

Project No.	SHT2209094501EW		
Test sample No.	YPHT22090945001	Model No.	M7LW
Start test date	2022/9/21	Finish date	2022/9/27
Temperature	22.5℃	Humidity	41%
Test Engineer	Bo Wang	Auditor	Weyang.Xiang

Appendix clause	Test Item	Result
A	Conducted Power Measurement Results	PASS
B	SAR Measurement Results	PASS
C	Simultaneous Transmission analysis	PASS

Appendix A:Conducted Power Measurement Results-GSM

GSM850		Burst Average Power (dBm)			Tune-up limit (dBm)	Division Factors	Frame-Average Power (dBm)			Tune-up limit (dBm)
		CH128	CH190	CH251			CH128	CH190	CH251	
		824.2MHz	836.6MHz	848.8MHz			824.2MHz	836.6MHz	848.8MHz	
GPRS (GMSK)	1Tx slot	30.50	30.69	30.81	31.00	-9.03	21.47	21.66	21.78	21.97
	2Tx slots	30.61	30.87	31.03	31.50	-6.02	24.59	24.85	25.01	25.48
	3Tx slots	30.57	30.85	31.01	31.50	-4.26	26.31	26.59	26.75	27.24
	4Tx slots	30.53	30.80	30.99	31.00	-3.01	27.52	27.79	27.98	27.99
EGPRS (8PSK)	1Tx slot	26.38	26.48	26.47	26.50	-9.03	17.35	17.45	17.44	17.47
	2Tx slots	26.41	26.29	26.45	26.50	-6.02	20.39	20.27	20.43	20.48
	3Tx slots	26.39	26.27	26.24	26.50	-4.26	22.13	22.01	21.98	22.24
	4Tx slots	26.33	26.30	26.38	26.50	-3.01	23.32	23.29	23.37	23.49

GSM1900		Burst Average Power (dBm)			Tune-up limit (dBm)	Division Factors	Frame-Average Power (dBm)			Tune-up limit (dBm)
		CH512	CH661	CH810			CH512	CH661	CH810	
		1850.2MHz	1880MHz	1909.8MHz			1850.2MHz	1880.0MHz	1909.8MHz	
GPRS (GMSK)	1Tx slot	28.56	28.16	28.00	29.00	-9.03	19.53	19.13	18.97	19.97
	2Tx slots	28.64	28.23	28.04	29.00	-6.02	22.62	22.21	22.02	22.98
	3Tx slots	28.60	28.19	28.01	29.00	-4.26	24.34	23.93	23.75	24.74
	4Tx slots	28.57	28.16	27.96	29.00	-3.01	25.56	25.15	24.95	25.99
EGPRS (8PSK)	1Tx slot	25.45	24.97	24.86	25.50	-9.03	16.42	15.94	15.83	16.47
	2Tx slots	25.51	24.78	24.87	26.00	-6.02	19.49	18.76	18.85	19.98
	3Tx slots	25.40	24.65	24.74	25.50	-4.26	21.14	20.39	20.48	21.24
	4Tx slots	25.42	24.79	24.89	25.50	-3.01	22.41	21.78	21.88	22.49

Appendix A:Conducted Power Measurement Results-WCDMA

WCDMA Band II		Conducted Power (dBm)			Tune-up limit (dBm)
		CH9262	CH9400	CH9538	
		1852.4MHz	1880MHz	1907.6MHz	
AMR 12.2K		22.81	22.79	23.00	23.50
RMC 12.2K		22.84	22.82	23.03	23.50
HSDPA	Subtest-1	21.75	21.56	21.48	22.00
	Subtest-2	21.99	21.62	21.55	22.00
	Subtest-3	21.48	21.07	21.01	21.50
	Subtest-4	21.47	21.06	20.91	21.50
HSUPA	Subtest-1	22.18	22.19	21.95	22.50
	Subtest-2	21.03	21.09	20.76	21.50
	Subtest-3	21.32	21.28	20.85	21.50
	Subtest-4	21.23	21.38	21.14	21.50
	Subtest-5	22.19	21.94	22.22	22.50

WCDMA Band IV		Conducted Power (dBm)			Tune-up limit (dBm)
		CH1312	CH1413	CH1513	
		1712.4MHz	1732.6MHz	1752.6MHz	
AMR 12.2K		22.75	22.81	22.45	23.00
RMC 12.2K		22.78	22.84	22.48	23.00
HSDPA	Subtest-1	21.53	21.82	21.30	22.00
	Subtest-2	21.64	21.78	21.35	22.00
	Subtest-3	21.15	21.29	20.89	21.50
	Subtest-4	21.12	21.27	20.89	21.50
HSUPA	Subtest-1	21.91	21.40	21.43	22.00
	Subtest-2	20.83	20.73	20.33	21.00
	Subtest-3	20.80	20.63	20.33	21.00
	Subtest-4	21.67	20.55	21.22	22.00
	Subtest-5	21.94	22.06	21.74	22.50

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		22.31	23.66	23.74	24.00
RMC 12.2K		22.34	23.70	23.78	24.00
HSDPA	Subtest-1	22.29	22.78	22.52	23.00
	Subtest-2	22.40	22.79	22.54	23.00
	Subtest-3	21.99	22.32	22.09	22.50
	Subtest-4	21.98	22.31	22.09	22.50
HSUPA	Subtest-1	22.82	22.29	21.96	23.00
	Subtest-2	21.64	21.80	21.58	22.00
	Subtest-3	21.39	21.53	21.32	22.00
	Subtest-4	21.92	22.08	21.76	22.50
	Subtest-5	22.69	22.72	22.54	23.00

LTE-FDD Band 2				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	21.08	21.80	21.27	23.00
			2	22.33	21.26	22.99	
			5	22.98	21.05	22.09	
		3	0	22.59	22.77	21.12	23.00
			1	22.93	21.61	22.00	
			3	21.12	22.14	22.35	
		6	0	21.58	22.06	21.65	22.50
	16QAM	1	0	21.92	21.23	21.04	23.00
			2	21.51	21.08	22.77	
			5	22.05	21.01	21.13	
		3	0	22.28	21.05	21.79	23.00
			1	21.04	22.23	22.59	
			3	21.22	21.35	22.36	
		6	0	22.72	21.17	22.97	23.00
3	QPSK	1	0	21.28	22.20	21.45	23.00
			8	21.57	22.94	22.99	
			14	21.41	21.80	22.55	
		8	0	21.23	21.59	22.07	22.50
			4	21.26	21.69	21.70	
			7	22.26	22.03	21.43	
		15	0	21.87	22.54	22.32	23.00
	16QAM	1	0	22.60	22.28	22.11	23.00
			8	21.09	22.10	21.56	
			14	21.77	21.68	21.86	
		8	0	22.36	22.70	21.19	23.00
			4	21.69	21.78	21.29	
			7	22.02	21.43	21.85	
		15	0	21.03	21.62	21.85	22.00
		1	0	21.71	21.66	22.33	22.50
			12	22.21	21.05	22.46	
			24	22.43	21.02	22.35	
5	QPSK	12	0	22.57	21.61	22.54	23.00
			6	21.76	22.84	22.22	
			13	21.58	22.53	22.92	
		25	0	21.51	21.19	22.51	23.00
			0	22.86	21.90	21.51	
			12	21.09	21.18	21.11	
	16QAM	1	24	21.74	21.79	22.07	23.00
			0	21.64	21.51	22.00	
			6	22.52	21.79	21.64	
		12	13	22.97	22.43	21.09	23.00
			0	22.41	21.83	21.99	
			0	22.33	22.50	21.30	23.00
		25	24	21.46	21.51	21.57	
			49	21.72	21.10	21.72	
10	QPSK	1	0	22.29	21.82	22.57	23.00
			12	22.39	21.29	21.18	
			25	21.52	21.93	21.50	
		25	0	22.32	21.26	22.07	22.50
			0	21.92	21.19	22.34	
			24	22.71	22.35	21.22	
	16QAM	1	49	21.42	22.76	21.22	23.00
			0	22.77	22.48	21.90	
			12	22.31	21.86	22.79	
		25	25	21.32	21.93	21.25	23.00
			0	21.01	21.48	22.58	
			0	21.01	21.48	22.58	

15	QPSK	1	0	22.45	21.46	22.98	23.00
			38	21.43	21.08	21.16	
			74	22.50	22.76	21.87	
		38	0	22.24	22.14	22.01	23.00
			18	22.75	22.44	21.51	
			37	21.68	22.54	22.67	
		75	0	22.24	21.53	21.38	22.50
	16QAM	1	0	22.16	22.49	22.52	23.00
			38	22.44	22.64	21.99	
			74	21.06	22.63	21.39	
		38	0	21.50	22.44	22.66	23.00
			18	22.78	22.28	22.27	
			37	21.29	21.34	22.30	
		75	0	21.44	21.21	21.50	22.00
20	QPSK	1	0	21.49	21.09	22.53	23.00
			49	21.26	22.39	22.29	
			99	22.88	22.73	22.92	
		50	0	21.20	21.58	21.30	23.00
			25	21.72	21.50	22.50	
			50	21.51	21.16	21.58	
		100	0	21.25	21.71	22.21	22.50
	16QAM	1	0	22.06	21.81	22.44	23.00
			49	22.42	21.61	22.80	
			99	21.22	21.84	22.78	
		50	0	22.73	21.61	21.97	23.00
			25	22.58	21.54	21.16	
			50	22.29	21.91	22.75	
		100	0	22.73	22.41	21.32	23.00

LTE-FDD Band 4				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	21.14	22.51	22.22	23.00
			2	21.58	21.70	21.60	
			5	21.29	22.54	21.07	
		3	0	22.56	22.50	21.14	23.00
			1	22.49	21.30	21.96	
			3	22.07	21.40	21.85	
		6	0	21.53	22.55	22.74	23.00
	16QAM	1	0	21.29	22.58	22.21	23.00
			2	21.47	22.85	22.94	
			5	21.83	22.10	22.04	
		3	0	21.50	21.59	22.61	23.00
			1	21.52	22.92	22.70	
			3	22.04	21.96	21.98	
		6	0	22.97	22.94	21.52	23.00
3	QPSK	1	0	22.82	22.68	21.06	23.00
			8	22.49	22.47	21.04	
			14	22.14	22.31	21.53	
		8	0	22.09	22.22	21.92	23.00
			4	21.17	21.89	22.74	
			7	22.16	21.36	21.95	
		15	0	22.68	22.23	22.44	23.00
	16QAM	1	0	21.31	21.98	21.23	23.00
			8	21.14	21.18	21.81	
			14	22.62	21.59	22.59	
		8	0	21.74	22.73	21.29	23.00
			4	21.96	22.10	21.29	
			7	21.52	22.77	22.54	
		15	0	22.95	21.07	21.61	23.00
5	QPSK	1	0	22.66	21.20	21.03	23.00
			12	22.07	22.82	22.17	
			24	22.18	22.54	22.12	
		12	0	22.55	21.92	21.28	23.50
			6	23.00	22.84	22.80	
			13	22.56	21.35	21.07	
		25	0	21.83	21.48	21.12	22.00
	16QAM	1	0	22.64	21.37	22.52	23.00
			12	22.82	22.89	21.15	
			24	21.42	22.78	21.91	
		12	0	21.71	21.15	21.15	23.00
			6	22.69	21.09	22.06	
			13	21.29	21.96	22.11	
		25	0	22.78	21.70	22.13	23.00
10	QPSK	1	0	22.41	22.78	21.53	23.00
			24	22.74	21.42	22.06	
			49	22.45	21.72	22.32	
		25	0	21.16	22.59	21.24	23.00
			12	22.62	22.23	21.51	
			25	21.80	21.26	21.93	
		50	0	21.54	22.66	21.54	23.00
	16QAM	1	0	21.15	21.66	21.28	23.00
			24	21.20	21.70	21.47	
			49	22.63	22.41	22.14	
		25	0	22.56	22.61	22.67	23.00
			12	21.53	21.65	21.05	
			25	22.89	21.94	21.09	
		50	0	22.46	22.24	22.23	22.50

15	QPSK	1	0	22.52	22.17	22.17	23.00
			38	22.51	21.89	22.20	
			74	21.19	21.82	21.20	
		38	0	22.00	21.72	22.24	22.50
			18	21.67	21.88	21.32	
			37	22.41	22.13	22.14	
		75	0	21.05	21.60	22.52	23.00
	16QAM	1	0	21.00	21.22	22.87	23.00
			38	21.60	22.24	21.58	
			74	21.75	22.69	22.77	
		38	0	22.67	22.31	21.87	23.00
			18	22.33	22.18	22.15	
			37	21.33	22.39	21.41	
		75	0	21.73	21.11	22.18	22.50
20	QPSK	1	0	21.66	22.04	21.23	23.00
			49	21.08	22.46	21.92	
			99	22.97	22.69	22.06	
		50	0	22.53	21.34	21.51	23.00
			25	22.15	22.31	22.57	
			50	21.07	22.55	22.21	
		100	0	22.80	21.92	21.88	23.00
	16QAM	1	0	21.11	22.57	22.02	23.00
			49	21.48	22.96	21.27	
			99	21.28	21.71	21.89	
		50	0	21.21	21.61	22.77	23.00
			25	21.15	22.24	22.29	
			50	21.93	22.26	22.09	
		100	0	22.06	22.13	21.46	22.50

LTE-FDD Band 5				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	21.04	21.14	21.44	23.00
			2	21.20	21.16	22.49	
			5	22.25	22.52	22.43	
		3	0	21.78	22.19	21.63	23.00
			1	21.80	21.28	22.89	
			3	22.97	22.82	22.13	
		6	0	21.33	21.48	21.44	21.50
	16QAM	1	0	22.18	21.90	22.16	22.50
			2	22.47	21.03	22.48	
			5	21.48	21.59	22.38	
		3	0	21.28	22.13	22.45	23.00
			1	22.33	22.73	22.81	
			3	22.23	21.85	22.42	
		6	0	22.05	21.44	21.53	22.50
3	QPSK	1	0	21.17	21.50	21.04	23.00
			8	21.72	21.36	21.64	
			14	21.17	21.34	22.94	
		8	0	22.35	22.65	22.76	23.00
			4	21.84	21.97	21.94	
			7	22.78	21.93	22.99	
		15	0	22.15	22.38	21.97	22.50
	16QAM	1	0	21.25	22.27	22.22	23.00
			8	21.53	21.71	22.85	
			14	21.33	21.68	22.10	
		8	0	21.64	22.48	21.59	23.00
			4	21.94	22.38	22.37	
			7	22.99	21.96	22.46	
		15	0	22.03	21.87	22.55	23.00
5	QPSK	1	0	21.51	21.47	21.49	23.00
			12	22.79	22.14	22.72	
			24	22.38	22.23	22.43	
		12	0	22.19	22.54	21.18	23.00
			6	22.92	22.45	22.84	
			13	22.12	22.83	21.23	
		25	0	21.78	21.56	22.16	22.50
	16QAM	1	0	21.47	21.14	21.74	23.00
			12	21.95	21.44	21.21	
			24	22.64	22.83	21.60	
		12	0	21.64	21.17	21.04	23.00
			6	22.01	22.51	22.14	
			13	22.60	21.29	22.04	
		25	0	21.77	22.70	22.01	23.00
10	QPSK	1	0	22.15	21.54	21.50	23.00
			24	22.65	22.21	21.44	
			49	21.20	21.89	22.34	
		25	0	22.70	21.44	22.56	23.00
			12	22.15	22.58	22.64	
			25	21.59	21.34	22.06	
		50	0	22.90	21.66	21.25	23.00
	16QAM	1	0	21.27	22.86	22.44	23.00
			24	21.49	21.69	21.55	
			49	21.55	21.51	22.60	
		25	0	21.85	22.58	21.49	23.00
			12	21.55	22.13	22.25	
			25	22.22	22.73	22.56	
		50	0	21.69	21.82	22.01	22.50

LTE-FDD Band 7				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	21.92	21.27	21.52	22.50
			12	21.76	21.93	21.57	
			24	21.19	22.02	21.70	
		12	0	22.01	21.94	22.86	23.00
			6	21.38	21.10	21.51	
			13	22.33	21.86	21.58	
		25	0	22.22	22.42	21.68	22.50
	16QAM	1	0	21.28	22.27	22.59	23.00
			12	21.03	21.20	21.36	
			24	21.08	22.99	22.03	
		12	0	22.35	21.34	21.85	23.00
			6	21.49	22.35	22.61	
			13	21.26	22.52	22.45	
		25	0	21.79	22.69	22.48	23.00
10	QPSK	1	0	21.81	21.44	22.82	23.00
			24	22.86	22.75	21.96	
			49	21.35	22.53	21.71	
		25	0	22.96	22.11	22.65	23.00
			12	21.89	22.90	22.82	
			25	22.22	21.28	21.72	
		50	0	21.60	21.72	21.13	22.00
	16QAM	1	0	21.47	22.24	22.77	23.00
			24	21.35	22.50	22.06	
			49	21.90	22.18	21.76	
		25	0	22.53	21.91	22.49	23.00
			12	22.71	22.41	21.87	
			25	21.72	22.14	21.17	
		50	0	21.72	22.68	22.06	23.00
15	QPSK	1	0	21.16	22.48	21.91	23.00
			38	22.46	22.73	21.27	
			74	21.85	21.16	21.46	
		38	0	21.75	21.64	22.16	22.50
			18	21.95	22.31	21.34	
			37	22.16	21.81	21.94	
		75	0	22.85	21.32	21.82	23.00
	16QAM	1	0	21.00	21.51	22.50	23.00
			38	22.58	22.84	21.31	
			74	22.48	21.80	22.01	
		38	0	21.87	21.32	21.37	23.00
			18	21.50	21.16	21.92	
			37	22.76	22.61	21.44	
		75	0	22.27	22.45	21.57	22.50
20	QPSK	1	0	21.52	21.87	21.44	23.00
			49	22.45	22.26	21.76	
			99	22.00	21.94	22.66	
		50	0	22.19	21.97	22.44	23.00
			25	22.61	22.21	22.66	
			50	22.05	21.91	22.38	
		100	0	22.75	22.82	21.85	23.00
	16QAM	1	0	21.27	21.65	22.54	23.00
			49	22.29	21.82	22.12	
			99	21.81	21.17	21.15	
		50	0	21.79	21.47	22.97	23.00
			25	21.78	21.62	21.16	
			50	21.50	21.29	21.59	
		100	0	21.28	22.07	22.04	22.50

LTE-FDD Band 8				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.14	22.82	22.12	23.00
			2	22.83	22.33	21.04	
			5	22.70	21.70	22.63	
		3	0	22.69	21.92	21.15	23.00
			1	22.45	21.22	22.21	
			3	22.19	22.82	21.30	
		6	0	21.48	22.19	21.92	22.50
	16QAM	1	0	21.98	21.95	22.94	23.00
			2	21.20	22.68	21.55	
			5	21.15	22.26	21.38	
		3	0	22.06	22.92	21.34	23.00
			1	21.72	21.33	21.11	
			3	21.33	22.87	22.86	
		6	0	21.16	21.77	21.58	22.00
3	QPSK	1	0	21.64	21.82	21.95	22.00
			8	21.55	21.05	21.86	
			14	21.59	21.61	21.90	
		8	0	20.97	22.97	21.27	23.00
			4	20.81	22.04	21.11	
			7	20.75	21.39	21.05	
		15	0	20.89	21.14	21.19	21.50
	16QAM	1	0	21.08	21.24	21.39	22.00
			8	21.00	21.57	21.30	
			14	21.04	21.45	21.34	
		8	0	20.43	21.24	20.72	23.00
			4	20.28	22.67	20.57	
			7	20.22	22.53	20.51	
		15	0	20.36	21.57	20.65	22.00
5	QPSK	1	0	21.66	21.84	22.58	23.00
			12	21.57	21.75	22.49	
			24	21.62	21.79	22.53	
		12	0	20.99	21.16	21.88	22.00
			6	20.84	21.01	21.72	
			13	20.77	20.94	21.65	
		25	0	20.91	21.09	21.80	22.00
	16QAM	1	0	21.11	21.28	22.00	22.00
			12	21.02	21.20	21.91	
			24	21.06	21.24	21.95	
		12	0	20.45	20.62	21.32	21.50
			6	20.30	20.47	21.16	
			13	20.24	20.41	21.10	
		25	0	20.38	20.55	21.24	21.50
10	QPSK	1	0	21.74	21.92	22.66	23.00
			24	21.65	21.83	22.57	
			49	21.69	21.87	22.61	
		25	0	21.07	21.24	21.96	22.00
			12	20.91	21.08	21.80	
			25	20.85	21.02	21.73	
		50	0	20.99	21.16	21.88	22.00
	16QAM	1	0	21.18	21.36	22.08	22.50
			24	21.10	21.27	21.99	
			49	21.14	21.31	22.03	
		25	0	20.53	20.70	21.39	21.50
			12	20.38	20.54	21.24	
			25	20.31	20.48	21.17	
		50	0	20.45	20.62	21.32	21.50

LTE-FDD Band 12				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.51	22.31	22.76	23.00
			2	21.10	22.31	22.52	
			5	22.56	21.22	21.33	
		3	0	21.97	22.49	21.47	23.00
			1	21.29	21.67	22.30	
			3	22.20	22.81	21.36	
		6	0	22.30	22.36	21.95	22.50
	16QAM	1	0	22.01	21.26	21.59	23.00
			2	22.89	21.27	21.15	
			5	22.54	22.18	22.34	
		3	0	22.90	22.28	21.94	23.00
			1	22.32	22.04	22.16	
			3	21.56	21.55	22.77	
		6	0	22.07	22.74	22.51	23.00
3	QPSK	1	0	22.94	22.60	21.84	23.00
			8	22.23	22.27	21.45	
			14	21.92	22.51	21.77	
		8	0	21.64	22.85	21.19	23.00
			4	22.38	21.36	22.78	
			7	22.51	22.01	21.82	
		15	0	21.17	21.24	22.28	22.50
	16QAM	1	0	21.94	22.52	22.14	23.00
			8	22.33	22.80	21.27	
			14	21.44	21.58	22.42	
		8	0	22.55	22.16	22.46	23.00
			4	22.76	21.70	21.71	
			7	22.92	21.29	21.80	
		15	0	22.45	22.66	22.02	23.00
5	QPSK	1	0	22.10	22.77	21.16	23.00
			12	21.04	21.47	21.02	
			24	21.79	21.82	21.01	
		12	0	22.06	21.58	21.38	23.00
			6	21.50	22.88	22.03	
			13	21.20	22.98	21.69	
		25	0	22.47	22.04	22.34	22.50
	16QAM	1	0	22.27	21.23	22.67	23.00
			12	22.39	21.82	22.82	
			24	22.74	21.12	22.13	
		12	0	21.74	21.81	22.26	22.50
			6	22.44	21.99	21.29	
			13	22.27	22.14	21.75	
		25	0	21.69	22.16	22.86	23.00
10	QPSK	1	0	21.08	21.70	22.95	23.50
			24	21.69	22.02	23.00	
			49	21.75	22.52	22.72	
		25	0	22.74	21.91	22.37	23.00
			12	21.95	21.20	21.84	
			25	21.47	21.48	22.31	
		50	0	21.92	21.08	22.98	23.00
	16QAM	1	0	22.05	21.95	22.62	23.00
			24	21.48	22.62	22.30	
			49	21.64	22.14	22.44	
		25	0	22.76	21.83	22.22	23.00
			12	22.19	21.17	22.02	
			25	21.17	21.75	22.51	
		50	0	21.53	21.01	21.86	22.00

LTE-FDD Band 13				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.13	21.03	21.34	23.00
			12	22.71	22.68	22.86	
			24	22.07	21.59	22.79	
		12	0	21.99	22.97	21.19	23.00
			6	21.81	21.48	21.47	
			13	21.24	22.49	21.20	
		25	0	22.68	22.07	21.23	23.00
	16QAM	1	0	21.72	22.06	21.05	23.00
			12	21.78	21.63	22.61	
			24	21.95	22.78	22.95	
		12	0	22.47	22.76	21.42	23.00
			6	22.35	22.62	21.21	
			13	22.91	21.69	22.05	
		25	0	22.60	21.25	21.86	23.00
10	QPSK	1	0	-	22.72	-	23.00
			24	-	22.36	-	
			49	-	21.22	-	
		25	0	-	21.96	-	22.00
			12	-	21.41	-	
			25	-	21.06	-	
		50	0	-	21.48	-	21.50
	16QAM	1	0	-	21.14	-	23.00
			24	-	22.70	-	
			49	-	22.41	-	
		25	0	-	22.63	-	23.00
			12	-	22.74	-	
			25	-	22.60	-	
		50	0	-	22.72	-	23.00

LTE-FDD Band 14				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.02	22.75	21.88	23.00
			12	22.36	22.84	21.05	
			24	21.74	22.82	22.12	
		12	0	22.34	21.15	21.86	23.00
			6	21.57	22.33	21.45	
			13	22.95	21.01	22.30	
		25	0	22.27	21.54	21.71	22.50
	16QAM	1	0	22.93	21.96	21.59	23.00
			12	22.73	21.40	22.96	
			24	22.60	21.54	22.79	
		12	0	21.92	22.42	22.01	23.00
			6	22.50	21.07	21.59	
			13	21.91	22.95	21.73	
		25	0	22.53	21.49	22.50	23.00
10	QPSK	1	0	-	21.65	-	23.00
			24	-	22.46	-	
			49	-	22.86	-	
		25	0	-	22.11	-	22.50
			12	-	21.86	-	
			25	-	22.41	-	
		50	0	-	22.66	-	23.00
	16QAM	1	0	-	22.59	-	23.00
			24	-	21.94	-	
			49	-	22.11	-	
		25	0	-	22.27	-	23.00
			12	-	22.88	-	
			25	-	22.68	-	
		50	0	-	22.21	-	22.50

LTE-FDD Band 26				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.40	22.40	21.66	23.00
			2	21.12	21.13	22.39	
			5	22.04	22.80	22.90	
		3	0	21.09	21.56	21.20	23.00
			1	21.78	22.74	22.20	
			3	21.76	21.70	21.90	
		6	0	22.98	21.42	21.27	23.00
	16QAM	1	0	21.45	22.11	22.62	23.00
			2	21.64	22.49	22.50	
			5	22.09	22.69	22.39	
		3	0	21.45	21.21	22.05	23.00
			1	22.33	22.00	22.95	
			3	21.65	21.16	22.03	
		6	0	21.90	21.82	22.36	22.50
3	QPSK	1	0	22.06	22.88	21.07	23.00
			8	21.18	22.14	22.60	
			14	22.11	21.84	22.66	
		8	0	21.84	22.18	21.85	23.00
			4	22.24	21.38	21.31	
			7	22.41	22.85	21.76	
		15	0	22.53	22.40	21.14	23.00
	16QAM	1	0	22.66	21.89	21.33	23.00
			8	22.68	22.18	22.27	
			14	22.24	22.67	22.24	
		8	0	22.16	21.64	21.11	23.00
			4	21.61	21.79	21.15	
			7	22.38	21.95	22.84	
		15	0	21.66	22.27	21.45	22.50
5	QPSK	1	0	22.70	22.26	21.47	23.00
			12	21.59	22.16	22.18	
			24	21.32	21.14	22.34	
		12	0	21.28	22.01	21.85	22.50
			6	21.19	21.76	21.80	
			13	21.79	21.88	21.58	
		25	0	21.74	21.59	21.64	22.00
	16QAM	1	0	22.59	21.32	22.62	23.00
			12	22.02	21.28	21.64	
			24	22.77	21.05	22.20	
		12	0	21.65	21.17	22.20	23.00
			6	21.98	22.67	21.16	
			13	22.74	22.41	22.20	
		25	0	22.33	21.23	22.82	23.00
10	QPSK	1	0	21.46	22.71	21.50	23.00
			24	22.39	22.18	22.48	
			49	22.78	21.18	21.76	
		25	0	21.71	21.88	21.29	23.00
			12	22.63	21.33	21.64	
			25	22.82	22.97	21.78	
		50	0	22.51	21.90	22.58	23.00
	16QAM	1	0	22.29	21.01	21.88	23.00
			24	22.60	21.97	21.94	
			49	21.80	21.87	21.08	
		25	0	21.14	22.64	22.58	23.00
			12	22.17	21.59	22.35	
			25	22.08	22.45	21.03	
		50	0	22.55	22.67	22.74	23.00
15	QPSK	1	0	21.09	22.16	22.69	23.00
			38	22.27	21.84	21.73	
			74	21.65	21.44	22.07	
		38	0	21.98	21.99	22.10	22.50
			18	21.16	21.81	22.07	
			37	22.40	21.25	22.17	
		75	0	21.80	22.71	22.17	23.00
	16QAM	1	0	22.88	22.15	21.03	23.00
			38	22.40	22.18	21.35	
			74	22.86	21.97	22.33	
		38	0	21.64	21.83	22.08	23.00
			18	22.88	22.91	22.35	
			37	22.46	21.32	21.78	
		75	0	22.84	22.20	21.39	23.00

Appendix A:Conducted Power Measurement Results-WIFI/Bluetooth

Bluetooth					
Mode		Channel	Frequency (MHz)	Average Power (dBm)	Tune-up limit (dBm)
BLE	GFSK	0	2402	-4.38	-4.00
		19	2440	-3.50	-3.50
		39	2480	-3.32	-3.00

Appendix B:SAR Measurement Results

GSM850										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 4Tx slots	Rear	128	824.2	30.53	31.00	1.114	0.13	0.693	0.772	-
		190	836.6	30.80	31.00	1.047	-0.06	0.722	0.756	-
		251	848.8	30.99	31.00	1.002	0.14	0.783	0.785	1
	Left	128	824.2	30.53	31.00	1.114	-	-	-	-
		190	836.6	30.80	31.00	1.047	-	-	-	-
		251	848.8	30.99	31.00	1.002	0.09	0.162	0.162	-
	Right	128	824.2	30.53	31.00	1.114	-	-	-	-
		190	836.6	30.80	31.00	1.047	-	-	-	-
		251	848.8	30.99	31.00	1.002	-0.11	0.114	0.114	-
	Top	128	824.2	30.53	31.00	1.114	-	-	-	-
		190	836.6	30.80	31.00	1.047	-	-	-	-
		251	848.8	30.99	31.00	1.002	-0.02	0.137	0.137	-

GSM1900										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 4Tx slots	Rear	512	1850.2	28.57	29.00	1.104	-0.06	0.699	0.772	2
		661	1880.0	28.16	29.00	1.213	0.11	0.634	0.769	-
		810	1909.8	27.96	29.00	1.271	-0.06	0.601	0.764	-
	Left	512	1850.2	28.57	29.00	1.104	-0.15	0.038	0.042	-
		661	1880.0	28.16	29.00	1.213	-	-	-	-
		810	1909.8	27.96	29.00	1.271	-	-	-	-
	Right	512	1850.2	28.57	29.00	1.104	0.03	0.026	0.029	-
		661	1880.0	28.16	29.00	1.213	-	-	-	-
		810	1909.8	27.96	29.00	1.271	-	-	-	-
	Top	512	1850.2	28.57	29.00	1.104	-0.02	0.206	0.227	-
		661	1880.0	28.16	29.00	1.213	-	-	-	-
		810	1909.8	27.96	29.00	1.271	-	-	-	-

WCDMA Band II										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Rear	9262	1852.4	22.84	23.50	1.164	0.13	0.931	1.084	-
		9400	1880.0	22.82	23.50	1.169	-0.06	0.917	1.072	-
		9538	1907.6	23.03	23.50	1.114	-0.06	0.974	1.085	3
	Left	9262	1852.4	22.84	23.50	1.164	-	-	-	-
		9400	1880.0	22.82	23.50	1.169	-	-	-	-
		9538	1907.6	23.03	23.50	1.114	0.05	0.043	0.048	-
	Right	9262	1852.4	22.84	23.50	1.164	-	-	-	-
		9400	1880.0	22.82	23.50	1.169	-	-	-	-
		9538	1907.6	23.03	23.50	1.114	-0.13	0.039	0.043	-
	Top	9262	1852.4	22.84	23.50	1.164	-	-	-	-
		9400	1880.0	22.82	23.50	1.169	-	-	-	-
		9538	1907.6	23.03	23.50	1.114	0.11	0.311	0.347	-

WCDMA Band IV										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Rear	1312	1712.4	22.78	23.00	1.052	-0.08	0.685	0.721	-
		1413	1732.6	22.84	23.00	1.038	0.16	0.726	0.753	4
		1513	1752.6	22.48	23.00	1.127	0.14	0.623	0.702	-
	Left	1312	1712.4	22.78	23.00	1.052	-	-	-	-
		1413	1732.6	22.84	23.00	1.038	0.19	0.040	0.042	-
		1513	1752.6	22.48	23.00	1.127	-	-	-	-
	Right	1312	1712.4	22.78	23.00	1.052	-	-	-	-
		1413	1732.6	22.84	23.00	1.038	-0.09	0.035	0.036	-
		1513	1752.6	22.48	23.00	1.127	-	-	-	-
	Top	1312	1712.4	22.78	23.00	1.052	-	-	-	-
		1413	1732.6	22.84	23.00	1.038	0.14	0.223	0.231	-
		1513	1752.6	22.48	23.00	1.127	-	-	-	-

WCDMA Band V										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Rear	4132	826.4	22.34	24.00	1.466	-0.06	0.450	0.659	-
		4183	836.6	23.70	24.00	1.072	0.05	0.574	0.615	-
		4233	846.6	23.78	24.00	1.052	0.04	0.628	0.661	5
	Left	4132	826.4	22.34	24.00	1.466	-	-	-	-
		4183	836.6	23.70	24.00	1.072	-	-	-	-
		4233	846.6	23.78	24.00	1.052	0.05	0.244	0.257	-
	Right	4132	826.4	22.34	24.00	1.466	-	-	-	-
		4183	836.6	23.70	24.00	1.072	-	-	-	-
		4233	846.6	23.78	24.00	1.052	-0.13	0.100	0.105	-
	Top	4132	826.4	22.34	24.00	1.466	-	-	-	-
		4183	836.6	23.70	24.00	1.072	-	-	-	-
		4233	846.6	23.78	24.00	1.052	-0.09	0.162	0.170	-

LTE Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Rear	18700	1860.0	22.88	23.00	1.028	0.13	0.944	0.970	-
		18900	1880.0	22.73	23.00	1.064	-0.05	0.908	0.966	-
		19100	1900.0	22.92	23.00	1.019	0.14	0.962	0.980	6
	Left	18700	1860.0	22.88	23.00	1.028	-	-	-	-
		18900	1880.0	22.73	23.00	1.064	-	-	-	-
		19100	1900.0	22.92	23.00	1.019	-0.05	0.053	0.054	-
	Right	18700	1860.0	22.88	23.00	1.028	-	-	-	-
		18900	1880.0	22.73	23.00	1.064	-	-	-	-
		19100	1900.0	22.92	23.00	1.019	0.01	0.055	0.056	-
	Top	18700	1860.0	22.88	23.00	1.028	-	-	-	-
		18900	1880.0	22.73	23.00	1.064	-	-	-	-
		19100	1900.0	22.92	23.00	1.019	-0.03	0.296	0.302	-
20M QPSK 50RB	Rear	18700	1860.0	21.72	22.50	1.197	0.14	0.817	0.978	-
		18900	1880.0	21.50	22.50	1.259	-0.09	0.760	0.957	-
		19100	1900.0	22.50	22.50	1.000	-0.06	0.920	0.920	-
	Left	18700	1860.0	21.72	22.50	1.197	-	-	-	-
		18900	1880.0	21.50	22.50	1.259	-	-	-	-
		19100	1900.0	22.50	22.50	1.000	0.17	0.050	0.050	-
	Right	18700	1860.0	21.72	22.50	1.197	-	-	-	-
		18900	1880.0	21.50	22.50	1.259	-	-	-	-
		19100	1900.0	22.50	22.50	1.000	-0.14	0.054	0.054	-
	Top	18700	1860.0	21.72	22.50	1.197	-	-	-	-
		18900	1880.0	21.50	22.50	1.259	-	-	-	-
		19100	1900.0	22.50	22.50	1.000	-0.03	0.300	0.300	-
20M QPSK 100RB	Rear	18700	1860.0	21.25	22.50	1.334	0.05	0.723	0.964	-
		18900	1880.0	21.71	22.50	1.199	0.11	0.793	0.951	-
		19100	1900.0	22.21	22.50	1.069	-0.06	0.900	0.962	-
	Left	18700	1860.0	21.25	22.50	1.334	-	-	-	-
		18900	1880.0	21.71	22.50	1.199	-	-	-	-
		19100	1900.0	22.21	22.50	1.069	0.08	0.043	0.046	-
	Right	18700	1860.0	21.25	22.50	1.334	-	-	-	-
		18900	1880.0	21.71	22.50	1.199	-	-	-	-
		19100	1900.0	22.21	22.50	1.069	-0.08	0.050	0.053	-
	Top	18700	1860.0	21.25	22.50	1.334	-	-	-	-
		18900	1880.0	21.71	22.50	1.199	-	-	-	-
		19100	1900.0	22.21	22.50	1.069	0.13	0.264	0.282	-

LTE Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Rear	20050	1720.0	22.97	23.00	1.007	0.10	0.947	0.954	7
		20175	1732.5	22.69	23.00	1.074	-0.07	0.886	0.952	-
		20300	1745.0	22.06	23.00	1.242	0.08	0.762	0.946	-
	Left	20050	1720.0	22.97	23.00	1.007	-0.08	0.069	0.069	-
		20175	1732.5	22.69	23.00	1.074	-	-	-	-
		20300	1745.0	22.06	23.00	1.242	-	-	-	-
	Right	20050	1720.0	22.97	23.00	1.007	0.16	0.074	0.075	-
		20175	1732.5	22.69	23.00	1.074	-	-	-	-
		20300	1745.0	22.06	23.00	1.242	-	-	-	-
	Top	20050	1720.0	22.97	23.00	1.007	0.06	0.300	0.302	-
		20175	1732.5	22.69	23.00	1.074	-	-	-	-
		20300	1745.0	22.06	23.00	1.242	-	-	-	-
20M QPSK 50RB	Rear	20050	1720.0	22.15	23.00	1.216	0.14	0.755	0.918	-
		20175	1732.5	22.31	23.00	1.172	0.02	0.806	0.945	-
		20300	1745.0	22.57	23.00	1.104	0.17	0.862	0.952	-
	Left	20050	1720.0	22.15	23.00	1.216	-	-	-	-
		20175	1732.5	22.31	23.00	1.172	-	-	-	-
		20300	1745.0	22.57	23.00	1.104	-0.05	0.062	0.068	-
	Right	20050	1720.0	22.15	23.00	1.216	-	-	-	-
		20175	1732.5	22.31	23.00	1.172	-	-	-	-
		20300	1745.0	22.57	23.00	1.104	-0.12	0.069	0.076	-
	Top	20050	1720.0	22.15	23.00	1.216	-	-	-	-
		20175	1732.5	22.31	23.00	1.172	-	-	-	-
		20300	1745.0	22.57	23.00	1.104	-0.03	0.288	0.318	-
20M QPSK 50RB	Rear	20050	1720.0	22.80	23.00	1.047	0.03	0.800	0.838	-
		20175	1732.5	21.92	23.00	1.282	-0.05	0.722	0.926	-
		20300	1745.0	21.88	23.00	1.294	0.12	0.641	0.830	-
	Left	20050	1720.0	22.80	23.00	1.047	0.01	0.044	0.046	-
		20175	1732.5	21.92	23.00	1.282	-	-	-	-
		20300	1745.0	21.88	23.00	1.294	-	-	-	-
	Right	20050	1720.0	22.80	23.00	1.047	-0.02	0.048	0.050	-
		20175	1732.5	21.92	23.00	1.282	-	-	-	-
		20300	1745.0	21.88	23.00	1.294	-	-	-	-
	Top	20050	1720.0	22.80	23.00	1.047	0.11	0.231	0.242	-
		20175	1732.5	21.92	23.00	1.282	-	-	-	-
		20300	1745.0	21.88	23.00	1.294	-	-	-	-

LTE Band 5										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Rear	20450	829.0	22.65	23.00	1.084	-0.16	0.462	0.501	8
		20525	836.5	22.21	23.00	1.199	0.11	0.417	0.500	-
		20600	844.0	21.44	23.00	1.432	-0.06	0.339	0.486	-
	Left	20450	829.0	22.65	23.00	1.084	-0.06	0.183	0.198	-
		20525	836.5	22.21	23.00	1.199	-	-	-	-
		20600	844.0	21.44	23.00	1.432	-	-	-	-
	Right	20450	829.0	22.65	23.00	1.084	0.05	0.102	0.111	-
		20525	836.5	22.21	23.00	1.199	-	-	-	-
		20600	844.0	21.44	23.00	1.432	-	-	-	-
	Top	20450	829.0	22.65	23.00	1.084	-0.14	0.110	0.119	-
		20525	836.5	22.21	23.00	1.199	-	-	-	-
		20600	844.0	21.44	23.00	1.432	-	-	-	-
10M QPSK 25RB	Rear	20450	829.0	22.70	23.00	1.072	0.02	0.447	0.479	-
		20525	836.5	21.44	23.00	1.432	-0.08	0.319	0.457	-
		20600	844.0	22.56	23.00	1.107	0.14	0.406	0.449	-
	Left	20450	829.0	22.70	23.00	1.072	-0.02	0.179	0.192	-
		20525	836.5	21.44	23.00	1.432	-	-	-	-
		20600	844.0	22.56	23.00	1.107	-	-	-	-
	Right	20450	829.0	22.70	23.00	1.072	0.19	0.099	0.106	-
		20525	836.5	21.44	23.00	1.432	-	-	-	-
		20600	844.0	22.56	23.00	1.107	-	-	-	-
	Top	20450	829.0	22.70	23.00	1.072	0.08	0.106	0.114	-
		20525	836.5	21.44	23.00	1.432	-	-	-	-
		20600	844.0	22.56	23.00	1.107	-	-	-	-

LTE Band 7										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Rear	20850	2510.0	22.00	23.00	1.259	0.12	0.462	0.582	-
		21100	2535.0	21.94	23.00	1.276	-0.08	0.400	0.511	-
		21350	2560.0	22.66	23.00	1.081	-0.03	0.552	0.597	9
	Left	20850	2510.0	22.00	23.00	1.259	-	-	-	-
		21100	2535.0	21.94	23.00	1.276	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	0.11	0.022	0.024	-
	Right	20850	2510.0	22.00	23.00	1.259	-	-	-	-
		21100	2535.0	21.94	23.00	1.276	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	0.05	0.018	0.019	-
	Top	20850	2510.0	22.00	23.00	1.259	-	-	-	-
		21100	2535.0	21.94	23.00	1.276	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	-0.07	0.263	0.284	-
20M QPSK 50RB	Rear	20850	2510.0	22.61	23.00	1.094	-0.06	0.441	0.482	-
		21100	2535.0	22.21	23.00	1.199	0.03	0.409	0.491	-
		21350	2560.0	22.66	23.00	1.081	0.15	0.509	0.550	-
	Left	20850	2510.0	22.61	23.00	1.094	-	-	-	-
		21100	2535.0	22.21	23.00	1.199	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	-0.06	0.020	0.022	-
	Right	20850	2510.0	22.61	23.00	1.094	-	-	-	-
		21100	2535.0	22.21	23.00	1.199	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	0.12	0.014	0.015	-
	Top	20850	2510.0	22.61	23.00	1.094	-	-	-	-
		21100	2535.0	22.21	23.00	1.199	-	-	-	-
		21350	2560.0	22.66	23.00	1.081	0.03	0.237	0.256	-

LTE Band 8										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Rear	21500	885.0	21.74	23.00	1.337	-0.02	0.462	0.618	-
		21625	897.5	21.92	23.00	1.282	0.01	0.513	0.658	-
		21750	910.0	22.66	23.00	1.081	0.04	0.628	0.679	10
	Left	21500	885.0	21.74	23.00	1.337	-	-	-	-
		21625	897.5	21.92	23.00	1.282	-	-	-	-
		21750	910.0	22.66	23.00	1.081	-0.03	0.244	0.264	-
	Right	21500	885.0	21.74	23.00	1.337	-	-	-	-
		21625	897.5	21.92	23.00	1.282	-	-	-	-
		21750	910.0	22.66	23.00	1.081	0.14	0.126	0.136	-
	Top	21500	885.0	21.74	23.00	1.337	-	-	-	-
		21625	897.5	21.92	23.00	1.282	-	-	-	-
		21750	910.0	22.66	23.00	1.081	0.07	0.174	0.188	-
10M QPSK 25RB	Rear	21500	885.0	21.07	22.00	1.240	-0.04	0.423	0.525	-
		21625	897.5	21.24	22.00	1.191	0.01	0.506	0.603	-
		21750	910.0	21.96	22.00	1.010	-0.08	0.600	0.606	-
	Left	21500	885.0	21.07	22.00	1.240	-	-	-	-
		21625	897.5	21.24	22.00	1.191	-	-	-	-
		21750	910.0	21.96	22.00	1.010	0.15	0.217	0.219	-
	Right	21500	885.0	21.07	22.00	1.240	-	-	-	-
		21625	897.5	21.24	22.00	1.191	-	-	-	-
		21750	910.0	21.96	22.00	1.010	-0.09	0.102	0.103	-
	Top	21500	885.0	21.07	22.00	1.240	-	-	-	-
		21625	897.5	21.24	22.00	1.191	-	-	-	-
		21750	910.0	21.96	22.00	1.010	0.06	0.155	0.157	-

LTE Band 12										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Rear	23060	704.0	21.69	23.00	1.352	0.02	0.489	0.661	-
		23095	707.5	22.02	23.00	1.253	0.13	0.543	0.680	-
		23130	711.0	23.00	23.00	1.000	0.04	0.682	0.682	11
	Left	23060	704.0	21.69	23.00	1.352	-	-	-	-
		23095	707.5	22.02	23.00	1.253	-	-	-	-
		23130	711.0	23.00	23.00	1.000	-0.06	0.267	0.267	-
	Right	23060	704.0	21.69	23.00	1.352	-	-	-	-
		23095	707.5	22.02	23.00	1.253	-	-	-	-
		23130	711.0	23.00	23.00	1.000	-0.12	0.103	0.103	-
	Top	23060	704.0	21.69	23.00	1.352	-	-	-	-
		23095	707.5	22.02	23.00	1.253	-	-	-	-
		23130	711.0	23.00	23.00	1.000	0.03	0.200	0.200	-
10M QPSK 25RB	Rear	23060	704.0	22.74	23.00	1.062	-0.18	0.677	0.719	-
		23095	707.5	21.91	23.00	1.285	-0.13	0.207	0.266	-
		23130	711.0	22.37	23.00	1.156	-0.06	0.233	0.269	-
	Left	23060	704.0	22.74	23.00	1.062	-0.07	0.259	0.275	-
		23095	707.5	21.91	23.00	1.285	-	-	-	-
		23130	711.0	22.37	23.00	1.156	-	-	-	-
	Right	23060	704.0	22.74	23.00	1.062	0.15	0.100	0.106	-
		23095	707.5	21.91	23.00	1.285	-	-	-	-
		23130	711.0	22.37	23.00	1.156	-	-	-	-
	Top	23060	704.0	22.74	23.00	1.062	0.05	0.186	0.197	-
		23095	707.5	21.91	23.00	1.285	-	-	-	-
		23130	711.0	22.37	23.00	1.156	-	-	-	-

LTE Band 13										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Rear	23230	782.0	22.72	23.00	1.067	-0.04	0.608	0.648	12
	Left	23230	782.0	22.72	23.00	1.067	-0.06	0.241	0.257	-
	Right	23230	782.0	22.72	23.00	1.067	-0.05	0.086	0.092	-
	Top	23230	782.0	22.72	23.00	1.067	0.17	0.311	0.332	-
10M QPSK 25RB	Rear	23230	782.0	21.96	22.00	1.009	0.08	0.597	0.603	-
	Left	23230	782.0	21.96	22.00	1.009	-0.11	0.235	0.237	-
	Right	23230	782.0	21.96	22.00	1.009	-0.04	0.079	0.080	-
	Top	23230	782.0	21.96	22.00	1.009	-0.16	0.300	0.303	-

LTE Band 14										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Rear	23330	793.0	22.86	23.00	1.033	0.06	0.559	0.577	13
	Left	23330	793.0	22.86	23.00	1.033	-0.13	0.183	0.189	-
	Right	23330	793.0	22.86	23.00	1.033	0.11	0.074	0.076	-
	Top	23330	793.0	22.86	23.00	1.033	-0.07	0.255	0.263	-
10M QPSK 25RB	Rear	23330	793.0	22.41	22.50	1.021	0.05	0.521	0.532	-
	Left	23330	793.0	22.41	22.50	1.021	0.02	0.166	0.169	-
	Right	23330	793.0	22.41	22.50	1.021	0.12	0.068	0.069	-
	Top	23330	793.0	22.41	22.50	1.021	-0.01	0.237	0.242	-

LTE Band 26										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
15M QPSK 1RB	Rear	26765	821.5	21.09	23.00	1.552	-0.05	0.426	0.661	-
		26865	831.5	22.16	23.00	1.213	-0.13	0.540	0.655	-
		26965	841.5	22.69	23.00	1.074	-0.09	0.617	0.663	14
	Left	26765	821.5	21.09	23.00	1.552	-	-	-	-
		26865	831.5	22.16	23.00	1.213	-	-	-	-
		26965	841.5	22.69	23.00	1.074	0.12	0.220	0.236	-
	Right	26765	821.5	21.09	23.00	1.552	-	-	-	-
		26865	831.5	22.16	23.00	1.213	-	-	-	-
		26965	841.5	22.69	23.00	1.074	-0.06	0.106	0.114	-
	Top	26765	821.5	21.09	23.00	1.552	-	-	-	-
		26865	831.5	22.16	23.00	1.213	-	-	-	-
		26965	841.5	22.69	23.00	1.074	0.01	0.167	0.179	-
15M QPSK 38RB	Rear	26765	821.5	22.40	22.50	1.023	-0.14	0.600	0.614	-
		26865	831.5	21.25	22.50	1.334	0.06	0.452	0.603	-
		26965	841.5	22.17	22.50	1.079	0.17	0.552	0.596	-
	Left	26765	821.5	22.40	22.50	1.023	0.07	0.200	0.205	-
		26865	831.5	21.25	22.50	1.334	-	-	-	-
		26965	841.5	22.17	22.50	1.079	-	-	-	-
	Right	26765	821.5	22.40	22.50	1.023	0.12	0.102	0.104	-
		26865	831.5	21.25	22.50	1.334	-	-	-	-
		26965	841.5	22.17	22.50	1.079	-	-	-	-
	Top	26765	821.5	22.40	22.50	1.023	-0.09	0.159	0.163	-
		26865	831.5	21.25	22.50	1.334	-	-	-	-
		26965	841.5	22.17	22.50	1.079	-	-	-	-

Appendix C: Simultaneous Transmission analysis

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Rear	0.785	0.021	0.806
		Left side	0.162	0.021	0.183
		Right side	0.114	0.021	0.135
		Top side	0.137	0.021	0.158
		Bottom side	0.772	0.021	0.793
	GSM1900	Rear	0.042	0.021	0.063
		Left side	0.029	0.021	0.050
		Right side	0.227	0.021	0.248
		Top side	1.085	0.021	1.106
		Bottom side	0.048	0.021	0.069
WCDMA	Band II	Rear	0.043	0.021	0.064
		Left side	0.231	0.021	0.252
		Right side	0.753	0.021	0.774
		Top side	0.042	0.021	0.063
		Bottom side	0.036	0.021	0.057
	Band IV	Rear	0.231	0.021	0.252
		Left side	0.661	0.021	0.682
		Right side	0.257	0.021	0.278
		Top side	0.105	0.021	0.126
		Bottom side	0.170	0.021	0.191
	Band V	Rear	0.980	0.021	1.001
		Left side	0.054	0.021	0.075
		Right side	0.056	0.021	0.077
		Top side	0.302	0.021	0.323
		Bottom side	0.978	0.021	0.999
	B2 1RB	Rear	0.050	0.021	0.071
		Left side	0.054	0.021	0.075
		Right side	0.300	0.021	0.321
		Top side	0.954	0.021	0.975
		Bottom side	0.069	0.021	0.090
	B2 50RB	Rear	0.075	0.021	0.096
		Left side	0.302	0.021	0.323
		Right side	0.952	0.021	0.973
		Top side	0.068	0.021	0.089
		Bottom side	0.076	0.021	0.097
	B4 1RB	Rear	0.318	0.021	0.339
		Left side	0.501	0.021	0.522
		Right side	0.198	0.021	0.219
		Top side	0.111	0.021	0.132
		Bottom side	0.119	0.021	0.140
	B4 50RB	Rear	0.479	0.021	0.500
		Left side	0.192	0.021	0.213
		Right side	0.106	0.021	0.127
		Top side	0.114	0.021	0.135
		Bottom side	0.597	0.021	0.618

LTE

B5 1RB	Rear	0.024	0.021	0.045
	Left side	0.019	0.021	0.040
	Right side	0.284	0.021	0.305
	Top side	0.550	0.021	0.571
	Bottom side	0.022	0.021	0.043
B5 25RB	Rear	0.015	0.021	0.036
	Left side	0.256	0.021	0.277
	Right side	0.679	0.021	0.700
	Top side	0.264	0.021	0.285
	Bottom side	0.136	0.021	0.157
B7 1RB	Rear	0.188	0.021	0.209
	Left side	0.606	0.021	0.627
	Right side	0.219	0.021	0.240
	Top side	0.103	0.021	0.124
	Bottom side	0.157	0.021	0.178
B7 50RB	Rear	0.682	0.021	0.703
	Left side	0.267	0.021	0.288
	Right side	0.103	0.021	0.124
	Top side	0.200	0.021	0.221
	Bottom side	0.719	0.021	0.740
B8 1RB	Rear	0.275	0.021	0.296
	Left side	0.106	0.021	0.127
	Right side	0.197	0.021	0.218
	Top side	0.648	0.021	0.669
	Bottom side	0.257	0.021	0.278
B8 25RB	Rear	0.092	0.021	0.113
	Left side	0.332	0.021	0.353
	Right side	0.603	0.021	0.624
	Top side	0.237	0.021	0.258
	Bottom side	0.080	0.021	0.101
B12 1RB	Rear	0.303	0.021	0.324
	Left side	0.577	0.021	0.598
	Right side	0.189	0.021	0.210
	Top side	0.076	0.021	0.097
	Bottom side	0.263	0.021	0.284
B12 25RB	Rear	0.532	0.021	0.553
	Left side	0.169	0.021	0.190
	Right side	0.069	0.021	0.090
	Top side	0.242	0.021	0.263
	Bottom side	0.663	0.021	0.684
B13 1RB	Rear	0.236	0.021	0.257
	Left side	0.114	0.021	0.135
	Right side	0.179	0.021	0.200
	Top side	0.614	0.021	0.635
	Bottom side	0.205	0.021	0.226
B13 25RB	Rear	0.104	0.021	0.125
	Left side	0.163	0.021	0.184
	Right side	0.000	0.000	0.000
	Top side	0.000	0.000	0.000
	Bottom side	0.000	0.000	0.000
B14 1RB	Rear	0.000	0.000	0.000
	Left side	0.000	0.000	0.000
	Right side	0.000	0.000	0.000
	Top side	0.000	0.000	0.000
	Bottom side	0.000	0.000	0.000
B14 25RB	Rear	0.000	0.000	0.000
	Left side	0.000	0.000	0.000
	Right side	0.000	0.000	0.000
	Top side	0.000	0.000	0.000
	Bottom side	0.000	0.000	0.000
B26 1RB	Rear	0.000	0.000	0.000
	Left side	0.000	0.000	0.000
	Right side	0.000	0.000	0.000
	Top side	0.000	0.000	0.000
	Bottom side	0.000	0.000	0.000
B26 38RB	Rear	0.000	0.000	0.000
	Left side	0.000	0.000	0.000
	Right side	0.000	0.000	0.000
	Top side	0.000	0.000	0.000
	Bottom side	0.000	0.000	0.000

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/22/2022

GSM 850-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2-3) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.00447

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 42.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 251/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

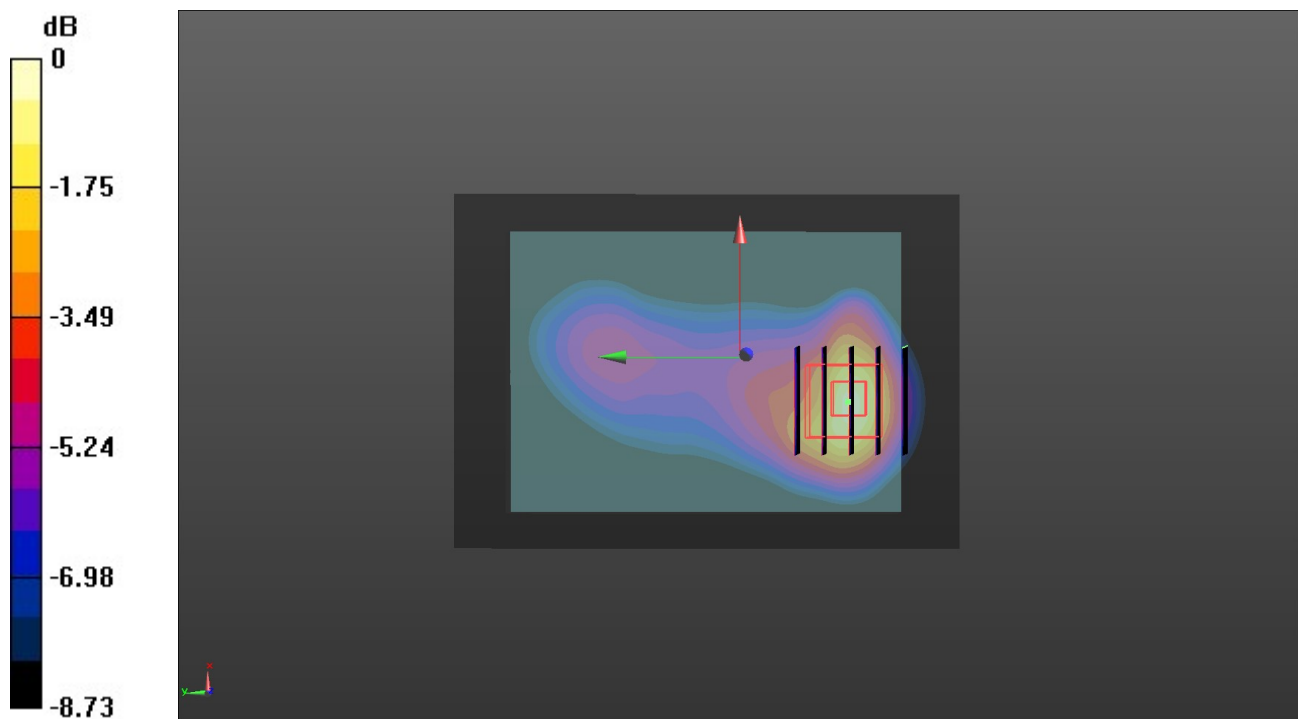
Front/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.62 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 0.45 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/27/2022

GSM 1900-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2-3) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.00447

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.91$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.6°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1850.2 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 512/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

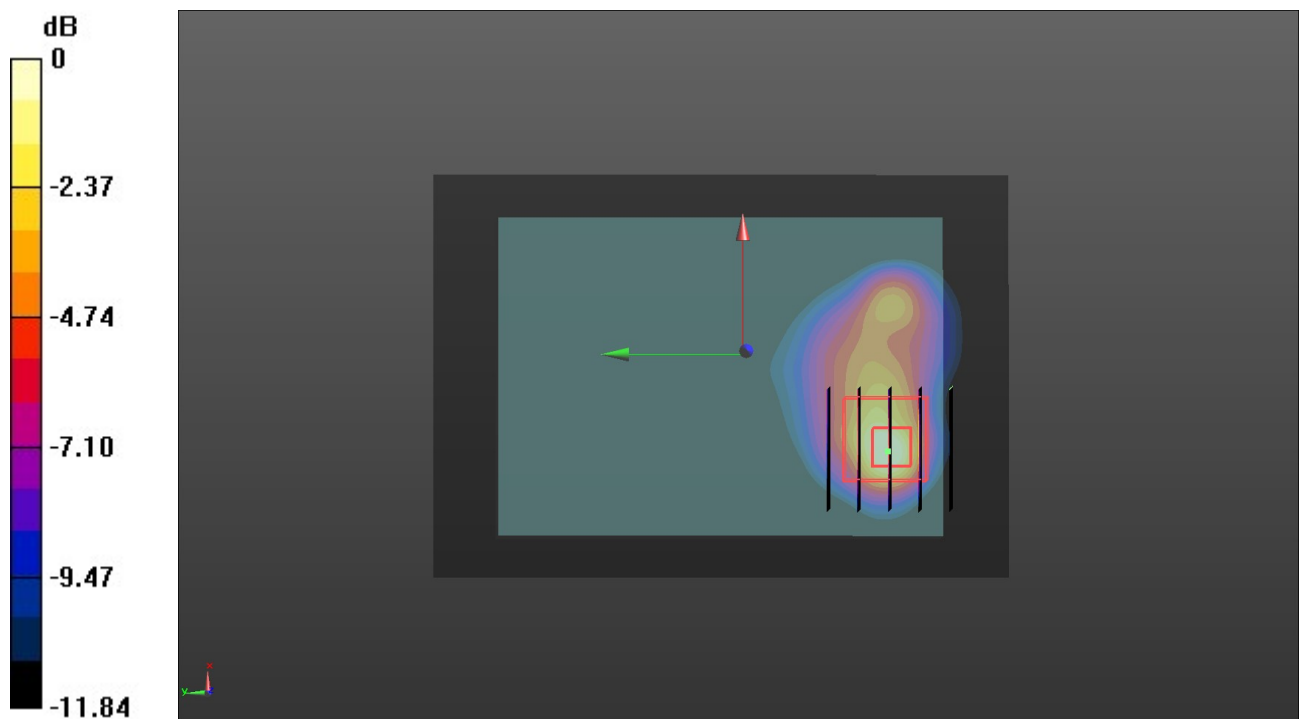
Front/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 5.60 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/27/2022

WCDMA Band II-Body

Communication System: UID 0, Generic UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.6°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1907.6 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 9538/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.96 W/kg

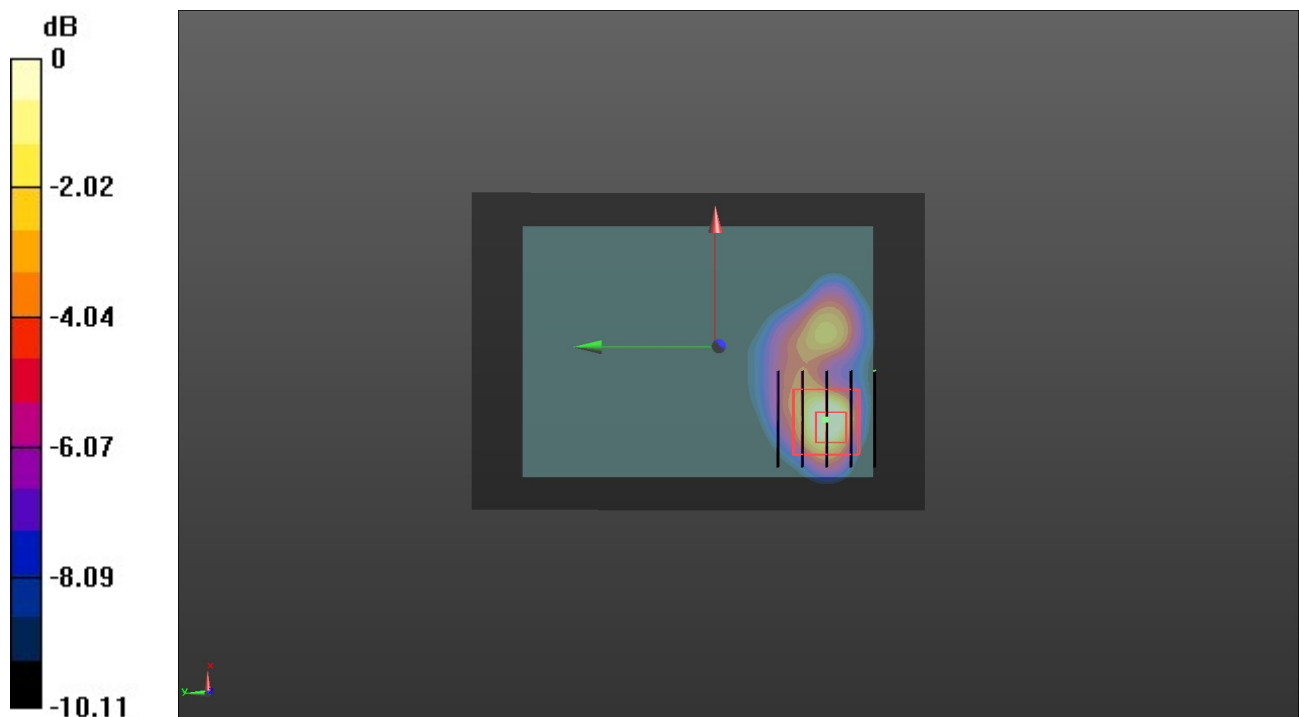
Front/CH 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 4.86 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/26/2022

WCDMA Band IV-Body

Communication System: UID 0, Generic UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.7°C;Liquid Temperature:22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.81, 8.81, 8.81) @ 1732.6 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 1413/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

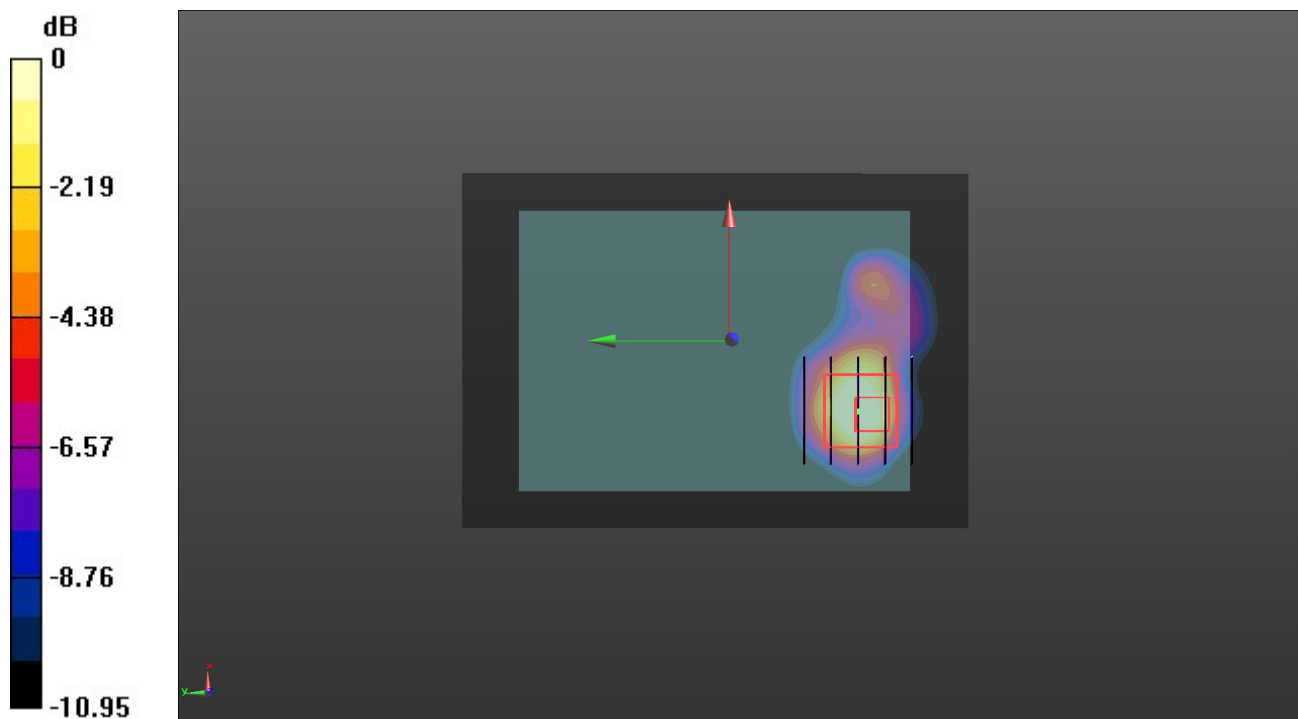
Front/CH 1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.381 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 2.17 dBW/kg

WCDMA Band V-Body

Communication System: UID 0, Generic UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 42.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 846.6 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 4233/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

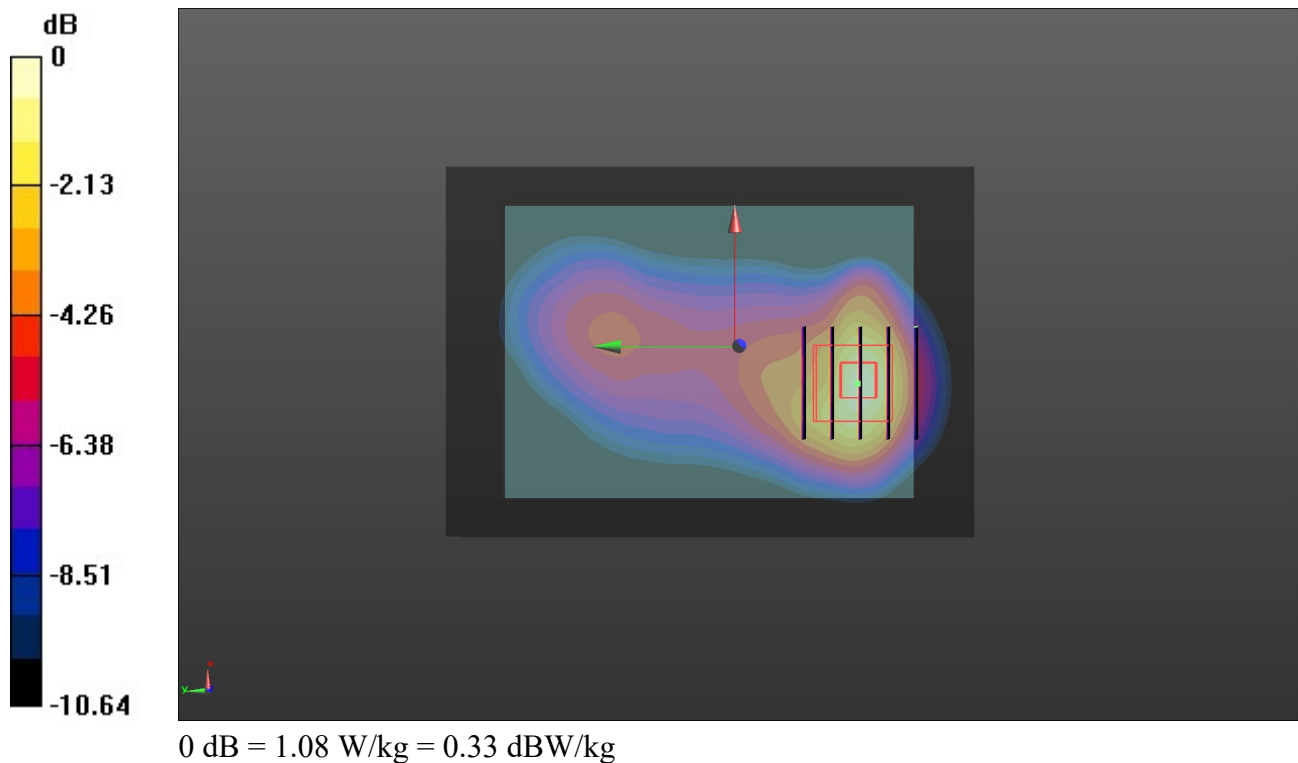
Front/CH 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.26 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/27/2022

LTE Band 2-Body

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1900 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.433$ S/m; $\epsilon_r = 39.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.7°C;Liquid Temperature:22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1900 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 19100/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.00 W/kg

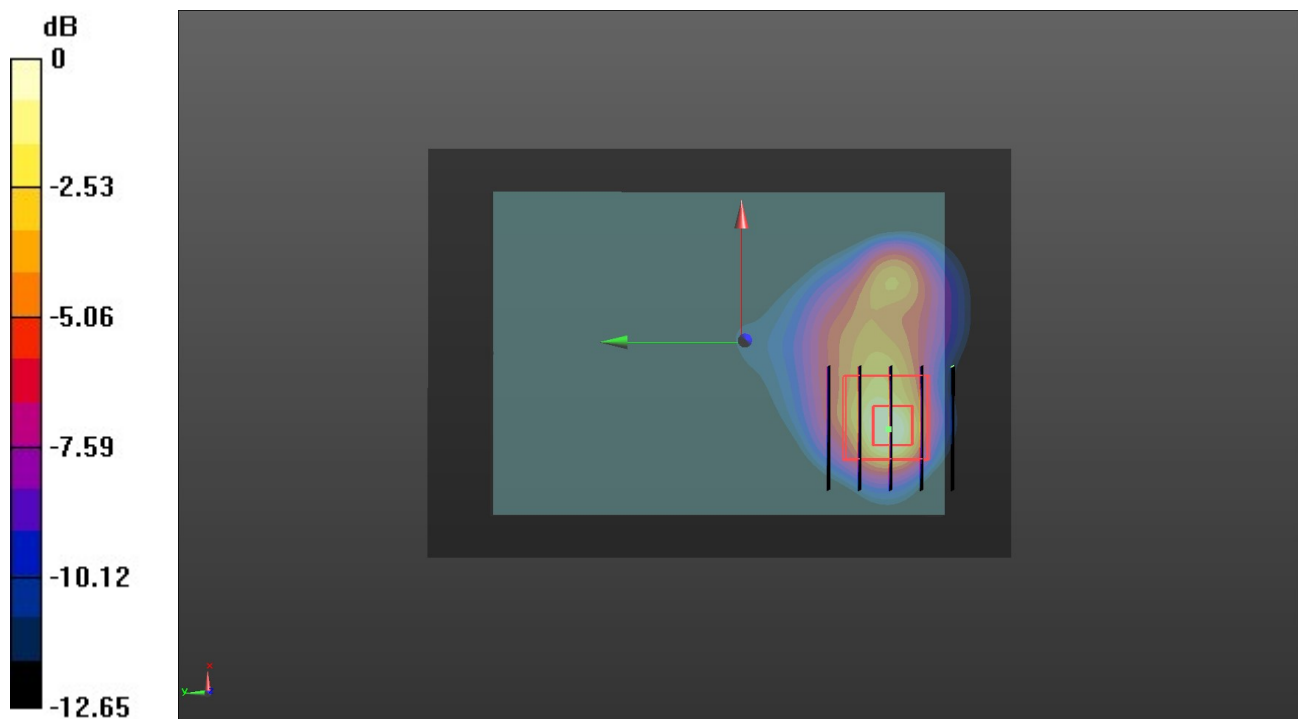
Front/CH 19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
 dz=5mm

Reference Value = 11.98 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 5.56 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/26/2022

LTE Band 4-Body

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.6°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.81, 8.81, 8.81) @ 1720 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 20050/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.29 W/kg

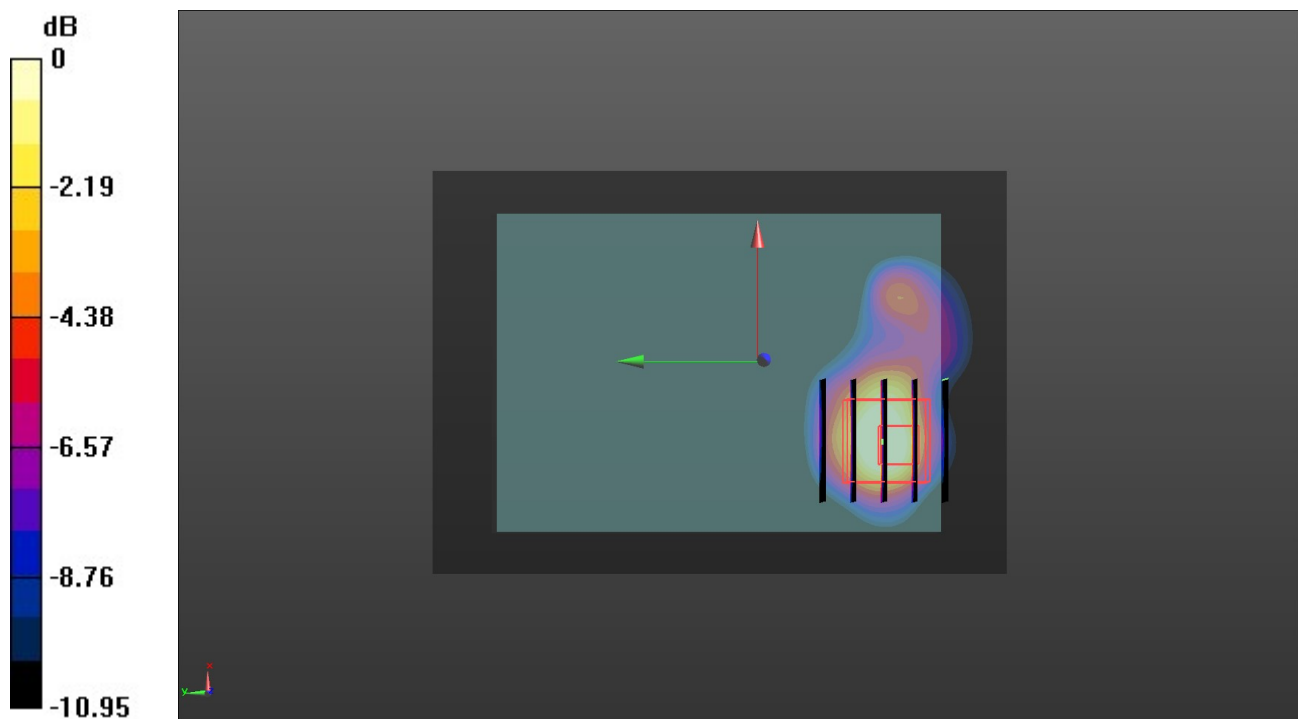
Front/CH 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.876 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 9/22/2022

LTE Band 5-Body

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 42.547$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3°C;Liquid Temperature:22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 829 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 20450/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.780 W/kg

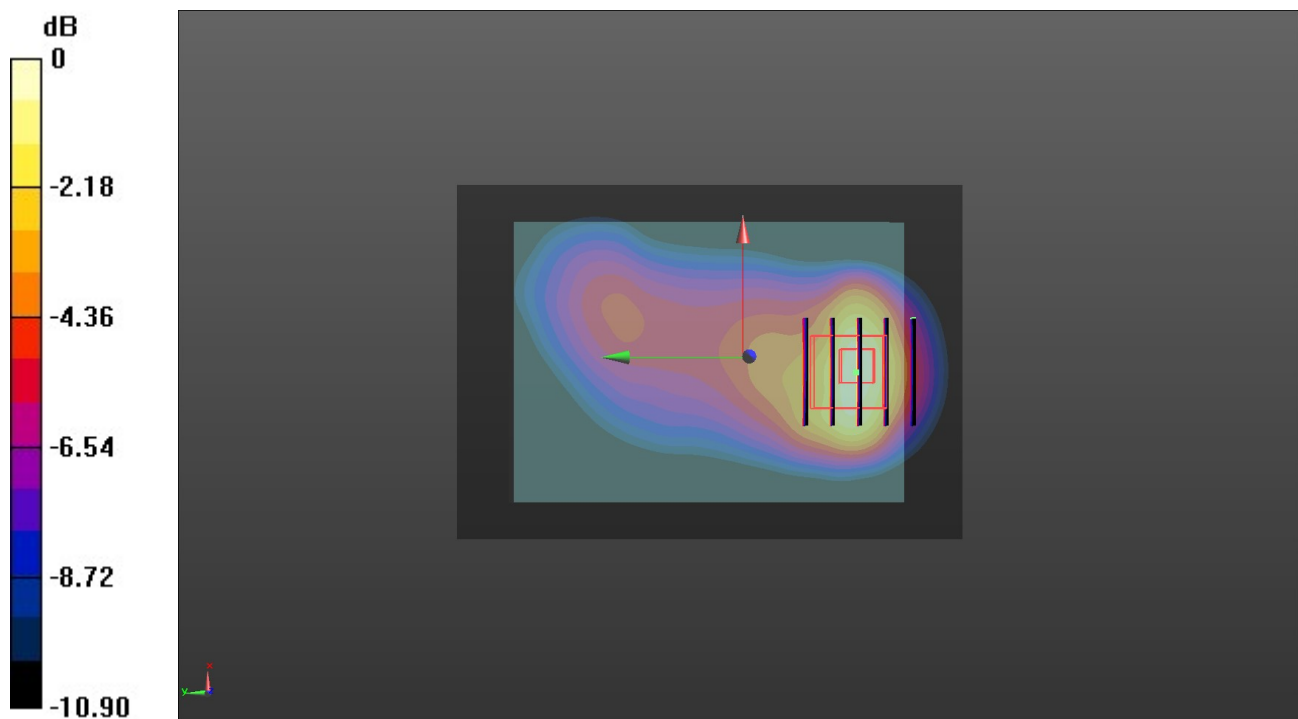
Front/CH 20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.07 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

LTE Band 7-Body

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 38.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.65, 7.65, 7.65) @ 2560 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

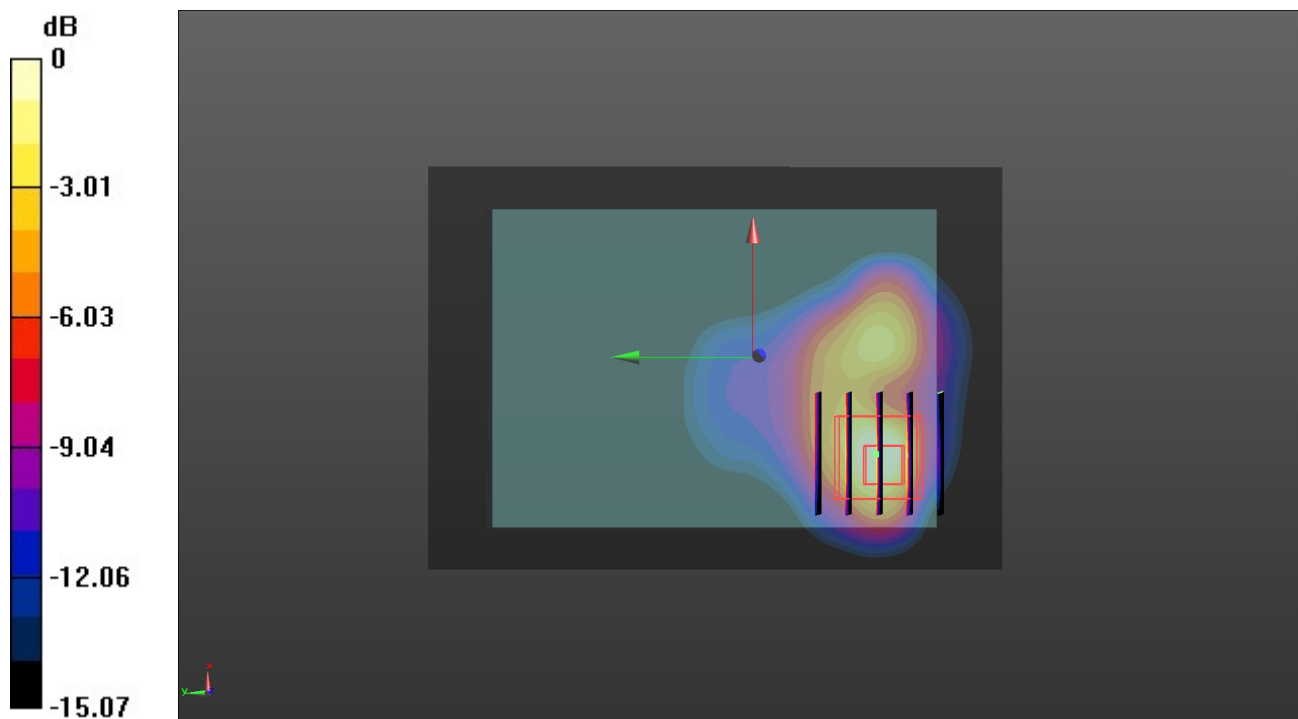
Front/CH 21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.32 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.947 W/kg



0 dB = 0.947 W/kg = 6.50 dBW/kg