

	CP-OFDM 64QAM	1	1	20.13	19.91	20.17	21.00
	CP-OFDM 256QAM	1	1	17.37	17.11	16.99	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				648000/3720	656000/3840	664000/3960	
40MHz	DFT-s-OFDM BPSK	1	1	21.22	20.96	21.08	22.00
		1	104	20.87	20.97	21.03	22.00
		50	25	20.88	20.98	21.02	22.00
		100	0	20.99	20.99	21.31	22.00
	DFT-s-OFDM QPSK	1	1	21.19	20.95	21.19	22.00
		1	104	21.11	20.89	20.87	22.00
		50	25	21.14	21.12	20.94	22.00
		100	0	21.15	20.91	21.19	22.00
	DFT-s-OFDM 16QAM	1	1	20.89	21.17	21.15	22.00
	DFT-s-OFDM 64QAM	1	1	20.35	20.55	20.59	22.00
	DFT-s-OFDM 256QAM	1	1	18.77	19.03	18.89	20.00
	CP-OFDM QPSK	1	1	20.90	20.98	21.10	22.00
	CP-OFDM 16QAM	1	1	20.48	20.48	20.46	22.00
	CP-OFDM 64QAM	1	1	20.15	20.21	20.41	21.00
	CP-OFDM 256QAM	1	1	17.31	17.19	16.99	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				648666/3730	656000/3840	663334/3950	
60MHz	DFT-s-OFDM BPSK	1	1	21.12	20.84	21.02	22.00
		1	160	20.91	21.13	20.97	22.00
		81	40	20.74	21.04	21.14	22.00
		162	0	21.01	21.17	21.25	22.00
	DFT-s-OFDM QPSK	1	1	21.29	21.21	21.19	22.00
		1	160	20.99	21.11	21.05	22.00
		81	40	21.24	21.00	20.98	22.00
		162	0	21.17	20.83	21.25	22.00
	DFT-s-OFDM 16QAM	1	1	20.97	21.23	20.95	22.00
	DFT-s-OFDM 64QAM	1	1	20.53	20.65	20.67	22.00

	DFT-s-OFDM 256QAM	1	1	18.69	18.99	18.65	20.00
	CP-OFDM QPSK	1	1	20.74	21.06	21.04	22.00
	CP-OFDM 16QAM	1	1	20.30	20.36	20.70	22.00
	CP-OFDM 64QAM	1	1	20.27	20.23	20.47	21.00
	CP-OFDM 256QAM	1	1	17.11	17.21	16.89	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				649334/3740	656000/3840	662666/3940	
80MHz	DFT-s-OFDM BPSK	1	1	20.94	21.06	21.06	22.00
		1	215	21.01	21.17	20.97	22.00
		108	54	20.94	20.94	20.96	22.00
		216	0	21.09	21.09	21.29	22.00
	DFT-s-OFDM QPSK	1	1	21.19	21.13	21.17	22.00
		1	215	21.19	21.09	20.77	22.00
		108	54	21.10	21.12	21.12	22.00
		216	0	21.31	21.09	21.17	22.00
	DFT-s-OFDM 16QAM	1	1	20.85	21.19	20.93	22.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.47	20.63	22.00
	DFT-s-OFDM 256QAM	1	1	18.77	18.87	18.73	20.00
	CP-OFDM QPSK	1	1	20.96	21.02	20.96	22.00
	CP-OFDM 16QAM	1	1	20.34	20.52	20.60	22.00
	CP-OFDM 64QAM	1	1	20.29	20.05	20.19	21.00
	CP-OFDM 256QAM	1	1	17.35	16.97	17.11	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				650000/3750	656000/3840	662000/3930	
100MHz	DFT-s-OFDM BPSK	1	1	21.06	21.00	20.98	22.00
		1	271	20.87	20.99	21.01	22.00
		135	67	20.88	20.98	20.98	22.00
		270	0	21.01	21.01	21.17	22.00
	DFT-s-OFDM QPSK	1	1	21.20	20.99	21.17	22.00
		1	271	21.05	20.95	20.85	22.00

		135	67	21.04	21.02	21.02	22.00
		270	0	21.19	20.99	21.09	22.00
	DFT-s-OFDM 16QAM	1	1	20.95	21.07	21.05	22.00
	DFT-s-OFDM 64QAM	1	1	20.39	20.45	20.57	22.00
	DFT-s-OFDM 256QAM	1	1	18.85	18.87	18.79	20.00
	CP-OFDM QPSK	1	1	20.90	20.90	21.06	22.00
	CP-OFDM 16QAM	1	1	20.42	20.50	20.48	22.00
	CP-OFDM 64QAM	1	1	20.21	20.13	20.25	21.00
	CP-OFDM 256QAM	1	1	17.25	17.05	17.03	18.00
n78							
Full Power-ANT6				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				630666/3460	633332/3500	635998/3540	
20MHz	DFT-s-OFDM BPSK	1	1	21.24	21.04	21.10	22.00
		1	49	21.25	21.19	21.25	22.00
		25	12	21.36	20.90	20.96	22.00
		50	0	21.47	21.13	21.59	22.00
	DFT-s-OFDM QPSK	1	1	20.97	21.29	20.87	22.00
		1	49	21.39	21.27	21.15	22.00
		25	12	20.78	20.74	20.58	22.00
		50	0	21.17	20.77	20.99	22.00
	DFT-s-OFDM 16QAM	1	1	21.13	21.03	20.95	22.00
	DFT-s-OFDM 64QAM	1	1	20.45	20.35	20.19	22.00
	DFT-s-OFDM 256QAM	1	1	19.07	18.97	18.99	20.00
	CP-OFDM QPSK	1	1	20.86	21.00	20.96	22.00
	CP-OFDM 16QAM	1	1	20.68	20.34	20.76	22.00
	CP-OFDM 64QAM	1	1	20.23	20.33	20.17	21.00
	CP-OFDM 256QAM	1	1	16.85	16.71	16.53	18.00

Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				631000/3465	633332/3500	635666/3535	
30MHz	DFT-s-OFDM BPSK	1	1	21.04	20.88	20.96	22.00
		1	76	21.29	21.35	21.39	22.00
		36	18	21.36	20.92	21.26	22.00
		75	0	21.31	21.31	21.59	22.00
	DFT-s-OFDM QPSK	1	1	21.23	21.39	20.91	22.00
		1	76	21.37	21.21	21.21	22.00
		36	18	21.20	20.94	20.76	22.00
		75	0	21.17	20.83	21.07	22.00
	DFT-s-OFDM 16QAM	1	1	21.03	21.25	20.95	22.00
	DFT-s-OFDM 64QAM	1	1	20.67	20.33	20.35	22.00
	DFT-s-OFDM 256QAM	1	1	18.73	19.25	19.13	20.00
	CP-OFDM QPSK	1	1	20.76	21.00	20.84	22.00
	CP-OFDM 16QAM	1	1	20.78	20.70	20.50	22.00
	CP-OFDM 64QAM	1	1	20.11	19.95	20.11	21.00
	CP-OFDM 256QAM	1	1	16.71	16.67	16.57	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				631332/3470	633332/3500	635332/3530	
40MHz	DFT-s-OFDM BPSK	1	1	21.20	20.88	21.32	22.00
		1	104	21.13	21.29	21.31	22.00
		50	25	21.20	20.96	21.08	22.00
		100	0	21.47	21.31	21.45	22.00
	DFT-s-OFDM QPSK	1	1	21.15	21.23	21.05	22.00
		1	104	21.31	21.21	21.01	22.00
		50	25	20.90	20.82	20.74	22.00
		100	0	21.31	20.89	21.23	22.00
	DFT-s-OFDM 16QAM	1	1	21.07	21.07	20.85	22.00
	DFT-s-OFDM 64QAM	1	1	20.51	20.35	20.31	22.00
	DFT-s-OFDM 256QAM	1	1	18.93	19.07	19.23	20.00
	CP-OFDM QPSK	1	1	20.72	20.84	20.96	22.00

	CP-OFDM 16QAM	1	1	20.58	20.48	20.78	22.00
	CP-OFDM 64QAM	1	1	20.21	20.23	20.05	21.00
	CP-OFDM 256QAM	1	1	16.87	16.79	16.67	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				631667/3475	633332/3500	634998/3525	
50MHz	DFT-s-OFDM BPSK	1	1	21.20	20.94	21.14	22.00
		1	131	21.11	21.27	21.23	22.00
		64	32	21.14	21.02	21.10	22.00
		128	0	21.45	21.37	21.39	22.00
	DFT-s-OFDM QPSK	1	1	21.15	21.23	21.07	22.00
		1	131	21.23	21.21	21.01	22.00
		64	32	20.98	20.84	20.82	22.00
		128	0	21.21	20.95	21.05	22.00
	DFT-s-OFDM 16QAM	1	1	20.91	21.03	20.93	22.00
	DFT-s-OFDM 64QAM	1	1	20.59	20.45	20.41	22.00
	DFT-s-OFDM 256QAM	1	1	18.91	19.17	19.11	20.00
	CP-OFDM QPSK	1	1	20.84	20.90	21.02	22.00
	CP-OFDM 16QAM	1	1	20.60	20.56	20.60	22.00
	CP-OFDM 64QAM	1	1	20.07	20.07	20.13	21.00
	CP-OFDM 256QAM	1	1	16.69	16.85	16.71	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				632000/3480	633332/3500	634666/3520	
60MHz	DFT-s-OFDM BPSK	1	1	21.28	21.42	20.90	22.00
		1	160	21.33	21.31	21.43	22.00
		81	40	21.28	21.14	20.98	22.00
		162	0	21.47	21.47	21.49	22.00
	DFT-s-OFDM QPSK	1	1	21.27	21.23	21.41	22.00
		1	160	20.91	21.11	20.99	22.00
		81	40	20.76	20.88	20.86	22.00
		162	0	21.17	21.11	20.89	22.00
	DFT-s-OFDM 16QAM	1	1	21.21	20.95	21.09	22.00

	DFT-s-OFDM 64QAM	1	1	20.53	20.51	20.63	22.00
	DFT-s-OFDM 256QAM	1	1	19.11	19.03	18.99	20.00
	CP-OFDM QPSK	1	1	20.90	20.86	21.10	22.00
	CP-OFDM 16QAM	1	1	20.80	20.54	20.40	22.00
	CP-OFDM 64QAM	1	1	19.95	20.05	20.05	21.00
	CP-OFDM 256QAM	1	1	17.07	16.73	16.61	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				632333/3485	633332/3500	634333/3515	
70MHz	DFT-s-OFDM BPSK	1	1	21.20	21.06	21.12	22.00
		1	187	21.29	21.27	21.27	22.00
		92	45	21.14	21.20	21.14	22.00
		180	0	21.53	21.51	21.43	22.00
	DFT-s-OFDM QPSK	1	1	21.33	21.33	21.15	22.00
		1	187	21.27	21.09	21.15	22.00
		92	45	21.04	21.00	21.00	22.00
		180	0	21.01	21.09	21.11	22.00
	DFT-s-OFDM 16QAM	1	1	21.15	21.21	21.25	22.00
	DFT-s-OFDM 64QAM	1	1	20.65	20.59	20.59	22.00
	DFT-s-OFDM 256QAM	1	1	19.25	19.07	19.15	20.00
	CP-OFDM QPSK	1	1	21.16	21.20	21.10	22.00
	CP-OFDM 16QAM	1	1	20.58	20.58	20.56	22.00
	CP-OFDM 64QAM	1	1	20.09	20.17	20.21	21.00
	CP-OFDM 256QAM	1	1	16.87	16.97	16.83	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				632666/3490	633332/3500	633998/3510	
80MHz	DFT-s-OFDM BPSK	1	1	21.36	21.12	21.36	22.00
		1	215	21.25	21.41	21.15	22.00
		108	54	21.26	21.28	21.10	22.00
		216	0	21.71	21.57	21.55	22.00

	DFT-s-OFDM QPSK	1	1	21.09	21.29	21.39	22.00
		1	215	21.25	21.35	21.03	22.00
		108	54	21.06	20.74	21.12	22.00
		216	0	21.07	21.17	21.05	22.00
	DFT-s-OFDM 16QAM	1	1	21.27	21.27	21.11	22.00
	DFT-s-OFDM 64QAM	1	1	20.45	20.69	20.49	22.00
	DFT-s-OFDM 256QAM	1	1	19.11	19.09	18.95	20.00
	CP-OFDM QPSK	1	1	21.04	21.00	20.88	22.00
	CP-OFDM 16QAM	1	1	20.76	20.62	20.72	22.00
	CP-OFDM 64QAM	1	1	20.03	20.29	20.21	21.00
	CP-OFDM 256QAM	1	1	17.01	16.77	16.93	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				633000/3495	633332/3500	633666/3505	
90MHz	DFT-s-OFDM BPSK	1	1	21.30	21.32	21.10	22.00
		1	243	21.17	21.15	21.43	22.00
		120	60	21.22	21.20	21.22	22.00
		243	0	21.61	21.53	21.65	22.00
	DFT-s-OFDM QPSK	1	1	21.13	21.15	21.37	22.00
		1	243	21.15	21.09	21.11	22.00
		120	60	20.96	20.94	20.92	22.00
		243	0	21.07	21.19	21.01	22.00
	DFT-s-OFDM 16QAM	1	1	21.07	21.13	21.19	22.00
	DFT-s-OFDM 64QAM	1	1	20.49	20.59	20.69	22.00
	DFT-s-OFDM 256QAM	1	1	19.17	19.07	19.03	20.00
	CP-OFDM QPSK	1	1	20.94	21.00	21.02	22.00
	CP-OFDM 16QAM	1	1	20.72	20.68	20.62	22.00
	CP-OFDM 64QAM	1	1	20.15	20.21	20.17	21.00
	CP-OFDM 256QAM	1	1	16.91	16.91	16.81	18.00

Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	633332/3500	/	
100MHz	DFT-s-OFDM BPSK	1	1	/	21.14	/	22.00
		1	271	/	21.25	/	22.00
		135	67	/	21.08	/	22.00
		270	0	/	21.53	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.19	/	22.00
		1	271	/	21.19	/	22.00
		135	67	/	20.92	/	22.00
		270	0	/	21.11	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.11	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.59	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.09	/	20.00
	CP-OFDM QPSK	1	1	/	21.04	/	22.00
	CP-OFDM 16QAM	1	1	/	20.58	/	22.00
	CP-OFDM 64QAM	1	1	/	20.09	/	21.00
CP-OFDM 256QAM	1	1	/	16.87	/	18.00	
n78							
Full Power-ANT6				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				647334/3710.01	633332/3500	652666/3789.99	
20MHz	DFT-s-OFDM BPSK	1	1	21.00	21.26	21.20	22.00
		1	49	21.11	21.23	21.01	22.00
		25	12	20.76	20.78	20.64	22.00
		50	0	20.75	21.11	20.97	22.00
	DFT-s-OFDM QPSK	1	1	21.27	21.05	20.97	22.00
		1	49	21.27	20.83	20.95	22.00
		25	12	20.82	20.90	21.28	22.00
		50	0	20.81	21.31	20.93	22.00
	DFT-s-OFDM 16QAM	1	1	21.07	20.93	20.93	22.00
	DFT-s-OFDM 64QAM	1	1	20.49	20.97	20.71	22.00
	DFT-s-OFDM 256QAM	1	1	19.07	19.29	19.19	20.00

	CP-OFDM QPSK	1	1	20.70	20.96	20.82	22.00
	CP-OFDM 16QAM	1	1	20.50	20.32	20.76	22.00
	CP-OFDM 64QAM	1	1	19.87	19.65	19.81	21.00
	CP-OFDM 256QAM	1	1	16.67	16.93	16.63	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				647666/3715	650000/3750	652333/3785	
30MHz	DFT-s-OFDM BPSK	1	1	21.16	21.14	21.14	22.00
		1	76	21.37	21.13	20.97	22.00
		36	18	20.82	20.86	20.90	22.00
		75	0	21.17	20.97	21.25	22.00
	DFT-s-OFDM QPSK	1	1	20.95	21.23	20.99	22.00
		1	76	21.07	20.79	21.03	22.00
		36	18	21.02	20.82	21.22	22.00
		75	0	20.75	20.89	21.21	22.00
	DFT-s-OFDM 16QAM	1	1	21.17	21.17	21.21	22.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.51	20.67	22.00
	DFT-s-OFDM 256QAM	1	1	19.03	19.05	19.33	20.00
	CP-OFDM QPSK	1	1	20.86	20.78	21.10	22.00
	CP-OFDM 16QAM	1	1	20.56	20.54	20.80	22.00
	CP-OFDM 64QAM	1	1	19.85	19.91	20.01	21.00
	CP-OFDM 256QAM	1	1	16.61	16.73	16.67	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				648000/3720	650000/3750	652000/3780	
40MHz	DFT-s-OFDM BPSK	1	1	21.08	21.20	21.04	22.00
		1	104	21.15	21.33	21.01	22.00
		50	25	20.86	20.88	20.86	22.00
		100	0	20.97	21.15	21.17	22.00
	DFT-s-OFDM QPSK	1	1	21.21	21.09	21.01	22.00
		1	104	21.25	20.81	20.85	22.00
		50	25	20.88	20.82	21.24	22.00
		100	0	20.93	21.15	21.13	22.00

	DFT-s-OFDM 16QAM	1	1	21.29	21.11	21.15	22.00
	DFT-s-OFDM 64QAM	1	1	20.63	20.83	20.77	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.19	19.21	20.00
	CP-OFDM QPSK	1	1	20.82	20.88	20.86	22.00
	CP-OFDM 16QAM	1	1	20.42	20.36	20.60	22.00
	CP-OFDM 64QAM	1	1	19.99	19.75	19.95	21.00
	CP-OFDM 256QAM	1	1	16.75	17.05	16.71	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				648334/3725	650000/3750	651666/3775	
50MHz	DFT-s-OFDM BPSK	1	1	21.10	21.22	21.08	22.00
		1	131	21.21	21.17	21.07	22.00
		64	32	20.94	20.90	20.90	22.00
		128	0	20.99	21.07	21.03	22.00
	DFT-s-OFDM QPSK	1	1	21.03	21.15	21.13	22.00
		1	131	21.09	20.93	20.97	22.00
		64	32	20.90	20.86	21.08	22.00
		128	0	20.89	21.05	21.17	22.00
	DFT-s-OFDM 16QAM	1	1	21.13	21.09	21.11	22.00
	DFT-s-OFDM 64QAM	1	1	20.51	20.67	20.71	22.00
	DFT-s-OFDM 256QAM	1	1	19.15	19.15	19.15	20.00
	CP-OFDM QPSK	1	1	20.82	20.82	20.98	22.00
	CP-OFDM 16QAM	1	1	20.48	20.48	20.72	22.00
	CP-OFDM 64QAM	1	1	19.99	19.81	19.85	21.00
	CP-OFDM 256QAM	1	1	16.77	16.89	16.81	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				648666/3730	650000/3750	651334/3770	
60MHz	DFT-s-OFDM BPSK	1	1	21.02	20.90	21.06	22.00
		1	160	21.03	20.99	21.21	22.00

		81	40	20.88	21.22	21.04	22.00
		162	0	21.19	21.27	21.13	22.00
	DFT-s-OFDM QPSK	1	1	21.13	21.17	21.01	22.00
		1	160	21.25	20.87	20.91	22.00
		81	40	21.22	21.14	21.00	22.00
		162	0	21.25	21.25	21.27	22.00
	DFT-s-OFDM 16QAM	1	1	20.99	21.19	21.33	22.00
	DFT-s-OFDM 64QAM	1	1	20.63	20.69	20.71	22.00
	DFT-s-OFDM 256QAM	1	1	19.17	19.07	18.99	20.00
	CP-OFDM QPSK	1	1	20.82	21.02	20.80	22.00
	CP-OFDM 16QAM	1	1	20.52	20.54	20.82	22.00
	CP-OFDM 64QAM	1	1	19.91	19.77	19.91	21.00
	CP-OFDM 256QAM	1	1	16.69	16.87	16.81	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				649000/3735	650000/3750	651000/3765	
70MHz	DFT-s-OFDM BPSK	1	1	21.08	21.20	21.08	22.00
		1	187	21.21	21.21	21.29	22.00
		92	45	21.02	21.08	21.04	22.00
		180	0	21.25	21.27	21.17	22.00
	DFT-s-OFDM QPSK	1	1	21.37	21.25	21.19	22.00
		1	187	21.23	21.05	21.23	22.00
		92	45	20.96	21.16	20.96	22.00
		180	0	21.17	21.25	21.07	22.00
	DFT-s-OFDM 16QAM	1	1	21.37	21.31	21.15	22.00
	DFT-s-OFDM 64QAM	1	1	20.73	20.71	20.61	22.00
	DFT-s-OFDM 256QAM	1	1	19.03	19.15	19.11	20.00
	CP-OFDM QPSK	1	1	20.92	20.90	20.92	22.00
	CP-OFDM 16QAM	1	1	20.70	20.60	20.56	22.00
	CP-OFDM 64QAM	1	1	20.11	19.99	20.09	21.00

	CP-OFDM 256QAM	1	1	16.89	17.13	16.95	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				649334/3740	650000/3750	650666/3760	
80MHz	DFT-s-OFDM BPSK	1	1	21.18	21.02	21.24	22.00
		1	215	21.35	21.23	21.01	22.00
		108	54	20.94	20.84	21.12	22.00
		216	0	21.39	21.21	21.27	22.00
	DFT-s-OFDM QPSK	1	1	21.07	21.27	21.05	22.00
		1	215	21.17	21.19	21.29	22.00
		108	54	21.06	21.02	21.18	22.00
		216	0	21.11	21.07	21.27	22.00
	DFT-s-OFDM 16QAM	1	1	21.21	21.25	21.15	22.00
	DFT-s-OFDM 64QAM	1	1	20.67	20.55	20.59	22.00
	DFT-s-OFDM 256QAM	1	1	18.99	19.13	19.25	20.00
	CP-OFDM QPSK	1	1	21.00	20.82	21.04	22.00
	CP-OFDM 16QAM	1	1	20.76	20.48	20.74	22.00
	CP-OFDM 64QAM	1	1	20.05	19.93	20.21	21.00
	CP-OFDM 256QAM	1	1	16.93	17.13	16.79	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				649666/3745	650000/3750	650334/3755	
90MHz	DFT-s-OFDM BPSK	1	1	21.16	21.04	21.16	22.00
		1	243	21.27	21.11	21.27	22.00
		120	60	20.90	21.06	21.10	22.00
		243	0	21.31	21.35	21.23	22.00
	DFT-s-OFDM QPSK	1	1	21.37	21.35	21.21	22.00
		1	243	21.15	21.05	21.15	22.00
		120	60	21.12	21.04	21.06	22.00
		243	0	21.15	21.15	21.23	22.00
	DFT-s-OFDM 16QAM	1	1	21.15	21.21	21.23	22.00
	DFT-s-OFDM 64QAM	1	1	20.71	20.65	20.59	22.00
	DFT-s-OFDM 256QAM	1	1	19.01	19.01	19.15	20.00

	CP-OFDM QPSK	1	1	21.06	21.04	21.04	22.00
	CP-OFDM 16QAM	1	1	20.60	20.62	20.80	22.00
	CP-OFDM 64QAM	1	1	20.09	19.87	20.01	21.00
	CP-OFDM 256QAM	1	1	16.87	16.95	17.05	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	650000/3750	/	
100MHz	DFT-s-OFDM BPSK	1	1	/	21.16	/	22.00
		1	271	/	21.19	/	22.00
		135	67	/	20.98	/	22.00
		270	0	/	21.17	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.21	/	22.00
		1	271	/	21.11	/	22.00
		135	67	/	21.00	/	22.00
		270	0	/	21.09	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.23	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.65	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.05	/	20.00
	CP-OFDM QPSK	1	1	/	20.98	/	22.00
	CP-OFDM 16QAM	1	1	/	20.66	/	22.00
	CP-OFDM 64QAM	1	1	/	19.99	/	21.00
	CP-OFDM 256QAM	1	1	/	16.97	/	18.00

9.5 WLAN Mode

Wi-Fi 2.4GHz Full power-ANT3 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11b (1M)	1/2412	16.00	15.32
	6/2437	16.00	14.66
	11/2462	16.00	14.08
802.11g (6M)	1/2412	13.00	11.82
	6/2437	13.00	11.44
	11/2462	13.00	11.36
802.11n-HT20 (MCS0)	1/2412	12.00	10.73
	6/2437	12.00	10.40
	11/2462	12.00	10.36
802.11n-HT40 (MCS0)	3/2422	11.00	8.57
	6/2437	11.00	9.07
	9/2452	11.00	10.01

Wi-Fi 2.4GHz Full power-ANT2 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11b (1M)	1/2412	16.00	15.22
	6/2437	15.50	13.63
	11/2462	15.50	13.92
802.11g (6M)	1/2412	13.00	11.91
	6/2437	12.00	10.48
	11/2462	13.00	11.26
802.11n-HT20 (MCS0)	1/2412	12.00	10.60
	6/2437	11.00	8.94
	11/2462	12.00	10.15
802.11n-HT40 (MCS0)	3/2422	10.00	7.66
	6/2437	9.00	6.94
	9/2452	11.00	9.66

Wi-Fi 2.4GHz Full power-MIMO Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)			
		Tune-up	Meas.	Ant 3	Ant 2
802.11b (1M)	1/2412	19.00	18.28	15.32	15.22
	6/2437	19.00	17.19	14.66	13.63

	11/2462	19.00	17.01	14.08	13.92
802.11g (6M)	1/2412	16.00	14.88	11.82	11.91
	6/2437	16.00	14.00	11.44	10.48
	11/2462	16.00	14.32	11.36	11.26
802.11n-HT20 (MCS0)	1/2412	15.00	13.68	10.73	10.60
	6/2437	15.00	12.74	10.40	8.94
	11/2462	15.00	13.27	10.36	10.15
802.11n-HT40 (MCS0)	3/2422	13.00	11.15	8.57	7.66
	6/2437	13.00	11.14	9.07	6.94
	9/2452	13.00	12.85	10.01	9.66

Wi-Fi 5GHz (U-NII-1) Full power-ANT3 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	36/5180	11.00	10.15
	40/5200	11.00	9.67
	48/5240	11.00	9.39
802.11n-HT20 (MCS0)	36/5180	10.00	8.63
	40/5200	10.00	8.41
	48/5240	10.00	8.18
802.11n-HT40 (MCS0)	38/5190	9.00	7.80
	46/5230	9.00	7.24
802.11ac-VHT20 (MCS0)	36/5180	9.00	7.90
	40/5200	9.00	7.42
	48/5240	9.00	7.31
802.11ac-VHT40 (MCS0)	38/5190	8.00	6.69
	46/5230	8.00	6.16
802.11ac-VHT80 (MCS0)	42/5210	7.00	5.56

Wi-Fi 5GHz (U-NII-1) Full power-ANT2 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	36/5180	12.00	11.33
	40/5200	12.00	11.26
	48/5240	12.00	10.90
802.11n-HT20 (MCS0)	36/5180	11.00	10.33
	40/5200	11.00	10.33

	48/5240	11.00	9.88
802.11n-HT40 (MCS0)	38/5190	10.00	8.94
	46/5230	10.00	8.78
802.11ac-VHT20 (MCS0)	36/5180	10.00	9.43
	40/5200	10.00	8.94
	48/5240	10.00	8.86
802.11ac-VHT40 (MCS0)	38/5190	9.00	8.24
	46/5230	9.00	7.69
802.11ac-VHT80 (MCS0)	42/5210	8.00	7.15

Wi-Fi 5GHz (U-NII-1) Full power-MIMO Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)			
		Tune-up	Meas.	Ant 3	Ant 2
802.11a (6M)	36/5180	14.50	13.79	10.15	11.33
	40/5200	14.50	13.55	9.67	11.26
	44/5220	14.50	13.22	9.39	10.90
802.11n-HT20 (MCS0)	36/5180	13.50	12.57	8.63	10.33
	40/5200	13.50	12.49	8.41	10.33
	44/5220	13.50	12.12	8.18	9.88
802.11n-HT40 (MCS0)	38/5190	12.50	11.42	7.80	8.94
	46/5230	12.50	11.09	7.24	8.78
802.11ac-VHT20 (MCS0)	36/5180	12.50	11.74	7.90	9.43
	40/5200	12.50	11.26	7.42	8.94
	48/5240	12.50	11.16	7.31	8.86
802.11ac-VHT40 (MCS0)	38/5190	11.50	10.54	6.69	8.24
	46/5230	11.50	10.00	6.16	7.69
802.11ac-VHT80 (MCS0)	42/5210	10.50	9.44	5.56	7.15

Wi-Fi 5GHz (U-NII-2A) Full power-ANT3 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	52/5260	11.00	9.38
	56/5280	11.00	9.75
	64/5320	11.00	10.23
802.11n-HT20 (MCS0)	52/5260	10.00	8.33
	56/5280	10.00	8.76
	64/5320	10.00	9.12

802.11n-HT40 (MCS0)	54/5270	9.00	7.51
	62/5310	9.00	7.86
802.11ac-VHT20 (MCS0)	52/5260	9.00	7.56
	56/5280	9.00	7.57
	64/5320	9.00	8.00
802.11ac-VHT40 (MCS0)	54/5270	8.00	6.69
	62/5310	8.00	6.98
802.11ac-VHT80 (MCS0)	58/5290	7.00	5.66

Wi-Fi 5GHz (U-NII-2A) Full power-ANT2 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	52/5260	12.00	11.00
	56/5280	12.00	10.90
	64/5320	12.00	10.92
802.11n-HT20 (MCS0)	52/5260	11.00	10.34
	56/5280	11.00	9.92
	64/5320	11.00	9.52
802.11n-HT40 (MCS0)	54/5270	10.00	9.16
	62/5310	10.00	8.70
802.11ac-VHT20 (MCS0)	52/5260	10.00	9.06
	56/5280	10.00	8.87
	64/5320	10.00	8.67
802.11ac-VHT40 (MCS0)	54/5270	9.00	8.00
	62/5310	9.00	7.46
802.11ac-VHT80 (MCS0)	58/5290	8.00	6.62

Wi-Fi 5GHz (U-NII-2A) Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)			
		Tune-up	Meas.	Ant 3	Ant 2
802.11a (6M)	52/5260	14.50	13.28	9.38	11.00
	56/5280	14.50	13.37	9.75	10.90
	64/5320	14.50	13.60	10.23	10.92
802.11n-HT20 (MCS0)	52/5260	13.50	12.46	8.33	10.34
	56/5280	13.50	12.39	8.76	9.92
	64/5320	13.50	12.33	9.12	9.52
802.11n-HT40	54/5270	12.50	11.42	7.51	9.16

(MCS0)	62/5310	12.50	11.31	7.86	8.70
802.11ac-VHT20 (MCS0)	52/5260	12.50	11.38	7.56	9.06
	56/5280	12.50	11.28	7.57	8.87
	64/5320	12.50	11.36	8.00	8.67
802.11ac-VHT40 (MCS0)	54/5270	11.50	10.40	6.69	8.00
	62/5310	11.50	10.24	6.98	7.46
802.11ac-VHT80 (MCS0)	58/5290	10.50	9.18	5.66	6.62

Wi-Fi 5GHz (U-NII-2C) Full power-ANT3 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	100/5500	12.00	11.18
	116/5580	11.00	10.04
	132/5660	11.00	10.09
	144/5720	11.00	10.01
802.11n-HT20 (MCS0)	100/5500	11.00	10.02
	116/5580	11.00	8.81
	132/5660	11.00	8.83
	144/5720	11.00	9.54
802.11n-HT40 (MCS0)	102/5510	10.00	8.84
	110/5550	10.00	8.19
	118/5590	10.00	7.84
	134/5670	10.00	8.00
802.11ac-VHT20 (MCS0)	100/5500	10.00	8.96
	116/5580	10.00	7.78
	132/5660	10.00	7.74
	144/5720	10.00	8.53
802.11ac-VHT40 (MCS0)	102/5510	9.00	7.80
	110/5550	9.00	7.49
	118/5590	9.00	7.11
	134/5670	9.00	6.93
802.11ac-VHT80 (MCS0)	106/5530	8.00	6.36
	122/5610	8.00	5.83

Wi-Fi 5GHz (U-NII-2C) Full power-ANT2 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.

802.11a (6M)	100/5500	12.00	10.28
	116/5580	12.00	11.09
	132/5660	12.00	10.64
	144/5720	11.00	9.66
802.11n-HT20 (MCS0)	100/5500	11.00	9.29
	116/5580	11.00	9.87
	132/5660	11.00	9.87
	144/5720	11.00	8.94
802.11n-HT40 (MCS0)	102/5510	10.00	8.14
	110/5550	10.00	8.63
	118/5590	10.00	9.11
	134/5670	10.00	8.80
802.11ac-VHT20 (MCS0)	100/5500	10.00	8.06
	116/5580	10.00	8.86
	132/5660	10.00	8.68
	144/5720	10.00	7.67
802.11ac-VHT40 (MCS0)	102/5510	9.00	7.07
	110/5550	9.00	7.70
	118/5590	9.00	8.05
	134/5670	9.00	7.74
802.11ac-VHT80 (MCS0)	106/5530	8.00	6.04
	122/5610	8.00	7.22

Wi-Fi 5GHz (U-NII-2C) Full power-MIMO Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)			
		Tune-up	Meas.	Ant 3	Ant 2
802.11a (6M)	100/5500	14.50	13.76	11.18	10.28
	116/5580	14.50	13.61	10.04	11.09
	132/5660	14.50	13.38	10.09	10.64
	144/5720	14.50	12.85	10.01	9.66
802.11n-HT20 (MCS0)	100/5500	13.50	12.68	10.02	9.29
	116/5580	13.50	12.38	8.81	9.87
	132/5660	13.50	12.39	8.83	9.87
	144/5720	13.50	12.26	9.54	8.94
802.11n-HT40 (MCS0)	102/5510	12.50	11.51	8.84	8.14
	110/5550	12.50	11.43	8.19	8.63
	118/5590	12.50	11.53	7.84	9.11
	134/5670	12.50	11.43	8.00	8.80
802.11ac-VHT20	100/5500	12.50	11.54	8.96	8.06

(MCS0)	116/5580	12.50	11.36	7.78	8.86
	132/5660	12.50	11.25	7.74	8.68
	144/5720	12.50	11.13	8.53	7.67
802.11ac-VHT40 (MCS0)	102/5510	11.50	10.46	7.80	7.07
	110/5550	11.50	10.61	7.49	7.70
	118/5590	11.50	10.62	7.11	8.05
	134/5670	11.50	10.36	6.93	7.74
802.11ac-VHT80 (MCS0)	106/5530	10.50	9.21	6.36	6.04
	122/5610	10.50	9.59	5.83	7.22

Wi-Fi 5GHz (U-NII-3) Full power-ANT3 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	149/5745	12.00	11.21
	157/5785	12.00	11.72
	165/5825	12.00	11.12
802.11n-HT20 (MCS0)	149/5745	11.00	10.28
	157/5785	11.00	10.54
	165/5825	11.00	10.58
802.11n-HT40 (MCS0)	151/5755	10.00	9.02
	159/5795	10.00	9.48
802.11ac-VHT20 (MCS0)	149/5745	10.00	9.14
	157/5785	10.00	9.45
	165/5825	10.00	9.51
802.11ac-VHT40 (MCS0)	151/5755	9.00	8.09
	159/5795	9.00	8.34
802.11ac-VHT80 (MCS0)	155/5775	8.00	7.13

Wi-Fi 5GHz (U-NII-3) Full power-ANT2 Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)	
		Tune-up	Meas.
802.11a (6M)	149/5745	10.50	9.21
	157/5785	10.50	8.84
	165/5825	10.50	8.94
802.11n-HT20 (MCS0)	149/5745	9.50	7.89
	157/5785	9.50	7.96
	165/5825	9.50	7.99

802.11n-HT40 (MCS0)	151/5755	8.50	6.90
	159/5795	8.50	6.75
802.11ac-VHT20 (MCS0)	149/5745	8.50	7.10
	157/5785	8.50	7.05
	165/5825	8.50	7.05
802.11ac-VHT40 (MCS0)	151/5755	7.50	5.95
	159/5795	7.50	5.98
802.11ac-VHT80 (MCS0)	155/5775	6.50	5.22

Wi-Fi 5GHz (U-NII-3) Full power-MIMO Mode	Channel /Frequency(MHz)	Maximum Output Power (dBm)			
		Tune-up	Meas.	Ant 3	Ant 2
802.11a (6M)	149/5745	14.50	13.33	11.21	9.21
	157/5785	14.50	13.52	11.72	8.84
	165/5825	14.50	13.18	11.12	8.94
802.11n-HT20 (MCS0)	149/5745	13.50	12.26	10.28	7.89
	157/5785	13.50	12.45	10.54	7.96
	165/5825	13.50	12.49	10.58	7.99
802.11n-HT40 (MCS0)	151/5755	12.50	11.10	9.02	6.90
	159/5795	12.50	11.34	9.48	6.75
802.11ac-VHT20 (MCS0)	149/5745	12.50	11.25	9.14	7.10
	157/5785	12.50	11.42	9.45	7.05
	165/5825	12.50	11.46	9.51	7.05
802.11ac-VHT40 (MCS0)	151/5755	11.50	10.16	8.09	5.95
	159/5795	11.50	10.33	8.34	5.98
802.11ac-VHT80 (MCS0)	155/5775	10.50	9.29	7.13	5.22

9.6 Bluetooth Mode

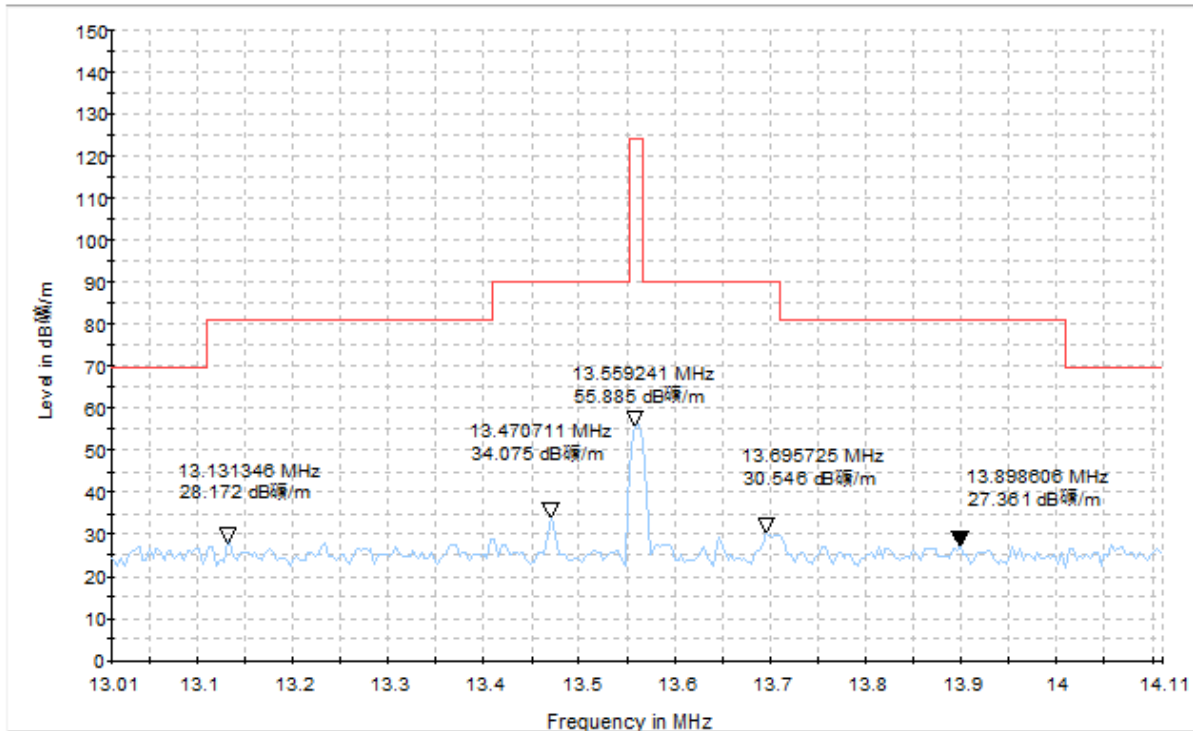
Bluetooth	Maximum Output Power (dBm)			Tune-up Limit (dBm)
	Channel/Frequency(MHz)			
	Ch 0/2402 MHz	Ch 39/2441 MHz	Ch 78/2480 MHz	
GFSK	11.08	11.02	10.36	13.00
$\pi/4$ DQPSK	7.44	6.98	6.72	10.00
8DPSK	7.45	6.98	6.74	10.00
BLE	Ch 0/2402 MHz	Ch 19/2440 MHz	Ch 39/2480 MHz	Tune-up Limit (dBm)
GFSK(1M)	6.68	6.39	6.46	9.00
GFSK(2M)	6.68	6.10	6.36	9.00
S=2	6.70	6.52	6.76	9.00
S=8	6.93	6.31	6.73	9.00

9.7 NFC Mode

Frequency(MHz)	Max.E-field strength dB μ V/m @3m	EIRP (dBm)	Tune-up Limit (dBm)	SAR Test Exclusion Power Thresholds(mW)	SAR test for NFC?
13.56	55.885	-39.315	-41.00	443	No
Note1: EIRP = Max.E-field strength @ 3m – 95.2					
Note2: According to 447498 D01 General RF Exposure Guidance v06 section 4.3.1, the SAR test exclusion power thresholds for NFC band is 443 mW.					

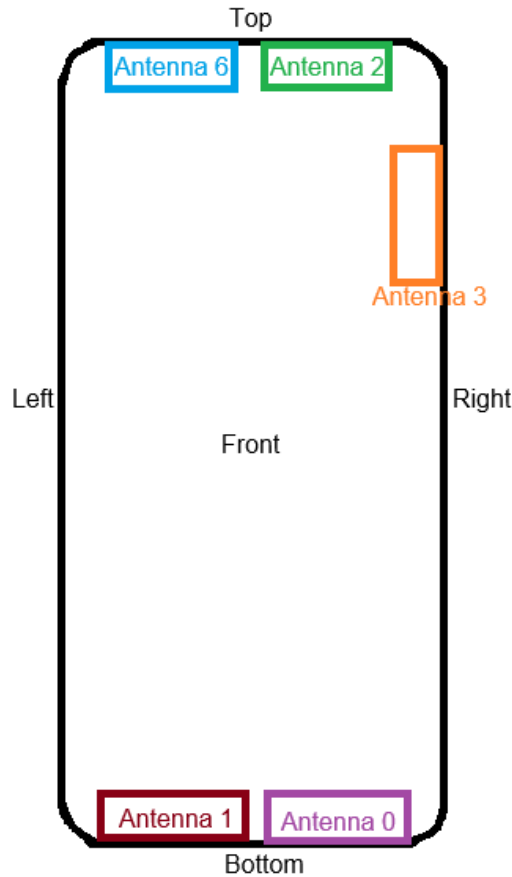
The test is in transmitting all modes, NFC-A was selected as the worst condition. The test data of the worst-case condition was recorded as below.

A symbol (dB μ V/m) in the test plot below means (dB μ V/m).



10 Measured and Reported (Scaled) SAR Results

10.1 EUT Antenna Locations



Overall (Length x Width): 171 mm x 76 mm

Overall Diagonal: 179 mm

Distance of the Antenna to the EUT Surface/Edge

Antenna	Back Side	Front Side	Left Edge	Right Edge	Top Edge	Bottom Edge
Antenna 0	<25mm	<25mm	>25mm	<25mm	>25mm	<25mm
Antenna 1	<25mm	<25mm	<25mm	>25mm	>25mm	<25mm
Antenna 2	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Antenna 3	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Antenna 6	<25mm	<25mm	<25mm	>25mm	<25mm	>25mm

Hotspot mode, Positions for SAR Tests

Mode	Back Side	Front side	Left Edge	Right Edge	Top Edge	Bottom Edge
Antenna 0	Yes	Yes	N/A	Yes	N/A	Yes
Antenna 1	Yes	Yes	Yes	N/A	N/A	Yes
Antenna 2	Yes	Yes	N/A	Yes	Yes	N/A
Antenna 3	Yes	Yes	N/A	Yes	Yes	N/A
Antenna 6	Yes	Yes	Yes	N/A	Yes	N/A

Note:

1. Per KDB 941225 D06, when the overall device length and width are $\geq 9\text{cm} \times 5\text{cm}$, the test distance is 10mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.
2. For smart phones with an overall diagonal dimension of 179 mm. Per KDB 648474 D04, for smart phones with a display diagonal dimension $> 15.0\text{ cm}$ or an overall diagonal dimension $> 16.0\text{ cm}$, 10-g Extremity SAR must be tested as a phablet to determine SAR compliance. When hotspot mode applies, 10-g Extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR $> 1.2\text{ W/kg}$; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.
3. Per FCC KDB 447498 D01, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - a) $\leq 0.8\text{ W/kg}$ or 2.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\leq 100\text{MHz}$
 - b) $\leq 0.6\text{ W/kg}$ or 1.5 W/kg , for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - c) $\leq 0.4\text{ W/kg}$ or 1.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\geq 200\text{ MHz}$.
4. When the original highest measured SAR is $\geq 0.80\text{ W/kg}$, the measurement was repeated once.

10.2 Measured SAR Results

Note:

1. The value with blue color is the maximum SAR Value of each test band.
2. For GSM, when multiple slots are used, SAR should be tested to account for the maximum source-based time-averaged output power.
3. For WCDMA, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.
4. For LTE, QPSK with 100% RB allocation, SAR is required when and the highest reported SAR for 1 RB and 50% RB allocation in are $\geq 50\%$ limit(1g).
5. Per 248227, for band U-NII-1 and U-NII-2A, when the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.
6. The highest reported SAR for a test configuration is > 1.2 W/kg, SAR is required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR. Since the band U-NII-2A does not support hotspot function, hotspot SAR for U-NII-1 is required.
7. Per KDB Publication 248227 D01, the simultaneous SAR provisions in KDB Publication 447498 D01 should be applied to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6 W/kg, no additional SAR measurements for MIMO are required. Alternatively, SAR for MIMO can be measured with all antennas transmitting simultaneously at the specified maximum output power of MIMO operation. When 10g S/AR measurement is considered, a factor of 2.5 is applied to the thresholds above.

Body-worn and Hotspot SAR

Band	Antenna	Test Position	Dist. (mm)	Mode	Power Reduction	RB	Offset	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR1g (W/Kg)	Power Drift (dB)	Scaling Factor	Report SAR1g (W/kg)	Plot No.
GSM850	ANT0	Back Side	10	2TX	N/A	N/A	N/A	190/836.6	31.50	30.43	0.417	0.100	1.28	0.534	15
		Front Side	10	2TX	N/A	N/A	N/A	190/836.6	31.50	30.43	0.278	0.139	1.28	0.356	/
		Left Edge	10	2TX	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	2TX	N/A	N/A	N/A	190/836.6	31.50	30.43	0.137	0.069	1.28	0.175	/
		Top Edge	10	2TX	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	2TX	N/A	N/A	N/A	190/836.6	31.50	30.43	0.229	0.045	1.28	0.293	/
GSM1900	ANT0	Back Side	10	4TX	N/A	N/A	N/A	661/1880	26.00	25.18	0.723	0.072	1.21	0.873	/
		Back Side	10	4TX	N/A	N/A	N/A	512/1850.2	26.00	25.24	0.671	0.059	1.19	0.799	/
		Back Side	10	4TX	N/A	N/A	N/A	810/1909.8	26.00	25.30	0.683	0.018	1.17	0.802	/
		Front Side	10	4TX	N/A	N/A	N/A	661/1880	26.00	25.18	0.334	0.027	1.21	0.403	/
		Left Edge	10	4TX	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	4TX	N/A	N/A	N/A	661/1880	26.00	25.18	0.195	0.031	1.21	0.236	/
		Top Edge	10	4TX	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

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		Bottom Edge	10	4TX	N/A	N/A	N/A	661/1880	26.00	25.18	0.954	0.066	1.21	1.152	16
		Bottom Edge Repeat	10	4TX	N/A	N/A	N/A	661/1880	26.00	25.18	0.938	0.010	1.21	1.133	/
		Bottom Edge	10	4TX	N/A	N/A	N/A	512/1850.2	26.00	25.24	0.823	0.072	1.19	0.980	/
		Bottom Edge	10	4TX	N/A	N/A	N/A	810/1909.8	26.00	25.30	0.827	-0.026	1.17	0.972	/
WCDMA II	ANTO	Back Side	10	RMC	N/A	N/A	N/A	9400/1880	21.50	20.78	0.580	0.020	1.18	0.685	/
		Front Side	10	RMC	N/A	N/A	N/A	9400/1880	21.50	20.78	0.270	0.063	1.18	0.319	/
		Left Edge	10	RMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	RMC	N/A	N/A	N/A	9400/1880	21.50	20.78	0.150	0.018	1.18	0.177	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	RMC	N/A	N/A	N/A	9400/1880	21.50	20.78	0.670	0.066	1.18	0.791	17
WCDMA IV	ANTO	Back Side	10	RMC	N/A	N/A	N/A	1413/1732.6	24.00	22.93	0.589	0.035	1.28	0.754	/
		Front Side	10	RMC	N/A	N/A	N/A	1413/1732.6	24.00	22.93	0.456	0.019	1.28	0.583	/
		Left Edge	10	RMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	RMC	N/A	N/A	N/A	1413/1732.6	24.00	22.93	0.137	0.021	1.28	0.175	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	RMC	N/A	N/A	N/A	1413/1732.6	24.00	22.93	0.688	-0.010	1.28	0.880	/
		Bottom Edge	10	RMC	N/A	N/A	N/A	1312/1712.4	24.00	23.27	0.579	0.010	1.18	0.685	/
		Bottom Edge	10	RMC	N/A	N/A	N/A	1513/1752.6	24.00	22.85	0.767	0.031	1.30	1.000	18
WCDMA V	ANTO	Back Side	10	RMC	N/A	N/A	N/A	4183/836.6	24.50	23.71	0.416	0.110	1.20	0.499	19
		Front Side	10	RMC	N/A	N/A	N/A	4183/836.6	24.50	23.71	0.324	0.040	1.20	0.389	/
		Left Edge	10	RMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	RMC	N/A	N/A	N/A	4183/836.6	24.50	23.71	0.142	-0.030	1.20	0.170	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	RMC	N/A	N/A	N/A	4183/836.6	24.50	23.71	0.283	0.020	1.20	0.339	/
LTE 7	ANTO	Back Side	10	QPSK	N/A	1	99	20850/2510	20.50	19.45	0.448	0.031	1.27	0.571	20
			10	QPSK	N/A	50%	25	20850/2510	19.50	18.52	0.394	0.039	1.25	0.494	/
		Front Side	10	QPSK	N/A	1	99	20850/2510	20.50	19.45	0.174	0.022	1.27	0.222	/
			10	QPSK	N/A	50%	25	20850/2510	19.50	18.52	0.151	0.100	1.25	0.189	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	99	20850/2510	20.50	19.45	0.251	-0.057	1.27	0.320	/
			10	QPSK	N/A	50%	25	20850/2510	19.50	18.52	0.265	0.032	1.25	0.332	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	99	20850/2510	20.50	19.45	0.284	0.060	1.27	0.362	/
			10	QPSK	N/A	50%	25	20850/2510	19.50	18.52	0.229	0.035	1.25	0.287	/
LTE 12	ANTO	Back Side	10	QPSK	N/A	1	49	23130/711	25.00	24.10	0.207	0.020	1.23	0.255	21
			10	QPSK	N/A	50%	25	23060/704	24.00	23.13	0.176	0.036	1.22	0.215	/
		Front Side	10	QPSK	N/A	1	49	23130/711	25.00	24.10	0.148	0.090	1.23	0.182	/
			10	QPSK	N/A	50%	25	23060/704	24.00	23.13	0.138	0.070	1.22	0.169	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

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		Right Edge	10	QPSK	N/A	1	49	23130/711	25.00	24.10	0.078	0.077	1.23	0.096	/
			10	QPSK	N/A	50%	25	23060/704	24.00	23.13	0.060	0.032	1.22	0.073	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	49	23130/711	25.00	24.10	0.104	0.039	1.23	0.128	/
			10	QPSK	N/A	50%	25	23060/704	24.00	23.13	0.098	-0.063	1.22	0.120	/
LTE 13	ANT0	Back Side	10	QPSK	N/A	1	25	23230/782	25.00	24.14	0.355	0.022	1.22	0.433	22
			10	QPSK	N/A	50%	25	23230/782	24.00	23.31	0.292	0.085	1.17	0.342	/
		Front Side	10	QPSK	N/A	1	25	23230/782	25.00	24.14	0.261	0.045	1.22	0.318	/
			10	QPSK	N/A	50%	25	23230/782	24.00	23.31	0.213	0.036	1.17	0.250	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	25	23230/782	25.00	24.14	0.114	0.015	1.22	0.139	/
			10	QPSK	N/A	50%	25	23230/782	24.00	23.31	0.095	0.045	1.17	0.111	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	25	23230/782	25.00	24.14	0.207	0.198	1.22	0.252	/
			10	QPSK	N/A	50%	25	23230/782	24.00	23.31	0.179	0.090	1.17	0.210	/
LTE 25	ANT0	Back Side	10	QPSK	N/A	1	50	26140/1860	22.00	20.87	0.487	0.170	1.30	0.632	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.426	0.049	1.21	0.516	/
		Front Side	10	QPSK	N/A	1	50	26140/1860	22.00	20.87	0.203	-0.030	1.30	0.263	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.184	0.160	1.21	0.223	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	50	26140/1860	22.00	20.87	0.131	0.028	1.30	0.170	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.108	0.120	1.21	0.131	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	50	26140/1860	22.00	20.87	0.539	0.061	1.30	0.699	23
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.453	0.028	1.21	0.548	/
LTE 26	ANT0	Back Side	10	QPSK	N/A	1	0	26865/831.5	25.00	23.42	0.352	0.021	1.44	0.506	24
			10	QPSK	N/A	50%	39	26865/831.5	24.00	22.53	0.314	0.020	1.40	0.440	/
		Front Side	10	QPSK	N/A	1	0	26865/831.5	25.00	23.42	0.231	0.010	1.44	0.332	/
			10	QPSK	N/A	50%	39	26865/831.5	24.00	22.53	0.242	0.030	1.40	0.339	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	0	26865/831.5	25.00	23.42	0.099	0.130	1.44	0.142	/
			10	QPSK	N/A	50%	39	26865/831.5	24.00	22.53	0.083	0.045	1.40	0.116	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	0	26865/831.5	25.00	23.42	0.206	-0.047	1.44	0.296	/
			10	QPSK	N/A	50%	39	26865/831.5	24.00	22.53	0.209	-0.050	1.40	0.293	/
LTE 41	ANT0	Back Side	10	QPSK	N/A	1	0	39750/2506	24.00	23.31	0.484	0.053	1.17	0.567	25

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LTE 66	ANT0	Front Side	10	QPSK	N/A	50%	25	39750/2506	23.00	22.45	0.424	0.100	1.14	0.481	/
			10	QPSK	N/A	1	0	39750/2506	24.00	23.31	0.199	0.026	1.17	0.233	/
			10	QPSK	N/A	50%	25	39750/2506	23.00	22.45	0.178	0.033	1.14	0.202	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	0	39750/2506	24.00	23.31	0.370	0.047	1.17	0.434	/
			10	QPSK	N/A	50%	25	39750/2506	23.00	22.45	0.312	0.130	1.14	0.354	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	0	39750/2506	24.00	23.31	0.318	-0.025	1.17	0.373	/
			10	QPSK	N/A	50%	25	39750/2506	23.00	22.45	0.266	0.018	1.14	0.302	/
		Back Side	10	QPSK	N/A	1	0	132572/1770	24.50	23.94	0.732	-0.060	1.14	0.833	/
			10	QPSK	N/A	1	0	132072/1720	24.50	23.61	0.765	-0.080	1.23	0.939	/
			10	QPSK	N/A	1	0	132322/1745	24.50	23.79	0.712	0.036	1.18	0.838	/
			10	QPSK	N/A	50%	25	132572/1770	23.50	22.91	0.614	0.028	1.15	0.703	/
		Front Side	10	QPSK	N/A	1	0	132572/1770	24.50	23.94	0.489	0.010	1.14	0.556	/
			10	QPSK	N/A	50%	25	132572/1770	23.50	22.91	0.414	0.015	1.15	0.474	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	0	132572/1770	24.50	23.94	0.334	0.013	1.14	0.380	/
			10	QPSK	N/A	50%	25	132572/1770	23.50	22.91	0.260	0.027	1.15	0.298	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
LTE 66	ANT0	Bottom Edge	10	QPSK	N/A	1	0	132572/1770	24.50	23.94	0.849	0.050	1.14	0.966	26
			10	QPSK	N/A	1	0	132072/1720	24.50	23.61	0.640	0.049	1.23	0.786	/
			10	QPSK	N/A	1	0	132322/1745	24.50	23.79	0.785	0.031	1.18	0.924	/
			10	QPSK	N/A	50%	25	132572/1770	23.50	22.91	0.694	0.027	1.15	0.795	/
			10	QPSK	N/A	100%	0	132572/1770	23.50	22.90	0.630	0.020	1.15	0.723	/
		Bottom Edge Repeat	10	QPSK	N/A	1	0	132572/1770	24.50	23.94	0.812	-0.030	1.14	0.924	/

Band	Antenna	Test Position	Dist. (mm)	Type	Mode	Power Reduction	RB	offset	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR1g (W/Kg)	Power Drift (dB)	Scaling Factor	Report SAR1g (W/kg)	Plot No.
n12	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	141300/706.5	24.00	23.30	0.159	-0.020	1.17	0.187	27
			10		DFT-s-OFDM QPSK	N/A	50%	18	141300/706.5	24.00	23.15	0.127	0.011	1.22	0.154	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	141300/706.5	24.00	23.30	0.121	-0.090	1.17	0.142	/
			10		DFT-s-OFDM QPSK	N/A	50%	18	141300/706.5	24.00	23.15	0.128	0.026	1.22	0.156	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	1	141300/706.5	24.00	23.30	0.105	-0.010	1.17	0.123	/
			10		DFT-s-OFDM QPSK	N/A	50%	18	141300/706.5	24.00	23.15	0.110	-0.038	1.22	0.134	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

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		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	1	1	141300/706.5	24.00	23.30	0.101	-0.010	1.17	0.119	/
			10		DFT-s-OFDM QPSK	N/A	50%	18	141300/706.5	24.00	23.15	0.095	-0.030	1.22	0.116	/
n13	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	50	156400/782	24.50	23.55	0.194	0.190	1.24	0.241	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	156400/782	24.50	23.45	0.200	0.030	1.27	0.255	28
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	50	156400/782	24.50	23.55	0.140	0.040	1.24	0.174	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	156400/782	24.50	23.45	0.147	0.020	1.27	0.187	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	50	156400/782	24.50	23.55	0.088	0.030	1.24	0.110	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	156400/782	24.50	23.45	0.090	0.020	1.27	0.115	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	50	156400/782	24.50	23.55	0.145	0.020	1.24	0.180	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	156400/782	24.50	23.45	0.145	0.150	1.27	0.185	/
n25	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	381000/1905	20.50	19.68	0.538	0.100	1.21	0.650	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	376500/1882.5	20.50	19.74	0.514	0.026	1.19	0.612	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	381000/1905	20.50	19.68	0.336	0.051	1.21	0.406	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	376500/1882.5	20.50	19.74	0.354	-0.070	1.19	0.422	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	1	381000/1905	20.50	19.68	0.378	0.032	1.21	0.457	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	376500/1882.5	20.50	19.74	0.332	0.061	1.19	0.395	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	381000/1905	20.50	19.68	0.543	0.038	1.21	0.656	29
			10		DFT-s-OFDM QPSK	N/A	50%	25	376500/1882.5	20.50	19.74	0.519	0.027	1.19	0.618	/
n26	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	167300/836.5	24.00	23.35	0.344	0.010	1.16	0.400	30
			10		DFT-s-OFDM QPSK	N/A	50%	25	166800/834	24.00	23.25	0.306	0.037	1.19	0.364	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	167300/836.5	24.00	23.35	0.243	-0.080	1.16	0.282	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	166800/834	24.00	23.25	0.272	0.014	1.19	0.323	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	1	167300/836.5	24.00	23.35	0.217	-0.028	1.16	0.252	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	166800/834	24.00	23.25	0.159	0.040	1.19	0.189	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	167300/836.5	24.00	23.35	0.215	0.042	1.16	0.250	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	166800/834	24.00	23.25	0.194	0.080	1.19	0.231	/
n30	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	462000/2310	23.00	21.83	0.577	0.014	1.31	0.755	31
			10		DFT-s-OFDM QPSK	N/A	50%	12	462000/2310	23.00	21.75	0.561	0.023	1.33	0.748	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	462000/2310	23.00	21.83	0.301	0.010	1.31	0.394	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	462000/2310	23.00	21.75	0.280	-0.011	1.33	0.373	/

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		Left Edge	10	SA	DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	1	462000/2310	23.00	21.83	0.213	0.020	1.31	0.279	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	462000/2310	23.00	21.75	0.211	0.039	1.33	0.281	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	462000/2310	23.00	21.83	0.528	0.048	1.31	0.691	/
			10		DFT-s-OFDM QPSK	N/A	50%	12	462000/2310	23.00	21.75	0.521	-0.070	1.33	0.695	/
n41	ANT1	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	21.50	20.78	0.417	-0.020	1.18	0.492	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	21.50	20.73	0.398	0.100	1.19	0.475	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	21.50	20.78	0.390	0.028	1.18	0.460	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	21.50	20.73	0.377	0.033	1.19	0.450	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	21.50	20.78	0.426	0.150	1.18	0.503	32
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	21.50	20.73	0.405	-0.108	1.19	0.484	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	21.50	20.78	0.159	0.026	1.18	0.188	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	21.50	20.73	0.150	0.040	1.19	0.179	/
n66	ANT0	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	349000/1745	23.00	22.22	0.613	0.039	1.20	0.734	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	354000/1770	23.00	22.12	0.641	0.025	1.22	0.785	33
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	349000/1745	23.00	22.22	0.451	0.010	1.20	0.540	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	354000/1770	23.00	22.12	0.483	0.180	1.22	0.591	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	1	349000/1745	23.00	22.22	0.385	-0.020	1.20	0.461	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	354000/1770	23.00	22.12	0.541	0.038	1.22	0.663	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	0.024	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	349000/1745	23.00	22.22	0.631	0.021	1.20	0.755	/
			10		DFT-s-OFDM QPSK	N/A	50%	25	354000/1770	23.00	22.12	0.625	0.019	1.22	0.765	/
n77	ANT6	Back Side	10	SA	DFT-s-OFDM QPSK	N/A	1	1	650000/3750	22.00	21.20	0.569	0.021	1.20	0.684	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	22.00	21.04	0.648	-0.070	1.25	0.808	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	656000/3840	22.00	21.02	0.679	0.140	1.25	0.851	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	662000/3930	22.00	21.02	0.717	0.095	1.25	0.899	34
			10		DFT-s-OFDM QPSK	N/A	100%	0	650000/3750	22.00	21.19	0.582	0.022	1.21	0.701	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	650000/3750	22.00	21.20	0.242	0.038	1.20	0.291	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	22.00	21.04	0.256	0.015	1.25	0.319	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	1	650000/3750	22.00	21.20	0.341	0.027	1.20	0.410	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	22.00	21.04	0.376	0.043	1.25	0.469	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/

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	Top Edge	10	DFT-s-OFDM QPSK	N/A	1	1	650000/3750	22.00	21.20	0.568	0.042	1.20	0.683	/
		10	DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	22.00	21.04	0.637	0.010	1.25	0.795	/
	Bottom Edge	10	DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/
		10	DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	/

Band	Antenna	Test Position	Dist. (mm)	Mode	Duty Cycle	Power Reduction	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR1g (W/Kg)	Power Drift (dB)	Scaling Factor	Report SAR1g (W/kg)	Plot No.
Wi-Fi 2.4G	Ant 3	Back Side	10	802.11b	98%	N/A	1/2412	16.00	15.32	0.179	0.080	1.19	0.214	/
		Front Side	10	802.11b	98%	N/A	1/2412	16.00	15.32	0.035	0.060	1.19	0.042	/
		Left Edge	10	802.11b	98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	802.11b	98%	N/A	1/2412	16.00	15.32	0.054	0.027	1.19	0.064	/
		Top Edge	10	802.11b	98%	N/A	1/2412	16.00	15.32	0.025	0.012	1.19	0.030	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	Ant 2	Back Side	10	802.11b	98%	N/A	1/2412	16.00	15.22	0.192	0.096	1.22	0.234	35
		Front Side	10	802.11b	98%	N/A	1/2412	16.00	15.22	0.075	0.037	1.22	0.092	/
		Left Edge	10	802.11b	98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	802.11b	98%	N/A	1/2412	16.00	15.22	0.073	0.030	1.22	0.089	/
		Top Edge	10	802.11b	98%	N/A	1/2412	16.00	15.22	0.095	0.014	1.22	0.116	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	MIMO	Back Side	10	802.11b	98%	N/A	1/2412	19.00	18.28	0.167	0.026	1.20	0.201	/
Wi-Fi 5G U-NII-1	Ant 3	Back Side	10	802.11a	100%	N/A	36/5180	11.00	10.15	0.156	0.070	1.22	0.190	/
		Front Side	10	802.11a	100%	N/A	36/5180	11.00	10.15	0.031	-0.015	1.22	0.038	/
		Left Edge	10	802.11a	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	802.11a	100%	N/A	36/5180	11.00	10.15	0.114	0.047	1.22	0.139	/
		Top Edge	10	802.11a	100%	N/A	36/5180	11.00	10.15	0.048	0.024	1.22	0.058	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	Ant 2	Back Side	10	802.11a	100%	N/A	36/5180	12.00	11.33	0.078	0.039	1.17	0.091	/
		Front Side	10	802.11a	100%	N/A	36/5180	12.00	11.33	0.076	0.038	1.17	0.089	/
		Left Edge	10	802.11a	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	802.11a	100%	N/A	36/5180	12.00	11.33	0.035	0.170	1.17	0.041	/
		Top Edge	10	802.11a	100%	N/A	36/5180	12.00	11.33	0.072	0.036	1.17	0.084	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
Wi-Fi 5G U-NII-3	Ant 3	Back Side	10	802.11a	100%	N/A	157/5785	12.00	11.72	0.265	0.050	1.07	0.283	36
		Front Side	10	802.11a	100%	N/A	157/5785	12.00	11.72	0.029	0.014	1.07	0.031	/
		Left Edge	10	802.11a	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	802.11a	100%	N/A	157/5785	12.00	11.72	0.221	0.011	1.07	0.235	/
		Top Edge	10	802.11a	100%	N/A	157/5785	12.00	11.72	0.053	0.026	1.07	0.057	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	Ant 2	Back Side	10	802.11a	100%	N/A	149/5745	10.50	9.21	0.120	0.060	1.35	0.162	/
		Front Side	10	802.11a	100%	N/A	149/5745	10.50	9.21	0.095	-0.040	1.35	0.128	/
		Left Edge	10	802.11a	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

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Bluetooth	MIMO	Right Edge	10	802.11a	100%	N/A	149/5745	10.50	9.21	0.032	0.016	1.35	0.043	/
		Top Edge	10	802.11a	100%	N/A	149/5745	10.50	9.21	0.136	0.080	1.35	0.183	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	BT	Back Side	10	802.11a	100%	N/A	157/5785	14.50	13.52	0.215	0.011	1.25	0.269	/
		Back Side	10	DH5	77.0%	N/A	0/2402	13.00	11.08	0.042	0.015	2.02	0.085	37
		Front Side	10	DH5	77.0%	N/A	0/2402	13.00	11.08	0.031	0.068	2.02	0.063	/
		Left Edge	10	DH5	77.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	DH5	77.0%	N/A	0/2402	13.00	11.08	0.001	0.039	2.02	0.002	/
		Top Edge	10	DH5	77.0%	N/A	0/2402	13.00	11.08	0.034	0.021	2.02	0.069	/
		Bottom Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

ENDC Calculation SAR:

Band	Antenna	Test Position	Dist. (mm)	Mode	Power Reduction	RB	Offset	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR1g (W/Kg)	Scaling Factor	Report SAR1g (W/kg)	Plot No.
LTE 25	ANTO	Back Side	10	QPSK	N/A	1	50	26140/1860	21.00	20.87	0.487	1.03	0.502	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.426	1.21	0.516	/
		Front Side	10	QPSK	N/A	1	50	26140/1860	21.00	20.87	0.203	1.03	0.209	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.184	1.21	0.223	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	50	26140/1860	21.00	20.87	0.131	1.03	0.135	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.108	1.21	0.131	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	50	26140/1860	21.00	20.87	0.539	1.03	0.555	/
			10	QPSK	N/A	50%	50	26140/1860	21.00	20.17	0.453	1.21	0.548	/
LTE 66	ANTO	Back Side	10	QPSK	N/A	1	0	132572/1770	22.00	23.94	0.732	0.64	0.468	/
			10	QPSK	N/A	1	0	132072/1720	22.00	23.61	0.765	0.69	0.528	/
			10	QPSK	N/A	1	0	132322/1745	22.00	23.79	0.712	0.66	0.471	/
			10	QPSK	N/A	50%	25	132572/1770	22.00	22.91	0.614	0.81	0.498	/
		Front Side	10	QPSK	N/A	1	0	132572/1770	22.00	23.94	0.489	0.64	0.313	/
			10	QPSK	N/A	50%	25	132572/1770	22.00	22.91	0.414	0.81	0.336	/
		Left Edge	10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	QPSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	10	QPSK	N/A	1	0	132572/1770	22.00	23.94	0.334	0.64	0.214	/
			10	QPSK	N/A	50%	25	132572/1770	22.00	22.91	0.260	0.81	0.211	/
		Top Edge	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10	QPSK	N/A	1	0	132572/1770	22.00	23.94	0.849	0.64	0.543	/
			10	QPSK	N/A	1	0	132072/1720	22.00	23.61	0.640	0.69	0.442	/
			10	QPSK	N/A	1	0	132322/1745	22.00	23.79	0.785	0.66	0.520	/
			10	QPSK	N/A	50%	25	132572/1770	22.00	22.91	0.694	0.81	0.563	/

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			10	QPSK	N/A	100%	0	132572/1770	22.00	22.90	0.630	0.81	0.512	/
		Bottom Edge Repeat	10	QPSK	N/A	1	0	132572/1770	22.00	23.94	0.812	0.64	0.519	/

Band	Antenna	Test Position	Dist. (mm)	Type	Mode	Power Reduction	RB	offset	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR1g (W/Kg)	Scaling Factor	Report SAR1g (W/kg)	Plot No.
n41	ANT1	Back Side	10	NSA	DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	20.00	20.78	0.417	0.84	0.348	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	20.00	20.73	0.398	0.85	0.336	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	20.00	20.78	0.390	0.84	0.326	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	20.00	20.73	0.377	0.85	0.319	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	20.00	20.78	0.426	0.84	0.356	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	20.00	20.73	0.405	0.85	0.342	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	1	518598/2592.99	20.00	20.78	0.159	0.84	0.133	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	509202/2546.01	20.00	20.73	0.150	0.85	0.127	/
n77	ANT6	Back Side	10	NSA	DFT-s-OFDM QPSK	N/A	1	1	650000/3750	19.00	21.20	0.569	0.60	0.343	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	19.00	21.04	0.648	0.63	0.405	/
		Front Side	10		DFT-s-OFDM QPSK	N/A	1	1	650000/3750	19.00	21.20	0.242	0.60	0.146	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	19.00	21.04	0.256	0.63	0.160	/
		Left Edge	10		DFT-s-OFDM QPSK	N/A	1	1	650000/3750	19.00	21.20	0.341	0.60	0.205	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	19.00	21.04	0.376	0.63	0.235	/
		Right Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Top Edge	10		DFT-s-OFDM QPSK	N/A	1	1	650000/3750	19.00	21.20	0.568	0.60	0.342	/
			10		DFT-s-OFDM QPSK	N/A	50%	67	650000/3750	19.00	21.04	0.637	0.63	0.398	/
		Bottom Edge	10		DFT-s-OFDM QPSK	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
			10		DFT-s-OFDM QPSK	N/A	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

Product-specific 10g SAR

Band	Antenna	Test Position	Dist. (mm)	Mode	Duty Cycle	Power Reduction	Ch./Freq. (MHz)	Tune-up (dBm)	Measured power (dBm)	Measured SAR10g (W/Kg)	Power Drift (dB)	Scaling Factor	Report SAR10g (W/kg)	Plot No.
Wi-Fi 5G U-NII-2A	Ant 3	Back Side	0	802.11a	100.0%	N/A	64/5320	11.00	10.23	0.319	0.038	1.19	0.381	/
		Front Side	0	802.11a	100.0%	N/A	64/5320	11.00	10.23	0.067	0.090	1.19	0.080	/
		Left Edge	0	802.11a	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	0	802.11a	100.0%	N/A	64/5320	11.00	10.23	0.265	0.025	1.19	0.316	/
		Top Edge	0	802.11a	100.0%	N/A	64/5320	11.00	10.23	0.069	0.100	1.19	0.082	/
		Bottom Edge	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	Ant 2	Back Side	0	802.11a	100.0%	N/A	52/5260	12.00	11.00	0.265	0.018	1.26	0.334	/
		Front Side	0	802.11a	100.0%	N/A	52/5260	12.00	11.00	0.199	-0.040	1.26	0.251	/
		Left Edge	0	802.11a	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	0	802.11a	100.0%	N/A	52/5260	12.00	11.00	0.114	0.060	1.26	0.144	/
		Top Edge	0	802.11a	100.0%	N/A	52/5260	12.00	11.00	0.190	0.090	1.26	0.239	/
		Bottom Edge	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
Wi-Fi 5G U-NII-2C	Ant 3	Back Side	0	802.11a	100.0%	N/A	100/5500	12.00	11.18	0.290	0.037	1.21	0.350	/
		Front Side	0	802.11a	100.0%	N/A	100/5500	12.00	11.18	0.057	0.021	1.21	0.069	/
		Left Edge	0	802.11a	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	0	802.11a	100.0%	N/A	100/5500	12.00	11.18	0.153	0.044	1.21	0.185	/
		Top Edge	0	802.11a	100.0%	N/A	100/5500	12.00	11.18	0.045	0.050	1.21	0.054	/
		Bottom Edge	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
	Ant 2	Back Side	0	802.11a	100.0%	N/A	116/5580	12.00	11.09	0.300	0.041	1.23	0.370	/
		Front Side	0	802.11a	100.0%	N/A	116/5580	12.00	11.09	0.429	0.012	1.23	0.529	/
		Left Edge	0	802.11a	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/
		Right Edge	0	802.11a	100.0%	N/A	116/5580	12.00	11.09	0.189	0.024	1.23	0.233	/
		Top Edge	0	802.11a	100.0%	N/A	116/5580	12.00	11.09	0.431	-0.045	1.23	0.531	38
		Bottom Edge	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	/

10.3 Simultaneous Transmission Analysis

Simultaneous Transmission Configurations	Body-worn	Hotspot	Extremity
Wi-Fi 2.4GHz ANT3 + Wi-Fi 5GHz ANT2	Yes	Yes	Yes
Wi-Fi 2.4GHz ANT2 + Bluetooth ANT2	Yes	Yes	Yes
Wi-Fi 5GHz ANT3 + Bluetooth ANT2	Yes	Yes	Yes
Wi-Fi 5GHz ANT2 + Bluetooth ANT2	Yes	Yes	Yes
Wi-Fi 2.4GHz ANT3 + Wi-Fi 5GHz ANT2 + Bluetooth ANT3	Yes	Yes	Yes
WWAN + Wi-Fi 2.4GHz ANT3 + Wi-Fi 5GHz ANT2	Yes	Yes	Yes
WWAN + Wi-Fi 2.4GHz ANT2 + Bluetooth ANT2	Yes	Yes	Yes
WWAN + Wi-Fi 5GHz ANT3 + Bluetooth ANT2	Yes	Yes	Yes
WWAN + Wi-Fi 5GHz ANT2 + Bluetooth ANT2	Yes	Yes	Yes
WWAN + Wi-Fi 2.4GHz ANT3 + Wi-Fi 5GHz ANT2 + Bluetooth ANT3	Yes	Yes	Yes

General Note:

1. The Scaled SAR summation is calculated based on the same configuration and test position.
2. Per KDB 447498 D01, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation $< 1.6\text{W/kg}$, simultaneously transmission SAR measurement is not necessary.
 - ii) $\text{SPLSR} = (\text{SAR1} + \text{SAR2})^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

The Maximum SAR_{1g} Value for WWAN Antenna

Test Position \ SAR _{1g} (W/kg)		GSM 850	GSM 1900	WCDMA Band II	WCDMA Band VI	WCDMA Band V	LTE FDD 7	LTE FDD 12/17	LTE FDD 13	LTE FDD 2/25	LTE FDD 5/26	LTE TDD 41	LTE FDD 4/66	GSM/ WCDMA/ LTE Max.
Antenna		ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	ANT0	SAR _{1g}
Body worn	Back Side	0.534	0.873	0.685	0.754	0.499	0.571	0.255	0.433	0.632	0.506	0.567	0.939	0.939
	Front Side	0.356	0.403	0.319	0.583	0.389	0.222	0.182	0.318	0.263	0.339	0.233	0.556	0.583
Hotspot	Back Side	0.534	0.873	0.685	0.754	0.499	0.571	0.255	0.433	0.632	0.506	0.567	0.939	0.939
	Front Side	0.356	0.403	0.319	0.583	0.389	0.222	0.182	0.318	0.263	0.339	0.233	0.556	0.583
	Left Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Right Edge	0.175	0.236	0.177	0.175	0.170	0.332	0.096	0.139	0.170	0.142	0.434	0.380	0.434
	Top Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Bottom Edge	0.293	1.152	0.791	1.000	0.339	0.362	0.128	0.252	0.699	0.296	0.373	0.966	1.152
Product-specific 10g SAR	Back Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Front Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Left Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Right Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Top Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Bottom Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000

ENDC	Position		LTE	NSA	EN-DC SAR _{1g}
DC_12A_n41A	Body-worn	Back Side	0.255	0.348	0.603
		Front Side	0.182	0.326	0.508
DC_25A_n41A	Body-worn	Back Side	0.516	0.348	0.864
		Front Side	0.223	0.326	0.549
DC_26A_n41A	Body-worn	Back Side	0.506	0.348	0.855
		Front Side	0.339	0.326	0.665
DC_66A_n41A	Body-worn	Back Side	0.528	0.348	0.876
		Front Side	0.336	0.326	0.662
DC_5A_n77A	Body-worn	Back Side	0.506	0.405	0.912
		Front Side	0.339	0.160	0.500
DC_7A_n77A	Body-worn	Back Side	0.571	0.405	0.976
		Front Side	0.222	0.160	0.382
DC_12A_n77A	Body-worn	Back Side	0.255	0.405	0.660
		Front Side	0.182	0.160	0.342
DC_13A_n77A	Body-worn	Back Side	0.433	0.405	0.838
		Front Side	0.318	0.160	0.478
DC_25A_n77A	Body-worn	Back Side	0.516	0.405	0.921
		Front Side	0.223	0.160	0.383
DC_66A_n77A	Body-worn	Back Side	0.528	0.405	0.933
		Front Side	0.336	0.160	0.496

DC_26A _n78A	Body-worn	Back Side	0.506	0.405	0.912
		Front Side	0.339	0.160	0.500
DC_12A _n41A	Hotspot	Back Side	0.255	0.348	0.603
		Front Side	0.182	0.326	0.508
		Left Edge	0.000	0.000	0.000
		Right Edge	0.096	0.356	0.452
		Top Edge	0.000	0.000	0.000
		Bottom Edge	0.128	0.133	0.261
DC_25A _n41A	Hotspot	Back Side	0.516	0.348	0.864
		Front Side	0.223	0.326	0.549
		Left Edge	0.000	0.000	0.000
		Right Edge	0.135	0.356	0.491
		Top Edge	0.000	0.000	0.000
		Bottom Edge	0.555	0.133	0.688
DC_26A _n41A	Hotspot	Back Side	0.506	0.348	0.855
		Front Side	0.339	0.326	0.665
		Left Edge	0.000	0.000	0.000
		Right Edge	0.142	0.356	0.498
		Top Edge	0.000	0.000	0.000
		Bottom Edge	0.296	0.133	0.429
DC_66A _n41A	Hotspot	Back Side	0.528	0.348	0.876
		Front Side	0.336	0.326	0.662
		Left Edge	0.000	0.000	0.000
		Right Edge	0.214	0.356	0.570
		Top Edge	0.000	0.000	0.000
		Bottom Edge	0.563	0.133	0.696
DC_5A _n77A	Hotspot	Back Side	0.506	0.405	0.912
		Front Side	0.339	0.160	0.500
		Left Edge	0.000	0.235	0.235
		Right Edge	0.142	0.000	0.142
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.296	0.000	0.296
DC_7A _n77A	Hotspot	Back Side	0.571	0.405	0.976
		Front Side	0.222	0.160	0.382
		Left Edge	0.000	0.235	0.235
		Right Edge	0.332	0.000	0.332
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.362	0.000	0.362
DC_12A _n77A	Hotspot	Back Side	0.255	0.405	0.660
		Front Side	0.182	0.160	0.342
		Left Edge	0.000	0.235	0.235
		Right Edge	0.096	0.000	0.096
		Top Edge	0.000	0.398	0.398

		Bottom Edge	0.128	0.000	0.128
DC_13A _n77A	Hotspot	Back Side	0.433	0.405	0.838
		Front Side	0.318	0.160	0.478
		Left Edge	0.000	0.235	0.235
		Right Edge	0.139	0.000	0.139
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.252	0.000	0.252
DC_25A _n77A	Hotspot	Back Side	0.516	0.405	0.921
		Front Side	0.223	0.160	0.383
		Left Edge	0.000	0.235	0.235
		Right Edge	0.135	0.000	0.135
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.555	0.000	0.555
DC_66A _n77A	Hotspot	Back Side	0.528	0.405	0.933
		Front Side	0.336	0.160	0.496
		Left Edge	0.000	0.235	0.235
		Right Edge	0.214	0.000	0.214
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.563	0.000	0.563
DC_26A _n78A	Hotspot	Back Side	0.506	0.405	0.912
		Front Side	0.339	0.160	0.500
		Left Edge	0.000	0.235	0.235
		Right Edge	0.142	0.000	0.142
		Top Edge	0.000	0.398	0.398
		Bottom Edge	0.296	0.000	0.296

SAR _{1g} (W/kg)		n12	n13	N2/25	N5/26	n30	N38/41	n66	n77/78	ENDC MAX	NR MAX.
Test Position		ANT0	ANT0	ANT0	ANT0	ANT0	ANT1	ANT0	ANT6	SAR _{1g}	SAR _{1g}
Body worn	Back Side	0.187	0.255	0.650	0.400	0.755	0.492	0.785	0.899	0.976	0.899
	Front Side	0.156	0.187	0.422	0.323	0.394	0.460	0.591	0.319	0.665	0.591
Hotspot	Back Side	0.187	0.255	0.650	0.400	0.755	0.492	0.785	0.899	0.976	0.899
	Front Side	0.156	0.187	0.422	0.323	0.394	0.460	0.591	0.319	0.665	0.591
	Left Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.469	0.235	0.469
	Right Edge	0.134	0.115	0.457	0.252	0.281	0.503	0.663	N/A	0.570	0.663
	Top Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.795	0.398	0.795
	Bottom Edge	0.119	0.185	0.656	0.250	0.695	0.188	0.765	N/A	0.696	0.765
Product-specific 10g SAR	Back Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Front Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Left Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Right Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Top Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	Bottom Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000

The Maximum SAR_{1g/10g} Value for WLAN Antenna

SAR _{1g/10g} (W/kg)		Wi-Fi 2.4G				Wi-Fi 5G												
		ANT3	ANT2	MIMO	MAX.	U-NII-1			U-NII-2A			U-NII-2C			U-NII-3			MAX.
						ANT3	ANT2	MIMO	ANT3	ANT2	MIMO	ANT3	ANT2	MIMO	ANT3	ANT2	MIMO	
Antenna																		
Body worn	Back Side	0.214	0.234	0.201	0.234	0.190	0.091	0.281	N/A	N/A	N/A	N/A	N/A	N/A	0.283	0.162	0.269	0.283
	Front Side	0.042	0.092	0.133	0.133	0.038	0.089	0.126	N/A	N/A	N/A	N/A	N/A	N/A	0.031	0.128	0.159	0.159
Hotspot	Back Side	0.214	0.234	0.201	0.234	0.190	0.091	0.281	N/A	N/A	N/A	N/A	N/A	N/A	0.283	0.162	0.269	0.283
	Front Side	0.042	0.092	0.133	0.133	0.038	0.089	0.126	N/A	N/A	N/A	N/A	N/A	N/A	0.031	0.128	0.159	0.159
	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A	N/A	N/A	0.000	0.000	0.000	0.000
	Right Edge	0.064	0.089	0.154	0.154	0.139	0.041	0.179	N/A	N/A	N/A	N/A	N/A	N/A	0.235	0.043	0.278	0.278
	Top Edge	0.030	0.116	0.146	0.146	0.058	0.084	0.142	N/A	N/A	N/A	N/A	N/A	N/A	0.057	0.183	0.240	0.240
	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A	N/A	N/A	0.000	0.000	0.000	0.000
Product-specific 10g SAR	Back Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.381	0.334	0.715	0.350	0.370	0.720	N/A	N/A	N/A	0.720
	Front Side	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.080	0.251	0.331	0.069	0.529	0.598	N/A	N/A	N/A	0.598
	Left Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	0.000
	Right Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.316	0.144	0.460	0.185	0.233	0.418	N/A	N/A	N/A	0.460
	Top Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.082	0.239	0.321	0.054	0.531	0.585	N/A	N/A	N/A	0.585
	Bottom Edge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	0.000

About Bluetooth, Wi-Fi and WWAN-Antenna

SAR _{1g/10g} (W/kg)		GSM/ WCDMA/ LTE Max	ENDC Max	NR Max	Wi-Fi 2.4GHz Max	Wi-Fi 5GHz Max	Bluetooth	MAX. ΣSAR _{1g/10g}	
		1	2	3	4	5	6	MAX(1-3)+4+5+6	4+5+6
Body worn	Back Side	0.939	0.976	0.899	0.234	0.283	0.085	1.578	0.602
	Front Side	0.583	0.665	0.591	0.133	0.159	0.063	1.020	0.355
Hotspot	Back Side	0.939	0.976	0.899	0.234	0.283	0.085	1.578	0.602
	Front Side	0.583	0.665	0.591	0.133	0.159	0.063	1.020	0.355
	Left Edge	0.000	0.235	0.469	0.000	0.000	0.000	0.469	0.000
	Right Edge	0.434	0.570	0.663	0.154	0.278	0.002	1.097	0.434
	Top Edge	0.000	0.398	0.795	0.146	0.240	0.069	1.250	0.455
	Bottom Edge	1.152	0.696	0.765	0.000	0.000	0.000	1.152	0.000
10-g Extremity SAR	Back Side	0.000	N/A	0.000	0.000	0.720	0.000	0.720	0.720
	Front Side	0.000	N/A	0.000	0.000	0.598	0.000	0.598	0.598
	Left Edge	0.000	N/A	0.000	0.000	0.000	0.000	0.000	0.000
	Right Edge	0.000	N/A	0.000	0.000	0.460	0.000	0.460	0.460
	Top Edge	0.000	N/A	0.000	0.000	0.585	0.000	0.585	0.585
	Bottom Edge	0.000	N/A	0.000	0.000	0.000	0.000	0.000	0.000

Note:

1. The value with blue color is the maximum ΣSAR_{1g/10g} Value.

2. MAX. ΣSAR_{1g/10g} = Unlicensed SAR_{MAX} + Licensed SAR_{MAX}

3. MAX. ΣSAR_{1g} = 1.578W/kg < 1.6W/kg and MAX. ΣSAR_{10g} = 0.720W/kg < 4 W/kg, so the Simultaneous transmission SAR with volume scan are not required for Bluetooth, Wi-Fi and WWAN-Antenna.

11 Measurement Uncertainty

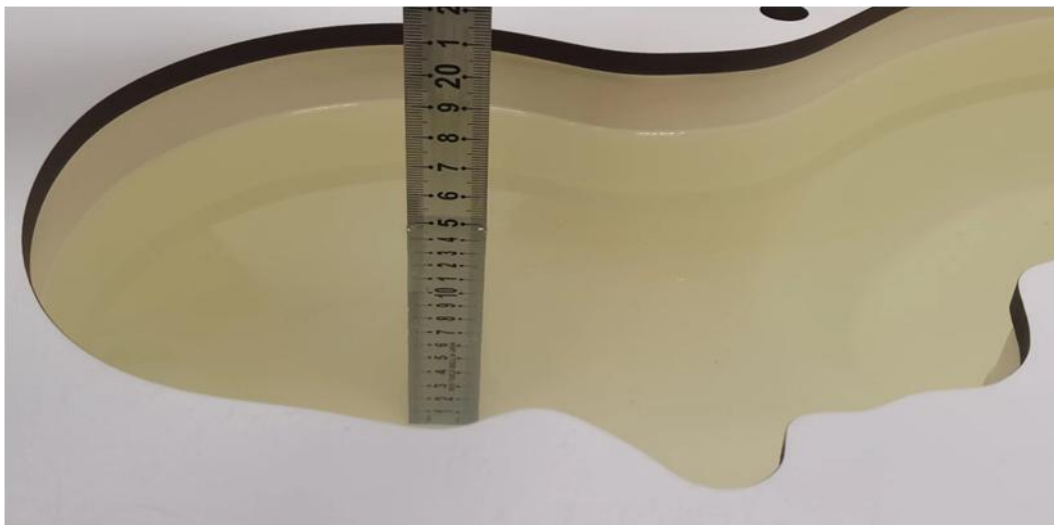
Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528- 2013 is not required in SAR reports submitted for equipment approval.

ANNEX A: Test Layout



Tissue Simulating Liquids

For the measurement of the field distribution inside the flat phantom with DASY, the phantom must be filled with around 25 liters of homogeneous tissue simulating liquid. For SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is ≥ 15 cm, which is shown as below.



Picture 3: liquid depth in the head Phantom

ANNEX B: System Check Results

Plot 1 System Performance Check at 750 MHz TSL

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3

Date: 2026/4/29

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 42.58$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(10.48, 10.48, 10.48); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=15mm, Pin=250mW/Area Scan (4x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.25 W/kg

d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.351 V/m; Power Drift = 0.058 dB

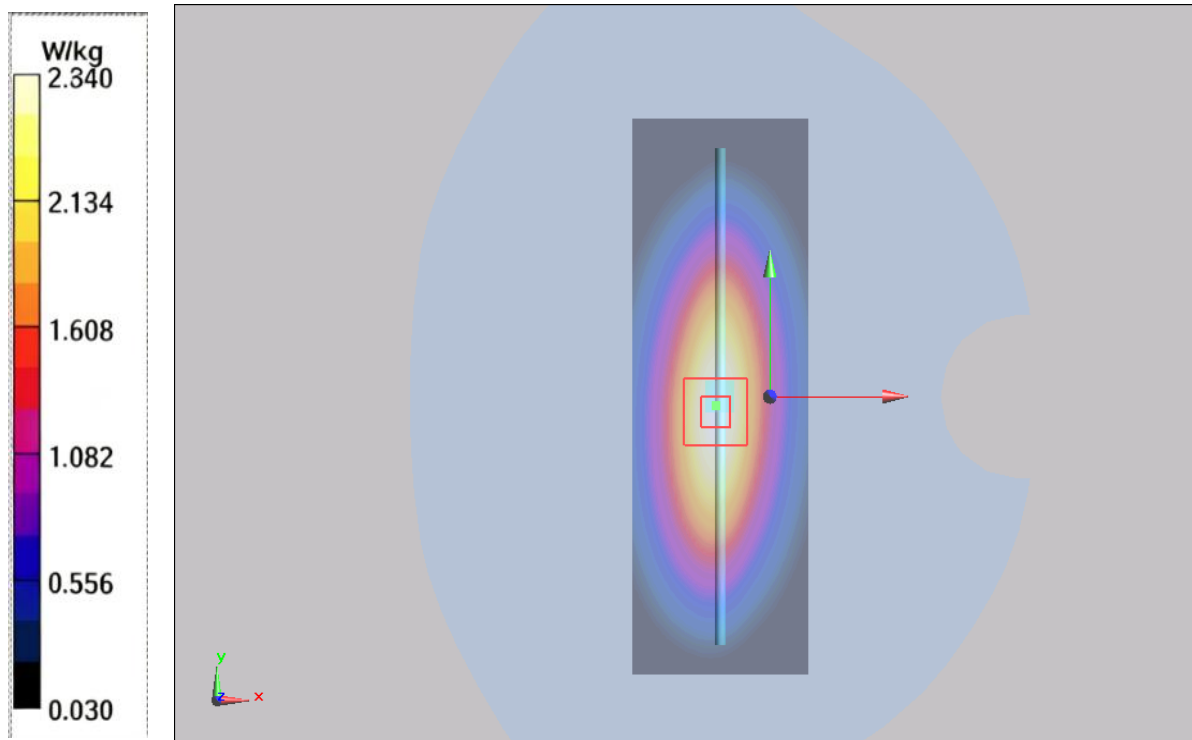
Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.38 W/kg

Smallest distance from peaks to all points 3 dB below = 14.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.9%

Maximum value of SAR (measured) = 2.34 W/kg



Plot 2 System Performance Check at 835 MHz TSL**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2**

Date: 2026/4/27

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.11$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature: 22.3°C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(10.10, 10.10, 10.10); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=15mm, Pin=250mW/Area Scan (4x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.68 W/kg

d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.561 V/m; Power Drift = 0.103 dB

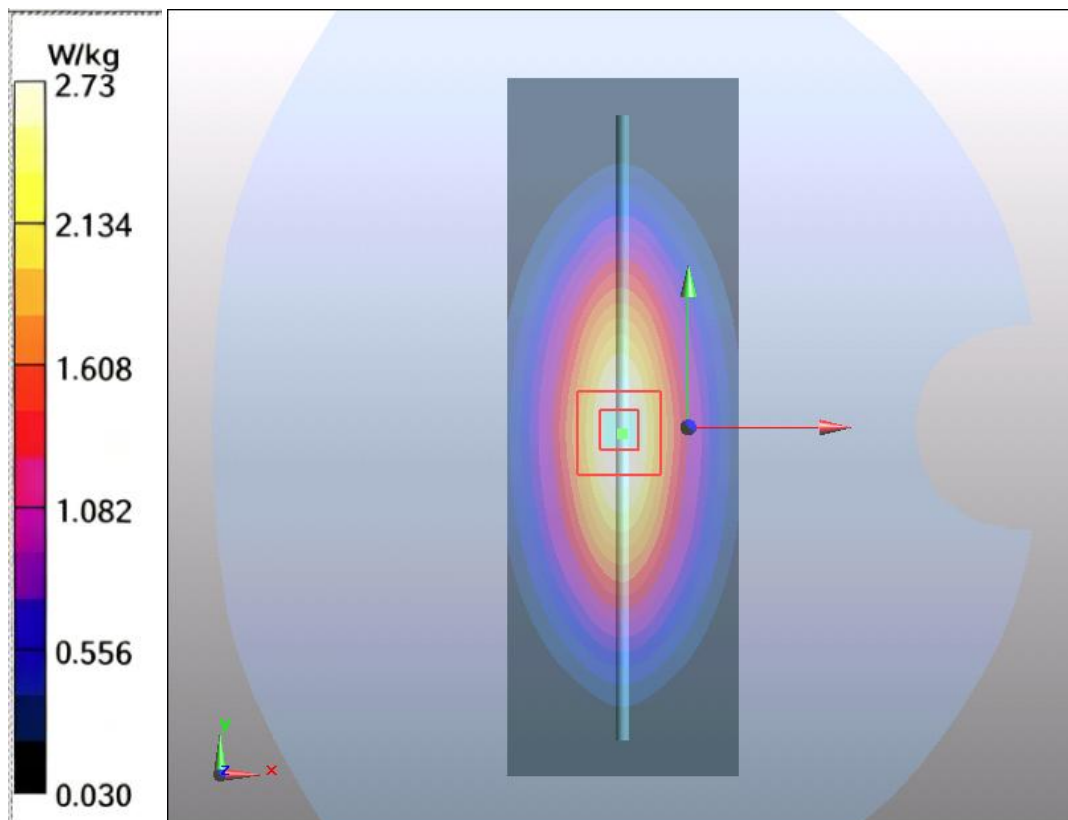
Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.64 W/kg

Smallest distance from peaks to all points 3 dB below = 13.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.2%

Maximum value of SAR (measured) = 2.73 W/kg



Plot 3 System Performance Check at 1750 MHz TSL

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2

Date: 2026/5/8

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 38.94$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(8.78, 8.78, 8.78); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.38 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 80.581 V/m; Power Drift = -0.01 dB

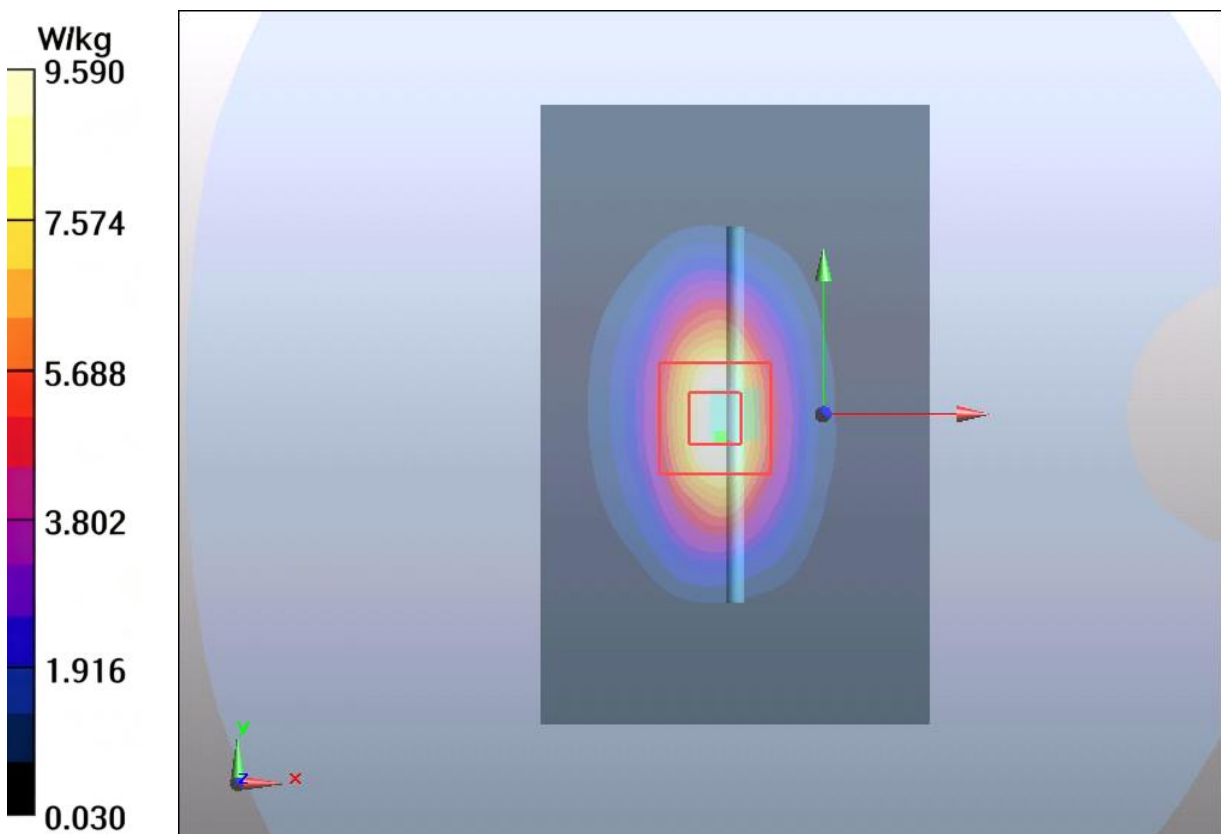
Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 9.31 W/kg; SAR(10 g) = 4.88 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 9.59 W/kg



Plot 4 System Performance Check at 1750 MHz TSL**DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2**

Date: 2026/5/11

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.320$ S/m; $\epsilon_r = 39.12$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(8.78, 8.78, 8.78); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.89 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.932 V/m; Power Drift = -0.14 dB

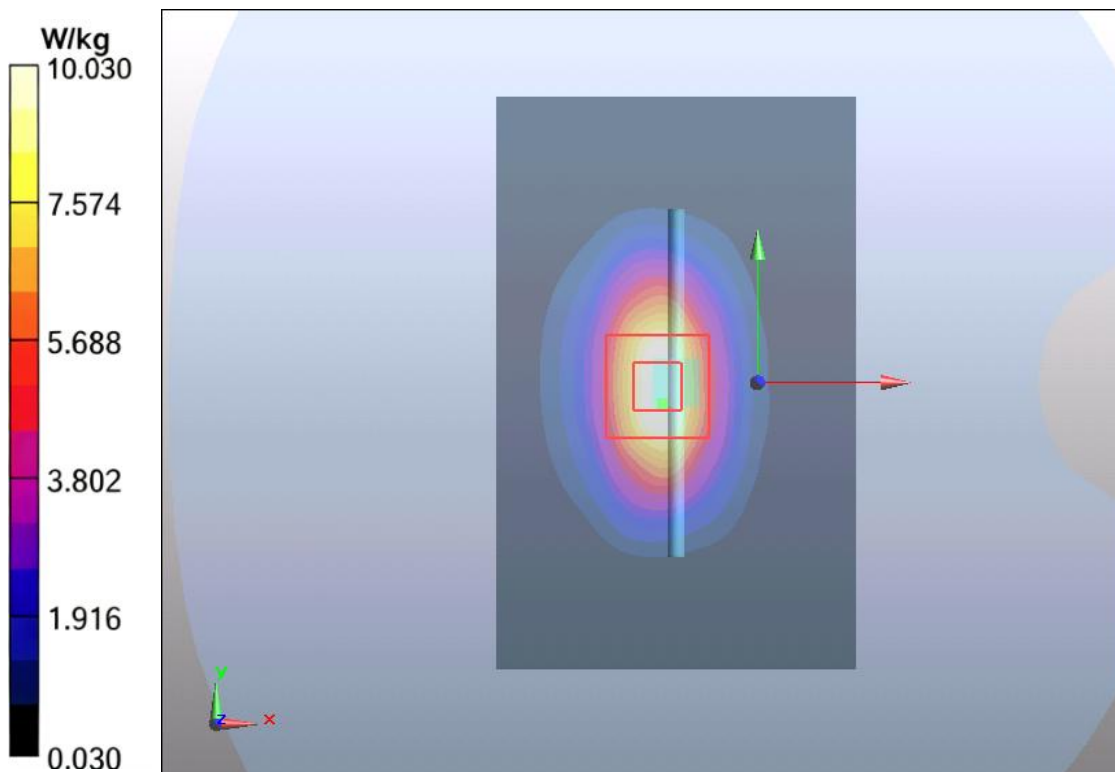
Peak SAR (extrapolated) = 16.57 W/kg

SAR(1 g) = 9.39 W/kg; SAR(10 g) = 4.86 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 10.03 W/kg



Plot 5 System Performance Check at 1900 MHz TSL

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2

Date: 2026/5/24

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.410$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(8.43, 8.43, 8.43); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=10mm, Pin=250mW/Area Scan (4x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.58 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.152 V/m; Power Drift = 0.05 dB

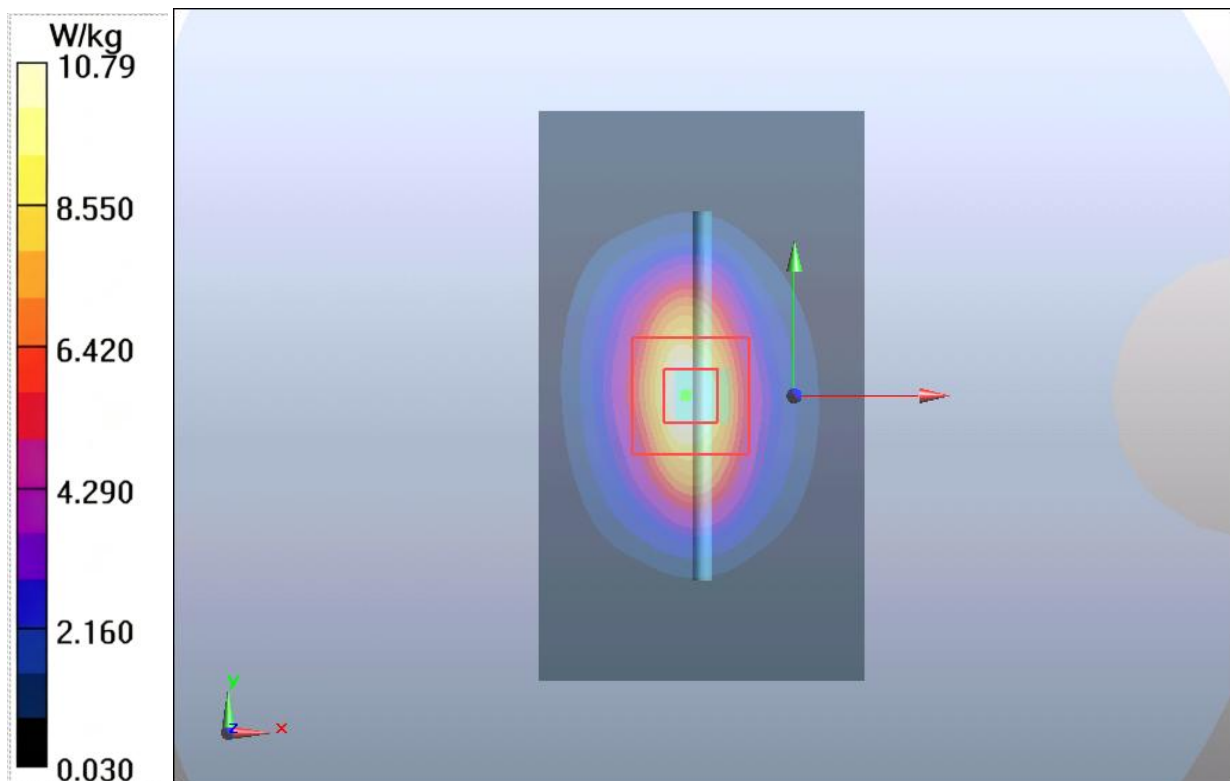
Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 10.31 W/kg; SAR(10 g) = 5.28 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 10.79 W/kg



Plot 6 System Performance Check at 1900 MHz TSL

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2

Date: 2026/5/25

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(8.43, 8.43, 8.43); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=10mm, Pin=250mW/Area Scan (4x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.47 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 84.517 V/m; Power Drift = -0.063 dB

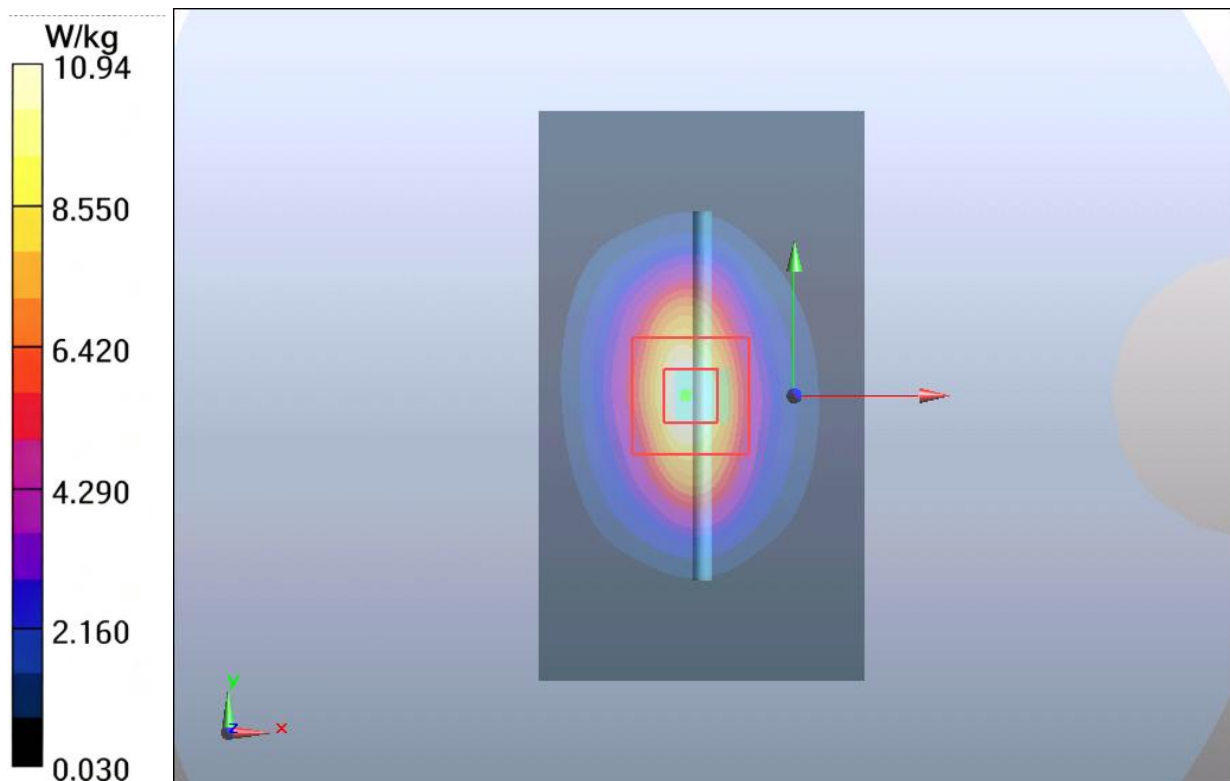
Peak SAR (extrapolated) = 20.14 W/kg

SAR(1 g) = 10.08 W/kg; SAR(10 g) = 5.18 W/kg

Smallest distance from peaks to all points 3 dB below = 18.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 10.94 W/kg



Plot 7 System Performance Check at 2300 MHz TSL

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2

Date: 2026/5/14

Communication System: CW Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2300$ MHz; $\sigma = 1.612$ S/m; $\epsilon_r = 38.34$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN7689; ConvF(8.19, 8.19, 8.19); Calibrated: 2026/6/9

Electronics: DAE4 Sn1692; Calibrated: 2026/6/9

Phantom: SAM 1; Type: QD000P40CD; Serial: TP:1667

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

d=10mm, Pin=250mW/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 12.86 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.415 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 20.28 W/kg

SAR(1 g) = 12.51 W/kg; SAR(10 g) = 6.05 W/kg

Smallest distance from peaks to all points 3 dB below = 13.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 16.12 W/kg

