.73%	3.62%
05/11/2026	2450 Head	19.0	2300	1.641	41.355	1.670	39.500	-1.74%	4.70%
			2310	1.650	41.336	1.679	39.480	-1.73%	4.70%
			2320	1.660	41.323	1.687	39.460	-1.60%	4.72%
			2400	1.726	41.165	1.756	39.289	-1.71%	4.77%
			2450	1.766	41.118	1.800	39.200	-1.89%	4.89%
			2480	1.790	41.045	1.833	39.162	-2.35%	4.81%
			2500	1.808	41.024	1.855	39.136	-2.53%	4.82%
			2510	1.818	41.014	1.866	39.123	-2.57%	4.83%
			2535	1.836	40.965	1.893	39.092	-3.01%	4.79%
			2550	1.847	40.918	1.909	39.073	-3.25%	4.72%
			2560	1.855	40.897	1.920	39.060	-3.39%	4.70%
			2600	1.891	40.867	1.964	39.009	-3.72%	4.76%
			2650	1.930	40.718	2.018	38.945	-4.36%	4.55%
			2680	1.961	40.712	2.051	38.907	-4.39%	4.64%
			2700	1.979	40.689	2.073	38.882	-4.53%	4.65%
05/14/2026	2450 Head	19.7	2300	1.734	39.905	1.670	39.500	3.83%	1.03%
			2310	1.742	39.884	1.679	39.480	3.75%	1.02%
			2320	1.748	39.869	1.687	39.460	3.62%	1.04%
			2400	1.812	39.732	1.756	39.289	3.19%	1.13%
			2450	1.851	39.618	1.800	39.200	2.83%	1.07%
			2480	1.874	39.562	1.833	39.162	2.24%	1.02%
			2500	1.890	39.533	1.855	39.136	1.89%	1.01%
			2510	1.898	39.517	1.866	39.123	1.71%	1.01%
			2535	1.919	39.457	1.893	39.092	1.37%	0.93%
			2550	1.932	39.419	1.909	39.073	1.20%	0.89%
			2560	1.941	39.393	1.920	39.060	1.09%	0.85%
			2600	1.974	39.326	1.964	39.009	0.51%	0.81%
			2650	2.014	39.225	2.018	38.945	-0.20%	0.72%
			2680	2.041	39.163	2.051	38.907	-0.49%	0.66%
			2700	2.057	39.131	2.073	38.882	-0.77%	0.64%

Table I-4
Measured Head Tissue Properties

FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT		Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		APPENDIX I Page 46 of 109



Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/18/2026	2450 Head	21.4	2300	1.656	41.127	1.670	39.500	-0.84%	4.12%
			2310	1.664	41.104	1.679	39.480	-0.89%	4.11%
			2320	1.673	41.087	1.687	39.460	-0.83%	4.12%
			2400	1.735	41.013	1.756	39.289	-1.20%	4.39%
			2450	1.777	40.884	1.800	39.200	-1.28%	4.30%
			2480	1.807	40.877	1.833	39.162	-1.42%	4.38%
			2500	1.820	40.856	1.855	39.136	-1.89%	4.39%
			2510	1.825	40.833	1.866	39.123	-2.20%	4.37%
			2535	1.839	40.747	1.893	39.092	-2.85%	4.23%
			2550	1.852	40.702	1.909	39.073	-2.99%	4.17%
			2560	1.861	40.682	1.920	39.060	-3.07%	4.15%
			2600	1.902	40.677	1.964	39.009	-3.16%	4.28%
			2650	1.933	40.542	2.018	38.945	-4.21%	4.10%
			2680	1.958	40.491	2.051	38.907	-4.53%	4.07%
			2700	1.977	40.495	2.073	38.882	-4.63%	4.15%
05/04/2026	3600 Head	19.0	3300	2.599	39.756	2.708	38.157	-4.03%	4.19%
			3350	2.644	39.611	2.759	38.100	-4.17%	3.97%
			3450	2.740	39.410	2.861	37.986	-4.23%	3.75%
			3500	2.799	39.328	2.913	37.929	-3.91%	3.69%
			3550	2.841	39.191	2.964	37.871	-4.15%	3.49%
			3560	2.861	39.141	2.974	37.860	-3.80%	3.38%
			3600	2.879	39.104	3.015	37.814	-4.51%	3.41%
			3650	2.960	39.011	3.066	37.757	-3.46%	3.32%
			3690	2.974	38.924	3.107	37.711	-4.28%	3.22%
			3700	2.982	38.983	3.117	37.700	-4.33%	3.40%
			3750	3.042	38.855	3.169	37.643	-4.01%	3.22%
			3900	3.197	38.598	3.323	37.471	-3.79%	3.01%
			3930	3.223	38.513	3.353	37.437	-3.88%	2.87%
			4100	3.401	38.253	3.528	37.243	-3.60%	2.71%
			4150	3.469	38.233	3.579	37.186	-3.07%	2.82%
05/07/2026	3600 Head	21.3	3300	2.624	39.825	2.708	38.157	-3.10%	4.37%
			3350	2.675	39.772	2.759	38.100	-3.04%	4.39%
			3450	2.756	39.511	2.861	37.986	-3.67%	4.01%
			3500	2.815	39.452	2.913	37.929	-3.36%	4.02%
			3550	2.844	39.363	2.964	37.871	-4.05%	3.94%
			3560	2.852	39.342	2.974	37.860	-4.10%	3.91%
			3600	2.894	39.231	3.015	37.814	-4.01%	3.75%
			3650	2.940	39.144	3.066	37.757	-4.11%	3.67%
			3690	2.966	39.133	3.107	37.711	-4.54%	3.77%
			3700	2.980	39.084	3.117	37.700	-4.40%	3.67%
			3750	3.032	39.082	3.169	37.643	-4.32%	3.82%
			3900	3.165	38.829	3.323	37.471	-4.75%	3.62%
			3930	3.208	38.735	3.353	37.437	-4.32%	3.47%
			4100	3.368	38.489	3.528	37.243	-4.54%	3.35%
			4150	3.424	38.418	3.579	37.186	-4.33%	3.31%

Table I-5
Measured Head Tissue Properties

FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT		Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		APPENDIX I Page 47 of 109



Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/13/2026	3600 Head	19.1	3300	2.589	39.801	2.708	38.157	-4.39%	4.31%
			3350	2.623	39.680	2.759	38.100	-4.93%	4.15%
			3450	2.728	39.493	2.861	37.986	-4.65%	3.97%
			3500	2.769	39.481	2.913	37.929	-4.94%	4.09%
			3550	2.824	39.303	2.964	37.871	-4.72%	3.78%
			3560	2.852	39.307	2.974	37.860	-4.10%	3.82%
			3600	2.866	39.219	3.015	37.814	-4.94%	3.72%
			3650	2.920	39.227	3.066	37.757	-4.76%	3.89%
			3690	2.957	39.075	3.107	37.711	-4.83%	3.62%
			3700	2.977	39.091	3.117	37.700	-4.49%	3.69%
			3750	3.015	39.036	3.169	37.643	-4.86%	3.70%
			3900	3.178	38.758	3.323	37.471	-4.36%	3.43%
			3930	3.189	38.728	3.353	37.437	-4.89%	3.45%
			4100	3.384	38.415	3.528	37.243	-4.08%	3.15%
			4150	3.446	38.343	3.579	37.186	-3.72%	3.11%
05/18/2026	3600 Head	19.0	3300	2.727	38.801	2.708	38.157	0.70%	1.69%
			3350	2.768	38.684	2.759	38.100	0.33%	1.53%
			3450	2.879	38.418	2.861	37.986	0.63%	1.14%
			3500	2.921	38.375	2.913	37.929	0.27%	1.18%
			3550	2.978	38.256	2.964	37.871	0.47%	1.02%
			3560	2.992	38.230	2.974	37.860	0.61%	0.98%
			3600	3.021	38.142	3.015	37.814	0.20%	0.87%
			3650	3.082	38.034	3.066	37.757	0.52%	0.73%
			3690	3.115	37.987	3.107	37.711	0.26%	0.73%
			3700	3.142	37.920	3.117	37.700	0.80%	0.58%
			3750	3.196	38.000	3.169	37.643	0.85%	0.95%
			3900	3.352	37.578	3.323	37.471	0.87%	0.29%
			3930	3.388	37.554	3.353	37.437	1.04%	0.31%
			4100	3.559	37.153	3.528	37.243	0.88%	-0.24%
			4150	3.646	37.017	3.579	37.186	1.87%	-0.45%
05/21/2026	3600 Head	20.1	3300	2.650	38.428	2.708	38.157	-2.14%	0.71%
			3350	2.703	38.320	2.759	38.100	-2.03%	0.58%
			3450	2.811	38.038	2.861	37.986	-1.75%	0.14%
			3500	2.852	37.905	2.913	37.929	-2.09%	-0.06%
			3550	2.905	37.774	2.964	37.871	-1.99%	-0.26%
			3600	2.957	37.708	3.015	37.814	-1.92%	-0.28%
			3650	2.983	37.532	3.066	37.757	-2.71%	-0.60%
			3690	3.044	37.519	3.107	37.711	-2.03%	-0.51%
			3700	3.064	37.506	3.117	37.700	-1.70%	-0.51%
			3750	3.124	37.434	3.169	37.643	-1.42%	-0.56%
			3900	3.280	37.085	3.323	37.471	-1.29%	-1.03%
			3930	3.296	37.072	3.353	37.437	-1.70%	-0.97%
			4100	3.496	36.676	3.528	37.243	-0.91%	-1.52%
			4150	3.564	36.649	3.579	37.186	-0.42%	-1.44%

Table I-6
Measured Head Tissue Properties

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Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
05/26/2026	3600 Head	19.0	3300	2.610	39.556	2.708	38.157	-3.62%	3.67%
			3350	2.641	39.383	2.759	38.100	-4.28%	3.37%
			3450	2.736	39.154	2.861	37.986	-4.37%	3.07%
			3500	2.772	39.105	2.913	37.929	-4.84%	3.10%
			3550	2.849	39.035	2.964	37.871	-3.88%	3.07%
			3560	2.861	39.082	2.974	37.860	-3.80%	3.23%
			3600	2.879	38.901	3.015	37.814	-4.51%	2.87%
			3650	2.945	38.978	3.066	37.757	-3.95%	3.23%
			3690	2.957	38.729	3.107	37.711	-4.83%	2.70%
			3700	2.985	38.707	3.117	37.700	-4.23%	2.67%
			3750	3.038	38.838	3.169	37.643	-4.13%	3.17%
			3900	3.209	38.478	3.323	37.471	-3.43%	2.69%
			3930	3.220	38.404	3.353	37.437	-3.97%	2.58%
			4100	3.384	38.162	3.528	37.243	-4.08%	2.47%
			4150	3.489	38.035	3.579	37.186	-2.51%	2.28%

The above measured tissue parameters were used in the DASY software. The DASY software was used to perform interpolation to determine the dielectric parameters at the SAR test device frequencies (per KDB Publication 865664 D01v01r04 and IEEE 1528-2013 6.6.1.2. The tissue parameters listed in the SAR test plots may slightly differ from the table above due to significant digit rounding in the software.

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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 		APPENDIX I Page 49 of 109

I.6 Test System Verification

Prior to SAR assessment, the system is verified to $\pm 10\%$ of the SAR measurement on the reference dipole at the time of calibration by the calibration facility. Full system validation status and result summary can be found in the SAR System Validation Appendix.

Table I-79
System Verification Results

System Verification TARGET & MEASURED																			
SAR System	Tissue Frequency (MHz)	Tissue Type	Date	Amb. Temp. (C)	Liquid Temp. (C)	Input Power (W)	Source SN	Probe SN	DAE	Measured SAR 1g (W/kg)	1W Target SAR 1g (W/kg)	1W Normalized SAR 1g (W/kg)	Deviation 1g (%)	Measured SAR 10g (W/kg)	1W Target SAR 10g (W/kg)	1W Normalized SAR 10g (W/kg)	Deviation 10g (%)	Measured 4cm ² APD (W/m ²)	1W Target 4cm ² APD (W/m ²)
G	750	Head	05/14/2026	21.7	20.6	0.20	1161	7570	859	1.75	8.36	8.75	4.67%	1.17	5.41	5.85	8.13%	N/A	N/A
M	750	Head	05/18/2026	23.5	22.2	0.20	1161	7406	1677	1.72	8.36	8.60	2.87%	1.17	5.41	5.85	8.13%	N/A	N/A
O	750	Head	05/18/2026	22.2	22.0	0.20	1054	7488	1415	1.74	8.68	8.70	0.23%	1.19	5.61	5.95	6.06%	N/A	N/A
N	750	Head	06/08/2026	22.5	21.3	0.20	1161	7670	1449	1.69	8.36	8.45	1.08%	1.13	5.41	5.65	4.44%	N/A	N/A
G	835	Head	05/14/2026	21.7	20.6	0.20	44132	7570	859	2.07	9.84	10.35	5.18%	1.38	6.40	6.90	7.81%	N/A	N/A
O	835	Head	05/18/2026	22.2	22.0	0.20	46047	7488	1415	1.89	9.44	9.45	0.11%	1.21	6.09	6.05	-0.66%	N/A	N/A
O	835	Head	05/21/2026	22.8	22.5	0.20	46047	7488	1415	1.81	9.44	9.05	-4.13%	1.24	6.09	6.20	1.81%	N/A	N/A
M	835	Head	05/21/2026	23.5	22.2	0.20	44133	7406	1677	2.04	9.94	10.20	2.62%	1.29	6.49	6.45	-0.62%	N/A	N/A
R	1750	Head	05/11/2026	22.3	21.6	0.10	1150	7417	1639	3.56	36.40	35.60	-2.20%	1.88	19.40	18.80	-3.09%	N/A	N/A
R	1750	Head	05/18/2026	20.9	21.3	0.10	1148	7417	1639	3.90	36.90	39.00	5.69%	2.09	19.60	20.90	6.63%	N/A	N/A
R	1900	Head	05/13/2026	23.4	20.6	0.10	54148	7417	1639	4.76	39.60	42.60	7.58%	2.26	20.90	22.60	8.13%	N/A	N/A
R	1900	Head	05/18/2026	20.9	21.3	0.10	54148	7417	1639	4.15	39.60	41.50	4.80%	2.15	20.90	21.50	2.87%	N/A	N/A
N	2300	Head	05/11/2026	21.5	19.0	0.10	1116	7670	1449	4.68	49.20	45.80	-6.91%	2.31	23.90	23.10	-3.35%	N/A	N/A
N	2300	Head	05/14/2026	20.2	19.7	0.10	1073	7670	1449	5.27	48.60	52.70	8.44%	2.57	23.50	25.70	9.36%	N/A	N/A
N	2450	Head	05/14/2026	20.2	19.7	0.10	719	7670	1449	5.70	52.20	57.00	9.20%	2.70	24.60	27.00	9.76%	N/A	N/A
N	2600	Head	05/04/2026	19.8	19.0	0.10	1064	7670	1449	6.09	56.10	60.90	8.56%	2.77	25.20	27.70	9.92%	N/A	N/A
N	2600	Head	05/11/2026	21.5	19.0	0.10	1064	7670	1449	5.41	56.10	54.10	-3.57%	2.48	25.20	24.80	-1.59%	N/A	N/A
N	2600	Head	05/14/2026	20.2	19.7	0.10	1071	7670	1449	6.12	56.50	61.20	8.32%	2.78	25.40	27.80	9.45%	N/A	N/A
N	2600	Head	05/18/2026	20.8	22.0	0.10	1071	7670	1449	5.79	56.50	57.90	2.48%	2.64	25.40	26.40	3.94%	N/A	N/A
J	3500	Head	05/04/2026	22.0	19.0	0.10	1097	7660	1678	6.18	64.00	61.80	-3.44%	2.38	24.30	23.80	-2.06%	N/A	N/A
J	3500	Head	05/13/2026	23.1	21.0	0.10	1097	7659	1272	6.00	64.00	60.00	-6.25%	2.30	24.30	23.00	-5.35%	N/A	N/A
J	3500	Head	05/18/2026	21.2	20.7	0.10	1097	7659	1272	6.40	64.00	64.00	0.00%	2.47	24.30	24.70	1.65%	N/A	N/A
J	3500	Head	05/21/2026	23.3	20.9	0.10	1097	7659	1272	6.51	64.00	65.10	1.72%	2.54	24.30	25.40	4.53%	N/A	N/A
J	3500	Head	05/26/2026	22.8	21.0	0.10	1097	7659	1272	5.86	64.00	58.60	-8.44%	2.27	24.30	22.70	-6.58%	N/A	N/A
J	3700	Head	05/04/2026	22.0	19.0	0.10	1067	7660	1678	6.22	68.40	62.20	-9.06%	2.33	25.20	23.30	-7.54%	N/A	N/A
J	3700	Head	05/13/2026	23.1	21.0	0.10	1067	7659	1272	6.49	68.40	64.90	-5.12%	2.40	25.20	24.00	-4.76%	N/A	N/A
J	3700	Head	05/18/2026	21.2	20.7	0.10	1067	7659	1272	6.77	68.40	67.70	-1.02%	2.52	25.20	25.20	0.00%	N/A	N/A
J	3700	Head	05/21/2026	23.3	20.9	0.10	1067	7659	1272	7.01	68.40	70.10	2.49%	2.61	25.20	26.10	3.57%	N/A	N/A
J	3700	Head	05/26/2026	22.8	21.0	0.10	1067	7659	1272	6.66	68.40	66.60	-2.63%	2.47	25.20	24.70	-1.98%	N/A	N/A
J	3900	Head	05/13/2026	23.1	21.0	0.10	1073	7659	1272	7.00	69.50	70.00	0.72%	2.48	24.30	24.80	2.06%	N/A	N/A
J	3900	Head	05/21/2026	23.3	20.9	0.10	1073	7659	1272	7.39	69.50	73.90	6.33%	2.62	24.30	26.20	7.82%	N/A	N/A
J	3900	Head	05/26/2026	22.8	21.0	0.10	1056	7659	1272	7.30	68.20	73.00	7.04%	2.59	23.80	25.90	8.82%	N/A	N/A

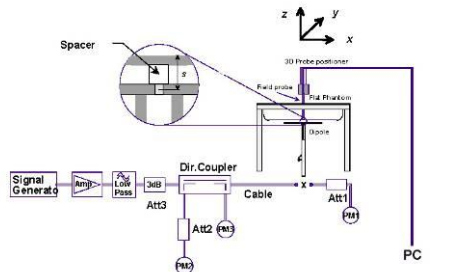


Figure I-3
System Verification Setup Diagram



Figure I-4
System Verification Setup Photo

I.7 SAR Test Plots

Per FCC KDB 865664 D02, the SAR plot is required for the highest measured SAR in each exposure condition per wireless mode and frequency band. The plots required to support the data presented in section I.4 are included below.

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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 50 of 109



ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTB82609

Communication System: UID:10011, WCDMA; MAIA: Y; Frequency: 826.400 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 826.400 \text{ MHz}$; $\text{cond} = 0.866 \text{ S/m}$; $\text{perm} = 42.6$; $\text{density} = 1000 \text{ kg/m}^3$
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/21/2026; Ambient Temp: 22.8°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7488; ConvF:(10.04,10.04,9.74); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna 2, Exp: Body| Back Side, Ch. Low

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (41.8 x 34.2 x 33.4): Measurement grid: $dx=3.8 \text{ mm}$, $dy=3.8 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

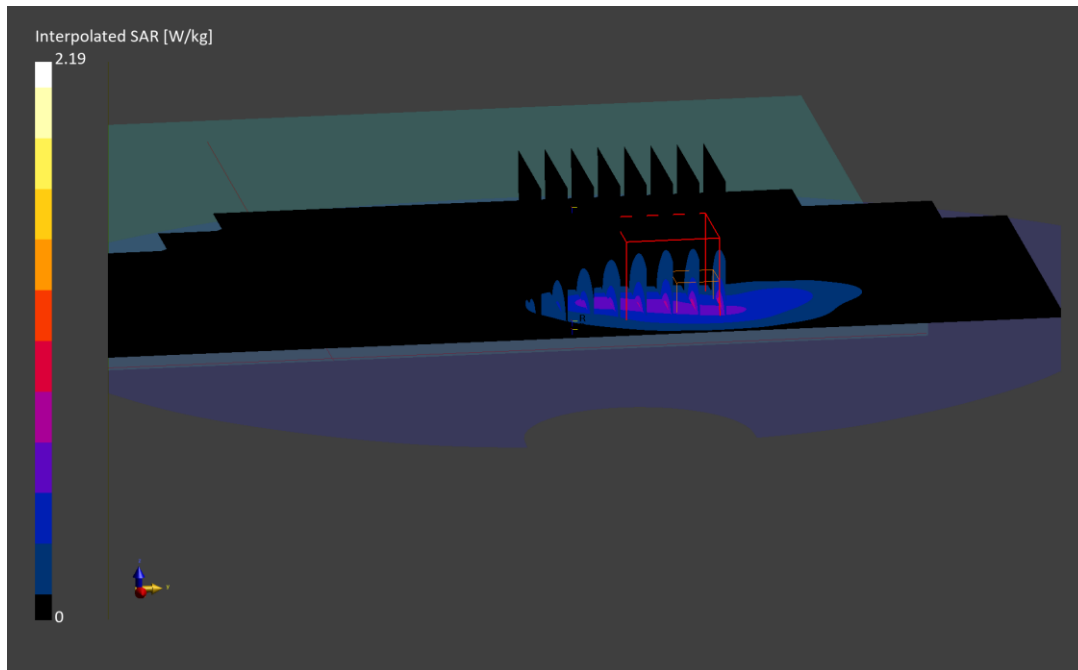
Reference Value = 0.62 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.724 W/kg

Smallest distance from peaks to all points 3 dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.6 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 51 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQV2609

Communication System: UID:10011, WCDMA; MAIA: Y; Frequency: 1712.400 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1712.400 MHz; cond = 1.34 S/m; perm = 41.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7417; ConvF:(8.1,7.55,7.78); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna 6, Exp: Body| Top Edge, Ch. Low

Area Scan (40.0 x 330.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (35.7 x 35.7 x 31.2): Measurement grid: dx=5.1 mm, dy=5.1 mm, dz=1.5 mm; Graded Ratio: 1.5

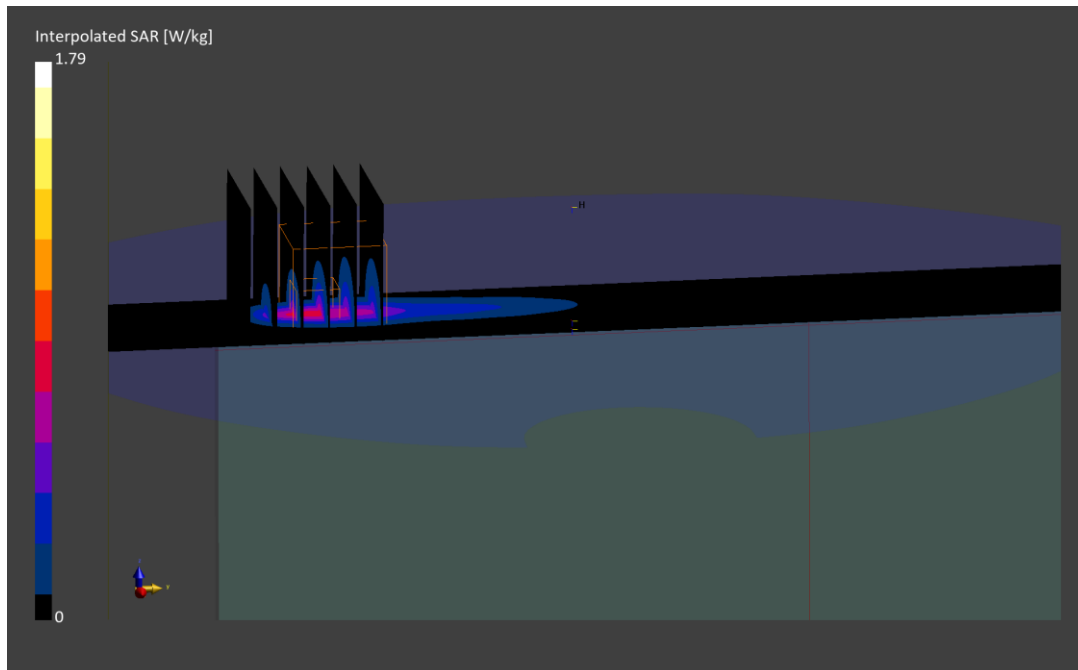
Reference Value = 0.58 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.613 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.3 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 52 of 109



ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQV2609

Communication System: UID:10011, WCDMA; MAIA: Y; Frequency: 1852.400 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1852.400$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna 6, Exp: Body| Back Side, Ch. Low

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (36.9 x 36.9 x 33.4): Measurement grid: $dx=4.1$ mm, $dy=4.1$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

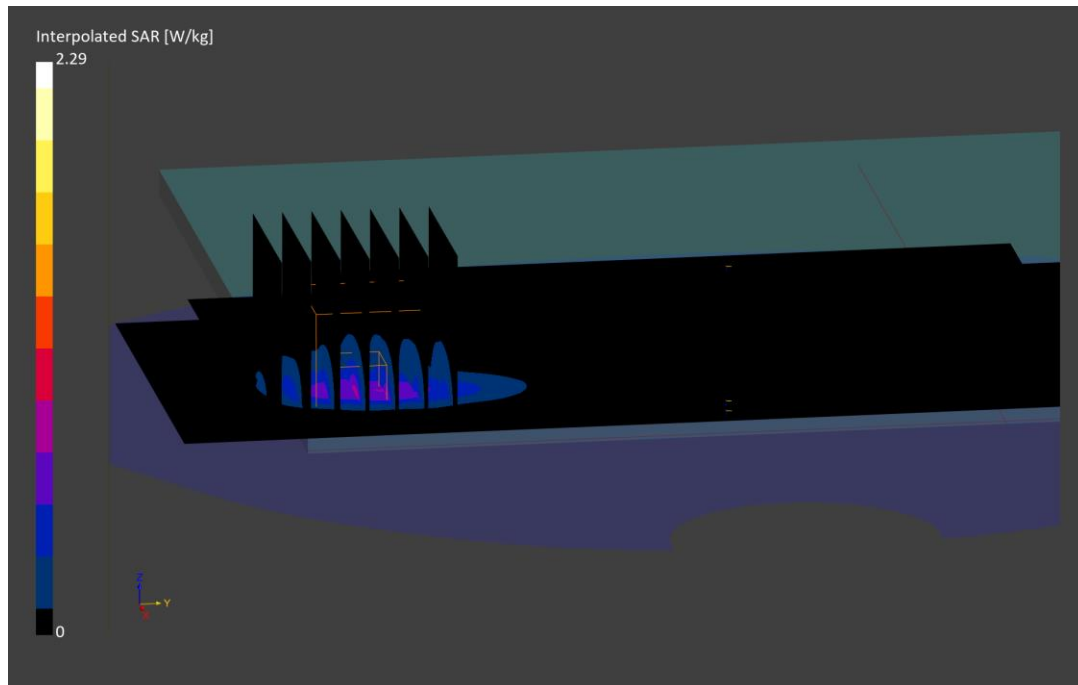
Reference Value = 0.52 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.722 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 66.3 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 53 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTD32609

Communication System: UID:10169, LTE-FDD; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 680.500 MHz; cond = 0.868 S/m; perm = 42.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/14/2026; Ambient Temp: 21.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7570; ConvF:(9.63,10.38,9.76); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn859; Calibrated: 2026-02-09

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 71, Antenna 2, Exp: Body| Back Side, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (34.0 x 30.0 x 31.2): Measurement grid: dx=2.0 mm, dy=2.0 mm, dz=1.5 mm; Graded Ratio: 1.5

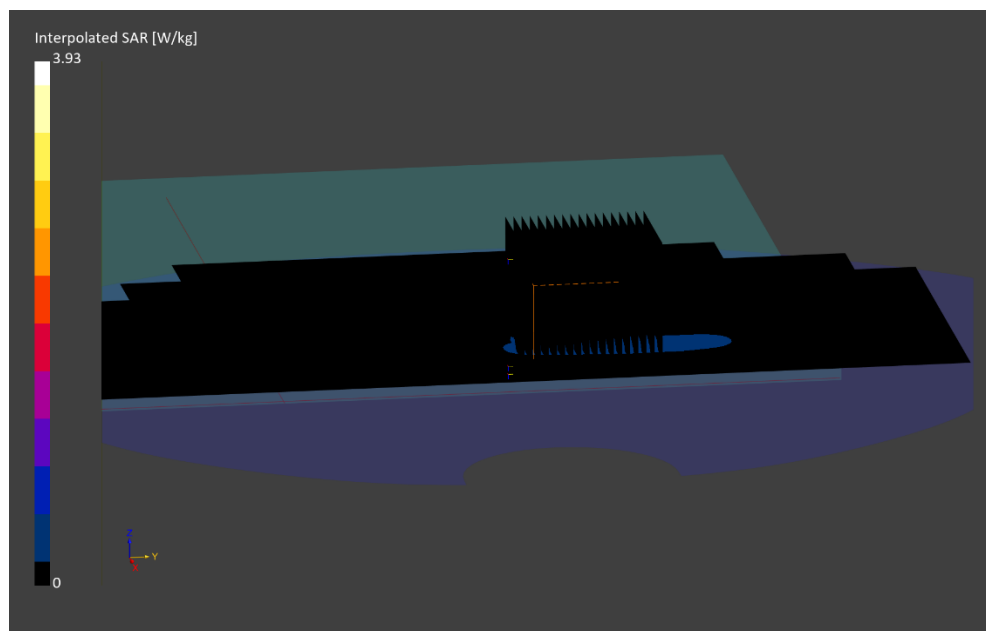
Reference Value = 0.31 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 0.539 W/kg

Smallest distance from peaks to all points 3 dB below is 3.2 mm

Ratio of SAR at M2 to SAR at M1 = 38.4 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 54 of 109



ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTFT2609

Communication System: UID:10154, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 707.500 MHz; cond = 0.866 S/m; perm = 42.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.87,9.26,10.02); Calibrated: 2025-11-07

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1677; Calibrated: 2025-11-05

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna 2, Exp: Body| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 25 RB, 25 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (35.2 x 35.2 x 31.2): Measurement grid: dx=2.2 mm, dy=2.2 mm, dz=1.5 mm; Graded Ratio: 1.5

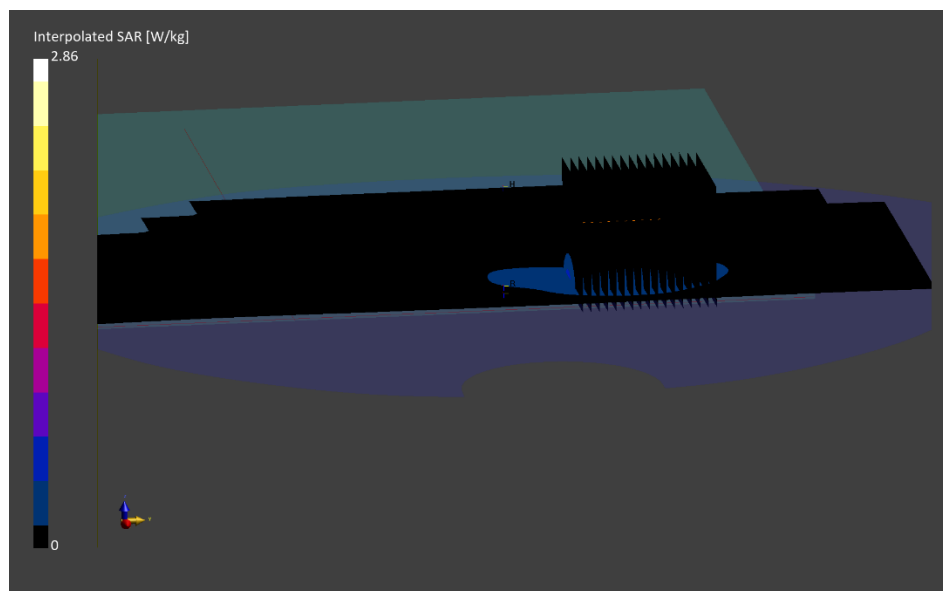
Reference Value = 0.25 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 0.553 W/kg

Smallest distance from peaks to all points 3 dB below is 3.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.4 %



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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 55 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTFT2609

Communication System: UID:10154, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 782.000 MHz; cond = 0.890 S/m; perm = 42.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.87,9.26,10.02); Calibrated: 2025-11-07

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1677; Calibrated: 2025-11-05

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna 2, Exp: Body| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 25 RB, 25 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (39.0 x 36.0 x 31.2): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.5 mm; Graded Ratio: 1.5

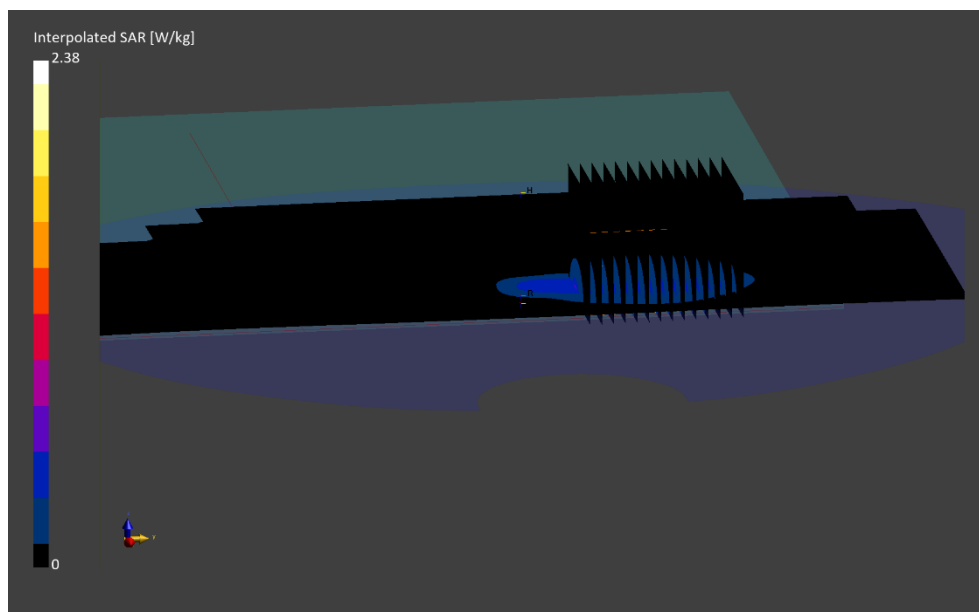
Reference Value = 0.30 W/kg; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.561 W/kg

Smallest distance from peaks to all points 3 dB below is 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.3 %



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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7CR4R2609

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 793.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 793.000$ MHz; $\text{cond} = 0.908$ S/m; $\text{perm} = 42.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2026; Ambient Temp: 22.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 14, Antenna 2, Exp: Body| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (42.0 x 36.0 x 31.2): Measurement grid: $dx=3.0$ mm, $dy=3.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

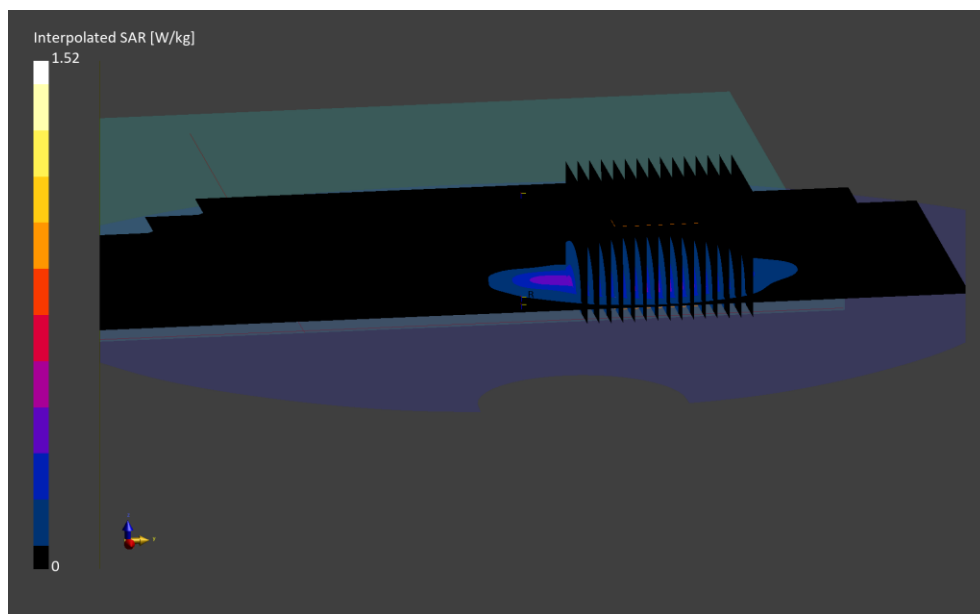
Reference Value = 0.47 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.522 W/kg

Smallest distance from peaks to all points 3 dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.8 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo. 	APPENDIX I Page 57 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7CR4R2609

Communication System: UID:10175, LTE-FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 836.500 MHz; cond = 0.908 S/m; perm = 42.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/21/2026; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.61,9.02,9.77); Calibrated: 2025-11-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2025-11-05

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 5, Antenna 2, Exp: Body| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (54.4 x 54.4 x 31.2): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5

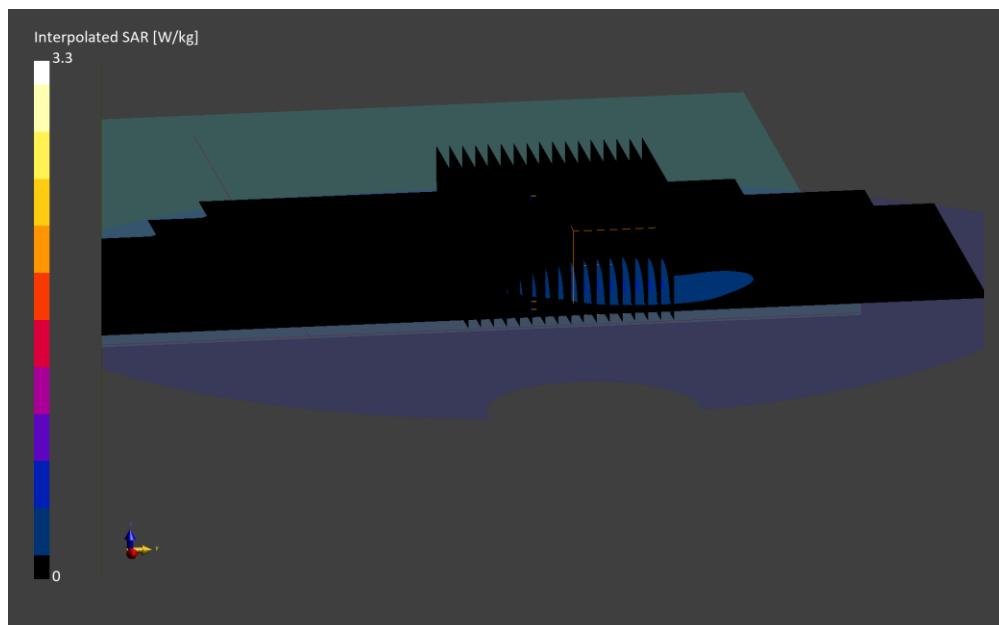
Reference Value = 0.39 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 0.720 W/kg

Smallest distance from peaks to all points 3 dB below is 3.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.9 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTD32609

Communication System: UID:10181, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 831.500 MHz; cond = 0.930 S/m; perm = 42.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/14/2026; Ambient Temp: 21.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7570; ConvF:(9.47,10.21,9.59); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn859; Calibrated: 2026-02-09

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna 2, Exp: Body| Back Side, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (41.6 x 39.0 x 31.2): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

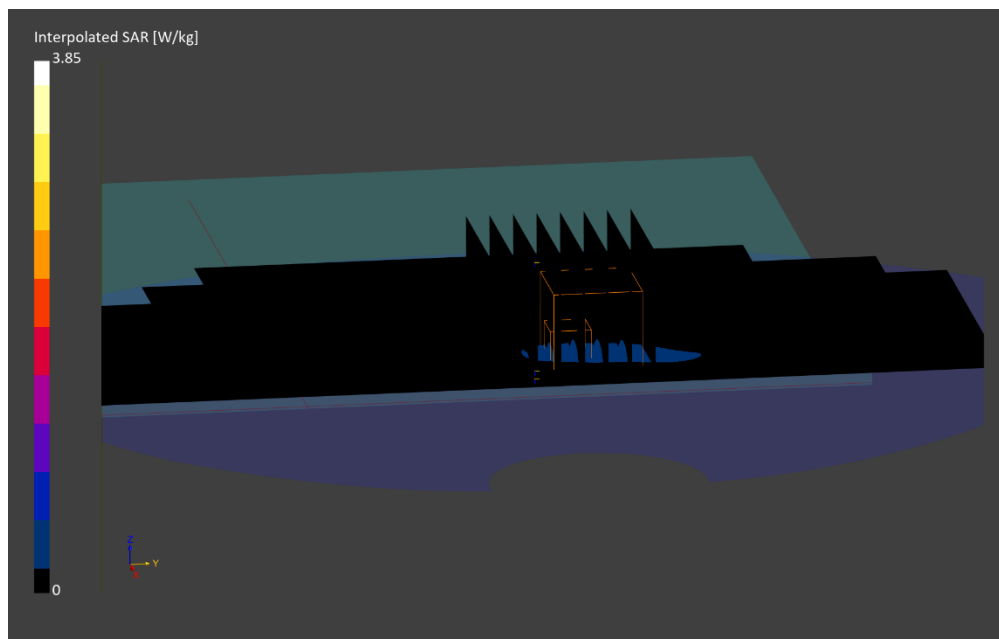
Reference Value = 0.32 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 0.540 W/kg

Smallest distance from peaks to all points 3 dB below is 3.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.4 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTD32609

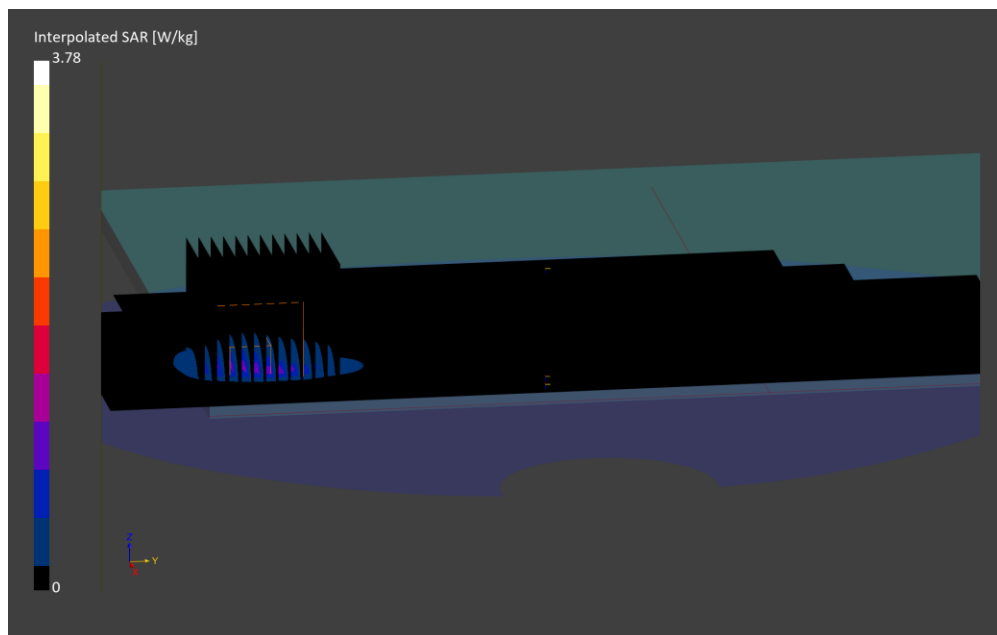
Communication System: UID:10169, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 1770.000 \text{ MHz}$; $\text{cond} = 1.44 \text{ S/m}$; $\text{perm} = 38.9$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/11/2026; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(8.1,7.55,7.78); Calibrated: 2026-02-11
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08
 Phantom: Twin-SAM V8.0; Serial: 1979
 Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna 6, Exp: Body| Back Side, Ch. High,
 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: $\text{dx}=15.0 \text{ mm}$, $\text{dy}=15.0 \text{ mm}$
Zoom Scan (33.0 x 30.0 x 31.2): Measurement grid: $\text{dx}=3.0 \text{ mm}$, $\text{dy}=3.0 \text{ mm}$, $\text{dz}=1.5 \text{ mm}$; Graded Ratio: 1.5
 Reference Value = 0.73 W/kg; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 3.78 W/kg
SAR(1 g) = 0.990 W/kg
 Smallest distance from peaks to all points 3 dB below is 4.4 mm
 Ratio of SAR at M2 to SAR at M1 = 59.9 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 60 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQV2609

Communication System: UID:10297, LTE-FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1882.500 MHz; cond = 1.36 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/13/2026; Ambient Temp: 23.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna 6, Exp: Body| Back Side, Ch. Mid,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (32.4 x 32.4 x 31.2): Measurement grid: dx=5.4 mm, dy=5.4 mm, dz=1.5 mm; Graded Ratio: 1.5

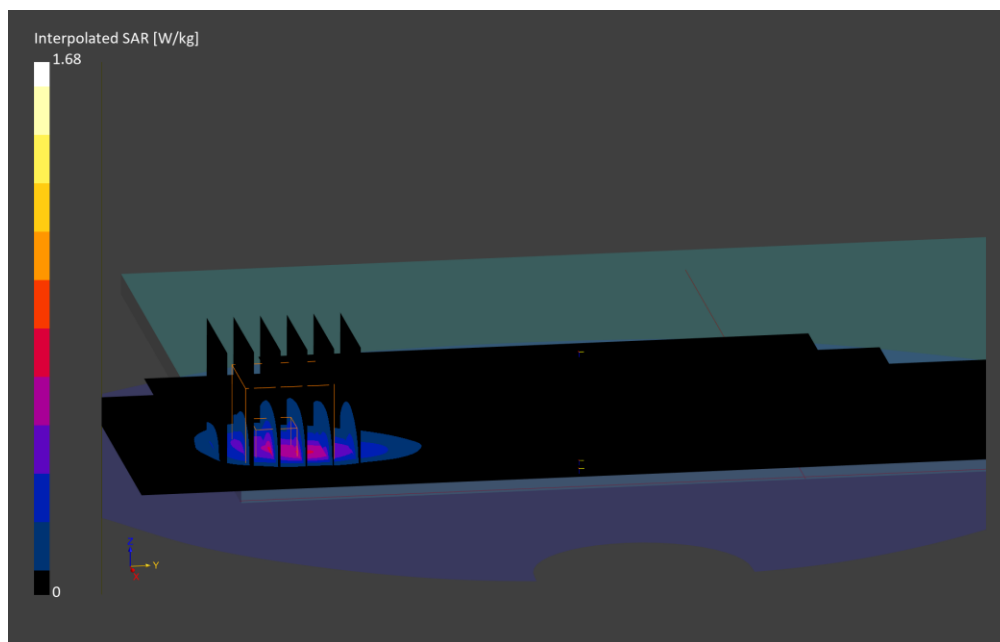
Reference Value = 0.43 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.606 W/kg

Smallest distance from peaks to all points 3 dB below is 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 69.8 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQV2609

Communication System: UID:10297, LTE-FDD; MAIA: Y; Frequency: 1860.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1860.000 MHz; cond = 1.35 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/13/2026; Ambient Temp: 23.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 2, Antenna 6, Exp: Body| Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.5 mm; Graded Ratio: 1.5

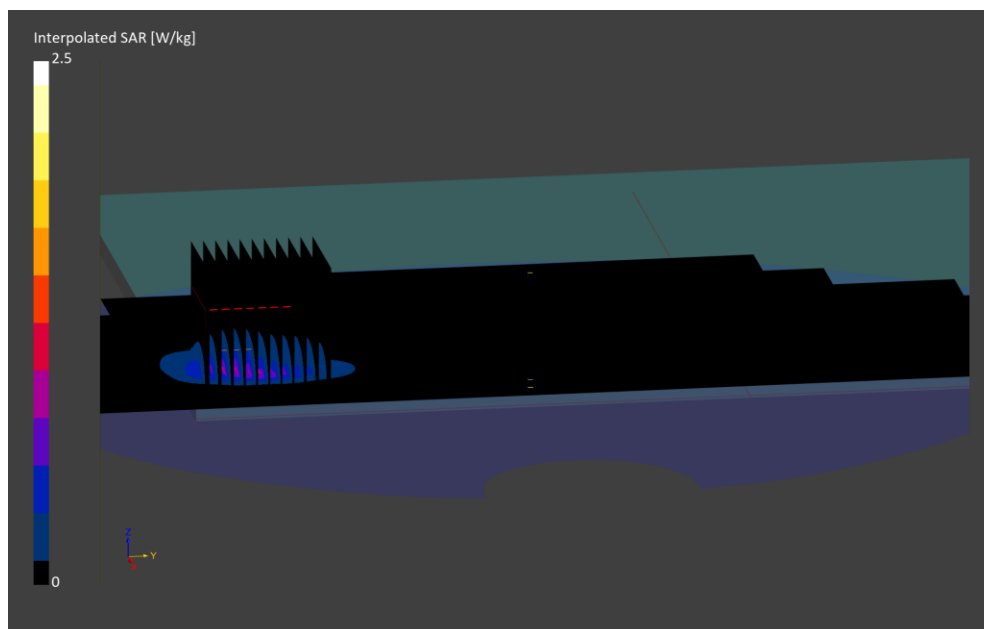
Reference Value = 0.57 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.745 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.3 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 62 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTDH2609

Communication System: UID:10108, LTE-FDD; MAIA: Y; Frequency: 2310.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2310.000$ MHz; $\text{cond} = 1.65$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 5/11/2026; Ambient Temp: 21.5°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.12,7.55,7.79); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 30, Antenna 6, Exp: Body| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (312.0 x 240.0): Measurement grid: $dx=12.0$ mm, $dy=12.0$ mm

Zoom Scan (34.3 x 34.3 x 31.2): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

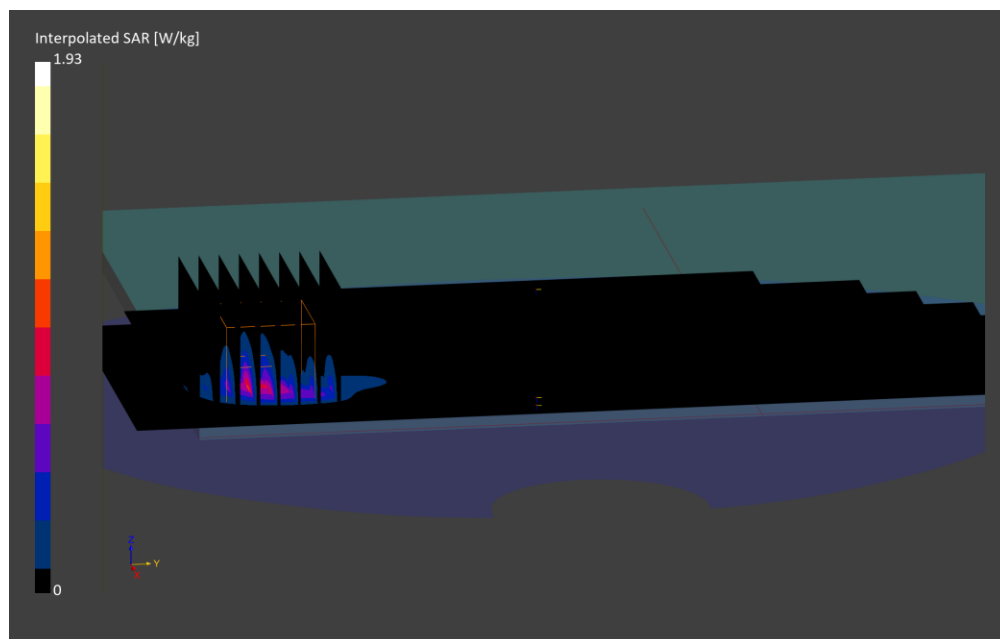
Reference Value = -0.01 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.746 W/kg

Smallest distance from peaks to all points 3 dB below is 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 67.9 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTDH2609

Communication System: UID:10494, LTE-TDD; MAIA: Y; Frequency: 2636.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2636.500$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/14/2026; Ambient Temp: 20.2°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7670; ConvF:(7.08,7.51,7.75); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, Antenna 6, Exp: Body | Back Side, Ch. Mid-High,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (312.0 x 240.0): Measurement grid: $dx=12.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

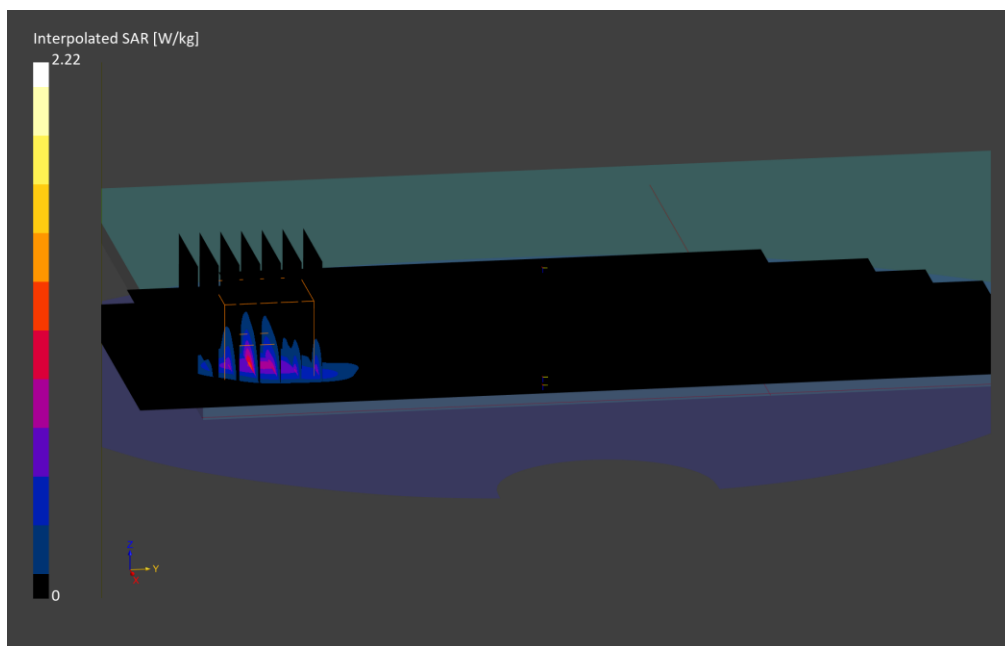
Reference Value = 0.53 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.852 W/kg

Smallest distance from peaks to all points 3 dB below is 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 79.4 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTDH2609

Communication System: UID:10494 - , LTE-TDD; MAIA: Y; Frequency: 3690.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3690.000$ MHz; $\text{cond} = 3.12$ S/m; $\text{perm} = 38.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7659; ConvF:(7.25,7.07,7.11); Calibrated: 2026-04-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2026-04-14
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 48, Antenna 1, Exp: Body| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (320.0 x 220.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 28.0 x 29.1): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

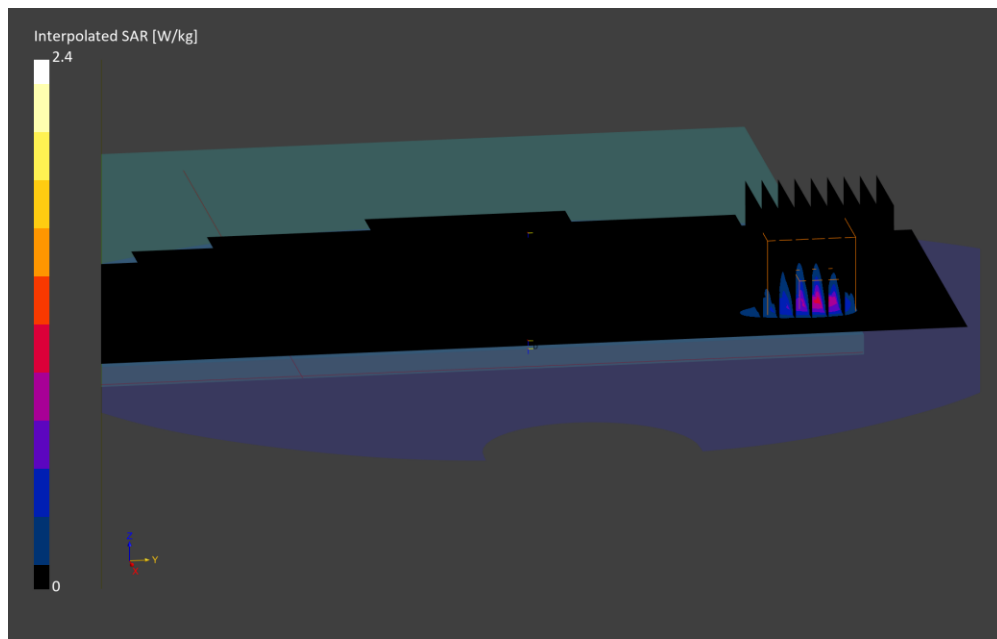
Reference Value = 0.47 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.768 W/kg

Smallest distance from peaks to all points 3 dB below is 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.5 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTD32609

Communication System: UID:10931, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 680.500 MHz; cond = 0.844 S/m; perm = 44.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n71, Antenna 2, Exp: Body| Back Side, Ch. 136100,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (54.6 x 46.2 x 33.4): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.4 mm; Graded Ratio: 1.4

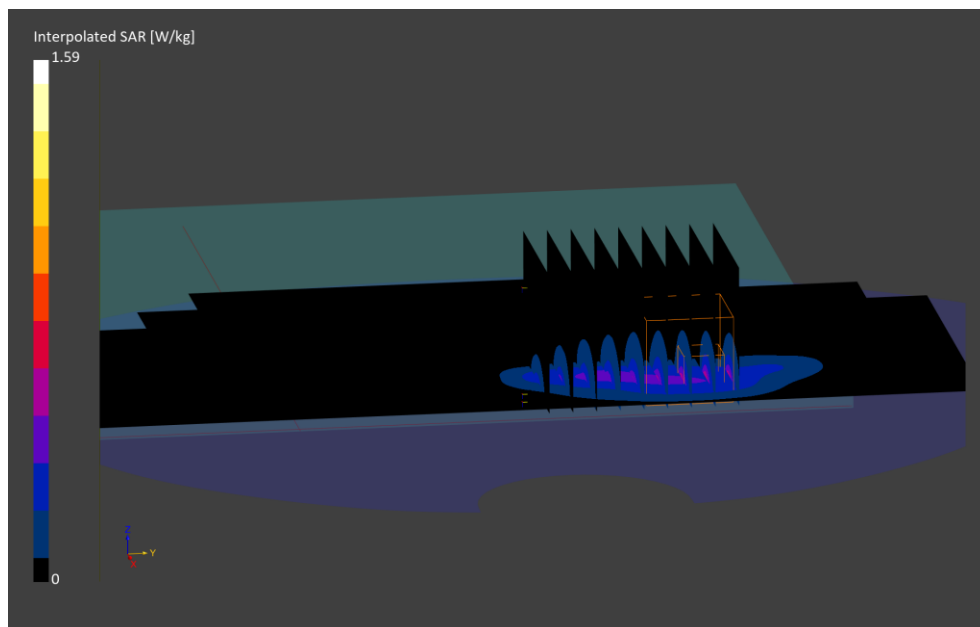
Reference Value = 0.51 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.513 W/kg

Smallest distance from peaks to all points 3 dB below is 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 71.2 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	APPENDIX I Page 66 of 109



ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTB82609

Communication System: UID:10930, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 707.500 MHz; cond = 0.851 S/m; perm = 43.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n12, Antenna 2, Exp: Body| Back Side, Ch. 141500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (31.5 x 31.5 x 31.2): Measurement grid: dx=3.5 mm, dy=3.5 mm, dz=1.5 mm; Graded Ratio: 1.5

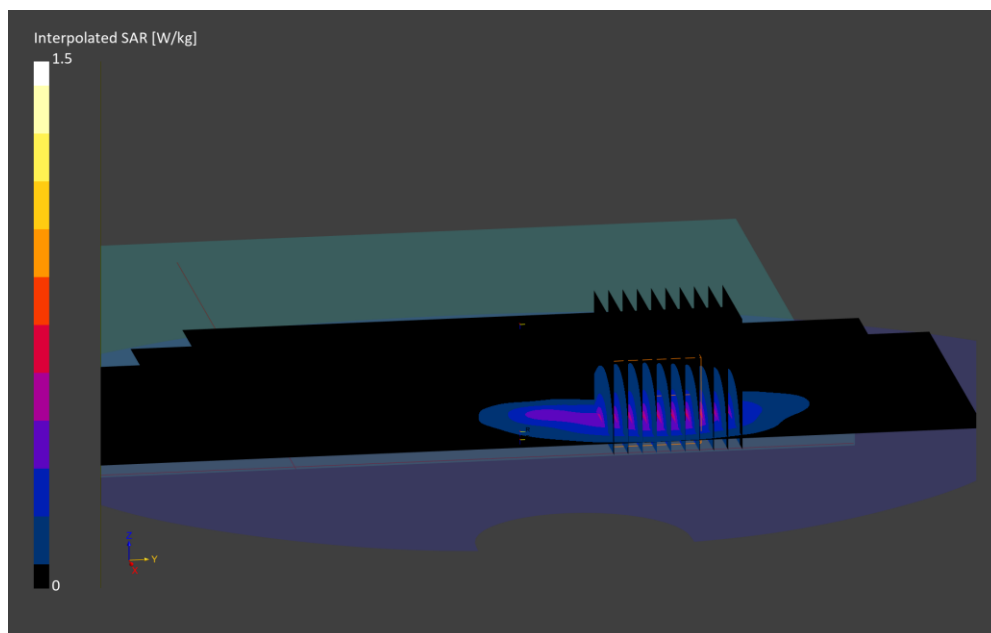
Reference Value = 0.53 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.528 W/kg

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.2 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 67 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTB82609

Communication System: UID:10768, CW; MAIA: Y; Frequency: 793.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 793.000$ MHz; $\text{cond} = 0.877$ S/m; $\text{perm} = 43.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n14, Antenna 2, Exp: Body| Back Side, Ch. 158600,
10 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (50.6 x 46.0 x 33.4): Measurement grid: $dx=4.6$ mm, $dy=4.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

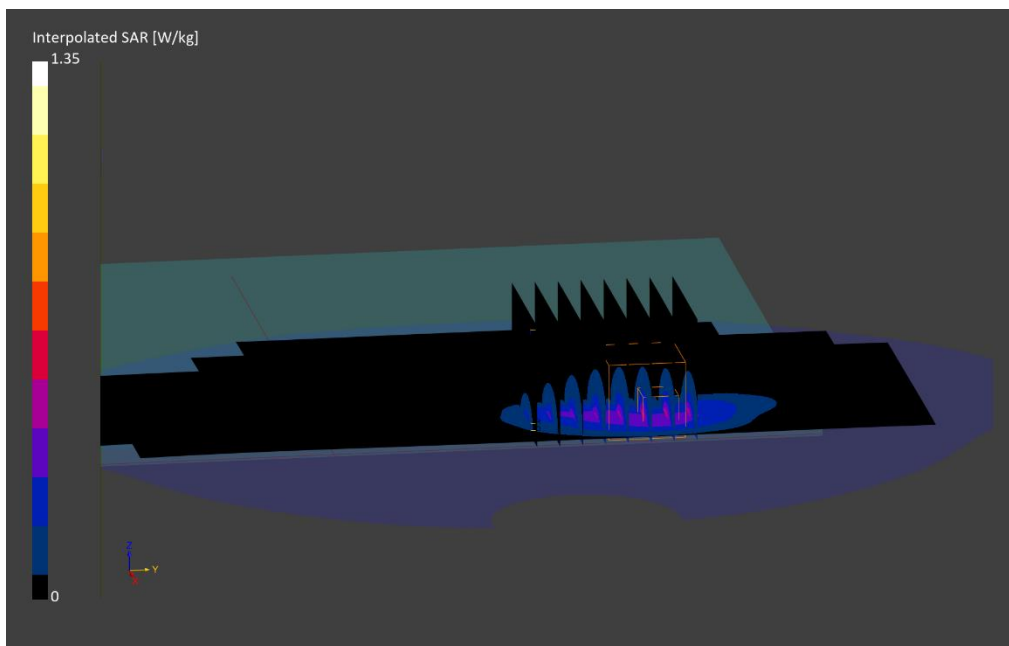
Reference Value = 0.30 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.475 W/kg

Smallest distance from peaks to all points 3 dB below is 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 69.1 %



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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 68 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTB82609

Communication System: UID:10770, CW; MAIA: Y; Frequency: 836.500 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 836.500 \text{ MHz}$; $\text{cond} = 0.889 \text{ S/m}$; $\text{perm} = 43.5$; $\text{density} = 1000 \text{ kg/m}^3$
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.04,10.04,9.74); Calibrated: 2026-03-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna 2, Exp: Body| Back Side, Ch. 167300,
20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (51.0 x 51.0 x 33.4): Measurement grid: $dx=3.4 \text{ mm}$, $dy=3.4 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

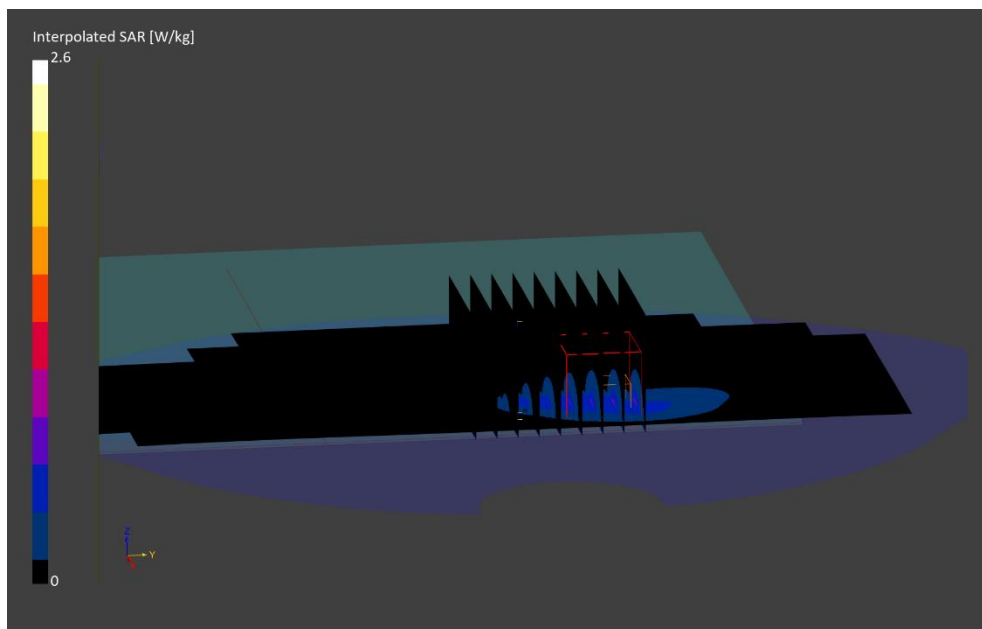
Reference Value = 0.40 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.668 W/kg

Smallest distance from peaks to all points 3 dB below is 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 57.4 %



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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTB82609

Communication System: UID:10939, 5G NR FR1 FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 831.500 MHz; cond = 0.888 S/m; perm = 43.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.04,10.04,9.74); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n26, Antenna 2, Exp: Body| Back Side, Ch. 166300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (46.2 x 46.2 x 33.4): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.4 mm; Graded Ratio: 1.4

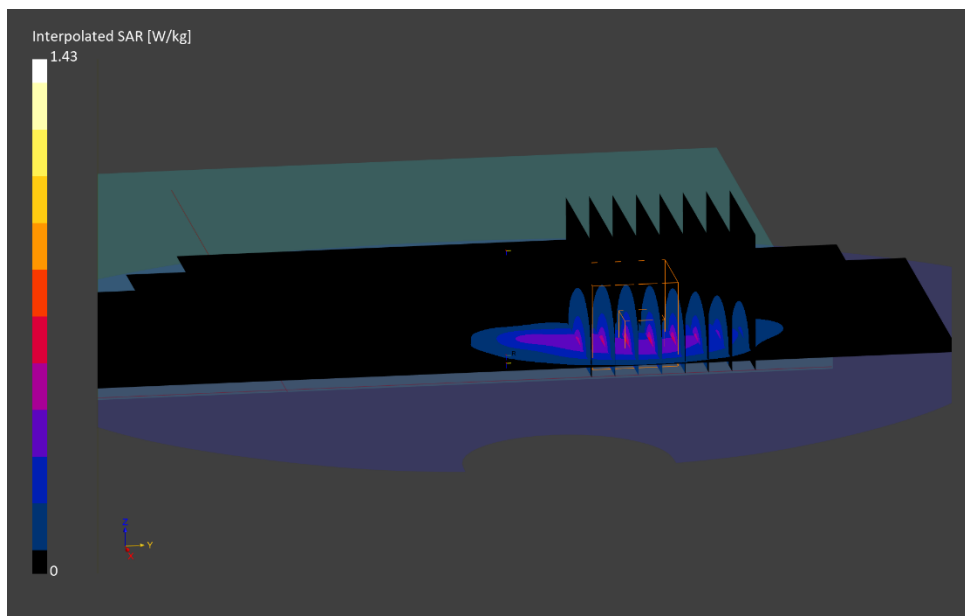
Reference Value = 0.50 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.529 W/kg

Smallest distance from peaks to all points 3 dB below is 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 72.5 %



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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTD32609

Communication System: UID:10934, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1745.000$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 39.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/11/2026; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(8.1,7.55,7.78); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna 6, Exp: Body| Back Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 214 RB Offset**

Area Scan (330.0 x 240.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (34.2 x 34.2 x 33.4): Measurement grid: $dx=3.8$ mm, $dy=3.8$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

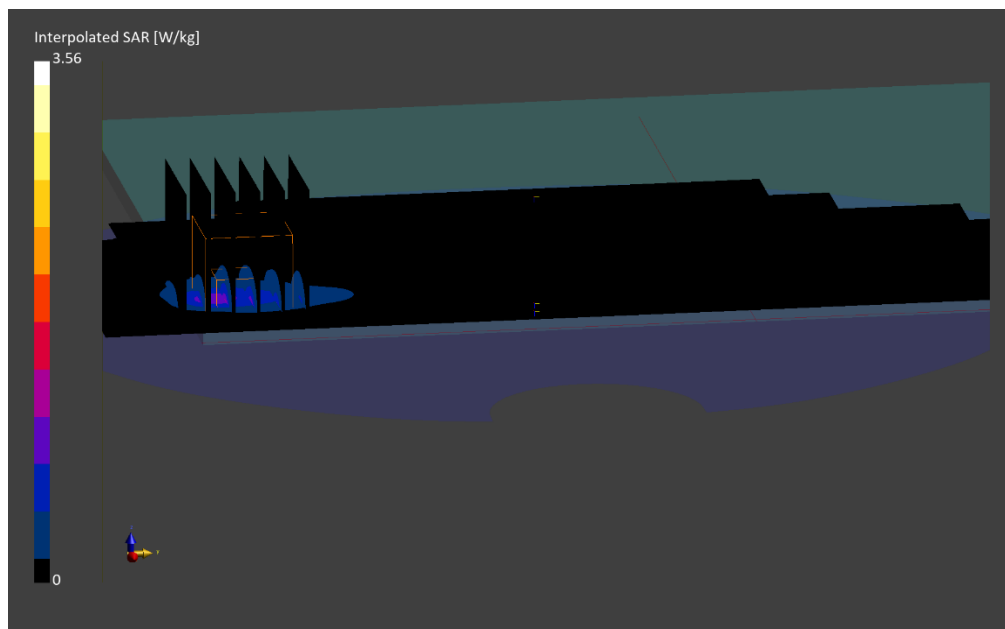
Reference Value = 0.73 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 0.917 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.7 %



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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDRD2609

Communication System: UID:10934, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1882.500 MHz; cond = 1.36 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/13/2026; Ambient Temp: 23.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna 6, Exp: Body| Top Edge, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 214 RB Offset**

Area Scan (40.0 x 330.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (39.6 x 39.6 x 33.4): Measurement grid: dx=4.4 mm, dy=4.4 mm, dz=1.4 mm; Graded Ratio: 1.4

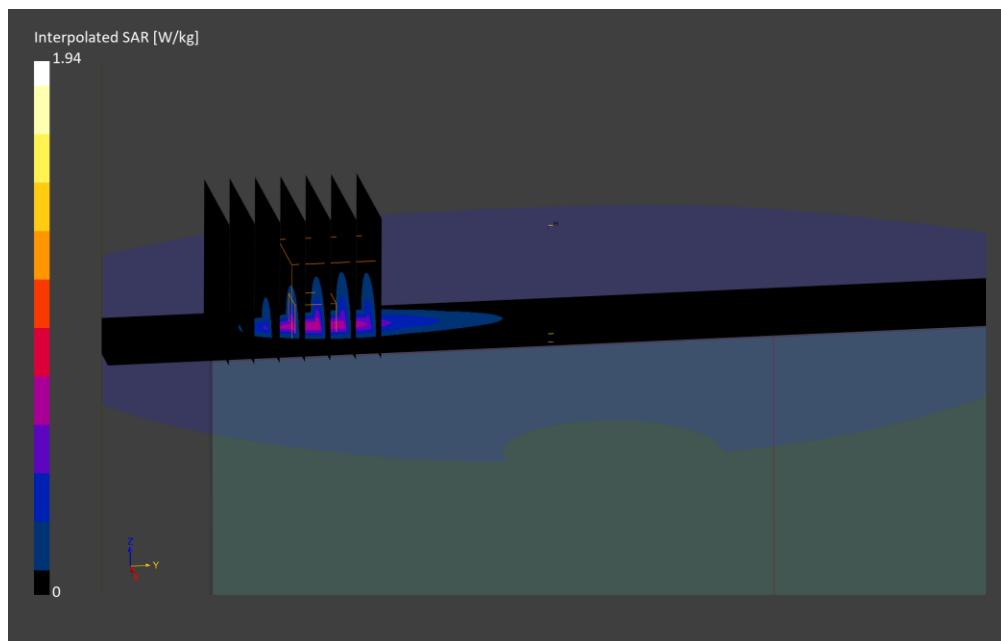
Reference Value = 0.55 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.651 W/kg

Smallest distance from peaks to all points 3 dB below is 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 71.7 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 72 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7BTC32609

Communication System: UID:10768, CW; MAIA: Y; Frequency: 2310.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2310.000 MHz; cond = 1.74 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/14/2026; Ambient Temp: 20.2°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7670; ConvF:(7.12,7.55,7.79); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n30, Antenna 6, Exp: Body| Back Side, Ch. 462000,
10 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (312.0 x 240.0): Measurement grid: dx=12.0 mm, dy=12.0 mm

Zoom Scan (34.4 x 34.4 x 31.2): Measurement grid: dx=4.3 mm, dy=4.3 mm, dz=1.5 mm; Graded Ratio: 1.5

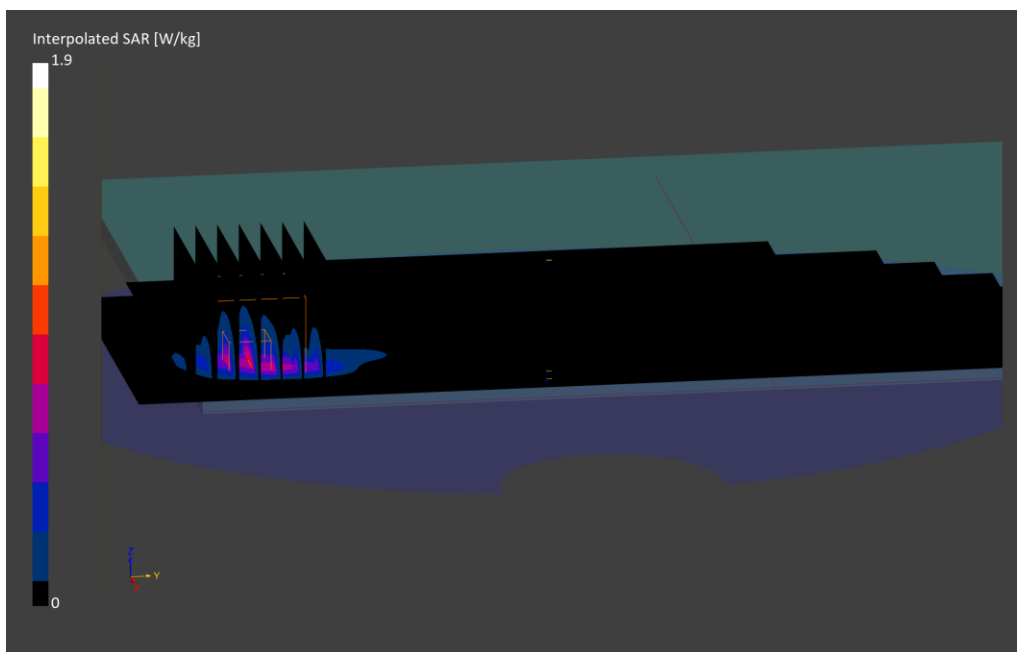
Reference Value = 0.47 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.759 W/kg

Smallest distance from peaks to all points 3 dB below is 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 77.2 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 7CR4R2609

Communication System: UID:10868, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2592.990 MHz; cond = 1.93 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/04/2026; Ambient Temp: 19.8°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.08,7.51,7.75); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna 6, Exp: Body| Back Side, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

Area Scan (312.0 x 240.0): Measurement grid: dx=12.0 mm, dy=12.0 mm

Zoom Scan (32.0 x 32.0 x 33.4): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

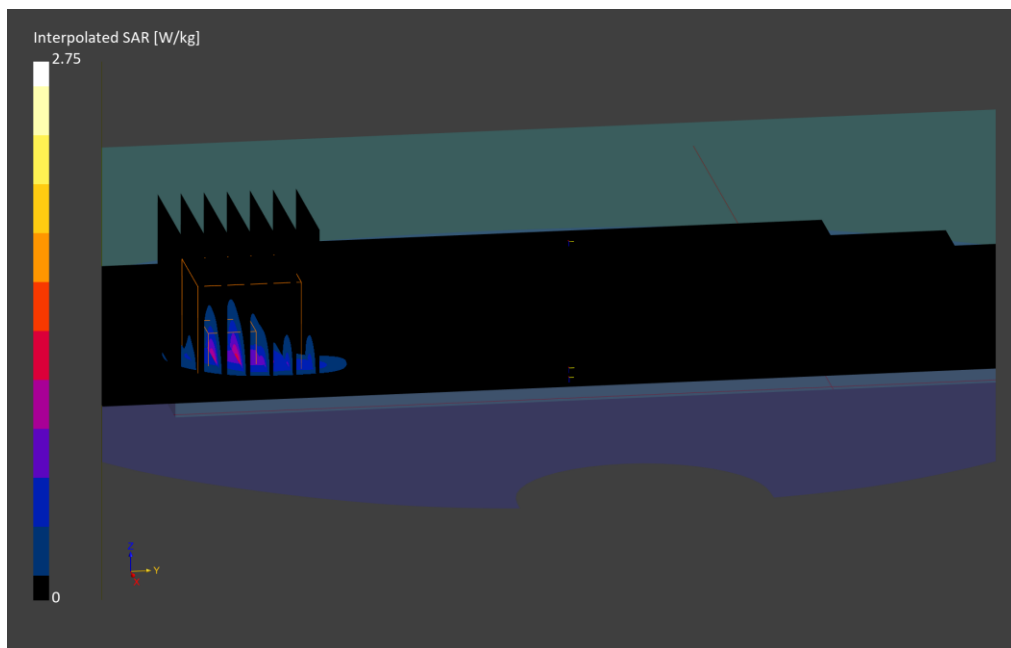
Reference Value = 0.50 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.932 W/kg

Smallest distance from peaks to all points 3 dB below is 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.9 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo. 	APPENDIX I Page 74 of 109

ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQ2609

Communication System: UID:0, CW; MAIA: Y; Frequency: 3625.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3625.000$ MHz; $\text{cond} = 2.91$ S/m; $\text{perm} = 38.9$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/26/2026; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7659; ConvF:(7.25,7.07,7.11); Calibrated: 2026-04-15
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1272; Calibrated: 2026-04-14
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NR Band n48, Antenna 8, Keyboard, Exp: Body| Right Edge, Ch. 641666, 40 MHz
Bandwidth, CW/SRS

Area Scan (40.0 x 220.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (29.7 x 29.7 x 29.1): Measurement grid: $dx=2.7$ mm, $dy=2.7$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

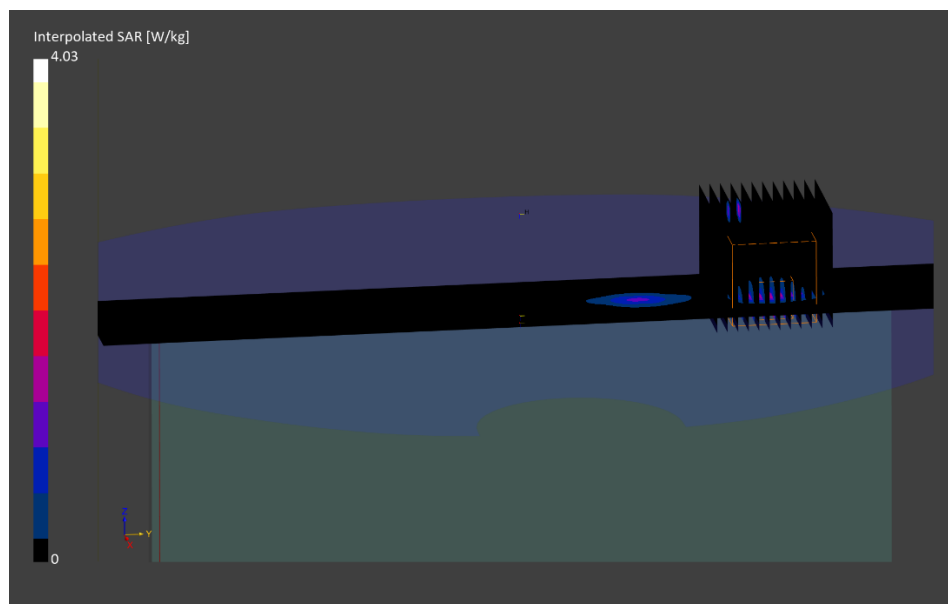
Reference Value = 0.69 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.03 W/kg

SAR(1 g) = 0.976 W/kg

Smallest distance from peaks to all points 3 dB below is 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.7 %



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: C3K2114; Type: Wireless Module; Serial: 4TDQ2609

Communication System: UID:0, CW; MAIA: Y; Frequency: 3930.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3930.000$ MHz; $\text{cond} = 3.30$ S/m; $\text{perm} = 37.1$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/21/2026; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7659; ConvF:(7.14,6.96,7.01); Calibrated: 2026-04-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2026-04-14
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NR Band n77, Antenna 7, Exp: Body| Left Edge, Ch. 662000, 100 MHz Bandwidth, CW/SRS

Area Scan (40.0 x 220.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (36.0 x 36.0 x 29.1): Measurement grid: $dx=3.0$ mm, $dy=3.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

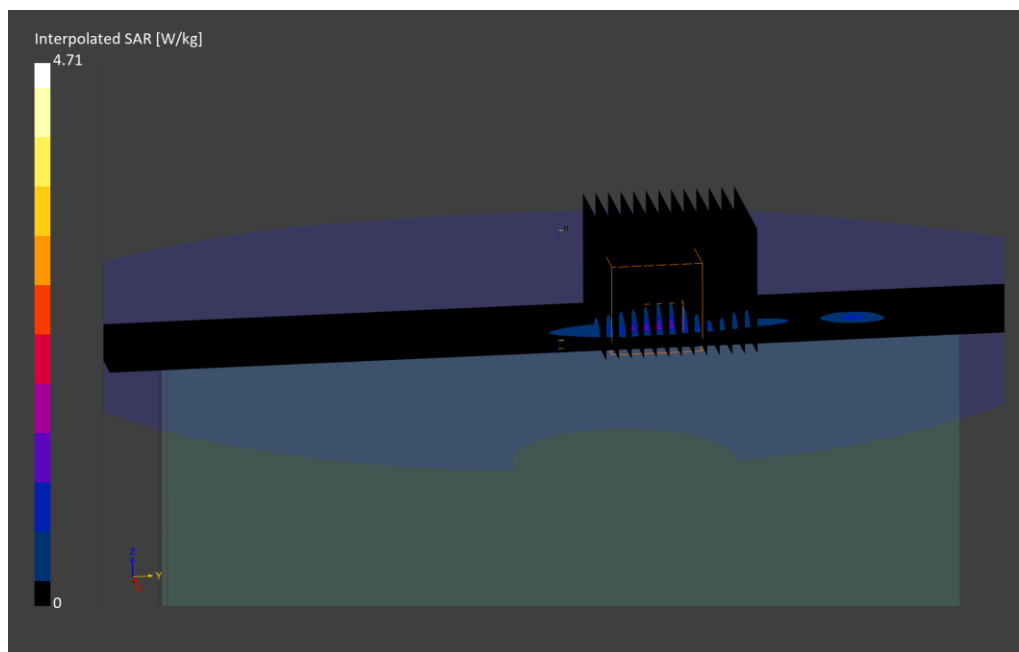
Reference Value = 0.44 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 0.940 W/kg

Smallest distance from peaks to all points 3 dB below is 3.3 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



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I.8 SAR Dipole Verification Plots

The SAR Dipole Verification Plots associated with the test system verifications presented in Section I.6 are included below.

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ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

Communication System: UID: 0, CW; Frequency: 750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 750.000 MHz; cond = 0.895 S/m; perm = 42.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/14/2026; Ambient Temp: 21.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7570; ConvF:(9.63,10.38,9.76); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn859; Calibrated: 2026-02-09

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

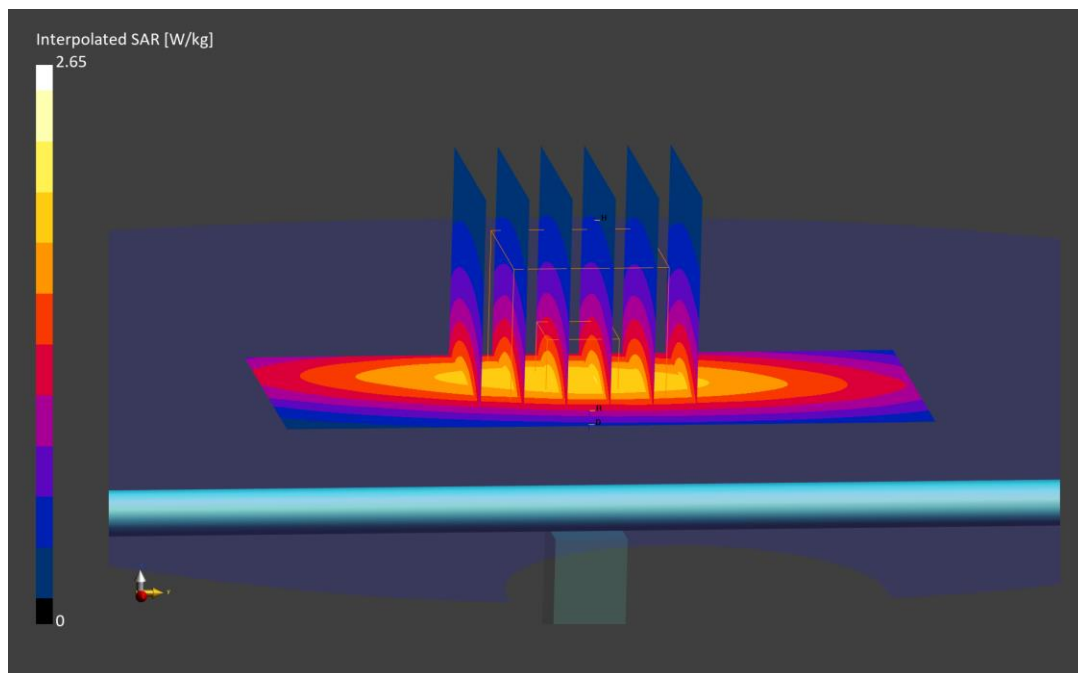
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 4.67%; Deviation (10 g) = 8.13%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

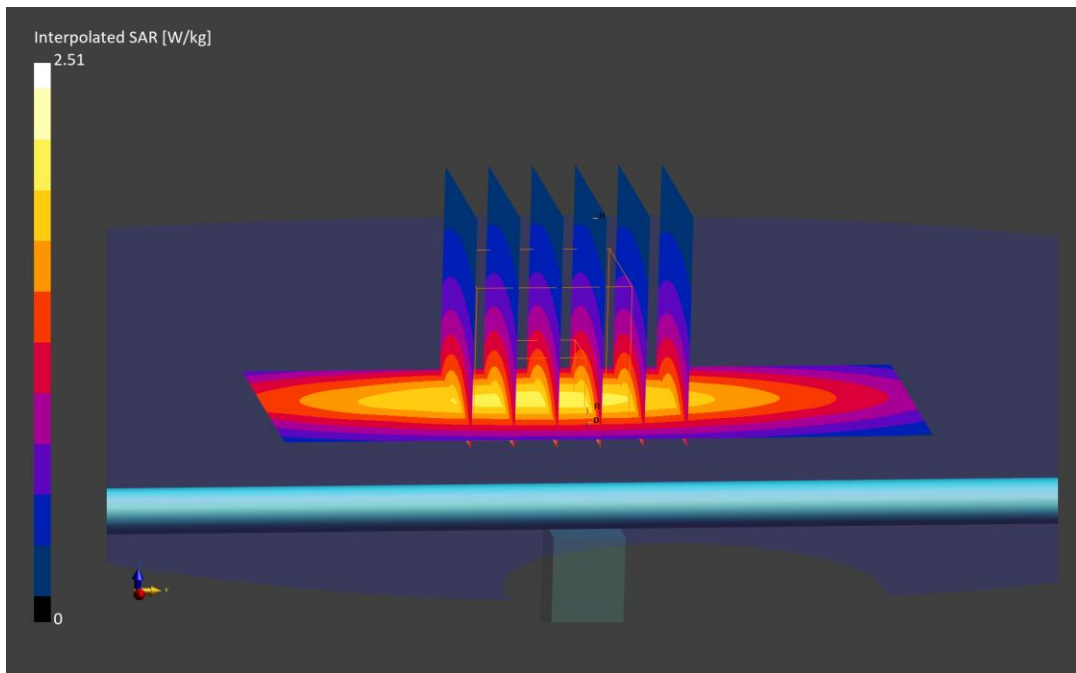
Communication System: UID: 0, CW; Frequency: 750.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 750.000 \text{ MHz}$; $\text{cond} = 0.881 \text{ S/m}$; $\text{perm} = 42.6$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 15 mm

Test Date: 05/18/2026; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.87,9.26,10.02); Calibrated: 2025-11-07
 Sensor-Surface: 1.4mm (All points)
 Electronics: DAE4 Sn1677; Calibrated: 2025-11-05
 Phantom: Twin-SAM V8.0; Serial: 2064
 Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (40.0 x 90.0): Measurement grid: $\text{dx}=10.0 \text{ mm}$, $\text{dy}=15.0 \text{ mm}$
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $\text{dx}=6.0 \text{ mm}$, $\text{dy}=6.0 \text{ mm}$, $\text{dz}=1.5 \text{ mm}$; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.17 W/kg
 Deviation (1 g) = 2.87%; Deviation (10 g) = 8.13%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

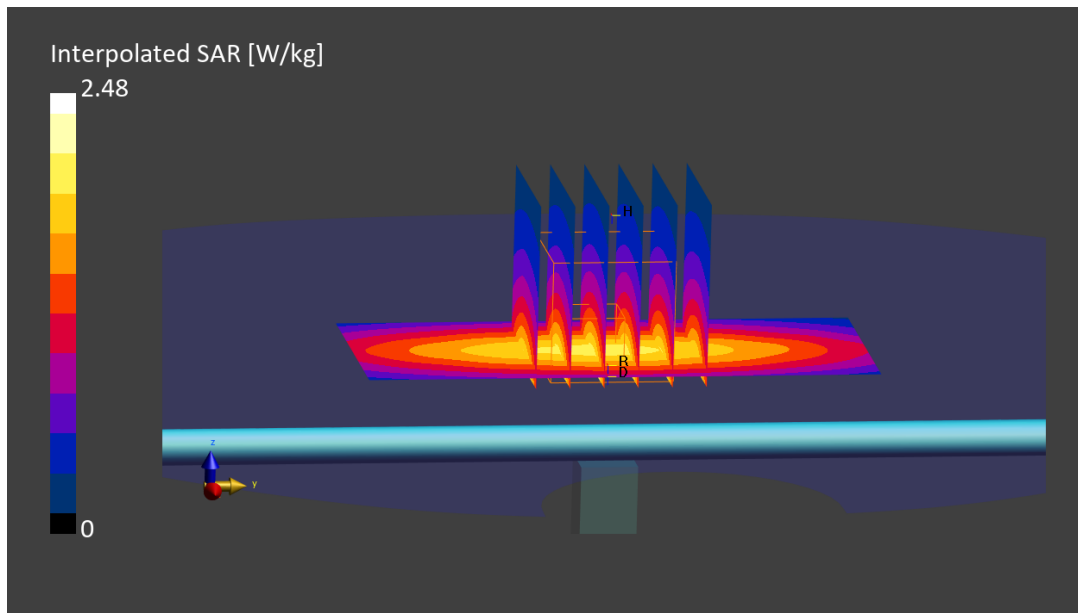
Communication System: UID: 0, CW; Frequency: 750.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 750.000 \text{ MHz}$; $\text{cond} = 0.863 \text{ S/m}$; $\text{perm} = 43.8$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 15 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
 Phantom: Twin-SAM V8.0; Serial: 2060
 Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (40.0 x 90.0): Measurement grid: $\text{dx}=10.0 \text{ mm}$, $\text{dy}=15.0 \text{ mm}$
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $\text{dx}=6.0 \text{ mm}$, $\text{dy}=6.0 \text{ mm}$, $\text{dz}=1.5 \text{ mm}$; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 2.48 W/kg
SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.19 W/kg
 Deviation (1 g) = 0.23%; Deviation (10 g) = 6.06%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1161

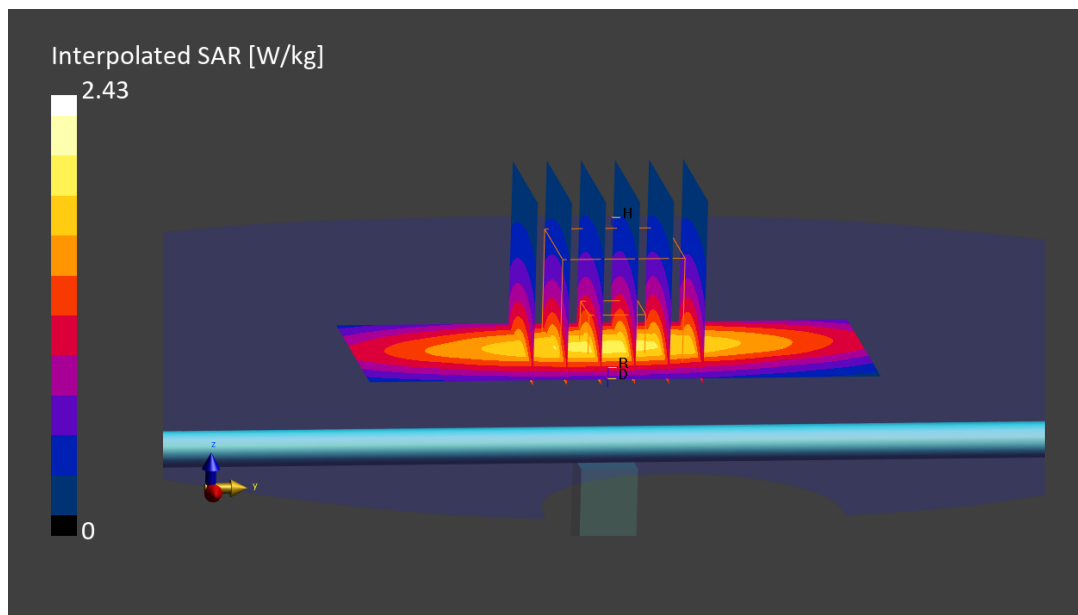
Communication System: UID: 0, CW; Frequency: 750.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 750.000 \text{ MHz}$; $\text{cond} = 0.895 \text{ S/m}$; $\text{perm} = 43.0$; $\text{density} = 1000 \text{ kg/m}^3$
 Phantom Section: Flat; Space: 15 mm

Test Date: 06/26/2026; Ambient Temp: 22.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7488; ConvF:(10.25,10.26,9.95); Calibrated: 2026-03-11
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1415; Calibrated: 2026-03-09
 Phantom: Twin-SAM V8.0; Serial: 2060
 Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0 \text{ mm}$, $dy=15.0 \text{ mm}$
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0 \text{ mm}$, $dy=6.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.11 W/kg
 Deviation (1 g) = -1.32%; Deviation (10 g) = 2.59%



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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX I Page 81 of 109

ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d132

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.932 S/m; perm = 42.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/14/2026; Ambient Temp: 21.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7570; ConvF:(9.47,10.21,9.59); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn859; Calibrated: 2026-02-09

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

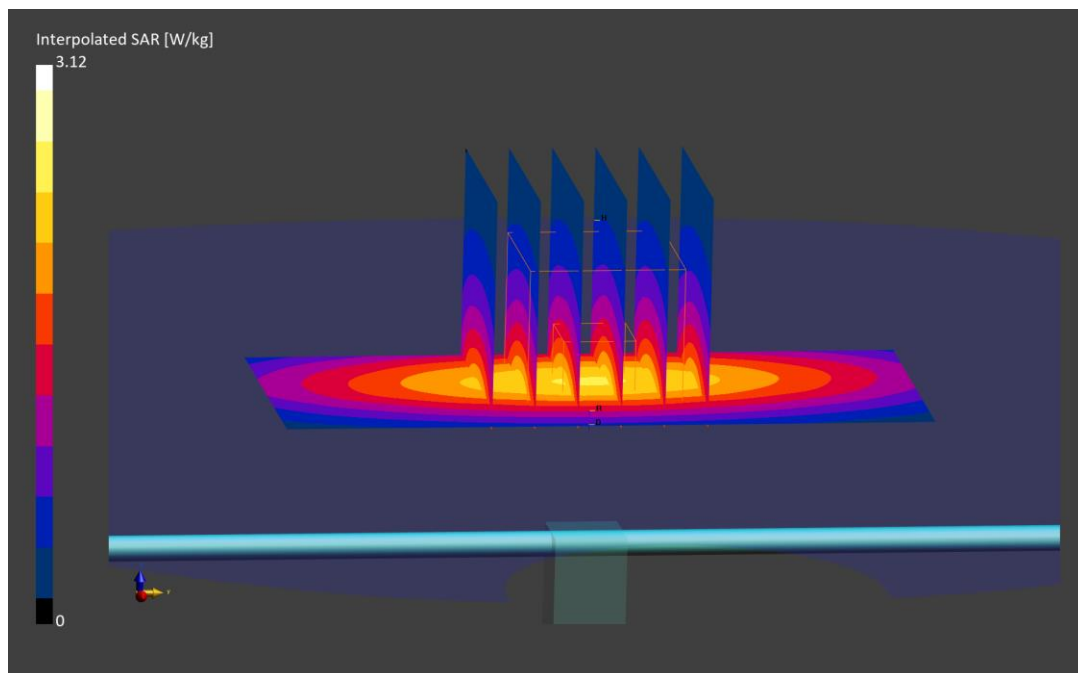
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.38 W/kg

Deviation (1 g) = 5.18%; Deviation (10 g) = 7.81%



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ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d047

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.889 S/m; perm = 43.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/18/2026; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7488; ConvF:(10.04,10.04,9.74); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

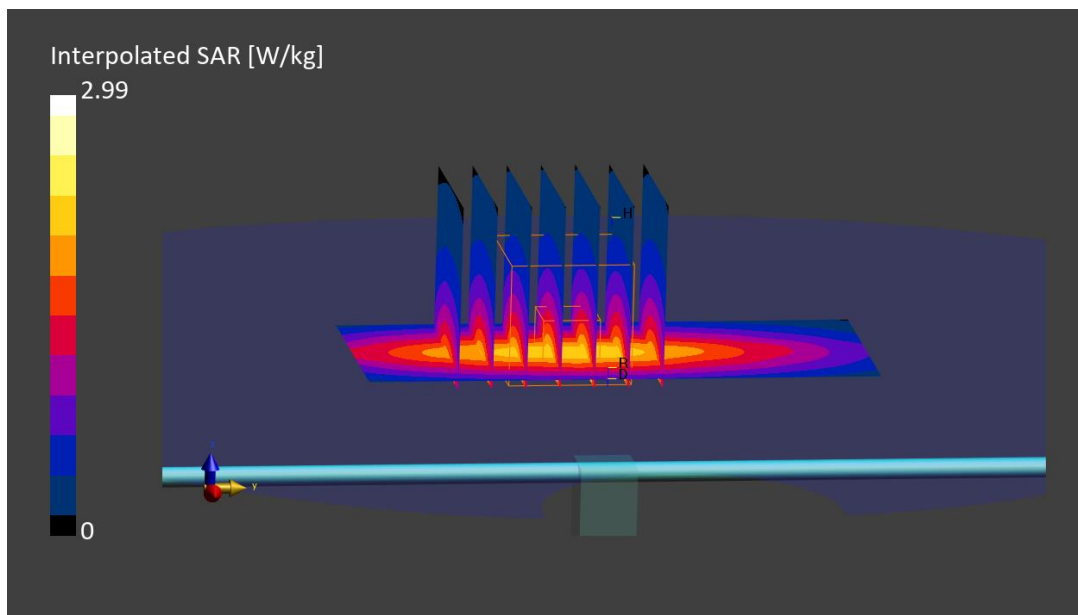
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 36.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.21 W/kg

Deviation (1 g) = 0.11%; Deviation (10 g) = -0.66%



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ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d047

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 835.000$ MHz; $\text{cond} = 0.868$ S/m; $\text{perm} = 42.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/21/2026; Ambient Temp: 22.8°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7488; ConvF:(10.04,10.04,9.74); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2026-03-09

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

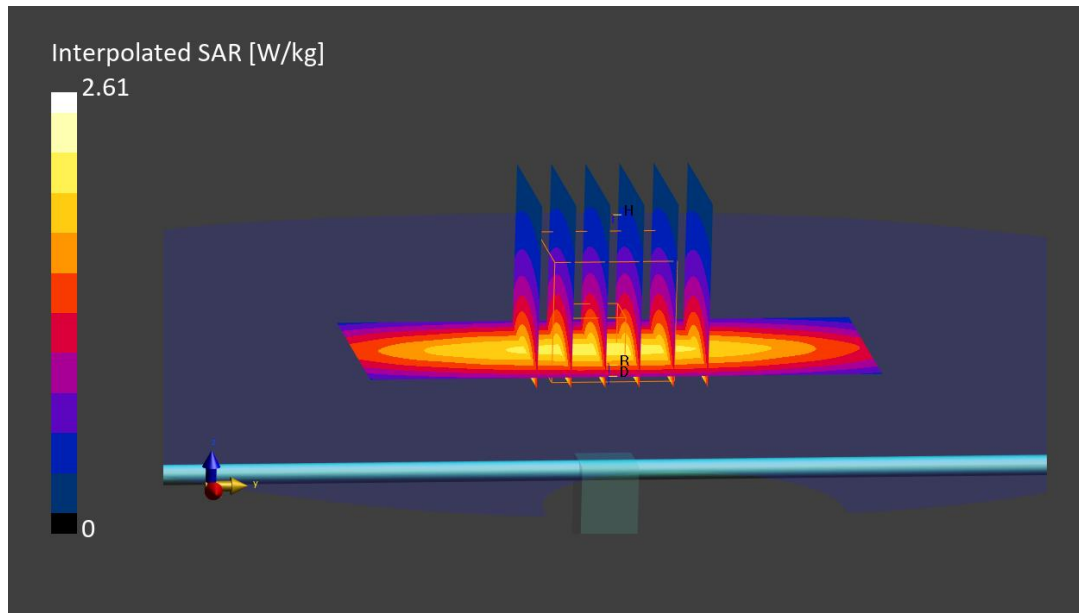
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.81 W/kg; SAR(10 g) = 1.24 W/kg

Deviation (1 g) = -4.13%; Deviation (10 g) = 1.81%



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ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 835.000 MHz; cond = 0.908 S/m; perm = 42.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 05/21/2026; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.61,9.02,9.77); Calibrated: 2025-11-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2025-11-05

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

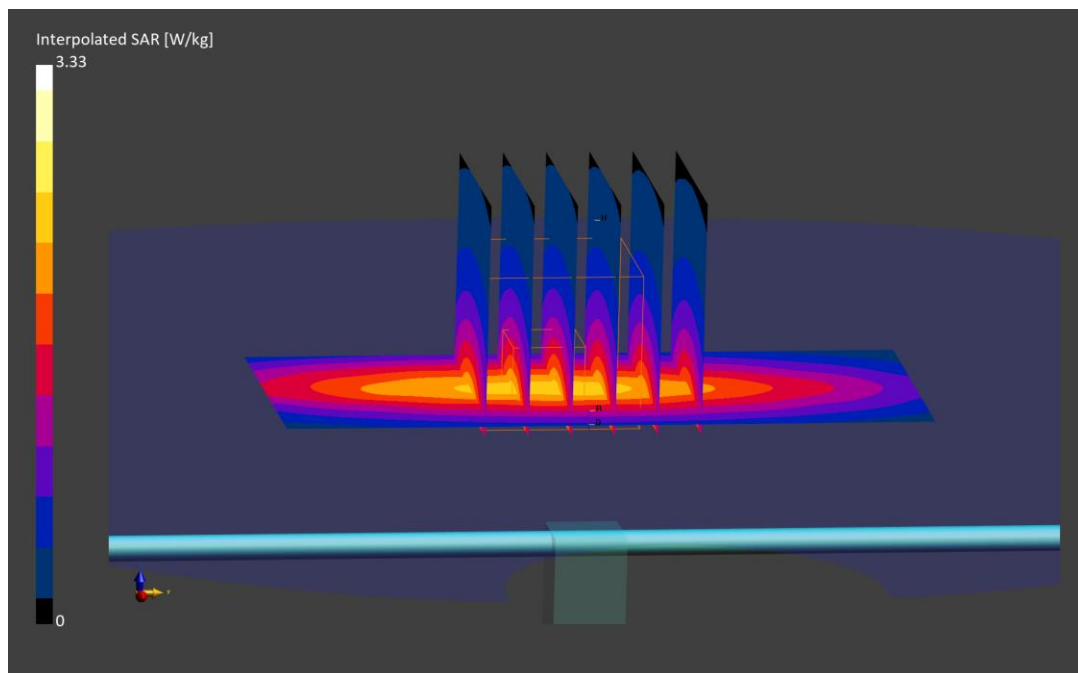
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.29 W/kg

Deviation (1 g) = 2.62%; Deviation (10 g) = -0.62%



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ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1750.000 MHz; cond = 1.42 S/m; perm = 38.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/11/2026; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(8.1,7.55,7.78); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

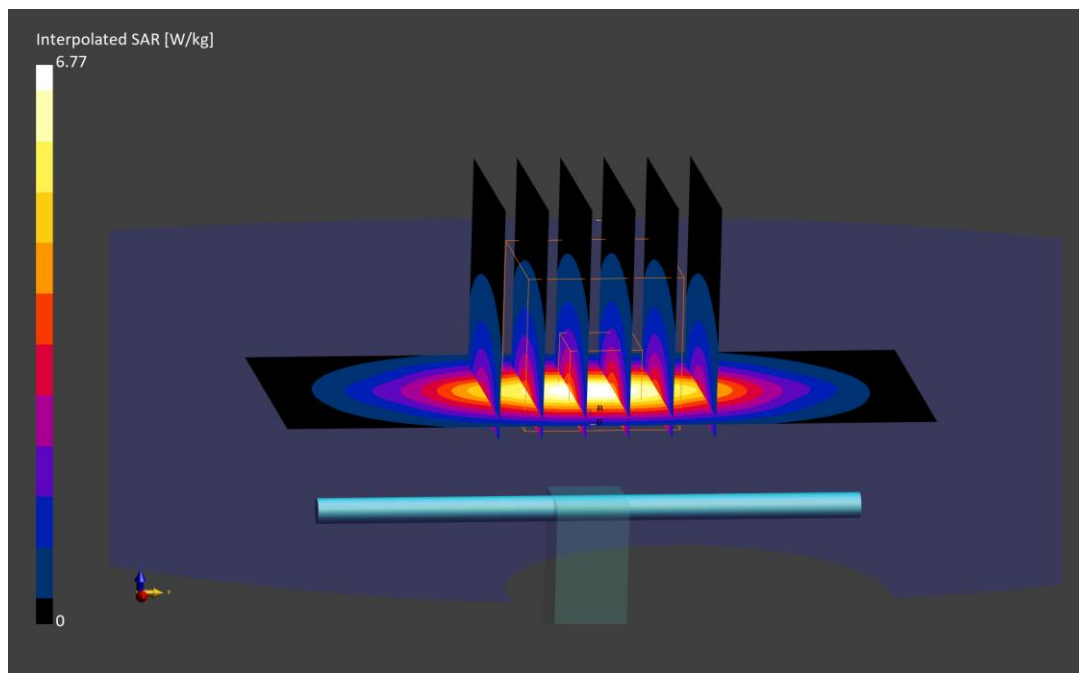
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 3.56 W/kg; SAR(10 g) = 1.88 W/kg

Deviation (1 g) = -2.20%; Deviation (10 g) = -3.09%



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ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1750.000 MHz; cond = 1.37 S/m; perm = 41.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2026; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7417; ConvF:(8.1,7.55,7.78); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

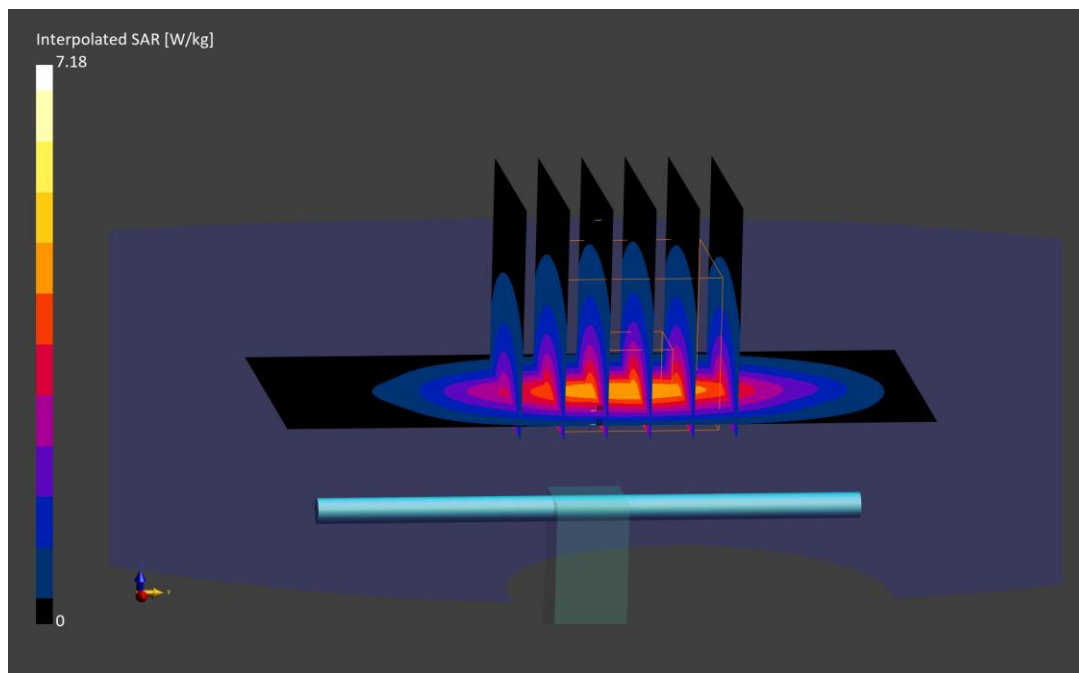
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 3.90 W/kg; SAR(10 g) = 2.09 W/kg

Deviation (1 g) = 5.69%; Deviation (10 g) = 6.63%



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ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1900.000 MHz; cond = 1.37 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/13/2026; Ambient Temp: 23.4°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

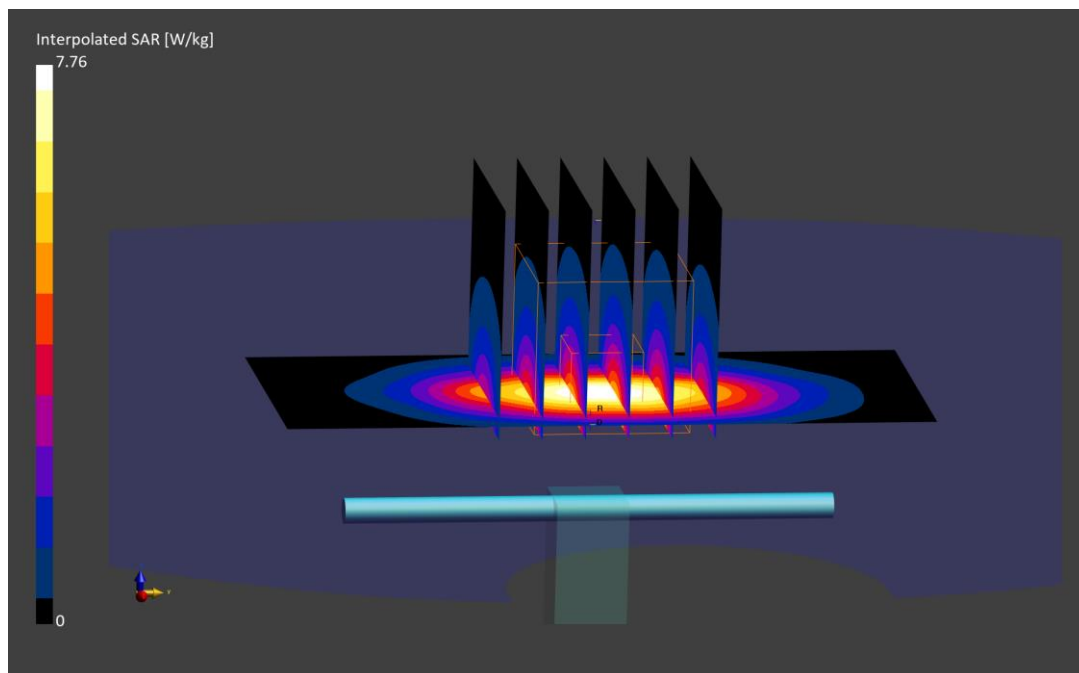
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.76 W/kg

SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.26 W/kg

Deviation (1 g) = 7.58%; Deviation (10 g) = 8.13%



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ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

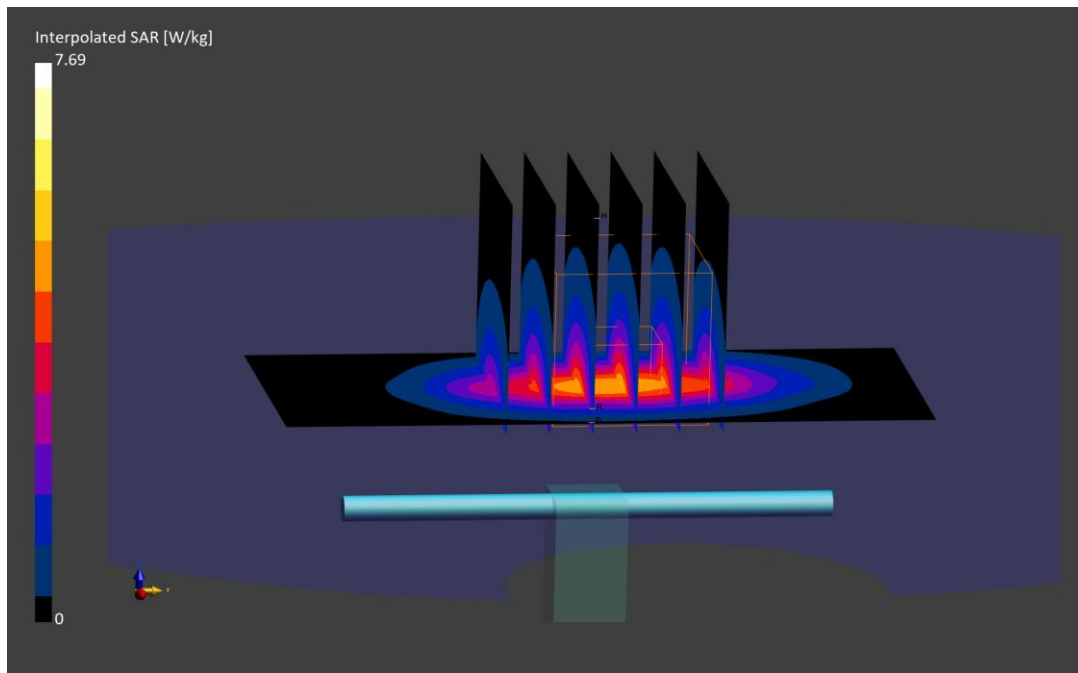
Communication System: UID: 0, CW; Frequency: 1900.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 1900.000$ MHz; $\text{cond} = 1.46$ S/m; $\text{perm} = 40.8$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2026; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7417; ConvF:(7.96,7.42,7.65); Calibrated: 2026-02-11
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4ip Sn1639; Calibrated: 2026-01-08
 Phantom: Twin-SAM V8.0; Serial: 1979
 Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 7.69 W/kg
SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.15 W/kg
 Deviation (1 g) = 4.80%; Deviation (10 g) = 2.87%



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ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1116

Communication System: UID: 0, CW; Frequency: 2300.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2300.000 MHz; cond = 1.64 S/m; perm = 41.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 5/11/2026; Ambient Temp: 21.5°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.12,7.55,7.79); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

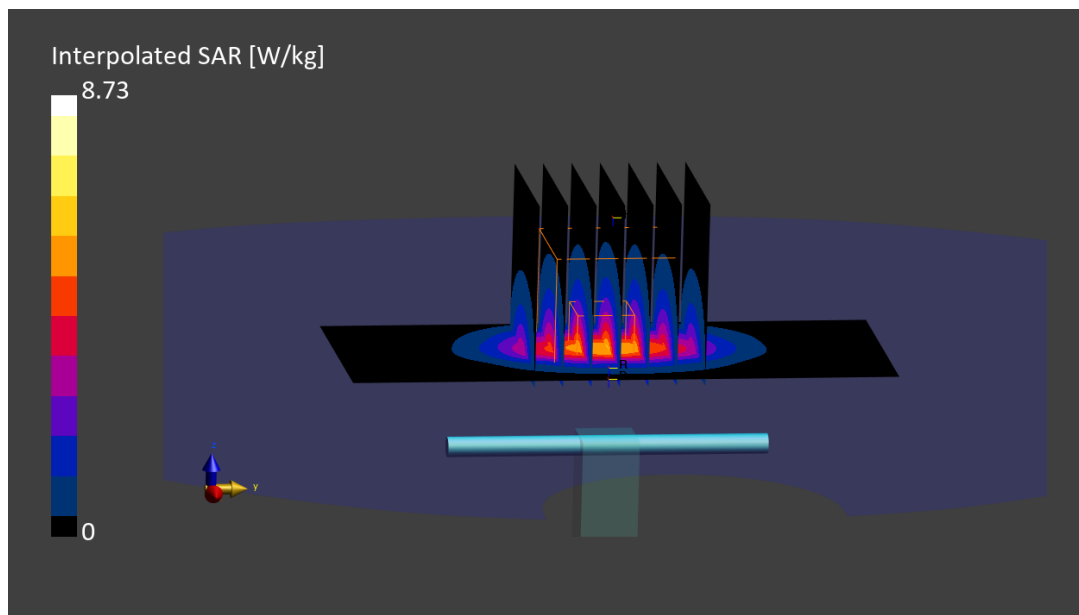
Area Scan (40.0 x 96.0): Measurement grid: dx=10.0 mm, dy=12.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 8.73 W/kg

SAR(1 g) = 4.68 W/kg; SAR(10 g) = 2.31 W/kg

Deviation (1 g) = -4.88%; Deviation (10 g) = -3.35%



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ELEMENT

DUT: Dipole 2300.000 MHz; Type: D2300V2 - SN1073

Communication System: UID: 0, CW; Frequency: 2300.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2300.000 MHz; cond = 1.73 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/14/2026; Ambient Temp: 20.2°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7670; ConvF:(7.12,7.55,7.79); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2300.0 MHz System Verification at 20.0 dBm (100 mW)

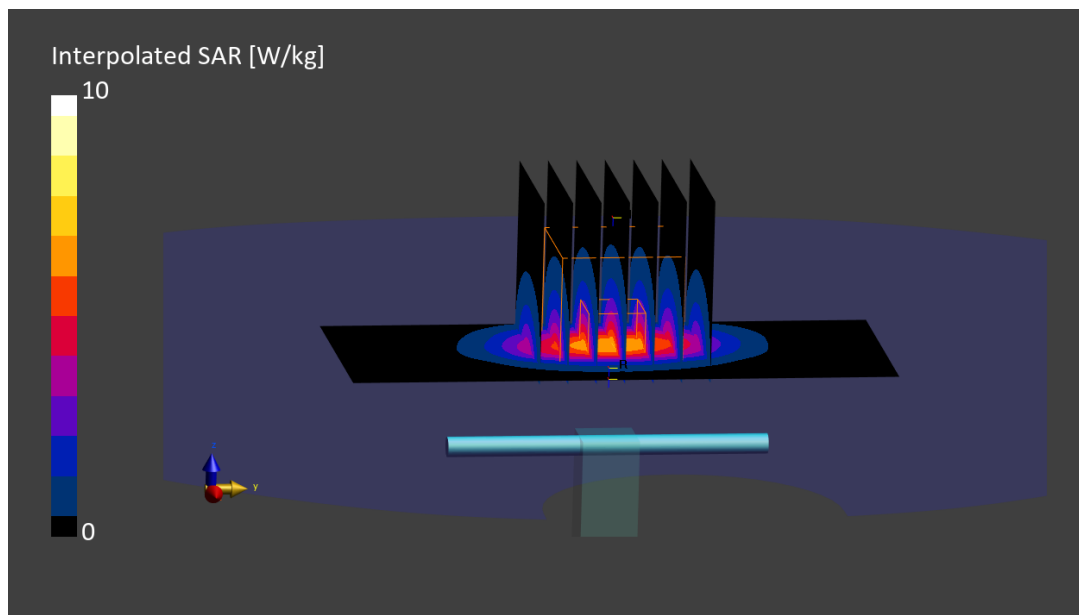
Area Scan (40.0 x 96.0): Measurement grid: dx=10.0 mm, dy=12.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.57 W/kg

Deviation (1 g) = 8.44%; Deviation (10 g) = 9.36%



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ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN719

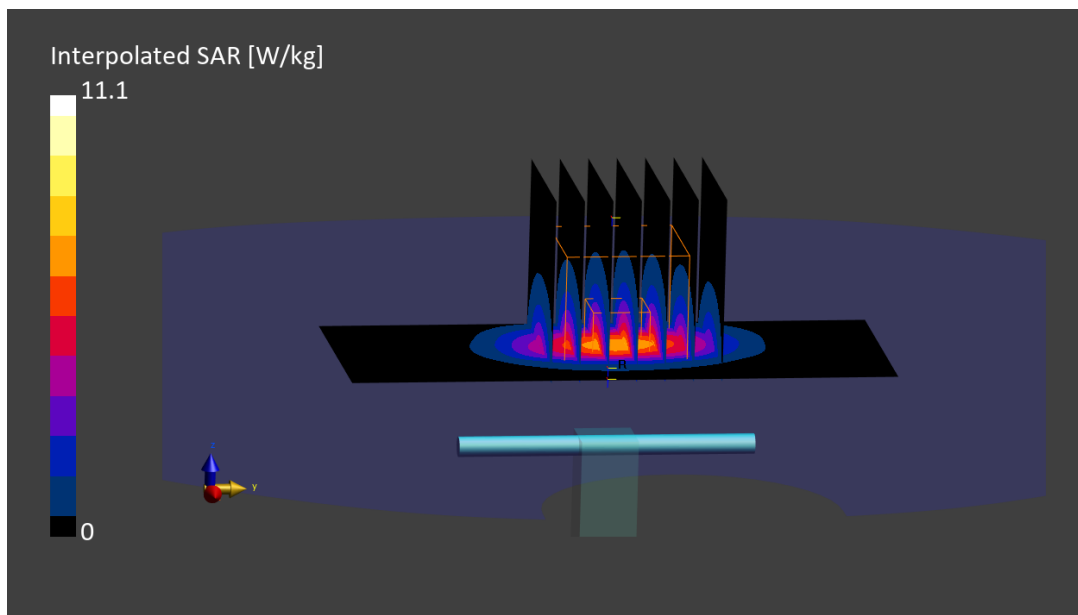
Communication System: UID: 0, CW; Frequency: 2450.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2450.000$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/14/2026; Ambient Temp: 20.2°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7670; ConvF:(6.86,7.28,7.51); Calibrated: 2025-10-13
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1449; Calibrated: 2025-10-13
 Phantom: Twin-SAM V8.0; Serial: 1978
 Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.70 W/kg; SAR(10 g) = 2.70 W/kg
 Deviation (1 g) = 9.20%; Deviation (10 g) = 9.76%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1064

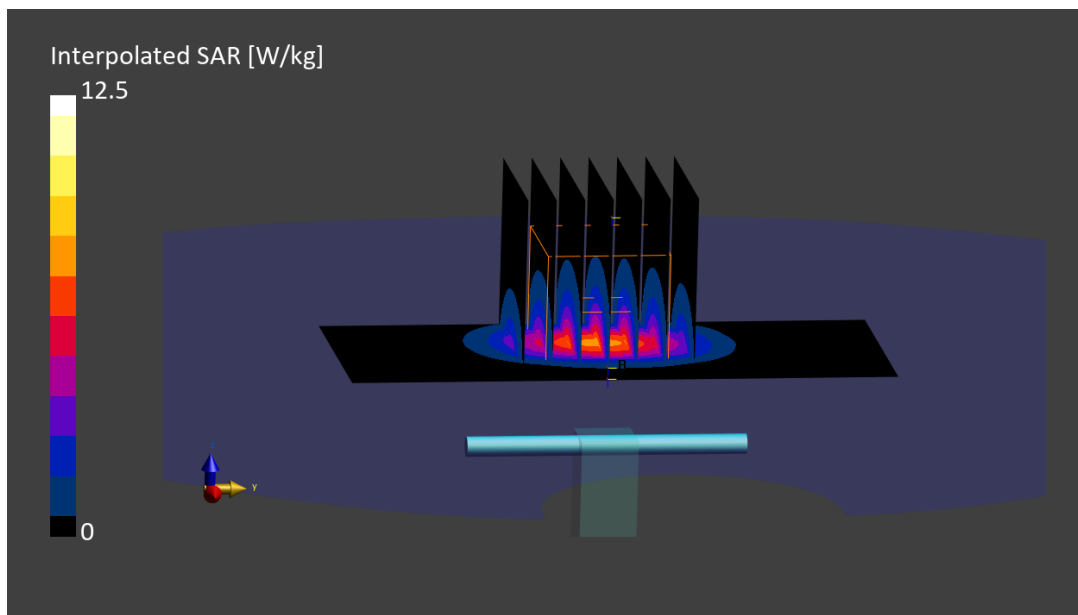
Communication System: UID: 0, CW; Frequency: 2600.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.94$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/04/2026; Ambient Temp: 19.8°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.08,7.51,7.75); Calibrated: 2025-10-13
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1449; Calibrated: 2025-10-13
 Phantom: Twin-SAM V8.0; Serial: 1978
 Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm
Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 6.09 W/kg; SAR(10 g) = 2.77 W/kg
 Deviation (1 g) = 8.56%; Deviation (10 g) = 9.92%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2600.000 MHz; cond = 1.97 S/m; perm = 39.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/14/2026; Ambient Temp: 20.2°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7670; ConvF:(7.08,7.51,7.75); Calibrated: 2025-10-13

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2025-10-13

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

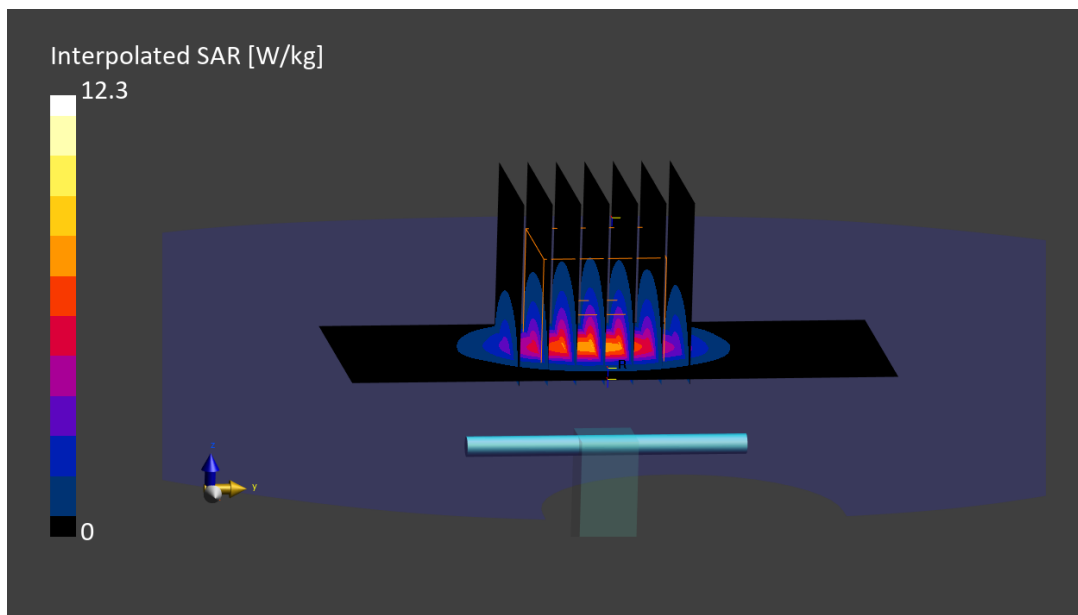
Area Scan (40.0 x 96.0): Measurement grid: dx=10.0 mm, dy=12.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 6.12 W/kg; SAR(10 g) = 2.78 W/kg

Deviation (1 g) = 8.32%; Deviation (10 g) = 9.45%



FCC ID: C3K2114	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3500.000 MHz; cond = 2.92 S/m; perm = 38.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2026; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7659; ConvF:(7.38,7.19,7.23); Calibrated: 2026-04-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2026-04-14

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

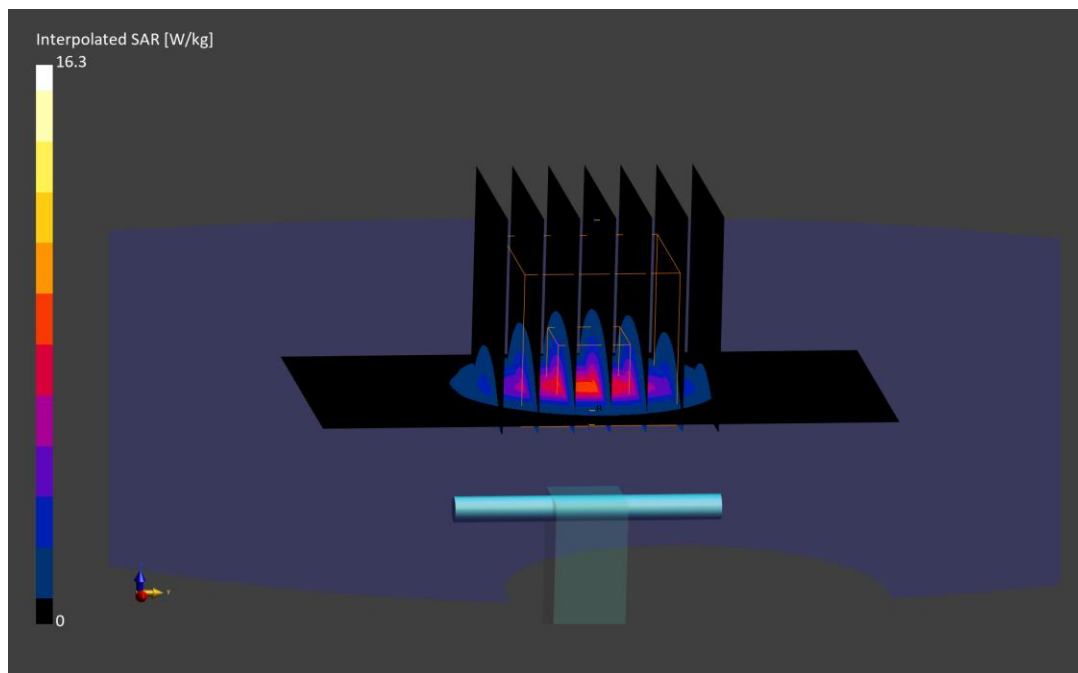
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 6.40 W/kg; SAR(10 g) = 2.47 W/kg

Deviation (1 g) = 0.00%; Deviation (10 g) = 1.65%



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DUT Type: Wireless Module	This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo. 	APPENDIX I Page 95 of 109

ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3500.000 MHz; cond = 2.85 S/m; perm = 37.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/21/2026; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7659; ConvF:(7.38,7.19,7.23); Calibrated: 2026-04-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2026-04-14

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

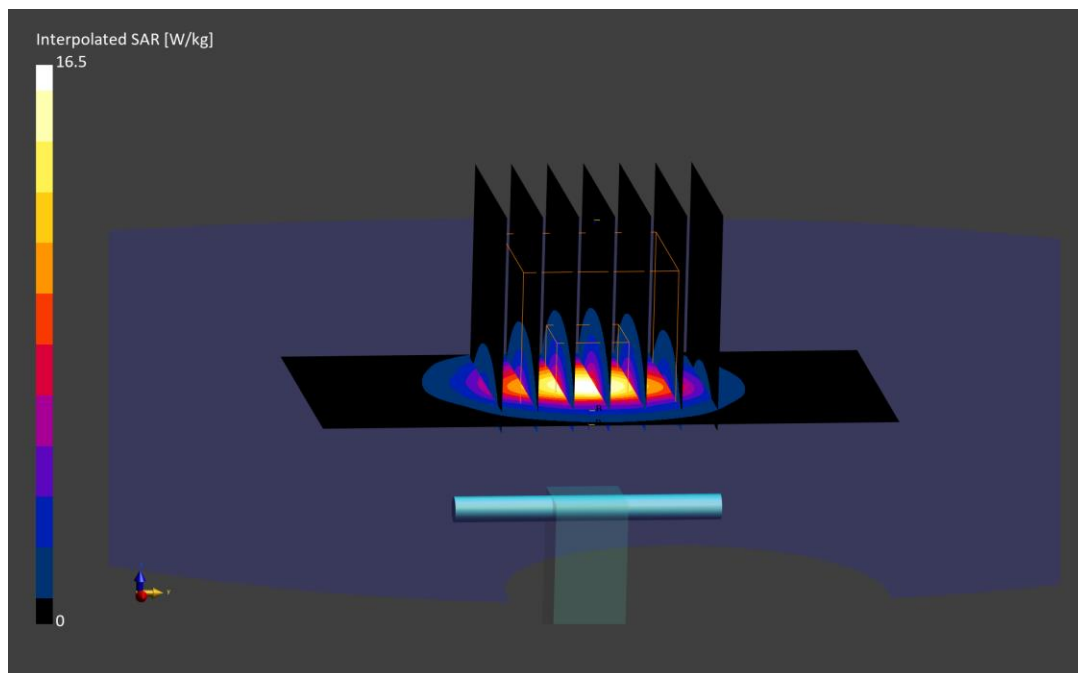
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 6.51 W/kg; SAR(10 g) = 2.54 W/kg

Deviation (1 g) = 1.72%; Deviation (10 g) = 4.53%



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ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3500.000 MHz; cond = 2.77 S/m; perm = 39.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/26/2026; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7659; ConvF:(7.38,7.19,7.23); Calibrated: 2026-04-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2026-04-14

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

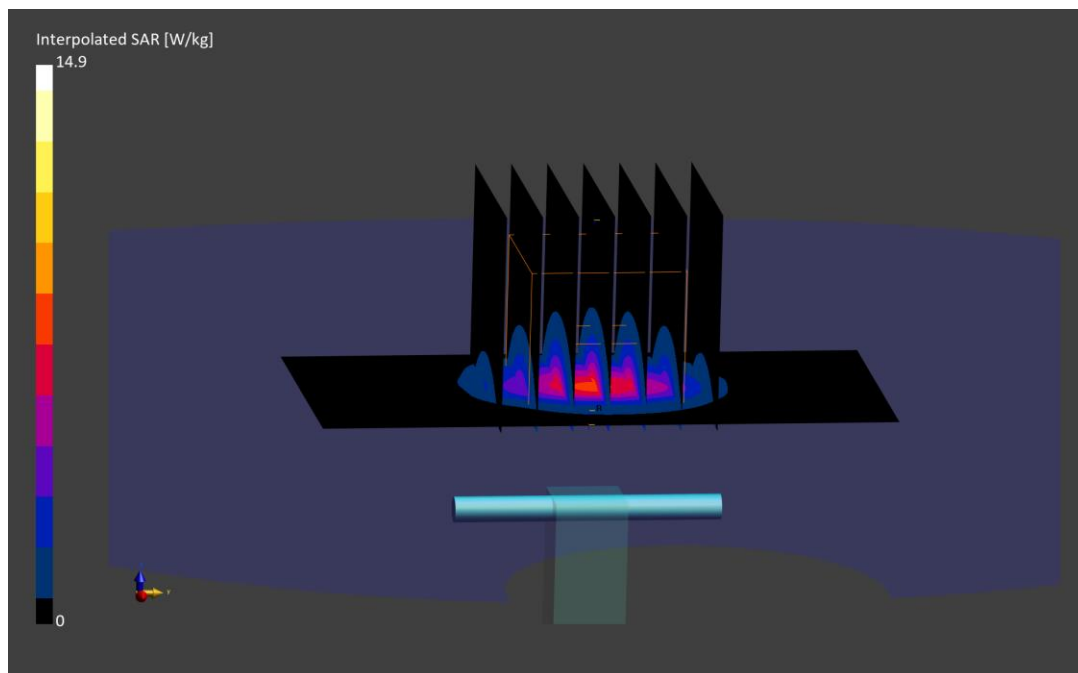
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 2.27 W/kg

Deviation (1 g) = -8.44%; Deviation (10 g) = -6.58%



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ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3700.000 MHz; cond = 3.14 S/m; perm = 37.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/18/2026; Ambient Temp: 21.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7659; ConvF:(7.25,7.07,7.11); Calibrated: 2026-04-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2026-04-14

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

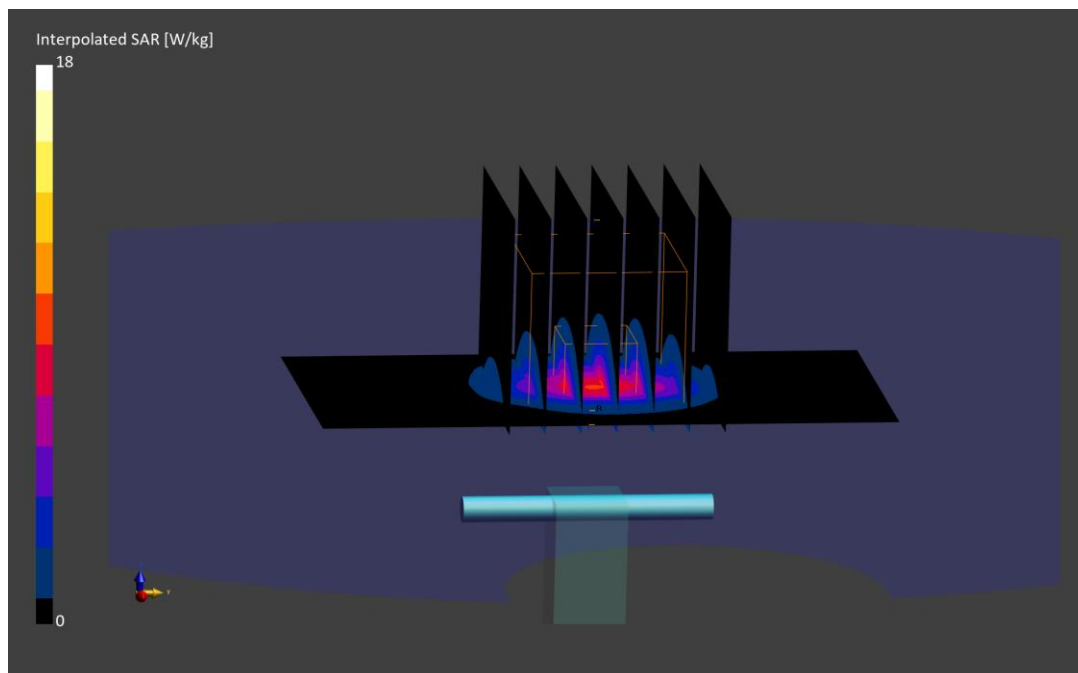
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 6.77 W/kg; SAR(10 g) = 2.52 W/kg

Deviation (1 g) = -1.02%; Deviation (10 g) = 0.00%



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ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3700.000 MHz; cond = 3.06 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 05/21/2026; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7659; ConvF:(7.25,7.07,7.11); Calibrated: 2026-04-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2026-04-14

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

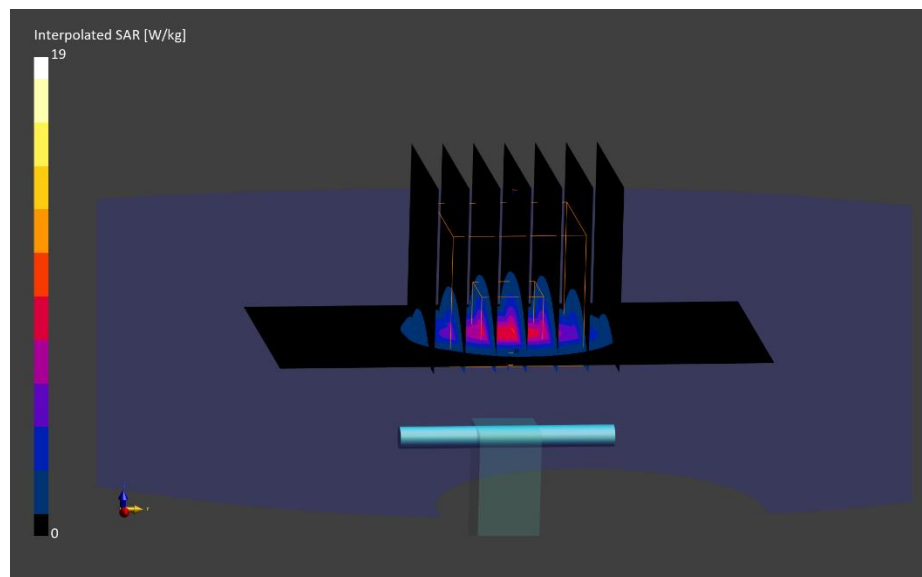
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 7.01 W/kg; SAR(10 g) = 2.61 W/kg

Deviation (1 g) = 2.49%; Deviation (10 g) = 3.57%



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ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

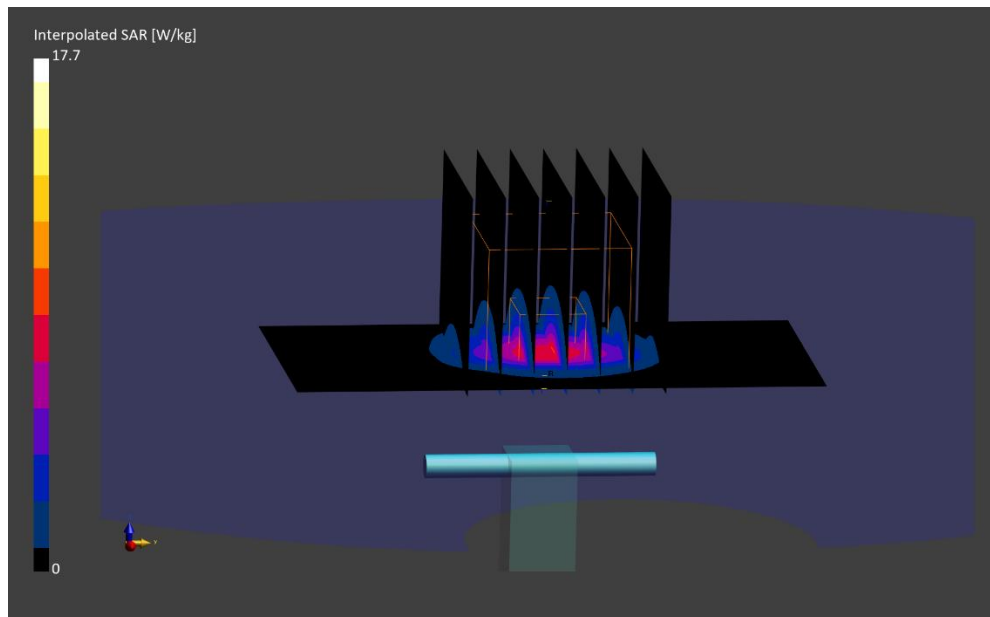
Communication System: UID: 0, CW; Frequency: 3700.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 2.98$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/26/2026; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7659; ConvF:(7.25,7.07,7.11); Calibrated: 2026-04-15
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1272; Calibrated: 2026-04-14
 Phantom: Twin-SAM V8.0; Serial: 2056
 Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm
Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 6.66 W/kg; SAR(10 g) = 2.47 W/kg
 Deviation (1 g) = -2.63%; Deviation (10 g) = -1.98%



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ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1073

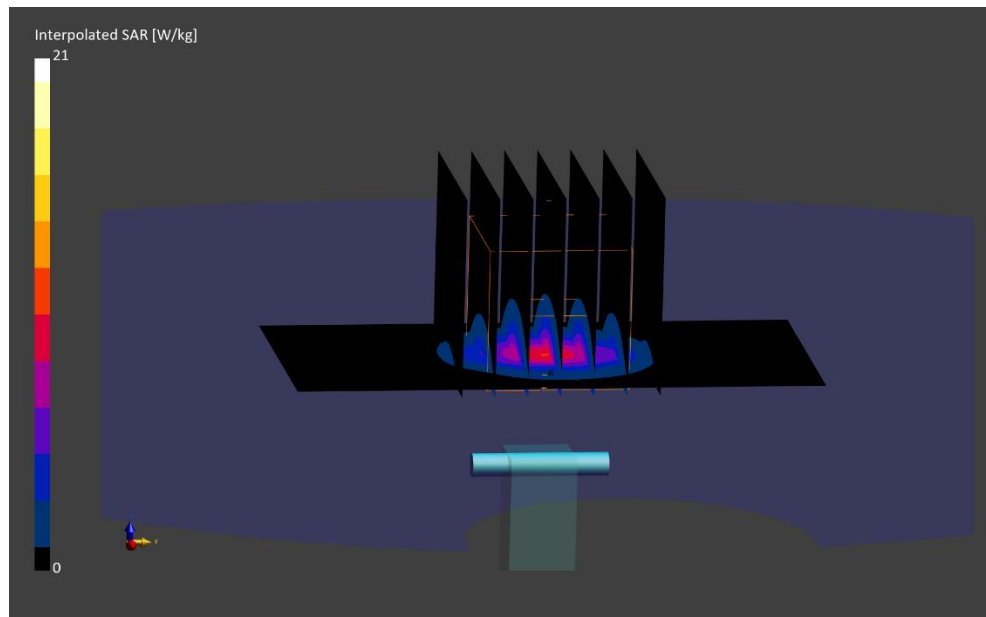
Communication System: UID: 0, CW; Frequency: 3900.000 MHz
 Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3900.000$ MHz; $\text{cond} = 3.28$ S/m; $\text{perm} = 37.1$; $\text{density} = 1000$ kg/m³
 Phantom Section: Flat; Space: 10 mm

Test Date: 05/21/2026; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7659; ConvF:(7.14,6.96,7.01); Calibrated: 2026-04-15
 Sensor-Surface: 1.4mm (VMS + 6p)
 Electronics: DAE4 Sn1272; Calibrated: 2026-04-14
 Phantom: Twin-SAM V8.0; Serial: 2056
 Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm
Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5
 Peak SAR (extrapolated) = 21.0 W/kg
SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.62 W/kg
 Deviation (1 g) = 6.33%; Deviation (10 g) = 7.82%



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