

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	25.69	-3.75	19.79	PASS
Band26(814-824)	1.4	26697	1	#Mid	QPSK	25.70	-3.75	19.80	PASS
Band26(814-824)	1.4	26697	1	#Max	QPSK	25.65	-3.75	19.75	PASS
Band26(814-824)	1.4	26697	3	#0	QPSK	25.73	-3.75	19.83	PASS
Band26(814-824)	1.4	26697	3	#Mid	QPSK	25.70	-3.75	19.80	PASS
Band26(814-824)	1.4	26697	3	#Max	QPSK	25.73	-3.75	19.83	PASS
Band26(814-824)	1.4	26697	6	#0	QPSK	23.38	-3.75	17.48	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	24.42	-3.75	18.52	PASS
Band26(814-824)	1.4	26697	1	#Mid	16QAM	24.38	-3.75	18.48	PASS
Band26(814-824)	1.4	26697	1	#Max	16QAM	24.54	-3.75	18.64	PASS
Band26(814-824)	1.4	26697	3	#0	16QAM	24.75	-3.75	18.85	PASS
Band26(814-824)	1.4	26697	3	#Mid	16QAM	24.72	-3.75	18.82	PASS
Band26(814-824)	1.4	26697	3	#Max	16QAM	24.71	-3.75	18.81	PASS
Band26(814-824)	1.4	26697	6	#0	16QAM	23.51	-3.75	17.61	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	25.56	-3.75	19.66	PASS
Band26(814-824)	1.4	26740	1	#Mid	QPSK	25.60	-3.75	19.70	PASS
Band26(814-824)	1.4	26740	1	#Max	QPSK	25.63	-3.75	19.73	PASS
Band26(814-824)	1.4	26740	3	#0	QPSK	25.49	-3.75	19.59	PASS
Band26(814-824)	1.4	26740	3	#Mid	QPSK	25.57	-3.75	19.67	PASS
Band26(814-824)	1.4	26740	3	#Max	QPSK	25.54	-3.75	19.64	PASS
Band26(814-824)	1.4	26740	6	#0	QPSK	23.90	-3.75	18.00	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	23.39	-3.75	17.49	PASS
Band26(814-824)	1.4	26740	1	#Mid	16QAM	23.43	-3.75	17.53	PASS
Band26(814-824)	1.4	26740	1	#Max	16QAM	23.42	-3.75	17.52	PASS
Band26(814-824)	1.4	26740	3	#0	16QAM	24.52	-3.75	18.62	PASS
Band26(814-824)	1.4	26740	3	#Mid	16QAM	24.47	-3.75	18.57	PASS
Band26(814-824)	1.4	26740	3	#Max	16QAM	24.54	-3.75	18.64	PASS
Band26(814-824)	1.4	26740	6	#0	16QAM	24.05	-3.75	18.15	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	25.75	-3.75	19.85	PASS
Band26(814-824)	1.4	26783	1	#Mid	QPSK	25.79	-3.75	19.89	PASS
Band26(814-824)	1.4	26783	1	#Max	QPSK	25.69	-3.75	19.79	PASS
Band26(814-824)	1.4	26783	3	#0	QPSK	25.69	-3.75	19.79	PASS
Band26(814-824)	1.4	26783	3	#Mid	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	1.4	26783	3	#Max	QPSK	25.72	-3.75	19.82	PASS
Band26(814-824)	1.4	26783	6	#0	QPSK	23.56	-3.75	17.66	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	23.50	-3.75	17.60	PASS
Band26(814-824)	1.4	26783	1	#Mid	16QAM	23.59	-3.75	17.69	PASS
Band26(814-824)	1.4	26783	1	#Max	16QAM	23.58	-3.75	17.68	PASS
Band26(814-824)	1.4	26783	3	#0	16QAM	24.48	-3.75	18.58	PASS
Band26(814-824)	1.4	26783	3	#Mid	16QAM	24.52	-3.75	18.62	PASS
Band26(814-824)	1.4	26783	3	#Max	16QAM	24.50	-3.75	18.60	PASS
Band26(814-824)	1.4	26783	6	#0	16QAM	23.63	-3.75	17.73	PASS
Band26(814-824)	3	26705	1	#0	QPSK	25.57	-3.75	19.67	PASS
Band26(814-824)	3	26705	1	#Mid	QPSK	25.51	-3.75	19.61	PASS
Band26(814-824)	3	26705	1	#Max	QPSK	25.49	-3.75	19.59	PASS
Band26(814-824)	3	26705	8	#0	QPSK	23.47	-3.75	17.57	PASS
Band26(814-824)	3	26705	8	#Mid	QPSK	23.38	-3.75	17.48	PASS
Band26(814-824)	3	26705	8	#Max	QPSK	23.88	-3.75	17.98	PASS
Band26(814-824)	3	26705	15	#0	QPSK	23.37	-3.75	17.47	PASS
Band26(814-824)	3	26705	1	#0	16QAM	24.37	-3.75	18.47	PASS
Band26(814-824)	3	26705	1	#Mid	16QAM	24.41	-3.75	18.51	PASS
Band26(814-824)	3	26705	1	#Max	16QAM	24.37	-3.75	18.47	PASS
Band26(814-824)	3	26705	8	#0	16QAM	23.29	-3.75	17.39	PASS
Band26(814-824)	3	26705	8	#Mid	16QAM	23.36	-3.75	17.46	PASS

Band26(814-824)	3	26705	8	#Max	16QAM	23.70	-3.75	17.80	PASS
Band26(814-824)	3	26705	15	#0	16QAM	23.51	-3.75	17.61	PASS
Band26(814-824)	3	26740	1	#0	QPSK	25.46	-3.75	19.56	PASS
Band26(814-824)	3	26740	1	#Mid	QPSK	25.60	-3.75	19.70	PASS
Band26(814-824)	3	26740	1	#Max	QPSK	25.67	-3.75	19.77	PASS
Band26(814-824)	3	26740	8	#0	QPSK	23.87	-3.75	17.97	PASS
Band26(814-824)	3	26740	8	#Mid	QPSK	23.81	-3.75	17.91	PASS
Band26(814-824)	3	26740	8	#Max	QPSK	23.80	-3.75	17.90	PASS
Band26(814-824)	3	26740	15	#0	QPSK	23.91	-3.75	18.01	PASS
Band26(814-824)	3	26740	1	#0	16QAM	23.37	-3.75	17.47	PASS
Band26(814-824)	3	26740	1	#Mid	16QAM	23.45	-3.75	17.55	PASS
Band26(814-824)	3	26740	1	#Max	16QAM	23.48	-3.75	17.58	PASS
Band26(814-824)	3	26740	8	#0	16QAM	23.87	-3.75	17.97	PASS
Band26(814-824)	3	26740	8	#Mid	16QAM	23.89	-3.75	17.99	PASS
Band26(814-824)	3	26740	8	#Max	16QAM	23.90	-3.75	18.00	PASS
Band26(814-824)	3	26740	15	#0	16QAM	23.85	-3.75	17.95	PASS
Band26(814-824)	3	26775	1	#0	QPSK	25.66	-3.75	19.76	PASS
Band26(814-824)	3	26775	1	#Mid	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	3	26775	1	#Max	QPSK	25.67	-3.75	19.77	PASS
Band26(814-824)	3	26775	8	#0	QPSK	23.99	-3.75	18.09	PASS
Band26(814-824)	3	26775	8	#Mid	QPSK	23.64	-3.75	17.74	PASS
Band26(814-824)	3	26775	8	#Max	QPSK	23.67	-3.75	17.77	PASS
Band26(814-824)	3	26775	15	#0	QPSK	23.57	-3.75	17.67	PASS
Band26(814-824)	3	26775	1	#0	16QAM	23.46	-3.75	17.56	PASS
Band26(814-824)	3	26775	1	#Mid	16QAM	23.54	-3.75	17.64	PASS
Band26(814-824)	3	26775	1	#Max	16QAM	23.57	-3.75	17.67	PASS
Band26(814-824)	3	26775	8	#0	16QAM	24.01	-3.75	18.11	PASS
Band26(814-824)	3	26775	8	#Mid	16QAM	23.69	-3.75	17.79	PASS
Band26(814-824)	3	26775	8	#Max	16QAM	23.68	-3.75	17.78	PASS
Band26(814-824)	3	26775	15	#0	16QAM	23.65	-3.75	17.75	PASS
Band26(814-824)	5	26715	1	#0	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	5	26715	1	#Mid	QPSK	25.72	-3.75	19.82	PASS
Band26(814-824)	5	26715	1	#Max	QPSK	25.33	-3.75	19.43	PASS
Band26(814-824)	5	26715	12	#0	QPSK	23.36	-3.75	17.46	PASS
Band26(814-824)	5	26715	12	#Mid	QPSK	23.77	-3.75	17.87	PASS
Band26(814-824)	5	26715	12	#Max	QPSK	23.78	-3.75	17.88	PASS
Band26(814-824)	5	26715	25	#0	QPSK	23.84	-3.75	17.94	PASS
Band26(814-824)	5	26715	1	#0	16QAM	23.56	-3.75	17.66	PASS
Band26(814-824)	5	26715	1	#Mid	16QAM	23.54	-3.75	17.64	PASS
Band26(814-824)	5	26715	1	#Max	16QAM	23.68	-3.75	17.78	PASS
Band26(814-824)	5	26715	12	#0	16QAM	23.33	-3.75	17.43	PASS
Band26(814-824)	5	26715	12	#Mid	16QAM	23.72	-3.75	17.82	PASS
Band26(814-824)	5	26715	12	#Max	16QAM	23.69	-3.75	17.79	PASS
Band26(814-824)	5	26715	25	#0	16QAM	23.82	-3.75	17.92	PASS
Band26(814-824)	5	26740	1	#0	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	5	26740	1	#Mid	QPSK	25.72	-3.75	19.82	PASS
Band26(814-824)	5	26740	1	#Max	QPSK	23.56	-3.75	17.66	PASS
Band26(814-824)	5	26740	12	#0	QPSK	23.84	-3.75	17.94	PASS
Band26(814-824)	5	26740	12	#Mid	QPSK	23.96	-3.75	18.06	PASS
Band26(814-824)	5	26740	12	#Max	QPSK	24.02	-3.75	18.12	PASS
Band26(814-824)	5	26740	25	#0	QPSK	23.93	-3.75	18.03	PASS
Band26(814-824)	5	26740	1	#0	16QAM	23.54	-3.75	17.64	PASS
Band26(814-824)	5	26740	1	#Mid	16QAM	23.56	-3.75	17.66	PASS
Band26(814-824)	5	26740	1	#Max	16QAM	23.60	-3.75	17.70	PASS
Band26(814-824)	5	26740	12	#0	16QAM	23.73	-3.75	17.83	PASS
Band26(814-824)	5	26740	12	#Mid	16QAM	23.75	-3.75	17.85	PASS
Band26(814-824)	5	26740	12	#Max	16QAM	23.83	-3.75	17.93	PASS

Band26(814-824)	5	26740	25	#0	16QAM	23.91	-3.75	18.01	PASS
Band26(814-824)	5	26765	1	#0	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	5	26765	1	#Mid	QPSK	25.39	-3.75	19.49	PASS
Band26(814-824)	5	26765	1	#Max	QPSK	25.49	-3.75	19.59	PASS
Band26(814-824)	5	26765	12	#0	QPSK	23.93	-3.75	18.03	PASS
Band26(814-824)	5	26765	12	#Mid	QPSK	23.88	-3.75	17.98	PASS
Band26(814-824)	5	26765	12	#Max	QPSK	23.50	-3.75	17.60	PASS
Band26(814-824)	5	26765	25	#0	QPSK	24.03	-3.75	18.13	PASS
Band26(814-824)	5	26765	1	#0	16QAM	24.07	-3.75	18.17	PASS
Band26(814-824)	5	26765	1	#Mid	16QAM	24.15	-3.75	18.25	PASS
Band26(814-824)	5	26765	1	#Max	16QAM	25.68	-3.75	19.78	PASS
Band26(814-824)	5	26765	12	#0	16QAM	23.93	-3.75	18.03	PASS
Band26(814-824)	5	26765	12	#Mid	16QAM	23.92	-3.75	18.02	PASS
Band26(814-824)	5	26765	12	#Max	16QAM	23.63	-3.75	17.73	PASS
Band26(814-824)	5	26765	25	#0	16QAM	24.15	-3.75	18.25	PASS
Band26(814-824)	10	26740	1	#0	QPSK	25.68	-3.75	19.78	PASS
Band26(814-824)	10	26740	1	#Mid	QPSK	25.50	-3.75	19.60	PASS
Band26(814-824)	10	26740	1	#Max	QPSK	25.71	-3.75	19.81	PASS
Band26(814-824)	10	26740	25	#0	QPSK	23.87	-3.75	17.97	PASS
Band26(814-824)	10	26740	25	#Mid	QPSK	23.91	-3.75	18.01	PASS
Band26(814-824)	10	26740	25	#Max	QPSK	23.88	-3.75	17.98	PASS
Band26(814-824)	10	26740	50	#0	QPSK	23.82	-3.75	17.92	PASS
Band26(814-824)	10	26740	1	#0	16QAM	24.34	-3.75	18.44	PASS
Band26(814-824)	10	26740	1	#Mid	16QAM	25.68	-3.75	19.78	PASS
Band26(814-824)	10	26740	1	#Max	16QAM	25.72	-3.75	19.82	PASS
Band26(814-824)	10	26740	25	#0	16QAM	23.86	-3.75	17.96	PASS
Band26(814-824)	10	26740	25	#Mid	16QAM	23.86	-3.75	17.96	PASS
Band26(814-824)	10	26740	25	#Max	16QAM	24.00	-3.75	18.10	PASS
Band26(814-824)	10	26740	50	#0	16QAM	24.00	-3.75	18.10	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	25.77	-3.75	19.87	PASS
Band26(824-849)	1.4	26797	1	#Mid	QPSK	25.84	-3.75	19.94	PASS
Band26(824-849)	1.4	26797	1	#Max	QPSK	25.75	-3.75	19.85	PASS
Band26(824-849)	1.4	26797	3	#0	QPSK	25.69	-3.75	19.79	PASS
Band26(824-849)	1.4	26797	3	#Mid	QPSK	25.67	-3.75	19.77	PASS
Band26(824-849)	1.4	26797	3	#Max	QPSK	25.74	-3.75	19.84	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	23.67	-3.75	17.77	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	24.55	-3.75	18.65	PASS
Band26(824-849)	1.4	26797	1	#Mid	16QAM	24.51	-3.75	18.61	PASS
Band26(824-849)	1.4	26797	1	#Max	16QAM	24.62	-3.75	18.72	PASS
Band26(824-849)	1.4	26797	3	#0	16QAM	24.88	-3.75	18.98	PASS
Band26(824-849)	1.4	26797	3	#Mid	16QAM	24.90	-3.75	19.00	PASS
Band26(824-849)	1.4	26797	3	#Max	16QAM	24.91	-3.75	19.01	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	23.79	-3.75	17.89	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	25.98	-3.75	20.08	PASS
Band26(824-849)	1.4	26915	1	#Mid	QPSK	25.85	-3.75	19.95	PASS
Band26(824-849)	1.4	26915	1	#Max	QPSK	25.88	-3.75	19.98	PASS
Band26(824-849)	1.4	26915	3	#0	QPSK	25.81	-3.75	19.91	PASS
Band26(824-849)	1.4	26915	3	#Mid	QPSK	25.85	-3.75	19.95	PASS
Band26(824-849)	1.4	26915	3	#Max	QPSK	25.76	-3.75	19.86	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	24.17	-3.75	18.27	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	23.80	-3.75	17.90	PASS
Band26(824-849)	1.4	26915	1	#Mid	16QAM	23.88	-3.75	17.98	PASS
Band26(824-849)	1.4	26915	1	#Max	16QAM	23.89	-3.75	17.99	PASS
Band26(824-849)	1.4	26915	3	#0	16QAM	24.88	-3.75	18.98	PASS
Band26(824-849)	1.4	26915	3	#Mid	16QAM	24.91	-3.75	19.01	PASS
Band26(824-849)	1.4	26915	3	#Max	16QAM	24.84	-3.75	18.94	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	24.43	-3.75	18.53	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	25.73	-3.75	19.83	PASS
Band26(824-849)	1.4	27033	1	#Mid	QPSK	25.71	-3.75	19.81	PASS
Band26(824-849)	1.4	27033	1	#Max	QPSK	25.68	-3.75	19.78	PASS
Band26(824-849)	1.4	27033	3	#0	QPSK	25.65	-3.75	19.75	PASS
Band26(824-849)	1.4	27033	3	#Mid	QPSK	25.61	-3.75	19.71	PASS
Band26(824-849)	1.4	27033	3	#Max	QPSK	25.68	-3.75	19.78	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	23.57	-3.75	17.67	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	23.56	-3.75	17.66	PASS
Band26(824-849)	1.4	27033	1	#Mid	16QAM	23.62	-3.75	17.72	PASS
Band26(824-849)	1.4	27033	1	#Max	16QAM	23.67	-3.75	17.77	PASS
Band26(824-849)	1.4	27033	3	#0	16QAM	24.37	-3.75	18.47	PASS
Band26(824-849)	1.4	27033	3	#Mid	16QAM	24.60	-3.75	18.70	PASS
Band26(824-849)	1.4	27033	3	#Max	16QAM	24.59	-3.75	18.69	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	23.61	-3.75	17.71	PASS
Band26(824-849)	3	26805	1	#0	QPSK	25.56	-3.75	19.66	PASS
Band26(824-849)	3	26805	1	#Mid	QPSK	25.58	-3.75	19.68	PASS
Band26(824-849)	3	26805	1	#Max	QPSK	25.63	-3.75	19.73	PASS
Band26(824-849)	3	26805	8	#0	QPSK	23.60	-3.75	17.70	PASS
Band26(824-849)	3	26805	8	#Mid	QPSK	23.54	-3.75	17.64	PASS
Band26(824-849)	3	26805	8	#Max	QPSK	23.71	-3.75	17.81	PASS
Band26(824-849)	3	26805	15	#0	QPSK	23.50	-3.75	17.60	PASS
Band26(824-849)	3	26805	1	#0	16QAM	24.49	-3.75	18.59	PASS
Band26(824-849)	3	26805	1	#Mid	16QAM	24.57	-3.75	18.67	PASS
Band26(824-849)	3	26805	1	#Max	16QAM	24.56	-3.75	18.66	PASS
Band26(824-849)	3	26805	8	#0	16QAM	23.61	-3.75	17.71	PASS
Band26(824-849)	3	26805	8	#Mid	16QAM	23.57	-3.75	17.67	PASS

Band26(824-849)	3	26805	8	#Max	16QAM	23.54	-3.75	17.64	PASS
Band26(824-849)	3	26805	15	#0	16QAM	23.66	-3.75	17.76	PASS
Band26(824-849)	3	26915	1	#0	QPSK	25.92	-3.75	20.02	PASS
Band26(824-849)	3	26915	1	#Mid	QPSK	25.88	-3.75	19.98	PASS
Band26(824-849)	3	26915	1	#Max	QPSK	25.86	-3.75	19.96	PASS
Band26(824-849)	3	26915	8	#0	QPSK	23.85	-3.75	17.95	PASS
Band26(824-849)	3	26915	8	#Mid	QPSK	24.24	-3.75	18.34	PASS
Band26(824-849)	3	26915	8	#Max	QPSK	24.27	-3.75	18.37	PASS
Band26(824-849)	3	26915	15	#0	QPSK	24.12	-3.75	18.22	PASS
Band26(824-849)	3	26915	1	#0	16QAM	23.79	-3.75	17.89	PASS
Band26(824-849)	3	26915	1	#Mid	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	3	26915	1	#Max	16QAM	23.85	-3.75	17.95	PASS
Band26(824-849)	3	26915	8	#0	16QAM	23.88	-3.75	17.98	PASS
Band26(824-849)	3	26915	8	#Mid	16QAM	24.25	-3.75	18.35	PASS
Band26(824-849)	3	26915	8	#Max	16QAM	24.28	-3.75	18.38	PASS
Band26(824-849)	3	26915	15	#0	16QAM	24.15	-3.75	18.25	PASS
Band26(824-849)	3	27025	1	#0	QPSK	25.71	-3.75	19.81	PASS
Band26(824-849)	3	27025	1	#Mid	QPSK	25.73	-3.75	19.83	PASS
Band26(824-849)	3	27025	1	#Max	QPSK	25.63	-3.75	19.73	PASS
Band26(824-849)	3	27025	8	#0	QPSK	23.93	-3.75	18.03	PASS
Band26(824-849)	3	27025	8	#Mid	QPSK	23.95	-3.75	18.05	PASS
Band26(824-849)	3	27025	8	#Max	QPSK	23.54	-3.75	17.64	PASS
Band26(824-849)	3	27025	15	#0	QPSK	23.82	-3.75	17.92	PASS
Band26(824-849)	3	27025	1	#0	16QAM	23.63	-3.75	17.73	PASS
Band26(824-849)	3	27025	1	#Mid	16QAM	23.53	-3.75	17.63	PASS
Band26(824-849)	3	27025	1	#Max	16QAM	23.68	-3.75	17.78	PASS
Band26(824-849)	3	27025	8	#0	16QAM	24.06	-3.75	18.16	PASS
Band26(824-849)	3	27025	8	#Mid	16QAM	23.95	-3.75	18.05	PASS
Band26(824-849)	3	27025	8	#Max	16QAM	23.67	-3.75	17.77	PASS
Band26(824-849)	3	27025	15	#0	16QAM	23.98	-3.75	18.08	PASS
Band26(824-849)	5	26815	1	#0	QPSK	25.57	-3.75	19.67	PASS
Band26(824-849)	5	26815	1	#Mid	QPSK	25.54	-3.75	19.64	PASS
Band26(824-849)	5	26815	1	#Max	QPSK	25.73	-3.75	19.83	PASS
Band26(824-849)	5	26815	12	#0	QPSK	23.70	-3.75	17.80	PASS
Band26(824-849)	5	26815	12	#Mid	QPSK	23.74	-3.75	17.84	PASS
Band26(824-849)	5	26815	12	#Max	QPSK	23.70	-3.75	17.80	PASS
Band26(824-849)	5	26815	25	#0	QPSK	23.66	-3.75	17.76	PASS
Band26(824-849)	5	26815	1	#0	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	5	26815	1	#Mid	16QAM	23.81	-3.75	17.91	PASS
Band26(824-849)	5	26815	1	#Max	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	5	26815	12	#0	16QAM	23.54	-3.75	17.64	PASS
Band26(824-849)	5	26815	12	#Mid	16QAM	23.55	-3.75	17.65	PASS
Band26(824-849)	5	26815	12	#Max	16QAM	23.63	-3.75	17.73	PASS
Band26(824-849)	5	26815	25	#0	16QAM	23.63	-3.75	17.73	PASS
Band26(824-849)	5	26915	1	#0	QPSK	25.98	-3.75	20.08	PASS
Band26(824-849)	5	26915	1	#Mid	QPSK	25.88	-3.75	19.98	PASS
Band26(824-849)	5	26915	1	#Max	QPSK	25.84	-3.75	19.94	PASS
Band26(824-849)	5	26915	12	#0	QPSK	23.75	-3.75	17.85	PASS
Band26(824-849)	5	26915	12	#Mid	QPSK	24.24	-3.75	18.34	PASS
Band26(824-849)	5	26915	12	#Max	QPSK	24.30	-3.75	18.40	PASS
Band26(824-849)	5	26915	25	#0	QPSK	24.20	-3.75	18.30	PASS
Band26(824-849)	5	26915	1	#0	16QAM	23.85	-3.75	17.95	PASS
Band26(824-849)	5	26915	1	#Mid	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	5	26915	1	#Max	16QAM	23.84	-3.75	17.94	PASS
Band26(824-849)	5	26915	12	#0	16QAM	23.63	-3.75	17.73	PASS
Band26(824-849)	5	26915	12	#Mid	16QAM	24.10	-3.75	18.20	PASS
Band26(824-849)	5	26915	12	#Max	16QAM	24.09	-3.75	18.19	PASS

Band26(824-849)	5	26915	25	#0	16QAM	24.27	-3.75	18.37	PASS
Band26(824-849)	5	27015	1	#0	QPSK	25.43	-3.75	19.53	PASS
Band26(824-849)	5	27015	1	#Mid	QPSK	25.45	-3.75	19.55	PASS
Band26(824-849)	5	27015	1	#Max	QPSK	25.37	-3.75	19.47	PASS
Band26(824-849)	5	27015	12	#0	QPSK	24.05	-3.75	18.15	PASS
Band26(824-849)	5	27015	12	#Mid	QPSK	23.92	-3.75	18.02	PASS
Band26(824-849)	5	27015	12	#Max	QPSK	23.89	-3.75	17.99	PASS
Band26(824-849)	5	27015	25	#0	QPSK	23.92	-3.75	18.02	PASS
Band26(824-849)	5	27015	1	#0	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	5	27015	1	#Mid	16QAM	23.81	-3.75	17.91	PASS
Band26(824-849)	5	27015	1	#Max	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	5	27015	12	#0	16QAM	24.02	-3.75	18.12	PASS
Band26(824-849)	5	27015	12	#Mid	16QAM	23.96	-3.75	18.06	PASS
Band26(824-849)	5	27015	12	#Max	16QAM	23.90	-3.75	18.00	PASS
Band26(824-849)	5	27015	25	#0	16QAM	24.12	-3.75	18.22	PASS
Band26(824-849)	10	26840	1	#0	QPSK	25.70	-3.75	19.80	PASS
Band26(824-849)	10	26840	1	#Mid	QPSK	25.77	-3.75	19.87	PASS
Band26(824-849)	10	26840	1	#Max	QPSK	25.83	-3.75	19.93	PASS
Band26(824-849)	10	26840	25	#0	QPSK	23.74	-3.75	17.84	PASS
Band26(824-849)	10	26840	25	#Mid	QPSK	23.78	-3.75	17.88	PASS
Band26(824-849)	10	26840	25	#Max	QPSK	23.77	-3.75	17.87	PASS
Band26(824-849)	10	26840	50	#0	QPSK	23.73	-3.75	17.83	PASS
Band26(824-849)	10	26840	1	#0	16QAM	24.69	-3.75	18.79	PASS
Band26(824-849)	10	26840	1	#Mid	16QAM	24.77	-3.75	18.87	PASS
Band26(824-849)	10	26840	1	#Max	16QAM	24.89	-3.75	18.99	PASS
Band26(824-849)	10	26840	25	#0	16QAM	23.60	-3.75	17.70	PASS
Band26(824-849)	10	26840	25	#Mid	16QAM	23.63	-3.75	17.73	PASS
Band26(824-849)	10	26840	25	#Max	16QAM	23.73	-3.75	17.83	PASS
Band26(824-849)	10	26840	50	#0	16QAM	23.72	-3.75	17.82	PASS
Band26(824-849)	10	26915	1	#0	QPSK	25.77	-3.75	19.87	PASS
Band26(824-849)	10	26915	1	#Mid	QPSK	25.77	-3.75	19.87	PASS
Band26(824-849)	10	26915	1	#Max	QPSK	25.81	-3.75	19.91	PASS
Band26(824-849)	10	26915	25	#0	QPSK	23.81	-3.75	17.91	PASS
Band26(824-849)	10	26915	25	#Mid	QPSK	24.17	-3.75	18.27	PASS
Band26(824-849)	10	26915	25	#Max	QPSK	23.73	-3.75	17.83	PASS
Band26(824-849)	10	26915	50	#0	QPSK	24.16	-3.75	18.26	PASS
Band26(824-849)	10	26915	1	#0	16QAM	24.48	-3.75	18.58	PASS
Band26(824-849)	10	26915	1	#Mid	16QAM	24.56	-3.75	18.66	PASS
Band26(824-849)	10	26915	1	#Max	16QAM	23.83	-3.75	17.93	PASS
Band26(824-849)	10	26915	25	#0	16QAM	23.82	-3.75	17.92	PASS
Band26(824-849)	10	26915	25	#Mid	16QAM	24.23	-3.75	18.33	PASS
Band26(824-849)	10	26915	25	#Max	16QAM	23.86	-3.75	17.96	PASS
Band26(824-849)	10	26915	50	#0	16QAM	24.24	-3.75	18.34	PASS
Band26(824-849)	10	26990	1	#0	QPSK	25.78	-3.75	19.88	PASS
Band26(824-849)	10	26990	1	#Mid	QPSK	25.66	-3.75	19.76	PASS
Band26(824-849)	10	26990	1	#Max	QPSK	23.83	-3.75	17.93	PASS
Band26(824-849)	10	26990	25	#0	QPSK	23.70	-3.75	17.80	PASS
Band26(824-849)	10	26990	25	#Mid	QPSK	24.05	-3.75	18.15	PASS
Band26(824-849)	10	26990	25	#Max	QPSK	24.05	-3.75	18.15	PASS
Band26(824-849)	10	26990	50	#0	QPSK	24.09	-3.75	18.19	PASS
Band26(824-849)	10	26990	1	#0	16QAM	24.12	-3.75	18.22	PASS
Band26(824-849)	10	26990	1	#Mid	16QAM	23.94	-3.75	18.04	PASS
Band26(824-849)	10	26990	1	#Max	16QAM	23.88	-3.75	17.98	PASS
Band26(824-849)	10	26990	25	#0	16QAM	23.84	-3.75	17.94	PASS
Band26(824-849)	10	26990	25	#Mid	16QAM	24.16	-3.75	18.26	PASS
Band26(824-849)	10	26990	25	#Max	16QAM	24.08	-3.75	18.18	PASS
Band26(824-849)	10	26990	50	#0	16QAM	24.06	-3.75	18.16	PASS

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Band26(824-849)	15	26865	1	#0	QPSK	25.66	-3.75	19.76	PASS
Band26(824-849)	15	26865	1	#Mid	QPSK	25.86	-3.75	19.96	PASS
Band26(824-849)	15	26865	1	#Max	QPSK	25.76	-3.75	19.86	PASS
Band26(824-849)	15	26865	36	#0	QPSK	23.80	-3.75	17.90	PASS
Band26(824-849)	15	26865	36	#Mid	QPSK	23.75	-3.75	17.85	PASS
Band26(824-849)	15	26865	36	#Max	QPSK	23.78	-3.75	17.88	PASS
Band26(824-849)	15	26865	75	#0	QPSK	23.83	-3.75	17.93	PASS
Band26(824-849)	15	26865	1	#0	16QAM	24.67	-3.75	18.77	PASS
Band26(824-849)	15	26865	1	#Mid	16QAM	24.82	-3.75	18.92	PASS
Band26(824-849)	15	26865	1	#Max	16QAM	24.85	-3.75	18.95	PASS
Band26(824-849)	15	26865	36	#0	16QAM	23.69	-3.75	17.79	PASS
Band26(824-849)	15	26865	36	#Mid	16QAM	23.76	-3.75	17.86	PASS
Band26(824-849)	15	26865	36	#Max	16QAM	23.85	-3.75	17.95	PASS
Band26(824-849)	15	26865	75	#0	16QAM	23.80	-3.75	17.90	PASS
Band26(824-849)	15	26915	1	#0	QPSK	25.72	-3.75	19.82	PASS
Band26(824-849)	15	26915	1	#Mid	QPSK	25.74	-3.75	19.84	PASS
Band26(824-849)	15	26915	1	#Max	QPSK	25.65	-3.75	19.75	PASS
Band26(824-849)	15	26915	36	#0	QPSK	23.78	-3.75	17.88	PASS
Band26(824-849)	15	26915	36	#Mid	QPSK	24.26	-3.75	18.36	PASS
Band26(824-849)	15	26915	36	#Max	QPSK	23.85	-3.75	17.95	PASS
Band26(824-849)	15	26915	75	#0	QPSK	24.22	-3.75	18.32	PASS
Band26(824-849)	15	26915	1	#0	16QAM	24.36	-3.75	18.46	PASS
Band26(824-849)	15	26915	1	#Mid	16QAM	24.49	-3.75	18.59	PASS
Band26(824-849)	15	26915	1	#Max	16QAM	24.41	-3.75	18.51	PASS
Band26(824-849)	15	26915	36	#0	16QAM	23.82	-3.75	17.92	PASS
Band26(824-849)	15	26915	36	#Mid	16QAM	24.32	-3.75	18.42	PASS
Band26(824-849)	15	26915	36	#Max	16QAM	23.93	-3.75	18.03	PASS
Band26(824-849)	15	26915	75	#0	16QAM	24.22	-3.75	18.32	PASS
Band26(824-849)	15	26965	1	#0	QPSK	25.82	-3.75	19.92	PASS
Band26(824-849)	15	26965	1	#Mid	QPSK	25.68	-3.75	19.78	PASS
Band26(824-849)	15	26965	1	#Max	QPSK	23.83	-3.75	17.93	PASS
Band26(824-849)	15	26965	36	#0	QPSK	23.82	-3.75	17.92	PASS
Band26(824-849)	15	26965	36	#Mid	QPSK	23.82	-3.75	17.92	PASS
Band26(824-849)	15	26965	36	#Max	QPSK	24.03	-3.75	18.13	PASS
Band26(824-849)	15	26965	75	#0	QPSK	23.88	-3.75	17.98	PASS
Band26(824-849)	15	26965	1	#0	16QAM	24.56	-3.75	18.66	PASS
Band26(824-849)	15	26965	1	#Mid	16QAM	24.54	-3.75	18.64	PASS
Band26(824-849)	15	26965	1	#Max	16QAM	24.36	-3.75	18.46	PASS
Band26(824-849)	15	26965	36	#0	16QAM	23.78	-3.75	17.88	PASS
Band26(824-849)	15	26965	36	#Mid	16QAM	23.79	-3.75	17.89	PASS
Band26(824-849)	15	26965	36	#Max	16QAM	23.98	-3.75	18.08	PASS
Band26(824-849)	15	26965	75	#0	16QAM	23.85	-3.75	17.95	PASS

SHENZHEN

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	25.68	1.24	26.92	PASS
Band66	1.4	131979	1	#Mid	QPSK	25.68	1.24	26.92	PASS
Band66	1.4	131979	1	#Max	QPSK	25.71	1.24	26.95	PASS
Band66	1.4	131979	3	#0	QPSK	25.56	1.24	26.80	PASS
Band66	1.4	131979	3	#Mid	QPSK	25.62	1.24	26.86	PASS
Band66	1.4	131979	3	#Max	QPSK	25.58	1.24	26.82	PASS
Band66	1.4	131979	6	#0	QPSK	24.62	1.24	25.86	PASS
Band66	1.4	131979	1	#0	16QAM	25.45	1.24	26.69	PASS
Band66	1.4	131979	1	#Mid	16QAM	25.44	1.24	26.68	PASS
Band66	1.4	131979	1	#Max	16QAM	25.49	1.24	26.73	PASS
Band66	1.4	131979	3	#0	16QAM	24.79	1.24	26.03	PASS
Band66	1.4	131979	3	#Mid	16QAM	24.81	1.24	26.05	PASS
Band66	1.4	131979	3	#Max	16QAM	24.81	1.24	26.05	PASS
Band66	1.4	131979	6	#0	16QAM	23.81	1.24	25.05	PASS
Band66	1.4	132322	1	#0	QPSK	25.83	1.24	27.07	PASS
Band66	1.4	132322	1	#Mid	QPSK	25.85	1.24	27.09	PASS
Band66	1.4	132322	1	#Max	QPSK	25.88	1.24	27.12	PASS
Band66	1.4	132322	3	#0	QPSK	25.94	1.24	27.18	PASS
Band66	1.4	132322	3	#Mid	QPSK	25.94	1.24	27.18	PASS
Band66	1.4	132322	3	#Max	QPSK	25.93	1.24	27.17	PASS
Band66	1.4	132322	6	#0	QPSK	24.90	1.24	26.14	PASS
Band66	1.4	132322	1	#0	16QAM	24.93	1.24	26.17	PASS
Band66	1.4	132322	1	#Mid	16QAM	24.93	1.24	26.17	PASS
Band66	1.4	132322	1	#Max	16QAM	24.98	1.24	26.22	PASS
Band66	1.4	132322	3	#0	16QAM	24.66	1.24	25.90	PASS
Band66	1.4	132322	3	#Mid	16QAM	24.61	1.24	25.85	PASS
Band66	1.4	132322	3	#Max	16QAM	24.72	1.24	25.96	PASS
Band66	1.4	132322	6	#0	16QAM	24.07	1.24	25.31	PASS
Band66	1.4	132665	1	#0	QPSK	25.65	1.24	26.89	PASS
Band66	1.4	132665	1	#Mid	QPSK	25.69	1.24	26.93	PASS
Band66	1.4	132665	1	#Max	QPSK	25.63	1.24	26.87	PASS
Band66	1.4	132665	3	#0	QPSK	25.57	1.24	26.81	PASS
Band66	1.4	132665	3	#Mid	QPSK	25.62	1.24	26.86	PASS
Band66	1.4	132665	3	#Max	QPSK	25.62	1.24	26.86	PASS
Band66	1.4	132665	6	#0	QPSK	24.60	1.24	25.84	PASS
Band66	1.4	132665	1	#0	16QAM	24.51	1.24	25.75	PASS
Band66	1.4	132665	1	#Mid	16QAM	24.51	1.24	25.75	PASS
Band66	1.4	132665	1	#Max	16QAM	24.53	1.24	25.77	PASS
Band66	1.4	132665	3	#0	16QAM	24.51	1.24	25.75	PASS
Band66	1.4	132665	3	#Mid	16QAM	24.47	1.24	25.71	PASS
Band66	1.4	132665	3	#Max	16QAM	24.54	1.24	25.78	PASS
Band66	1.4	132665	6	#0	16QAM	23.59	1.24	24.83	PASS
Band66	3	131987	1	#0	QPSK	25.55	1.24	26.79	PASS
Band66	3	131987	1	#Mid	QPSK	25.58	1.24	26.82	PASS
Band66	3	131987	1	#Max	QPSK	25.56	1.24	26.80	PASS
Band66	3	131987	8	#0	QPSK	24.58	1.24	25.82	PASS
Band66	3	131987	8	#Mid	QPSK	24.54	1.24	25.78	PASS
Band66	3	131987	8	#Max	QPSK	24.62	1.24	25.86	PASS
Band66	3	131987	15	#0	QPSK	24.62	1.24	25.86	PASS
Band66	3	131987	1	#0	16QAM	25.60	1.24	26.84	PASS
Band66	3	131987	1	#Mid	16QAM	25.60	1.24	26.84	PASS
Band66	3	131987	1	#Max	16QAM	25.71	1.24	26.95	PASS
Band66	3	131987	8	#0	16QAM	23.58	1.24	24.82	PASS
Band66	3	131987	8	#Mid	16QAM	23.57	1.24	24.81	PASS

Band66	3	131987	8	#Max	16QAM	23.67	1.24	24.91	PASS
Band66	3	131987	15	#0	16QAM	23.67	1.24	24.91	PASS
Band66	3	132322	1	#0	QPSK	25.90	1.24	27.14	PASS
Band66	3	132322	1	#Mid	QPSK	25.85	1.24	27.09	PASS
Band66	3	132322	1	#Max	QPSK	25.92	1.24	27.16	PASS
Band66	3	132322	8	#0	QPSK	24.83	1.24	26.07	PASS
Band66	3	132322	8	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	3	132322	8	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	3	132322	15	#0	QPSK	24.87	1.24	26.11	PASS
Band66	3	132322	1	#0	16QAM	24.98	1.24	26.22	PASS
Band66	3	132322	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	3	132322	1	#Max	16QAM	24.92	1.24	26.16	PASS
Band66	3	132322	8	#0	16QAM	23.97	1.24	25.21	PASS
Band66	3	132322	8	#Mid	16QAM	24.02	1.24	25.26	PASS
Band66	3	132322	8	#Max	16QAM	23.98	1.24	25.22	PASS
Band66	3	132322	15	#0	16QAM	23.95	1.24	25.19	PASS
Band66	3	132657	1	#0	QPSK	25.60	1.24	26.84	PASS
Band66	3	132657	1	#Mid	QPSK	25.67	1.24	26.91	PASS
Band66	3	132657	1	#Max	QPSK	25.65	1.24	26.89	PASS
Band66	3	132657	8	#0	QPSK	24.58	1.24	25.82	PASS
Band66	3	132657	8	#Mid	QPSK	24.45	1.24	25.69	PASS
Band66	3	132657	8	#Max	QPSK	24.55	1.24	25.79	PASS
Band66	3	132657	15	#0	QPSK	24.58	1.24	25.82	PASS
Band66	3	132657	1	#0	16QAM	24.56	1.24	25.80	PASS
Band66	3	132657	1	#Mid	16QAM	24.48	1.24	25.72	PASS
Band66	3	132657	1	#Max	16QAM	24.45	1.24	25.69	PASS
Band66	3	132657	8	#0	16QAM	23.55	1.24	24.79	PASS
Band66	3	132657	8	#Mid	16QAM	23.53	1.24	24.77	PASS
Band66	3	132657	8	#Max	16QAM	23.56	1.24	24.80	PASS
Band66	3	132657	15	#0	16QAM	23.65	1.24	24.89	PASS
Band66	5	131997	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	5	131997	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	5	131997	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	5	131997	12	#0	QPSK	24.71	1.24	25.95	PASS
Band66	5	131997	12	#Mid	QPSK	24.73	1.24	25.97	PASS
Band66	5	131997	12	#Max	QPSK	24.79	1.24	26.03	PASS
Band66	5	131997	25	#0	QPSK	24.76	1.24	26.00	PASS
Band66	5	131997	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	5	131997	1	#Mid	16QAM	24.71	1.24	25.95	PASS
Band66	5	131997	1	#Max	16QAM	24.83	1.24	26.07	PASS
Band66	5	131997	12	#0	16QAM	23.57	1.24	24.81	PASS
Band66	5	131997	12	#Mid	16QAM	23.69	1.24	24.93	PASS
Band66	5	131997	12	#Max	16QAM	23.66	1.24	24.90	PASS
Band66	5	131997	25	#0	16QAM	23.81	1.24	25.05	PASS
Band66	5	132322	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	5	132322	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	5	132322	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	5	132322	12	#0	QPSK	25.06	1.24	26.30	PASS
Band66	5	132322	12	#Mid	QPSK	24.97	1.24	26.21	PASS
Band66	5	132322	12	#Max	QPSK	25.06	1.24	26.30	PASS
Band66	5	132322	25	#0	QPSK	25.07	1.24	26.31	PASS
Band66	5	132322	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	5	132322	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	5	132322	1	#Max	16QAM	24.85	1.24	26.09	PASS
Band66	5	132322	12	#0	16QAM	23.79	1.24	25.03	PASS
Band66	5	132322	12	#Mid	16QAM	23.82	1.24	25.06	PASS
Band66	5	132322	12	#Max	16QAM	23.79	1.24	25.03	PASS

Band66	5	132322	25	#0	16QAM	24.04	1.24	25.28	PASS
Band66	5	132647	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	5	132647	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	5	132647	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	5	132647	12	#0	QPSK	24.53	1.24	25.77	PASS
Band66	5	132647	12	#Mid	QPSK	24.57	1.24	25.81	PASS
Band66	5	132647	12	#Max	QPSK	24.52	1.24	25.76	PASS
Band66	5	132647	25	#0	QPSK	24.54	1.24	25.78	PASS
Band66	5	132647	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	5	132647	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	5	132647	1	#Max	16QAM	24.85	1.24	26.09	PASS
Band66	5	132647	12	#0	16QAM	23.48	1.24	24.72	PASS
Band66	5	132647	12	#Mid	16QAM	23.50	1.24	24.74	PASS
Band66	5	132647	12	#Max	16QAM	23.43	1.24	24.67	PASS
Band66	5	132647	25	#0	16QAM	23.67	1.24	24.91	PASS
Band66	10	132022	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	10	132022	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	10	132022	1	#Max	QPSK	24.83	1.24	26.07	PASS
Band66	10	132022	25	#0	QPSK	24.66	1.24	25.90	PASS
Band66	10	132022	25	#Mid	QPSK	24.59	1.24	25.83	PASS
Band66	10	132022	25	#Max	QPSK	24.75	1.24	25.99	PASS
Band66	10	132022	50	#0	QPSK	24.62	1.24	25.86	PASS
Band66	10	132022	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	10	132022	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	10	132022	1	#Max	16QAM	25.74	1.24	26.98	PASS
Band66	10	132022	25	#0	16QAM	23.74	1.24	24.98	PASS
Band66	10	132022	25	#Mid	16QAM	23.65	1.24	24.89	PASS
Band66	10	132022	25	#Max	16QAM	23.73	1.24	24.97	PASS
Band66	10	132022	50	#0	16QAM	23.61	1.24	24.85	PASS
Band66	10	132322	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	10	132322	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	10	132322	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	10	132322	25	#0	QPSK	24.91	1.24	26.15	PASS
Band66	10	132322	25	#Mid	QPSK	24.91	1.24	26.15	PASS
Band66	10	132322	25	#Max	QPSK	24.96	1.24	26.20	PASS
Band66	10	132322	50	#0	QPSK	24.95	1.24	26.19	PASS
Band66	10	132322	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	10	132322	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	10	132322	1	#Max	16QAM	25.48	1.24	26.72	PASS
Band66	10	132322	25	#0	16QAM	23.94	1.24	25.18	PASS
Band66	10	132322	25	#Mid	16QAM	23.95	1.24	25.19	PASS
Band66	10	132322	25	#Max	16QAM	23.98	1.24	25.22	PASS
Band66	10	132322	50	#0	16QAM	24.00	1.24	25.24	PASS
Band66	10	132622	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	10	132622	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	10	132622	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	10	132622	25	#0	QPSK	24.54	1.24	25.78	PASS
Band66	10	132622	25	#Mid	QPSK	24.60	1.24	25.84	PASS
Band66	10	132622	25	#Max	QPSK	24.53	1.24	25.77	PASS
Band66	10	132622	50	#0	QPSK	24.61	1.24	25.85	PASS
Band66	10	132622	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	10	132622	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	10	132622	1	#Max	16QAM	24.82	1.24	26.06	PASS
Band66	10	132622	25	#0	16QAM	23.59	1.24	24.83	PASS
Band66	10	132622	25	#Mid	16QAM	23.66	1.24	24.90	PASS
Band66	10	132622	25	#Max	16QAM	23.59	1.24	24.83	PASS
Band66	10	132622	50	#0	16QAM	23.60	1.24	24.84	PASS

Band66	15	132047	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	15	132047	1	#Mid	QPSK	25.52	1.24	26.76	PASS
Band66	15	132047	1	#Max	QPSK	24.83	1.24	26.07	PASS
Band66	15	132047	36	#0	QPSK	24.56	1.24	25.80	PASS
Band66	15	132047	36	#Mid	QPSK	24.64	1.24	25.88	PASS
Band66	15	132047	36	#Max	QPSK	24.69	1.24	25.93	PASS
Band66	15	132047	75	#0	QPSK	24.57	1.24	25.81	PASS
Band66	15	132047	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	15	132047	1	#Mid	16QAM	25.57	1.24	26.81	PASS
Band66	15	132047	1	#Max	16QAM	24.83	1.24	26.07	PASS
Band66	15	132047	36	#0	16QAM	23.59	1.24	24.83	PASS
Band66	15	132047	36	#Mid	16QAM	23.67	1.24	24.91	PASS
Band66	15	132047	36	#Max	16QAM	23.60	1.24	24.84	PASS
Band66	15	132047	75	#0	16QAM	23.68	1.24	24.92	PASS
Band66	15	132322	1	#0	QPSK	24.83	1.24	26.07	PASS
Band66	15	132322	1	#Mid	QPSK	24.88	1.24	26.12	PASS
Band66	15	132322	1	#Max	QPSK	24.85	1.24	26.09	PASS
Band66	15	132322	36	#0	QPSK	24.91	1.24	26.15	PASS
Band66	15	132322	36	#Mid	QPSK	24.93	1.24	26.17	PASS
Band66	15	132322	36	#Max	QPSK	25.02	1.24	26.26	PASS
Band66	15	132322	75	#0	QPSK	24.99	1.24	26.23	PASS
Band66	15	132322	1	#0	16QAM	24.83	1.24	26.07	PASS
Band66	15	132322	1	#Mid	16QAM	24.88	1.24	26.12	PASS
Band66	15	132322	1	#Max	16QAM	24.85	1.24	26.09	PASS
Band66	15	132322	36	#0	16QAM	23.92	1.24	25.16	PASS
Band66	15	132322	36	#Mid	16QAM	24.02	1.24	25.26	PASS
Band66	15	132322	36	#Max	16QAM	24.00	1.24	25.24	PASS
Band66	15	132322	75	#0	16QAM	23.85	1.24	25.09	PASS
Band66	15	132597	1	#0	QPSK	24.57	1.24	25.81	PASS
Band66	15	132597	1	#Mid	QPSK	24.83	1.24	26.07	PASS
Band66	15	132597	1	#Max	QPSK	25.52	1.24	26.76	PASS
Band66	15	132597	36	#0	QPSK	24.71	1.24	25.95	PASS
Band66	15	132597	36	#Mid	QPSK	24.55	1.24	25.79	PASS
Band66	15	132597	36	#Max	QPSK	24.63	1.24	25.87	PASS
Band66	15	132597	75	#0	QPSK	24.48	1.24	25.72	PASS
Band66	15	132597	1	#0	16QAM	24.57	1.24	25.81	PASS
Band66	15	132597	1	#Mid	16QAM	25.42	1.24	26.66	PASS
Band66	15	132597	1	#Max	16QAM	24.57	1.24	25.81	PASS
Band66	15	132597	36	#0	16QAM	23.66	1.24	24.90	PASS
Band66	15	132597	36	#Mid	16QAM	23.51	1.24	24.75	PASS
Band66	15	132597	36	#Max	16QAM	23.49	1.24	24.73	PASS
Band66	15	132597	75	#0	16QAM	23.65	1.24	24.89	PASS
Band66	20	132072	1	#0	QPSK	24.57	1.24	25.81	PASS
Band66	20	132072	1	#Mid	QPSK	24.83	1.24	26.07	PASS
Band66	20	132072	1	#Max	QPSK	25.57	1.24	26.81	PASS
Band66	20	132072	50	#0	QPSK	24.55	1.24	25.79	PASS
Band66	20	132072	50	#Mid	QPSK	24.63	1.24	25.87	PASS
Band66	20	132072	50	#Max	QPSK	24.73	1.24	25.97	PASS
Band66	20	132072	100	#0	QPSK	24.59	1.24	25.83	PASS
Band66	20	132072	1	#0	16QAM	24.57	1.24	25.81	PASS
Band66	20	132072	1	#Mid	16QAM	24.82	1.24	26.06	PASS
Band66	20	132072	1	#Max	16QAM	24.69	1.24	25.93	PASS
Band66	20	132072	50	#0	16QAM	23.69	1.24	24.93	PASS
Band66	20	132072	50	#Mid	16QAM	23.79	1.24	25.03	PASS
Band66	20	132072	50	#Max	16QAM	23.81	1.24	25.05	PASS
Band66	20	132072	100	#0	16QAM	23.64	1.24	24.88	PASS
Band66	20	132322	1	#0	QPSK	26.14	1.24	27.38	PASS

Band66	20	132322	1	#Mid	QPSK	24.57	1.24	25.81	PASS
Band66	20	132322	1	#Max	QPSK	24.83	1.24	26.07	PASS
Band66	20	132322	50	#0	QPSK	24.75	1.24	25.99	PASS
Band66	20	132322	50	#Mid	QPSK	24.97	1.24	26.21	PASS
Band66	20	132322	50	#Max	QPSK	25.05	1.24	26.29	PASS
Band66	20	132322	100	#0	QPSK	25.02	1.24	26.26	PASS
Band66	20	132322	1	#0	16QAM	24.57	1.24	25.81	PASS
Band66	20	132322	1	#Mid	16QAM	24.83	1.24	26.07	PASS
Band66	20	132322	1	#Max	16QAM	25.57	1.24	26.81	PASS
Band66	20	132322	50	#0	16QAM	23.89	1.24	25.13	PASS
Band66	20	132322	50	#Mid	16QAM	23.93	1.24	25.17	PASS
Band66	20	132322	50	#Max	16QAM	23.94	1.24	25.18	PASS
Band66	20	132322	100	#0	16QAM	23.96	1.24	25.20	PASS
Band66	20	132572	1	#0	QPSK	25.81	1.24	27.05	PASS
Band66	20	132572	1	#Mid	QPSK	24.57	1.24	25.81	PASS
Band66	20	132572	1	#Max	QPSK	25.65	1.24	26.89	PASS
Band66	20	132572	50	#0	QPSK	24.77	1.24	26.01	PASS
Band66	20	132572	50	#Mid	QPSK	24.65	1.24	25.89	PASS
Band66	20	132572	50	#Max	QPSK	24.62	1.24	25.86	PASS
Band66	20	132572	100	#0	QPSK	24.65	1.24	25.89	PASS
Band66	20	132572	1	#0	16QAM	24.57	1.24	25.81	PASS
Band66	20	132572	1	#Mid	16QAM	24.83	1.24	26.07	PASS
Band66	20	132572	1	#Max	16QAM	25.57	1.24	26.81	PASS
Band66	20	132572	50	#0	16QAM	23.82	1.24	25.06	PASS
Band66	20	132572	50	#Mid	16QAM	23.78	1.24	25.02	PASS
Band66	20	132572	50	#Max	16QAM	23.66	1.24	24.90	PASS
Band66	20	132572	100	#0	16QAM	23.70	1.24	24.94	PASS

NFC								
Modulation	Frequency (MHz)	Output Power (dBuV/m)	Output Power (dBm)	Tune-up (dBm)	Tune-up (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
ASK	13.56	73.27	-26.63	-26.00	0.00251	5.0	0.00079	3.0

Note:

Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

According to the calculation results in the table above, NFC SAR does not need to be tested.

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	158	<25	48	<25
BT/WIFI	<25	<25	<25	158	50	<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 $\leq 1/4$ dB 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 $\leq 1/2$ 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	14.91	15.0	1.021	0.187	0.191	1
		Left Tilt	2437	14.91	15.0	1.021	0.120	0.123	
		Right Cheek	2437	14.91	15.0	1.021	0.124	0.127	
		Right Tilt	2437	14.91	15.0	1.021	0.135	0.138	
Body & Hotspot	802.11b	Front Face	2437	14.91	15.0	1.021	0.088	0.090	
		Back Face	2437	14.91	15.0	1.021	0.142	0.145	
Hotspot	802.11b	Right Side	2437	14.91	15.0	1.021	0.145	0.148	
		Top Side	2437	14.91	15.0	1.021	0.084	0.086	

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	5180	12.60	13.0	1.096	0.510	0.559	
		Left Tilt	5180	12.60	13.0	1.096	0.614	0.673	2
		Right Cheek	5180	12.60	13.0	1.096	0.289	0.317	
		Right Tilt	5180	12.60	13.0	1.096	0.507	0.556	
Body & Hotspot	802.11a	Front Face	5180	12.60	13.0	1.096	0.366	0.401	
		Back Face	5180	12.60	13.0	1.096	0.292	0.320	
Hotspot	802.11a	Right Side	5180	12.60	13.0	1.096	0.414	0.454	
		Top Side	5180	12.60	13.0	1.096	0.348	0.382	

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	5745	11.54	12.0	1.112	0.496	0.551	3
		Left Tilt	5745	11.54	12.0	1.112	0.309	0.344	
		Right Cheek	5745	11.54	12.0	1.112	0.473	0.526	
		Right Tilt	5745	11.54	12.0	1.112	0.188	0.209	
Body & Hotspot	802.11a	Front Face	5745	11.54	12.0	1.112	0.313	0.348	
		Back Face	5745	11.54	12.0	1.112	0.273	0.304	
Hotspot	802.11a	Right Side	5745	11.54	12.0	1.112	0.221	0.246	
		Top Side	5745	11.54	12.0	1.112	0.381	0.424	

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	34.51	35.0	1.119	0.118	0.132	
		Left Tilt	848.8	34.51	35.0	1.119	0.156	0.175	
		Right Cheek	848.8	34.51	35.0	1.119	0.151	0.169	
		Right Tilt	848.8	34.51	35.0	1.119	0.142	0.159	
Body & Hotspot	GSM	Front Face	848.8	34.51	35.0	1.119	0.244	0.273	
		Back Face	848.8	34.51	35.0	1.119	0.387	0.433	
	GPRS Slot-2	Front Face	824.2	31.82	32.0	1.042	0.172	0.179	
		Back Face	824.2	31.82	32.0	1.042	0.658	0.686	4
Hotspot	GPRS Slot-2	Right Side	824.2	31.82	32.0	1.042	0.091	0.095	
		Bottom Side	824.2	31.82	32.0	1.042	0.097	0.101	

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	1880	32.07	32.5	1.104	0.091	0.100	
		Left Tilt	1880	32.07	32.5	1.104	0.166	0.183	
		Right Cheek	1880	32.07	32.5	1.104	0.091	0.100	
		Right Tilt	1880	32.07	32.5	1.104	0.117	0.129	
Body & Hotspot	GSM	Front Face	1880	32.07	32.5	1.104	0.156	0.172	
		Back Face	1880	32.07	32.5	1.104	0.862	0.952	
		Back Face	1850.2	31.95	32.5	1.135	0.834	0.947	
		Back Face	1909.8	31.01	32.5	1.409	0.695	0.979	5
	GPRS Slot-3	Front Face	1850.2	27.84	28.0	1.038	0.116	0.120	
		Back Face	1850.2	27.84	28.0	1.038	0.725	0.752	
Hotspot	GSM	Right Side	1880	32.07	32.5	1.104	0.360	0.397	
		Bottom Side	1880	32.07	32.5	1.104	0.611	0.675	

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	25.75	26.0	1.059	0.129	0.137	
		Left Tilt	1907.6	25.75	26.0	1.059	0.230	0.244	
		Right Cheek	1907.6	25.75	26.0	1.059	0.160	0.169	
		Right Tilt	1907.6	25.75	26.0	1.059	0.289	0.306	
Body & Hotspot	RMC	Front Face	1907.6	25.75	26.0	1.059	0.186	0.197	
		Back Face	1907.6	25.75	26.0	1.059	0.863	0.914	
		Back Face	1852.4	25.40	26.0	1.148	0.912	1.047	6
		Back Face	1880	25.67	26.0	1.079	0.900	0.971	
Hotspot	RMC	Right Side	1907.6	25.75	26.0	1.059	0.347	0.368	
		Bottom Side	1907.6	25.75	26.0	1.059	0.925	0.980	

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	25.84	26.0	1.038	0.141	0.146	
		Left Tilt	1752.6	25.84	26.0	1.038	0.300	0.311	
		Right Cheek	1752.6	25.84	26.0	1.038	0.293	0.304	
		Right Tilt	1752.6	25.84	26.0	1.038	0.330	0.342	
Body & Hotspot	RMC	Front Face	1752.6	25.84	26.0	1.038	0.136	0.141	
		Back Face	1752.6	25.84	26.0	1.038	0.720	0.747	
Hotspot	RMC	Right Side	1752.6	25.84	26.0	1.038	0.162	0.168	
		Bottom Side	1752.6	25.84	26.0	1.038	0.638	0.662	7

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	24.55	25.0	1.109	0.168	0.186	
		Left Tilt	836.4	24.55	25.0	1.109	0.171	0.190	
		Right Cheek	836.4	24.55	25.0	1.109	0.139	0.154	
		Right Tilt	836.4	24.55	25.0	1.109	0.167	0.185	
Body & Hotspot	RMC	Front Face	836.4	24.55	25.0	1.109	0.198	0.220	
		Back Face	836.4	24.55	25.0	1.109	0.221	0.245	
Hotspot	RMC	Right Side	836.4	24.55	25.0	1.109	0.200	0.222	
		Bottom Side	836.4	24.55	25.0	1.109	0.228	0.253	8

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	24.55	25.0	1.109	0.081	0.090	
		Left Tilt	1880	24.55	25.0	1.109	0.119	0.132	
		Right Cheek	1880	24.55	25.0	1.109	0.098	0.109	
		Right Tilt	1880	24.55	25.0	1.109	0.077	0.085	
	QPSK, 50%RB	Left Cheek	1860	23.25	23.5	1.059	0.052	0.055	
		Left Tilt	1860	23.25	23.5	1.059	0.116	0.123	
		Right Cheek	1860	23.25	23.5	1.059	0.082	0.087	
		Right Tilt	1860	23.25	23.5	1.059	0.068	0.072	
Body & Hotspot	QPSK, 1RB	Front Face	1880	24.55	25.0	1.109	0.221	0.245	
		Back Face	1880	24.55	25.0	1.109	0.678	0.752	9
	QPSK, 50%RB	Front Face	1860	23.25	23.5	1.059	0.175	0.185	
		Back Face	1860	23.25	23.5	1.059	0.552	0.585	
Hotspot	QPSK, 1RB	Right Side	1880	24.55	25.0	1.109	0.286	0.317	
		Bottom Side	1880	24.55	25.0	1.109	0.350	0.388	
	QPSK, 50%RB	Right Side	1860	23.25	23.5	1.059	0.212	0.225	
		Bottom Side	1860	23.25	23.5	1.059	0.169	0.179	

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	26.20	26.5	1.072	0.129	0.138	
		Left Tilt	1732.5	26.20	26.5	1.072	0.084	0.090	
		Right Cheek	1732.5	26.20	26.5	1.072	0.151	0.162	
		Right Tilt	1732.5	26.20	26.5	1.072	0.110	0.118	
	QPSK, 50%RB	Left Cheek	1745	25.06	25.5	1.107	0.118	0.131	
		Left Tilt	1745	25.06	25.5	1.107	0.064	0.071	
		Right Cheek	1745	25.06	25.5	1.107	0.129	0.143	
		Right Tilt	1745	25.06	25.5	1.107	0.052	0.058	
Body & Hotspot	QPSK, 1RB	Front Face	1732.5	26.20	26.5	1.072	0.179	0.192	
		Back Face	1732.5	26.20	26.5	1.072	0.868	0.930	
		Back Face	1720	24.09	26.5	1.742	0.595	1.036	10
		Back Face	1745	24.09	26.5	1.742	0.583	1.015	
	QPSK, 50%RB	Front Face	1745	25.06	25.5	1.107	0.058	0.064	
		Back Face	1745	25.06	25.5	1.107	0.660	0.730	
Hotspot	QPSK, 1RB	Right Side	1732.5	26.20	26.5	1.072	0.364	0.390	
		Bottom Side	1732.5	26.20	26.5	1.072	0.690	0.739	
	QPSK, 50%RB	Right Side	1745	25.06	25.5	1.107	0.762	0.843	
		Bottom Side	1745	25.06	25.5	1.107	0.522	0.578	

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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	836.5	24.44	24.5	1.014	0.165	0.167	
		Left Tilt	836.5	24.44	24.5	1.014	0.267	0.271	
		Right Cheek	836.5	24.44	24.5	1.014	0.128	0.130	
		Right Tilt	836.5	24.44	24.5	1.014	0.174	0.176	
	QPSK, 50%RB	Left Cheek	836.5	23.83	24.0	1.040	0.121	0.126	
		Left Tilt	836.5	23.83	24.0	1.040	0.198	0.206	
		Right Cheek	836.5	23.83	24.0	1.040	0.131	0.136	
		Right Tilt	836.5	23.83	24.0	1.040	0.128	0.133	
Body & Hotspot	QPSK, 1RB	Front Face	836.5	24.44	24.5	1.014	0.192	0.195	
		Back Face	836.5	24.44	24.5	1.014	0.424	0.430	11
	QPSK, 50%RB	Front Face	836.5	23.83	24.0	1.040	0.185	0.192	
		Back Face	836.5	23.83	24.0	1.040	0.338	0.351	
Hotspot	QPSK, 1RB	Right Side	836.5	24.44	24.5	1.014	0.223	0.226	
		Bottom Side	836.5	24.44	24.5	1.014	0.108	0.110	
	QPSK, 50%RB	Right Side	836.5	23.83	24.0	1.040	0.185	0.192	
		Bottom Side	836.5	23.83	24.0	1.040	0.051	0.053	

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	21.96	22.0	1.009	0.107	0.108	
		Left Tilt	2510	21.96	22.0	1.009	0.133	0.134	
		Right Cheek	2510	21.96	22.0	1.009	0.147	0.148	
		Right Tilt	2510	21.96	22.0	1.009	0.166	0.168	
	QPSK, 50%RB	Left Cheek	2510	20.87	21.0	1.030	0.082	0.084	
		Left Tilt	2510	20.87	21.0	1.030	0.112	0.115	
		Right Cheek	2510	20.87	21.0	1.030	0.126	0.130	
		Right Tilt	2510	20.87	21.0	1.030	0.131	0.135	
Body & Hotspot	QPSK, 1RB	Front Face	2510	21.96	22.0	1.009	0.151	0.152	
		Back Face	2510	21.96	22.0	1.009	0.330	0.333	
	QPSK, 50%RB	Front Face	2510	20.87	21.0	1.030	0.127	0.131	
		Back Face	2510	20.87	21.0	1.030	0.305	0.314	
Hotspot	QPSK, 1RB	Right Side	2510	21.96	22.0	1.009	0.224	0.226	
		Bottom Side	2510	21.96	22.0	1.009	0.392	0.396	12
	QPSK, 50%RB	Right Side	2510	20.87	21.0	1.030	0.193	0.199	
		Bottom Side	2510	20.87	21.0	1.030	0.228	0.235	

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	711	23.80	24.0	1.047	0.224	0.235	
		Left Tilt	711	23.80	24.0	1.047	0.476	0.498	
		Right Cheek	711	23.80	24.0	1.047	0.226	0.237	
		Right Tilt	711	23.80	24.0	1.047	0.375	0.393	
	QPSK, 50%RB	Left Cheek	711	23.36	23.5	1.033	0.208	0.215	
		Left Tilt	711	23.36	23.5	1.033	0.282	0.291	
		Right Cheek	711	23.36	23.5	1.033	0.137	0.141	
		Right Tilt	711	23.36	23.5	1.033	0.162	0.167	
Body & Hotspot	QPSK, 1RB	Front Face	711	23.80	24.0	1.047	0.393	0.412	
		Back Face	711	23.80	24.0	1.047	0.572	0.599	13
	QPSK, 50%RB	Front Face	711	23.36	23.5	1.033	0.320	0.330	
		Back Face	711	23.36	23.5	1.033	0.460	0.475	
Hotspot	QPSK, 1RB	Right Side	711	23.80	24.0	1.047	0.369	0.386	
		Bottom Side	711	23.80	24.0	1.047	0.112	0.117	
	QPSK, 50%RB	Right Side	711	23.36	23.5	1.033	0.317	0.327	
		Bottom Side	711	23.36	23.5	1.033	0.099	0.102	

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	709	23.95	24.0	1.012	0.315	0.319	
		Left Tilt	709	23.95	24.0	1.012	0.376	0.380	
		Right Cheek	709	23.95	24.0	1.012	0.371	0.375	
		Right Tilt	709	23.95	24.0	1.012	0.416	0.421	
	QPSK, 50%RB	Left Cheek	710	23.31	23.5	1.045	0.191	0.200	
		Left Tilt	710	23.31	23.5	1.045	0.162	0.169	
		Right Cheek	710	23.31	23.5	1.045	0.139	0.145	
		Right Tilt	710	23.31	23.5	1.045	0.225	0.235	
Body & Hotspot	QPSK, 1RB	Front Face	709	23.95	24.0	1.012	0.293	0.296	
		Back Face	709	23.95	24.0	1.012	0.537	0.543	14
	QPSK, 50%RB	Front Face	710	23.31	23.5	1.045	0.250	0.261	
		Back Face	710	23.31	23.5	1.045	0.444	0.464	
Hotspot	QPSK, 1RB	Right Side	709	23.95	24.0	1.012	0.354	0.358	
		Bottom Side	709	23.95	24.0	1.012	0.101	0.102	
	QPSK, 50%RB	Right Side	710	23.31	23.5	1.045	0.295	0.308	
		Bottom Side	710	23.31	23.5	1.045	0.086	0.090	

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	26.26	26.5	1.057	0.141	0.149	
		Left Tilt	1905	26.26	26.5	1.057	0.124	0.131	
		Right Cheek	1905	26.26	26.5	1.057	0.160	0.169	
		Right Tilt	1905	26.26	26.5	1.057	0.140	0.148	
	QPSK, 50%RB	Left Cheek	1905	25.05	25.5	1.109	0.120	0.133	
		Left Tilt	1905	25.05	25.5	1.109	0.098	0.109	
		Right Cheek	1905	25.05	25.5	1.109	0.146	0.162	
		Right Tilt	1905	25.05	25.5	1.109	0.114	0.126	
Body & Hotspot	QPSK, 1RB	Front Face	1905	26.26	26.5	1.057	0.166	0.175	
		Back Face	1905	26.26	26.5	1.057	0.541	0.572	15
	QPSK, 50%RB	Front Face	1905	25.05	25.5	1.109	0.121	0.134	
		Back Face	1905	25.05	25.5	1.109	0.143	0.159	
Hotspot	QPSK, 1RB	Right Side	1905	26.26	26.5	1.057	0.201	0.212	
		Bottom Side	1905	26.26	26.5	1.057	0.095	0.100	
	QPSK, 50%RB	Right Side	1905	25.05	25.5	1.109	0.362	0.402	
		Bottom Side	1905	25.05	25.5	1.109	0.156	0.173	

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	25.71	26.0	1.069	0.137	0.146	
		Left Tilt	819	25.71	26.0	1.069	0.186	0.199	
		Right Cheek	819	25.71	26.0	1.069	0.176	0.188	
		Right Tilt	819	25.71	26.0	1.069	0.129	0.138	
	QPSK, 50%RB	Left Cheek	819	23.91	24.0	1.021	0.118	0.120	
		Left Tilt	819	23.91	24.0	1.021	0.139	0.142	
		Right Cheek	819	23.91	24.0	1.021	0.126	0.129	
		Right Tilt	819	23.91	24.0	1.021	0.098	0.100	
Body & Hotspot	QPSK, 1RB	Front Face	819	25.71	26.0	1.069	0.184	0.197	
		Back Face	819	25.71	26.0	1.069	0.416	0.445	16
	QPSK, 50%RB	Front Face	819	23.91	24.0	1.021	0.138	0.141	
		Back Face	819	23.91	24.0	1.021	0.142	0.145	
Hotspot	QPSK, 1RB	Right Side	819	25.71	26.0	1.069	0.179	0.191	
		Bottom Side	819	25.71	26.0	1.069	0.119	0.127	
	QPSK, 50%RB	Right Side	819	23.91	24.0	1.021	0.111	0.113	
		Bottom Side	819	23.91	24.0	1.021	0.106	0.108	

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	831.5	25.86	26.0	1.033	0.188	0.194	
		Left Tilt	831.5	25.86	26.0	1.033	0.388	0.401	
		Right Cheek	831.5	25.86	26.0	1.033	0.191	0.197	
		Right Tilt	831.5	25.86	26.0	1.033	0.185	0.191	
	QPSK, 50%RB	Left Cheek	836.5	24.26	24.5	1.057	0.172	0.182	
		Left Tilt	836.5	24.26	24.5	1.057	0.206	0.218	
		Right Cheek	836.5	24.26	24.5	1.057	0.212	0.224	
		Right Tilt	836.5	24.26	24.5	1.057	0.163	0.172	
Body & Hotspot	QPSK, 1RB	Front Face	831.5	25.86	26.0	1.033	0.242	0.250	
		Back Face	831.5	25.86	26.0	1.033	0.538	0.556	17
	QPSK, 50%RB	Front Face	836.5	24.26	24.5	1.057	0.157	0.166	
		Back Face	836.5	24.26	24.5	1.057	0.363	0.384	
Hotspot	QPSK, 1RB	Right Side	831.5	25.86	26.0	1.033	0.221	0.228	
		Bottom Side	831.5	25.86	26.0	1.033	0.078	0.081	
	QPSK, 50%RB	Right Side	836.5	24.26	24.5	1.057	0.213	0.225	
		Bottom Side	836.5	24.26	24.5	1.057	0.064	0.068	

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	26.14	26.5	1.086	0.066	0.072	
		Left Tilt	1745	26.14	26.5	1.086	0.104	0.113	
		Right Cheek	1745	26.14	26.5	1.086	0.148	0.161	
		Right Tilt	1745	26.14	26.5	1.086	0.085	0.092	
	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	0.056	0.062	
		Right Cheek	1745	25.05	25.5	1.109	0.121	0.134	
		Right Tilt	1745	25.05	25.5	1.109	0.063	0.070	
Body & Hotspot	QPSK, 1RB	Front Face	1745	26.14	26.5	1.086	0.139	0.151	
		Back Face	1745	26.14	26.5	1.086	0.853	0.927	
		Back Face	1720	25.57	26.5	1.239	0.860	1.065	
		Back Face	1770	25.81	26.5	1.172	0.913	1.070	18
	QPSK, 50%RB	Front Face	1745	25.05	25.5	1.109	0.085	0.094	
		Back Face	1745	25.05	25.5	1.109	0.691	0.766	
Hotspot	QPSK, 1RB	Right Side	1745	26.14	26.5	1.086	0.275	0.299	
		Bottom Side	1745	26.14	26.5	1.086	0.718	0.780	
	QPSK, 50%RB	Right Side	1745	25.05	25.5	1.109	0.171	0.190	
		Bottom Side	1745	25.05	25.5	1.109	0.655	0.727	

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 $\leq 20\%$ 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 ($\sim 10\%$ 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
GSM 1900	1880	Body&Hotspot	Back Face	yes	0.862	0.819	1.053
WCDMA Band 2	1852.4	Body&Hotspot	Back Face	yes	0.912	0.809	1.127
LTE Band 4	1732.5	Body&Hotspot	Back Face	yes	0.868	0.811	1.070
LTE Band 66	1770	Body&Hotspot	Back Face	yes	0.913	0.870	1.049

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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 transmitting 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:
 - $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x] \text{ W/kg}$ for test separation distances $\leq 50 \text{ mm}$; 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 $> 50 \text{ mm}$

Estimated stand alone SAR						
Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (mW)	Separation Distance (mm)	X	Estimated SAR1-g (W/kg)
Bluetooth	2480	3.5	2.24	5	3	0.094
Bluetooth	2480	3.5	2.24	10	7.5	0.047

Note:

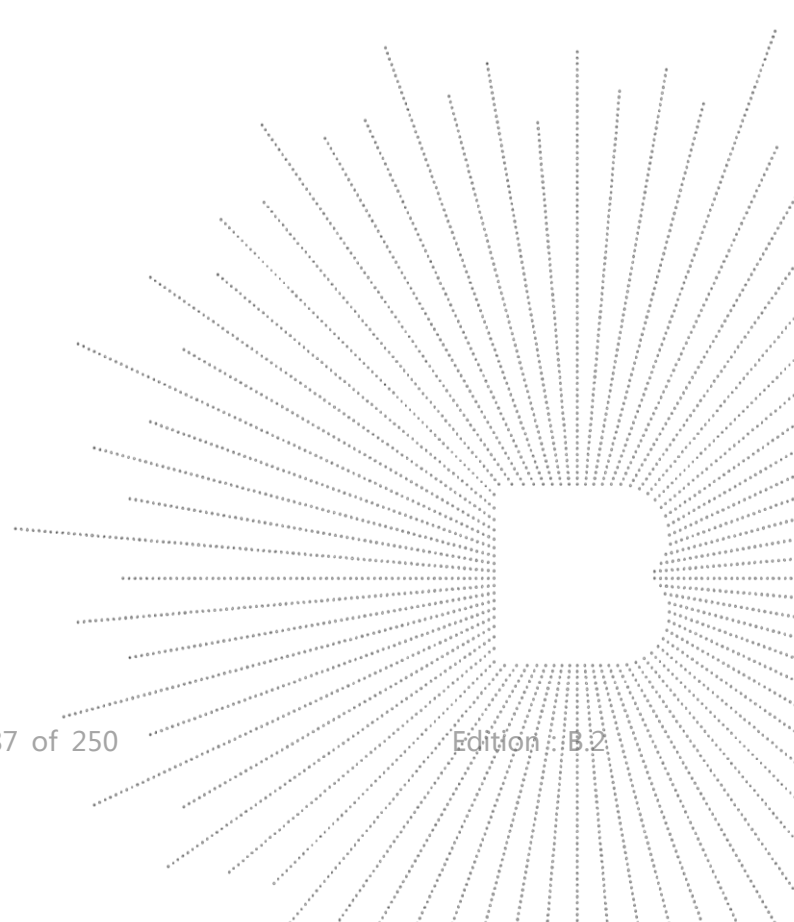
1. Bluetooth*- Including Lower power Bluetooth
2. Maximum average power including tune-up tolerance;
3. When the minimum test separation distance is $< 5 \text{ mm}$, a distance of 5 mm is applied to determine SAR test exclusion

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 $\leq 1.6 \text{ W/Kg}$. When the sum is greater than the SAR limit, SAR test exclusion is determined by the SAR to peak location separation ratio.

$$\text{Ratio} = \frac{(\text{SAR}_1 + \text{SAR}_2)^{1.5}}{(\text{peak location separation, mm})} < 0.04$$

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	0.319	0.559	0.878	1.6
	Left Tilt	0.401	0.673	1.074	1.6
	Right Cheek	0.375	0.526	0.901	1.6
	Right Tilt	0.421	0.556	0.977	1.6
Body& Hotspot	Front Face	0.296	0.401	0.697	1.6
	Back Face	1.070	0.320	1.390	1.6
Hotspot	Left Side	/	/	/	1.6
	Right Side	0.402	0.454	0.856	1.6
	Top Side	/	0.424	0.424	1.6
	Bottom Side	0.780	/	0.780	1.6



15. Test Plots

15.1 System Performance Check

System check at 750 MHz

Date of measurement: 25/1/2025

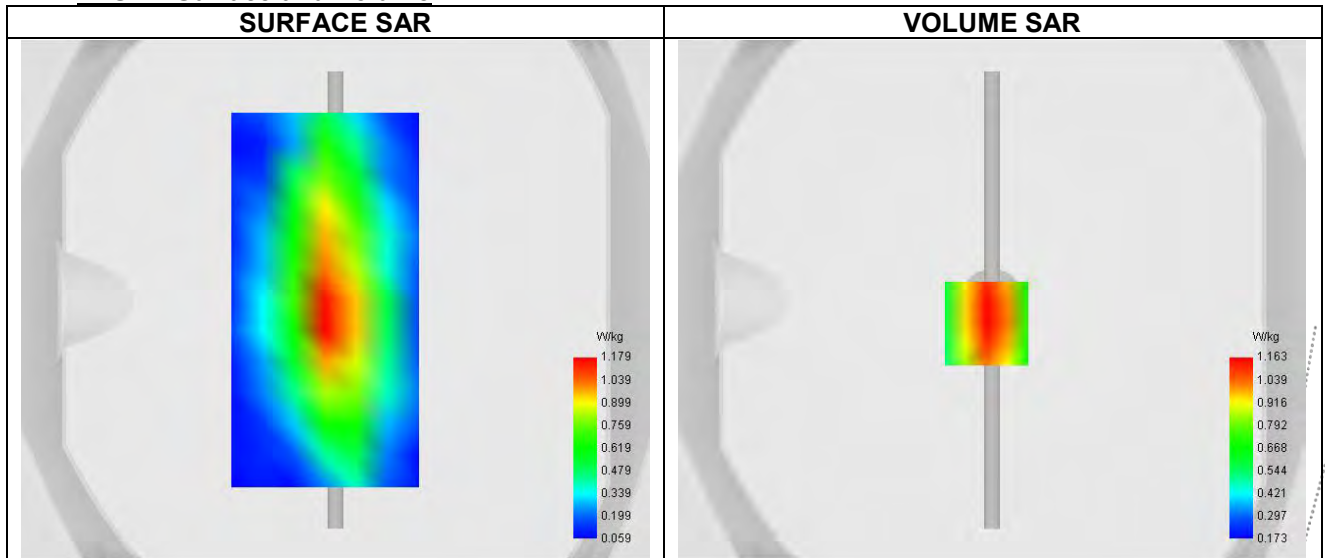
A. Experimental conditions.

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. Permittivity

Frequency (MHz)	750.000
Relative permittivity (real part)	41.171
Relative permittivity (imaginary part)	24.595
Conductivity (S/m)	0.884

C. SAR Surface and Volume



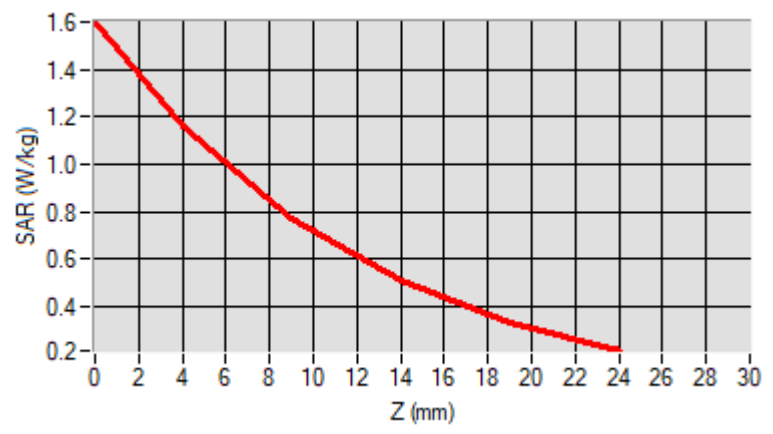
Maximum location: X=-2.00, Y=-9.00 ; SAR Peak: 1.61 W/kg

D. SAR 1g & 10g

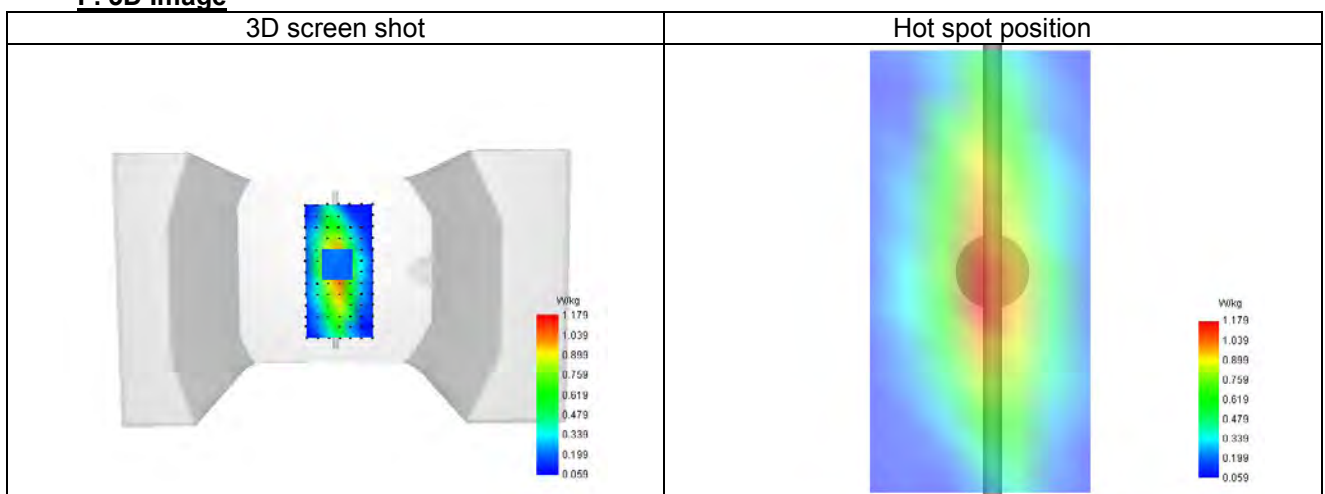
SAR 10g (W/Kg)	0.870
SAR 1g (W/Kg)	2.189
Variation (%)	-1.844
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



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Report

System check at 835 MHz

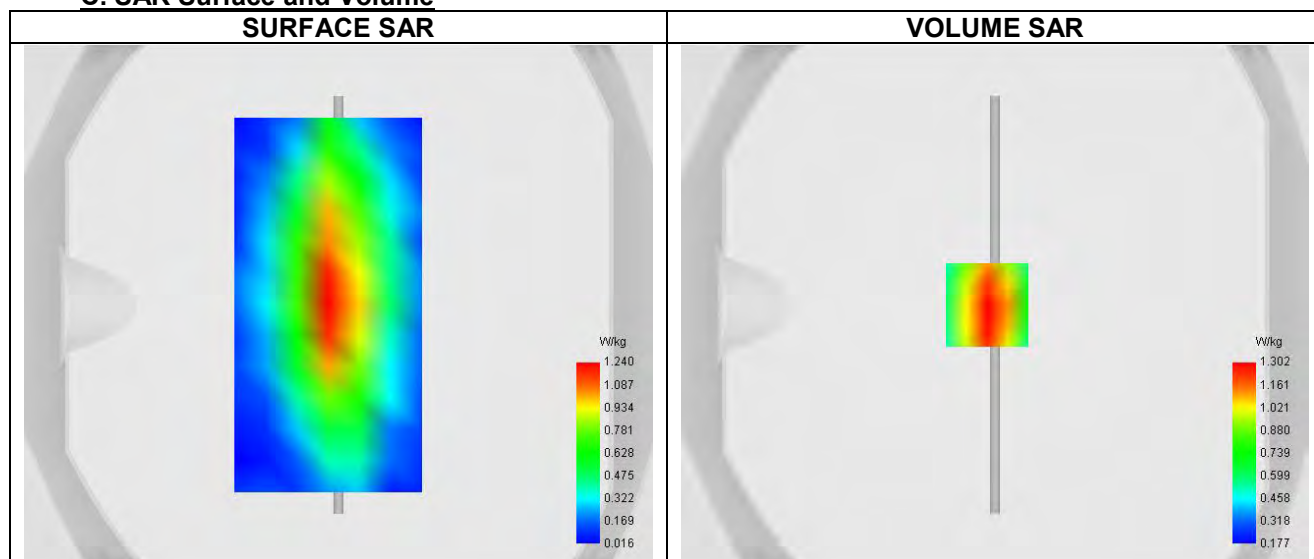
Date of measurement: 13/2/2025

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. Permittivity

Frequency (MHz)	835.000
Relative permittivity (real part)	40.093
Relative permittivity (imaginary part)	20.910
Conductivity (S/m)	0.885

C. SAR Surface and Volume


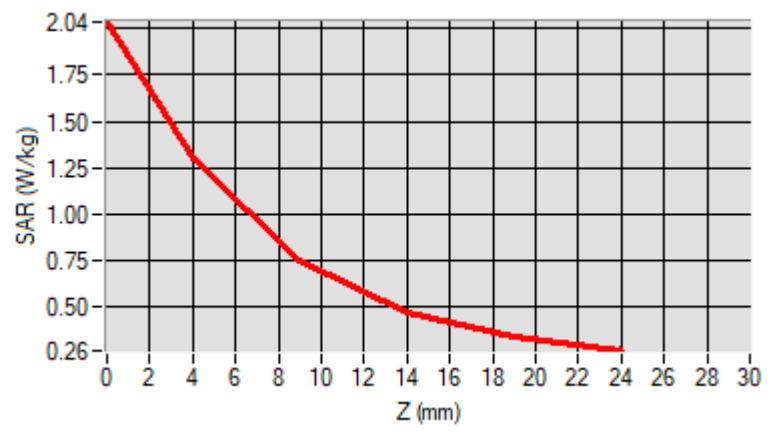
Maximum location: X=-3.00, Y=0.00 ; SAR Peak: 2.06 W/kg

D. SAR 1g & 10g

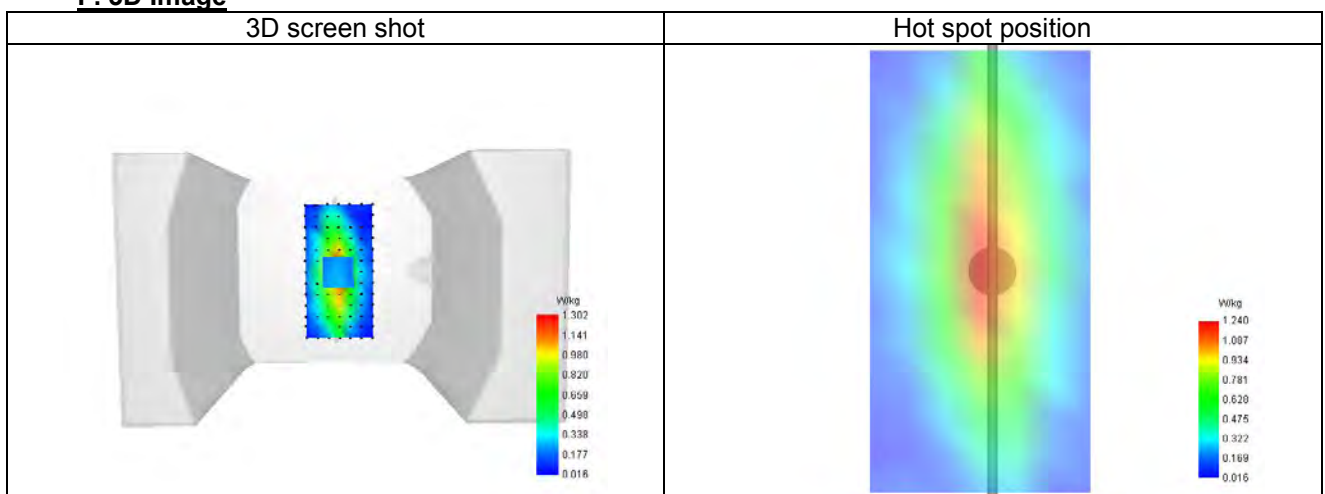
SAR 10g (W/Kg)	0.765
SAR 1g (W/Kg)	2.514
Variation (%)	1.425
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



System check at 1800 MHz

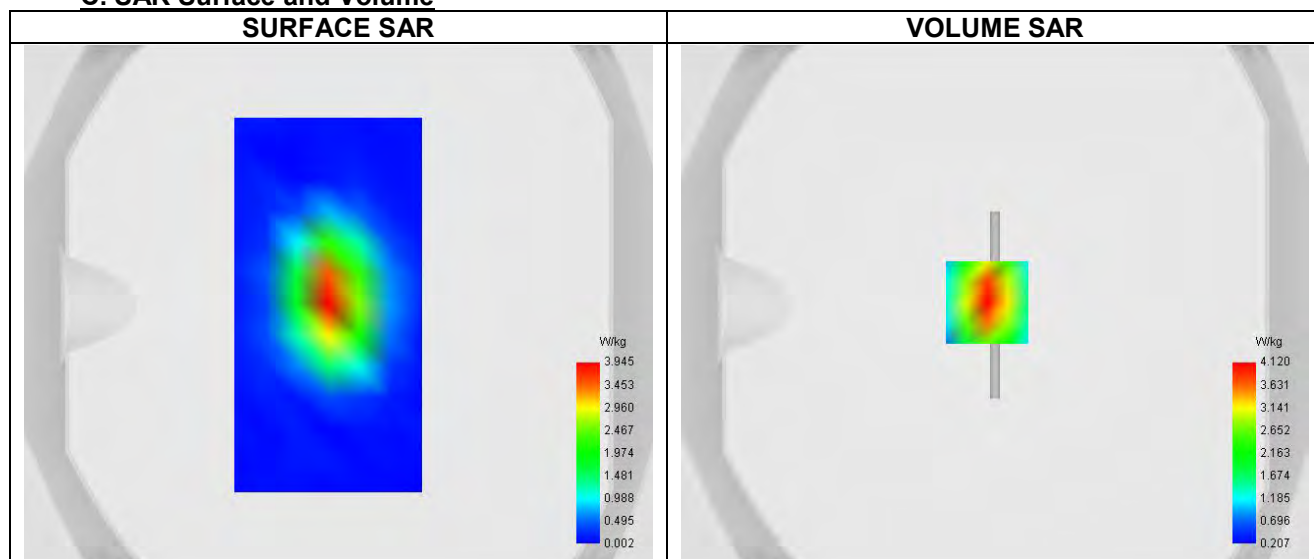
Date of measurement: 6/2/2025

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. Permittivity

Frequency (MHz)	1800.000
Relative permittivity (real part)	39.386
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.415

C. SAR Surface and Volume


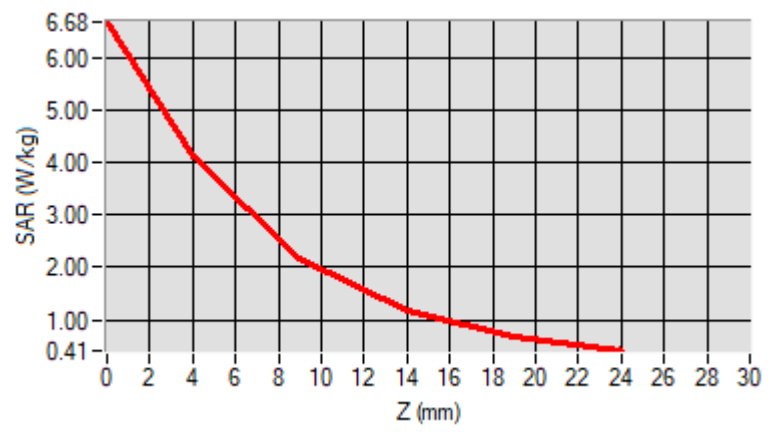
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 6.69 W/kg

D. SAR 1g & 10g

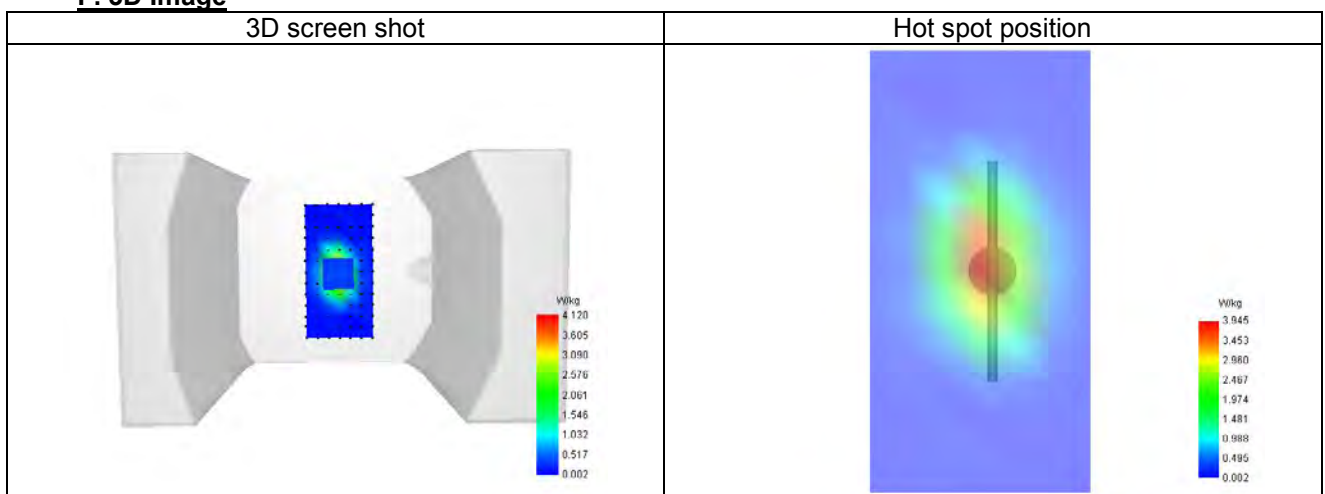
SAR 10g (W/Kg)	4.445
SAR 1g (W/Kg)	10.373
Variation (%)	-1.866
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



System check at 1900 MHz

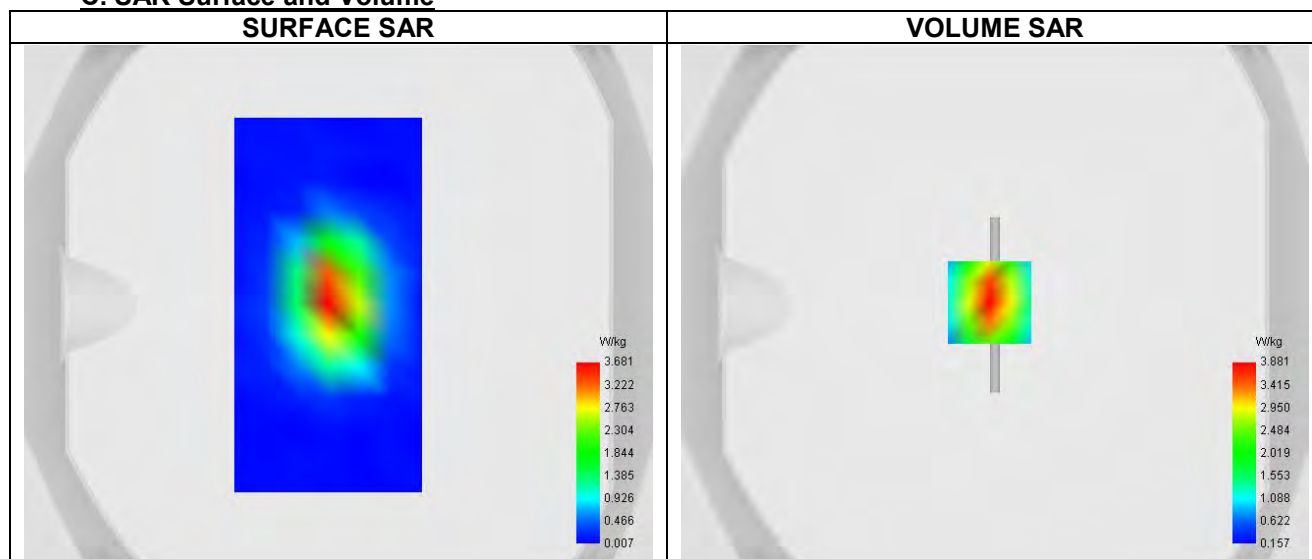
Date of measurement: 7/2/2025

A. Experimental conditions.

Probe	SN 26/23 EPG0420
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. Permittivity

Frequency (MHz)	1900.000
Relative permittivity (real part)	39.152
Relative permittivity (imaginary part)	14.400
Conductivity (S/m)	1.388

C. SAR Surface and Volume


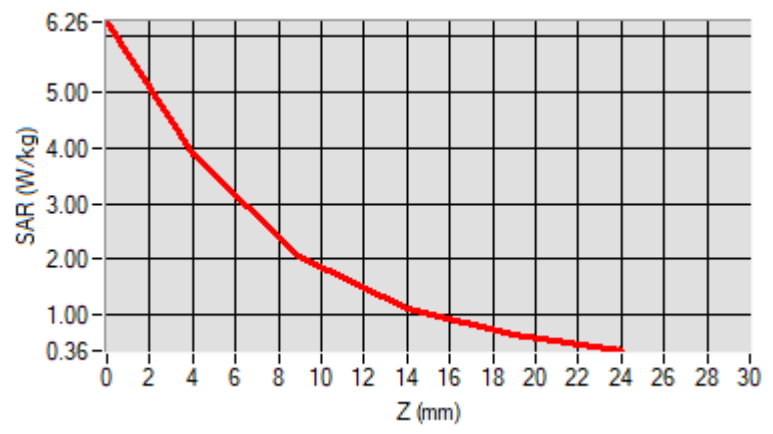
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 6.27 W/kg

D. SAR 1g & 10g

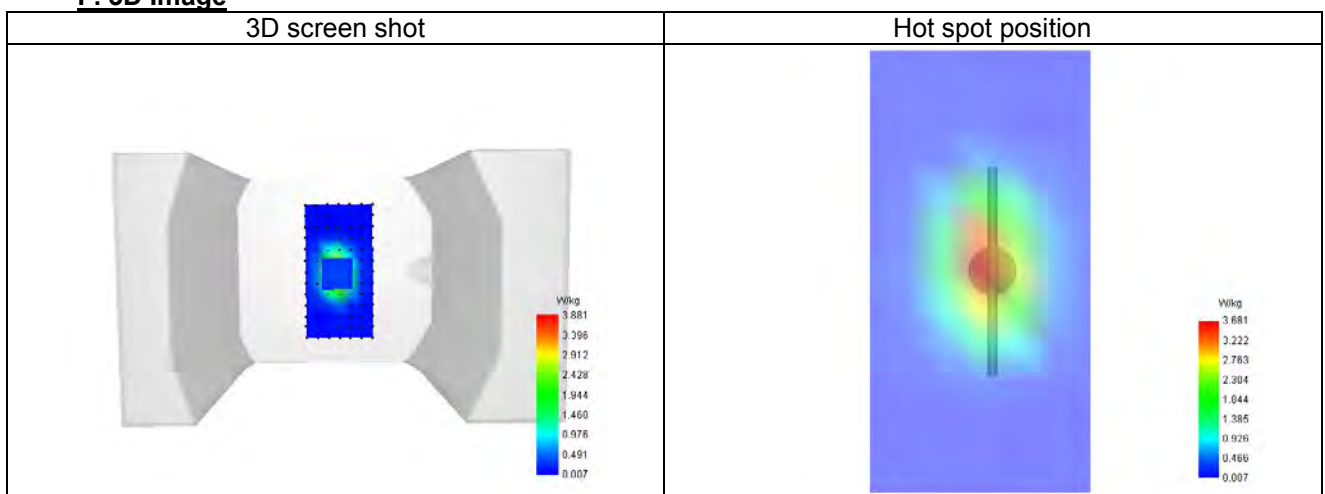
SAR 10g (W/Kg)	4.698
SAR 1g (W/Kg)	10.715
Variation (%)	-0.458
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



System check at 2450 MHz

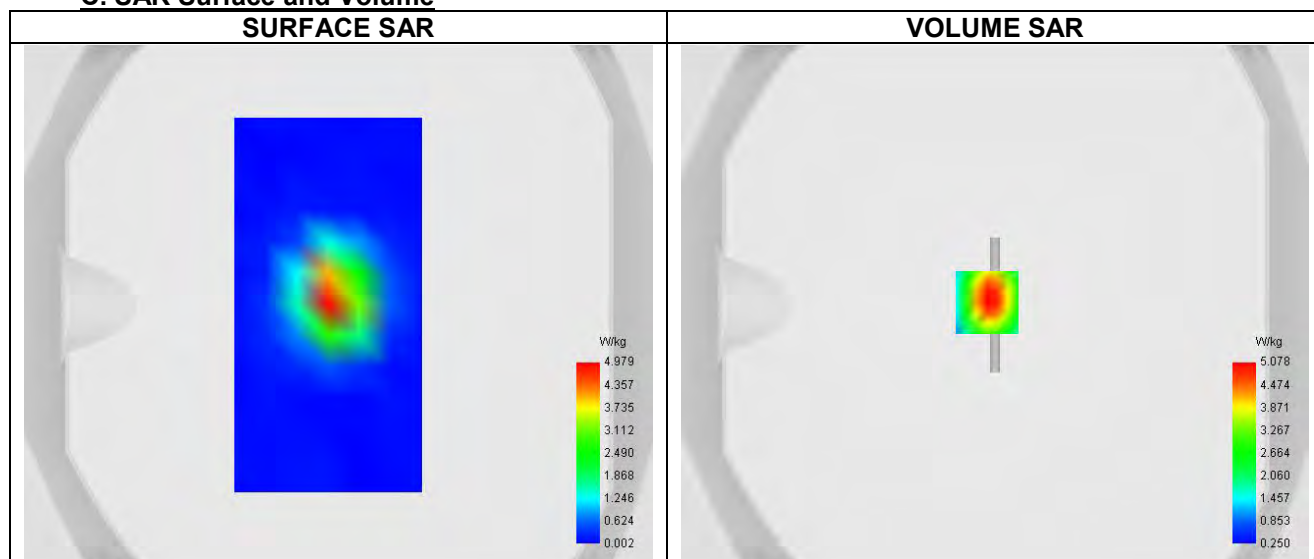
Date of measurement: 21/2/2025

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. Permittivity

Frequency (MHz)	2450.000
Relative permittivity (real part)	37.763
Relative permittivity (imaginary part)	14.330
Conductivity (S/m)	1.776

C. SAR Surface and Volume


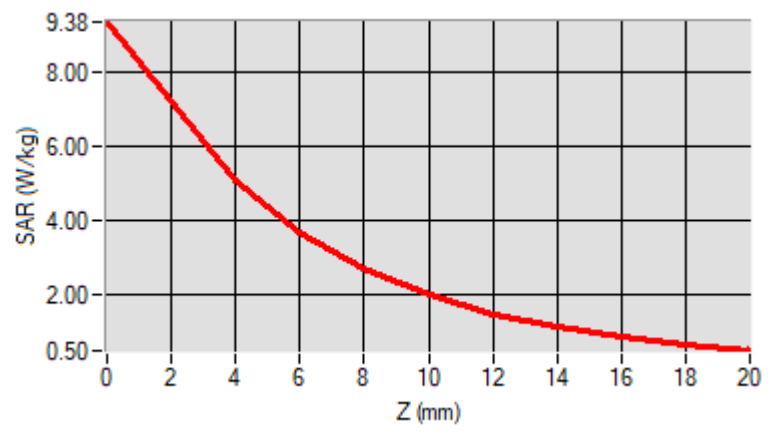
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 9.50 W/kg

D. SAR 1g & 10g

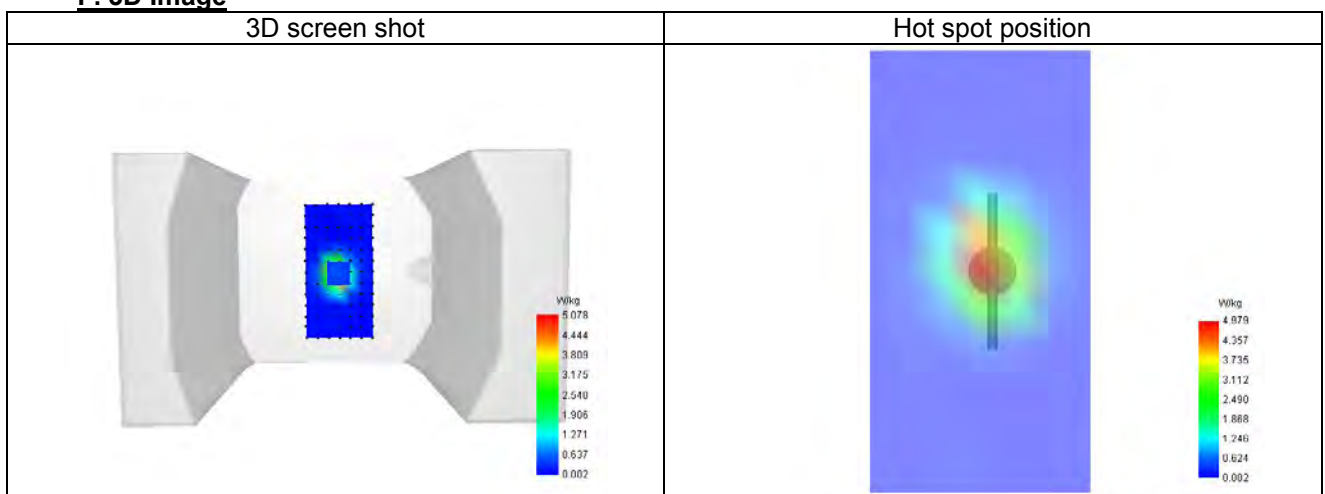
SAR 10g (W/Kg)	6.965
SAR 1g (W/Kg)	14.141
Variation (%)	0.942
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



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System check at 2600 MHz

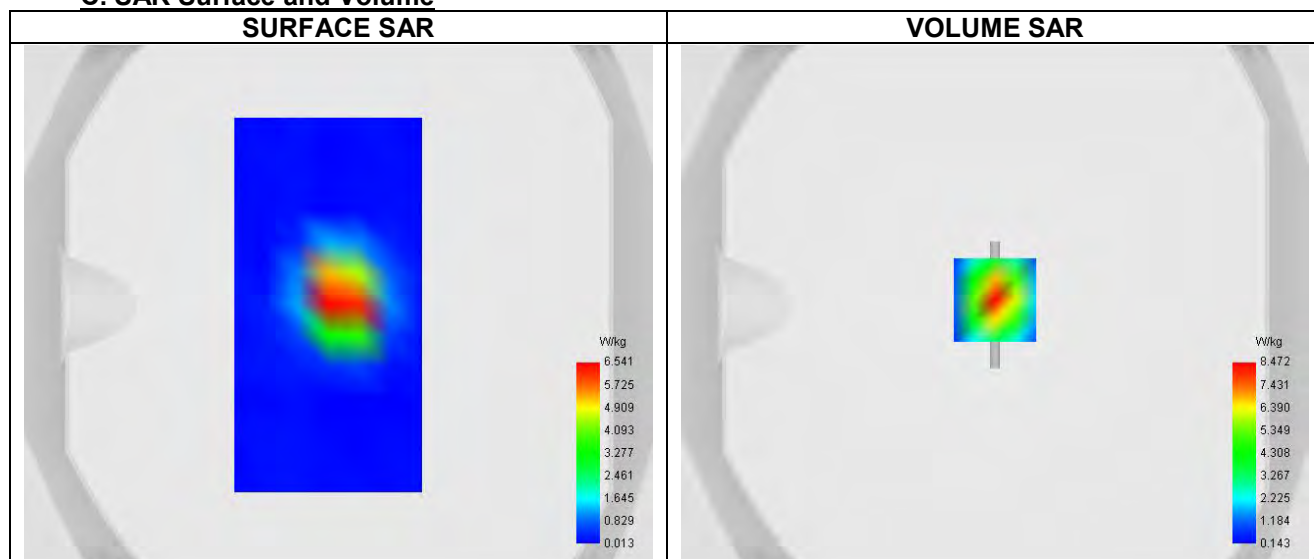
Date of measurement: 24/1/2025

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. Permittivity

Frequency (MHz)	2600.000
Relative permittivity (real part)	40.438
Relative permittivity (imaginary part)	14.889
Conductivity (S/m)	2.012

C. SAR Surface and Volume


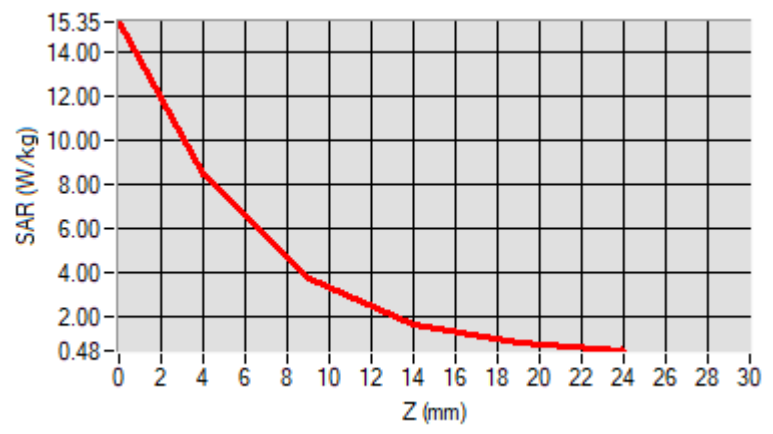
Maximum location: X=0.00, Y=2.00 ; SAR Peak: 15.35 W/kg

D. SAR 1g & 10g

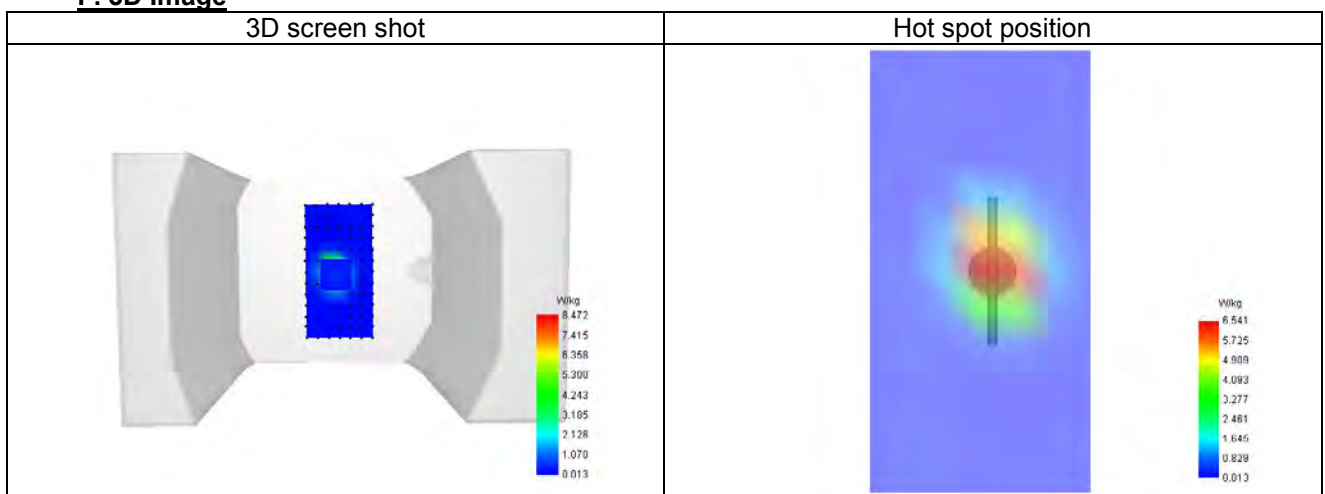
SAR 10g (W/Kg)	6.664
SAR 1g (W/Kg)	14.253
Variation (%)	-2.919
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



System check at 5200 MHz

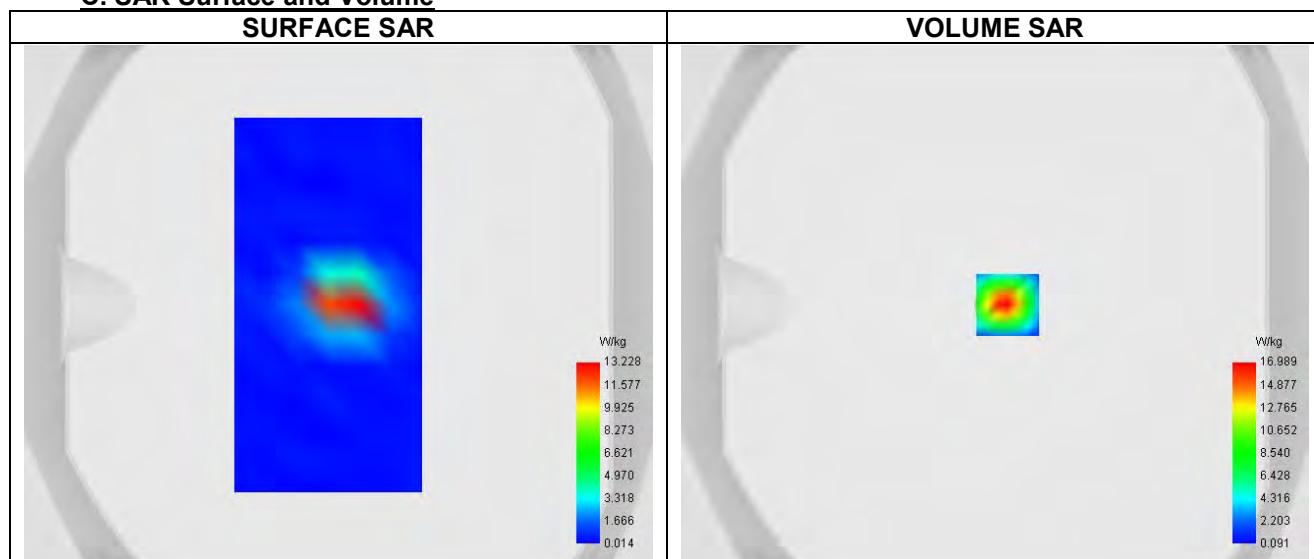
Date of measurement: 21/2/2025

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. Permittivity

Frequency (MHz)	5200.000
Relative permittivity (real part)	34.824
Relative permittivity (imaginary part)	18.140
Conductivity (S/m)	4.570

C. SAR Surface and Volume


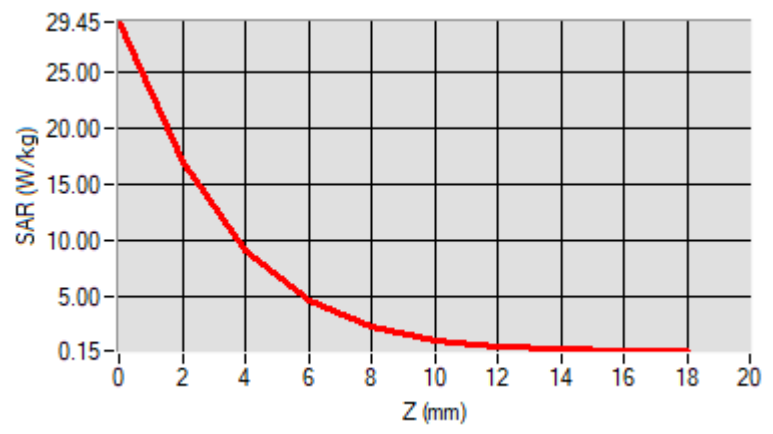
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 30.79 W/kg

D. SAR 1g & 10g

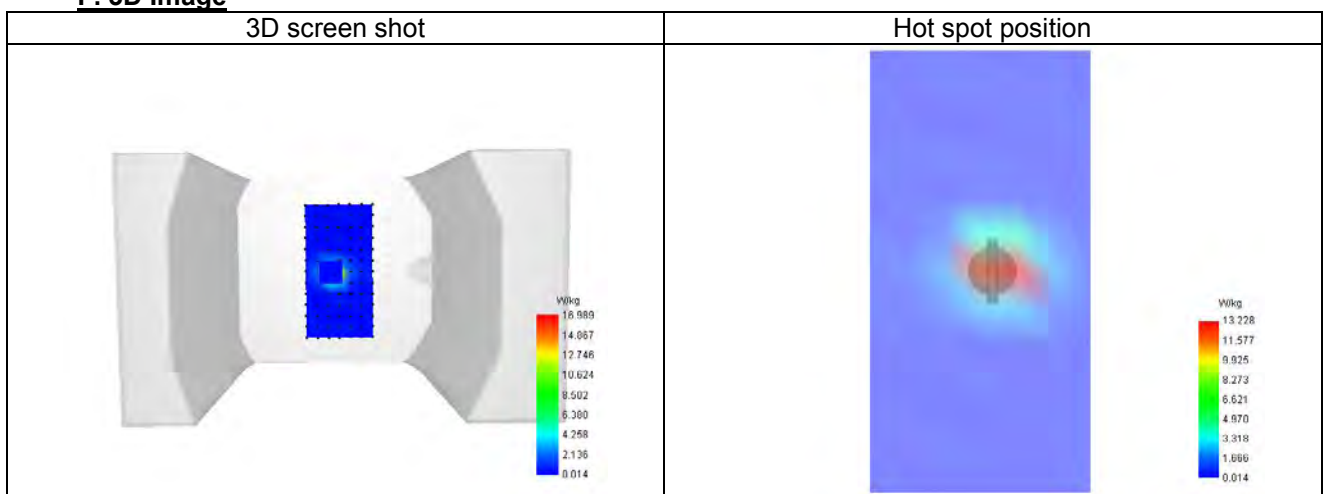
SAR 10g (W/Kg)	8.640
SAR 1g (W/Kg)	18.270
Variation (%)	-0.899
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



System check at 5800 MHz

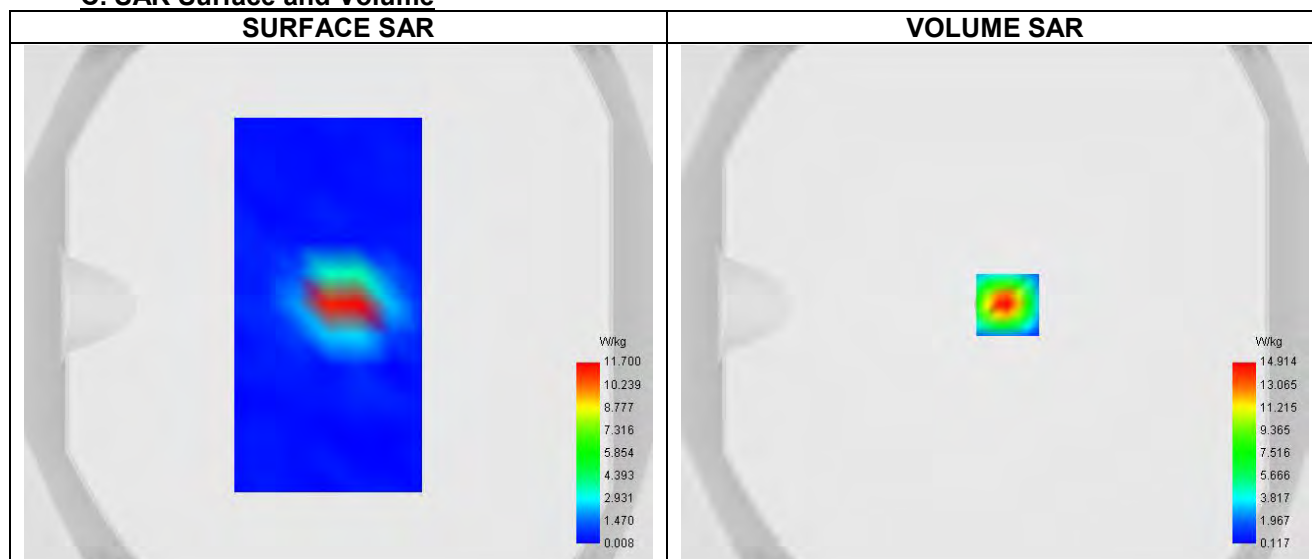
Date of measurement: 21/2/2025

A. Experimental conditions.

Probe	SN 26/23 EPG0420
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. Permittivity

Frequency (MHz)	5800.000
Relative permittivity (real part)	36.423
Relative permittivity (imaginary part)	18.620
Conductivity (S/m)	5.208

C. SAR Surface and Volume


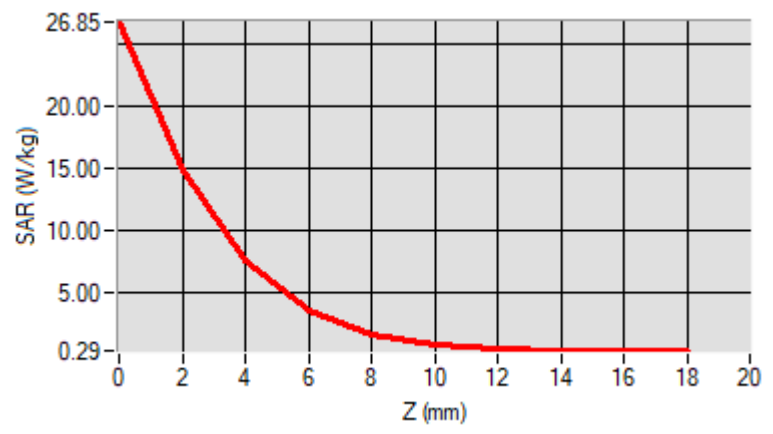
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 28.22 W/kg

D. SAR 1g & 10g

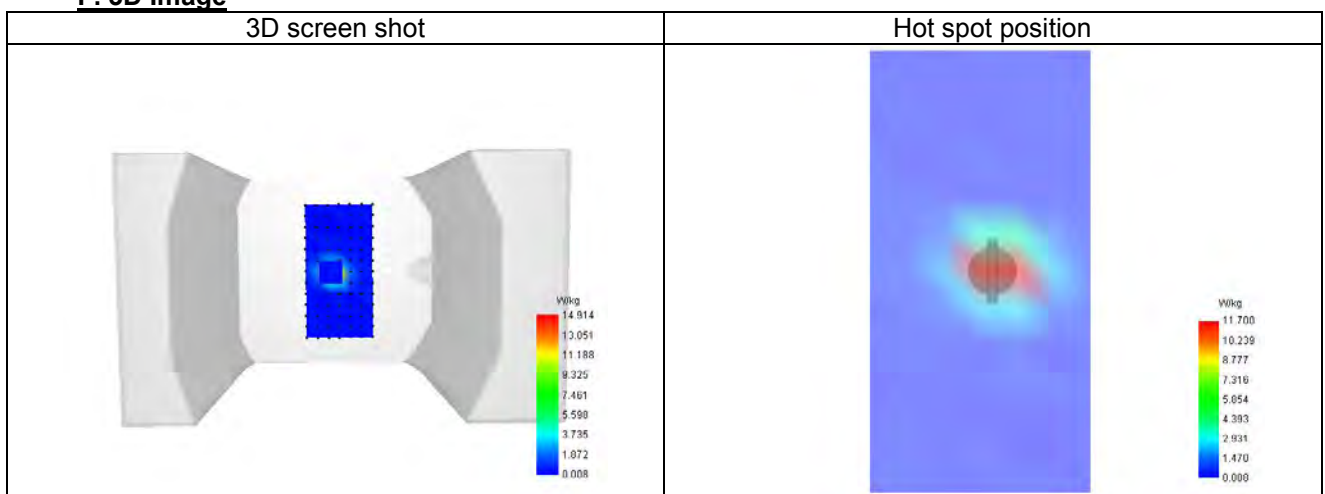
SAR 10g (W/Kg)	8.651
SAR 1g (W/Kg)	20.039
Variation (%)	-2.235
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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



15.2 SAR Test Graph Results

Plot 1

Date of measurement: 21/2/2025

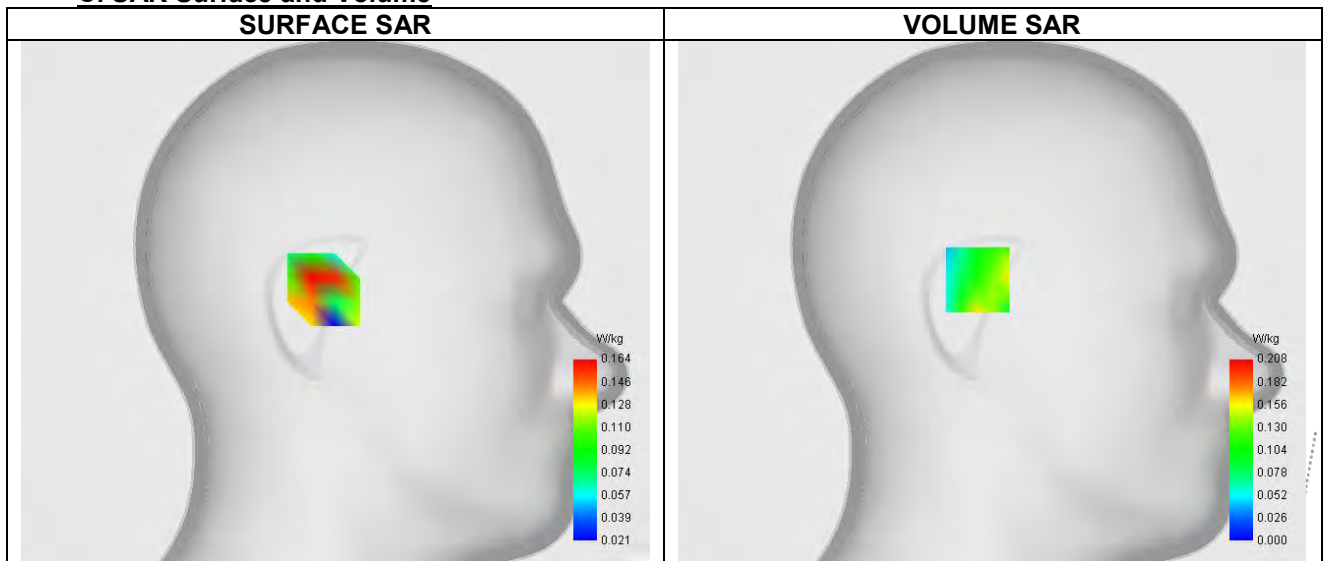
A. Experimental conditions.

Probe	SN 26/23 EPG0420
ConvF	1.11
Area Scan	dx=12mm dy=12mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11 b

B. Permittivity

Frequency (MHz)	2437.000
Relative permittivity (real part)	37.763
Relative permittivity (imaginary part)	13.207
Conductivity (S/m)	1.776

C. SAR Surface and Volume



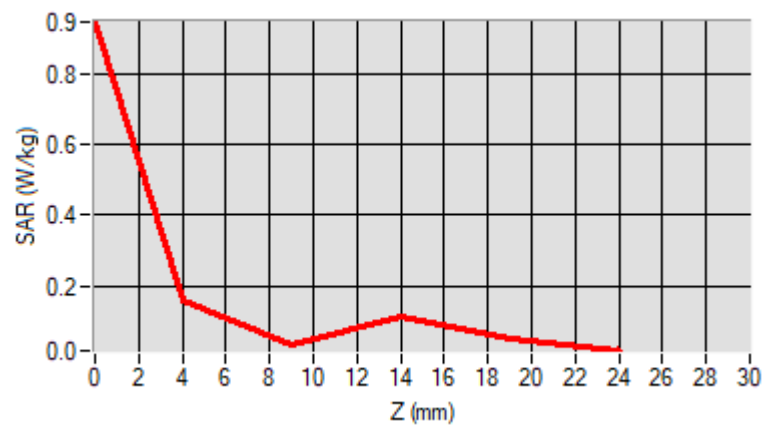
Maximum location: X=7.00, Y=11.00 ; SAR Peak: 0.56 W/kg

D. SAR 1g & 10g

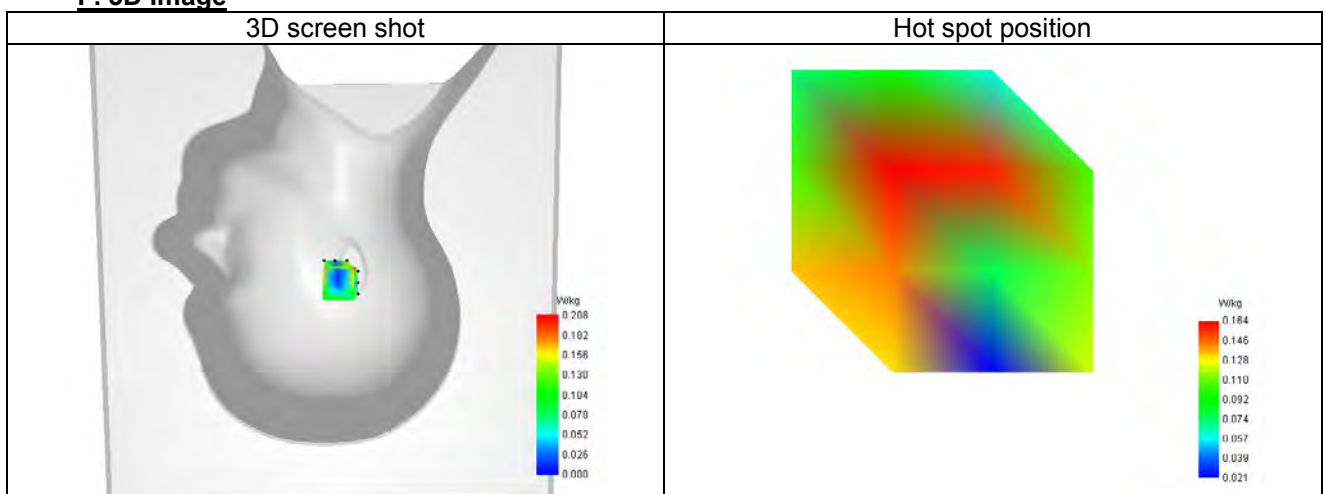
SAR 10g (W/Kg)	0.085
SAR 1g (W/Kg)	0.187
Variation (%)	-1.250
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.947	0.160	0.036	0.113	0.053



F. 3D Image



Plot 2

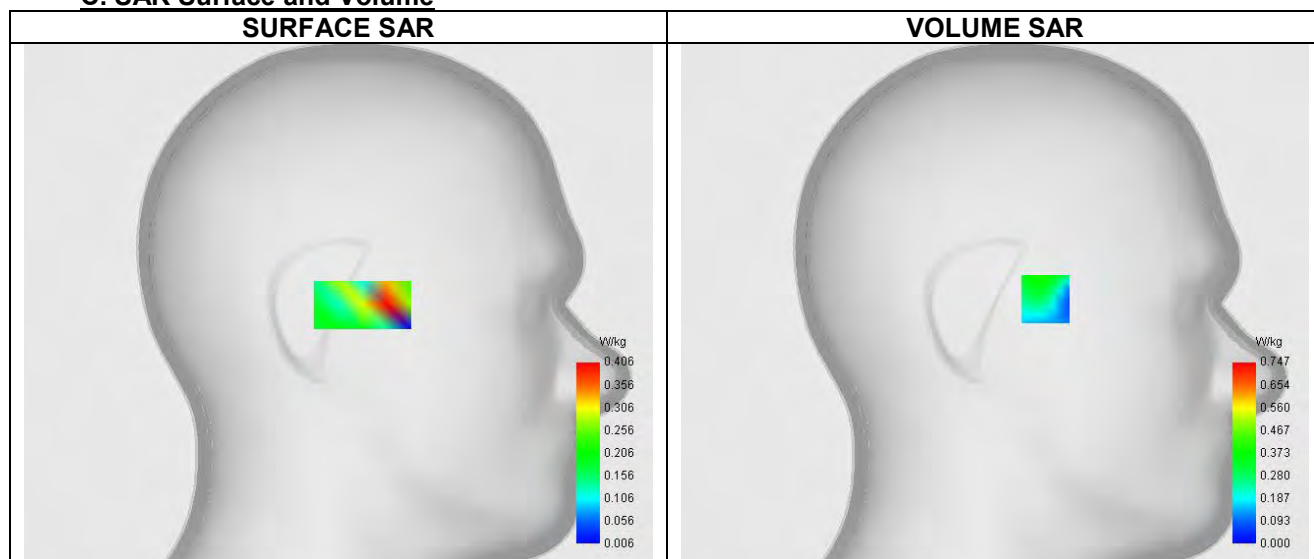
Date of measurement: 21/2/2025

A. Experimental conditions.

Probe	SN 26/23 EPG0420
ConvF	1.18
Area Scan	dx=12mm dy=12mm, Adaptative 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Left head
Device Position	Tilt
Band	5200
Signal	--

B. Permittivity

Frequency (MHz)	5180.000
Relative permittivity (real part)	34.824
Relative permittivity (imaginary part)	16.130
Conductivity (S/m)	4.570

C. SAR Surface and Volume


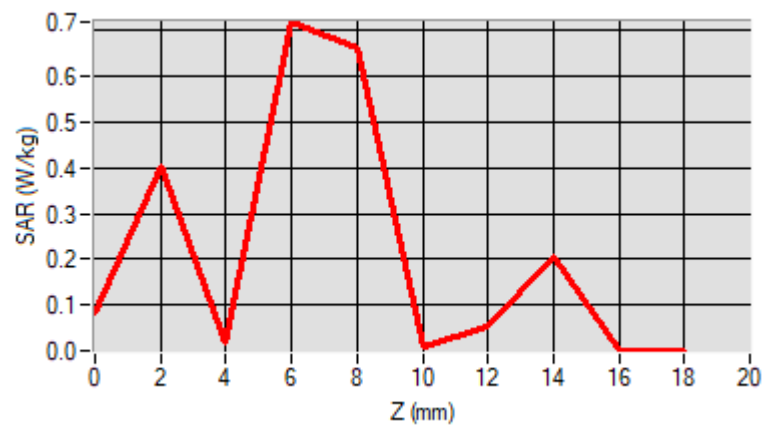
Maximum location: X=-25.00, Y=3.00 ; SAR Peak: 2.35 W/kg

D. SAR 1g & 10g

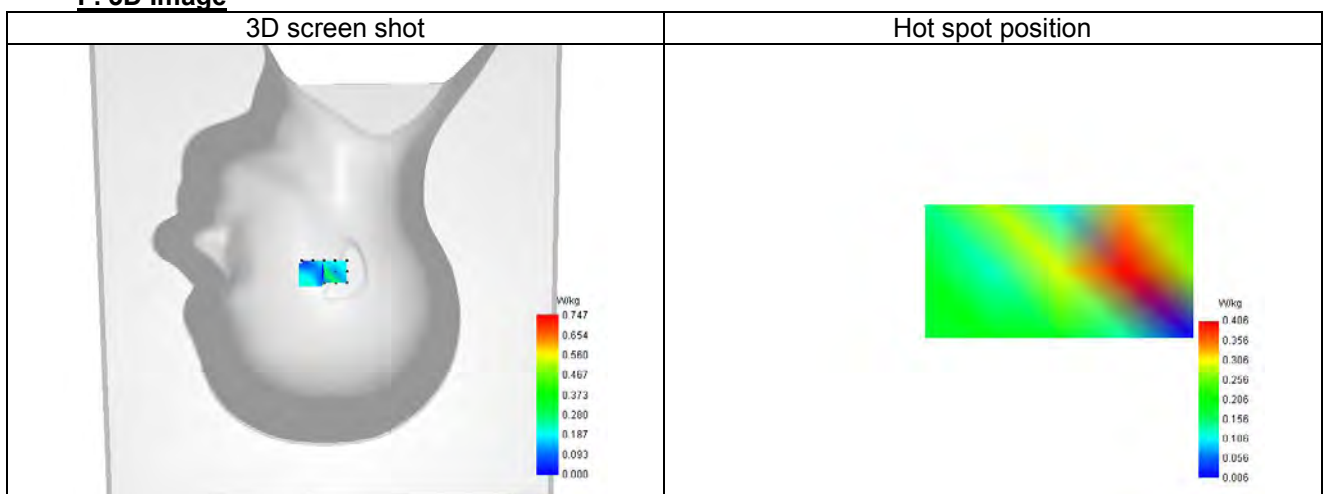
SAR 10g (W/Kg)	0.289
SAR 1g (W/Kg)	0.614
Variation (%)	-1.170
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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)	0.085	0.402	0.019	0.720	0.663	0.009	0.051	0.204	0.000



F. 3D Image



TEST
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Plot 3

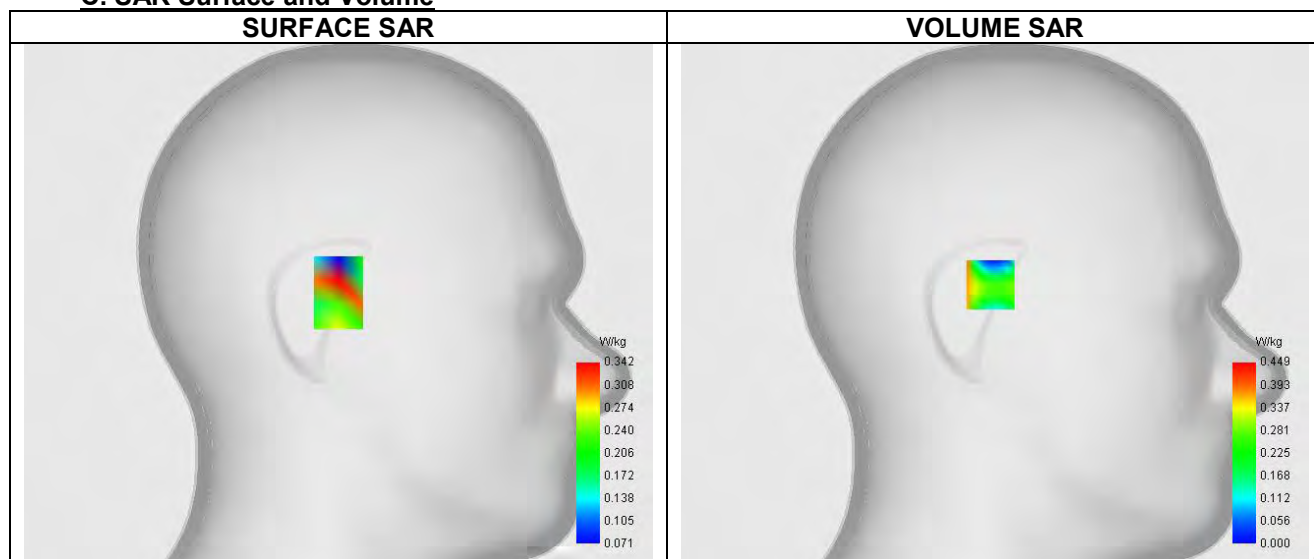
Date of measurement: 21/2/2025

A. Experimental conditions.

Probe	SN 26/23 EPG0420
ConvF	1.15
Area Scan	dx=12mm dy=12mm, Adaptative 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Left head
Device Position	Cheek
Band	5800
Signal	--

B. Permittivity

Frequency (MHz)	5745.000
Relative permittivity (real part)	36.423
Relative permittivity (imaginary part)	16.355
Conductivity (S/m)	5.208

C. SAR Surface and Volume


Maximum location: X=2.00, Y=10.00 ; SAR Peak: 2.07 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.186
SAR 1g (W/Kg)	0.496
Variation (%)	-1.840
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)	0.138	0.379	0.296	0.335	0.276	0.005	0.217	0.230	0.145