Band25	15	26365	1	#Mid	QPSK	25.04	2.09	27.13	PASS
Band25	15	26365	1	#Max	QPSK	24.93	2.09	27.02	PASS
Band25	15	26365	36	#0	QPSK	24.05	2.09	26.14	PASS
Band25	15	26365	36	#Mid	QPSK	23.98	2.09	26.07	PASS
Band25	15	26365	36	#Max	QPSK	24.04	2.09	26.13	PASS
Band25	15	26365	75	#0	QPSK	24.04	2.09	26.13	PASS
Band25	15	26365	1	#0	16QAM	22.95	2.09	25.04	PASS
Band25	15	26365	1	#Mid	16QAM	23.03	2.09	25.12	PASS
Band25	15	26365	1	#Max	16QAM	22.94	2.09	25.03	PASS
Band25	15	26365	36	#0	16QAM	23.14	2.09	25.23	PASS
Band25	15	26365	36	#Mid	16QAM	23.10	2.09	25.19	PASS
Band25	15	26365	36	#Max	16QAM	23.12	2.09	25.21	PASS
Band25	15	26365	75	#0	16QAM	23.00	2.09	25.09	PASS
Band25	15	26615	1	#0	QPSK	25.02	2.09	27.11	PASS
Band25	15	26615	1	#Mid	QPSK	25.08	2.09	27.17	PASS
Band25	15	26615	1	#Max	QPSK	24.98	2.09	27.07	PASS
Band25	15	26615	36	#0	QPSK	23.93	2.09	26.02	PASS
Band25	15	26615	36	#Mid	QPSK	23.94	2.09	26.03	PASS
Band25	15	26615	36	#Max	QPSK	24.00	2.09	26.09	PASS
Band25	15	26615	75	#0	QPSK	24.04	2.09	26.13	PASS
Band25	15	26615	1	#0	16QAM	23.58	2.09	25.67	PASS
Band25	15	26615	1	#Mid	16QAM	23.62	2.09	25.71	PASS
Band25	15	26615	1	#Max	16QAM	23.60	2.09	25.69	PASS
Band25	15	26615	36	#0	16QAM	23.34	2.09	25.43	PASS
Band25	15	26615	36	#Mid	16QAM	22.97	2.09	25.06	PASS
Band25	15	26615	36	#Max	16QAM	22.98	2.09	25.07	PASS
Band25	15	26615	75	#0	16QAM	23.02	2.09	25.11	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band26(814-824)	1.4	26697	1	#0	QPSK	25.79	-3.17	20.47	PASS
Band26(814-824)	1.4	26697	1	#Mid	QPSK	25.75	-3.17	20.43	PASS
Band26(814-824)	1.4	26697	1	#Max	QPSK	25.76	-3.17	20.44	PASS
Band26(814-824)	1.4	26697	3	#0	QPSK	25.68	-3.17	20.36	PASS
Band26(814-824)	1.4	26697	3	#Mid	QPSK	25.75	-3.17	20.43	PASS
Band26(814-824)	1.4	26697	3	#Max	QPSK	25.77	-3.17	20.45	PASS
Band26(814-824)	1.4	26697	6	#0	QPSK	23.57	-3.17	18.25	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	24.49	-3.17	19.17	PASS
Band26(814-824)	1.4	26697	1	#Mid	16QAM	24.49	-3.17	19.17	PASS
Band26(814-824)	1.4	26697	1	#Max	16QAM	24.58	-3.17	19.26	PASS
Band26(814-824)	1.4	26697	3	#0	16QAM	24.80	-3.17	19.48	PASS
Band26(814-824)	1.4	26697	3	#Mid	16QAM	24.84	-3.17	19.52	PASS
Band26(814-824)	1.4	26697	3	#Max	16QAM	24.76	-3.17	19.44	PASS
Band26(814-824)	1.4	26697	6	#0	16QAM	23.71	-3.17	18.39	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	25.57	-3.17	20.25	PASS
Band26(814-824)	1.4	26740	1	#Mid	QPSK	25.59	-3.17	20.27	PASS
Band26(814-824)	1.4	26740	1	#Max	QPSK	25.61	-3.17	20.29	PASS
Band26(814-824)	1.4	26740	3	#0	QPSK	25.67	-3.17	20.35	PASS
Band26(814-824)	1.4	26740	3	#Mid	QPSK	25.62	-3.17	20.30	PASS
Band26(814-824)	1.4	26740	3	#Max	QPSK	25.60	-3.17	20.28	PASS
Band26(814-824)	1.4	26740	6	#0	QPSK	23.95	-3.17	18.63	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	24.07	-3.17	18.75	PASS
Band26(814-824)	1.4	26740	1	#Mid	16QAM	24.06	-3.17	18.74	PASS
Band26(814-824)	1.4	26740	1	#Max	16QAM	24.08	-3.17	18.76	PASS
Band26(814-824)	1.4	26740	3	#0	16QAM	24.74	-3.17	19.42	PASS
Band26(814-824)	1.4	26740	3	#Mid	16QAM	24.67	-3.17	19.35	PASS
Band26(814-824)	1.4	26740	3	#Max	16QAM	24.68	-3.17	19.36	PASS
Band26(814-824)	1.4	26740	6	#0	16QAM	23.83	-3.17	18.51	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	25.79	-3.17	20.47	PASS
Band26(814-824)	1.4	26783	1	#Mid	QPSK	25.74	-3.17	20.42	PASS
Band26(814-824)	1.4	26783	1	#Max	QPSK	25.72	-3.17	20.40	PASS
Band26(814-824)	1.4	26783	3	#0	QPSK	25.74	-3.17	20.42	PASS
Band26(814-824)	1.4	26783	3	#Mid	QPSK	25.73	-3.17	20.41	PASS
Band26(814-824)	1.4	26783	3	#Max	QPSK	25.75	-3.17	20.43	PASS
Band26(814-824)	1.4	26783	6	#0	QPSK	23.61	-3.17	18.29	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	23.56	-3.17	18.24	PASS
Band26(814-824)	1.4	26783	1	#Mid	16QAM	23.61	-3.17	18.29	PASS
Band26(814-824)	1.4	26783	1	#Max	16QAM	23.60	-3.17	18.28	PASS
Band26(814-824)	1.4	26783	3	#0	16QAM	24.55	-3.17	19.23	PASS
Band26(814-824)	1.4	26783	3	#Mid	16QAM	24.55	-3.17	19.23	PASS
Band26(814-824)	1.4	26783	3	#Max	16QAM	24.52	-3.17	19.20	PASS
Band26(814-824)	1.4	26783	6	#0	16QAM	23.67	-3.17	18.35	PASS
Band26(814-824)	3	26705	1	#0	QPSK	25.53	-3.17	20.21	PASS
Band26(814-824)	3	26705	1	#Mid	QPSK	25.56	-3.17	20.24	PASS
Band26(814-824)	3	26705	1	#Max	QPSK	25.51	-3.17	20.19	PASS
Band26(814-824)	3	26705	8	#0	QPSK	23.47	-3.17	18.15	PASS
Band26(814-824)	3	26705	8	#Mid	QPSK	23.52	-3.17	18.20	PASS
Band26(814-824)	3	26705	8	#Max	QPSK	23.93	-3.17	18.61	PASS
Band26(814-824)	3	26705	15	#0	QPSK	23.40	-3.17	18.08	PASS
Band26(814-824)	3	26705	1	#0	16QAM	24.41	-3.17	19.09	PASS
Band26(814-824)	3	26705	1	#Mid	16QAM	24.44	-3.17	19.12	PASS
Band26(814-824)	3	26705	1	#Max	16QAM	24.40	-3.17	19.08	PASS
Band26(814-824)	3	26705	8	#0	16QAM	23.34	-3.17	18.02	PASS
Band26(814-824)	3	26705	8	#Mid	16QAM	23.40	-3.17	18.08	PASS

Band26(814-824)	3	26705	8	#Max	16QAM	23.75	-3.17	18.43	PASS
Band26(814-824)	3	26705	15	#0	16QAM	23.50	-3.17	18.18	PASS
Band26(814-824)	3	26740	1	#0	QPSK	25.51	-3.17	20.19	PASS
Band26(814-824)	3	26740	1	#Mid	QPSK	25.61	-3.17	20.29	PASS
Band26(814-824)	3	26740	1	#Max	QPSK	25.70	-3.17	20.38	PASS
Band26(814-824)	3	26740	8	#0	QPSK	23.92	-3.17	18.60	PASS
Band26(814-824)	3	26740	8	#Mid	QPSK	23.97	-3.17	18.65	PASS
Band26(814-824)	3	26740	8	#Max	QPSK	23.87	-3.17	18.55	PASS
Band26(814-824)	3	26740	15	#0	QPSK	23.95	-3.17	18.63	PASS
Band26(814-824)	3	26740	1	#0	16QAM	23.40	-3.17	18.08	PASS
Band26(814-824)	3	26740	1	#Mid	16QAM	23.45	-3.17	18.13	PASS
Band26(814-824)	3	26740	1	#Max	16QAM	23.52	-3.17	18.20	PASS
Band26(814-824)	3	26740	8	#0	16QAM	23.92	-3.17	18.60	PASS
Band26(814-824)	3	26740	8	#Mid	16QAM	23.95	-3.17	18.63	PASS
Band26(814-824)	3	26740	8	#Max	16QAM	23.87	-3.17	18.55	PASS
Band26(814-824)	3	26740	15	#0	16QAM	23.90	-3.17	18.58	PASS
Band26(814-824)	3	26775	1	#0	QPSK	25.58	-3.17	20.26	PASS
Band26(814-824)	3	26775	1	#Mid	QPSK	25.74	-3.17	20.42	PASS
Band26(814-824)	3	26775	1	#Max	QPSK	25.68	-3.17	20.36	PASS
Band26(814-824)	3	26775	8	#0	QPSK	23.90	-3.17	18.58	PASS
Band26(814-824)	3	26775	8	#Mid	QPSK	23.53	-3.17	18.21	PASS
Band26(814-824)	3	26775	8	#Max	QPSK	23.59	-3.17	18.27	PASS
Band26(814-824)	3	26775	15	#0	QPSK	23.47	-3.17	18.15	PASS
Band26(814-824)	3	26775	1	#0	16QAM	23.51	-3.17	18.19	PASS
Band26(814-824)	3	26775	1	#Mid	16QAM	23.45	-3.17	18.13	PASS
Band26(814-824)	3	26775	1	#Max	16QAM	23.56	-3.17	18.24	PASS
Band26(814-824)	3	26775	8	#0	16QAM	24.08	-3.17	18.76	PASS
Band26(814-824)	3	26775	8	#Mid	16QAM	23.64	-3.17	18.32	PASS
Band26(814-824)	3	26775	8	#Max	16QAM	23.66	-3.17	18.34	PASS
Band26(814-824)	3	26775	15	#0	16QAM	23.63	-3.17	18.31	PASS
Band26(814-824)	5	26715	1	#0	QPSK	24.76	-3.17	19.44	PASS
Band26(814-824)	5	26715	1	#Mid	QPSK	23.71	-3.17	18.39	PASS
Band26(814-824)	5	26715	1	#Max	QPSK	25.57	-3.17	20.25	PASS
Band26(814-824)	5	26715	12	#0	QPSK	23.41	-3.17	18.09	PASS
Band26(814-824)	5	26715	12	#Mid	QPSK	23.93	-3.17	18.61	PASS
Band26(814-824)	5	26715	12	#Max	QPSK	23.81	-3.17	18.49	PASS
Band26(814-824)	5	26715	25	#0	QPSK	23.88	-3.17	18.56	PASS
Band26(814-824)	5	26715	1	#0	16QAM	23.61	-3.17	18.29	PASS
Band26(814-824)	5	26715	1	#Mid	16QAM	23.54	-3.17	18.22	PASS
Band26(814-824)	5	26715	1	#Max	16QAM	23.74	-3.17	18.42	PASS
Band26(814-824)	5	26715	12	#0	16QAM	23.37	-3.17	18.05	PASS
Band26(814-824)	5	26715	12	#Mid	16QAM	23.75	-3.17	18.43	PASS
Band26(814-824)	5	26715	12	#Max	16QAM	23.72	-3.17	18.40	PASS
Band26(814-824)	5	26715	25	#0	16QAM	23.89	-3.17	18.57	PASS
Band26(814-824)	5	26740	1	#0	QPSK	24.76	-3.17	19.44	PASS
Band26(814-824)	5	26740	1	#Mid	QPSK	23.71	-3.17	18.39	PASS
Band26(814-824)	5	26740	1	#Max	QPSK	25.57	-3.17	20.25	PASS
Band26(814-824)	5	26740	12	#0	QPSK	23.94	-3.17	18.62	PASS
Band26(814-824)	5	26740	12	#Mid	QPSK	24.01	-3.17	18.69	PASS
Band26(814-824)	5	26740	12	#Max	QPSK	23.92	-3.17	18.60	PASS
Band26(814-824)	5	26740	25	#0	QPSK	23.83	-3.17	18.51	PASS
Band26(814-824)	5	26740	1	#0	16QAM	23.58	-3.17	18.26	PASS
Band26(814-824)	5	26740	1	#Mid	16QAM	23.60	-3.17	18.28	PASS
Band26(814-824)	5	26740	1	#Max	16QAM	24.76	-3.17	19.44	PASS
Band26(814-824)	5	26740	12	#0	16QAM	23.77	-3.17	18.45	PASS
Band26(814-824)	5	26740	12	#Mid	16QAM	23.81	-3.17	18.49	PASS
Band26(814-824)	5	26740	12	#Max	16QAM	23.89	-3.17	18.57	PASS

Band26(814-824)	5	26740	25	#0	16QAM	23.96	-3.17	18.64	PASS
Band26(814-824)	5	26765	1	#0	QPSK	24.76	-3.17	19.44	PASS
Band26(814-824)	5	26765	1	#Mid	QPSK	23.71	-3.17	18.39	PASS
Band26(814-824)	5	26765	1	#Max	QPSK	25.57	-3.17	20.25	PASS
Band26(814-824)	5	26765	12	#0	QPSK	24.01	-3.17	18.69	PASS
Band26(814-824)	5	26765	12	#Mid	QPSK	23.91	-3.17	18.59	PASS
Band26(814-824)	5	26765	12	#Max	QPSK	23.56	-3.17	18.24	PASS
Band26(814-824)	5	26765	25	#0	QPSK	23.94	-3.17	18.62	PASS
Band26(814-824)	5	26765	1	#0	16QAM	24.76	-3.17	19.44	PASS
Band26(814-824)	5	26765	1	#Mid	16QAM	23.71	-3.17	18.39	PASS
Band26(814-824)	5	26765	1	#Max	16QAM	25.57	-3.17	20.25	PASS
Band26(814-824)	5	26765	12	#0	16QAM	24.03	-3.17	18.71	PASS
Band26(814-824)	5	26765	12	#Mid	16QAM	23.97	-3.17	18.65	PASS
Band26(814-824)	5	26765	12	#Max	16QAM	23.59	-3.17	18.27	PASS
Band26(814-824)	5	26765	25	#0	16QAM	24.18	-3.17	18.86	PASS
Band26(814-824)	10	26740	1	#0	QPSK	24.76	-3.17	19.44	PASS
Band26(814-824)	10	26740	1	#Mid	QPSK	23.71	-3.17	18.39	PASS
Band26(814-824)	10	26740	1	#Max	QPSK	24.76	-3.17	19.44	PASS
Band26(814-824)	10	26740	25	#0	QPSK	23.92	-3.17	18.60	PASS
Band26(814-824)	10	26740	25	#Mid	QPSK	23.93	-3.17	18.61	PASS
Band26(814-824)	10	26740	25	#Max	QPSK	23.90	-3.17	18.58	PASS
Band26(814-824)	10	26740	50	#0	QPSK	23.88	-3.17	18.56	PASS
Band26(814-824)	10	26740	1	#0	16QAM	24.76	-3.17	19.44	PASS
Band26(814-824)	10	26740	1	#Mid	16QAM	24.47	-3.17	19.15	PASS
Band26(814-824)	10	26740	1	#Max	16QAM	24.76	-3.17	19.44	PASS
Band26(814-824)	10	26740	25	#0	16QAM	23.90	-3.17	18.58	PASS
Band26(814-824)	10	26740	25	#Mid	16QAM	23.87	-3.17	18.55	PASS
Band26(814-824)	10	26740	25	#Max	16QAM	23.91	-3.17	18.59	PASS
Band26(814-824)	10	26740	50	#0	16QAM	23.85	-3.17	18.53	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band26(824-849)	1.4	26797	1	#0	QPSK	25.80	-3.17	20.48	PASS
Band26(824-849)	1.4	26797	1	#Mid	QPSK	25.80	-3.17	20.48	PASS
Band26(824-849)	1.4	26797	1	#Max	QPSK	25.83	-3.17	20.51	PASS
Band26(824-849)	1.4	26797	3	#0	QPSK	25.78	-3.17	20.46	PASS
Band26(824-849)	1.4	26797	3	#Mid	QPSK	25.78	-3.17	20.46	PASS
Band26(824-849)	1.4	26797	3	#Max	QPSK	25.69	-3.17	20.37	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	23.60	-3.17	18.28	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	24.51	-3.17	19.19	PASS
Band26(824-849)	1.4	26797	1	#Mid	16QAM	24.59	-3.17	19.27	PASS
Band26(824-849)	1.4	26797	1	#Max	16QAM	24.55	-3.17	19.23	PASS
Band26(824-849)	1.4	26797	3	#0	16QAM	24.91	-3.17	19.59	PASS
Band26(824-849)	1.4	26797	3	#Mid	16QAM	24.86	-3.17	19.54	PASS
Band26(824-849)	1.4	26797	3	#Max	16QAM	24.92	-3.17	19.60	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	23.82	-3.17	18.50	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	26.05	-3.17	20.73	PASS
Band26(824-849)	1.4	26915	1	#Mid	QPSK	25.92	-3.17	20.60	PASS
Band26(824-849)	1.4	26915	1	#Max	QPSK	25.94	-3.17	20.62	PASS
Band26(824-849)	1.4	26915	3	#0	QPSK	25.80	-3.17	20.48	PASS
Band26(824-849)	1.4	26915	3	#Mid	QPSK	25.84	-3.17	20.52	PASS
Band26(824-849)	1.4	26915	3	#Max	QPSK	25.91	-3.17	20.59	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	24.32	-3.17	19.00	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	23.95	-3.17	18.63	PASS
Band26(824-849)	1.4	26915	1	#Mid	16QAM	23.94	-3.17	18.62	PASS
Band26(824-849)	1.4	26915	1	#Max	16QAM	24.05	-3.17	18.73	PASS
Band26(824-849)	1.4	26915	3	#0	16QAM	24.94	-3.17	19.62	PASS
Band26(824-849)	1.4	26915	3	#Mid	16QAM	24.91	-3.17	19.59	PASS
Band26(824-849)	1.4	26915	3	#Max	16QAM	24.99	-3.17	19.67	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	24.52	-3.17	19.20	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	25.84	-3.17	20.52	PASS
Band26(824-849)	1.4	27033	1	#Mid	QPSK	25.57	-3.17	20.25	PASS
Band26(824-849)	1.4	27033	1	#Max	QPSK	25.74	-3.17	20.42	PASS
Band26(824-849)	1.4	27033	3	#0	QPSK	25.60	-3.17	20.28	PASS
Band26(824-849)	1.4	27033	3	#Mid	QPSK	25.71	-3.17	20.39	PASS
Band26(824-849)	1.4	27033	3	#Max	QPSK	25.66	-3.17	20.34	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	23.64	-3.17	18.32	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	23.66	-3.17	18.34	PASS
Band26(824-849)	1.4	27033	1	#Mid	16QAM	23.69	-3.17	18.37	PASS
Band26(824-849)	1.4	27033	1	#Max	16QAM	23.73	-3.17	18.41	PASS
Band26(824-849)	1.4	27033	3	#0	16QAM	24.44	-3.17	19.12	PASS
Band26(824-849)	1.4	27033	3	#Mid	16QAM	24.55	-3.17	19.23	PASS
Band26(824-849)	1.4	27033	3	#Max	16QAM	24.56	-3.17	19.24	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	23.72	-3.17	18.40	PASS
Band26(824-849)	3	26805	1	#0	QPSK	25.68	-3.17	20.36	PASS
Band26(824-849)	3	26805	1	#Mid	QPSK	25.57	-3.17	20.25	PASS
Band26(824-849)	3	26805	1	#Max	QPSK	25.68	-3.17	20.36	PASS
Band26(824-849)	3	26805	8	#0	QPSK	23.54	-3.17	18.22	PASS
Band26(824-849)	3	26805	8	#Mid	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	3	26805	8	#Max	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	3	26805	15	#0	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	3	26805	1	#0	16QAM	24.45	-3.17	19.13	PASS
Band26(824-849)	3	26805	1	#Mid	16QAM	24.54	-3.17	19.22	PASS
Band26(824-849)	3	26805	1	#Max	16QAM	24.59	-3.17	19.27	PASS
Band26(824-849)	3	26805	8	#0	16QAM	23.56	-3.17	18.24	PASS
Band26(824-849)	3	26805	8	#Mid	16QAM	23.58	-3.17	18.26	PASS

Band26(824-849)	3	26805	8	#Max	16QAM	23.63	-3.17	18.31	PASS
Band26(824-849)	3	26805	15	#0	16QAM	23.74	-3.17	18.42	PASS
Band26(824-849)	3	26915	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	3	26915	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	3	26915	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	3	26915	8	#0	QPSK	23.87	-3.17	18.55	PASS
Band26(824-849)	3	26915	8	#Mid	QPSK	24.20	-3.17	18.88	PASS
Band26(824-849)	3	26915	8	#Max	QPSK	24.32	-3.17	19.00	PASS
Band26(824-849)	3	26915	15	#0	QPSK	24.18	-3.17	18.86	PASS
Band26(824-849)	3	26915	1	#0	16QAM	23.80	-3.17	18.48	PASS
Band26(824-849)	3	26915	1	#Mid	16QAM	23.86	-3.17	18.54	PASS
Band26(824-849)	3	26915	1	#Max	16QAM	23.84	-3.17	18.52	PASS
Band26(824-849)	3	26915	8	#0	16QAM	23.89	-3.17	18.57	PASS
Band26(824-849)	3	26915	8	#Mid	16QAM	24.27	-3.17	18.95	PASS
Band26(824-849)	3	26915	8	#Max	16QAM	24.27	-3.17	18.95	PASS
Band26(824-849)	3	26915	15	#0	16QAM	24.29	-3.17	18.97	PASS
Band26(824-849)	3	27025	1	#0	QPSK	25.82	-3.17	20.50	PASS
Band26(824-849)	3	27025	1	#Mid	QPSK	25.73	-3.17	20.41	PASS
Band26(824-849)	3	27025	1	#Max	QPSK	25.74	-3.17	20.42	PASS
Band26(824-849)	3	27025	8	#0	QPSK	24.07	-3.17	18.75	PASS
Band26(824-849)	3	27025	8	#Mid	QPSK	24.08	-3.17	18.76	PASS
Band26(824-849)	3	27025	8	#Max	QPSK	23.67	-3.17	18.35	PASS
Band26(824-849)	3	27025	15	#0	QPSK	23.94	-3.17	18.62	PASS
Band26(824-849)	3	27025	1	#0	16QAM	23.66	-3.17	18.34	PASS
Band26(824-849)	3	27025	1	#Mid	16QAM	23.66	-3.17	18.34	PASS
Band26(824-849)	3	27025	1	#Max	16QAM	23.74	-3.17	18.42	PASS
Band26(824-849)	3	27025	8	#0	16QAM	24.05	-3.17	18.73	PASS
Band26(824-849)	3	27025	8	#Mid	16QAM	24.07	-3.17	18.75	PASS
Band26(824-849)	3	27025	8	#Max	16QAM	23.69	-3.17	18.37	PASS
Band26(824-849)	3	27025	15	#0	16QAM	24.01	-3.17	18.69	PASS
Band26(824-849)	5	26815	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	5	26815	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	5	26815	1	#Max	QPSK	25.75	-3.17	20.43	PASS
Band26(824-849)	5	26815	12	#0	QPSK	23.66	-3.17	18.34	PASS
Band26(824-849)	5	26815	12	#Mid	QPSK	23.67	-3.17	18.35	PASS
Band26(824-849)	5	26815	12	#Max	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	5	26815	25	#0	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	5	26815	1	#0	16QAM	23.81	-3.17	18.49	PASS
Band26(824-849)	5	26815	1	#Mid	16QAM	23.77	-3.17	18.45	PASS
Band26(824-849)	5	26815	1	#Max	16QAM	23.86	-3.17	18.54	PASS
Band26(824-849)	5	26815	12	#0	16QAM	23.65	-3.17	18.33	PASS
Band26(824-849)	5	26815	12	#Mid	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	5	26815	12	#Max	16QAM	23.61	-3.17	18.29	PASS
Band26(824-849)	5	26815	25	#0	16QAM	23.73	-3.17	18.41	PASS
Band26(824-849)	5	26915	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	5	26915	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	5	26915	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	5	26915	12	#0	QPSK	23.77	-3.17	18.45	PASS
Band26(824-849)	5	26915	12	#Mid	QPSK	24.24	-3.17	18.92	PASS
Band26(824-849)	5	26915	12	#Max	QPSK	24.28	-3.17	18.96	PASS
Band26(824-849)	5	26915	25	#0	QPSK	24.19	-3.17	18.87	PASS
Band26(824-849)	5	26915	1	#0	16QAM	23.46	-3.17	18.14	PASS
Band26(824-849)	5	26915	1	#Mid	16QAM	23.49	-3.17	18.17	PASS
Band26(824-849)	5	26915	1	#Max	16QAM	23.52	-3.17	18.20	PASS
Band26(824-849)	5	26915	12	#0	16QAM	23.75	-3.17	18.43	PASS
Band26(824-849)	5	26915	12	#Mid	16QAM	24.16	-3.17	18.84	PASS
Band26(824-849)	5	26915	12	#Max	16QAM	24.22	-3.17	18.90	PASS

Band26(824-849)	5	26915	25	#0	16QAM	24.31	-3.17	18.99	PASS
Band26(824-849)	5	27015	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	5	27015	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	5	27015	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	5	27015	12	#0	QPSK	24.08	-3.17	18.76	PASS
Band26(824-849)	5	27015	12	#Mid	QPSK	24.10	-3.17	18.78	PASS
Band26(824-849)	5	27015	12	#Max	QPSK	24.02	-3.17	18.70	PASS
Band26(824-849)	5	27015	25	#0	QPSK	24.18	-3.17	18.86	PASS
Band26(824-849)	5	27015	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	5	27015	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	5	27015	1	#Max	16QAM	24.24	-3.17	18.92	PASS
Band26(824-849)	5	27015	12	#0	16QAM	24.12	-3.17	18.80	PASS
Band26(824-849)	5	27015	12	#Mid	16QAM	24.06	-3.17	18.74	PASS
Band26(824-849)	5	27015	12	#Max	16QAM	23.85	-3.17	18.53	PASS
Band26(824-849)	5	27015	25	#0	16QAM	24.23	-3.17	18.91	PASS
Band26(824-849)	10	26840	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26840	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	10	26840	1	#Max	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26840	25	#0	QPSK	23.71	-3.17	18.39	PASS
Band26(824-849)	10	26840	25	#Mid	QPSK	23.84	-3.17	18.52	PASS
Band26(824-849)	10	26840	25	#Max	QPSK	23.90	-3.17	18.58	PASS
Band26(824-849)	10	26840	50	#0	QPSK	23.69	-3.17	18.37	PASS
Band26(824-849)	10	26840	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26840	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	10	26840	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	10	26840	25	#0	16QAM	23.72	-3.17	18.40	PASS
Band26(824-849)	10	26840	25	#Mid	16QAM	23.84	-3.17	18.52	PASS
Band26(824-849)	10	26840	25	#Max	16QAM	23.93	-3.17	18.61	PASS
Band26(824-849)	10	26840	50	#0	16QAM	23.86	-3.17	18.54	PASS
Band26(824-849)	10	26915	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26915	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	10	26915	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	10	26915	25	#0	QPSK	23.84	-3.17	18.52	PASS
Band26(824-849)	10	26915	25	#Mid	QPSK	24.22	-3.17	18.90	PASS
Band26(824-849)	10	26915	25	#Max	QPSK	23.83	-3.17	18.51	PASS
Band26(824-849)	10	26915	50	#0	QPSK	24.21	-3.17	18.89	PASS
Band26(824-849)	10	26915	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26915	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	10	26915	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	10	26915	25	#0	16QAM	23.85	-3.17	18.53	PASS
Band26(824-849)	10	26915	25	#Mid	16QAM	24.38	-3.17	19.06	PASS
Band26(824-849)	10	26915	25	#Max	16QAM	23.90	-3.17	18.58	PASS
Band26(824-849)	10	26915	50	#0	16QAM	24.39	-3.17	19.07	PASS
Band26(824-849)	10	26990	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26990	1	#Mid	QPSK	25.80	-3.17	20.48	PASS
Band26(824-849)	10	26990	1	#Max	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26990	25	#0	QPSK	23.94	-3.17	18.62	PASS
Band26(824-849)	10	26990	25	#Mid	QPSK	24.07	-3.17	18.75	PASS
Band26(824-849)	10	26990	25	#Max	QPSK	24.19	-3.17	18.87	PASS
Band26(824-849)	10	26990	50	#0	QPSK	24.15	-3.17	18.83	PASS
Band26(824-849)	10	26990	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	10	26990	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	10	26990	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	10	26990	25	#0	16QAM	23.94	-3.17	18.62	PASS
Band26(824-849)	10	26990	25	#Mid	16QAM	24.21	-3.17	18.89	PASS
Band26(824-849)	10	26990	25	#Max	16QAM	24.16	-3.17	18.84	PASS
Band26(824-849)	10	26990	50	#0	16QAM	24.06	-3.17	18.74	PASS

Band26(824-849)	15	26865	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26865	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26865	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26865	36	#0	QPSK	23.75	-3.17	18.43	PASS
Band26(824-849)	15	26865	36	#Mid	QPSK	23.75	-3.17	18.43	PASS
Band26(824-849)	15	26865	36	#Max	QPSK	23.85	-3.17	18.53	PASS
Band26(824-849)	15	26865	75	#0	QPSK	23.79	-3.17	18.47	PASS
Band26(824-849)	15	26865	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26865	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26865	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26865	36	#0	16QAM	23.78	-3.17	18.46	PASS
Band26(824-849)	15	26865	36	#Mid	16QAM	23.79	-3.17	18.47	PASS
Band26(824-849)	15	26865	36	#Max	16QAM	23.86	-3.17	18.54	PASS
Band26(824-849)	15	26865	75	#0	16QAM	23.81	-3.17	18.49	PASS
Band26(824-849)	15	26915	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26915	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26915	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26915	36	#0	QPSK	23.80	-3.17	18.48	PASS
Band26(824-849)	15	26915	36	#Mid	QPSK	24.21	-3.17	18.89	PASS
Band26(824-849)	15	26915	36	#Max	QPSK	23.99	-3.17	18.67	PASS
Band26(824-849)	15	26915	75	#0	QPSK	24.23	-3.17	18.91	PASS
Band26(824-849)	15	26915	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26915	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26915	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26915	36	#0	16QAM	23.98	-3.17	18.66	PASS
Band26(824-849)	15	26915	36	#Mid	16QAM	24.38	-3.17	19.06	PASS
Band26(824-849)	15	26915	36	#Max	16QAM	24.02	-3.17	18.70	PASS
Band26(824-849)	15	26915	75	#0	16QAM	24.20	-3.17	18.88	PASS
Band26(824-849)	15	26965	1	#0	QPSK	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26965	1	#Mid	QPSK	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26965	1	#Max	QPSK	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26965	36	#0	QPSK	23.84	-3.17	18.52	PASS
Band26(824-849)	15	26965	36	#Mid	QPSK	23.98	-3.17	18.66	PASS
Band26(824-849)	15	26965	36	#Max	QPSK	24.04	-3.17	18.72	PASS
Band26(824-849)	15	26965	75	#0	QPSK	23.88	-3.17	18.56	PASS
Band26(824-849)	15	26965	1	#0	16QAM	23.59	-3.17	18.27	PASS
Band26(824-849)	15	26965	1	#Mid	16QAM	23.62	-3.17	18.30	PASS
Band26(824-849)	15	26965	1	#Max	16QAM	23.68	-3.17	18.36	PASS
Band26(824-849)	15	26965	36	#0	16QAM	23.87	-3.17	18.55	PASS
Band26(824-849)	15	26965	36	#Mid	16QAM	23.87	-3.17	18.55	PASS
Band26(824-849)	15	26965	36	#Max	16QAM	24.07	-3.17	18.75	PASS
Band26(824-849)	15	26965	75	#0	16QAM	23.92	-3.17	18.60	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	25.65	1.09	26.74	PASS
Band66	1.4	131979	1	#Mid	QPSK	25.61	1.09	26.70	PASS
Band66	1.4	131979	1	#Max	QPSK	25.69	1.09	26.78	PASS
Band66	1.4	131979	3	#0	QPSK	25.54	1.09	26.63	PASS
Band66	1.4	131979	3	#Mid	QPSK	25.60	1.09	26.69	PASS
Band66	1.4	131979	3	#Max	QPSK	25.57	1.09	26.66	PASS
Band66	1.4	131979	6	#0	QPSK	24.58	1.09	25.67	PASS
Band66	1.4	131979	1	#0	16QAM	25.39	1.09	26.48	PASS
Band66	1.4	131979	1	#Mid	16QAM	25.47	1.09	26.56	PASS
Band66	1.4	131979	1	#Max	16QAM	25.45	1.09	26.54	PASS
Band66	1.4	131979	3	#0	16QAM	24.81	1.09	25.90	PASS
Band66	1.4	131979	3	#Mid	16QAM	24.78	1.09	25.87	PASS
Band66	1.4	131979	3	#Max	16QAM	24.75	1.09	25.84	PASS
Band66	1.4	131979	6	#0	16QAM	23.72	1.09	24.81	PASS
Band66	1.4	132322	1	#0	QPSK	25.79	1.09	26.88	PASS
Band66	1.4	132322	1	#Mid	QPSK	25.83	1.09	26.92	PASS
Band66	1.4	132322	1	#Max	QPSK	25.87	1.09	26.96	PASS
Band66	1.4	132322	3	#0	QPSK	25.86	1.09	26.95	PASS
Band66	1.4	132322	3	#Mid	QPSK	25.90	1.09	26.99	PASS
Band66	1.4	132322	3	#Max	QPSK	25.94	1.09	27.03	PASS
Band66	1.4	132322	6	#0	QPSK	24.82	1.09	25.91	PASS
Band66	1.4	132322	1	#0	16QAM	24.93	1.09	26.02	PASS
Band66	1.4	132322	1	#Mid	16QAM	24.88	1.09	25.97	PASS
Band66	1.4	132322	1	#Max	16QAM	24.93	1.09	26.02	PASS
Band66	1.4	132322	3	#0	16QAM	24.67	1.09	25.76	PASS
Band66	1.4	132322	3	#Mid	16QAM	24.71	1.09	25.80	PASS
Band66	1.4	132322	3	#Max	16QAM	24.70	1.09	25.79	PASS
Band66	1.4	132322	6	#0	16QAM	24.01	1.09	25.10	PASS
Band66	1.4	132665	1	#0	QPSK	25.57	1.09	26.66	PASS
Band66	1.4	132665	1	#Mid	QPSK	25.58	1.09	26.67	PASS
Band66	1.4	132665	1	#Max	QPSK	25.60	1.09	26.69	PASS
Band66	1.4	132665	3	#0	QPSK	25.57	1.09	26.66	PASS
Band66	1.4	132665	3	#Mid	QPSK	25.61	1.09	26.70	PASS
Band66	1.4	132665	3	#Max	QPSK	25.51	1.09	26.60	PASS
Band66	1.4	132665	6	#0	QPSK	24.55	1.09	25.64	PASS
Band66	1.4	132665	1	#0	16QAM	24.48	1.09	25.57	PASS
Band66	1.4	132665	1	#Mid	16QAM	24.46	1.09	25.55	PASS
Band66	1.4	132665	1	#Max	16QAM	24.55	1.09	25.64	PASS
Band66	1.4	132665	3	#0	16QAM	24.46	1.09	25.55	PASS
Band66	1.4	132665	3	#Mid	16QAM	24.49	1.09	25.58	PASS
Band66	1.4	132665	3	#Max	16QAM	24.52	1.09	25.61	PASS
Band66	1.4	132665	6	#0	16QAM	23.61	1.09	24.70	PASS
Band66	3	131987	1	#0	QPSK	25.49	1.09	26.58	PASS
Band66	3	131987	1	#Mid	QPSK	25.54	1.09	26.63	PASS
Band66	3	131987	1	#Max	QPSK	25.53	1.09	26.62	PASS
Band66	3	131987	8	#0	QPSK	24.51	1.09	25.60	PASS
Band66	3	131987	8	#Mid	QPSK	24.57	1.09	25.66	PASS
Band66	3	131987	8	#Max	QPSK	24.56	1.09	25.65	PASS
Band66	3	131987	15	#0	QPSK	24.54	1.09	25.63	PASS
Band66	3	131987	1	#0	16QAM	25.57	1.09	26.66	PASS
Band66	3	131987	1	#Mid	16QAM	25.58	1.09	26.67	PASS
Band66	3	131987	1	#Max	16QAM	25.73	1.09	26.82	PASS
Band66	3	131987	8	#0	16QAM	23.52	1.09	24.61	PASS
Band66	3	131987	8	#Mid	16QAM	23.59	1.09	24.68	PASS

Band66	3	131987	8	#Max	16QAM	23.62	1.09	24.71	PASS
Band66	3	131987	15	#0	16QAM	23.68	1.09	24.77	PASS
Band66	3	132322	1	#0	QPSK	25.83	1.09	26.92	PASS
Band66	3	132322	1	#Mid	QPSK	25.84	1.09	26.93	PASS
Band66	3	132322	1	#Max	QPSK	25.90	1.09	26.99	PASS
Band66	3	132322	8	#0	QPSK	24.88	1.09	25.97	PASS
Band66	3	132322	8	#Mid	QPSK	24.92	1.09	26.01	PASS
Band66	3	132322	8	#Max	QPSK	24.87	1.09	25.96	PASS
Band66	3	132322	15	#0	QPSK	24.90	1.09	25.99	PASS
Band66	3	132322	1	#0	16QAM	24.94	1.09	26.03	PASS
Band66	3	132322	1	#Mid	16QAM	24.90	1.09	25.99	PASS
Band66	3	132322	1	#Max	16QAM	24.94	1.09	26.03	PASS
Band66	3	132322	8	#0	16QAM	24.00	1.09	25.09	PASS
Band66	3	132322	8	#Mid	16QAM	24.05	1.09	25.14	PASS
Band66	3	132322	8	#Max	16QAM	23.99	1.09	25.08	PASS
Band66	3	132322	15	#0	16QAM	23.99	1.09	25.08	PASS
Band66	3	132657	1	#0	QPSK	25.53	1.09	26.62	PASS
Band66	3	132657	1	#Mid	QPSK	25.66	1.09	26.75	PASS
Band66	3	132657	1	#Max	QPSK	25.65	1.09	26.74	PASS
Band66	3	132657	8	#0	QPSK	24.49	1.09	25.58	PASS
Band66	3	132657	8	#Mid	QPSK	24.51	1.09	25.60	PASS
Band66	3	132657	8	#Max	QPSK	24.43	1.09	25.52	PASS
Band66	3	132657	15	#0	QPSK	24.49	1.09	25.58	PASS
Band66	3	132657	1	#0	16QAM	24.45	1.09	25.54	PASS
Band66	3	132657	1	#Mid	16QAM	24.47	1.09	25.56	PASS
Band66	3	132657	1	#Max	16QAM	24.46	1.09	25.55	PASS
Band66	3	132657	8	#0	16QAM	23.53	1.09	24.62	PASS
Band66	3	132657	8	#Mid	16QAM	23.45	1.09	24.54	PASS
Band66	3	132657	8	#Max	16QAM	23.48	1.09	24.57	PASS
Band66	3	132657	15	#0	16QAM	23.61	1.09	24.70	PASS
Band66	5	131997	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	5	131997	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	5	131997	1	#Max	QPSK	25.54	1.09	26.63	PASS
Band66	5	131997	12	#0	QPSK	24.58	1.09	25.67	PASS
Band66	5	131997	12	#Mid	QPSK	24.75	1.09	25.84	PASS
Band66	5	131997	12	#Max	QPSK	24.67	1.09	25.76	PASS
Band66	5	131997	25	#0	QPSK	24.63	1.09	25.72	PASS
Band66	5	131997	1	#0	16QAM	24.52	1.09	25.61	PASS
Band66	5	131997	1	#Mid	16QAM	23.61	1.09	24.70	PASS
Band66	5	131997	1	#Max	16QAM	25.49	1.09	26.58	PASS
Band66	5	131997	12	#0	16QAM	23.56	1.09	24.65	PASS
Band66	5	131997	12	#Mid	16QAM	23.63	1.09	24.72	PASS
Band66	5	131997	12	#Max	16QAM	23.67	1.09	24.76	PASS
Band66	5	131997	25	#0	16QAM	23.86	1.09	24.95	PASS
Band66	5	132322	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	5	132322	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	5	132322	1	#Max	QPSK	25.54	1.09	26.63	PASS
Band66	5	132322	12	#0	QPSK	25.06	1.09	26.15	PASS
Band66	5	132322	12	#Mid	QPSK	24.95	1.09	26.04	PASS
Band66	5	132322	12	#Max	QPSK	25.04	1.09	26.13	PASS
Band66	5	132322	25	#0	QPSK	24.93	1.09	26.02	PASS
Band66	5	132322	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	5	132322	1	#Mid	16QAM	25.04	1.09	26.13	PASS
Band66	5	132322	1	#Max	16QAM	23.61	1.09	24.70	PASS
Band66	5	132322	12	#0	16QAM	23.79	1.09	24.88	PASS
Band66	5	132322	12	#Mid	16QAM	23.81	1.09	24.90	PASS
Band66	5	132322	12	#Max	16QAM	23.77	1.09	24.86	PASS

Band66	5	132322	25	#0	16QAM	23.94	1.09	25.03	PASS
Band66	5	132647	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	5	132647	1	#Mid	QPSK	25.34	1.09	26.43	PASS
Band66	5	132647	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	5	132647	12	#0	QPSK	24.57	1.09	25.66	PASS
Band66	5	132647	12	#Mid	QPSK	24.55	1.09	25.64	PASS
Band66	5	132647	12	#Max	QPSK	24.53	1.09	25.62	PASS
Band66	5	132647	25	#0	QPSK	24.57	1.09	25.66	PASS
Band66	5	132647	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	5	132647	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	5	132647	1	#Max	16QAM	25.54	1.09	26.63	PASS
Band66	5	132647	12	#0	16QAM	23.50	1.09	24.59	PASS
Band66	5	132647	12	#Mid	16QAM	23.49	1.09	24.58	PASS
Band66	5	132647	12	#Max	16QAM	23.45	1.09	24.54	PASS
Band66	5	132647	25	#0	16QAM	23.65	1.09	24.74	PASS
Band66	10	132022	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	10	132022	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	10	132022	1	#Max	QPSK	25.63	1.09	26.72	PASS
Band66	10	132022	25	#0	QPSK	24.71	1.09	25.80	PASS
Band66	10	132022	25	#Mid	QPSK	24.66	1.09	25.75	PASS
Band66	10	132022	25	#Max	QPSK	24.66	1.09	25.75	PASS
Band66	10	132022	50	#0	QPSK	24.69	1.09	25.78	PASS
Band66	10	132022	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	10	132022	1	#Mid	16QAM	25.61	1.09	26.70	PASS
Band66	10	132022	1	#Max	16QAM	23.61	1.09	24.70	PASS
Band66	10	132022	25	#0	16QAM	25.49	1.09	26.58	PASS
Band66	10	132022	25	#Mid	16QAM	23.64	1.09	24.73	PASS
Band66	10	132022	25	#Max	16QAM	23.66	1.09	24.75	PASS
Band66	10	132022	50	#0	16QAM	23.64	1.09	24.73	PASS
Band66	10	132322	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	10	132322	1	#Mid	QPSK	25.92	1.09	27.01	PASS
Band66	10	132322	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	10	132322	25	#0	QPSK	24.99	1.09	26.08	PASS
Band66	10	132322	25	#Mid	QPSK	24.99	1.09	26.08	PASS
Band66	10	132322	25	#Max	QPSK	24.91	1.09	26.00	PASS
Band66	10	132322	50	#0	QPSK	25.03	1.09	26.12	PASS
Band66	10	132322	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	10	132322	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	10	132322	1	#Max	16QAM	25.54	1.09	26.63	PASS
Band66	10	132322	25	#0	16QAM	24.00	1.09	25.09	PASS
Band66	10	132322	25	#Mid	16QAM	23.98	1.09	25.07	PASS
Band66	10	132322	25	#Max	16QAM	24.03	1.09	25.12	PASS
Band66	10	132322	50	#0	16QAM	23.95	1.09	25.04	PASS
Band66	10	132622	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	10	132622	1	#Mid	QPSK	25.64	1.09	26.73	PASS
Band66	10	132622	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	10	132622	25	#0	QPSK	24.65	1.09	25.74	PASS
Band66	10	132622	25	#Mid	QPSK	24.54	1.09	25.63	PASS
Band66	10	132622	25	#Max	QPSK	24.52	1.09	25.61	PASS
Band66	10	132622	50	#0	QPSK	24.72	1.09	25.81	PASS
Band66	10	132622	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	10	132622	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	10	132622	1	#Max	16QAM	24.82	1.09	25.91	PASS
Band66	10	132622	25	#0	16QAM	23.59	1.09	24.68	PASS
Band66	10	132622	25	#Mid	16QAM	23.69	1.09	24.78	PASS
Band66	10	132622	25	#Max	16QAM	23.57	1.09	24.66	PASS
Band66	10	132622	50	#0	16QAM	23.58	1.09	24.67	PASS

Band66	15	132047	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	15	132047	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	15	132047	1	#Max	QPSK	25.62	1.09	26.71	PASS
Band66	15	132047	36	#0	QPSK	24.66	1.09	25.75	PASS
Band66	15	132047	36	#Mid	QPSK	24.66	1.09	25.75	PASS
Band66	15	132047	36	#Max	QPSK	24.56	1.09	25.65	PASS
Band66	15	132047	75	#0	QPSK	24.70	1.09	25.79	PASS
Band66	15	132047	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	15	132047	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	15	132047	1	#Max	16QAM	25.54	1.09	26.63	PASS
Band66	15	132047	36	#0	16QAM	23.66	1.09	24.75	PASS
Band66	15	132047	36	#Mid	16QAM	23.72	1.09	24.81	PASS
Band66	15	132047	36	#Max	16QAM	23.72	1.09	24.81	PASS
Band66	15	132047	75	#0	16QAM	23.68	1.09	24.77	PASS
Band66	15	132322	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	15	132322	1	#Mid	QPSK	25.87	1.09	26.96	PASS
Band66	15	132322	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	15	132322	36	#0	QPSK	24.76	1.09	25.85	PASS
Band66	15	132322	36	#Mid	QPSK	25.02	1.09	26.11	PASS
Band66	15	132322	36	#Max	QPSK	24.85	1.09	25.94	PASS
Band66	15	132322	75	#0	QPSK	24.98	1.09	26.07	PASS
Band66	15	132322	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	15	132322	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	15	132322	1	#Max	16QAM	25.56	1.09	26.65	PASS
Band66	15	132322	36	#0	16QAM	23.95	1.09	25.04	PASS
Band66	15	132322	36	#Mid	16QAM	24.05	1.09	25.14	PASS
Band66	15	132322	36	#Max	16QAM	24.06	1.09	25.15	PASS
Band66	15	132322	75	#0	16QAM	23.88	1.09	24.97	PASS
Band66	15	132597	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	15	132597	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	15	132597	1	#Max	QPSK	25.54	1.09	26.63	PASS
Band66	15	132597	36	#0	QPSK	24.69	1.09	25.78	PASS
Band66	15	132597	36	#Mid	QPSK	24.56	1.09	25.65	PASS
Band66	15	132597	36	#Max	QPSK	24.58	1.09	25.67	PASS
Band66	15	132597	75	#0	QPSK	24.60	1.09	25.69	PASS
Band66	15	132597	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	15	132597	1	#Mid	16QAM	25.41	1.09	26.50	PASS
Band66	15	132597	1	#Max	16QAM	23.61	1.09	24.70	PASS
Band66	15	132597	36	#0	16QAM	23.64	1.09	24.73	PASS
Band66	15	132597	36	#Mid	16QAM	23.49	1.09	24.58	PASS
Band66	15	132597	36	#Max	16QAM	23.48	1.09	24.57	PASS
Band66	15	132597	75	#0	16QAM	23.62	1.09	24.71	PASS
Band66	20	132072	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	20	132072	1	#Mid	QPSK	25.78	1.09	26.87	PASS
Band66	20	132072	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	20	132072	50	#0	QPSK	24.72	1.09	25.81	PASS
Band66	20	132072	50	#Mid	QPSK	24.68	1.09	25.77	PASS
Band66	20	132072	50	#Max	QPSK	24.72	1.09	25.81	PASS
Band66	20	132072	100	#0	QPSK	24.59	1.09	25.68	PASS
Band66	20	132072	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	20	132072	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	20	132072	1	#Max	16QAM	25.54	1.09	26.63	PASS
Band66	20	132072	50	#0	16QAM	23.72	1.09	24.81	PASS
Band66	20	132072	50	#Mid	16QAM	23.84	1.09	24.93	PASS
Band66	20	132072	50	#Max	16QAM	23.78	1.09	24.87	PASS
Band66	20	132072	100	#0	16QAM	23.73	1.09	24.82	PASS
Band66	20	132322	1	#0	QPSK	23.61	1.09	24.70	PASS

Band66	20	132322	1	#Mid	QPSK	25.49	1.09	26.58	PASS
Band66	20	132322	1	#Max	QPSK	26.27	1.09	27.36	PASS
Band66	20	132322	50	#0	QPSK	24.87	1.09	25.96	PASS
Band66	20	132322	50	#Mid	QPSK	25.05	1.09	26.14	PASS
Band66	20	132322	50	#Max	QPSK	24.99	1.09	26.08	PASS
Band66	20	132322	100	#0	QPSK	24.99	1.09	26.08	PASS
Band66	20	132322	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	20	132322	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	20	132322	1	#Max	16QAM	24.41	1.09	25.50	PASS
Band66	20	132322	50	#0	16QAM	23.85	1.09	24.94	PASS
Band66	20	132322	50	#Mid	16QAM	23.93	1.09	25.02	PASS
Band66	20	132322	50	#Max	16QAM	23.98	1.09	25.07	PASS
Band66	20	132322	100	#0	16QAM	23.93	1.09	25.02	PASS
Band66	20	132572	1	#0	QPSK	23.61	1.09	24.70	PASS
Band66	20	132572	1	#Mid	QPSK	25.69	1.09	26.78	PASS
Band66	20	132572	1	#Max	QPSK	23.61	1.09	24.70	PASS
Band66	20	132572	50	#0	QPSK	24.74	1.09	25.83	PASS
Band66	20	132572	50	#Mid	QPSK	24.73	1.09	25.82	PASS
Band66	20	132572	50	#Max	QPSK	24.58	1.09	25.67	PASS
Band66	20	132572	100	#0	QPSK	24.67	1.09	25.76	PASS
Band66	20	132572	1	#0	16QAM	23.61	1.09	24.70	PASS
Band66	20	132572	1	#Mid	16QAM	25.49	1.09	26.58	PASS
Band66	20	132572	1	#Max	16QAM	24.78	1.09	25.87	PASS
Band66	20	132572	50	#0	16QAM	23.79	1.09	24.88	PASS
Band66	20	132572	50	#Mid	16QAM	23.77	1.09	24.86	PASS
Band66	20	132572	50	#Max	16QAM	23.63	1.09	24.72	PASS
Band66	20	132572	100	#0	16QAM	23.68	1.09	24.77	PASS

14.2 Transmit Antennas and SAR Measurement Position

EUT Antenna Location:

Antennas	Support Band
Main	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17/25/26/66 TX
DIV	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17/25/26/66 RX
BT/WIFI	Bluetooth + WIFI 2.4G + WIFI 5G

Distance of The Antenna to the EUT surface and edge (mm)						
Antennas	Front	Back	Top Side	Bottom Side	Left Side	Right Side
Main	<25	<25	151	<25	55	<25
BT/WIFI	<25	<25	<25	140	58	<25

Positions for SAR tests; Hotspot mode						
Antennas	Front	Back	Top Side	Bottom Side	Left Side	Right Side
Main	Yes	Yes	No	Yes	No	Yes
BT/WIFI	Yes	Yes	Yes	No	No	Yes

14.3 Measured and Reported (Scaled) SAR Results

The calculated SAR is obtained by the following formula:

1. Reported SAR for WWAN=Measured SAR * Tune-up Scaling factor
2. Reported SAR for WLAN and Bluetooth=Measured SAR * Tune-up Scaling factor * Duty Cycle Scaling factor
3. Duty Cycle Scaling factor=1/ Duty Cycle (%)

KDB 447498 D01 General RF Exposure Guidance:

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:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 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
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR v01r03:

1. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.
2. when the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, using the same wireless mode test configuration for voice and data, such as UMTS, LTE and Wi-Fi, and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface)
3. For Smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

KDB 941225 D01 3G SAR Procedures:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤1/4dB higher than the primary mode (RMC12.2kbps) 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.

KDB 941225 D05 SAR for LTE Devices:

1. Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
2. When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
3. Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
4. SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is ≤ ½ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.
5. Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

WIFI 2.4G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	802.11b	Left Cheek	2437	13.83	14.0	1.040	0.204	0.212	
		Left Tilt	2437	13.83	14.0	1.040	0.235	0.244	
		Right Cheek	2437	13.83	14.0	1.040	0.089	0.093	
		Right Tilt	2437	13.83	14.0	1.040	0.130	0.135	
Body & Hotspot	802.11b	Front Face	2437	13.83	14.0	1.040	0.245	**0.255**	**1**
		Back Face	2437	13.83	14.0	1.040	0.156	0.162	
Hotspot	802.11b	Right Side	2437	13.83	14.0	1.040	0.084	0.087	
		Top Side	2437	13.83	14.0	1.040	0.098	0.102	

WIFI 5.1G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	802.11a	Left Cheek	5200	13.89	14.0	1.026	0.323	0.331	
		Left Tilt	5200	13.89	14.0	1.026	0.301	0.309	
		Right Cheek	5200	13.89	14.0	1.026	0.371	0.381	
		Right Tilt	5200	13.89	14.0	1.026	0.274	0.281	
Body & Hotspot	802.11a	Front Face	5200	13.89	14.0	1.026	0.370	0.379	
		Back Face	5200	13.89	14.0	1.026	0.280	0.287	
Hotspot	802.11a	Right Side	5200	13.89	14.0	1.026	0.487	**0.499**	**2**
		Top Side	5200	13.89	14.0	1.026	0.468	0.480	

WIFI 5.8G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	802.11a	Left Cheek	5785	11.92	12.0	1.019	0.309	0.315	
		Left Tilt	5785	11.92	12.0	1.019	0.411	0.419	
		Right Cheek	5785	11.92	12.0	1.019	0.366	0.373	
		Right Tilt	5785	11.92	12.0	1.019	0.448	0.456	
Body & Hotspot	802.11a	Front Face	5785	11.92	12.0	1.019	0.472	0.481	
		Back Face	5785	11.92	12.0	1.019	0.351	0.358	
Hotspot	802.11a	Right Side	5785	11.92	12.0	1.019	0.403	0.410	
		Top Side	5785	11.92	12.0	1.019	0.572	**0.583**	**3**

Remark:
1. The value with the bold is the maximum SAR Value of each test band.
2. Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels SAR tests are not necessary.

GSM 850									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	GSM	Left Cheek	848.8	34.61	35.0	1.094	0.074	0.081	
		Left Tilt	848.8	34.61	35.0	1.094	0.109	0.119	
		Right Cheek	848.8	34.61	35.0	1.094	0.075	0.082	
		Right Tilt	848.8	34.61	35.0	1.094	0.085	0.093	
Body & Hotspot	GSM	Front Face	848.8	34.61	35.0	1.094	0.320	0.350	
		Back Face	848.8	34.61	35.0	1.094	0.717	**0.784**	**4**
	GPRS Slot-2	Front Face	824.2	31.99	32.0	1.002	0.290	0.291	
		Back Face	824.2	31.99	32.0	1.002	0.656	0.658	
Hotspot	GSM	Right Side	848.8	34.61	35.0	1.094	0.233	0.255	
		Bottom Side	848.8	34.61	35.0	1.094	0.409	0.447	

GSM 1900									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	GSM	Left Cheek	1909.8	32.42	32.5	1.019	0.106	0.108	
		Left Tilt	1909.8	32.42	32.5	1.019	0.108	0.110	
		Right Cheek	1909.8	32.42	32.5	1.019	0.158	0.161	
		Right Tilt	1909.8	32.42	32.5	1.019	0.133	0.135	
Body & Hotspot	GSM	Front Face	1909.8	32.42	32.5	1.019	0.194	0.198	
		Back Face	1909.8	32.42	32.5	1.019	0.620	**0.632**	**5**
	GPRS Slot-4	Front Face	1880	25.36	25.5	1.033	0.204	0.211	
		Back Face	1880	25.36	25.5	1.033	0.612	0.632	
Hotspot	GSM	Right Side	1909.8	32.42	32.5	1.019	0.265	0.270	
		Bottom Side	1909.8	32.42	32.5	1.019	0.489	0.498	

WCDMA Band 2									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	RMC	Left Cheek	1907.6	25.25	25.5	1.059	0.108	0.114	
		Left Tilt	1907.6	25.25	25.5	1.059	0.136	0.144	
		Right Cheek	1907.6	25.25	25.5	1.059	0.159	0.168	
		Right Tilt	1907.6	25.25	25.5	1.059	0.098	0.104	
Body & Hotspot	RMC	Front Face	1907.6	25.25	25.5	1.059	0.238	0.252	
		Back Face	1907.6	25.25	25.5	1.059	0.924	0.979	
		Back Face	1852.4	25.00	25.5	1.122	0.890	**0.999**	**6**
		Back Face	1880	25.24	25.5	1.062	0.906	0.962	
Hotspot	RMC	Right Side	1907.6	25.25	25.5	1.059	0.428	0.453	
		Bottom Side	1907.6	25.25	25.5	1.059	0.706	0.748	

WCDMA Band 4									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	RMC	Left Cheek	1752.6	25.44	25.5	1.014	0.156	0.158	
		Left Tilt	1752.6	25.44	25.5	1.014	0.150	0.152	
		Right Cheek	1752.6	25.44	25.5	1.014	0.130	0.132	
		Right Tilt	1752.6	25.44	25.5	1.014	0.067	0.068	
Body & Hotspot	RMC	Front Face	1752.6	25.44	25.5	1.014	0.100	0.101	
		Back Face	1752.6	25.44	25.5	1.014	0.224	**0.227**	**7**
Hotspot	RMC	Right Side	1752.6	25.44	25.5	1.014	0.135	0.137	
		Bottom Side	1752.6	25.44	25.5	1.014	0.170	0.172	

WCDMA Band 5									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	RMC	Left Cheek	836.4	24.37	24.5	1.030	0.113	0.116	
		Left Tilt	836.4	24.37	24.5	1.030	0.086	0.089	
		Right Cheek	836.4	24.37	24.5	1.030	0.100	0.103	
		Right Tilt	836.4	24.37	24.5	1.030	0.141	0.145	
Body & Hotspot	RMC	Front Face	836.4	24.37	24.5	1.030	0.269	0.277	
		Back Face	836.4	24.37	24.5	1.030	0.678	**0.699**	**8**
Hotspot	RMC	Right Side	836.4	24.37	24.5	1.030	0.118	0.122	
		Bottom Side	836.4	24.37	24.5	1.030	0.265	0.273	

LTE Band 2 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	1880	26.06	26.5	1.107	0.116	0.128	
		Left Tilt	1880	26.06	26.5	1.107	0.111	0.123	
		Right Cheek	1880	26.06	26.5	1.107	0.087	0.096	
		Right Tilt	1880	26.06	26.5	1.107	0.057	0.063	
	QPSK, 50%RB	Left Cheek	1900	25.08	25.5	1.102	0.086	0.095	
		Left Tilt	1900	25.08	25.5	1.102	0.092	0.101	
		Right Cheek	1900	25.08	25.5	1.102	0.056	0.062	
		Right Tilt	1900	25.08	25.5	1.102	0.063	0.069	
Body & Hotspot	QPSK, 1RB	Front Face	1880	26.06	26.5	1.107	0.369	0.408	
		Back Face	1880	26.06	26.5	1.107	0.599	**0.663**	**9**
	QPSK, 50%RB	Front Face	1900	25.08	25.5	1.102	0.225	0.248	
		Back Face	1900	25.08	25.5	1.102	0.503	0.554	
Hotspot	QPSK, 1RB	Right Side	1880	26.06	26.5	1.107	0.308	0.341	
		Bottom Side	1880	26.06	26.5	1.107	0.402	0.445	
	QPSK, 50%RB	Right Side	1900	25.08	25.5	1.102	0.256	0.282	
		Bottom Side	1900	25.08	25.5	1.102	0.317	0.349	

LTE Band 4 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	1732.5	26.17	26.5	1.079	0.106	0.114	
		Left Tilt	1732.5	26.17	26.5	1.079	0.113	0.122	
		Right Cheek	1732.5	26.17	26.5	1.079	0.111	0.120	
		Right Tilt	1732.5	26.17	26.5	1.079	0.119	0.128	
	QPSK, 50%RB	Left Cheek	1745	25.02	25.5	1.117	0.089	0.099	
		Left Tilt	1745	25.02	25.5	1.117	0.072	0.080	
		Right Cheek	1745	25.02	25.5	1.117	0.102	0.114	
		Right Tilt	1745	25.02	25.5	1.117	0.085	0.095	
Body & Hotspot	QPSK, 1RB	Front Face	1732.5	26.17	26.5	1.079	0.084	0.091	
		Back Face	1732.5	26.17	26.5	1.079	0.268	**0.289**	**10**
	QPSK, 50%RB	Front Face	1745	25.02	25.5	1.117	0.066	0.074	
		Back Face	1745	25.02	25.5	1.117	0.198	0.221	
Hotspot	QPSK, 1RB	Right Side	1732.5	26.17	26.5	1.079	0.128	0.138	
		Bottom Side	1732.5	26.17	26.5	1.079	0.228	0.246	
	QPSK, 50%RB	Right Side	1745	25.02	25.5	1.117	0.112	0.125	
		Bottom Side	1745	25.02	25.5	1.117	0.209	0.233	

LTE Band 5 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	829	25.02	25.5	1.117	0.174	0.194	
		Left Tilt	829	25.02	25.5	1.117	0.065	0.073	
		Right Cheek	829	25.02	25.5	1.117	0.190	0.212	
		Right Tilt	829	25.02	25.5	1.117	0.174	0.194	
	QPSK, 50%RB	Left Cheek	829	23.97	24.0	1.007	0.125	0.126	
		Left Tilt	829	23.97	24.0	1.007	0.095	0.096	
		Right Cheek	829	23.97	24.0	1.007	0.121	0.122	
		Right Tilt	829	23.97	24.0	1.007	0.157	0.158	
Body & Hotspot	QPSK, 1RB	Front Face	829	25.02	25.5	1.117	0.453	0.506	
		Back Face	829	25.02	25.5	1.117	0.590	**0.659**	**11**
	QPSK, 50%RB	Front Face	829	23.97	24.0	1.007	0.315	0.317	
		Back Face	829	23.97	24.0	1.007	0.420	0.423	
Hotspot	QPSK, 1RB	Right Side	829	25.02	25.5	1.117	0.285	0.318	
		Bottom Side	829	25.02	25.5	1.117	0.441	0.493	
	QPSK, 50%RB	Right Side	829	23.97	24.0	1.007	0.199	0.200	
		Bottom Side	829	23.97	24.0	1.007	0.253	0.255	

LTE Band 7 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	2510	23.93	24.0	1.016	0.215	0.215	
		Left Tilt	2510	23.93	24.0	1.016	0.131	0.131	
		Right Cheek	2510	23.93	24.0	1.016	0.190	0.190	
		Right Tilt	2510	23.93	24.0	1.016	0.190	0.190	
	QPSK, 50%RB	Left Cheek	2510	24.07	24.5	1.104	0.203	0.224	
		Left Tilt	2510	24.07	24.5	1.104	0.125	0.138	
		Right Cheek	2510	24.07	24.5	1.104	0.152	0.168	
		Right Tilt	2510	24.07	24.5	1.104	0.113	0.125	
	QPSK, 100%RB	Left Cheek	2510	24.04	24.5	1.112	0.163	0.181	
Body & Hotspot	QPSK, 1RB	Front Face	2510	23.93	24.0	1.016	0.160	0.163	
		Back Face	2510	23.93	24.0	1.016	0.249	**0.253**	**12**
	QPSK, 50%RB	Front Face	2510	24.07	24.5	1.104	0.163	0.180	
		Back Face	2510	24.07	24.5	1.104	0.220	0.243	
	QPSK, 100%RB	Back Face	2510	24.04	24.5	1.112	0.123	0.137	
Hotspot	QPSK, 1RB	Right Side	2510	23.93	24.0	1.016	0.241	0.245	
		Bottom Side	2510	23.93	24.0	1.016	0.240	0.244	
	QPSK, 50%RB	Right Side	2510	24.07	24.5	1.104	0.146	0.161	
		Bottom Side	2510	24.07	24.5	1.104	0.198	0.219	

LTE Band 12 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	707.5	24.62	25.0	1.091	0.250	0.273	
		Left Tilt	707.5	24.62	25.0	1.091	0.202	0.220	
		Right Cheek	707.5	24.62	25.0	1.091	0.269	0.294	
		Right Tilt	707.5	24.62	25.0	1.091	0.230	0.251	
	QPSK, 50%RB	Left Cheek	711	23.70	24.0	1.072	0.223	0.239	
		Left Tilt	711	23.70	24.0	1.072	0.196	0.210	
		Right Cheek	711	23.70	24.0	1.072	0.256	0.274	
		Right Tilt	711	23.70	24.0	1.072	0.228	0.244	
Body & Hotspot	QPSK, 1RB	Front Face	707.5	24.62	25.0	1.091	0.212	0.231	
		Back Face	707.5	24.62	25.0	1.091	0.512	**0.559**	**13**
	QPSK, 50%RB	Front Face	711	23.70	24.0	1.072	0.188	0.201	
		Back Face	711	23.70	24.0	1.072	0.469	0.503	
Hotspot	QPSK, 1RB	Right Side	707.5	24.62	25.0	1.091	0.262	0.286	
		Bottom Side	707.5	24.62	25.0	1.091	0.294	0.321	
	QPSK, 50%RB	Right Side	711	23.70	24.0	1.072	0.227	0.243	
		Bottom Side	711	23.70	24.0	1.072	0.286	0.306	

LTE Band 17 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	710	24.57	25.0	1.104	0.080	0.088	
		Left Tilt	710	24.57	25.0	1.104	0.064	0.071	
		Right Cheek	710	24.57	25.0	1.104	0.163	0.180	
		Right Tilt	710	24.57	25.0	1.104	0.211	0.233	
	QPSK, 50%RB	Left Cheek	711	23.64	24.0	1.086	0.055	0.060	
		Left Tilt	711	23.64	24.0	1.086	0.061	0.066	
		Right Cheek	711	23.64	24.0	1.086	0.128	0.139	
		Right Tilt	711	23.64	24.0	1.086	0.185	0.201	
Body & Hotspot	QPSK, 1RB	Front Face	710	24.57	25.0	1.104	0.376	0.415	
		Back Face	710	24.57	25.0	1.104	0.422	**0.466**	**14**
	QPSK, 50%RB	Front Face	711	23.64	24.0	1.086	0.326	0.354	
		Back Face	711	23.64	24.0	1.086	0.379	0.412	
Hotspot	QPSK, 1RB	Right Side	710	24.57	25.0	1.104	0.282	0.311	
		Bottom Side	710	24.57	25.0	1.104	0.232	0.256	
	QPSK, 50%RB	Right Side	711	23.64	24.0	1.086	0.241	0.262	
		Bottom Side	711	23.64	24.0	1.086	0.211	0.229	

LTE Band 25 (15MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	1905	26.13	26.5	1.089	0.087	0.095	
		Left Tilt	1905	26.13	26.5	1.089	0.125	0.136	
		Right Cheek	1905	26.13	26.5	1.089	0.183	0.199	
		Right Tilt	1905	26.13	26.5	1.089	0.157	0.171	
	QPSK, 50%RB	Left Cheek	1905	25.15	25.5	1.084	0.078	0.085	
		Left Tilt	1905	25.15	25.5	1.084	0.112	0.121	
		Right Cheek	1905	25.15	25.5	1.084	0.186	0.202	
		Right Tilt	1905	25.15	25.5	1.084	0.147	0.159	
Body & Hotspot	QPSK, 1RB	Front Face	1905	26.13	26.5	1.089	0.135	0.147	
		Back Face	1905	26.13	26.5	1.089	0.722	**0.786**	**15**
	QPSK, 50%RB	Front Face	1905	25.15	25.5	1.084	0.122	0.132	
		Back Face	1905	25.15	25.5	1.084	0.686	0.744	
Hotspot	QPSK, 1RB	Right Side	1905	26.13	26.5	1.089	0.194	0.211	
		Bottom Side	1905	26.13	26.5	1.089	0.366	0.399	
	QPSK, 50%RB	Right Side	1905	25.15	25.5	1.084	0.154	0.167	
		Bottom Side	1905	25.15	25.5	1.084	0.299	0.324	

LTE Band 26 (814-824) (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	819	24.76	25.0	1.057	0.071	0.075	
		Left Tilt	819	24.76	25.0	1.057	0.074	0.078	
		Right Cheek	819	24.76	25.0	1.057	0.206	0.218	
		Right Tilt	819	24.76	25.0	1.057	0.213	0.225	
	QPSK, 50%RB	Left Cheek	819	23.93	24.0	1.016	0.069	0.070	
		Left Tilt	819	23.93	24.0	1.016	0.066	0.067	
		Right Cheek	819	23.93	24.0	1.016	0.182	0.185	
		Right Tilt	819	23.93	24.0	1.016	0.169	0.172	
Body & Hotspot	QPSK, 1RB	Front Face	819	24.76	25.0	1.057	0.331	0.350	
		Back Face	819	24.76	25.0	1.057	0.637	**0.673**	**16**
	QPSK, 50%RB	Front Face	819	23.93	24.0	1.016	0.229	0.233	
		Back Face	819	23.93	24.0	1.016	0.536	0.545	
Hotspot	QPSK, 1RB	Right Side	819	24.76	25.0	1.057	0.551	0.582	
		Bottom Side	819	24.76	25.0	1.057	0.336	0.355	
	QPSK, 50%RB	Right Side	819	23.93	24.0	1.016	0.313	0.318	
		Bottom Side	819	23.93	24.0	1.016	0.335	0.340	

LTE Band 26 (824-849) (15MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	836.5	23.68	24.0	1.076	0.422	0.454	
		Left Tilt	836.5	23.68	24.0	1.076	0.213	0.229	
		Right Cheek	836.5	23.68	24.0	1.076	0.166	0.179	
		Right Tilt	836.5	23.68	24.0	1.076	0.308	0.332	
	QPSK, 50%RB	Left Cheek	836.5	24.21	24.5	1.069	0.326	0.349	
		Left Tilt	836.5	24.21	24.5	1.069	0.220	0.235	
		Right Cheek	836.5	24.21	24.5	1.069	0.129	0.138	
		Right Tilt	836.5	24.21	24.5	1.069	0.225	0.241	
	QPSK, 100%RB	Left Cheek	836.5	24.23	24.5	1.064	0.310	0.330	
Body & Hotspot	QPSK, 1RB	Front Face	836.5	23.68	24.0	1.076	0.229	0.247	
		Back Face	836.5	23.68	24.0	1.076	0.568	**0.611**	**17**
	QPSK, 50%RB	Front Face	836.5	24.21	24.5	1.069	0.215	0.230	
		Back Face	836.5	24.21	24.5	1.069	0.446	0.477	
	QPSK, 100%RB	Back Face	836.5	24.23	24.5	1.064	0.417	0.444	
Hotspot	QPSK, 1RB	Right Side	836.5	23.68	24.0	1.076	0.234	0.252	
		Bottom Side	836.5	23.68	24.0	1.076	0.260	0.280	
	QPSK, 50%RB	Right Side	836.5	24.21	24.5	1.069	0.216	0.231	
		Bottom Side	836.5	24.21	24.5	1.069	0.208	0.222	

LTE Band 66 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head	QPSK, 1RB	Left Cheek	1745	26.27	26.5	1.054	0.103	0.109	
		Left Tilt	1745	26.27	26.5	1.054	0.137	0.144	
		Right Cheek	1745	26.27	26.5	1.054	0.093	0.098	
		Right Tilt	1745	26.27	26.5	1.054	0.113	0.119	
	QPSK, 50%RB	Left Cheek	1745	25.05	25.5	1.109	0.052	0.058	
		Left Tilt	1745	25.05	25.5	1.109	0.126	0.140	
		Right Cheek	1745	25.05	25.5	1.109	0.098	0.109	
		Right Tilt	1745	25.05	25.5	1.109	0.108	0.120	
Body & Hotspot	QPSK, 1RB	Front Face	1745	26.27	26.5	1.054	0.168	0.177	
		Back Face	1745	26.27	26.5	1.054	0.342	**0.361**	**18**
	QPSK, 50%RB	Front Face	1745	25.05	25.5	1.109	0.098	0.109	
		Back Face	1745	25.05	25.5	1.109	0.121	0.134	
Hotspot	QPSK, 1RB	Right Side	1745	26.27	26.5	1.054	0.128	0.135	
		Bottom Side	1745	26.27	26.5	1.054	0.229	0.241	
	QPSK, 50%RB	Right Side	1745	25.05	25.5	1.109	0.256	0.284	
		Bottom Side	1745	25.05	25.5	1.109	0.132	0.146	

14.4 SAR Measurement Variability

According to KDB865664, Repeated measurements are required only when the measured SAR is ≥ 0.80 W/kg. If the measured SAR value of the initial repeated measurement is < 1.45 W/kg with ≤ 20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. A second repeated measurement is required only if the measured result for the initial repeated measurement is within 10% of the SAR limit and vary by more than 20%, which are often related to device and measurement setup difficulties. The following procedures are applied to determine if repeated measurements are required. The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.19 The repeated measurement results must be clearly identified in the SAR report. All measured SAR, including the repeated results, must be considered to determine compliance and for reporting according to KDB 690783.Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

1) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
2) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
3) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.
4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20

Test Mode	Frequency (MHz)	RF Exposure Configuration	Test Position	Repeated SAR (yes/no)	Highest Measured SAR1-g (W/Kg)	First Repeated	
						Measured SAR1-g (W/Kg)	Largest to Smallest SAR Ratio
WCDMA Band 2	1907.6	Body&Hotspot	Back Face	yes	0.924	0.903	1.023
WCDMA Band 2	1852.4	Body&Hotspot	Back Face	yes	0.890	0.855	1.041
WCDMA Band 2	1880	Body&Hotspot	Back Face	yes	0.906	0.878	1.032

14.5 Simultaneous Transmission Evaluation

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmiting antenna.

Application Simultaneous Transmission information:

No.	Configurations	Head SAR	Body SAR	Hotspot SAR
1	WWAN+WIFI	Yes	Yes	Yes
2	WWAN+Bluetooth	Yes	Yes	Yes
3	WIFI+Bluetooth	No	No	No

Remark:
1. WWAN cannot transmit simultaneously.
2. Bluetooth and WIFI share the same antenna and cannot transmit data at the same time.
3. According to the KDB 447498 D01 v06, when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
● (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHz)/x] W/kg for test separation distances ≤ 50 mm;
where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.
● 0.4 W/kg for 1-g SAR and 1.0 W/kg for 10-g SAR, when the test separation distances is > 50 mm

Estimated stand alone SAR						
Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (mW)	Separation Distance (mm)	X	Estimated SAR1-g (W/kg)
Bluetooth	2480	3.0	2.00	5	3	0.084
Bluetooth	2480	3.0	2.00	10	7.5	0.042

Note:
1. Bluetooth*- Including Lower power Bluetooth
2. Maximum average power including tune-up tolerance;
3. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

4. Per FCC KD B447498 D01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the transmitting antenna in a specific a physical test configuration is ≤1.6 W/Kg. When the sum is greater than the SAR limit, SAR test exclusion is determined by the SAR to peak location separation ratio.

$$\text{Ratio}=\frac{(SAR_1+SAR_2)^{1.5}}{(\text{peak location separation,mm})}<0.04$$

5. Simultaneous transmission of maximum SAR sum calculation.

RF Exposure Conditions	Test Position	Scaled SAR (W/kg)		Summed SAR (W/kg)	SAR1-g Limit (W/kg)
		WWAN	BT/WIFI		
Head	Left Cheek	0.454	0.331	0.785	1.6
	Left Tilt	0.235	0.419	0.654	1.6
	Right Cheek	0.294	0.381	0.675	1.6
	Right Tilt	0.332	0.456	**0.788**	1.6
Body& Hotspot	Front Face	0.506	0.481	0.987	1.6
	Back Face	0.999	0.358	**1.357**	1.6
Hotspot	Left Side	/	/	/	1.6
	Right Side	0.582	0.499	**1.081**	1.6
	Top Side	/	0.583	0.583	1.6
	Bottom Side	0.748	/	0.748	1.6

15. Test Plots

15.1 System Performance Check

System check at 750 MHz
Date of measurement: 26/2/2025

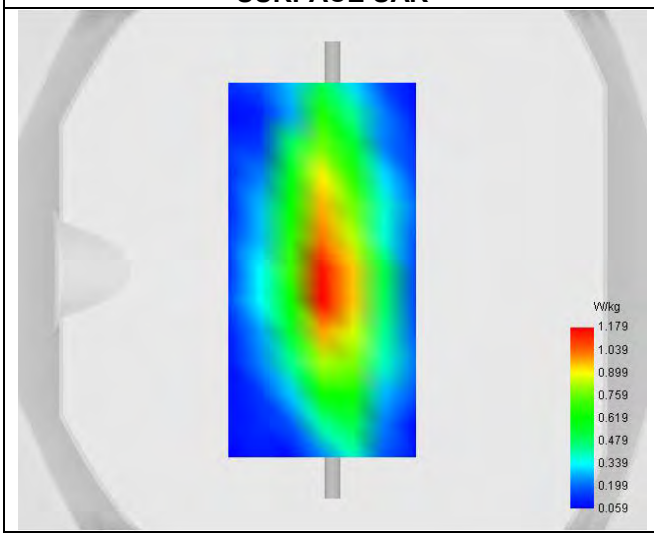
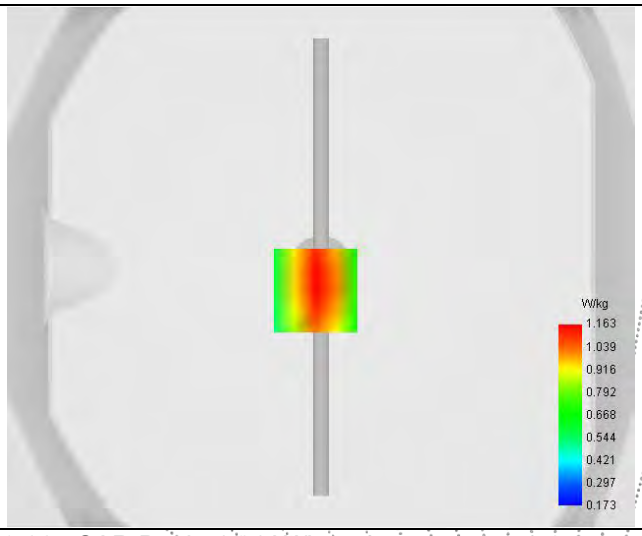
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.80
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	CW

B. Permitivity

Frequency (MHz)	750.000
Relative permitivity (real part)	40.365
Relative permitivity (imaginary part)	24.595
Conductivity (S/m)	0.887

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

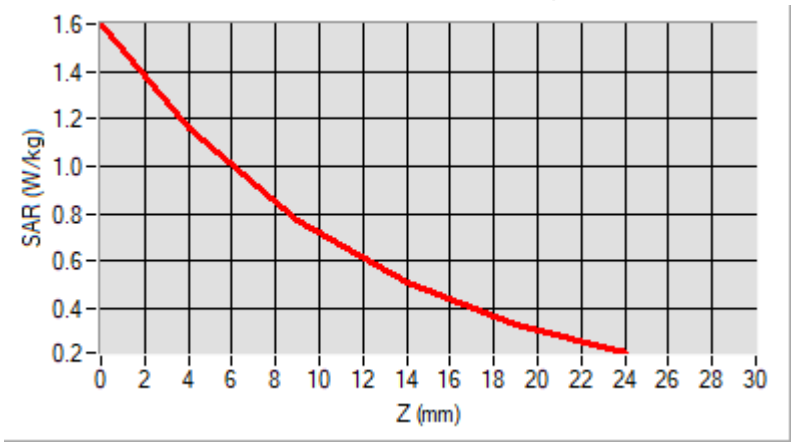
Maximum location: X=-2.00, Y=-9.00 ; SAR Peak: 1.61 W/kg

D. SAR 1g & 10g

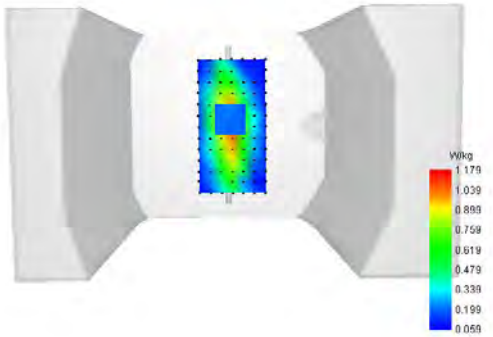
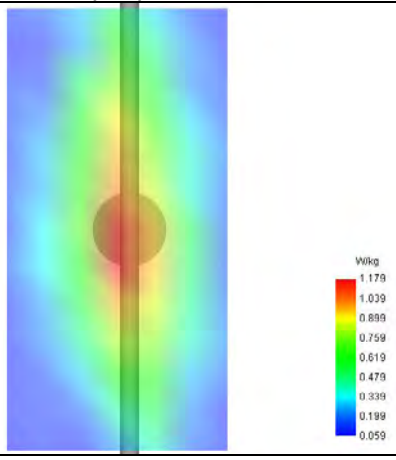
SAR 10g (W/Kg)	1.447
SAR 1g (W/Kg)	2.152
Variation (%)	0.632
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.603	1.163	0.769	0.506	0.333



F. 3D Image

3D screen shot	Hot spot position
	

System check at 835 MHz
Date of measurement: 27/2/2025

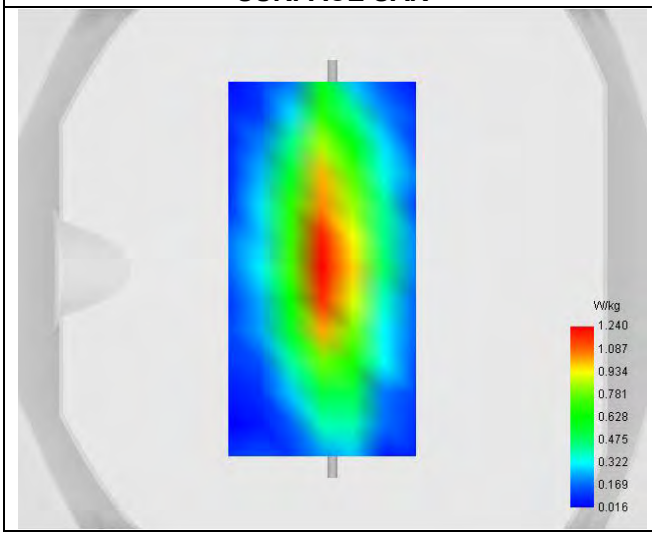
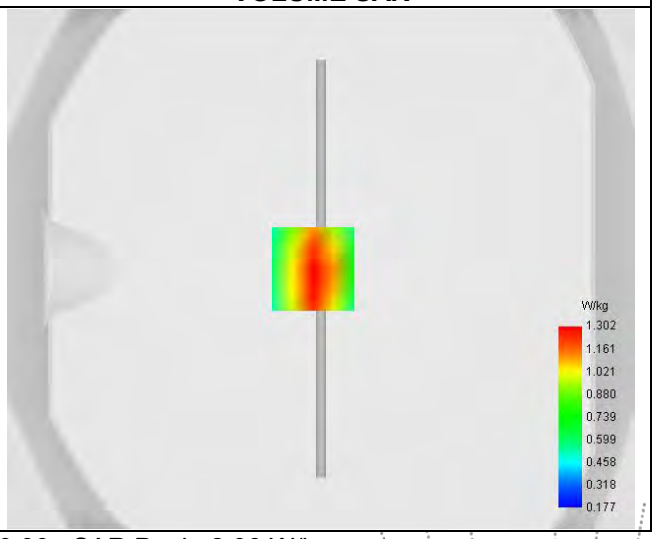
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	CW

B. Permitivity

Frequency (MHz)	835.000
Relative permitivity (real part)	39.855
Relative permitivity (imaginary part)	20.910
Conductivity (S/m)	0.883

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

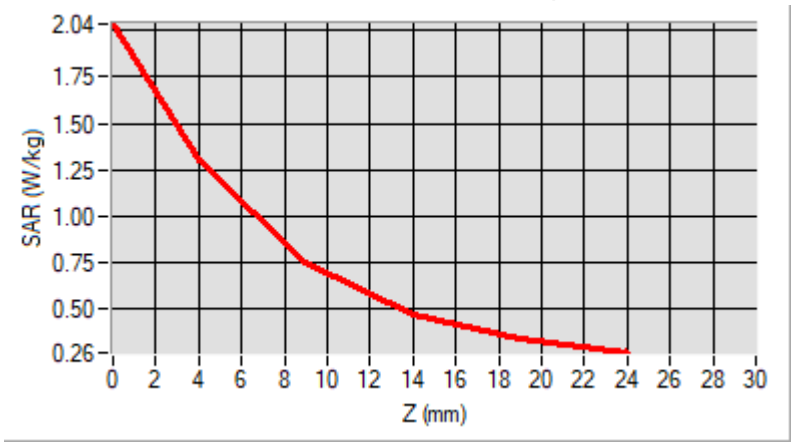
Maximum location: X=-3.00, Y=0.00 ; SAR Peak: 2.06 W/kg

D. SAR 1g & 10g

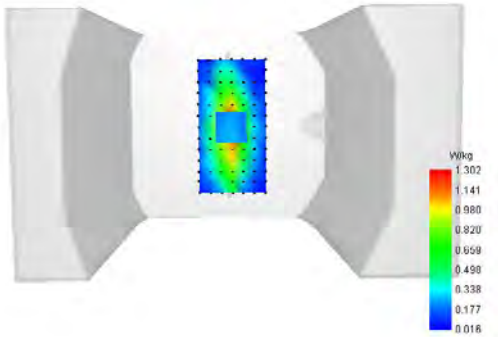
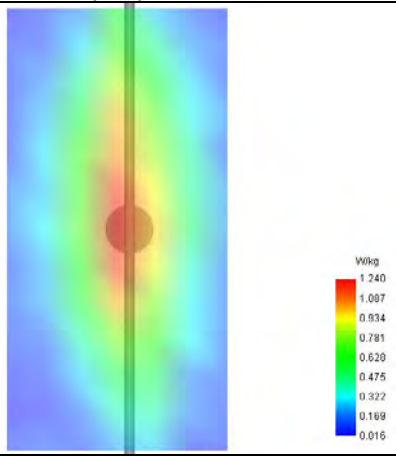
SAR 10g (W/Kg)	1.568
SAR 1g (W/Kg)	2.543
Variation (%)	3.040
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.036	1.302	0.747	0.462	0.331



F. 3D Image

3D screen shot	Hot spot position
	

System check at 1800 MHz
Date of measurement: 28/2/2025

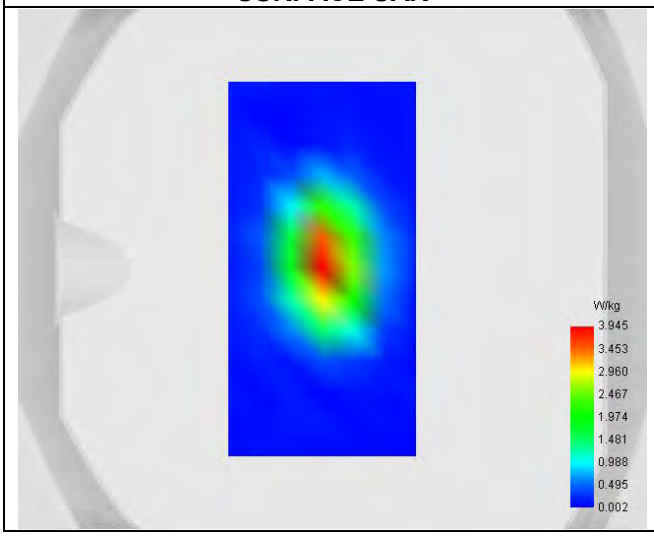
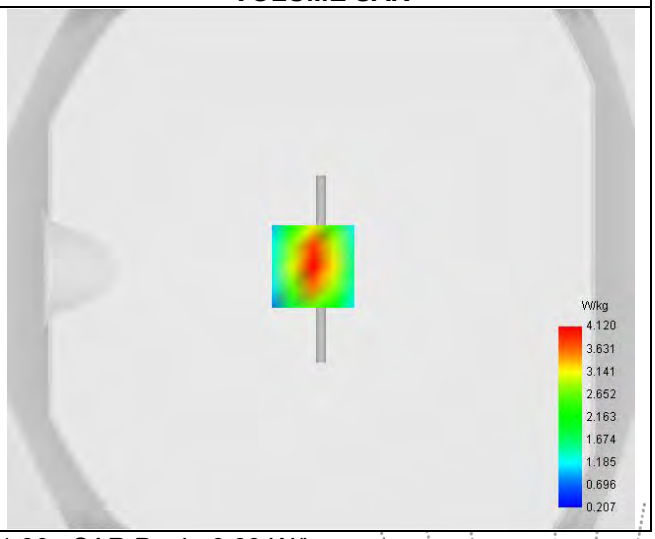
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.94
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW

B. Permitivity

Frequency (MHz)	1800.000
Relative permitivity (real part)	39.836
Relative permitivity (imaginary part)	15.200
Conductivity (S/m)	1.385

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

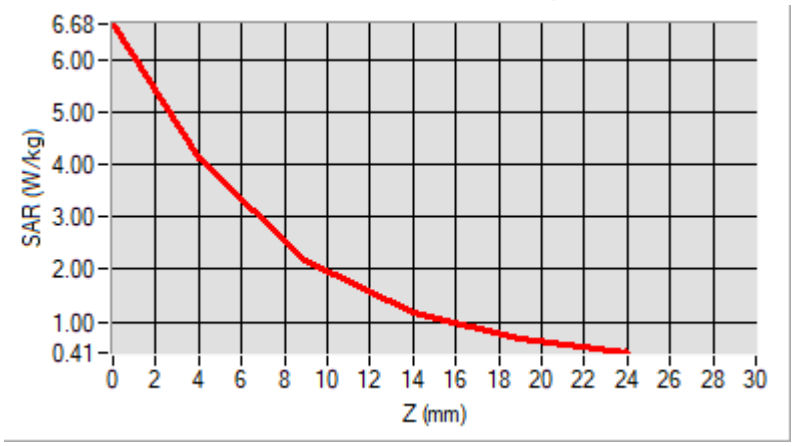
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 6.69 W/kg

D. SAR 1g & 10g

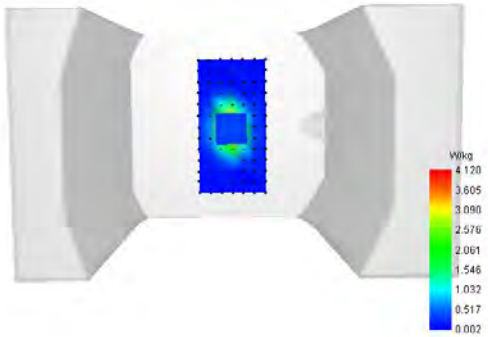
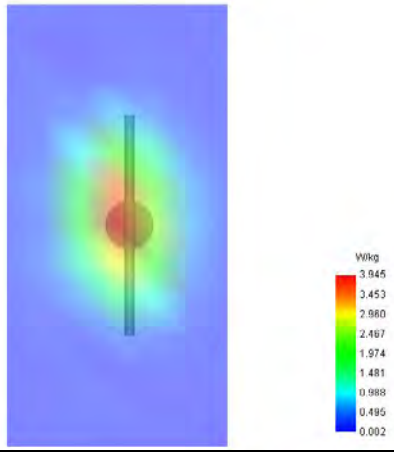
SAR 10g (W/Kg)	5.396
SAR 1g (W/Kg)	9.675
Variation (%)	-0.455
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.684	4.120	2.184	1.177	0.685



F. 3D Image

3D screen shot	Hot spot position
	

System check at 1900 MHz

Date of measurement: 3/3/2025

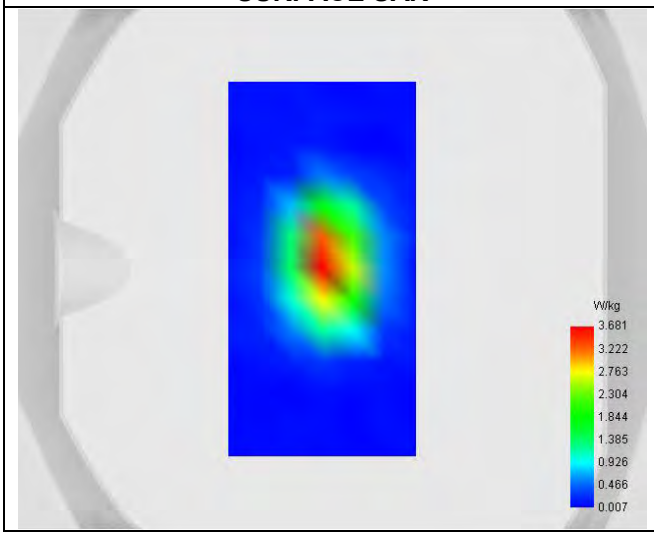
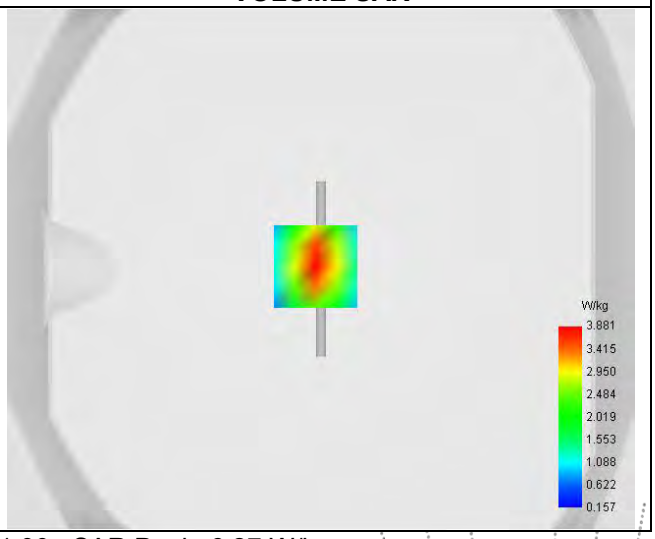
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW

B. Permitivity

Frequency (MHz)	1900.000
Relative permitivity (real part)	38.688
Relative permitivity (imaginary part)	14.400
Conductivity (S/m)	1.425

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

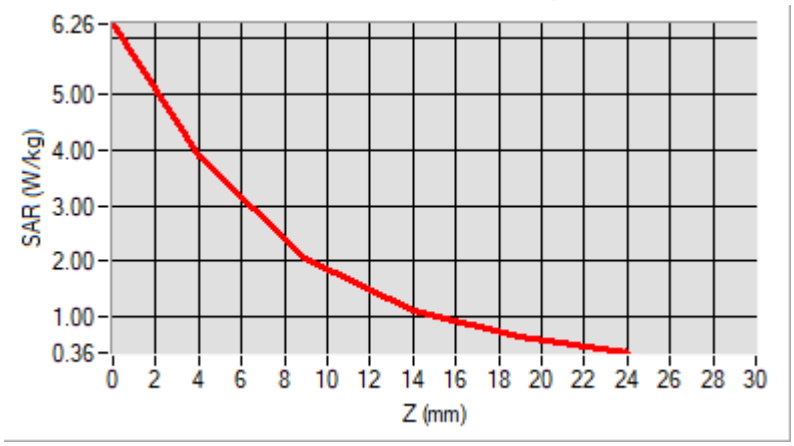
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 6.27 W/kg

D. SAR 1g & 10g

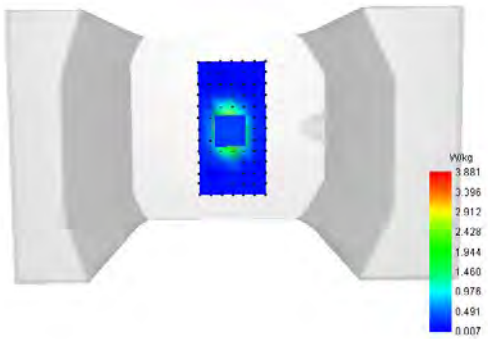
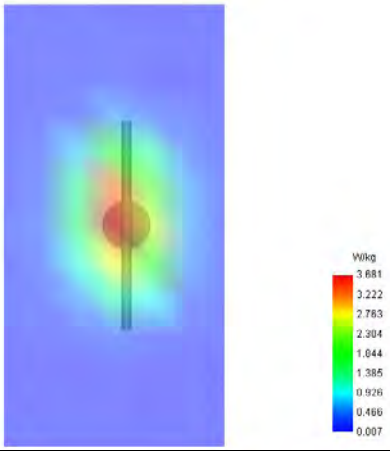
SAR 10g (W/Kg)	5.458
SAR 1g (W/Kg)	10.321
Variation (%)	0.282
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.259	3.881	2.069	1.111	0.634



F. 3D Image

3D screen shot	Hot spot position
	

System check at 2450 MHz
Date of measurement: 10/3/2025

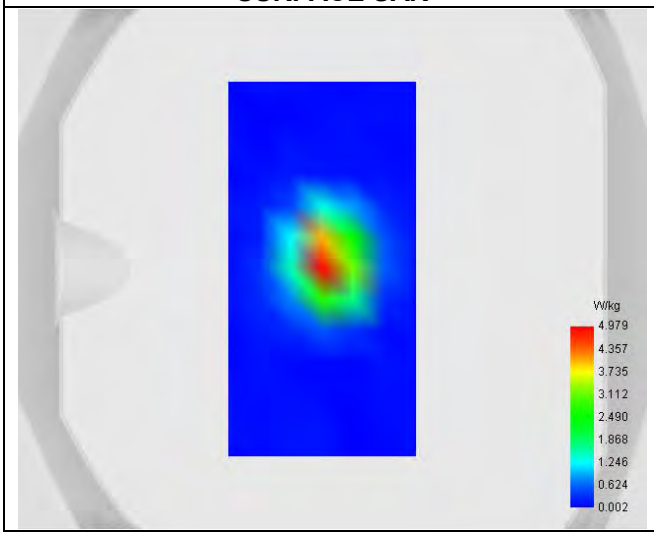
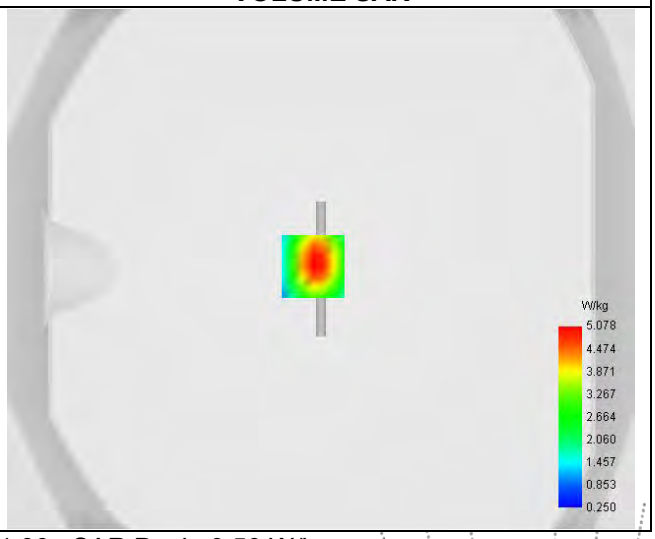
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW

B. Permitivity

Frequency (MHz)	2450.000
Relative permitivity (real part)	37.825
Relative permitivity (imaginary part)	14.330
Conductivity (S/m)	1.791

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

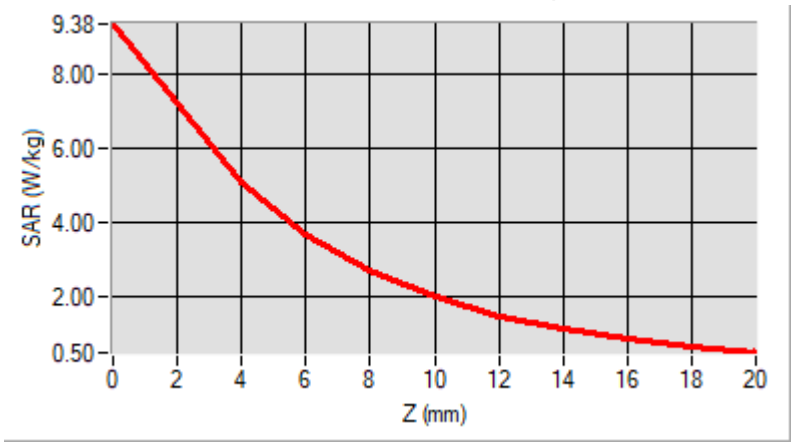
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 9.50 W/kg

D. SAR 1g & 10g

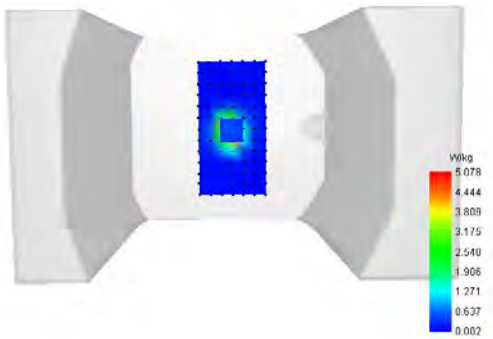
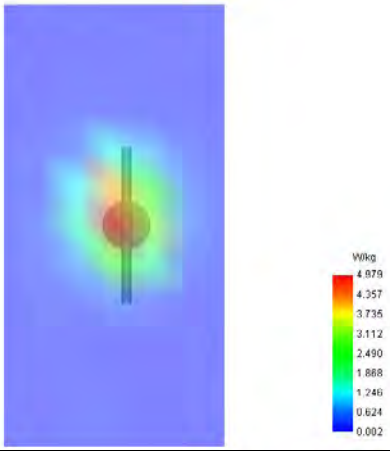
SAR 10g (W/Kg)	6.153
SAR 1g (W/Kg)	14.432
Variation (%)	-2.271
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
SAR (W/Kg)	9.380	5.078	3.712	2.709	2.001	1.499	1.138	0.871	0.667



F. 3D Image

3D screen shot	Hot spot position
	

System check at 2600 MHz
Date of measurement: 26/2/2025

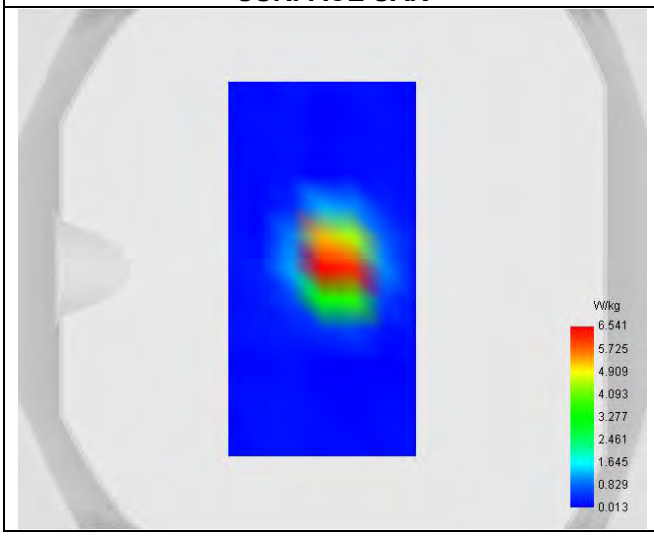
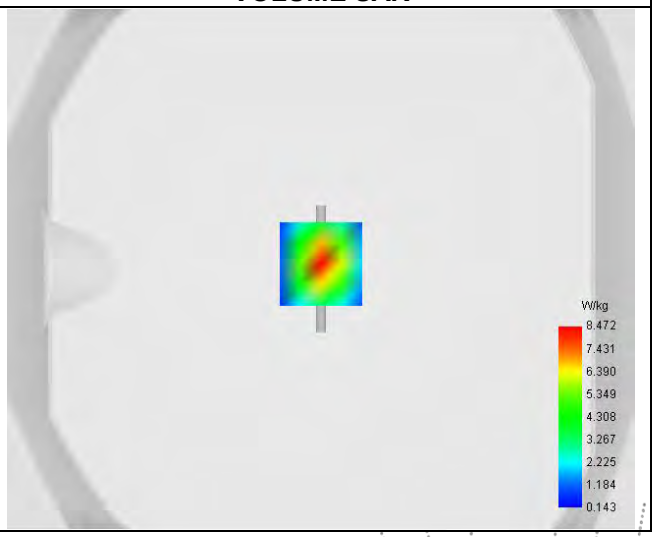
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.03
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW

B. Permitivity

Frequency (MHz)	2600.000
Relative permitivity (real part)	40.194
Relative permitivity (imaginary part)	14.889
Conductivity (S/m)	1.891

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

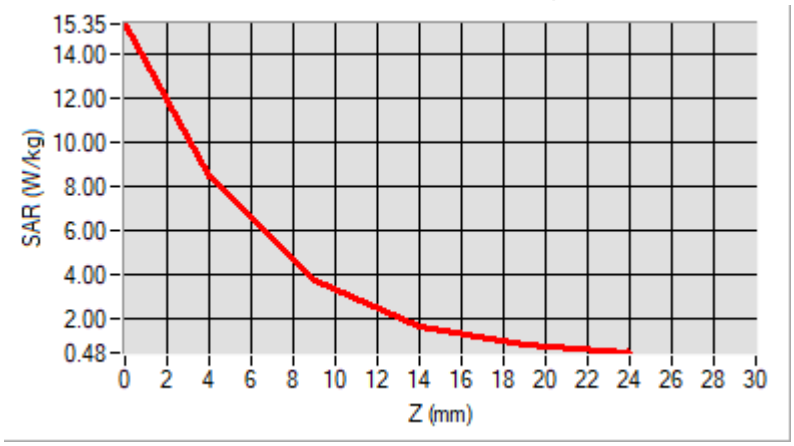
Maximum location: X=0.00, Y=2.00 ; SAR Peak: 15.35 W/kg

D. SAR 1g & 10g

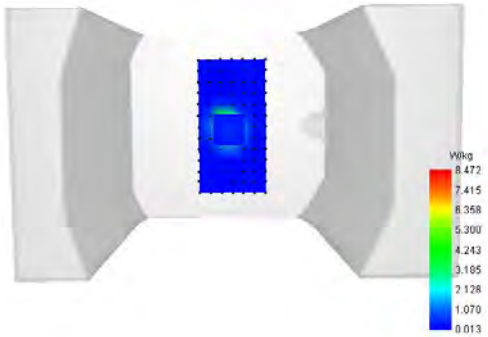
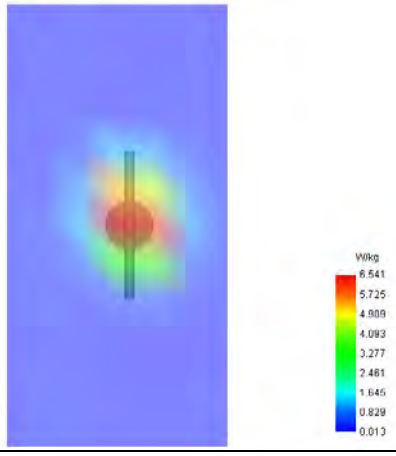
SAR 10g (W/Kg)	6.334
SAR 1g (W/Kg)	14.685
Variation (%)	-0.617
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	15.347	8.472	3.768	1.677	0.856



F. 3D Image

3D screen shot	Hot spot position
	

System check at 5200 MHz
Date of measurement: 10/3/2025

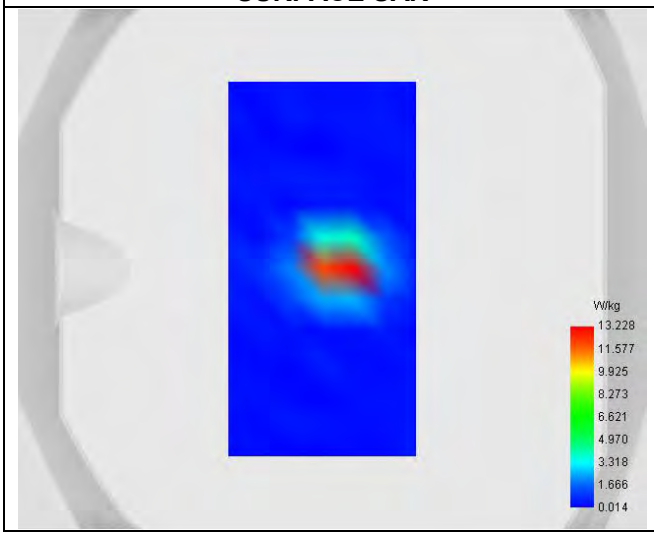
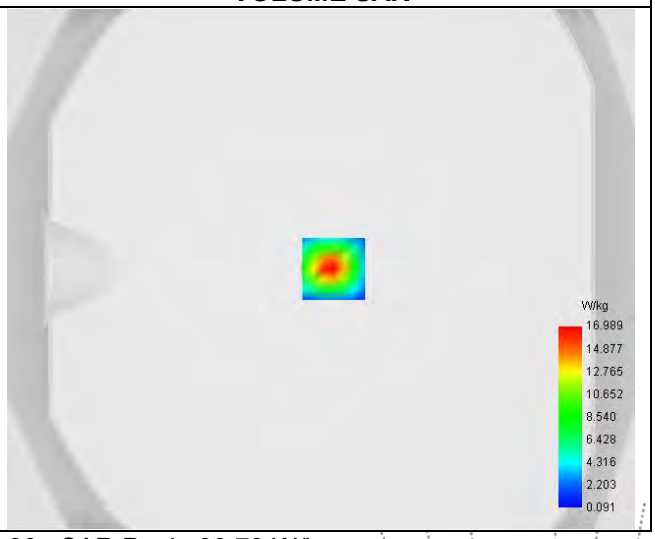
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.18
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW

B. Permitivity

Frequency (MHz)	5200.000
Relative permitivity (real part)	35.806
Relative permitivity (imaginary part)	18.140
Conductivity (S/m)	4.568

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

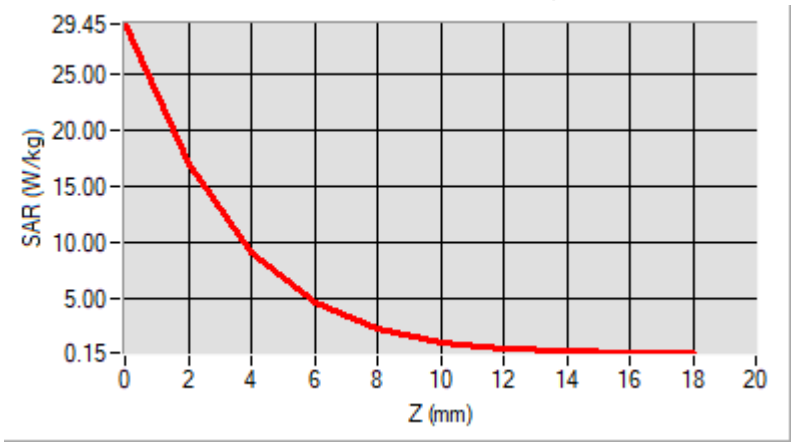
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 30.79 W/kg

D. SAR 1g & 10g

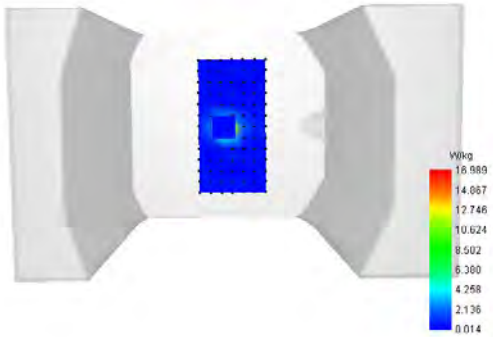
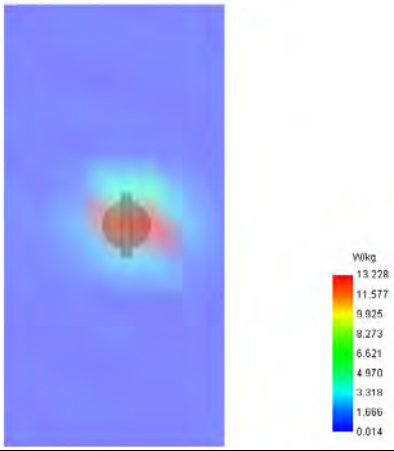
SAR 10g (W/Kg)	5.413
SAR 1g (W/Kg)	18.555
Variation (%)	2.472
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	29.452	16.989	9.130	4.585	2.232	1.083	0.552	0.315	0.209



F. 3D Image

3D screen shot	Hot spot position
	

System check at 5800 MHz
Date of measurement: 10/3/2025

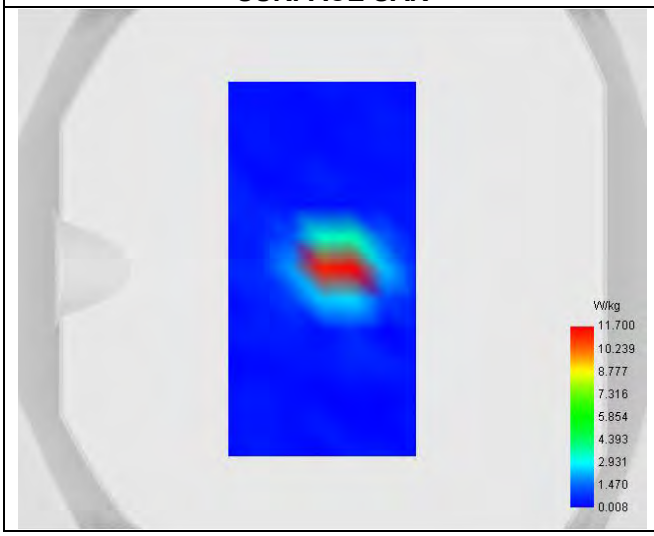
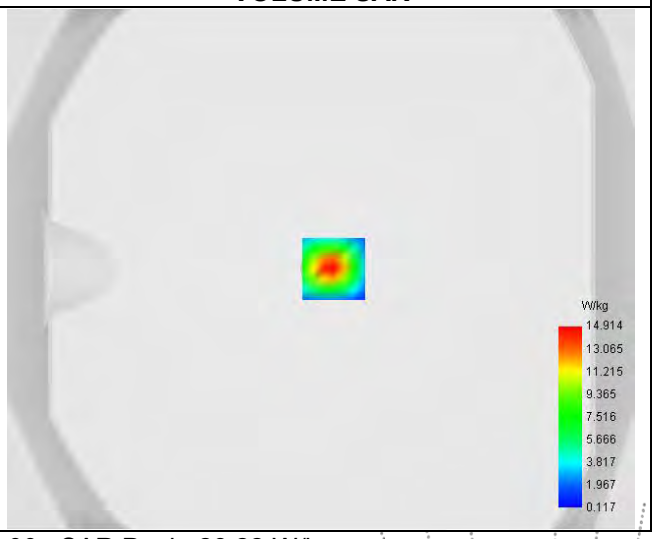
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.15
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW

B. Permitivity

Frequency (MHz)	5800.000
Relative permitivity (real part)	34.697
Relative permitivity (imaginary part)	18.620
Conductivity (S/m)	5.329

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

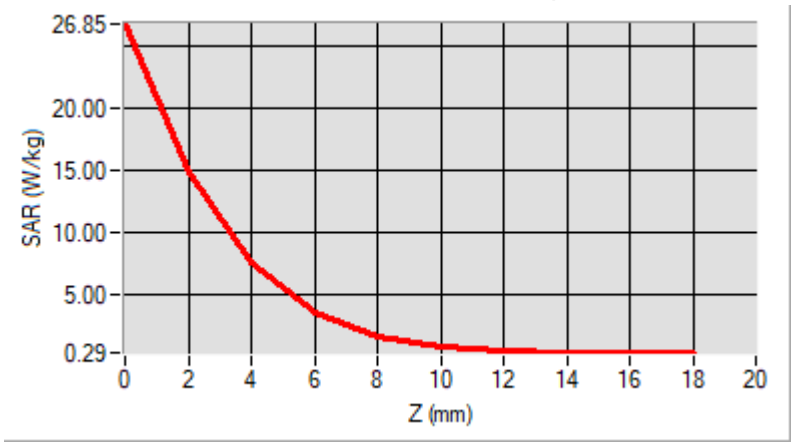
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 28.22 W/kg

D. SAR 1g & 10g

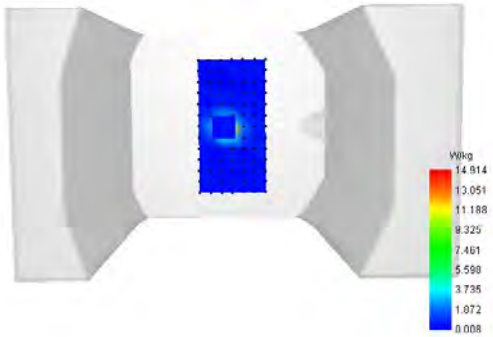
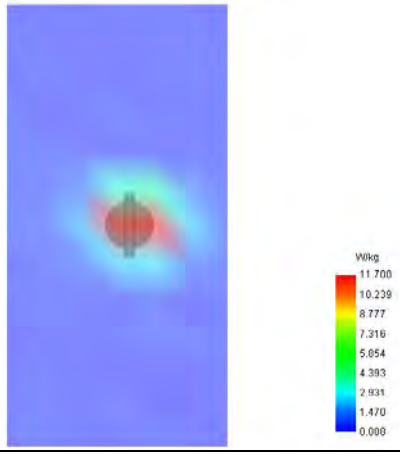
SAR 10g (W/Kg)	5.341
SAR 1g (W/Kg)	19.140
Variation (%)	3.193
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	26.852	14.914	7.581	3.559	1.627	0.770	0.423	0.303	0.288



F. 3D Image

3D screen shot	Hot spot position
	

15.2 SAR Test Graph Results

Plot 1
Date of measurement: 10/3/2025

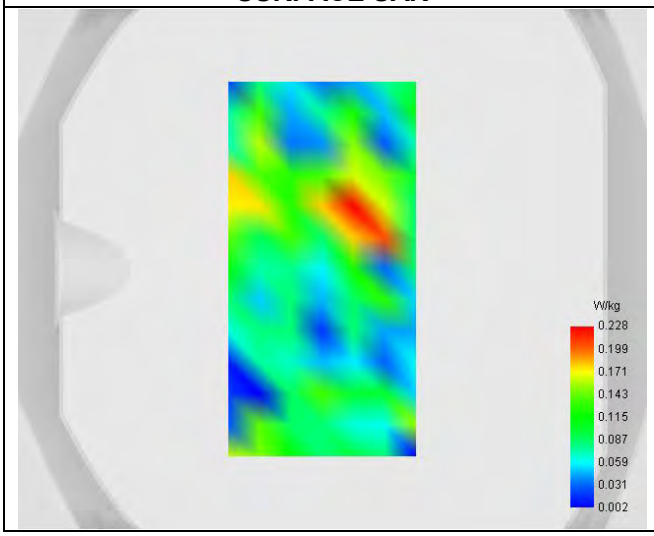
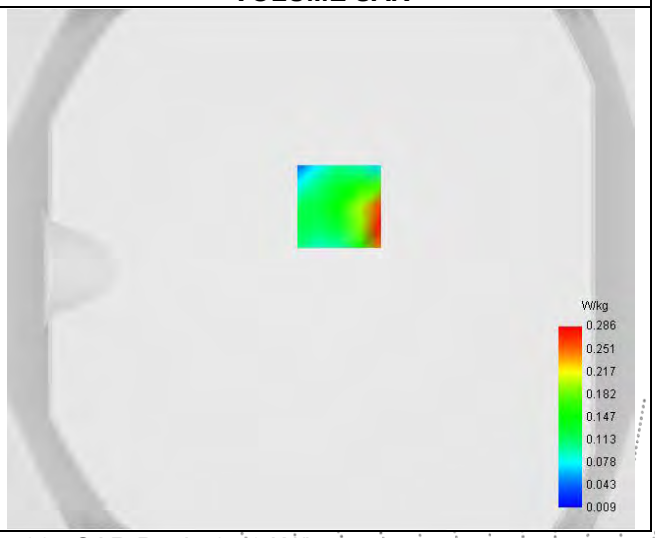
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	ISM
Signal	IEEE 802.11 b

B. Permitivity

Frequency (MHz)	2437.000
Relative permitivity (real part)	37.825
Relative permitivity (imaginary part)	13.207
Conductivity (S/m)	1.791

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

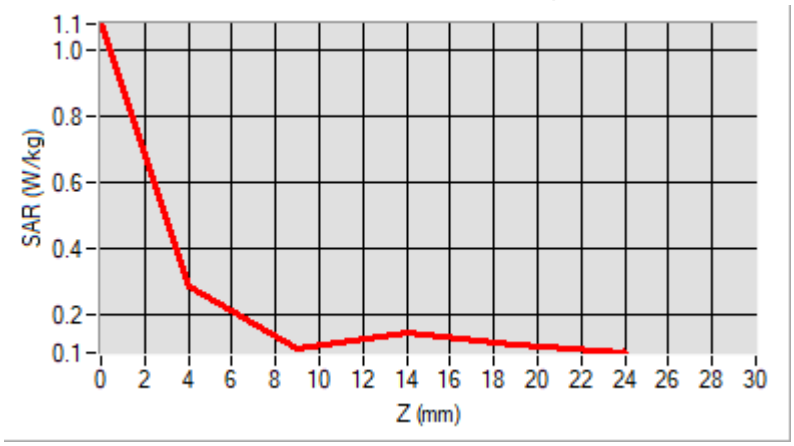
Maximum location: X=7.00, Y=24.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

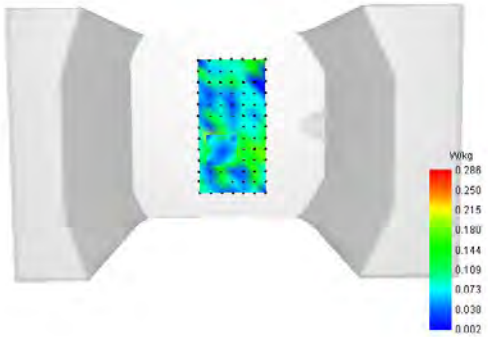
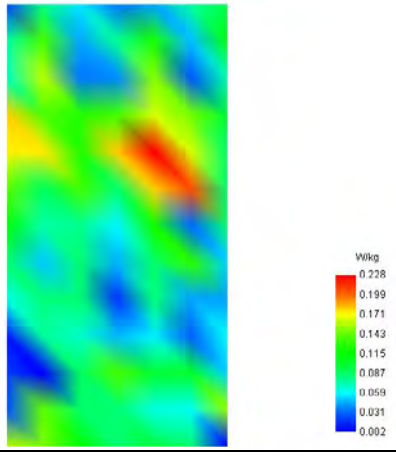
SAR 10g (W/Kg)	0.116
SAR 1g (W/Kg)	0.245
Variation (%)	-2.240
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.078	0.286	0.098	0.146	0.115



F. 3D Image

3D screen shot	Hot spot position
	

Plot 2

Date of measurement: 10/3/2025

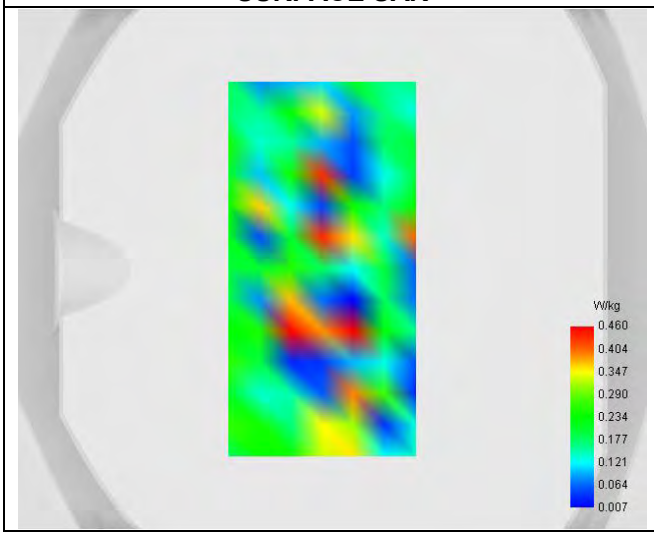
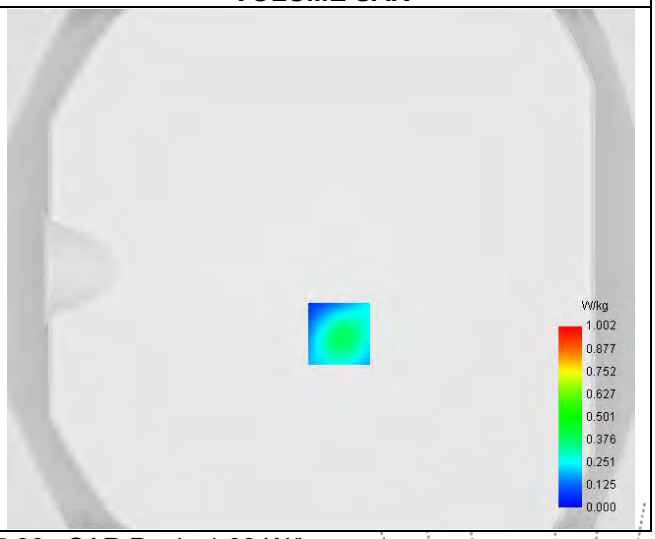
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.18
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Validation plane
Device Position	Body
Band	5200
Signal	--

B. Permitivity

Frequency (MHz)	5200.000
Relative permitivity (real part)	35.806
Relative permitivity (imaginary part)	16.130
Conductivity (S/m)	4.568

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

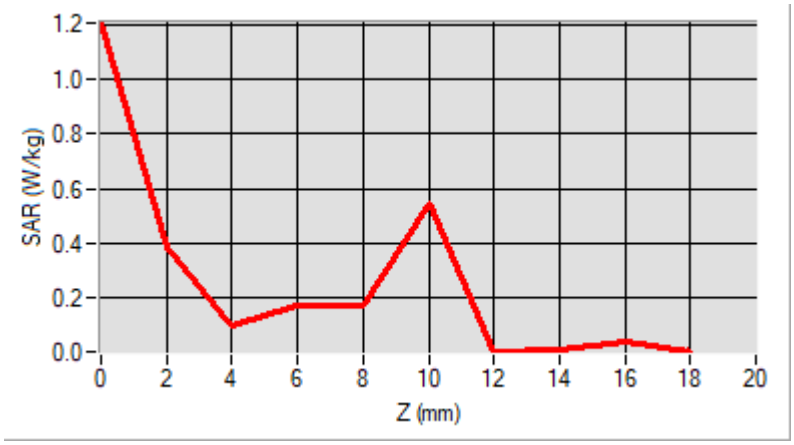
Maximum location: X=9.00, Y=5.00 ; SAR Peak: 1.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.262
SAR 1g (W/Kg)	0.487
Variation (%)	-1.470
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.878	0.294	0.314	0.113	0.817	0.075	0.789	0.099	0.127



F. 3D Image

3D screen shot	Hot spot position