Band4	15	20325	1	#Mid	16QAM	22.01	2.1	24.11	PASS
Band4	15	20325	1	#Max	16QAM	22.43	2.1	24.53	PASS
Band4	15	20325	36	#0	16QAM	22.66	2.1	24.76	PASS
Band4	15	20325	36	#Mid	16QAM	22.43	2.1	24.53	PASS
Band4	15	20325	36	#Max	16QAM	23.74	2.1	25.84	PASS
Band4	15	20325	75	#0	16QAM	22.74	2.1	24.84	PASS
Band4	20	20050	1	#0	16QAM	22.04	2.1	24.14	PASS
Band4	20	20050	1	#Mid	16QAM	23.57	2.1	25.67	PASS
Band4	20	20050	1	#Max	16QAM	23.03	2.1	25.13	PASS
Band4	20	20050	50	#0	16QAM	23.06	2.1	25.16	PASS
Band4	20	20050	50	#Mid	16QAM	22.36	2.1	24.46	PASS
Band4	20	20050	50	#Max	16QAM	23.47	2.1	25.57	PASS
Band4	20	20050	100	#0	16QAM	22.07	2.1	24.17	PASS
Band4	20	20175	1	#0	16QAM	22.26	2.1	24.36	PASS
Band4	20	20175	1	#Mid	16QAM	22.36	2.1	24.46	PASS
Band4	20	20175	1	#Max	16QAM	22.47	2.1	24.57	PASS
Band4	20	20175	50	#0	16QAM	23.57	2.1	25.67	PASS
Band4	20	20175	50	#Mid	16QAM	22.91	2.1	25.01	PASS
Band4	20	20175	50	#Max	16QAM	22.79	2.1	24.89	PASS
Band4	20	20175	100	#0	16QAM	22.95	2.1	25.05	PASS
Band4	20	20300	1	#0	16QAM	23.43	2.1	25.53	PASS
Band4	20	20300	1	#Mid	16QAM	22.01	2.1	24.11	PASS
Band4	20	20300	1	#Max	16QAM	23.16	2.1	25.26	PASS
Band4	20	20300	50	#0	16QAM	22.90	2.1	25.00	PASS
Band4	20	20300	50	#Mid	16QAM	23.95	2.1	26.05	PASS
Band4	20	20300	50	#Max	16QAM	22.04	2.1	24.14	PASS
Band4	20	20300	100	#0	16QAM	22.64	2.1	24.74	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.55	-0.7	20.70	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	1.4	20407	1	#Max	QPSK	23.57	-0.7	20.72	PASS
Band5	1.4	20407	3	#0	QPSK	23.60	-0.7	20.75	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	1.4	20407	3	#Max	QPSK	23.58	-0.7	20.73	PASS
Band5	1.4	20407	6	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	1.4	20407	1	#0	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.79	-0.7	19.94	PASS
Band5	1.4	20407	1	#Max	16QAM	22.83	-0.7	19.98	PASS
Band5	1.4	20407	3	#0	16QAM	22.80	-0.7	19.95	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	3	#Max	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	6	#0	16QAM	21.74	-0.7	18.89	PASS
Band5	1.4	20525	1	#0	QPSK	23.67	-0.7	20.82	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.70	-0.7	20.85	PASS
Band5	1.4	20525	1	#Max	QPSK	23.69	-0.7	20.84	PASS
Band5	1.4	20525	3	#0	QPSK	23.58	-0.7	20.73	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.60	-0.7	20.75	PASS
Band5	1.4	20525	3	#Max	QPSK	23.61	-0.7	20.76	PASS
Band5	1.4	20525	6	#0	QPSK	22.62	-0.7	19.77	PASS
Band5	1.4	20525	1	#0	16QAM	22.60	-0.7	19.75	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.63	-0.7	19.78	PASS
Band5	1.4	20525	1	#Max	16QAM	22.66	-0.7	19.81	PASS
Band5	1.4	20525	3	#0	16QAM	22.81	-0.7	19.96	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.87	-0.7	20.02	PASS
Band5	1.4	20525	3	#Max	16QAM	22.83	-0.7	19.98	PASS
Band5	1.4	20525	6	#0	16QAM	21.79	-0.7	18.94	PASS
Band5	1.4	20643	1	#0	QPSK	23.46	-0.7	20.61	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.44	-0.7	20.59	PASS
Band5	1.4	20643	1	#Max	QPSK	23.44	-0.7	20.59	PASS
Band5	1.4	20643	3	#0	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	3	#Max	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	6	#0	QPSK	22.44	-0.7	19.59	PASS
Band5	1.4	20643	1	#0	16QAM	22.53	-0.7	19.68	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.52	-0.7	19.67	PASS
Band5	1.4	20643	1	#Max	16QAM	22.51	-0.7	19.66	PASS
Band5	1.4	20643	3	#0	16QAM	22.57	-0.7	19.72	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.54	-0.7	19.69	PASS
Band5	1.4	20643	3	#Max	16QAM	22.52	-0.7	19.67	PASS
Band5	1.4	20643	6	#0	16QAM	21.58	-0.7	18.73	PASS
Band5	3	20415	1	#0	QPSK	23.54	-0.7	20.69	PASS
Band5	3	20415	1	#Mid	QPSK	23.51	-0.7	20.66	PASS
Band5	3	20415	1	#Max	QPSK	23.54	-0.7	20.69	PASS
Band5	3	20415	8	#0	QPSK	22.55	-0.7	19.70	PASS
Band5	3	20415	8	#Mid	QPSK	22.53	-0.7	19.68	PASS
Band5	3	20415	8	#Max	QPSK	22.57	-0.7	19.72	PASS
Band5	3	20415	15	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	3	20415	1	#0	16QAM	22.99	-0.7	20.14	PASS
Band5	3	20415	1	#Mid	16QAM	22.97	-0.7	20.12	PASS
Band5	3	20415	1	#Max	16QAM	23.04	-0.7	20.19	PASS
Band5	3	20415	8	#0	16QAM	21.57	-0.7	18.72	PASS
Band5	3	20415	8	#Mid	16QAM	21.59	-0.7	18.74	PASS

Band5	3	20415	8	#Max	16QAM	21.59	-0.7	18.74	PASS
Band5	3	20415	15	#0	16QAM	21.54	-0.7	18.69	PASS
Band5	3	20525	1	#0	QPSK	23.56	-0.7	20.71	PASS
Band5	3	20525	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	3	20525	1	#Max	QPSK	23.57	-0.7	20.72	PASS
Band5	3	20525	8	#0	QPSK	22.56	-0.7	19.71	PASS
Band5	3	20525	8	#Mid	QPSK	22.55	-0.7	19.70	PASS
Band5	3	20525	8	#Max	QPSK	22.58	-0.7	19.73	PASS
Band5	3	20525	15	#0	QPSK	22.61	-0.7	19.76	PASS
Band5	3	20525	1	#0	16QAM	22.79	-0.7	19.94	PASS
Band5	3	20525	1	#Mid	16QAM	22.85	-0.7	20.00	PASS
Band5	3	20525	1	#Max	16QAM	22.80	-0.7	19.95	PASS
Band5	3	20525	8	#0	16QAM	21.63	-0.7	18.78	PASS
Band5	3	20525	8	#Mid	16QAM	21.60	-0.7	18.75	PASS
Band5	3	20525	8	#Max	16QAM	21.61	-0.7	18.76	PASS
Band5	3	20525	15	#0	16QAM	21.56	-0.7	18.71	PASS
Band5	3	20635	1	#0	QPSK	23.49	-0.7	20.64	PASS
Band5	3	20635	1	#Mid	QPSK	23.45	-0.7	20.60	PASS
Band5	3	20635	1	#Max	QPSK	23.44	-0.7	20.59	PASS
Band5	3	20635	8	#0	QPSK	22.41	-0.7	19.56	PASS
Band5	3	20635	8	#Mid	QPSK	22.36	-0.7	19.51	PASS
Band5	3	20635	8	#Max	QPSK	22.32	-0.7	19.47	PASS
Band5	3	20635	15	#0	QPSK	22.45	-0.7	19.60	PASS
Band5	3	20635	1	#0	16QAM	22.44	-0.7	19.59	PASS
Band5	3	20635	1	#Mid	16QAM	22.45	-0.7	19.60	PASS
Band5	3	20635	1	#Max	16QAM	22.42	-0.7	19.57	PASS
Band5	3	20635	8	#0	16QAM	21.49	-0.7	18.64	PASS
Band5	3	20635	8	#Mid	16QAM	21.40	-0.7	18.55	PASS
Band5	3	20635	8	#Max	16QAM	21.33	-0.7	18.48	PASS
Band5	3	20635	15	#0	16QAM	21.50	-0.7	18.65	PASS
Band5	5	20425	1	#0	QPSK	23.61	-0.7	20.76	PASS
Band5	5	20425	1	#Mid	QPSK	23.65	-0.7	20.80	PASS
Band5	5	20425	1	#Max	QPSK	23.68	-0.7	20.83	PASS
Band5	5	20425	12	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	5	20425	12	#Mid	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20425	12	#Max	QPSK	22.62	-0.7	19.77	PASS
Band5	5	20425	25	#0	QPSK	22.66	-0.7	19.81	PASS
Band5	5	20425	1	#0	16QAM	23.15	-0.7	20.30	PASS
Band5	5	20425	1	#Mid	16QAM	23.20	-0.7	20.35	PASS
Band5	5	20425	1	#Max	16QAM	23.23	-0.7	20.38	PASS
Band5	5	20425	12	#0	16QAM	21.62	-0.7	18.77	PASS
Band5	5	20425	12	#Mid	16QAM	21.64	-0.7	18.79	PASS
Band5	5	20425	12	#Max	16QAM	21.68	-0.7	18.83	PASS
Band5	5	20425	25	#0	16QAM	21.59	-0.7	18.74	PASS
Band5	5	20525	1	#0	QPSK	23.65	-0.7	20.80	PASS
Band5	5	20525	1	#Mid	QPSK	23.71	-0.7	20.86	PASS
Band5	5	20525	1	#Max	QPSK	23.71	-0.7	20.86	PASS
Band5	5	20525	12	#0	QPSK	22.64	-0.7	19.79	PASS
Band5	5	20525	12	#Mid	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20525	12	#Max	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20525	25	#0	QPSK	22.66	-0.7	19.81	PASS
Band5	5	20525	1	#0	16QAM	22.93	-0.7	20.08	PASS
Band5	5	20525	1	#Mid	16QAM	22.98	-0.7	20.13	PASS
Band5	5	20525	1	#Max	16QAM	23.00	-0.7	20.15	PASS
Band5	5	20525	12	#0	16QAM	21.62	-0.7	18.77	PASS
Band5	5	20525	12	#Mid	16QAM	21.58	-0.7	18.73	PASS
Band5	5	20525	12	#Max	16QAM	21.59	-0.7	18.74	PASS

Band5	5	20525	25	#0	16QAM	21.67	-0.7	18.82	PASS
Band5	5	20625	1	#0	QPSK	23.52	-0.7	20.67	PASS
Band5	5	20625	1	#Mid	QPSK	23.49	-0.7	20.64	PASS
Band5	5	20625	1	#Max	QPSK	23.40	-0.7	20.55	PASS
Band5	5	20625	12	#0	QPSK	22.52	-0.7	19.67	PASS
Band5	5	20625	12	#Mid	QPSK	22.49	-0.7	19.64	PASS
Band5	5	20625	12	#Max	QPSK	22.42	-0.7	19.57	PASS
Band5	5	20625	25	#0	QPSK	22.51	-0.7	19.66	PASS
Band5	5	20625	1	#0	16QAM	22.92	-0.7	20.07	PASS
Band5	5	20625	1	#Mid	16QAM	22.99	-0.7	20.14	PASS
Band5	5	20625	1	#Max	16QAM	22.91	-0.7	20.06	PASS
Band5	5	20625	12	#0	16QAM	21.53	-0.7	18.68	PASS
Band5	5	20625	12	#Mid	16QAM	21.49	-0.7	18.64	PASS
Band5	5	20625	12	#Max	16QAM	21.41	-0.7	18.56	PASS
Band5	5	20625	25	#0	16QAM	21.50	-0.7	18.65	PASS
Band5	10	20450	1	#0	QPSK	23.58	-0.7	20.73	PASS
Band5	10	20450	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	10	20450	1	#Max	QPSK	23.64	-0.7	20.79	PASS
Band5	10	20450	25	#0	QPSK	22.60	-0.7	19.75	PASS
Band5	10	20450	25	#Mid	QPSK	22.66	-0.7	19.81	PASS
Band5	10	20450	25	#Max	QPSK	22.64	-0.7	19.79	PASS
Band5	10	20450	50	#0	QPSK	22.60	-0.7	19.75	PASS
Band5	10	20450	1	#0	16QAM	23.02	-0.7	20.17	PASS
Band5	10	20450	1	#Mid	16QAM	23.05	-0.7	20.20	PASS
Band5	10	20450	1	#Max	16QAM	23.07	-0.7	20.22	PASS
Band5	10	20450	25	#0	16QAM	21.61	-0.7	18.76	PASS
Band5	10	20450	25	#Mid	16QAM	21.65	-0.7	18.80	PASS
Band5	10	20450	25	#Max	16QAM	21.64	-0.7	18.79	PASS
Band5	10	20450	50	#0	16QAM	21.57	-0.7	18.72	PASS
Band5	10	20525	1	#0	QPSK	23.66	-0.7	20.81	PASS
Band5	10	20525	1	#Mid	QPSK	23.64	-0.7	20.79	PASS
Band5	10	20525	1	#Max	QPSK	23.63	-0.7	20.78	PASS
Band5	10	20525	25	#0	QPSK	22.67	-0.7	19.82	PASS
Band5	10	20525	25	#Mid	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	25	#Max	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	50	#0	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	1	#0	16QAM	22.83	-0.7	19.98	PASS
Band5	10	20525	1	#Mid	16QAM	22.85	-0.7	20.00	PASS
Band5	10	20525	1	#Max	16QAM	22.81	-0.7	19.96	PASS
Band5	10	20525	25	#0	16QAM	21.64	-0.7	18.79	PASS
Band5	10	20525	25	#Mid	16QAM	21.61	-0.7	18.76	PASS
Band5	10	20525	25	#Max	16QAM	21.60	-0.7	18.75	PASS
Band5	10	20525	50	#0	16QAM	21.69	-0.7	18.84	PASS
Band5	10	20600	1	#0	QPSK	23.70	-0.7	20.85	PASS
Band5	10	20600	1	#Mid	QPSK	23.60	-0.7	20.75	PASS
Band5	10	20600	1	#Max	QPSK	23.51	-0.7	20.66	PASS
Band5	10	20600	25	#0	QPSK	22.56	-0.7	19.71	PASS
Band5	10	20600	25	#Mid	QPSK	22.53	-0.7	19.68	PASS
Band5	10	20600	25	#Max	QPSK	22.40	-0.7	19.55	PASS
Band5	10	20600	50	#0	QPSK	22.50	-0.7	19.65	PASS
Band5	10	20600	1	#0	16QAM	22.61	-0.7	19.76	PASS
Band5	10	20600	1	#Mid	16QAM	22.44	-0.7	19.59	PASS
Band5	10	20600	1	#Max	16QAM	22.50	-0.7	19.65	PASS
Band5	10	20600	25	#0	16QAM	21.55	-0.7	18.70	PASS
Band5	10	20600	25	#Mid	16QAM	21.48	-0.7	18.63	PASS
Band5	10	20600	25	#Max	16QAM	21.39	-0.7	18.54	PASS
Band5	10	20600	50	#0	16QAM	21.48	-0.7	18.63	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	20.90	1.2	22.10	PASS
Band7	5	20775	1	#Mid	QPSK	20.80	1.2	22.00	PASS
Band7	5	20775	1	#Max	QPSK	20.75	1.2	21.95	PASS
Band7	5	20775	12	#0	QPSK	19.74	1.2	20.94	PASS
Band7	5	20775	12	#Mid	QPSK	19.68	1.2	20.88	PASS
Band7	5	20775	12	#Max	QPSK	19.66	1.2	20.86	PASS
Band7	5	20775	25	#0	QPSK	19.79	1.2	20.99	PASS
Band7	5	20775	1	#0	16QAM	19.98	1.2	21.18	PASS
Band7	5	20775	1	#Mid	16QAM	19.94	1.2	21.14	PASS
Band7	5	20775	1	#Max	16QAM	19.95	1.2	21.15	PASS
Band7	5	20775	12	#0	16QAM	18.76	1.2	19.96	PASS
Band7	5	20775	12	#Mid	16QAM	18.70	1.2	19.90	PASS
Band7	5	20775	12	#Max	16QAM	18.68	1.2	19.88	PASS
Band7	5	20775	25	#0	16QAM	18.77	1.2	19.97	PASS
Band7	5	21100	1	#0	QPSK	19.71	1.2	20.91	PASS
Band7	5	21100	1	#Mid	QPSK	19.67	1.2	20.87	PASS
Band7	5	21100	1	#Max	QPSK	19.53	1.2	20.73	PASS
Band7	5	21100	12	#0	QPSK	18.66	1.2	19.86	PASS
Band7	5	21100	12	#Mid	QPSK	18.61	1.2	19.81	PASS
Band7	5	21100	12	#Max	QPSK	18.58	1.2	19.78	PASS
Band7	5	21100	25	#0	QPSK	18.67	1.2	19.87	PASS
Band7	5	21100	1	#0	16QAM	19.09	1.2	20.29	PASS
Band7	5	21100	1	#Mid	16QAM	19.12	1.2	20.32	PASS
Band7	5	21100	1	#Max	16QAM	18.98	1.2	20.18	PASS
Band7	5	21100	12	#0	16QAM	17.72	1.2	18.92	PASS
Band7	5	21100	12	#Mid	16QAM	17.70	1.2	18.90	PASS
Band7	5	21100	12	#Max	16QAM	17.66	1.2	18.86	PASS
Band7	5	21100	25	#0	16QAM	17.62	1.2	18.82	PASS
Band7	5	21425	1	#0	QPSK	19.33	1.2	20.53	PASS
Band7	5	21425	1	#Mid	QPSK	19.46	1.2	20.66	PASS
Band7	5	21425	1	#Max	QPSK	19.49	1.2	20.69	PASS
Band7	5	21425	12	#0	QPSK	18.34	1.2	19.54	PASS
Band7	5	21425	12	#Mid	QPSK	18.36	1.2	19.56	PASS
Band7	5	21425	12	#Max	QPSK	18.39	1.2	19.59	PASS
Band7	5	21425	25	#0	QPSK	18.43	1.2	19.63	PASS
Band7	5	21425	1	#0	16QAM	18.77	1.2	19.97	PASS
Band7	5	21425	1	#Mid	16QAM	18.80	1.2	20.00	PASS
Band7	5	21425	1	#Max	16QAM	18.83	1.2	20.03	PASS
Band7	5	21425	12	#0	16QAM	17.39	1.2	18.59	PASS
Band7	5	21425	12	#Mid	16QAM	17.39	1.2	18.59	PASS
Band7	5	21425	12	#Max	16QAM	17.43	1.2	18.63	PASS
Band7	5	21425	25	#0	16QAM	17.36	1.2	18.56	PASS
Band7	10	20800	1	#0	QPSK	20.92	1.2	22.12	PASS
Band7	10	20800	1	#Mid	QPSK	20.65	1.2	21.85	PASS
Band7	10	20800	1	#Max	QPSK	20.55	1.2	21.75	PASS
Band7	10	20800	25	#0	QPSK	19.71	1.2	20.91	PASS
Band7	10	20800	25	#Mid	QPSK	19.69	1.2	20.89	PASS
Band7	10	20800	25	#Max	QPSK	19.59	1.2	20.79	PASS
Band7	10	20800	50	#0	QPSK	19.66	1.2	20.86	PASS
Band7	10	20800	1	#0	16QAM	20.07	1.2	21.27	PASS
Band7	10	20800	1	#Mid	16QAM	19.94	1.2	21.14	PASS
Band7	10	20800	1	#Max	16QAM	19.89	1.2	21.09	PASS
Band7	10	20800	25	#0	16QAM	18.74	1.2	19.94	PASS
Band7	10	20800	25	#Mid	16QAM	18.70	1.2	19.90	PASS

Band7	10	20800	25	#Max	16QAM	18.58	1.2	19.78	PASS
Band7	10	20800	50	#0	16QAM	18.63	1.2	19.83	PASS
Band7	10	21100	1	#0	QPSK	19.80	1.2	21.00	PASS
Band7	10	21100	1	#Mid	QPSK	19.55	1.2	20.75	PASS
Band7	10	21100	1	#Max	QPSK	19.48	1.2	20.68	PASS
Band7	10	21100	25	#0	QPSK	18.68	1.2	19.88	PASS
Band7	10	21100	25	#Mid	QPSK	18.61	1.2	19.81	PASS
Band7	10	21100	25	#Max	QPSK	18.55	1.2	19.75	PASS
Band7	10	21100	50	#0	QPSK	18.67	1.2	19.87	PASS
Band7	10	21100	1	#0	16QAM	18.97	1.2	20.17	PASS
Band7	10	21100	1	#Mid	16QAM	18.77	1.2	19.97	PASS
Band7	10	21100	1	#Max	16QAM	18.71	1.2	19.91	PASS
Band7	10	21100	25	#0	16QAM	17.67	1.2	18.87	PASS
Band7	10	21100	25	#Mid	16QAM	17.61	1.2	18.81	PASS
Band7	10	21100	25	#Max	16QAM	17.58	1.2	18.78	PASS
Band7	10	21100	50	#0	16QAM	17.64	1.2	18.84	PASS
Band7	10	21400	1	#0	QPSK	19.36	1.2	20.56	PASS
Band7	10	21400	1	#Mid	QPSK	19.32	1.2	20.52	PASS
Band7	10	21400	1	#Max	QPSK	19.43	1.2	20.63	PASS
Band7	10	21400	25	#0	QPSK	18.34	1.2	19.54	PASS
Band7	10	21400	25	#Mid	QPSK	18.33	1.2	19.53	PASS
Band7	10	21400	25	#Max	QPSK	18.40	1.2	19.60	PASS
Band7	10	21400	50	#0	QPSK	18.34	1.2	19.54	PASS
Band7	10	21400	1	#0	16QAM	18.36	1.2	19.56	PASS
Band7	10	21400	1	#Mid	16QAM	18.33	1.2	19.53	PASS
Band7	10	21400	1	#Max	16QAM	18.48	1.2	19.68	PASS
Band7	10	21400	25	#0	16QAM	17.33	1.2	18.53	PASS
Band7	10	21400	25	#Mid	16QAM	17.32	1.2	18.52	PASS
Band7	10	21400	25	#Max	16QAM	17.39	1.2	18.59	PASS
Band7	10	21400	50	#0	16QAM	17.33	1.2	18.53	PASS
Band7	15	20825	1	#0	QPSK	20.70	1.2	21.90	PASS
Band7	15	20825	1	#Mid	QPSK	20.52	1.2	21.72	PASS
Band7	15	20825	1	#Max	QPSK	20.26	1.2	21.46	PASS
Band7	15	20825	36	#0	QPSK	19.68	1.2	20.88	PASS
Band7	15	20825	36	#Mid	QPSK	19.56	1.2	20.76	PASS
Band7	15	20825	36	#Max	QPSK	19.45	1.2	20.65	PASS
Band7	15	20825	75	#0	QPSK	19.55	1.2	20.75	PASS
Band7	15	20825	1	#0	16QAM	19.90	1.2	21.10	PASS
Band7	15	20825	1	#Mid	16QAM	19.77	1.2	20.97	PASS
Band7	15	20825	1	#Max	16QAM	19.46	1.2	20.66	PASS
Band7	15	20825	36	#0	16QAM	18.76	1.2	19.96	PASS
Band7	15	20825	36	#Mid	16QAM	18.65	1.2	19.85	PASS
Band7	15	20825	36	#Max	16QAM	18.52	1.2	19.72	PASS
Band7	15	20825	75	#0	16QAM	18.59	1.2	19.79	PASS
Band7	15	21100	1	#0	QPSK	19.94	1.2	21.14	PASS
Band7	15	21100	1	#Mid	QPSK	19.71	1.2	20.91	PASS
Band7	15	21100	1	#Max	QPSK	19.52	1.2	20.72	PASS
Band7	15	21100	36	#0	QPSK	18.70	1.2	19.90	PASS
Band7	15	21100	36	#Mid	QPSK	18.62	1.2	19.82	PASS
Band7	15	21100	36	#Max	QPSK	18.50	1.2	19.70	PASS
Band7	15	21100	75	#0	QPSK	18.63	1.2	19.83	PASS
Band7	15	21100	1	#0	16QAM	18.93	1.2	20.13	PASS
Band7	15	21100	1	#Mid	16QAM	18.76	1.2	19.96	PASS
Band7	15	21100	1	#Max	16QAM	18.49	1.2	19.69	PASS
Band7	15	21100	36	#0	16QAM	17.70	1.2	18.90	PASS
Band7	15	21100	36	#Mid	16QAM	17.63	1.2	18.83	PASS
Band7	15	21100	36	#Max	16QAM	17.51	1.2	18.71	PASS

Band7	15	21100	75	#0	16QAM	17.70	1.2	18.90	PASS
Band7	15	21375	1	#0	QPSK	19.31	1.2	20.51	PASS
Band7	15	21375	1	#Mid	QPSK	19.44	1.2	20.64	PASS
Band7	15	21375	1	#Max	QPSK	19.55	1.2	20.75	PASS
Band7	15	21375	36	#0	QPSK	18.33	1.2	19.53	PASS
Band7	15	21375	36	#Mid	QPSK	18.32	1.2	19.52	PASS
Band7	15	21375	36	#Max	QPSK	18.35	1.2	19.55	PASS
Band7	15	21375	75	#0	QPSK	18.35	1.2	19.55	PASS
Band7	15	21375	1	#0	16QAM	18.59	1.2	19.79	PASS
Band7	15	21375	1	#Mid	16QAM	18.67	1.2	19.87	PASS
Band7	15	21375	1	#Max	16QAM	18.65	1.2	19.85	PASS
Band7	15	21375	36	#0	16QAM	17.40	1.2	18.60	PASS
Band7	15	21375	36	#Mid	16QAM	17.40	1.2	18.60	PASS
Band7	15	21375	36	#Max	16QAM	17.41	1.2	18.61	PASS
Band7	15	21375	75	#0	16QAM	17.37	1.2	18.57	PASS
Band7	20	20850	1	#0	QPSK	20.80	1.2	22.00	PASS
Band7	20	20850	1	#Mid	QPSK	20.57	1.2	21.77	PASS
Band7	20	20850	1	#Max	QPSK	20.24	1.2	21.44	PASS
Band7	20	20850	50	#0	QPSK	19.68	1.2	20.88	PASS
Band7	20	20850	50	#Mid	QPSK	19.52	1.2	20.72	PASS
Band7	20	20850	50	#Max	QPSK	19.31	1.2	20.51	PASS
Band7	20	20850	100	#0	QPSK	19.53	1.2	20.73	PASS
Band7	20	20850	1	#0	16QAM	19.94	1.2	21.14	PASS
Band7	20	20850	1	#Mid	16QAM	19.78	1.2	20.98	PASS
Band7	20	20850	1	#Max	16QAM	19.43	1.2	20.63	PASS
Band7	20	20850	50	#0	16QAM	18.69	1.2	19.89	PASS
Band7	20	20850	50	#Mid	16QAM	18.53	1.2	19.73	PASS
Band7	20	20850	50	#Max	16QAM	18.33	1.2	19.53	PASS
Band7	20	20850	100	#0	16QAM	18.49	1.2	19.69	PASS
Band7	20	21100	1	#0	QPSK	19.86	1.2	21.06	PASS
Band7	20	21100	1	#Mid	QPSK	19.61	1.2	20.81	PASS
Band7	20	21100	1	#Max	QPSK	19.36	1.2	20.56	PASS
Band7	20	21100	50	#0	QPSK	18.80	1.2	20.00	PASS
Band7	20	21100	50	#Mid	QPSK	18.71	1.2	19.91	PASS
Band7	20	21100	50	#Max	QPSK	18.59	1.2	19.79	PASS
Band7	20	21100	100	#0	QPSK	18.68	1.2	19.88	PASS
Band7	20	21100	1	#0	16QAM	19.19	1.2	20.39	PASS
Band7	20	21100	1	#Mid	16QAM	18.97	1.2	20.17	PASS
Band7	20	21100	1	#Max	16QAM	18.69	1.2	19.89	PASS
Band7	20	21100	50	#0	16QAM	17.84	1.2	19.04	PASS
Band7	20	21100	50	#Mid	16QAM	17.74	1.2	18.94	PASS
Band7	20	21100	50	#Max	16QAM	17.62	1.2	18.82	PASS
Band7	20	21100	100	#0	16QAM	17.70	1.2	18.90	PASS
Band7	20	21350	1	#0	QPSK	19.30	1.2	20.50	PASS
Band7	20	21350	1	#Mid	QPSK	19.41	1.2	20.61	PASS
Band7	20	21350	1	#Max	QPSK	19.47	1.2	20.67	PASS
Band7	20	21350	50	#0	QPSK	18.43	1.2	19.63	PASS
Band7	20	21350	50	#Mid	QPSK	18.42	1.2	19.62	PASS
Band7	20	21350	50	#Max	QPSK	18.42	1.2	19.62	PASS
Band7	20	21350	100	#0	QPSK	18.44	1.2	19.64	PASS
Band7	20	21350	1	#0	16QAM	18.56	1.2	19.76	PASS
Band7	20	21350	1	#Mid	16QAM	18.70	1.2	19.90	PASS
Band7	20	21350	1	#Max	16QAM	18.59	1.2	19.79	PASS
Band7	20	21350	50	#0	16QAM	17.47	1.2	18.67	PASS
Band7	20	21350	50	#Mid	16QAM	17.47	1.2	18.67	PASS
Band7	20	21350	50	#Max	16QAM	17.47	1.2	18.67	PASS
Band7	20	21350	100	#0	16QAM	17.40	1.2	18.60	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.49	-1.8	19.54	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.51	-1.8	19.56	PASS
Band12	1.4	23017	1	#Max	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#0	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.50	-1.8	19.55	PASS
Band12	1.4	23017	3	#Max	QPSK	23.49	-1.8	19.54	PASS
Band12	1.4	23017	6	#0	QPSK	22.52	-1.8	18.57	PASS
Band12	1.4	23017	1	#0	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23017	1	#Max	16QAM	22.75	-1.8	18.80	PASS
Band12	1.4	23017	3	#0	16QAM	22.69	-1.8	18.74	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.74	-1.8	18.79	PASS
Band12	1.4	23017	3	#Max	16QAM	22.72	-1.8	18.77	PASS
Band12	1.4	23017	6	#0	16QAM	21.67	-1.8	17.72	PASS
Band12	1.4	23095	1	#0	QPSK	23.65	-1.8	19.70	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.64	-1.8	19.69	PASS
Band12	1.4	23095	1	#Max	QPSK	23.62	-1.8	19.67	PASS
Band12	1.4	23095	3	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.56	-1.8	19.61	PASS
Band12	1.4	23095	3	#Max	QPSK	23.53	-1.8	19.58	PASS
Band12	1.4	23095	6	#0	QPSK	22.55	-1.8	18.60	PASS
Band12	1.4	23095	1	#0	16QAM	22.50	-1.8	18.55	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.47	-1.8	18.52	PASS
Band12	1.4	23095	1	#Max	16QAM	22.52	-1.8	18.57	PASS
Band12	1.4	23095	3	#0	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.71	-1.8	18.76	PASS
Band12	1.4	23095	3	#Max	16QAM	22.72	-1.8	18.77	PASS
Band12	1.4	23095	6	#0	16QAM	21.72	-1.8	17.77	PASS
Band12	1.4	23173	1	#0	QPSK	23.54	-1.8	19.59	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.54	-1.8	19.59	PASS
Band12	1.4	23173	1	#Max	QPSK	23.52	-1.8	19.57	PASS
Band12	1.4	23173	3	#0	QPSK	23.47	-1.8	19.52	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.48	-1.8	19.53	PASS
Band12	1.4	23173	3	#Max	QPSK	23.47	-1.8	19.52	PASS
Band12	1.4	23173	6	#0	QPSK	22.47	-1.8	18.52	PASS
Band12	1.4	23173	1	#0	16QAM	22.64	-1.8	18.69	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.62	-1.8	18.67	PASS
Band12	1.4	23173	1	#Max	16QAM	22.63	-1.8	18.68	PASS
Band12	1.4	23173	3	#0	16QAM	22.63	-1.8	18.68	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.62	-1.8	18.67	PASS
Band12	1.4	23173	3	#Max	16QAM	22.60	-1.8	18.65	PASS
Band12	1.4	23173	6	#0	16QAM	21.66	-1.8	17.71	PASS
Band12	3	23025	1	#0	QPSK	23.50	-1.8	19.55	PASS
Band12	3	23025	1	#Mid	QPSK	23.56	-1.8	19.61	PASS
Band12	3	23025	1	#Max	QPSK	23.54	-1.8	19.59	PASS
Band12	3	23025	8	#0	QPSK	22.52	-1.8	18.57	PASS
Band12	3	23025	8	#Mid	QPSK	22.53	-1.8	18.58	PASS
Band12	3	23025	8	#Max	QPSK	22.55	-1.8	18.60	PASS
Band12	3	23025	15	#0	QPSK	22.55	-1.8	18.60	PASS
Band12	3	23025	1	#0	16QAM	22.89	-1.8	18.94	PASS
Band12	3	23025	1	#Mid	16QAM	22.95	-1.8	19.00	PASS
Band12	3	23025	1	#Max	16QAM	22.89	-1.8	18.94	PASS
Band12	3	23025	8	#0	16QAM	21.56	-1.8	17.61	PASS
Band12	3	23025	8	#Mid	16QAM	21.57	-1.8	17.62	PASS

Band12	3	23025	8	#Max	16QAM	21.59	-1.8	17.64	PASS
Band12	3	23025	15	#0	16QAM	21.60	-1.8	17.65	PASS
Band12	3	23095	1	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	3	23095	1	#Mid	QPSK	23.53	-1.8	19.58	PASS
Band12	3	23095	1	#Max	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23095	8	#0	QPSK	22.56	-1.8	18.61	PASS
Band12	3	23095	8	#Mid	QPSK	22.56	-1.8	18.61	PASS
Band12	3	23095	8	#Max	QPSK	22.53	-1.8	18.58	PASS
Band12	3	23095	15	#0	QPSK	22.54	-1.8	18.59	PASS
Band12	3	23095	1	#0	16QAM	22.81	-1.8	18.86	PASS
Band12	3	23095	1	#Mid	16QAM	22.81	-1.8	18.86	PASS
Band12	3	23095	1	#Max	16QAM	22.76	-1.8	18.81	PASS
Band12	3	23095	8	#0	16QAM	21.57	-1.8	17.62	PASS
Band12	3	23095	8	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	3	23095	8	#Max	16QAM	21.56	-1.8	17.61	PASS
Band12	3	23095	15	#0	16QAM	21.50	-1.8	17.55	PASS
Band12	3	23165	1	#0	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23165	1	#Mid	QPSK	23.52	-1.8	19.57	PASS
Band12	3	23165	1	#Max	QPSK	23.54	-1.8	19.59	PASS
Band12	3	23165	8	#0	QPSK	22.46	-1.8	18.51	PASS
Band12	3	23165	8	#Mid	QPSK	22.43	-1.8	18.48	PASS
Band12	3	23165	8	#Max	QPSK	22.46	-1.8	18.51	PASS
Band12	3	23165	15	#0	QPSK	22.50	-1.8	18.55	PASS
Band12	3	23165	1	#0	16QAM	22.51	-1.8	18.56	PASS
Band12	3	23165	1	#Mid	16QAM	22.48	-1.8	18.53	PASS
Band12	3	23165	1	#Max	16QAM	22.41	-1.8	18.46	PASS
Band12	3	23165	8	#0	16QAM	21.52	-1.8	17.57	PASS
Band12	3	23165	8	#Mid	16QAM	21.44	-1.8	17.49	PASS
Band12	3	23165	8	#Max	16QAM	21.47	-1.8	17.52	PASS
Band12	3	23165	15	#0	16QAM	21.52	-1.8	17.57	PASS
Band12	5	23035	1	#0	QPSK	23.60	-1.8	19.65	PASS
Band12	5	23035	1	#Mid	QPSK	23.63	-1.8	19.68	PASS
Band12	5	23035	1	#Max	QPSK	23.61	-1.8	19.66	PASS
Band12	5	23035	12	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23035	12	#Mid	QPSK	22.57	-1.8	18.62	PASS
Band12	5	23035	12	#Max	QPSK	22.59	-1.8	18.64	PASS
Band12	5	23035	25	#0	QPSK	22.62	-1.8	18.67	PASS
Band12	5	23035	1	#0	16QAM	23.05	-1.8	19.10	PASS
Band12	5	23035	1	#Mid	16QAM	23.08	-1.8	19.13	PASS
Band12	5	23035	1	#Max	16QAM	23.08	-1.8	19.13	PASS
Band12	5	23035	12	#0	16QAM	21.62	-1.8	17.67	PASS
Band12	5	23035	12	#Mid	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23035	12	#Max	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23035	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	5	23095	1	#0	QPSK	23.56	-1.8	19.61	PASS
Band12	5	23095	1	#Mid	QPSK	23.63	-1.8	19.68	PASS
Band12	5	23095	1	#Max	QPSK	23.66	-1.8	19.71	PASS
Band12	5	23095	12	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	5	23095	12	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23095	12	#Max	QPSK	22.56	-1.8	18.61	PASS
Band12	5	23095	25	#0	QPSK	22.63	-1.8	18.68	PASS
Band12	5	23095	1	#0	16QAM	22.91	-1.8	18.96	PASS
Band12	5	23095	1	#Mid	16QAM	22.97	-1.8	19.02	PASS
Band12	5	23095	1	#Max	16QAM	22.98	-1.8	19.03	PASS
Band12	5	23095	12	#0	16QAM	21.60	-1.8	17.65	PASS
Band12	5	23095	12	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	5	23095	12	#Max	16QAM	21.55	-1.8	17.60	PASS

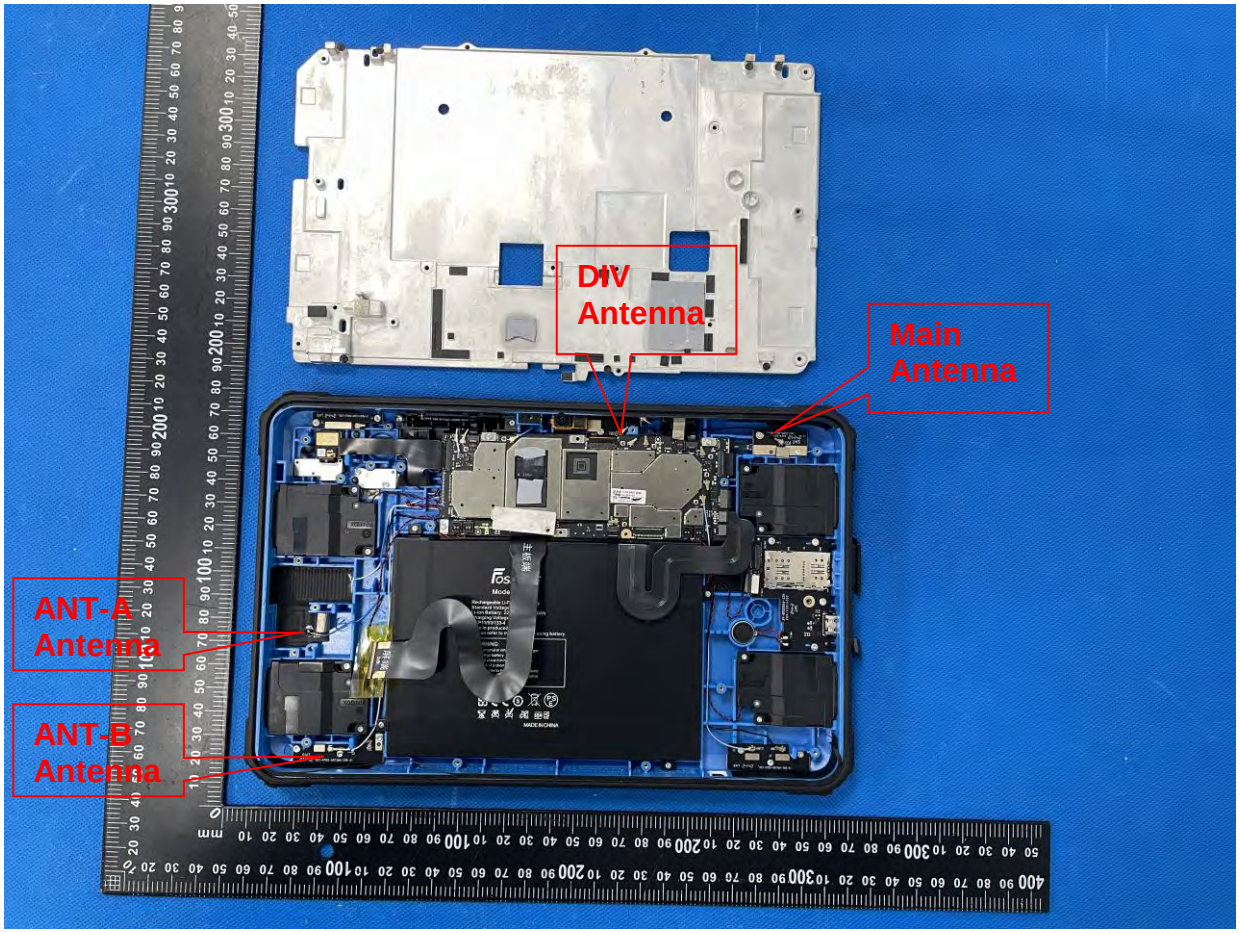
Band12	5	23095	25	#0	16QAM	21.65	-1.8	17.70	PASS
Band12	5	23155	1	#0	QPSK	23.55	-1.8	19.60	PASS
Band12	5	23155	1	#Mid	QPSK	23.49	-1.8	19.54	PASS
Band12	5	23155	1	#Max	QPSK	23.47	-1.8	19.52	PASS
Band12	5	23155	12	#0	QPSK	22.62	-1.8	18.67	PASS
Band12	5	23155	12	#Mid	QPSK	22.55	-1.8	18.60	PASS
Band12	5	23155	12	#Max	QPSK	22.54	-1.8	18.59	PASS
Band12	5	23155	25	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	5	23155	1	#0	16QAM	22.95	-1.8	19.00	PASS
Band12	5	23155	1	#Mid	16QAM	22.96	-1.8	19.01	PASS
Band12	5	23155	1	#Max	16QAM	22.90	-1.8	18.95	PASS
Band12	5	23155	12	#0	16QAM	21.65	-1.8	17.70	PASS
Band12	5	23155	12	#Mid	16QAM	21.62	-1.8	17.67	PASS
Band12	5	23155	12	#Max	16QAM	21.58	-1.8	17.63	PASS
Band12	5	23155	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	1	#0	QPSK	23.63	-1.8	19.68	PASS
Band12	10	23060	1	#Mid	QPSK	23.60	-1.8	19.65	PASS
Band12	10	23060	1	#Max	QPSK	23.71	-1.8	19.76	PASS
Band12	10	23060	25	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	25	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	25	#Max	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	50	#0	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23060	1	#0	16QAM	22.58	-1.8	18.63	PASS
Band12	10	23060	1	#Mid	16QAM	22.49	-1.8	18.54	PASS
Band12	10	23060	1	#Max	16QAM	22.57	-1.8	18.62	PASS
Band12	10	23060	25	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	25	#Mid	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23060	25	#Max	16QAM	21.57	-1.8	17.62	PASS
Band12	10	23060	50	#0	16QAM	21.55	-1.8	17.60	PASS
Band12	10	23095	1	#0	QPSK	23.59	-1.8	19.64	PASS
Band12	10	23095	1	#Mid	QPSK	23.57	-1.8	19.62	PASS
Band12	10	23095	1	#Max	QPSK	23.65	-1.8	19.70	PASS
Band12	10	23095	25	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23095	25	#Mid	QPSK	22.61	-1.8	18.66	PASS
Band12	10	23095	25	#Max	QPSK	22.61	-1.8	18.66	PASS
Band12	10	23095	50	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23095	1	#0	16QAM	22.97	-1.8	19.02	PASS
Band12	10	23095	1	#Mid	16QAM	23.02	-1.8	19.07	PASS
Band12	10	23095	1	#Max	16QAM	22.96	-1.8	19.01	PASS
Band12	10	23095	25	#0	16QAM	21.62	-1.8	17.67	PASS
Band12	10	23095	25	#Mid	16QAM	21.63	-1.8	17.68	PASS
Band12	10	23095	25	#Max	16QAM	21.59	-1.8	17.64	PASS
Band12	10	23095	50	#0	16QAM	21.59	-1.8	17.64	PASS
Band12	10	23130	1	#0	QPSK	23.67	-1.8	19.72	PASS
Band12	10	23130	1	#Mid	QPSK	23.53	-1.8	19.58	PASS
Band12	10	23130	1	#Max	QPSK	23.53	-1.8	19.58	PASS
Band12	10	23130	25	#0	QPSK	22.66	-1.8	18.71	PASS
Band12	10	23130	25	#Mid	QPSK	22.58	-1.8	18.63	PASS
Band12	10	23130	25	#Max	QPSK	22.51	-1.8	18.56	PASS
Band12	10	23130	50	#0	QPSK	22.60	-1.8	18.65	PASS
Band12	10	23130	1	#0	16QAM	22.84	-1.8	18.89	PASS
Band12	10	23130	1	#Mid	16QAM	22.73	-1.8	18.78	PASS
Band12	10	23130	1	#Max	16QAM	22.71	-1.8	18.76	PASS
Band12	10	23130	25	#0	16QAM	21.62	-1.8	17.67	PASS
Band12	10	23130	25	#Mid	16QAM	21.58	-1.8	17.63	PASS
Band12	10	23130	25	#Max	16QAM	21.53	-1.8	17.58	PASS
Band12	10	23130	50	#0	16QAM	21.62	-1.8	17.67	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.51	-1.8	19.56	PASS
Band17	5	23755	1	#Mid	QPSK	23.57	-1.8	19.62	PASS
Band17	5	23755	1	#Max	QPSK	23.49	-1.8	19.54	PASS
Band17	5	23755	12	#0	QPSK	22.48	-1.8	18.53	PASS
Band17	5	23755	12	#Mid	QPSK	22.48	-1.8	18.53	PASS
Band17	5	23755	12	#Max	QPSK	22.43	-1.8	18.48	PASS
Band17	5	23755	25	#0	QPSK	22.50	-1.8	18.55	PASS
Band17	5	23755	1	#0	16QAM	22.87	-1.8	18.92	PASS
Band17	5	23755	1	#Mid	16QAM	22.91	-1.8	18.96	PASS
Band17	5	23755	1	#Max	16QAM	22.77	-1.8	18.82	PASS
Band17	5	23755	12	#0	16QAM	21.48	-1.8	17.53	PASS
Band17	5	23755	12	#Mid	16QAM	21.48	-1.8	17.53	PASS
Band17	5	23755	12	#Max	16QAM	21.41	-1.8	17.46	PASS
Band17	5	23755	25	#0	16QAM	21.52	-1.8	17.57	PASS
Band17	5	23790	1	#0	QPSK	23.40	-1.8	19.45	PASS
Band17	5	23790	1	#Mid	QPSK	23.50	-1.8	19.55	PASS
Band17	5	23790	1	#Max	QPSK	23.48	-1.8	19.53	PASS
Band17	5	23790	12	#0	QPSK	22.48	-1.8	18.53	PASS
Band17	5	23790	12	#Mid	QPSK	22.46	-1.8	18.51	PASS
Band17	5	23790	12	#Max	QPSK	22.45	-1.8	18.50	PASS
Band17	5	23790	25	#0	QPSK	22.51	-1.8	18.56	PASS
Band17	5	23790	1	#0	16QAM	22.80	-1.8	18.85	PASS
Band17	5	23790	1	#Mid	16QAM	22.95	-1.8	19.00	PASS
Band17	5	23790	1	#Max	16QAM	22.95	-1.8	19.00	PASS
Band17	5	23790	12	#0	16QAM	21.49	-1.8	17.54	PASS
Band17	5	23790	12	#Mid	16QAM	21.48	-1.8	17.53	PASS
Band17	5	23790	12	#Max	16QAM	21.48	-1.8	17.53	PASS
Band17	5	23790	25	#0	16QAM	21.46	-1.8	17.51	PASS
Band17	5	23825	1	#0	QPSK	23.55	-1.8	19.60	PASS
Band17	5	23825	1	#Mid	QPSK	23.54	-1.8	19.59	PASS
Band17	5	23825	1	#Max	QPSK	23.51	-1.8	19.56	PASS
Band17	5	23825	12	#0	QPSK	22.49	-1.8	18.54	PASS
Band17	5	23825	12	#Mid	QPSK	22.47	-1.8	18.52	PASS
Band17	5	23825	12	#Max	QPSK	22.42	-1.8	18.47	PASS
Band17	5	23825	25	#0	QPSK	22.52	-1.8	18.57	PASS
Band17	5	23825	1	#0	16QAM	23.00	-1.8	19.05	PASS
Band17	5	23825	1	#Mid	16QAM	22.99	-1.8	19.04	PASS
Band17	5	23825	1	#Max	16QAM	22.98	-1.8	19.03	PASS
Band17	5	23825	12	#0	16QAM	21.55	-1.8	17.60	PASS
Band17	5	23825	12	#Mid	16QAM	21.52	-1.8	17.57	PASS
Band17	5	23825	12	#Max	16QAM	21.47	-1.8	17.52	PASS
Band17	5	23825	25	#0	16QAM	21.45	-1.8	17.50	PASS
Band17	10	23780	1	#0	QPSK	23.54	-1.8	19.59	PASS
Band17	10	23780	1	#Mid	QPSK	23.42	-1.8	19.47	PASS
Band17	10	23780	1	#Max	QPSK	23.49	-1.8	19.54	PASS
Band17	10	23780	25	#0	QPSK	22.52	-1.8	18.57	PASS
Band17	10	23780	25	#Mid	QPSK	22.47	-1.8	18.52	PASS
Band17	10	23780	25	#Max	QPSK	22.45	-1.8	18.50	PASS
Band17	10	23780	50	#0	QPSK	22.50	-1.8	18.55	PASS
Band17	10	23780	1	#0	16QAM	22.71	-1.8	18.76	PASS
Band17	10	23780	1	#Mid	16QAM	22.60	-1.8	18.65	PASS
Band17	10	23780	1	#Max	16QAM	22.65	-1.8	18.70	PASS
Band17	10	23780	25	#0	16QAM	21.51	-1.8	17.56	PASS
Band17	10	23780	25	#Mid	16QAM	21.46	-1.8	17.51	PASS

Band17	10	23780	25	#Max	16QAM	21.45	-1.8	17.50	PASS
Band17	10	23780	50	#0	16QAM	21.54	-1.8	17.59	PASS
Band17	10	23790	1	#0	QPSK	23.55	-1.8	19.60	PASS
Band17	10	23790	1	#Mid	QPSK	23.54	-1.8	19.59	PASS
Band17	10	23790	1	#Max	QPSK	23.49	-1.8	19.54	PASS
Band17	10	23790	25	#0	QPSK	22.51	-1.8	18.56	PASS
Band17	10	23790	25	#Mid	QPSK	22.45	-1.8	18.50	PASS
Band17	10	23790	25	#Max	QPSK	22.41	-1.8	18.46	PASS
Band17	10	23790	50	#0	QPSK	22.48	-1.8	18.53	PASS
Band17	10	23790	1	#0	16QAM	22.43	-1.8	18.48	PASS
Band17	10	23790	1	#Mid	16QAM	22.42	-1.8	18.47	PASS
Band17	10	23790	1	#Max	16QAM	22.38	-1.8	18.43	PASS
Band17	10	23790	25	#0	16QAM	21.49	-1.8	17.54	PASS
Band17	10	23790	25	#Mid	16QAM	21.41	-1.8	17.46	PASS
Band17	10	23790	25	#Max	16QAM	21.40	-1.8	17.45	PASS
Band17	10	23790	50	#0	16QAM	21.44	-1.8	17.49	PASS
Band17	10	23800	1	#0	QPSK	23.59	-1.8	19.64	PASS
Band17	10	23800	1	#Mid	QPSK	23.51	-1.8	19.56	PASS
Band17	10	23800	1	#Max	QPSK	23.45	-1.8	19.50	PASS
Band17	10	23800	25	#0	QPSK	22.53	-1.8	18.58	PASS
Band17	10	23800	25	#Mid	QPSK	22.50	-1.8	18.55	PASS
Band17	10	23800	25	#Max	QPSK	22.46	-1.8	18.51	PASS
Band17	10	23800	50	#0	QPSK	22.50	-1.8	18.55	PASS
Band17	10	23800	1	#0	16QAM	23.04	-1.8	19.09	PASS
Band17	10	23800	1	#Mid	16QAM	22.90	-1.8	18.95	PASS
Band17	10	23800	1	#Max	16QAM	22.86	-1.8	18.91	PASS
Band17	10	23800	25	#0	16QAM	21.54	-1.8	17.59	PASS
Band17	10	23800	25	#Mid	16QAM	21.52	-1.8	17.57	PASS
Band17	10	23800	25	#Max	16QAM	21.44	-1.8	17.49	PASS
Band17	10	23800	50	#0	16QAM	21.50	-1.8	17.55	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 TX
DIV	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17 RX
ANT-A	Bluetooth + WIFI 2.4G + WIFI 5G
ANT-B	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	135	215	<25
ANT-A	/	<25	138	<25	<25	206
ANT-B	/	<25	84	60	<25	210

Body mode: Positions for SAR tests						
Antennas	Front	Back	Top Side	Bottom Side	Left Side	Right Side
Main	/	Yes	Yes	No	No	Yes
ANT-A	/	Yes	No	Yes	Yes	No
ANT-B	/	Yes	No	No	Yes	No

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.

KDB 248227 D01 802.11 Wi-Fi SAR

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements.

For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions.

DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.16 The initial test position procedure is described in the following:

a) When the *reported* SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other (remaining) test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band. SAR is also not required for that exposure configuration in the subsequent test configuration(s).

b) When the *reported* SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest extrapolated or estimated 1-g SAR conditions determined by area scans or next closest/smallest test separation distance and maximum RF coupling test positions based on manufacturer justification, on the highest maximum output power channel, until the *reported* SAR is ≤ 0.8 W/kg or all required test positions (left, right, touch, tilt or subsequent surfaces and edges) are tested.

c) For all positions/configurations tested using the initial test position and subsequent test positions, when the *reported* SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the *reported* SAR is ≤ 1.2 W/kg or all required channels are tested.

Additional power measurements may be required for this step, which should be limited to those necessary for identifying the subsequent highest output power channels.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR

WIFI 2.4G (ANT-A)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11b	Back Face	2412	13.11	13.5	0.204	0.223	
		Left Side	2412	13.11	13.5	0.132	0.144	
		Bottom Side	2412	13.11	13.5	0.298	**0.326**	**1**

WIFI 2.4G (ANT-B)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11b	Back Face	2462	12.64	13.0	0.098	0.106	
		Left Side	2462	12.64	13.0	0.182	**0.198**	**2**

WIFI 5.2G (ANT-A)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11a	Back Face	5180	10.99	11.0	0.247	**0.248**	**3**
		Left Side	5180	10.99	11.0	0.166	0.166	
		Bottom Side	5180	10.99	11.0	0.208	0.208	

WIFI 5.2G (ANT-B)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11a	Back Face	5180	9.76	10.0	0.351	**0.371**	**4**
		Left Side	5180	9.76	10.0	0.231	0.244	

WIFI 5.8G (ANT-A)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11a	Back Face	5745	10.73	11.0	0.363	**0.386**	**5**
		Left Side	5745	10.73	11.0	0.353	0.376	
		Bottom Side	5745	10.73	11.0	0.330	0.351	

WIFI 5.8G (ANT-B)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	802.11a	Back Face	5745	11.42	11.5	0.357	**0.364**	**6**
		Left Side	5745	11.42	11.5	0.351	0.358	

GSM 850								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	GSM	Back Face	824.2	32.87	33.0	0.067	0.069	
	GPRS Slot-4	Back Face	824.2	29.29	29.5	0.096	0.101	
		Right Side	824.2	29.29	29.5	0.078	0.082	
		Top Side	824.2	29.29	29.5	0.139	**0.146**	**7**

GSM 1900								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	GSM	Back Face	1850.2	29.77	30.0	0.116	0.122	
	GPRS Slot-4	Back Face	1850.2	26.25	26.5	0.152	0.161	
		Right Side	1850.2	26.25	26.5	0.120	0.127	
		Top Side	1850.2	26.25	26.5	0.209	**0.221**	**8**
		Front Face	1850.2	29.77	30.0	0.049	0.052	

WCDMA Band 2								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	RMC	Back Face	1880	23.34	23.5	0.213	**0.221**	**9**
		Right Side	1880	23.34	23.5	0.135	0.140	
		Top Side	1880	23.34	23.5	0.189	0.196	

WCDMA Band 4								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	RMC	Back Face	1752.6	22.80	23.0	0.202	**0.212**	**10**
		Right Side	1752.6	22.80	23.0	0.108	0.113	
		Top Side	1752.6	22.80	23.0	0.142	0.149	

WCDMA Band 5								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	RMC	Back Face	826.4	23.53	24.0	0.500	**0.557**	**11**
		Right Side	826.4	23.53	24.0	0.096	0.107	
		Top Side	826.4	23.53	24.0	0.112	0.125	

LTE Band 2 (20MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	1880	24.05	24.5	0.433	**0.480**	**12**
		Right Side	1880	24.05	24.5	0.409	0.454	
		Top Side	1880	24.05	24.5	0.373	0.414	
	QPSK, 50%RB	Back Face	1880	22.94	23.0	0.279	0.283	
		Right Side	1880	22.94	23.0	0.228	0.231	
		Top Side	1880	22.94	23.0	0.165	0.167	

LTE Band 4 (20MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	1745	23.79	24.0	0.310	0.325	
		Right Side	1745	23.79	24.0	0.078	0.082	
		Top Side	1745	23.79	24.0	0.359	**0.377**	**13**
	QPSK, 50%RB	Back Face	1745	22.75	23.0	0.179	0.190	
		Right Side	1745	22.75	23.0	0.032	0.034	
		Top Side	1745	22.75	23.0	0.169	0.179	

LTE Band 5 (10MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	844	23.70	24.0	0.125	0.134	
		Right Side	844	23.70	24.0	0.094	0.101	
		Top Side	844	23.70	24.0	0.399	**0.428**	**14**
	QPSK, 50%RB	Back Face	836.5	22.67	23.0	0.119	0.128	
		Right Side	836.5	22.67	23.0	0.077	0.083	
		Top Side	836.5	22.67	23.0	0.275	0.297	

LTE Band 7 (20MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	2510	20.80	21.0	0.233	0.244	
		Right Side	2510	20.80	21.0	0.139	0.146	
		Top Side	2510	20.80	21.0	0.399	**0.418**	**15**
	QPSK, 50%RB	Back Face	2510	19.68	20.0	0.101	0.109	
		Right Side	2510	19.68	20.0	0.083	0.089	
		Top Side	2510	19.68	20.0	0.166	0.179	

LTE Band 12 (10MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	704	23.71	24.0	0.158	**0.169**	**16**
		Right Side	704	23.71	24.0	0.074	0.079	
		Top Side	704	23.71	24.0	0.108	0.115	
	QPSK, 50%RB	Back Face	711	22.66	23.0	0.077	0.083	
		Right Side	711	22.66	23.0	0.038	0.041	
		Top Side	711	22.66	23.0	0.064	0.069	

LTE Band 17 (10MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Body (0mm)	QPSK, 1RB	Back Face	711	23.59	24.0	0.097	0.107	
		Right Side	711	23.59	24.0	0.118	0.130	
		Top Side	711	23.59	24.0	0.207	**0.227**	**17**
	QPSK, 50%RB	Back Face	711	22.53	23.0	0.052	0.058	
		Right Side	711	22.53	23.0	0.047	0.052	
		Top Side	711	22.53	23.0	0.106	0.118	

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
/	/	/	/	/	/	/	/

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	Body SAR
1	WWAN + WIFI	Yes
2	WWAN + Bluetooth	Yes
3	WIFI 2.4G + WIFI 5G	No
4	WIFI + Bluetooth	No

Remark:
1. Wi-Fi 2.4GHz and Wi-Fi 5GHz cannot transmit simultaneously.
2. WIFI2.4G and Bluetooth are the same antenna and cannot be sent 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	**Maximum Power (dBm)**	**Maximum Power (mW)**	**Separation Distance (mm)**	**X**	**Estimated SAR1-g (W/kg)**
Bluetooth	0.0	1.00	5	3.0	0.042

Note:
1. Maximum average power including tune-up tolerance;
2. 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	Standalone SAR (W/kg)				Summed SAR (W/kg)
		Main	ANT-A	ANT-B	5G NR	
Body (0mm)	Front	/	/	/	/	/
	Back	0.557	0.386	0.371	0.200	1.514
	Left Side	/	0.376	0.358	0.026	0.760
	Right Side	0.454	/	/	/	0.454
	Top Side	0.428	/	/	0.743	1.171
	Bottom Side	/	0.351	/	/	0.351

15. Test Plots

15.1 System Performance Check

System check at 750 MHz
Date of measurement: 21/1/2025

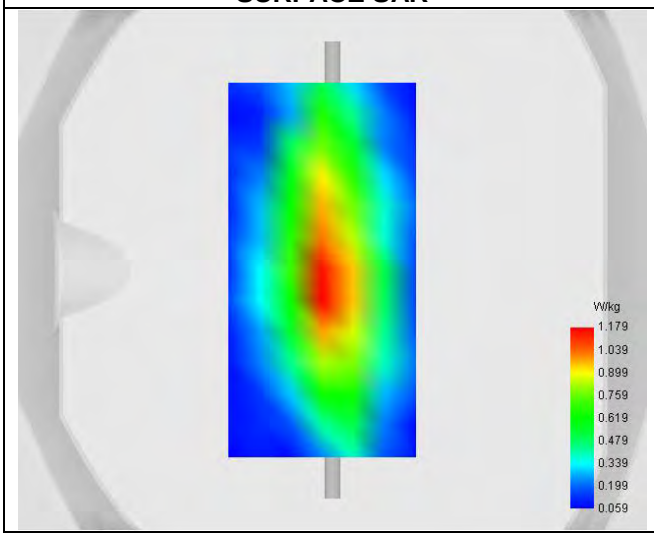
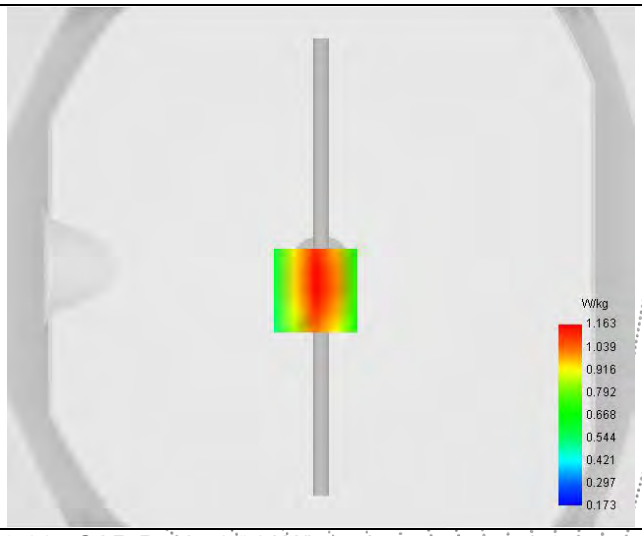
A. Experimental conditions.

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. Permitivity

Frequency (MHz)	750.000
Relative permitivity (real part)	41.813
Relative permitivity (imaginary part)	24.595
Conductivity (S/m)	0.913

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

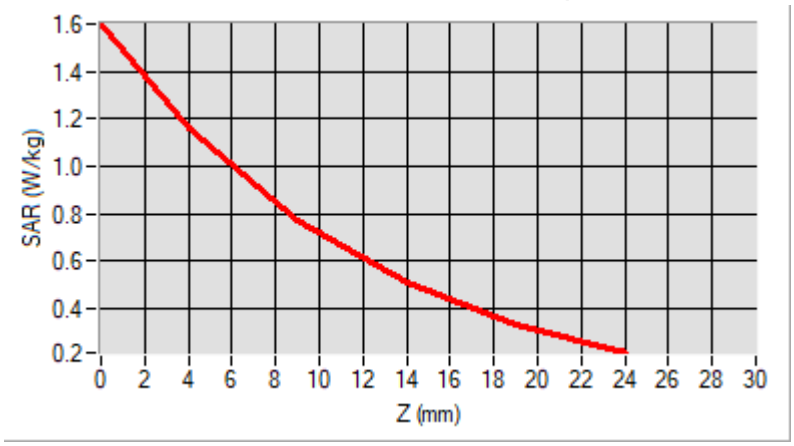
Maximum location: X=-2.00, Y=-9.00 ; SAR Peak: 1.61 W/kg

D. SAR 1g & 10g

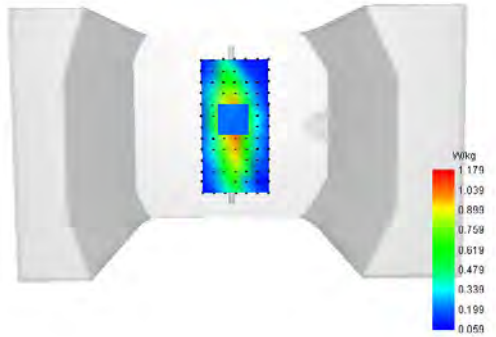
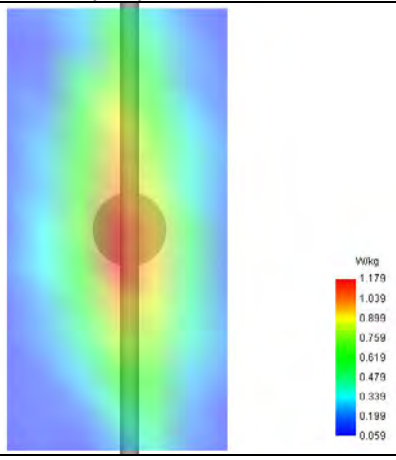
SAR 10g (W/Kg)	0.780
SAR 1g (W/Kg)	2.125
Variation (%)	-3.413
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 22/1/2025

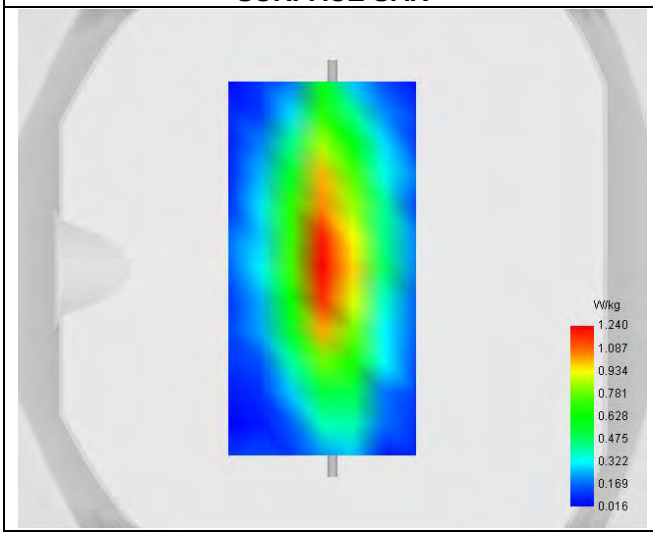
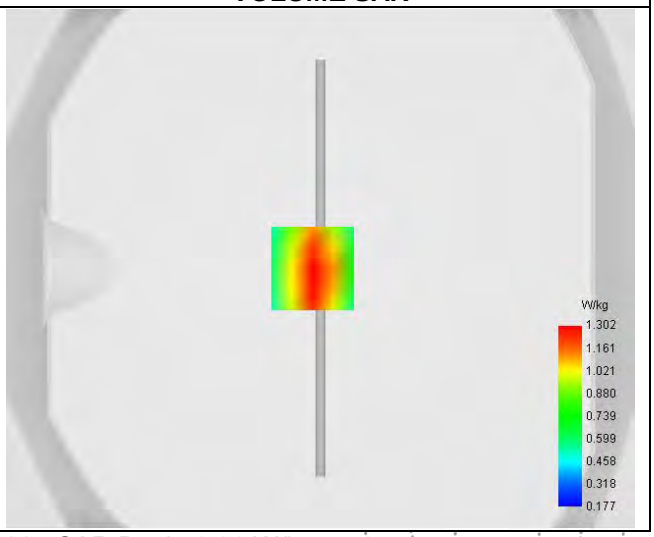
A. Experimental conditions.

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)	42.233
Relative permitivity (imaginary part)	20.910
Conductivity (S/m)	0.995

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

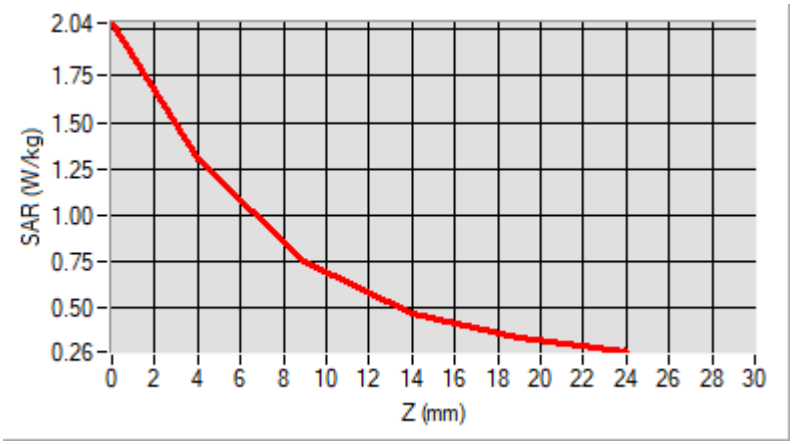
Maximum location: X=-3.00, Y=0.00 ; SAR Peak: 2.06 W/kg

D. SAR 1g & 10g

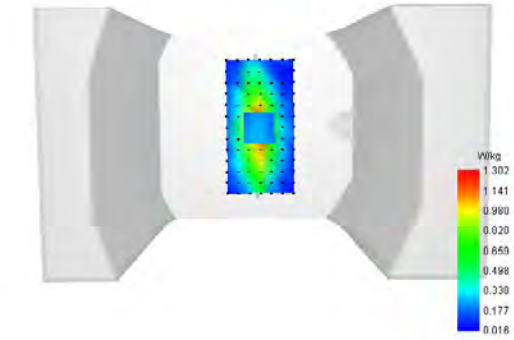
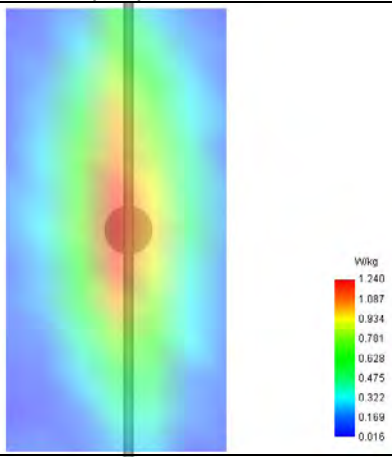
SAR 10g (W/Kg)	1.571
SAR 1g (W/Kg)	2.494
Variation (%)	-2.939
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 8/2/2025

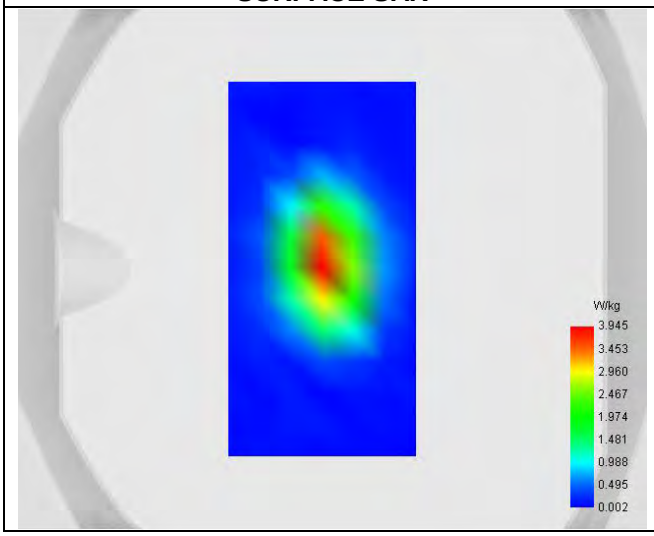
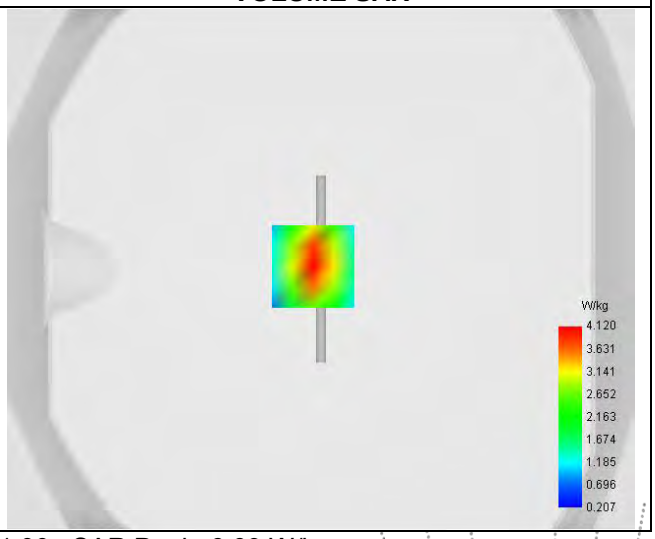
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.96
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)	41.598
Relative permitivity (imaginary part)	15.200
Conductivity (S/m)	1.352

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

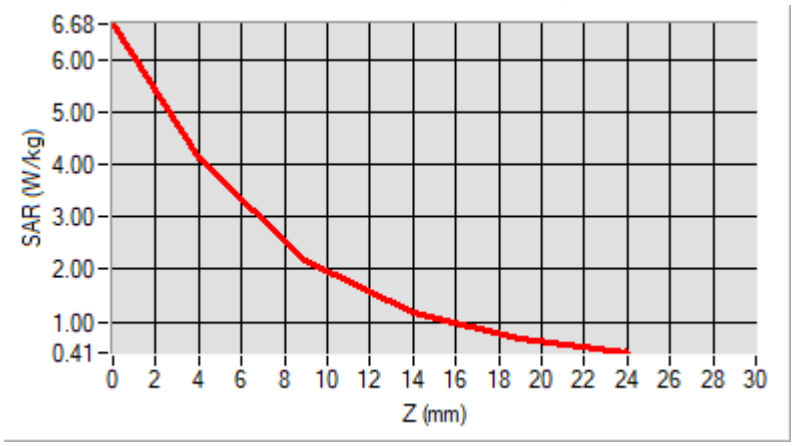
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 6.69 W/kg

D. SAR 1g & 10g

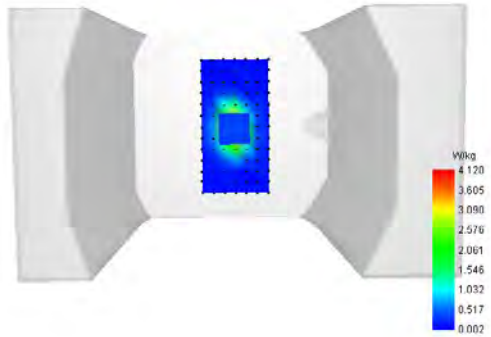
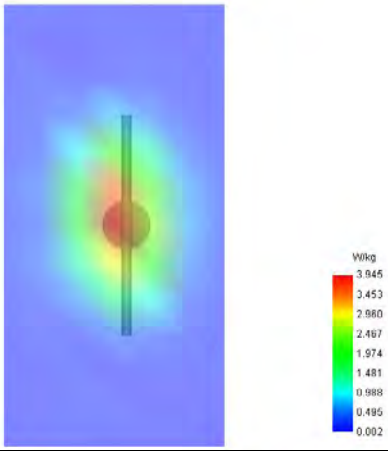
SAR 10g (W/Kg)	5.183
SAR 1g (W/Kg)	10.057
Variation (%)	1.606
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 23/1/2025

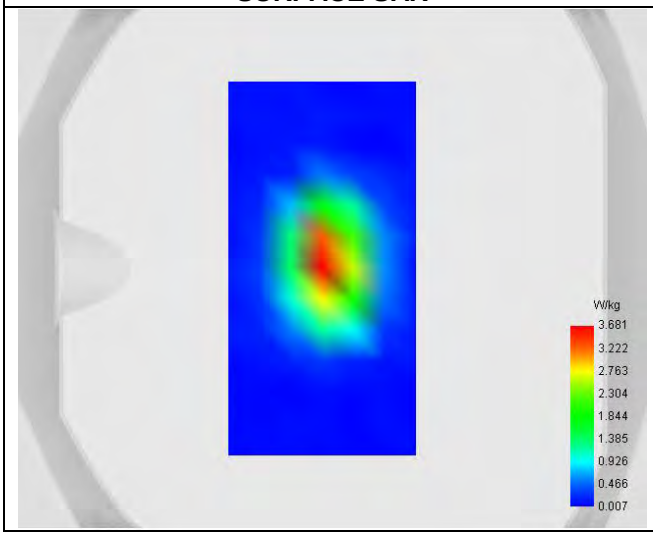
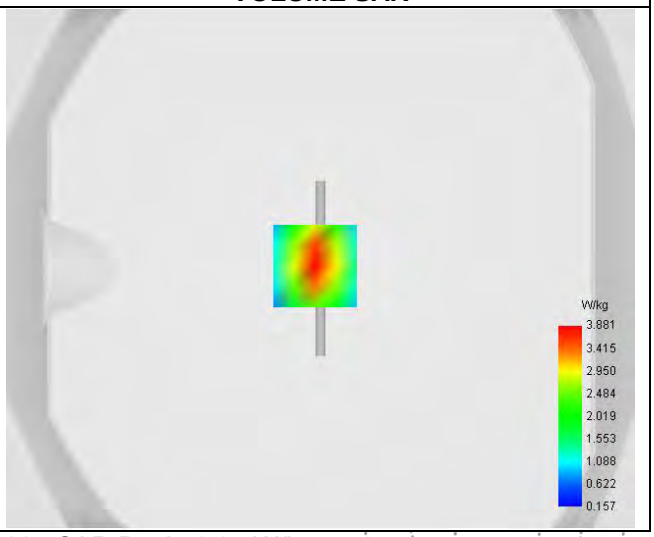
A. Experimental conditions.

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)	38.853
Relative permitivity (imaginary part)	14.400
Conductivity (S/m)	1.384

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

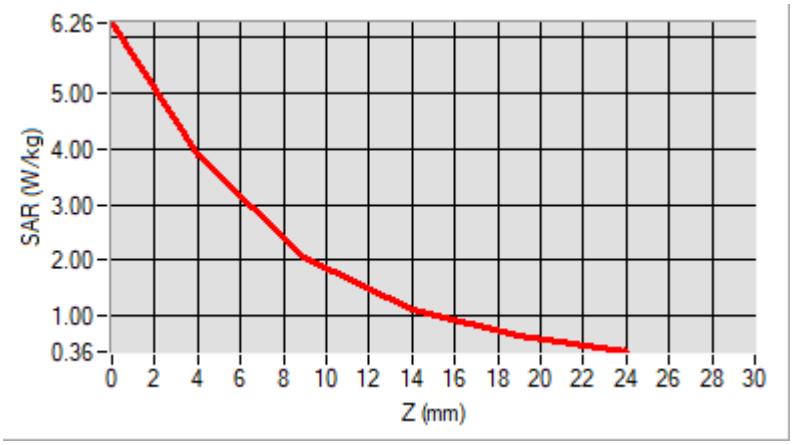
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 6.27 W/kg

D. SAR 1g & 10g

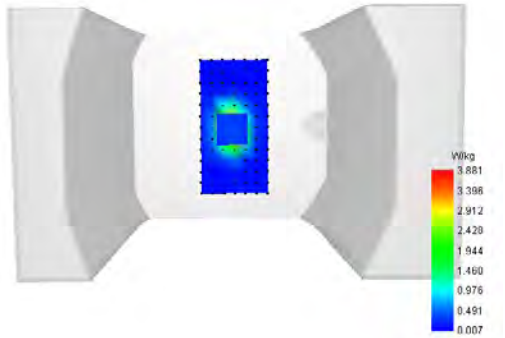
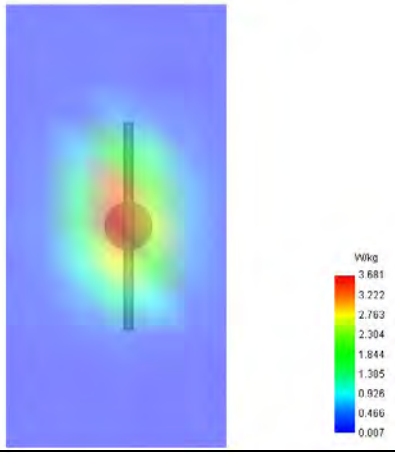
SAR 10g (W/Kg)	5.493
SAR 1g (W/Kg)	10.557
Variation (%)	3.817
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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 2450MHz
Date of measurement: 6/1/2025

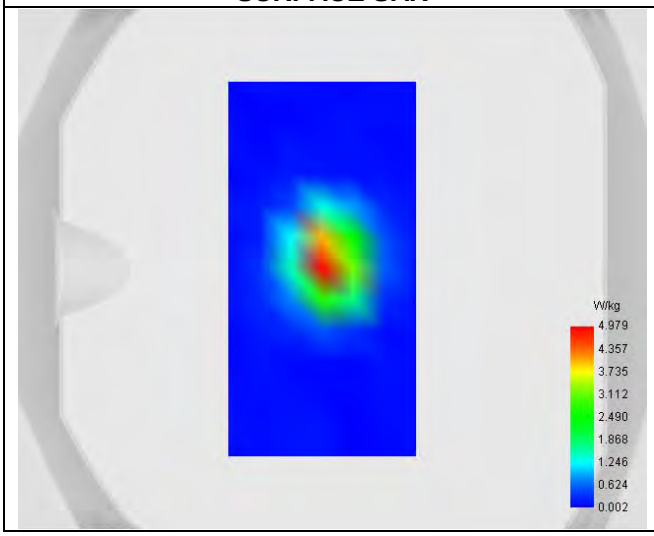
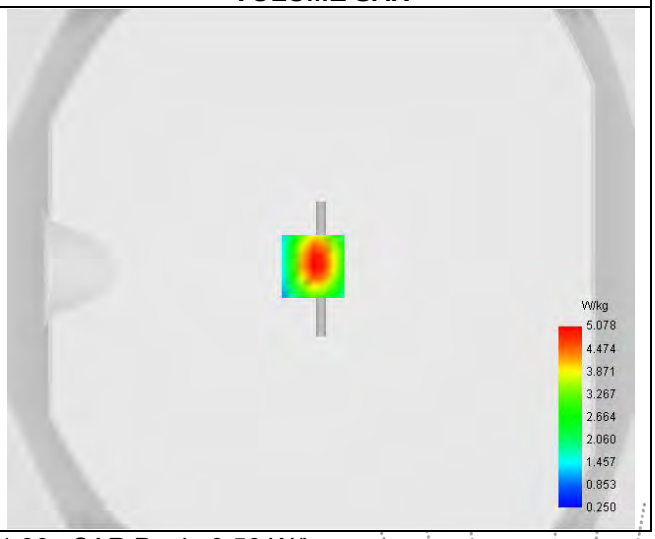
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW

B. Permitivity

Frequency (MHz)	2450.000
Relative permitivity (real part)	40.717
Relative permitivity (imaginary part)	14.330
Conductivity (S/m)	1.857

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

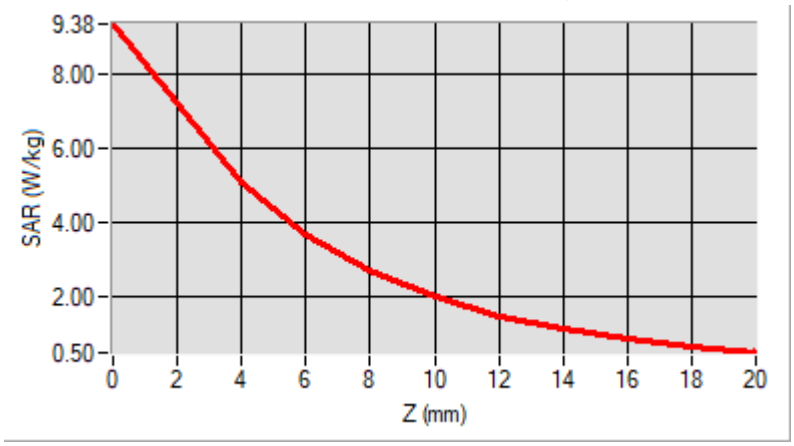
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 9.50 W/kg

D. SAR 1g & 10g

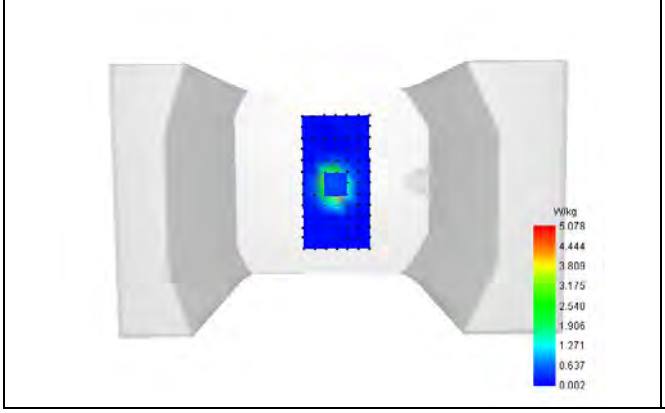
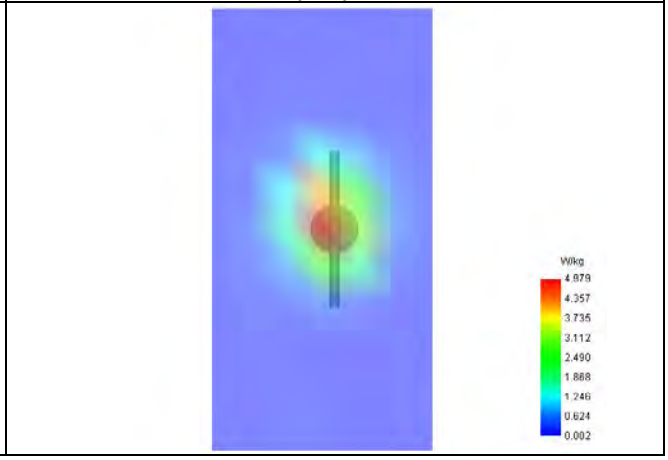
SAR 10g (W/Kg)	6.160
SAR 1g (W/Kg)	13.338
Variation (%)	0.329
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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 2600MHz
Date of measurement: 8/2/2025

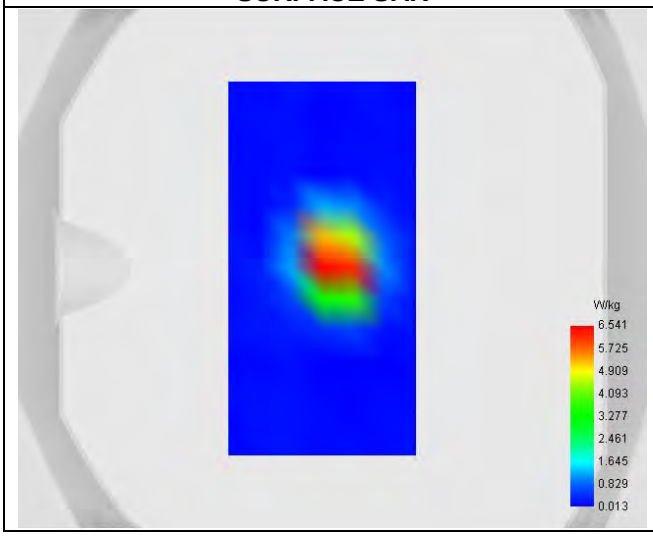
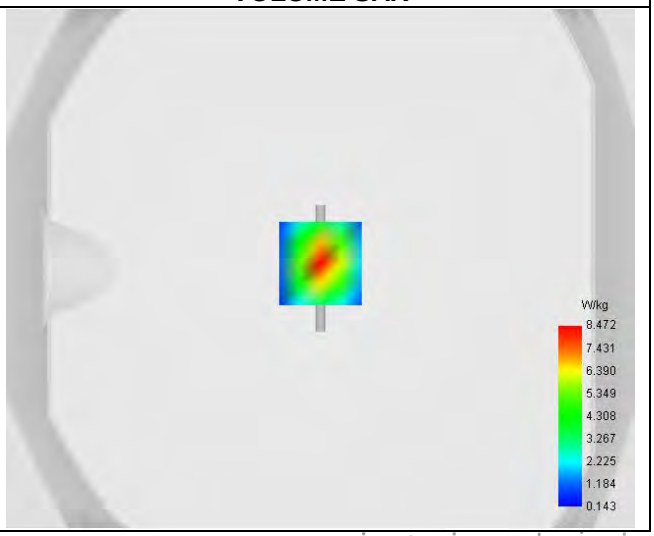
A. Experimental conditions.

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)	38.157
Relative permitivity (imaginary part)	14.889
Conductivity (S/m)	1.982

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

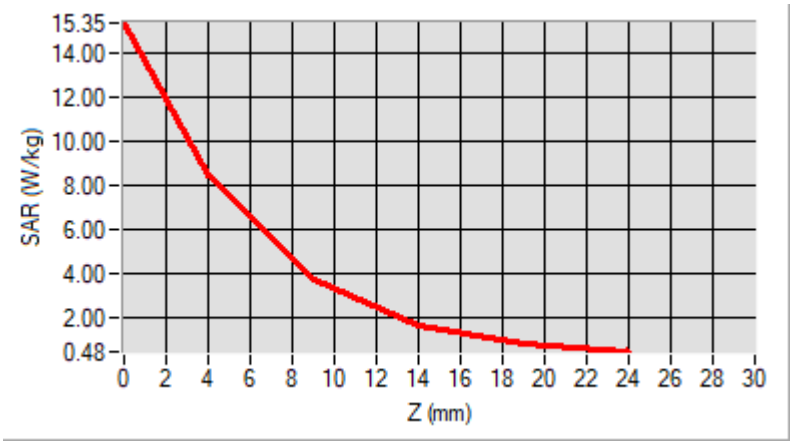
Maximum location: X=0.00, Y=2.00 ; SAR Peak: 15.35 W/kg

D. SAR 1g & 10g

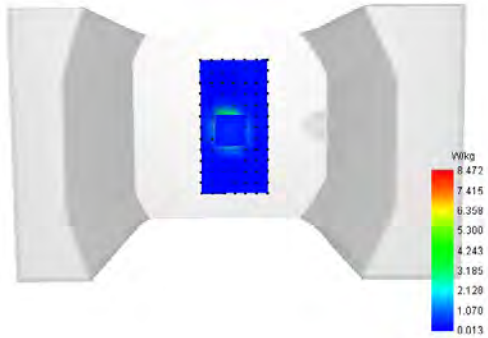
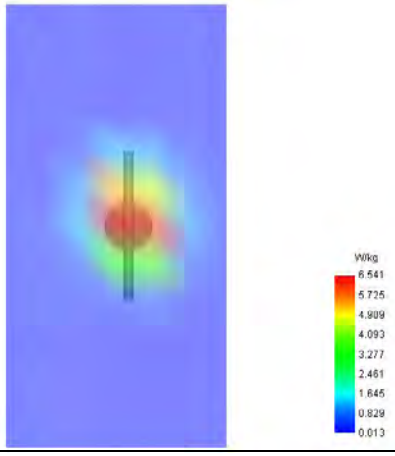
SAR 10g (W/Kg)	6.049
SAR 1g (W/Kg)	14.465
Variation (%)	-3.955
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 6/1/2025

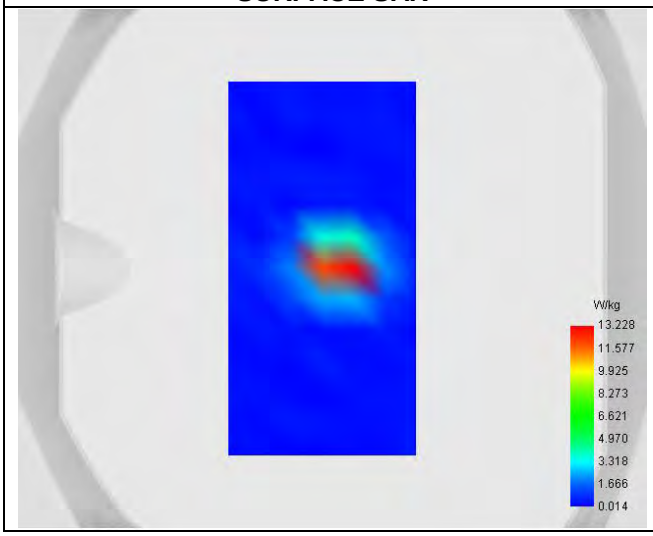
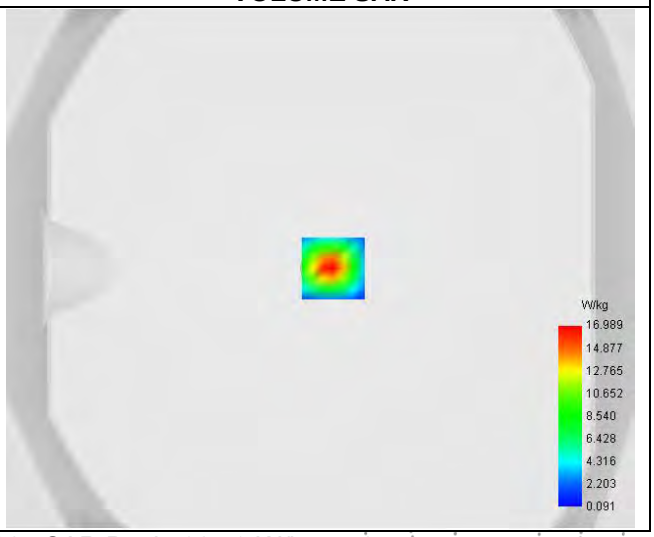
A. Experimental conditions.

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)	35.934
Relative permitivity (imaginary part)	18.140
Conductivity (S/m)	4.501

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

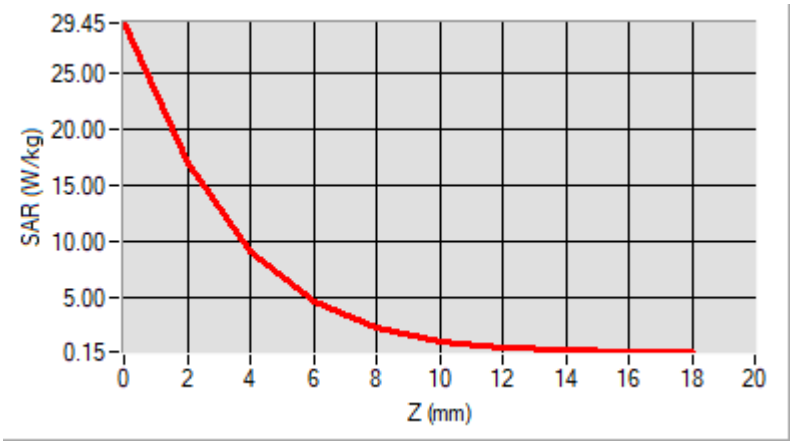
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 30.79 W/kg

D. SAR 1g & 10g

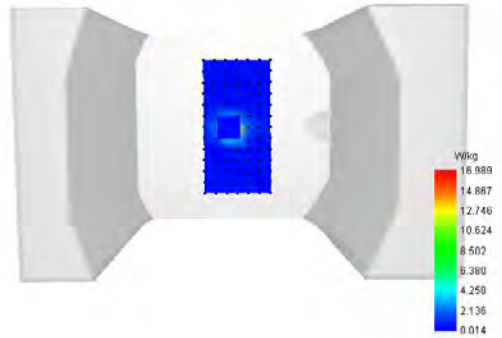
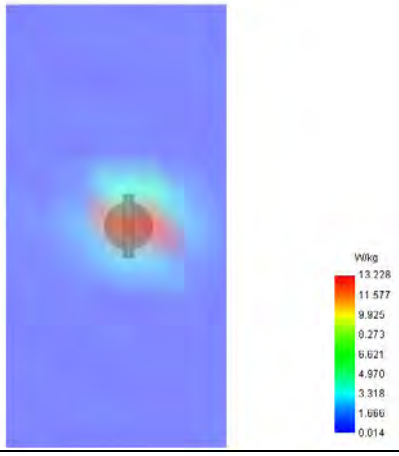
SAR 10g (W/Kg)	5.494
SAR 1g (W/Kg)	19.830
Variation (%)	-0.226
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 6/1/2025

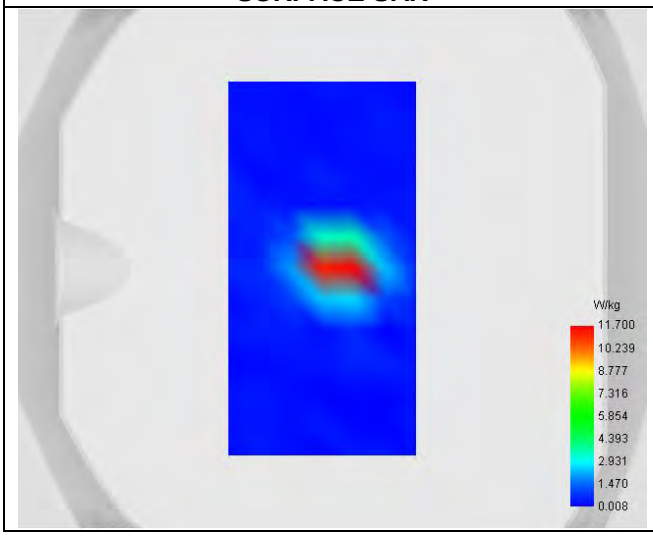
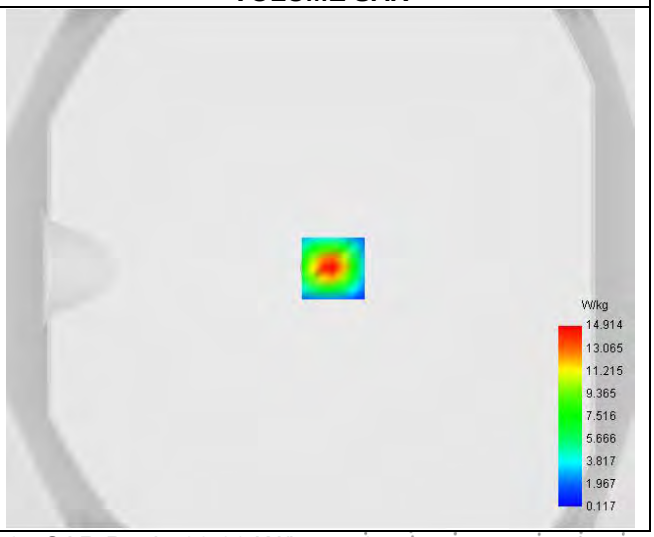
A. Experimental conditions.

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)	34.829
Relative permitivity (imaginary part)	18.620
Conductivity (S/m)	5.335

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

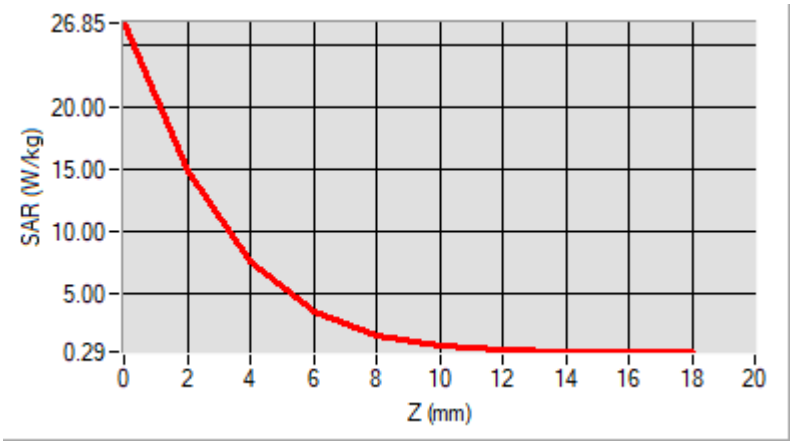
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 28.22 W/kg

D. SAR 1g & 10g

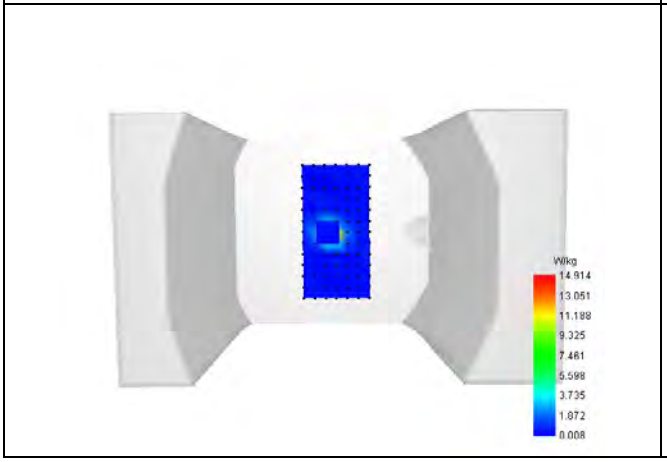
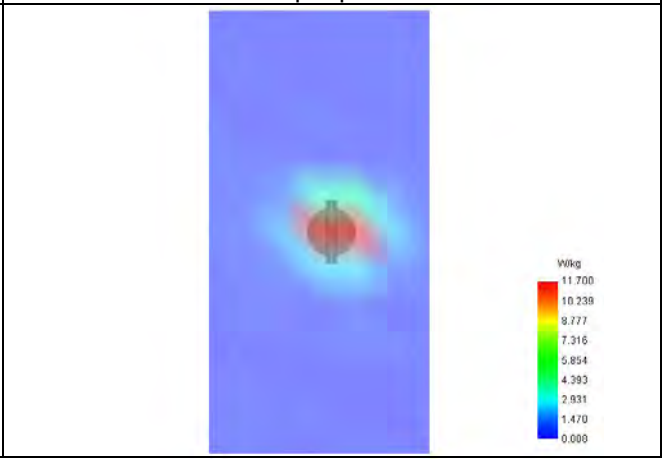
SAR 10g (W/Kg)	5.739
SAR 1g (W/Kg)	18.807
Variation (%)	0.976
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 6/1/2025

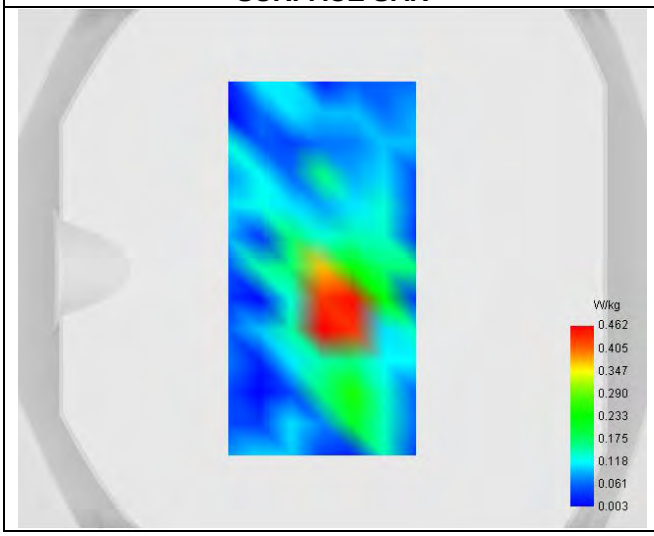
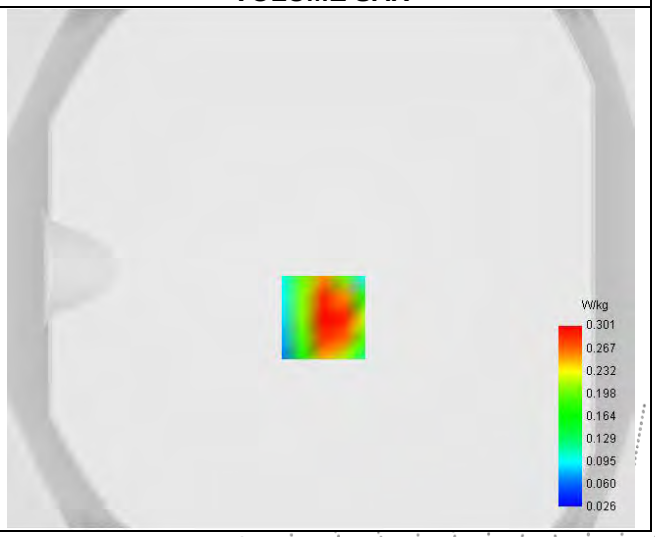
A. Experimental conditions.

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)	2412.000
Relative permitivity (real part)	40.717
Relative permitivity (imaginary part)	13.207
Conductivity (S/m)	1.857

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

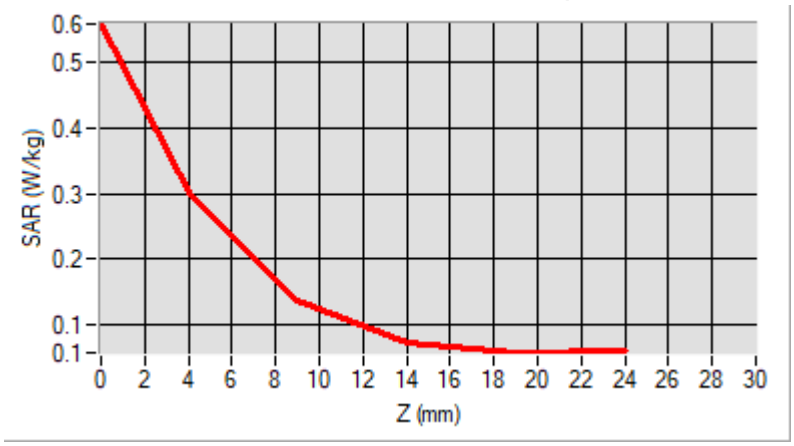
Maximum location: X=1.00, Y=-19.00 ; SAR Peak: 0.59 W/kg

D. SAR 1g & 10g

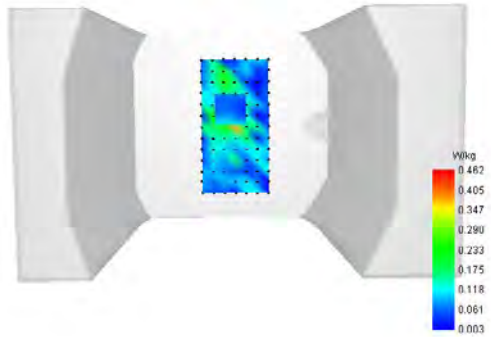
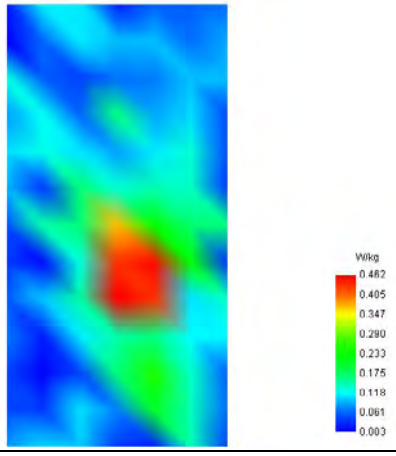
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.298
Variation (%)	-1.090
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.559	0.301	0.135	0.072	0.056



F. 3D Image

3D screen shot	Hot spot position
	

Plot 2
Date of measurement: 6/1/2025

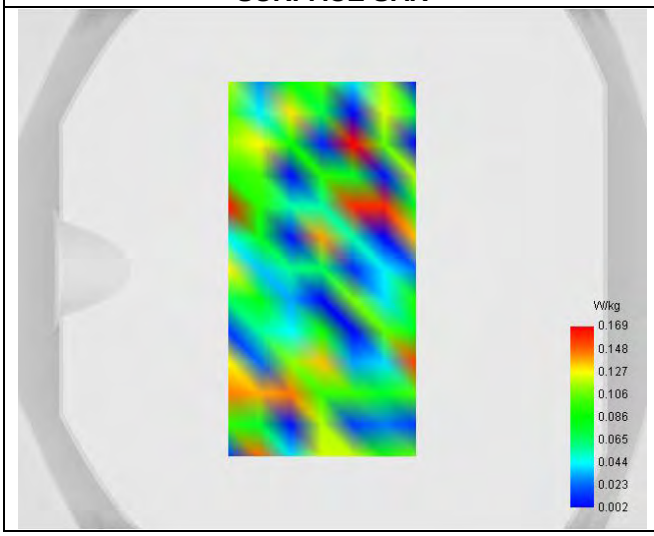
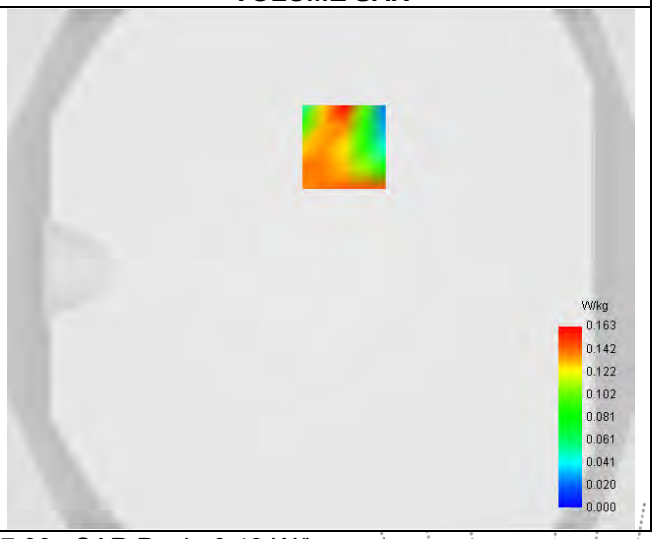
A. Experimental conditions.

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)	2462.000
Relative permitivity (real part)	40.717
Relative permitivity (imaginary part)	13.207
Conductivity (S/m)	1.857

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

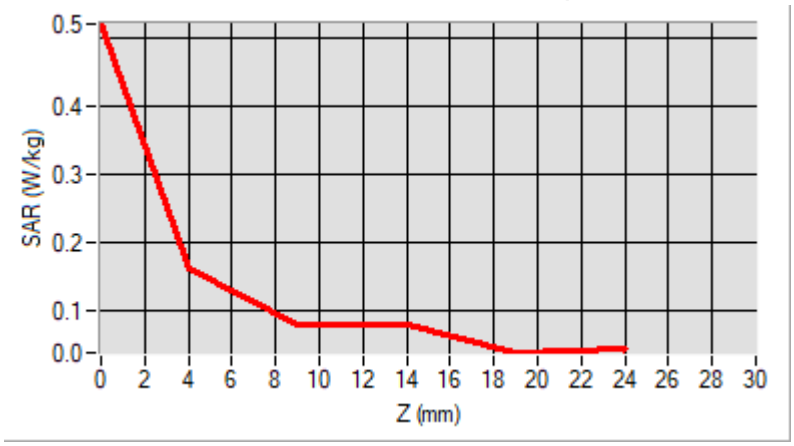
Maximum location: X=9.00, Y=47.00 ; SAR Peak: 0.48 W/kg

D. SAR 1g & 10g

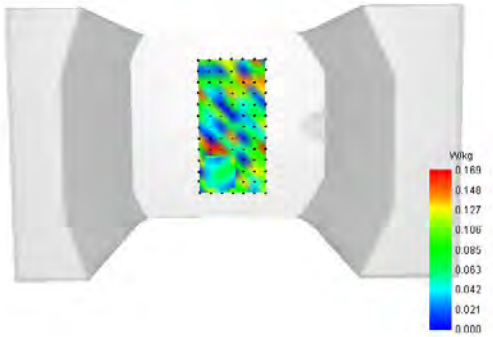
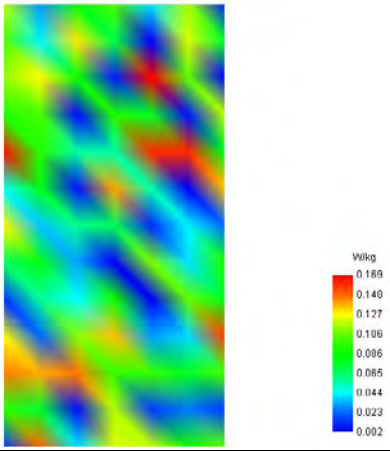
SAR 10g (W/Kg)	0.106
SAR 1g (W/Kg)	0.182
Variation (%)	0.090
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.521	0.163	0.079	0.082	0.039



F. 3D Image

3D screen shot	Hot spot position
	

Plot 3
Date of measurement: 6/1/2025

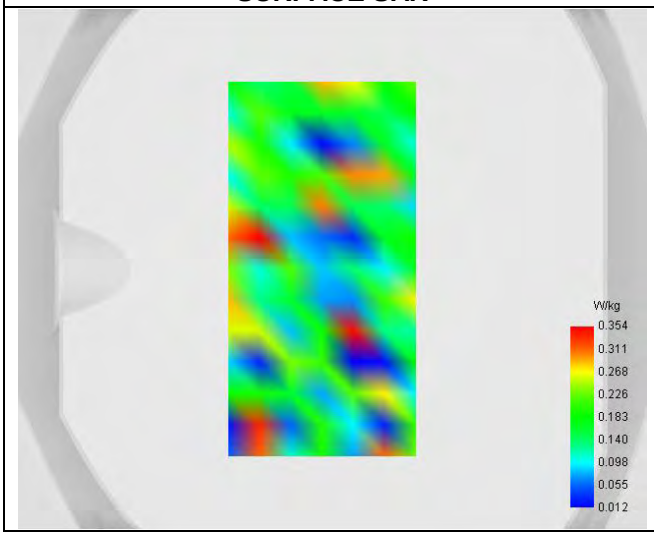
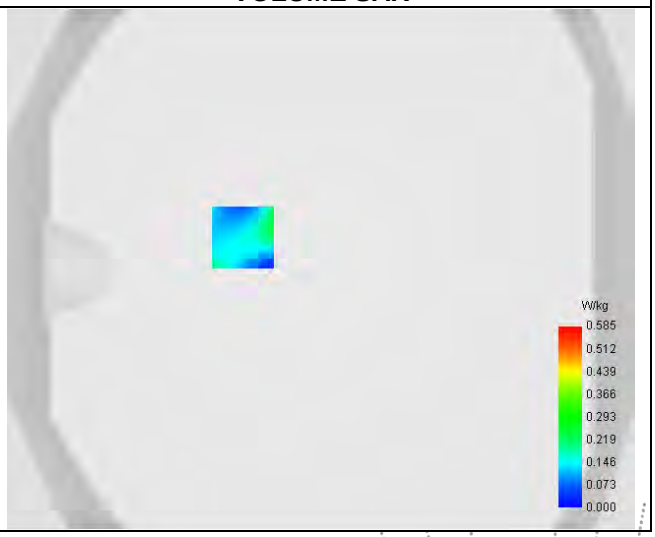
A. Experimental conditions.

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)	5180.000
Relative permitivity (real part)	35.934
Relative permitivity (imaginary part)	16.130
Conductivity (S/m)	4.501

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

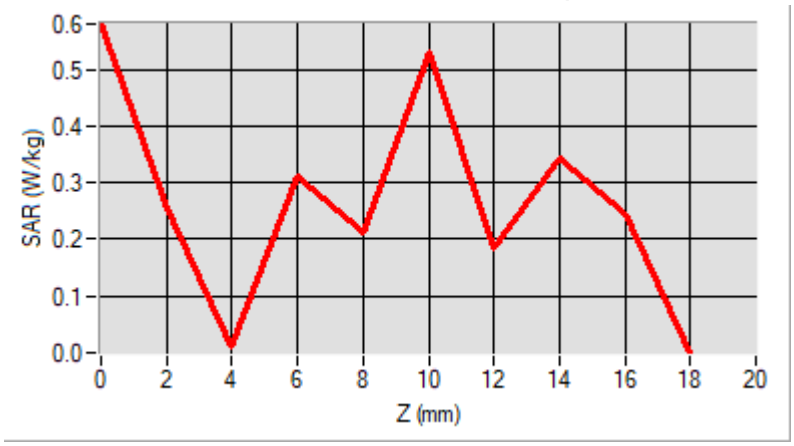
Maximum location: X=-30.00, Y=12.00 ; SAR Peak: 0.72 W/kg

D. SAR 1g & 10g

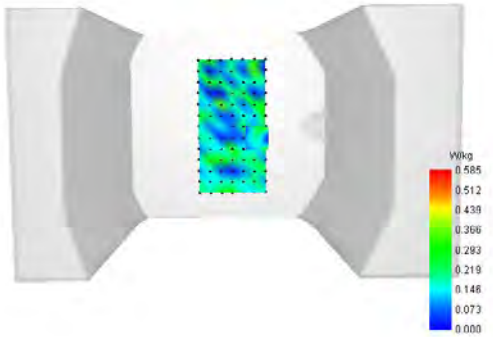
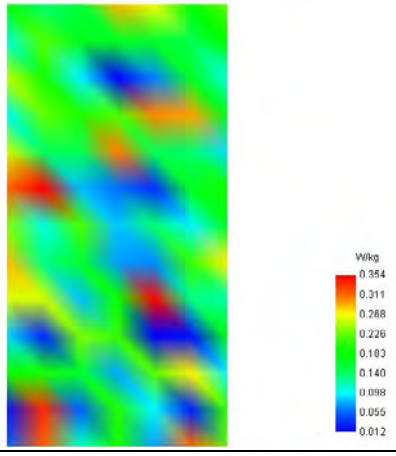
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.247
Variation (%)	-2.220
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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)	0.580	0.256	0.009	0.312	0.213	0.530	0.184	0.341	0.245



F. 3D Image

3D screen shot	Hot spot position
	

Plot 4
Date of measurement: 6/1/2025

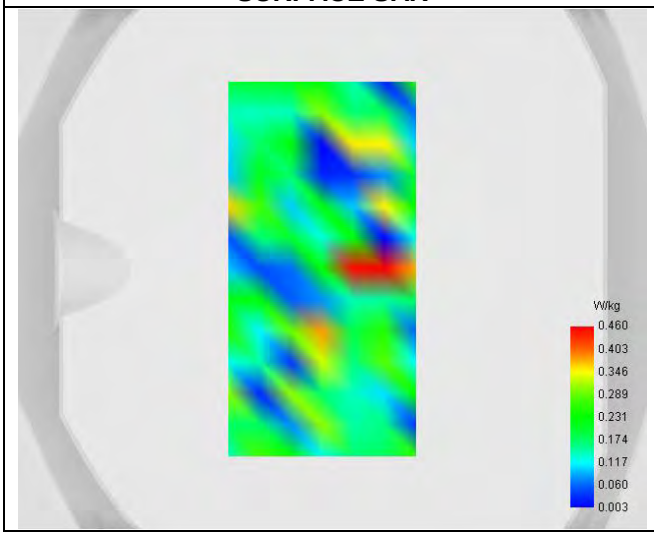
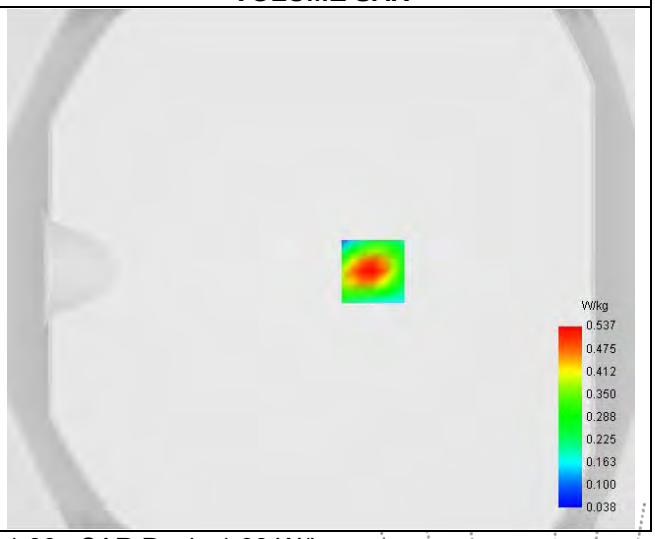
A. Experimental conditions.

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)	5180.000
Relative permitivity (real part)	35.934
Relative permitivity (imaginary part)	16.130
Conductivity (S/m)	4.501

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

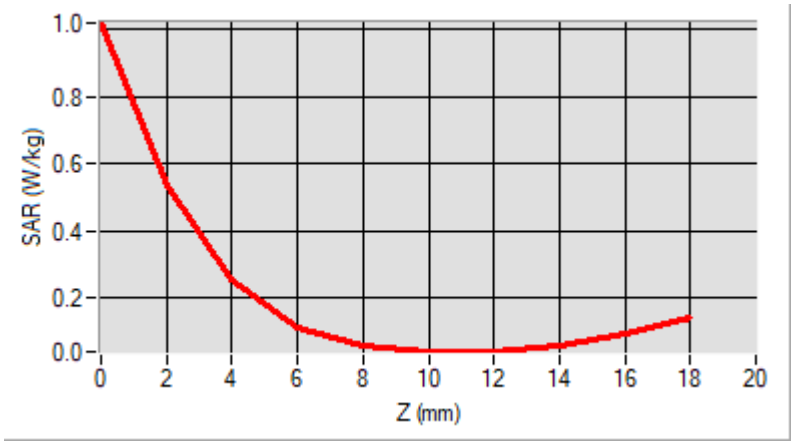
Maximum location: X=20.00, Y=-1.00 ; SAR Peak: 1.03 W/kg

D. SAR 1g & 10g

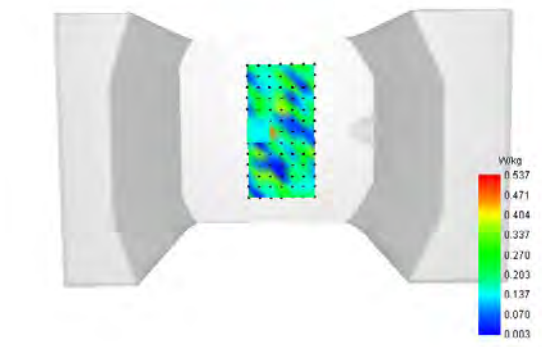
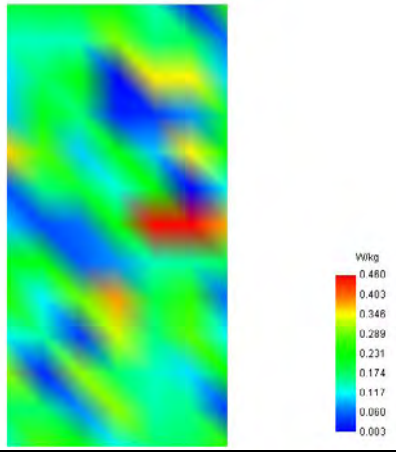
SAR 10g (W/Kg)	0.150
SAR 1g (W/Kg)	0.351
Variation (%)	-3.780
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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)	1.021	0.537	0.251	0.112	0.056	0.038	0.040	0.057	0.090



F. 3D Image

3D screen shot	Hot spot position
	

Plot 5
Date of measurement: 6/1/2025

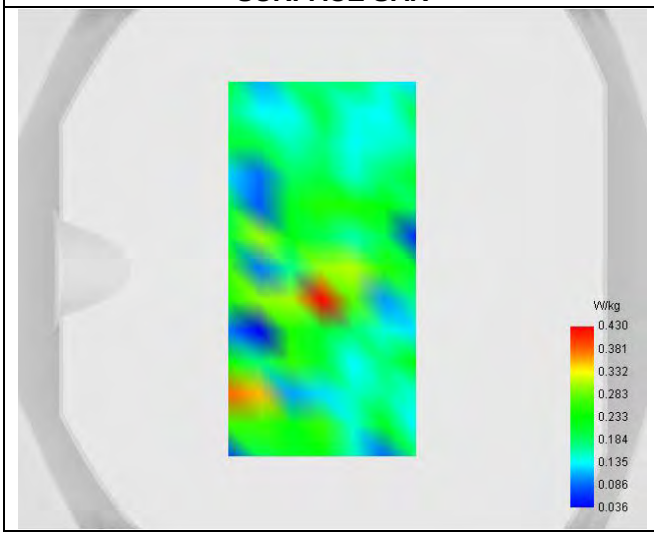
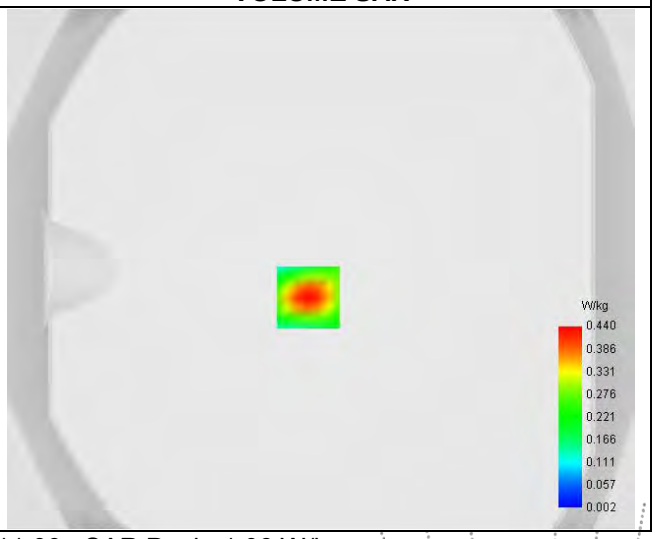
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.15
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Validation plane
Device Position	Body
Band	5800
Signal	--

B. Permitivity

Frequency (MHz)	5745.000
Relative permitivity (real part)	34.829
Relative permitivity (imaginary part)	16.344
Conductivity (S/m)	5.335

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

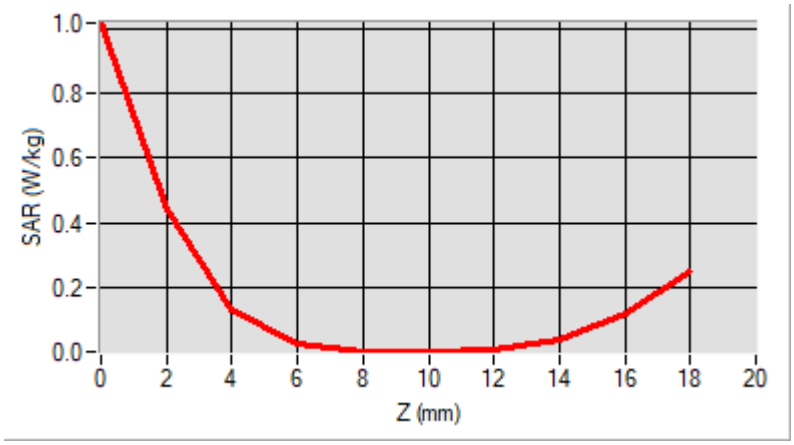
Maximum location: X=-5.00, Y=-11.00 ; SAR Peak: 1.08 W/kg

D. SAR 1g & 10g

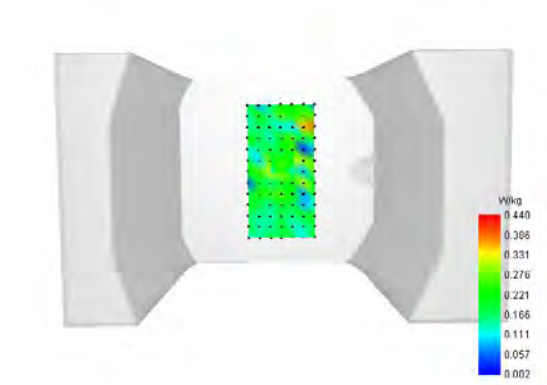
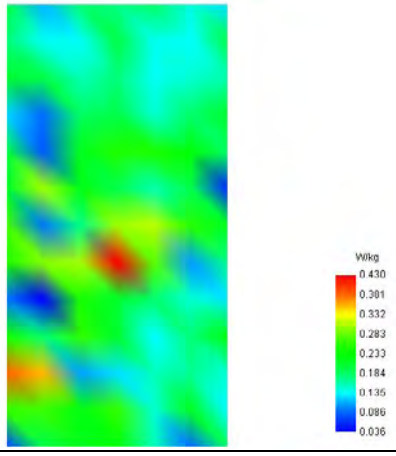
SAR 10g (W/Kg)	0.156
SAR 1g (W/Kg)	0.363
Variation (%)	2.410
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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)	1.015	0.440	0.130	0.024	0.003	0.002	0.009	0.041	0.118



F. 3D Image

3D screen shot	Hot spot position
	

Plot 6

Date of measurement: 6/1/2025

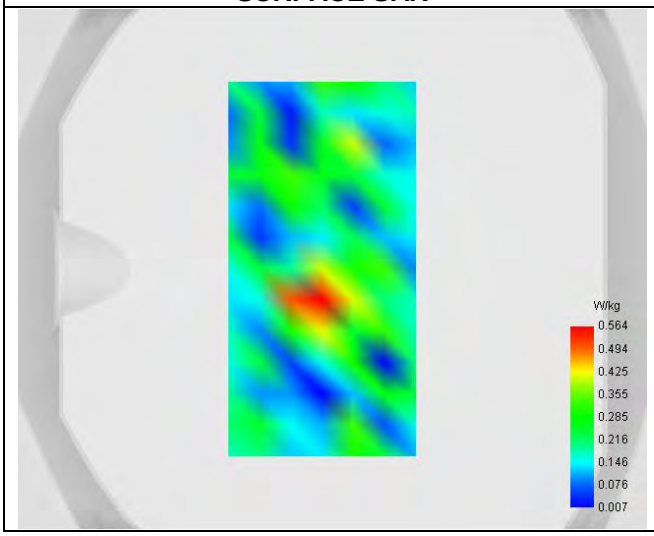
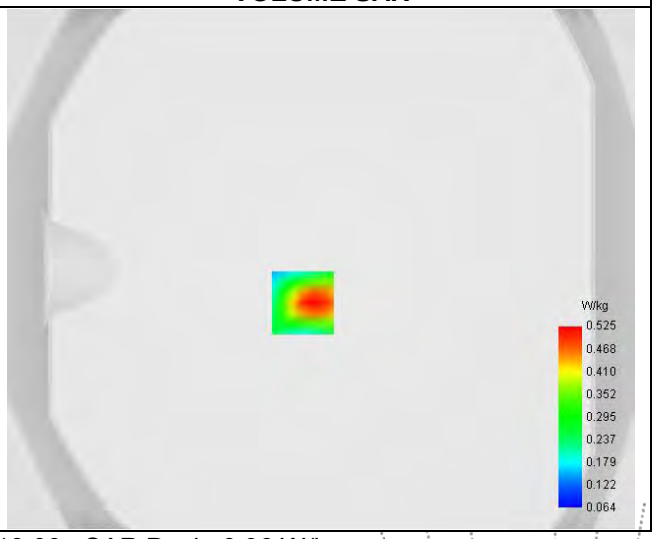
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.15
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Validation plane
Device Position	Body
Band	5800
Signal	--

B. Permitivity

Frequency (MHz)	5745.000
Relative permitivity (real part)	34.829
Relative permitivity (imaginary part)	16.344
Conductivity (S/m)	5.335

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

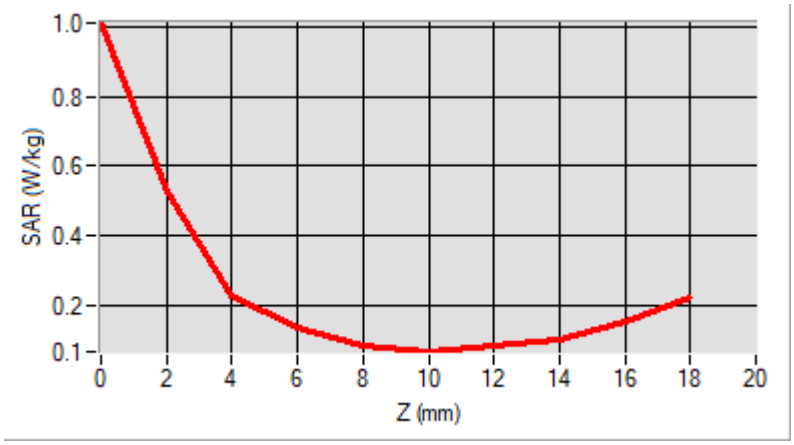
Maximum location: X=-7.00, Y=-13.00 ; SAR Peak: 0.96 W/kg

D. SAR 1g & 10g

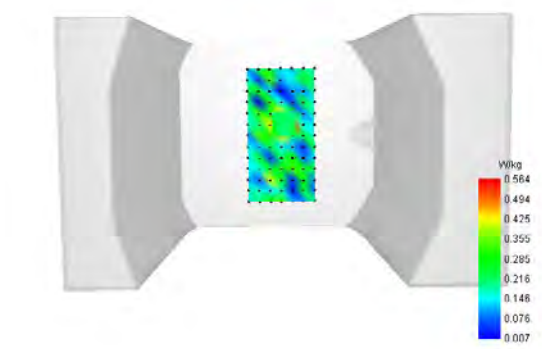
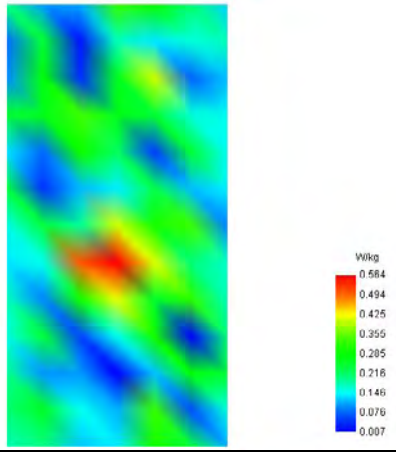
SAR 10g (W/Kg)	0.153
SAR 1g (W/Kg)	0.357
Variation (%)	-2.130
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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)	1.011	0.525	0.229	0.136	0.084	0.067	0.082	0.103	0.152



F. 3D Image

3D screen shot	Hot spot position
	

Plot 7

Date of measurement: 22/1/2025

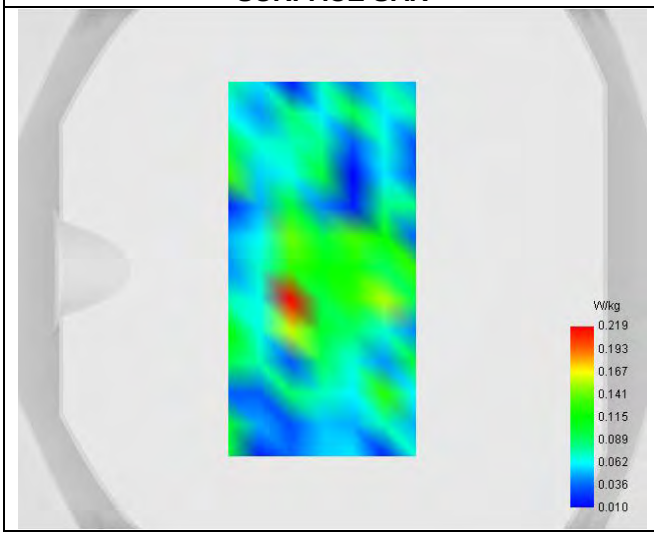
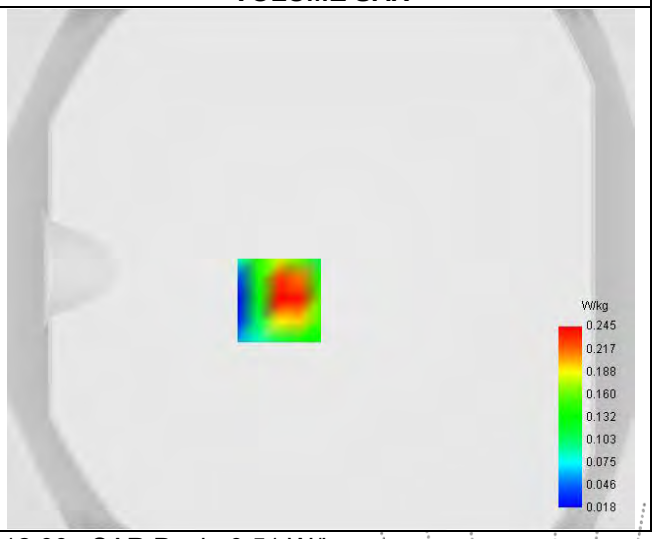
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	GPRS850
Signal	TDMA (GPRS)

B. Permitivity

Frequency (MHz)	824.200
Relative permitivity (real part)	42.233
Relative permitivity (imaginary part)	19.400
Conductivity (S/m)	0.995

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

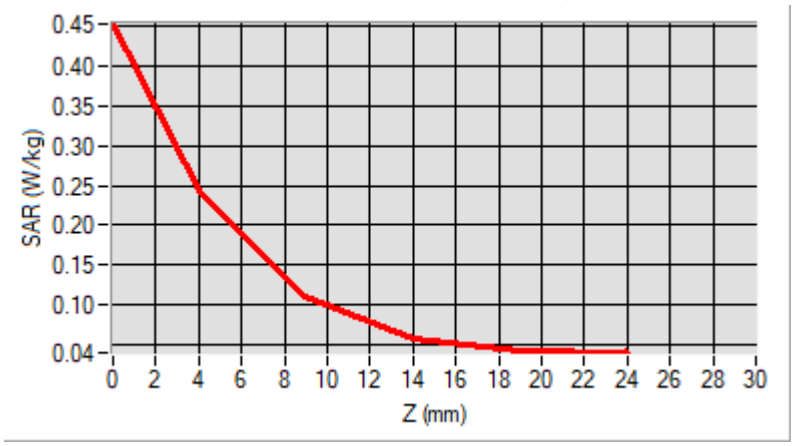
Maximum location: X=-16.00, Y=-12.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

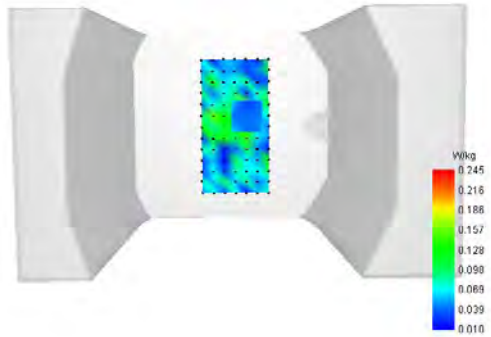
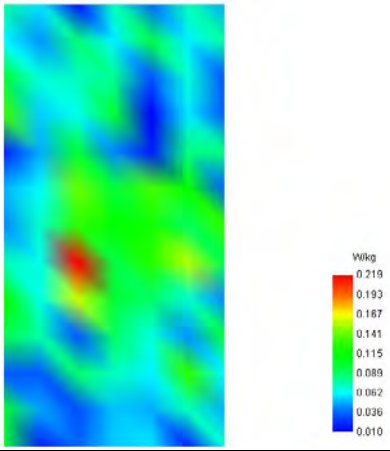
SAR 10g (W/Kg)	0.097
SAR 1g (W/Kg)	0.139
Variation (%)	2.560
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.453	0.245	0.110	0.057	0.042



F. 3D Image

3D screen shot	Hot spot position
	

Plot 8
Date of measurement: 8/2/2025

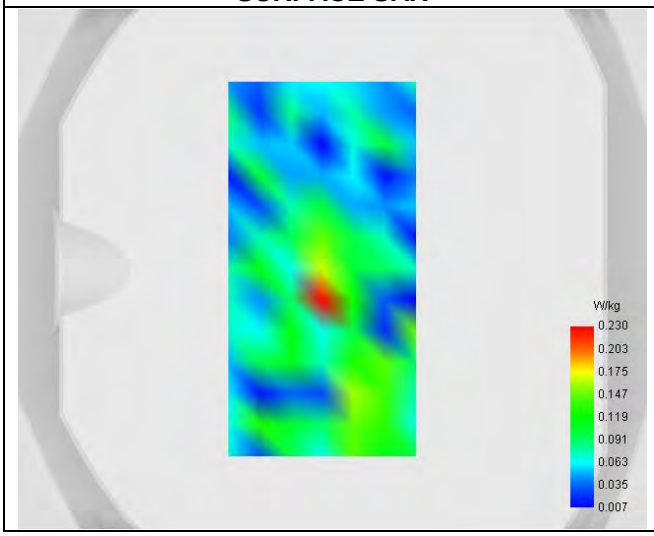
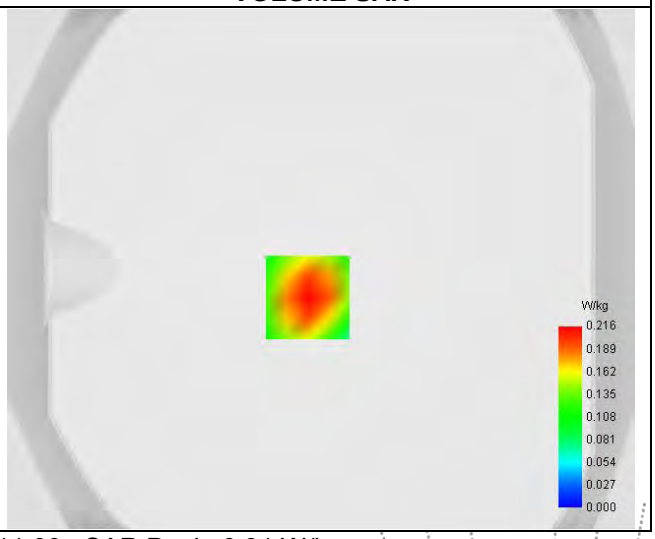
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Signal	TDMA (GPRS)

B. Permitivity

Frequency (MHz)	1850.200
Relative permitivity (real part)	41.598
Relative permitivity (imaginary part)	13.408
Conductivity (S/m)	1.352

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

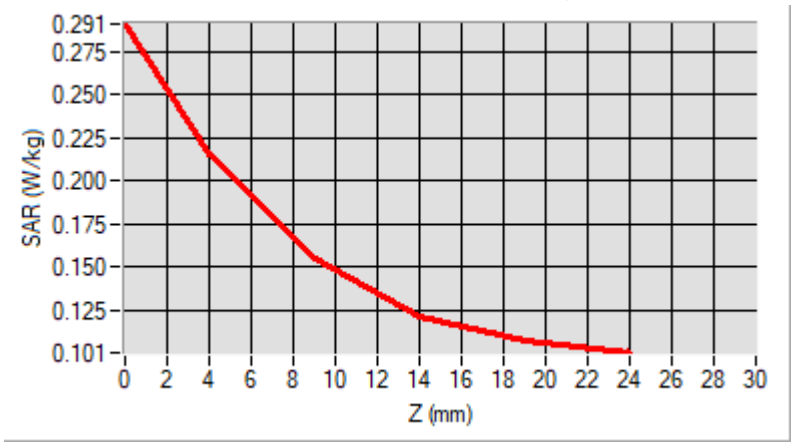
Maximum location: X=-5.00, Y=-11.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

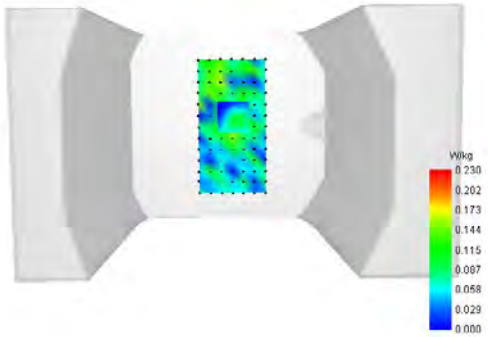
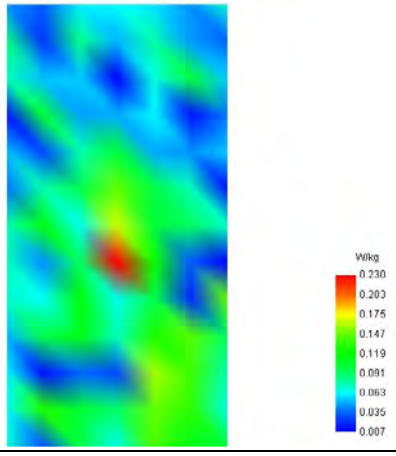
SAR 10g (W/Kg)	0.139
SAR 1g (W/Kg)	0.209
Variation (%)	-1.210
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.291	0.216	0.155	0.122	0.107



F. 3D Image

3D screen shot	Hot spot position
	

Plot 9

Date of measurement: 23/1/2025

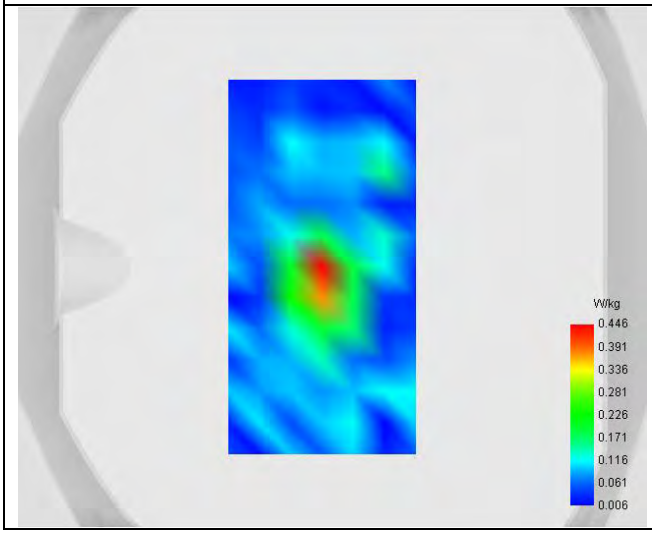
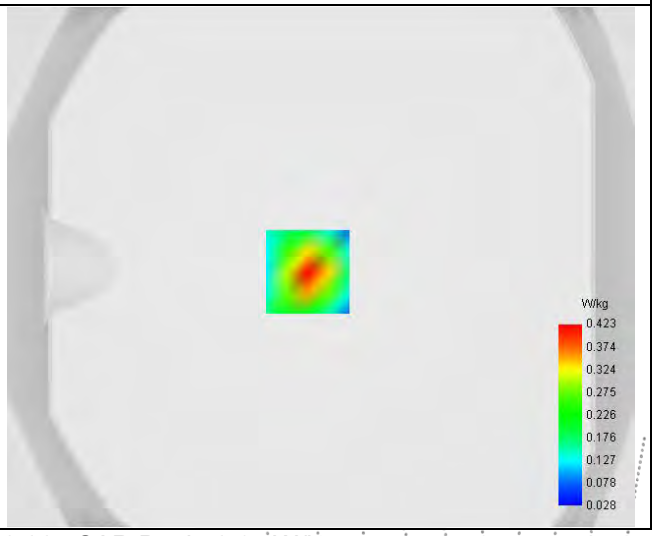
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permitivity

Frequency (MHz)	1880.000
Relative permitivity (real part)	38.853
Relative permitivity (imaginary part)	13.408
Conductivity (S/m)	1.384

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

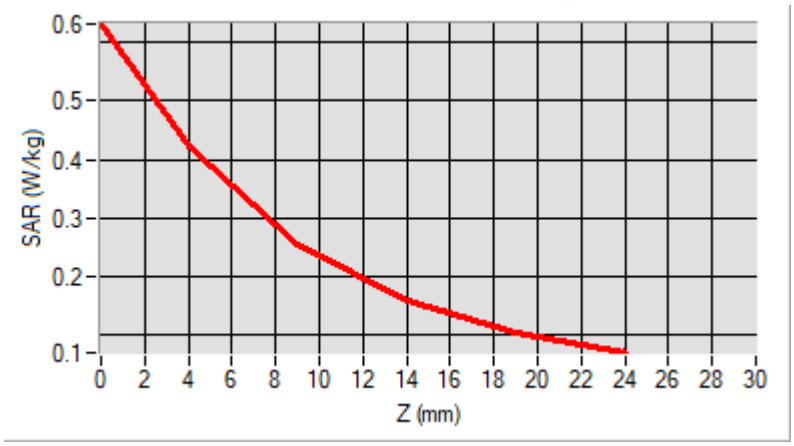
Maximum location: X=-5.00, Y=-2.00 ; SAR Peak: 0.64 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.183
SAR 1g (W/Kg)	0.213
Variation (%)	3.510
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)	0.632	0.423	0.254	0.157	0.103



F. 3D Image

3D screen shot	Hot spot position