Band4	20	20050	1	#0	QPSK	22.53	0.34	22.87	PASS
Band4	20	20050	1	#Mid	QPSK	23.09	0.34	23.43	PASS
Band4	20	20050	1	#Max	QPSK	22.65	0.34	22.99	PASS
Band4	20	20050	50	#0	QPSK	22.01	0.34	22.35	PASS
Band4	20	20050	50	#Mid	QPSK	22.01	0.34	22.35	PASS
Band4	20	20050	50	#Max	QPSK	21.99	0.34	22.33	PASS
Band4	20	20050	100	#0	QPSK	22.01	0.34	22.35	PASS
Band4	20	20050	1	#0	16QAM	21.91	0.34	22.25	PASS
Band4	20	20050	1	#Mid	16QAM	22.46	0.34	22.80	PASS
Band4	20	20050	1	#Max	16QAM	21.99	0.34	22.33	PASS
Band4	20	20050	50	#0	16QAM	21.06	0.34	21.40	PASS
Band4	20	20050	50	#Mid	16QAM	21.07	0.34	21.41	PASS
Band4	20	20050	50	#Max	16QAM	21.05	0.34	21.39	PASS
Band4	20	20050	100	#0	16QAM	21.04	0.34	21.38	PASS
Band4	20	20175	1	#0	QPSK	22.69	0.34	23.03	PASS
Band4	20	20175	1	#Mid	QPSK	23.14	0.34	23.48	PASS
Band4	20	20175	1	#Max	QPSK	22.71	0.34	23.05	PASS
Band4	20	20175	50	#0	QPSK	21.87	0.34	22.21	PASS
Band4	20	20175	50	#Mid	QPSK	21.98	0.34	22.32	PASS
Band4	20	20175	50	#Max	QPSK	21.87	0.34	22.21	PASS
Band4	20	20175	100	#0	QPSK	21.87	0.34	22.21	PASS
Band4	20	20175	1	#0	16QAM	22.02	0.34	22.36	PASS
Band4	20	20175	1	#Mid	16QAM	22.31	0.34	22.65	PASS
Band4	20	20175	1	#Max	16QAM	21.87	0.34	22.21	PASS
Band4	20	20175	50	#0	16QAM	20.87	0.34	21.21	PASS
Band4	20	20175	50	#Mid	16QAM	20.97	0.34	21.31	PASS
Band4	20	20175	50	#Max	16QAM	20.87	0.34	21.21	PASS
Band4	20	20175	100	#0	16QAM	20.90	0.34	21.24	PASS
Band4	20	20300	1	#0	QPSK	22.61	0.34	22.95	PASS
Band4	20	20300	1	#Mid	QPSK	23.10	0.34	23.44	PASS
Band4	20	20300	1	#Max	QPSK	22.69	0.34	23.03	PASS
Band4	20	20300	50	#0	QPSK	22.05	0.34	22.39	PASS
Band4	20	20300	50	#Mid	QPSK	21.99	0.34	22.33	PASS
Band4	20	20300	50	#Max	QPSK	21.80	0.34	22.14	PASS
Band4	20	20300	100	#0	QPSK	21.95	0.34	22.29	PASS
Band4	20	20300	1	#0	16QAM	21.87	0.34	22.21	PASS
Band4	20	20300	1	#Mid	16QAM	22.24	0.34	22.58	PASS
Band4	20	20300	1	#Max	16QAM	21.91	0.34	22.25	PASS
Band4	20	20300	50	#0	16QAM	21.11	0.34	21.45	PASS
Band4	20	20300	50	#Mid	16QAM	21.06	0.34	21.40	PASS
Band4	20	20300	50	#Max	16QAM	20.86	0.34	21.20	PASS
Band4	20	20300	100	#0	16QAM	20.98	0.34	21.32	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	23.80	-2.46	19.19	PASS
Band5	1.4	20407	1	#Mid	QPSK	24.00	-2.46	19.39	PASS
Band5	1.4	20407	1	#Max	QPSK	23.87	-2.46	19.26	PASS
Band5	1.4	20407	3	#0	QPSK	23.80	-2.46	19.19	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.84	-2.46	19.23	PASS
Band5	1.4	20407	3	#Max	QPSK	23.84	-2.46	19.23	PASS
Band5	1.4	20407	6	#0	QPSK	22.91	-2.46	18.30	PASS
Band5	1.4	20407	1	#0	16QAM	22.60	-2.46	17.99	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.79	-2.46	18.18	PASS
Band5	1.4	20407	1	#Max	16QAM	22.66	-2.46	18.05	PASS
Band5	1.4	20407	3	#0	16QAM	22.95	-2.46	18.34	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.95	-2.46	18.34	PASS
Band5	1.4	20407	3	#Max	16QAM	23.00	-2.46	18.39	PASS
Band5	1.4	20407	6	#0	16QAM	22.03	-2.46	17.42	PASS
Band5	1.4	20525	1	#0	QPSK	24.15	-2.46	19.54	PASS
Band5	1.4	20525	1	#Mid	QPSK	24.25	-2.46	19.64	PASS
Band5	1.4	20525	1	#Max	QPSK	24.11	-2.46	19.50	PASS
Band5	1.4	20525	3	#0	QPSK	24.05	-2.46	19.44	PASS
Band5	1.4	20525	3	#Mid	QPSK	24.07	-2.46	19.46	PASS
Band5	1.4	20525	3	#Max	QPSK	24.08	-2.46	19.47	PASS
Band5	1.4	20525	6	#0	QPSK	23.16	-2.46	18.55	PASS
Band5	1.4	20525	1	#0	16QAM	23.24	-2.46	18.63	PASS
Band5	1.4	20525	1	#Mid	16QAM	23.35	-2.46	18.74	PASS
Band5	1.4	20525	1	#Max	16QAM	23.25	-2.46	18.64	PASS
Band5	1.4	20525	3	#0	16QAM	23.32	-2.46	18.71	PASS
Band5	1.4	20525	3	#Mid	16QAM	23.32	-2.46	18.71	PASS
Band5	1.4	20525	3	#Max	16QAM	23.28	-2.46	18.67	PASS
Band5	1.4	20525	6	#0	16QAM	22.26	-2.46	17.65	PASS
Band5	1.4	20643	1	#0	QPSK	23.78	-2.46	19.17	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.99	-2.46	19.38	PASS
Band5	1.4	20643	1	#Max	QPSK	23.73	-2.46	19.12	PASS
Band5	1.4	20643	3	#0	QPSK	23.89	-2.46	19.28	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.84	-2.46	19.23	PASS
Band5	1.4	20643	3	#Max	QPSK	23.87	-2.46	19.26	PASS
Band5	1.4	20643	6	#0	QPSK	22.94	-2.46	18.33	PASS
Band5	1.4	20643	1	#0	16QAM	22.99	-2.46	18.38	PASS
Band5	1.4	20643	1	#Mid	16QAM	23.15	-2.46	18.54	PASS
Band5	1.4	20643	1	#Max	16QAM	23.03	-2.46	18.42	PASS
Band5	1.4	20643	3	#0	16QAM	23.14	-2.46	18.53	PASS
Band5	1.4	20643	3	#Mid	16QAM	23.15	-2.46	18.54	PASS
Band5	1.4	20643	3	#Max	16QAM	23.11	-2.46	18.50	PASS
Band5	1.4	20643	6	#0	16QAM	22.05	-2.46	17.44	PASS
Band5	3	20415	1	#0	QPSK	23.82	-2.46	19.21	PASS
Band5	3	20415	1	#Mid	QPSK	24.09	-2.46	19.48	PASS
Band5	3	20415	1	#Max	QPSK	23.92	-2.46	19.31	PASS
Band5	3	20415	8	#0	QPSK	22.99	-2.46	18.38	PASS
Band5	3	20415	8	#Mid	QPSK	23.00	-2.46	18.39	PASS
Band5	3	20415	8	#Max	QPSK	23.01	-2.46	18.40	PASS
Band5	3	20415	15	#0	QPSK	22.93	-2.46	18.32	PASS
Band5	3	20415	1	#0	16QAM	23.21	-2.46	18.60	PASS
Band5	3	20415	1	#Mid	16QAM	23.56	-2.46	18.95	PASS
Band5	3	20415	1	#Max	16QAM	23.34	-2.46	18.73	PASS
Band5	3	20415	8	#0	16QAM	21.95	-2.46	17.34	PASS
Band5	3	20415	8	#Mid	16QAM	21.97	-2.46	17.36	PASS
Band5	3	20415	8	#Max	16QAM	21.97	-2.46	17.36	PASS
Band5	3	20415	15	#0	16QAM	21.92	-2.46	17.31	PASS
Band5	3	20525	1	#0	QPSK	24.09	-2.46	19.48	PASS
Band5	3	20525	1	#Mid	QPSK	24.37	-2.46	19.76	PASS
Band5	3	20525	1	#Max	QPSK	24.10	-2.46	19.49	PASS
Band5	3	20525	8	#0	QPSK	23.14	-2.46	18.53	PASS
Band5	3	20525	8	#Mid	QPSK	23.20	-2.46	18.59	PASS
Band5	3	20525	8	#Max	QPSK	23.20	-2.46	18.59	PASS
Band5	3	20525	15	#0	QPSK	23.15	-2.46	18.54	PASS
Band5	3	20525	1	#0	16QAM	23.34	-2.46	18.73	PASS
Band5	3	20525	1	#Mid	16QAM	23.67	-2.46	19.06	PASS
Band5	3	20525	1	#Max	16QAM	23.32	-2.46	18.71	PASS
Band5	3	20525	8	#0	16QAM	22.14	-2.46	17.53	PASS
Band5	3	20525	8	#Mid	16QAM	22.23	-2.46	17.62	PASS

Band5	3	20525	8	#Max	16QAM	22.17	-2.46	17.56	PASS
Band5	3	20525	15	#0	16QAM	22.07	-2.46	17.46	PASS
Band5	3	20635	1	#0	QPSK	24.02	-2.46	19.41	PASS
Band5	3	20635	1	#Mid	QPSK	24.37	-2.46	19.76	PASS
Band5	3	20635	1	#Max	QPSK	23.97	-2.46	19.36	PASS
Band5	3	20635	8	#0	QPSK	22.97	-2.46	18.36	PASS
Band5	3	20635	8	#Mid	QPSK	23.06	-2.46	18.45	PASS
Band5	3	20635	8	#Max	QPSK	23.04	-2.46	18.43	PASS
Band5	3	20635	15	#0	QPSK	23.01	-2.46	18.40	PASS
Band5	3	20635	1	#0	16QAM	22.90	-2.46	18.29	PASS
Band5	3	20635	1	#Mid	16QAM	23.21	-2.46	18.60	PASS
Band5	3	20635	1	#Max	16QAM	22.77	-2.46	18.16	PASS
Band5	3	20635	8	#0	16QAM	21.93	-2.46	17.32	PASS
Band5	3	20635	8	#Mid	16QAM	21.98	-2.46	17.37	PASS
Band5	3	20635	8	#Max	16QAM	21.96	-2.46	17.35	PASS
Band5	3	20635	15	#0	16QAM	22.05	-2.46	17.44	PASS
Band5	5	20425	1	#0	QPSK	23.62	-2.46	19.01	PASS
Band5	5	20425	1	#Mid	QPSK	24.06	-2.46	19.45	PASS
Band5	5	20425	1	#Max	QPSK	23.84	-2.46	19.23	PASS
Band5	5	20425	12	#0	QPSK	22.90	-2.46	18.29	PASS
Band5	5	20425	12	#Mid	QPSK	22.93	-2.46	18.32	PASS
Band5	5	20425	12	#Max	QPSK	22.91	-2.46	18.30	PASS
Band5	5	20425	25	#0	QPSK	22.91	-2.46	18.30	PASS
Band5	5	20425	1	#0	16QAM	23.12	-2.46	18.51	PASS
Band5	5	20425	1	#Mid	16QAM	23.61	-2.46	19.00	PASS
Band5	5	20425	1	#Max	16QAM	23.40	-2.46	18.79	PASS
Band5	5	20425	12	#0	16QAM	21.87	-2.46	17.26	PASS
Band5	5	20425	12	#Mid	16QAM	21.90	-2.46	17.29	PASS
Band5	5	20425	12	#Max	16QAM	21.86	-2.46	17.25	PASS
Band5	5	20425	25	#0	16QAM	21.86	-2.46	17.25	PASS
Band5	5	20525	1	#0	QPSK	23.90	-2.46	19.29	PASS
Band5	5	20525	1	#Mid	QPSK	24.34	-2.46	19.73	PASS
Band5	5	20525	1	#Max	QPSK	23.91	-2.46	19.30	PASS
Band5	5	20525	12	#0	QPSK	22.97	-2.46	18.36	PASS
Band5	5	20525	12	#Mid	QPSK	23.10	-2.46	18.49	PASS
Band5	5	20525	12	#Max	QPSK	23.01	-2.46	18.40	PASS
Band5	5	20525	25	#0	QPSK	23.04	-2.46	18.43	PASS
Band5	5	20525	1	#0	16QAM	23.30	-2.46	18.69	PASS
Band5	5	20525	1	#Mid	16QAM	23.67	-2.46	19.06	PASS
Band5	5	20525	1	#Max	16QAM	23.26	-2.46	18.65	PASS
Band5	5	20525	12	#0	16QAM	21.88	-2.46	17.27	PASS
Band5	5	20525	12	#Mid	16QAM	22.02	-2.46	17.41	PASS
Band5	5	20525	12	#Max	16QAM	21.95	-2.46	17.34	PASS
Band5	5	20525	25	#0	16QAM	22.04	-2.46	17.43	PASS
Band5	5	20625	1	#0	QPSK	23.76	-2.46	19.15	PASS
Band5	5	20625	1	#Mid	QPSK	24.16	-2.46	19.55	PASS
Band5	5	20625	1	#Max	QPSK	23.66	-2.46	19.05	PASS
Band5	5	20625	12	#0	QPSK	22.93	-2.46	18.32	PASS
Band5	5	20625	12	#Mid	QPSK	22.97	-2.46	18.36	PASS
Band5	5	20625	12	#Max	QPSK	22.96	-2.46	18.35	PASS
Band5	5	20625	25	#0	QPSK	23.00	-2.46	18.39	PASS
Band5	5	20625	1	#0	16QAM	23.14	-2.46	18.53	PASS
Band5	5	20625	1	#Mid	16QAM	23.46	-2.46	18.85	PASS
Band5	5	20625	1	#Max	16QAM	23.04	-2.46	18.43	PASS
Band5	5	20625	12	#0	16QAM	21.94	-2.46	17.33	PASS
Band5	5	20625	12	#Mid	16QAM	21.97	-2.46	17.36	PASS
Band5	5	20625	12	#Max	16QAM	22.02	-2.46	17.41	PASS
Band5	5	20625	25	#0	16QAM	21.92	-2.46	17.31	PASS
Band5	10	20450	1	#0	QPSK	23.74	-2.46	19.13	PASS
Band5	10	20450	1	#Mid	QPSK	24.20	-2.46	19.59	PASS
Band5	10	20450	1	#Max	QPSK	24.04	-2.46	19.43	PASS
Band5	10	20450	25	#0	QPSK	23.14	-2.46	18.53	PASS
Band5	10	20450	25	#Mid	QPSK	23.14	-2.46	18.53	PASS
Band5	10	20450	25	#Max	QPSK	23.23	-2.46	18.62	PASS
Band5	10	20450	50	#0	QPSK	23.17	-2.46	18.56	PASS
Band5	10	20450	1	#0	16QAM	23.15	-2.46	18.54	PASS
Band5	10	20450	1	#Mid	16QAM	23.58	-2.46	18.97	PASS
Band5	10	20450	1	#Max	16QAM	23.48	-2.46	18.87	PASS
Band5	10	20450	25	#0	16QAM	22.14	-2.46	17.53	PASS
Band5	10	20450	25	#Mid	16QAM	22.10	-2.46	17.49	PASS
Band5	10	20450	25	#Max	16QAM	22.22	-2.46	17.61	PASS

Band5	10	20450	50	#0	16QAM	22.15	-2.46	17.54	PASS
Band5	10	20525	1	#0	QPSK	24.06	-2.46	19.45	PASS
Band5	10	20525	1	#Mid	QPSK	24.29	-2.46	19.68	PASS
Band5	10	20525	1	#Max	QPSK	24.02	-2.46	19.41	PASS
Band5	10	20525	25	#0	QPSK	23.12	-2.46	18.51	PASS
Band5	10	20525	25	#Mid	QPSK	23.16	-2.46	18.55	PASS
Band5	10	20525	25	#Max	QPSK	23.10	-2.46	18.49	PASS
Band5	10	20525	50	#0	QPSK	23.06	-2.46	18.45	PASS
Band5	10	20525	1	#0	16QAM	22.95	-2.46	18.34	PASS
Band5	10	20525	1	#Mid	16QAM	23.16	-2.46	18.55	PASS
Band5	10	20525	1	#Max	16QAM	22.85	-2.46	18.24	PASS
Band5	10	20525	25	#0	16QAM	22.05	-2.46	17.44	PASS
Band5	10	20525	25	#Mid	16QAM	0.00	-2.46	-4.61	PASS
Band5	10	20525	25	#Max	16QAM	0.00	-2.46	-4.61	PASS
Band5	10	20525	50	#0	16QAM	0.00	-2.46	-4.61	PASS
Band5	10	20600	1	#0	QPSK	24.01	-2.46	19.40	PASS
Band5	10	20600	1	#Mid	QPSK	24.12	-2.46	19.51	PASS
Band5	10	20600	1	#Max	QPSK	23.85	-2.46	19.24	PASS
Band5	10	20600	25	#0	QPSK	23.36	-2.46	18.75	PASS
Band5	10	20600	25	#Mid	QPSK	23.09	-2.46	18.48	PASS
Band5	10	20600	25	#Max	QPSK	23.10	-2.46	18.49	PASS
Band5	10	20600	50	#0	QPSK	23.23	-2.46	18.62	PASS
Band5	10	20600	1	#0	16QAM	23.21	-2.46	18.60	PASS
Band5	10	20600	1	#Mid	16QAM	23.30	-2.46	18.69	PASS
Band5	10	20600	1	#Max	16QAM	23.06	-2.46	18.45	PASS
Band5	10	20600	25	#0	16QAM	22.35	-2.46	17.74	PASS
Band5	10	20600	25	#Mid	16QAM	22.10	-2.46	17.49	PASS
Band5	10	20600	25	#Max	16QAM	22.10	-2.46	17.49	PASS
Band5	10	20600	50	#0	16QAM	22.27	-2.46	17.66	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	21.79	-0.54	21.25	PASS
Band7	5	20775	1	#Mid	QPSK	22.19	-0.54	21.65	PASS
Band7	5	20775	1	#Max	QPSK	21.79	-0.54	21.25	PASS
Band7	5	20775	12	#0	QPSK	20.83	-0.54	20.29	PASS
Band7	5	20775	12	#Mid	QPSK	20.90	-0.54	20.36	PASS
Band7	5	20775	12	#Max	QPSK	20.84	-0.54	20.30	PASS
Band7	5	20775	25	#0	QPSK	20.88	-0.54	20.34	PASS
Band7	5	20775	1	#0	16QAM	21.30	-0.54	20.76	PASS
Band7	5	20775	1	#Mid	16QAM	21.68	-0.54	21.14	PASS
Band7	5	20775	1	#Max	16QAM	21.30	-0.54	20.76	PASS
Band7	5	20775	12	#0	16QAM	19.91	-0.54	19.37	PASS
Band7	5	20775	12	#Mid	16QAM	20.01	-0.54	19.47	PASS
Band7	5	20775	12	#Max	16QAM	19.95	-0.54	19.41	PASS
Band7	5	20775	25	#0	16QAM	19.95	-0.54	19.41	PASS
Band7	5	21100	1	#0	QPSK	21.78	-0.54	21.24	PASS
Band7	5	21100	1	#Mid	QPSK	22.13	-0.54	21.59	PASS
Band7	5	21100	1	#Max	QPSK	21.70	-0.54	21.16	PASS
Band7	5	21100	12	#0	QPSK	20.86	-0.54	20.32	PASS
Band7	5	21100	12	#Mid	QPSK	20.90	-0.54	20.36	PASS
Band7	5	21100	12	#Max	QPSK	20.72	-0.54	20.18	PASS
Band7	5	21100	25	#0	QPSK	20.84	-0.54	20.30	PASS
Band7	5	21100	1	#0	16QAM	21.14	-0.54	20.60	PASS
Band7	5	21100	1	#Mid	16QAM	21.48	-0.54	20.94	PASS
Band7	5	21100	1	#Max	16QAM	21.07	-0.54	20.53	PASS
Band7	5	21100	12	#0	16QAM	19.95	-0.54	19.41	PASS
Band7	5	21100	12	#Mid	16QAM	19.98	-0.54	19.44	PASS
Band7	5	21100	12	#Max	16QAM	19.82	-0.54	19.28	PASS
Band7	5	21100	25	#0	16QAM	20.00	-0.54	19.46	PASS
Band7	5	21425	1	#0	QPSK	21.49	-0.54	20.95	PASS
Band7	5	21425	1	#Mid	QPSK	21.90	-0.54	21.36	PASS
Band7	5	21425	1	#Max	QPSK	21.46	-0.54	20.92	PASS
Band7	5	21425	12	#0	QPSK	20.72	-0.54	20.18	PASS
Band7	5	21425	12	#Mid	QPSK	20.68	-0.54	20.14	PASS
Band7	5	21425	12	#Max	QPSK	20.54	-0.54	20.00	PASS
Band7	5	21425	25	#0	QPSK	20.66	-0.54	20.12	PASS
Band7	5	21425	1	#0	16QAM	20.88	-0.54	20.34	PASS
Band7	5	21425	1	#Mid	16QAM	21.23	-0.54	20.69	PASS
Band7	5	21425	1	#Max	16QAM	20.84	-0.54	20.30	PASS
Band7	5	21425	12	#0	16QAM	19.84	-0.54	19.30	PASS
Band7	5	21425	12	#Mid	16QAM	19.87	-0.54	19.33	PASS
Band7	5	21425	12	#Max	16QAM	19.63	-0.54	19.09	PASS
Band7	5	21425	25	#0	16QAM	19.77	-0.54	19.23	PASS
Band7	10	20800	1	#0	QPSK	21.81	-0.54	21.27	PASS
Band7	10	20800	1	#Mid	QPSK	22.01	-0.54	21.47	PASS
Band7	10	20800	1	#Max	QPSK	21.87	-0.54	21.33	PASS
Band7	10	20800	25	#0	QPSK	20.87	-0.54	20.33	PASS
Band7	10	20800	25	#Mid	QPSK	20.95	-0.54	20.41	PASS
Band7	10	20800	25	#Max	QPSK	21.04	-0.54	20.50	PASS
Band7	10	20800	50	#0	QPSK	20.94	-0.54	20.40	PASS
Band7	10	20800	1	#0	16QAM	21.22	-0.54	20.68	PASS
Band7	10	20800	1	#Mid	16QAM	21.38	-0.54	20.84	PASS
Band7	10	20800	1	#Max	16QAM	21.30	-0.54	20.76	PASS
Band7	10	20800	25	#0	16QAM	19.96	-0.54	19.42	PASS
Band7	10	20800	25	#Mid	16QAM	20.07	-0.54	19.53	PASS
Band7	10	20800	25	#Max	16QAM	20.17	-0.54	19.63	PASS
Band7	10	20800	50	#0	16QAM	20.06	-0.54	19.52	PASS
Band7	10	21100	1	#0	QPSK	21.92	-0.54	21.38	PASS
Band7	10	21100	1	#Mid	QPSK	22.03	-0.54	21.49	PASS
Band7	10	21100	1	#Max	QPSK	21.78	-0.54	21.24	PASS
Band7	10	21100	25	#0	QPSK	21.02	-0.54	20.48	PASS
Band7	10	21100	25	#Mid	QPSK	20.90	-0.54	20.36	PASS
Band7	10	21100	25	#Max	QPSK	20.76	-0.54	20.22	PASS
Band7	10	21100	50	#0	QPSK	20.91	-0.54	20.37	PASS
Band7	10	21100	1	#0	16QAM	21.10	-0.54	20.56	PASS
Band7	10	21100	1	#Mid	16QAM	21.19	-0.54	20.65	PASS
Band7	10	21100	1	#Max	16QAM	20.90	-0.54	20.36	PASS
Band7	10	21100	25	#0	16QAM	20.15	-0.54	19.61	PASS
Band7	10	21100	25	#Mid	16QAM	20.06	-0.54	19.52	PASS

Band7	10	21100	25	#Max	16QAM	19.88	-0.54	19.34	PASS
Band7	10	21100	50	#0	16QAM	20.10	-0.54	19.56	PASS
Band7	10	21400	1	#0	QPSK	21.63	-0.54	21.09	PASS
Band7	10	21400	1	#Mid	QPSK	21.78	-0.54	21.24	PASS
Band7	10	21400	1	#Max	QPSK	21.56	-0.54	21.02	PASS
Band7	10	21400	25	#0	QPSK	20.80	-0.54	20.26	PASS
Band7	10	21400	25	#Mid	QPSK	20.70	-0.54	20.16	PASS
Band7	10	21400	25	#Max	QPSK	20.59	-0.54	20.05	PASS
Band7	10	21400	50	#0	QPSK	20.72	-0.54	20.18	PASS
Band7	10	21400	1	#0	16QAM	21.07	-0.54	20.53	PASS
Band7	10	21400	1	#Mid	16QAM	21.23	-0.54	20.69	PASS
Band7	10	21400	1	#Max	16QAM	21.04	-0.54	20.50	PASS
Band7	10	21400	25	#0	16QAM	19.90	-0.54	19.36	PASS
Band7	10	21400	25	#Mid	16QAM	0.00	-0.54	-0.54	PASS
Band7	10	21400	25	#Max	16QAM	0.00	-0.54	-0.54	PASS
Band7	10	21400	50	#0	16QAM	0.00	-0.54	-0.54	PASS
Band7	15	20825	1	#0	QPSK	21.72	-0.54	21.18	PASS
Band7	15	20825	1	#Mid	QPSK	22.18	-0.54	21.64	PASS
Band7	15	20825	1	#Max	QPSK	21.79	-0.54	21.25	PASS
Band7	15	20825	36	#0	QPSK	20.85	-0.54	20.31	PASS
Band7	15	20825	36	#Mid	QPSK	20.99	-0.54	20.45	PASS
Band7	15	20825	36	#Max	QPSK	20.99	-0.54	20.45	PASS
Band7	15	20825	75	#0	QPSK	20.94	-0.54	20.40	PASS
Band7	15	20825	1	#0	16QAM	20.86	-0.54	20.32	PASS
Band7	15	20825	1	#Mid	16QAM	21.28	-0.54	20.74	PASS
Band7	15	20825	1	#Max	16QAM	20.99	-0.54	20.45	PASS
Band7	15	20825	36	#0	16QAM	19.96	-0.54	19.42	PASS
Band7	15	20825	36	#Mid	16QAM	20.08	-0.54	19.54	PASS
Band7	15	20825	36	#Max	16QAM	20.11	-0.54	19.57	PASS
Band7	15	20825	75	#0	16QAM	20.00	-0.54	19.46	PASS
Band7	15	21100	1	#0	QPSK	21.85	-0.54	21.31	PASS
Band7	15	21100	1	#Mid	QPSK	22.18	-0.54	21.64	PASS
Band7	15	21100	1	#Max	QPSK	21.56	-0.54	21.02	PASS
Band7	15	21100	36	#0	QPSK	20.95	-0.54	20.41	PASS
Band7	15	21100	36	#Mid	QPSK	20.87	-0.54	20.33	PASS
Band7	15	21100	36	#Max	QPSK	20.69	-0.54	20.15	PASS
Band7	15	21100	75	#0	QPSK	20.85	-0.54	20.31	PASS
Band7	15	21100	1	#0	16QAM	20.91	-0.54	20.37	PASS
Band7	15	21100	1	#Mid	16QAM	21.22	-0.54	20.68	PASS
Band7	15	21100	1	#Max	16QAM	20.67	-0.54	20.13	PASS
Band7	15	21100	36	#0	16QAM	20.05	-0.54	19.51	PASS
Band7	15	21100	36	#Mid	16QAM	19.93	-0.54	19.39	PASS
Band7	15	21100	36	#Max	16QAM	19.75	-0.54	19.21	PASS
Band7	15	21100	75	#0	16QAM	19.99	-0.54	19.45	PASS
Band7	15	21375	1	#0	QPSK	21.53	-0.54	20.99	PASS
Band7	15	21375	1	#Mid	QPSK	22.02	-0.54	21.48	PASS
Band7	15	21375	1	#Max	QPSK	21.40	-0.54	20.86	PASS
Band7	15	21375	36	#0	QPSK	20.66	-0.54	20.12	PASS
Band7	15	21375	36	#Mid	QPSK	20.69	-0.54	20.15	PASS
Band7	15	21375	36	#Max	QPSK	20.53	-0.54	19.99	PASS
Band7	15	21375	75	#0	QPSK	20.59	-0.54	20.05	PASS
Band7	15	21375	1	#0	16QAM	20.97	-0.54	20.43	PASS
Band7	15	21375	1	#Mid	16QAM	21.31	-0.54	20.77	PASS
Band7	15	21375	1	#Max	16QAM	20.86	-0.54	20.32	PASS
Band7	15	21375	36	#0	16QAM	19.75	-0.54	19.21	PASS
Band7	15	21375	36	#Mid	16QAM	19.81	-0.54	19.27	PASS
Band7	15	21375	36	#Max	16QAM	19.64	-0.54	19.10	PASS
Band7	15	21375	75	#0	16QAM	19.70	-0.54	19.16	PASS
Band7	20	20850	1	#0	QPSK	21.53	-0.54	20.99	PASS
Band7	20	20850	1	#Mid	QPSK	22.04	-0.54	21.50	PASS
Band7	20	20850	1	#Max	QPSK	21.72	-0.54	21.18	PASS
Band7	20	20850	50	#0	QPSK	20.73	-0.54	20.19	PASS
Band7	20	20850	50	#Mid	QPSK	20.94	-0.54	20.40	PASS
Band7	20	20850	50	#Max	QPSK	21.01	-0.54	20.47	PASS
Band7	20	20850	100	#0	QPSK	20.90	-0.54	20.36	PASS
Band7	20	20850	1	#0	16QAM	20.85	-0.54	20.31	PASS
Band7	20	20850	1	#Mid	16QAM	21.36	-0.54	20.82	PASS
Band7	20	20850	1	#Max	16QAM	21.00	-0.54	20.46	PASS
Band7	20	20850	50	#0	16QAM	19.91	-0.54	19.37	PASS
Band7	20	20850	50	#Mid	16QAM	20.09	-0.54	19.55	PASS
Band7	20	20850	50	#Max	16QAM	20.19	-0.54	19.65	PASS

Band7	20	20850	100	#0	16QAM	20.02	-0.54	19.48	PASS
Band7	20	21100	1	#0	QPSK	21.79	-0.54	21.25	PASS
Band7	20	21100	1	#Mid	QPSK	22.04	-0.54	21.50	PASS
Band7	20	21100	1	#Max	QPSK	21.45	-0.54	20.91	PASS
Band7	20	21100	50	#0	QPSK	21.16	-0.54	20.62	PASS
Band7	20	21100	50	#Mid	QPSK	20.89	-0.54	20.35	PASS
Band7	20	21100	50	#Max	QPSK	20.62	-0.54	20.08	PASS
Band7	20	21100	100	#0	QPSK	20.93	-0.54	20.39	PASS
Band7	20	21100	1	#0	16QAM	21.00	-0.54	20.46	PASS
Band7	20	21100	1	#Mid	16QAM	21.29	-0.54	20.75	PASS
Band7	20	21100	1	#Max	16QAM	20.75	-0.54	20.21	PASS
Band7	20	21100	50	#0	16QAM	20.25	-0.54	19.71	PASS
Band7	20	21100	50	#Mid	16QAM	20.01	-0.54	19.47	PASS
Band7	20	21100	50	#Max	16QAM	19.75	-0.54	19.21	PASS
Band7	20	21100	100	#0	16QAM	20.04	-0.54	19.50	PASS
Band7	20	21350	1	#0	QPSK	21.40	-0.54	20.86	PASS
Band7	20	21350	1	#Mid	QPSK	21.83	-0.54	21.29	PASS
Band7	20	21350	1	#Max	QPSK	21.32	-0.54	20.78	PASS
Band7	20	21350	50	#0	QPSK	20.62	-0.54	20.08	PASS
Band7	20	21350	50	#Mid	QPSK	20.69	-0.54	20.15	PASS
Band7	20	21350	50	#Max	QPSK	20.44	-0.54	19.90	PASS
Band7	20	21350	100	#0	QPSK	20.58	-0.54	20.04	PASS
Band7	20	21350	1	#0	16QAM	20.62	-0.54	20.08	PASS
Band7	20	21350	1	#Mid	16QAM	21.07	-0.54	20.53	PASS
Band7	20	21350	1	#Max	16QAM	20.55	-0.54	20.01	PASS
Band7	20	21350	50	#0	16QAM	19.77	-0.54	19.23	PASS
Band7	20	21350	50	#Mid	16QAM	19.84	-0.54	19.30	PASS
Band7	20	21350	50	#Max	16QAM	19.57	-0.54	19.03	PASS
Band7	20	21350	100	#0	16QAM	19.69	-0.54	19.15	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	23.48	-2.67	18.66	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.61	-2.67	18.79	PASS
Band12	1.4	23017	1	#Max	QPSK	23.49	-2.67	18.67	PASS
Band12	1.4	23017	3	#0	QPSK	23.43	-2.67	18.61	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.45	-2.67	18.63	PASS
Band12	1.4	23017	3	#Max	QPSK	23.47	-2.67	18.65	PASS
Band12	1.4	23017	6	#0	QPSK	22.39	-2.67	17.57	PASS
Band12	1.4	23017	1	#0	16QAM	22.49	-2.67	17.67	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.57	-2.67	17.75	PASS
Band12	1.4	23017	1	#Max	16QAM	22.51	-2.67	17.69	PASS
Band12	1.4	23017	3	#0	16QAM	22.61	-2.67	17.79	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.62	-2.67	17.80	PASS
Band12	1.4	23017	3	#Max	16QAM	22.59	-2.67	17.77	PASS
Band12	1.4	23017	6	#0	16QAM	21.63	-2.67	16.81	PASS
Band12	1.4	23095	1	#0	QPSK	23.41	-2.67	18.59	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.58	-2.67	18.76	PASS
Band12	1.4	23095	1	#Max	QPSK	23.38	-2.67	18.56	PASS
Band12	1.4	23095	3	#0	QPSK	23.55	-2.67	18.73	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.57	-2.67	18.75	PASS
Band12	1.4	23095	3	#Max	QPSK	23.57	-2.67	18.75	PASS
Band12	1.4	23095	6	#0	QPSK	22.48	-2.67	17.66	PASS
Band12	1.4	23095	1	#0	16QAM	22.62	-2.67	17.80	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.75	-2.67	17.93	PASS
Band12	1.4	23095	1	#Max	16QAM	22.60	-2.67	17.78	PASS
Band12	1.4	23095	3	#0	16QAM	22.74	-2.67	17.92	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.73	-2.67	17.91	PASS
Band12	1.4	23095	3	#Max	16QAM	22.75	-2.67	17.93	PASS
Band12	1.4	23095	6	#0	16QAM	21.68	-2.67	16.86	PASS
Band12	1.4	23173	1	#0	QPSK	23.52	-2.67	18.70	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.62	-2.67	18.80	PASS
Band12	1.4	23173	1	#Max	QPSK	23.49	-2.67	18.67	PASS
Band12	1.4	23173	3	#0	QPSK	23.57	-2.67	18.75	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.51	-2.67	18.69	PASS
Band12	1.4	23173	3	#Max	QPSK	23.48	-2.67	18.66	PASS
Band12	1.4	23173	6	#0	QPSK	22.46	-2.67	17.64	PASS
Band12	1.4	23173	1	#0	16QAM	22.31	-2.67	17.49	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.39	-2.67	17.57	PASS
Band12	1.4	23173	1	#Max	16QAM	22.21	-2.67	17.39	PASS
Band12	1.4	23173	3	#0	16QAM	22.64	-2.67	17.82	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.62	-2.67	17.80	PASS
Band12	1.4	23173	3	#Max	16QAM	22.62	-2.67	17.80	PASS
Band12	1.4	23173	6	#0	16QAM	21.70	-2.67	16.88	PASS
Band12	3	23025	1	#0	QPSK	23.45	-2.67	18.63	PASS
Band12	3	23025	1	#Mid	QPSK	23.90	-2.67	19.08	PASS
Band12	3	23025	1	#Max	QPSK	23.44	-2.67	18.62	PASS
Band12	3	23025	8	#0	QPSK	22.45	-2.67	17.63	PASS
Band12	3	23025	8	#Mid	QPSK	22.51	-2.67	17.69	PASS
Band12	3	23025	8	#Max	QPSK	22.48	-2.67	17.66	PASS
Band12	3	23025	15	#0	QPSK	22.44	-2.67	17.62	PASS
Band12	3	23025	1	#0	16QAM	22.88	-2.67	18.06	PASS
Band12	3	23025	1	#Mid	16QAM	23.22	-2.67	18.40	PASS
Band12	3	23025	1	#Max	16QAM	22.95	-2.67	18.13	PASS
Band12	3	23025	8	#0	16QAM	21.55	-2.67	16.73	PASS
Band12	3	23025	8	#Mid	16QAM	21.59	-2.67	16.77	PASS
Band12	3	23025	8	#Max	16QAM	21.56	-2.67	16.74	PASS
Band12	3	23025	15	#0	16QAM	21.52	-2.67	16.70	PASS
Band12	3	23095	1	#0	QPSK	23.54	-2.67	18.72	PASS
Band12	3	23095	1	#Mid	QPSK	23.68	-2.67	18.86	PASS
Band12	3	23095	1	#Max	QPSK	23.50	-2.67	18.68	PASS
Band12	3	23095	8	#0	QPSK	22.52	-2.67	17.70	PASS
Band12	3	23095	8	#Mid	QPSK	22.57	-2.67	17.75	PASS
Band12	3	23095	8	#Max	QPSK	22.57	-2.67	17.75	PASS
Band12	3	23095	15	#0	QPSK	22.53	-2.67	17.71	PASS
Band12	3	23095	1	#0	16QAM	22.75	-2.67	17.93	PASS
Band12	3	23095	1	#Mid	16QAM	22.98	-2.67	18.16	PASS
Band12	3	23095	1	#Max	16QAM	22.68	-2.67	17.86	PASS
Band12	3	23095	8	#0	16QAM	21.66	-2.67	16.84	PASS
Band12	3	23095	8	#Mid	16QAM	21.65	-2.67	16.83	PASS

Band12	3	23095	8	#Max	16QAM	21.63	-2.67	16.81	PASS
Band12	3	23095	15	#0	16QAM	21.57	-2.67	16.75	PASS
Band12	3	23165	1	#0	QPSK	23.64	-2.67	18.82	PASS
Band12	3	23165	1	#Mid	QPSK	23.80	-2.67	18.98	PASS
Band12	3	23165	1	#Max	QPSK	23.60	-2.67	18.78	PASS
Band12	3	23165	8	#0	QPSK	22.54	-2.67	17.72	PASS
Band12	3	23165	8	#Mid	QPSK	22.57	-2.67	17.75	PASS
Band12	3	23165	8	#Max	QPSK	22.55	-2.67	17.73	PASS
Band12	3	23165	15	#0	QPSK	22.56	-2.67	17.74	PASS
Band12	3	23165	1	#0	16QAM	22.48	-2.67	17.66	PASS
Band12	3	23165	1	#Mid	16QAM	22.74	-2.67	17.92	PASS
Band12	3	23165	1	#Max	16QAM	22.35	-2.67	17.53	PASS
Band12	3	23165	8	#0	16QAM	21.64	-2.67	16.82	PASS
Band12	3	23165	8	#Mid	16QAM	21.63	-2.67	16.81	PASS
Band12	3	23165	8	#Max	16QAM	21.59	-2.67	16.77	PASS
Band12	3	23165	15	#0	16QAM	21.66	-2.67	16.84	PASS
Band12	5	23035	1	#0	QPSK	23.34	-2.67	18.52	PASS
Band12	5	23035	1	#Mid	QPSK	23.74	-2.67	18.92	PASS
Band12	5	23035	1	#Max	QPSK	23.41	-2.67	18.59	PASS
Band12	5	23035	12	#0	QPSK	22.45	-2.67	17.63	PASS
Band12	5	23035	12	#Mid	QPSK	22.48	-2.67	17.66	PASS
Band12	5	23035	12	#Max	QPSK	22.35	-2.67	17.53	PASS
Band12	5	23035	25	#0	QPSK	22.41	-2.67	17.59	PASS
Band12	5	23035	1	#0	16QAM	22.83	-2.67	18.01	PASS
Band12	5	23035	1	#Mid	16QAM	23.32	-2.67	18.50	PASS
Band12	5	23035	1	#Max	16QAM	22.97	-2.67	18.15	PASS
Band12	5	23035	12	#0	16QAM	21.53	-2.67	16.71	PASS
Band12	5	23035	12	#Mid	16QAM	21.50	-2.67	16.68	PASS
Band12	5	23035	12	#Max	16QAM	21.40	-2.67	16.58	PASS
Band12	5	23035	25	#0	16QAM	21.42	-2.67	16.60	PASS
Band12	5	23095	1	#0	QPSK	23.33	-2.67	18.51	PASS
Band12	5	23095	1	#Mid	QPSK	23.68	-2.67	18.86	PASS
Band12	5	23095	1	#Max	QPSK	23.35	-2.67	18.53	PASS
Band12	5	23095	12	#0	QPSK	22.37	-2.67	17.55	PASS
Band12	5	23095	12	#Mid	QPSK	22.52	-2.67	17.70	PASS
Band12	5	23095	12	#Max	QPSK	22.53	-2.67	17.71	PASS
Band12	5	23095	25	#0	QPSK	22.46	-2.67	17.64	PASS
Band12	5	23095	1	#0	16QAM	22.66	-2.67	17.84	PASS
Band12	5	23095	1	#Mid	16QAM	23.00	-2.67	18.18	PASS
Band12	5	23095	1	#Max	16QAM	22.65	-2.67	17.83	PASS
Band12	5	23095	12	#0	16QAM	21.47	-2.67	16.65	PASS
Band12	5	23095	12	#Mid	16QAM	21.62	-2.67	16.80	PASS
Band12	5	23095	12	#Max	16QAM	21.62	-2.67	16.80	PASS
Band12	5	23095	25	#0	16QAM	0.00	-2.67	-4.82	PASS
Band12	5	23155	1	#0	QPSK	23.33	-2.67	18.51	PASS
Band12	5	23155	1	#Mid	QPSK	23.73	-2.67	18.91	PASS
Band12	5	23155	1	#Max	QPSK	23.28	-2.67	18.46	PASS
Band12	5	23155	12	#0	QPSK	22.61	-2.67	17.79	PASS
Band12	5	23155	12	#Mid	QPSK	22.55	-2.67	17.73	PASS
Band12	5	23155	12	#Max	QPSK	22.38	-2.67	17.56	PASS
Band12	5	23155	25	#0	QPSK	22.52	-2.67	17.70	PASS
Band12	5	23155	1	#0	16QAM	22.65	-2.67	17.83	PASS
Band12	5	23155	1	#Mid	16QAM	23.18	-2.67	18.36	PASS
Band12	5	23155	1	#Max	16QAM	22.63	-2.67	17.81	PASS
Band12	5	23155	12	#0	16QAM	21.67	-2.67	16.85	PASS
Band12	5	23155	12	#Mid	16QAM	21.58	-2.67	16.76	PASS
Band12	5	23155	12	#Max	16QAM	21.47	-2.67	16.65	PASS
Band12	5	23155	25	#0	16QAM	21.57	-2.67	16.75	PASS
Band12	10	23060	1	#0	QPSK	23.28	-2.67	18.46	PASS
Band12	10	23060	1	#Mid	QPSK	23.59	-2.67	18.77	PASS
Band12	10	23060	1	#Max	QPSK	23.39	-2.67	18.57	PASS
Band12	10	23060	25	#0	QPSK	22.66	-2.67	17.84	PASS
Band12	10	23060	25	#Mid	QPSK	22.53	-2.67	17.71	PASS
Band12	10	23060	25	#Max	QPSK	22.71	-2.67	17.89	PASS
Band12	10	23060	50	#0	QPSK	22.67	-2.67	17.85	PASS
Band12	10	23060	1	#0	16QAM	22.73	-2.67	17.91	PASS
Band12	10	23060	1	#Mid	16QAM	23.01	-2.67	18.19	PASS
Band12	10	23060	1	#Max	16QAM	22.79	-2.67	17.97	PASS
Band12	10	23060	25	#0	16QAM	21.76	-2.67	16.94	PASS
Band12	10	23060	25	#Mid	16QAM	21.61	-2.67	16.79	PASS
Band12	10	23060	25	#Max	16QAM	21.79	-2.67	16.97	PASS

Band12	10	23060	50	#0	16QAM	21.75	-2.67	16.93	PASS
Band12	10	23095	1	#0	QPSK	23.41	-2.67	18.59	PASS
Band12	10	23095	1	#Mid	QPSK	23.64	-2.67	18.82	PASS
Band12	10	23095	1	#Max	QPSK	23.49	-2.67	18.67	PASS
Band12	10	23095	25	#0	QPSK	22.45	-2.67	17.63	PASS
Band12	10	23095	25	#Mid	QPSK	22.50	-2.67	17.68	PASS
Band12	10	23095	25	#Max	QPSK	22.53	-2.67	17.71	PASS
Band12	10	23095	50	#0	QPSK	22.52	-2.67	17.70	PASS
Band12	10	23095	1	#0	16QAM	22.62	-2.67	17.80	PASS
Band12	10	23095	1	#Mid	16QAM	22.77	-2.67	17.95	PASS
Band12	10	23095	1	#Max	16QAM	22.63	-2.67	17.81	PASS
Band12	10	23095	25	#0	16QAM	21.49	-2.67	16.67	PASS
Band12	10	23095	25	#Mid	16QAM	21.60	-2.67	16.78	PASS
Band12	10	23095	25	#Max	16QAM	21.61	-2.67	16.79	PASS
Band12	10	23095	50	#0	16QAM	21.58	-2.67	16.76	PASS
Band12	10	23130	1	#0	QPSK	23.50	-2.67	18.68	PASS
Band12	10	23130	1	#Mid	QPSK	23.71	-2.67	18.89	PASS
Band12	10	23130	1	#Max	QPSK	23.48	-2.67	18.66	PASS
Band12	10	23130	25	#0	QPSK	22.42	-2.67	17.60	PASS
Band12	10	23130	25	#Mid	QPSK	22.51	-2.67	17.69	PASS
Band12	10	23130	25	#Max	QPSK	22.36	-2.67	17.54	PASS
Band12	10	23130	50	#0	QPSK	22.39	-2.67	17.57	PASS
Band12	10	23130	1	#0	16QAM	22.29	-2.67	17.47	PASS
Band12	10	23130	1	#Mid	16QAM	22.49	-2.67	17.67	PASS
Band12	10	23130	1	#Max	16QAM	22.25	-2.67	17.43	PASS
Band12	10	23130	25	#0	16QAM	21.49	-2.67	16.67	PASS
Band12	10	23130	25	#Mid	16QAM	21.56	-2.67	16.74	PASS
Band12	10	23130	25	#Max	16QAM	21.43	-2.67	16.61	PASS
Band12	10	23130	50	#0	16QAM	21.47	-2.67	16.65	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.21	-2.67	18.39	PASS
Band17	5	23755	1	#Mid	QPSK	23.64	-2.67	18.82	PASS
Band17	5	23755	1	#Max	QPSK	23.27	-2.67	18.45	PASS
Band17	5	23755	12	#0	QPSK	22.24	-2.67	17.42	PASS
Band17	5	23755	12	#Mid	QPSK	22.45	-2.67	17.63	PASS
Band17	5	23755	12	#Max	QPSK	22.47	-2.67	17.65	PASS
Band17	5	23755	25	#0	QPSK	22.39	-2.67	17.57	PASS
Band17	5	23755	1	#0	16QAM	22.80	-2.67	17.98	PASS
Band17	5	23755	1	#Mid	16QAM	23.21	-2.67	18.39	PASS
Band17	5	23755	1	#Max	16QAM	22.74	-2.67	17.92	PASS
Band17	5	23755	12	#0	16QAM	21.35	-2.67	16.53	PASS
Band17	5	23755	12	#Mid	16QAM	21.46	-2.67	16.64	PASS
Band17	5	23755	12	#Max	16QAM	21.50	-2.67	16.68	PASS
Band17	5	23755	25	#0	16QAM	21.43	-2.67	16.61	PASS
Band17	5	23790	1	#0	QPSK	23.28	-2.67	18.46	PASS
Band17	5	23790	1	#Mid	QPSK	23.67	-2.67	18.85	PASS
Band17	5	23790	1	#Max	QPSK	23.28	-2.67	18.46	PASS
Band17	5	23790	12	#0	QPSK	22.30	-2.67	17.48	PASS
Band17	5	23790	12	#Mid	QPSK	22.41	-2.67	17.59	PASS
Band17	5	23790	12	#Max	QPSK	22.21	-2.67	17.39	PASS
Band17	5	23790	25	#0	QPSK	22.30	-2.67	17.48	PASS
Band17	5	23790	1	#0	16QAM	22.54	-2.67	17.72	PASS
Band17	5	23790	1	#Mid	16QAM	23.04	-2.67	18.22	PASS
Band17	5	23790	1	#Max	16QAM	22.62	-2.67	17.80	PASS
Band17	5	23790	12	#0	16QAM	21.28	-2.67	16.46	PASS
Band17	5	23790	12	#Mid	16QAM	21.43	-2.67	16.61	PASS
Band17	5	23790	12	#Max	16QAM	21.20	-2.67	16.38	PASS
Band17	5	23790	25	#0	16QAM	21.37	-2.67	16.55	PASS
Band17	5	23825	1	#0	QPSK	23.17	-2.67	18.35	PASS
Band17	5	23825	1	#Mid	QPSK	23.48	-2.67	18.66	PASS
Band17	5	23825	1	#Max	QPSK	22.93	-2.67	18.11	PASS
Band17	5	23825	12	#0	QPSK	22.28	-2.67	17.46	PASS
Band17	5	23825	12	#Mid	QPSK	22.37	-2.67	17.55	PASS
Band17	5	23825	12	#Max	QPSK	21.95	-2.67	17.13	PASS
Band17	5	23825	25	#0	QPSK	22.04	-2.67	17.22	PASS
Band17	5	23825	1	#0	16QAM	22.21	-2.67	17.39	PASS
Band17	5	23825	1	#Mid	16QAM	22.78	-2.67	17.96	PASS
Band17	5	23825	1	#Max	16QAM	22.06	-2.67	17.24	PASS
Band17	5	23825	12	#0	16QAM	21.08	-2.67	16.26	PASS
Band17	5	23825	12	#Mid	16QAM	21.00	-2.67	16.18	PASS
Band17	5	23825	12	#Max	16QAM	20.89	-2.67	16.07	PASS
Band17	5	23825	25	#0	16QAM	20.96	-2.67	16.14	PASS
Band17	10	23780	1	#0	QPSK	22.85	-2.67	18.03	PASS
Band17	10	23780	1	#Mid	QPSK	23.02	-2.67	18.20	PASS
Band17	10	23780	1	#Max	QPSK	22.75	-2.67	17.93	PASS
Band17	10	23780	25	#0	QPSK	21.76	-2.67	16.94	PASS
Band17	10	23780	25	#Mid	QPSK	22.21	-2.67	17.39	PASS
Band17	10	23780	25	#Max	QPSK	21.87	-2.67	17.05	PASS
Band17	10	23780	50	#0	QPSK	21.78	-2.67	16.96	PASS
Band17	10	23780	1	#0	16QAM	22.26	-2.67	17.44	PASS
Band17	10	23780	1	#Mid	16QAM	22.45	-2.67	17.63	PASS
Band17	10	23780	1	#Max	16QAM	22.28	-2.67	17.46	PASS
Band17	10	23780	25	#0	16QAM	20.81	-2.67	15.99	PASS
Band17	10	23780	25	#Mid	16QAM	21.01	-2.67	16.19	PASS
Band17	10	23780	25	#Max	16QAM	20.92	-2.67	16.10	PASS
Band17	10	23780	50	#0	16QAM	20.83	-2.67	16.01	PASS
Band17	10	23790	1	#0	QPSK	22.82	-2.67	18.00	PASS
Band17	10	23790	1	#Mid	QPSK	23.01	-2.67	18.19	PASS
Band17	10	23790	1	#Max	QPSK	22.80	-2.67	17.98	PASS
Band17	10	23790	25	#0	QPSK	21.81	-2.67	16.99	PASS
Band17	10	23790	25	#Mid	QPSK	22.09	-2.67	17.27	PASS
Band17	10	23790	25	#Max	QPSK	21.75	-2.67	16.93	PASS
Band17	10	23790	50	#0	QPSK	21.84	-2.67	17.02	PASS
Band17	10	23790	1	#0	16QAM	22.07	-2.67	17.25	PASS
Band17	10	23790	1	#Mid	16QAM	22.23	-2.67	17.41	PASS
Band17	10	23790	1	#Max	16QAM	22.05	-2.67	17.23	PASS
Band17	10	23790	25	#0	16QAM	20.83	-2.67	16.01	PASS
Band17	10	23790	25	#Mid	16QAM	20.99	-2.67	16.17	PASS

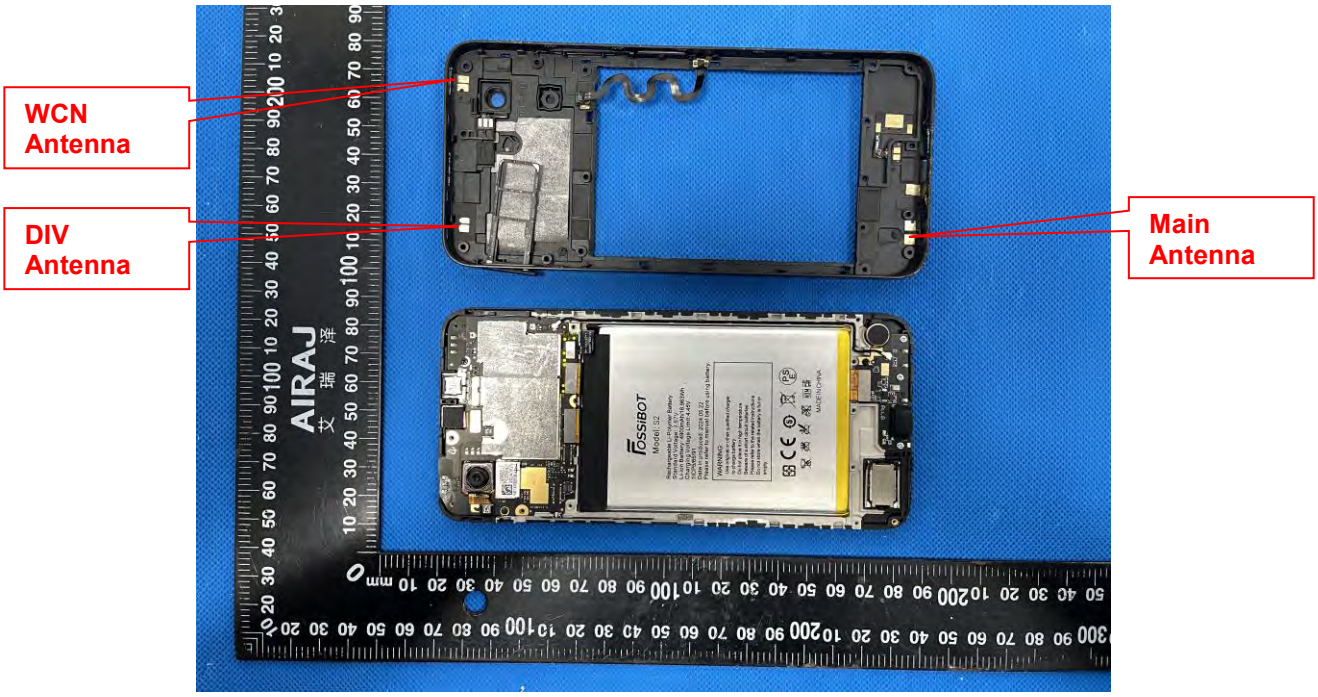
Band17	10	23790	25	#Max	16QAM	20.73	-2.67	15.91	PASS
Band17	10	23790	50	#0	16QAM	20.84	-2.67	16.02	PASS
Band17	10	23800	1	#0	QPSK	22.85	-2.67	18.03	PASS
Band17	10	23800	1	#Mid	QPSK	23.09	-2.67	18.27	PASS
Band17	10	23800	1	#Max	QPSK	22.84	-2.67	18.02	PASS
Band17	10	23800	25	#0	QPSK	21.87	-2.67	17.05	PASS
Band17	10	23800	25	#Mid	QPSK	22.01	-2.67	17.19	PASS
Band17	10	23800	25	#Max	QPSK	21.75	-2.67	16.93	PASS
Band17	10	23800	50	#0	QPSK	21.87	-2.67	17.05	PASS
Band17	10	23800	1	#0	16QAM	21.76	-2.67	16.94	PASS
Band17	10	23800	1	#Mid	16QAM	21.95	-2.67	17.13	PASS
Band17	10	23800	1	#Max	16QAM	21.69	-2.67	16.87	PASS
Band17	10	23800	25	#0	16QAM	20.92	-2.67	16.10	PASS
Band17	10	23800	25	#Mid	16QAM	21.00	-2.67	16.18	PASS
Band17	10	23800	25	#Max	16QAM	20.80	-2.67	15.98	PASS
Band17	10	23800	50	#0	16QAM	20.86	-2.67	16.04	PASS

NFC								
Modulation	Frequency (MHz)	Output Power (dBuV/m)	Output Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
ASK	13.5577	55.85	-44.05	-44.0	0.00004	5	0.00001	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 TX
DIV	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17 RX
WCN	Bluetooth + WIFI

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	156	<25	<25	<25
WCN	<25	<25	<25	154	<25	<25

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

Note:
1. According to the KDB 941225 D06 Hot Spot SAR v02, the edges with less than 25 mm distance to the antennas need to be tested for SAR.
2. According to the KDB 941225 D06 Hot Spot SAR v02, When the overall length and width of a device is > 9 cm x 5 cm (~3.5” x 2”), a test separation distance of 10 mm is required for hotspot mode SAR measurements.

14.3 Measured and Reported (Scaled) SAR Results

The calculated SAR is obtained by the following formula:
1. Reported SAR for WWAN=Measured SAR * Tune-up Scaling factor
2. Reported SAR for WLAN and Bluetooth=Measured SAR * Tune-up Scaling factor * Duty Cycle Scaling factor
3. Duty Cycle Scaling factor=1/ Duty Cycle (%)

KDB 447498 D01 General RF Exposure Guidance:
Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR v01r03:
1. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.
2. when the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, using the same wireless mode test configuration for voice and data, such as UMTS, LTE and Wi-Fi, and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface)
3. For Smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

KDB 941225 D01 3G SAR Procedures:
When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤1/4dB higher than the primary mode (RMC12.2kbps) or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:
1. Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
2. When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
3. Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
4. SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is ≤ ½ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.
5. Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

WIFI 2.4G										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	b	Left Cheek	6	2437	12.21	12.5	1.069	0.161	0.172	
		Left Tilt	6	2437	12.21	12.5	1.069	0.218	0.233	
		Right Cheek	6	2437	12.21	12.5	1.069	0.116	0.124	
		Right Tilt	6	2437	12.21	12.5	1.069	0.251	**0.268**	1
Body (10mm)	b	Front Face	6	2437	12.21	12.5	1.069	0.212	0.227	
		Back Face	6	2437	12.21	12.5	1.069	0.227	0.243	
		Left Side	6	2437	12.21	12.5	1.069	0.134	0.143	
		Right Side	6	2437	12.21	12.5	1.069	0.134	0.143	
		Top Side	6	2437	12.21	12.5	1.069	0.233	0.249	

WIFI 5.1G										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	a	Left Cheek	36	5180	11.41	11.5	1.021	0.132	0.135	
		Left Tilt	36	5180	11.41	11.5	1.021	0.163	0.166	
		Right Cheek	36	5180	11.41	11.5	1.021	0.128	0.131	
		Right Tilt	36	5180	11.41	11.5	1.021	0.209	0.213	
Body (10mm)	a	Front Face	36	5180	11.41	11.5	1.021	0.369	**0.377**	2
		Back Face	36	5180	11.41	11.5	1.021	0.284	0.290	
		Left Side	36	5180	11.41	11.5	1.021	0.179	0.183	
		Right Side	36	5180	11.41	11.5	1.021	0.112	0.114	
		Top Side	36	5180	11.41	11.5	1.021	0.225	0.230	

WIFI 5.8G										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	a	Left Cheek	149	5745	11.52	12.0	1.117	0.220	0.246	
		Left Tilt	149	5745	11.52	12.0	1.117	0.195	0.218	
		Right Cheek	149	5745	11.52	12.0	1.117	0.211	0.236	
		Right Tilt	149	5745	11.52	12.0	1.117	0.112	0.125	
Body (10mm)	a	Front Face	149	5745	11.52	12.0	1.117	0.424	**0.474**	3
		Back Face	149	5745	11.52	12.0	1.117	0.298	0.333	
		Left Side	149	5745	11.52	12.0	1.117	0.128	0.143	
		Right Side	149	5745	11.52	12.0	1.117	0.133	0.149	
		Top Side	149	5745	11.52	12.0	1.117	0.209	0.233	

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	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	GSM	Left Cheek	190	836.6	32.11	32.5	1.094	0.116	0.127	
		Left Tilt	190	836.6	32.11	32.5	1.094	0.186	0.203	
		Right Cheek	190	836.6	32.11	32.5	1.094	0.085	0.093	
		Right Tilt	190	836.6	32.11	32.5	1.094	0.143	0.156	
Body (10mm)	GSM	Front Face	190	836.6	32.11	32.5	1.094	0.228	0.249	
		Back Face	190	836.6	32.11	32.5	1.094	0.279	0.305	
	GPRS	Front Face	190	836.6	30.95	31.0	1.012	0.182	0.184	
		Back Face	190	836.6	30.95	31.0	1.012	0.350	0.354	
		Left Side	190	836.6	30.95	31.0	1.012	0.294	0.297	
		Right Side	190	836.6	30.95	31.0	1.012	0.282	0.285	
		Bottom Side	190	836.6	30.95	31.0	1.012	0.586	**0.593**	4

GSM 1900										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	GSM	Left Cheek	810	1909.8	28.95	29.0	1.012	0.163	0.165	
		Left Tilt	810	1909.8	28.95	29.0	1.012	0.288	0.291	
		Right Cheek	810	1909.8	28.95	29.0	1.012	0.176	0.178	
		Right Tilt	810	1909.8	28.95	29.0	1.012	0.109	0.110	
Body (10mm)	GSM	Front Face	810	1909.8	28.95	29.0	1.012	0.236	0.239	
		Back Face	810	1909.8	28.95	29.0	1.012	0.365	0.369	
	GPRS	Front Face	810	1909.8	24.99	25.0	1.002	0.388	0.389	
		Back Face	810	1909.8	24.99	25.0	1.002	0.449	0.450	
		Left Side	810	1909.8	24.99	25.0	1.002	0.457	**0.458**	5
		Right Side	810	1909.8	24.99	25.0	1.002	0.139	0.139	
		Bottom Side	810	1909.8	24.99	25.0	1.002	0.424	0.425	

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.

WCDMA Band II										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	9400	1880.0	21.30	21.5	1.047	0.120	0.126	
		Left Tilt	9400	1880.0	21.30	21.5	1.047	0.205	0.215	
		Right Cheek	9400	1880.0	21.30	21.5	1.047	0.119	0.125	
		Right Tilt	9400	1880.0	21.30	21.5	1.047	0.166	0.174	
Body (10mm)	RMC	Front Face	9400	1880.0	21.30	21.5	1.047	0.545	**0.571**	6
		Back Face	9400	1880.0	21.30	21.5	1.047	0.302	0.316	
		Left Side	9400	1880.0	21.30	21.5	1.047	0.450	0.471	
		Right Side	9400	1880.0	21.30	21.5	1.047	0.132	0.138	
		Bottom Side	9400	1880.0	21.30	21.5	1.047	0.362	0.379	

WCDMA Band IV										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	1312	1712.4	21.43	22.0	1.140	0.146	0.166	
		Left Tilt	1312	1712.4	21.43	22.0	1.140	0.234	0.267	
		Right Cheek	1312	1712.4	21.43	22.0	1.140	0.146	0.166	
		Right Tilt	1312	1712.4	21.43	22.0	1.140	0.198	0.226	
Body (10mm)	RMC	Front Face	1312	1712.4	21.43	22.0	1.140	0.252	0.287	
		Back Face	1312	1712.4	21.43	22.0	1.140	0.571	0.651	
		Left Side	1312	1712.4	21.43	22.0	1.140	0.468	0.534	
		Right Side	1312	1712.4	21.43	22.0	1.140	0.199	0.227	
		Bottom Side	1312	1712.4	21.43	22.0	1.140	0.756	**0.862**	7

WCDMA Band V										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	4182	836.4	21.90	22.0	1.023	0.111	0.114	
		Left Tilt	4182	836.4	21.90	22.0	1.023	0.135	0.138	
		Right Cheek	4182	836.4	21.90	22.0	1.023	0.087	0.089	
		Right Tilt	4182	836.4	21.90	22.0	1.023	0.109	0.112	
Body (10mm)	RMC	Front Face	4182	836.4	21.90	22.0	1.023	0.240	0.246	
		Back Face	4182	836.4	21.90	22.0	1.023	0.234	0.239	
		Left Side	4182	836.4	21.90	22.0	1.023	0.211	0.216	
		Right Side	4182	836.4	21.90	22.0	1.023	0.299	0.306	
		Bottom Side	4182	836.4	21.90	22.0	1.023	0.303	**0.310**	8

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.

LTE Band 2 (20MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	18900	1880	22.82	23.0	1.042	0.098	0.102	
		Left Tilt	18900	1880	22.82	23.0	1.042	0.108	0.113	
		Right Cheek	18900	1880	22.82	23.0	1.042	0.112	0.117	
		Right Tilt	18900	1880	22.82	23.0	1.042	0.076	0.079	
	50%RB	Left Cheek	18900	1880	21.88	22.0	1.028	0.055	0.057	
		Left Tilt	18900	1880	21.88	22.0	1.028	0.063	0.065	
		Right Cheek	18900	1880	21.88	22.0	1.028	0.071	0.073	
		Right Tilt	18900	1880	21.88	22.0	1.028	0.035	0.036	
Body (10mm)	1RB	Front Face	18900	1880	22.82	23.0	1.042	0.296	0.309	
		Back Face	18900	1880	22.82	23.0	1.042	0.497	**0.518**	9
		Left Side	18900	1880	22.82	23.0	1.042	0.352	0.367	
		Right Side	18900	1880	22.82	23.0	1.042	0.083	0.087	
		Bottom Side	18900	1880	22.82	23.0	1.042	0.418	0.436	
	50%RB	Front Face	18900	1880	21.88	22.0	1.028	0.117	0.120	
		Back Face	18900	1880	21.88	22.0	1.028	0.339	0.348	
		Left Side	18900	1880	21.88	22.0	1.028	0.312	0.321	
		Right Side	18900	1880	21.88	22.0	1.028	0.079	0.081	
		Bottom Side	18900	1880	21.88	22.0	1.028	0.354	0.364	

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.

LTE Band 4 (20MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	20175	1732.5	23.14	23.5	1.086	0.122	0.133	
		Left Tilt	20175	1732.5	23.14	23.5	1.086	0.105	0.114	
		Right Cheek	20175	1732.5	23.14	23.5	1.086	0.144	0.156	
		Right Tilt	20175	1732.5	23.14	23.5	1.086	0.121	0.131	
	50%RB	Left Cheek	20300	1745	22.05	22.5	1.109	0.083	0.092	
		Left Tilt	20300	1745	22.05	22.5	1.109	0.022	0.024	
		Right Cheek	20300	1745	22.05	22.5	1.109	0.117	0.130	
		Right Tilt	20300	1745	22.05	22.5	1.109	0.098	0.109	
Body (10mm)	1RB	Front Face	20175	1732.5	23.14	23.5	1.086	0.350	0.380	
		Back Face	20175	1732.5	23.14	23.5	1.086	0.568	0.617	
		Left Side	20175	1732.5	23.14	23.5	1.086	0.460	0.500	
		Right Side	20175	1732.5	23.14	23.5	1.086	0.124	0.135	
		Bottom Side	20175	1732.5	23.14	23.5	1.086	0.947	1.029	
		Bottom Side	20050	1720	23.09	23.5	1.099	0.980	**1.077**	10
		Bottom Side	20300	1745	23.10	23.5	1.096	0.881	0.966	
	50%RB	Front Face	20300	1745	22.05	22.5	1.109	0.295	0.327	
		Back Face	20300	1745	22.05	22.5	1.109	0.434	0.481	
		Left Side	20300	1745	22.05	22.5	1.109	0.137	0.152	
		Right Side	20300	1745	22.05	22.5	1.109	0.082	0.091	
		Bottom Side	20300	1745	22.05	22.5	1.109	0.769	0.853	

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.

LTE Band 5 (10MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	20525	836.5	24.29	24.5	1.050	0.231	0.242	
		Left Tilt	20525	836.5	24.29	24.5	1.050	0.169	0.177	
		Right Cheek	20525	836.5	24.29	24.5	1.050	0.129	0.135	
		Right Tilt	20525	836.5	24.29	24.5	1.050	0.161	0.169	
	50%RB	Left Cheek	20600	844	23.23	23.5	1.064	0.118	0.126	
		Left Tilt	20600	844	23.23	23.5	1.064	0.095	0.101	
		Right Cheek	20600	844	23.23	23.5	1.064	0.122	0.130	
		Right Tilt	20600	844	23.23	23.5	1.064	0.137	0.146	
Body (10mm)	1RB	Front Face	20525	836.5	24.29	24.5	1.050	0.263	0.276	
		Back Face	20525	836.5	24.29	24.5	1.050	0.283	0.297	
		Left Side	20525	836.5	24.29	24.5	1.050	0.231	0.242	
		Right Side	20525	836.5	24.29	24.5	1.050	0.338	**0.355**	11
		Bottom Side	20525	836.5	24.29	24.5	1.050	0.185	0.194	
	50%RB	Front Face	20600	844	23.23	23.5	1.064	0.208	0.221	
		Back Face	20600	844	23.23	23.5	1.064	0.286	0.304	
		Left Side	20600	844	23.23	23.5	1.064	0.116	0.123	
		Right Side	20600	844	23.23	23.5	1.064	0.163	0.173	
		Bottom Side	20600	844	23.23	23.5	1.064	0.212	0.226	

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.

LTE Band 7 (20MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	20850	2510	22.05	22.5	1.109	0.167	0.185	
		Left Tilt	20850	2510	22.05	22.5	1.109	0.135	0.150	
		Right Cheek	20850	2510	22.05	22.5	1.109	0.105	0.116	
		Right Tilt	20850	2510	22.05	22.5	1.109	0.138	0.153	
	50%RB	Left Cheek	21100	2535	21.16	21.5	1.081	0.083	0.090	
		Left Tilt	21100	2535	21.16	21.5	1.081	0.115	0.124	
		Right Cheek	21100	2535	21.16	21.5	1.081	0.082	0.089	
		Right Tilt	21100	2535	21.16	21.5	1.081	0.079	0.085	
Body (10mm)	1RB	Front Face	20850	2510	22.05	22.5	1.109	0.182	0.202	
		Back Face	20850	2510	22.05	22.5	1.109	0.167	0.185	
		Left Side	20850	2510	22.05	22.5	1.109	0.105	0.116	
		Right Side	20850	2510	22.05	22.5	1.109	0.130	0.144	
		Bottom Side	20850	2510	22.05	22.5	1.109	0.964	1.069	
		Bottom Side	21100	2535	22.04	22.5	1.112	0.871	0.968	
		Bottom Side	21350	2560	21.83	22.5	1.167	0.946	1.104	
	50%RB	Front Face	21100	2535	21.16	21.5	1.081	0.221	0.239	
		Back Face	21100	2535	21.16	21.5	1.081	0.127	0.137	
		Left Side	21100	2535	21.16	21.5	1.081	0.083	0.090	
		Right Side	21100	2535	21.16	21.5	1.081	0.112	0.121	
		Bottom Side	21100	2535	21.16	21.5	1.081	0.825	0.892	
		Bottom Side	20850	2510	20.19	21.5	1.352	0.884	**1.195**	12
		Bottom Side	21350	2560	20.69	21.5	1.205	0.809	0.975	
	100%RB	Bottom Side	21100	2535	20.93	21.0	1.016	0.708	0.720	

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.

LTE Band 12 (10MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	23130	711	23.71	24.0	1.069	0.325	**0.347**	13
		Left Tilt	23130	711	23.71	24.0	1.069	0.182	0.195	
		Right Cheek	23130	711	23.71	24.0	1.069	0.133	0.142	
		Right Tilt	23130	711	23.71	24.0	1.069	0.199	0.213	
	50%RB	Left Cheek	23060	704	22.67	23.0	1.079	0.198	0.214	
		Left Tilt	23060	704	22.67	23.0	1.079	0.112	0.121	
		Right Cheek	23060	704	22.67	23.0	1.079	0.078	0.084	
		Right Tilt	23060	704	22.67	23.0	1.079	0.131	0.141	
Body (10mm)	1RB	Front Face	23130	711	23.71	24.0	1.069	0.273	0.292	
		Back Face	23130	711	23.71	24.0	1.069	0.226	0.242	
		Left Side	23130	711	23.71	24.0	1.069	0.248	0.265	
		Right Side	23130	711	23.71	24.0	1.069	0.253	0.270	
		Bottom Side	23130	711	23.71	24.0	1.069	0.305	0.326	
	50%RB	Front Face	23060	704	22.67	23.0	1.079	0.214	0.231	
		Back Face	23060	704	22.67	23.0	1.079	0.137	0.148	
		Left Side	23060	704	22.67	23.0	1.079	0.118	0.127	
		Right Side	23060	704	22.67	23.0	1.079	0.095	0.102	
		Bottom Side	23060	704	22.67	23.0	1.079	0.206	0.222	

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.

FDD-LTE Band 17 (10MHz Bandwidth)										
RF Exposure Conditions	Mode	Test Position	CH.	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
					Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	23800	711	23.09	23.5	1.099	0.285	0.313	
		Left Tilt	23800	711	23.09	23.5	1.099	0.168	0.185	
		Right Cheek	23800	711	23.09	23.5	1.099	0.151	0.166	
		Right Tilt	23800	711	23.09	23.5	1.099	0.211	0.232	
	50%RB	Left Cheek	23800	711	21.87	22.0	1.030	0.129	0.133	
		Left Tilt	23800	711	21.87	22.0	1.030	0.086	0.089	
		Right Cheek	23800	711	21.87	22.0	1.030	0.137	0.141	
		Right Tilt	23800	711	21.87	22.0	1.030	0.095	0.098	
Body (10mm)	1RB	Front Face	23800	711	23.09	23.5	1.099	0.303	0.333	
		Back Face	23800	711	23.09	23.5	1.099	0.312	0.343	
		Left Side	23800	711	23.09	23.5	1.099	0.207	0.227	
		Right Side	23800	711	23.09	23.5	1.099	0.309	0.340	
		Bottom Side	23800	711	23.09	23.5	1.099	0.430	**0.473**	14
	50%RB	Front Face	23800	711	21.87	22.0	1.030	0.225	0.232	
		Back Face	23800	711	21.87	22.0	1.030	0.161	0.166	
		Left Side	23800	711	21.87	22.0	1.030	0.115	0.118	
		Right Side	23800	711	21.87	22.0	1.030	0.306	0.315	
		Bottom Side	23800	711	21.87	22.0	1.030	0.361	0.372	

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.

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 Band (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
LTE Band 4 1RB	1720	Body	Bottom Side	Yes	0.980	0.951	1.030
LTE Band 7 1RB	2510	Body	Bottom Side	Yes	0.964	0.937	1.029

14.5 Simultaneous Transmission Evaluation

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

Application Simultaneous Transmission information:

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

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

Estimated stand alone SAR						
Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (mW)	Separation Distance (mm)	X	Estimated SAR1-g (W/kg)
Bluetooth	2480	1.5	1.41	5	3	0.059
Bluetooth	2480	1.5	1.41	10	7.5	0.030

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

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

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

5. Simultaneous transmission of maximum SAR sum calculation.

RF Exposure Conditions	Test Position	WWAN	WCN	Summed SAR (W/kg)	SAR1-g Limit (W/kg)
		Scaled SAR (W/kg)	Scaled SAR (W/kg)		
Head	Left Cheek	0.347	0.246	0.593	1.6
	Left Tilt	0.291	0.233	0.524	1.6
	Right Cheek	0.178	0.236	0.414	1.6
	Right Tilt	0.232	0.268	0.500	1.6
Body	Front Face	0.571	0.474	1.045	1.6
	Back Face	0.651	0.333	0.984	1.6
	Left Side	0.534	0.183	0.717	1.6
	Right Side	0.355	0.149	0.504	1.6
	Top Side	/	0.249	0.249	1.6
	Bottom Side	1.195	0.059	1.254	1.6

15. Test Plots

15.1 System Performance Check

System check at 750 MHz
Date of measurement: 26/7/2024

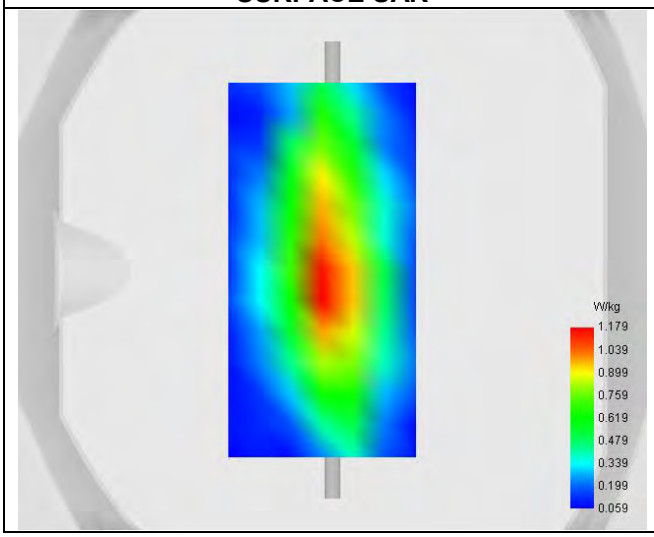
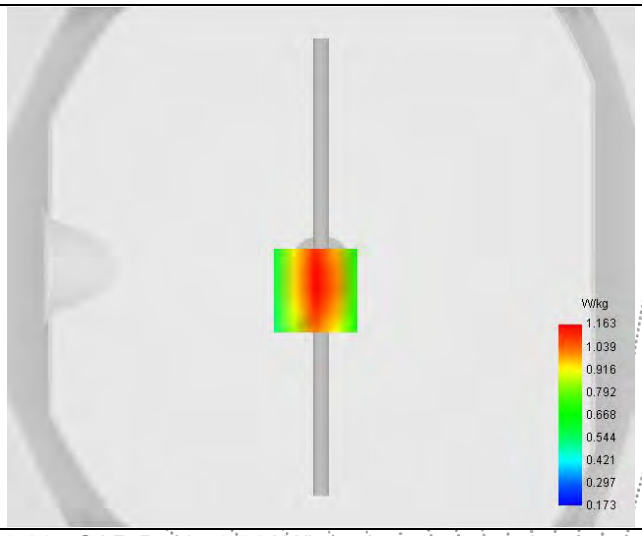
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.87
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)	41.735
Relative permitivity (imaginary part)	24.595
Conductivity (S/m)	0.889

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

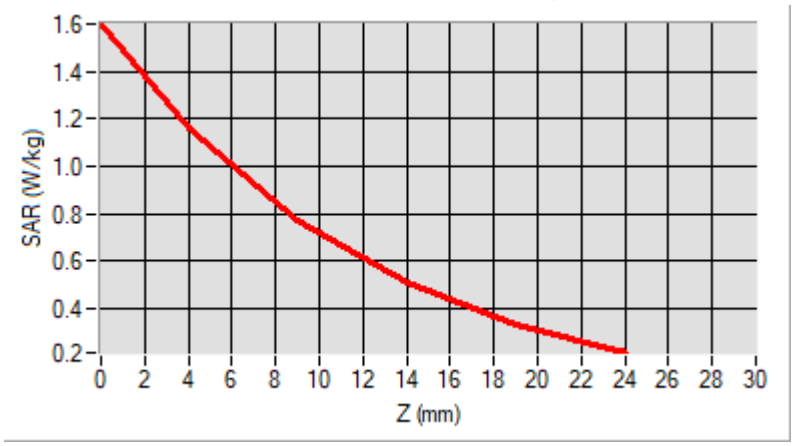
Maximum location: X=-2.00, Y=-9.00 ; SAR Peak: 1.61 W/kg

D. SAR 1g & 10g

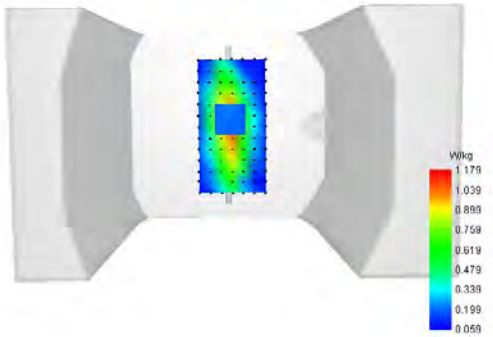
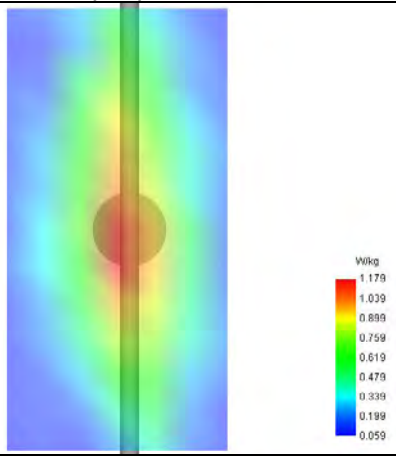
SAR 10g (W/Kg)	0.962
SAR 1g (W/Kg)	2.100
Variation (%)	3.096
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 26/7/2024

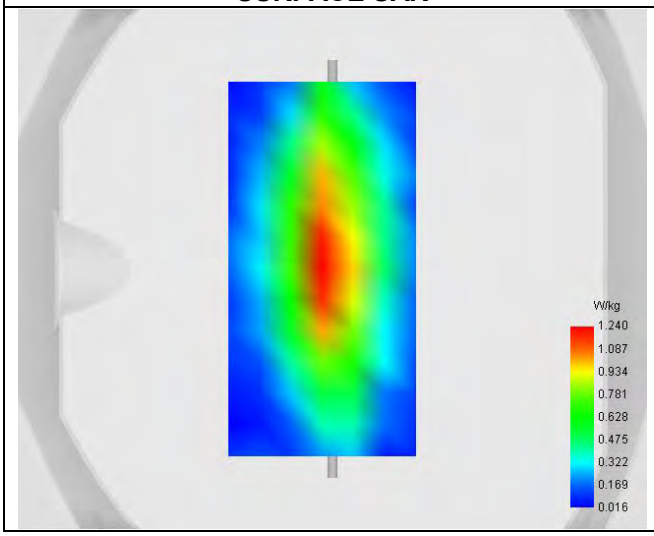
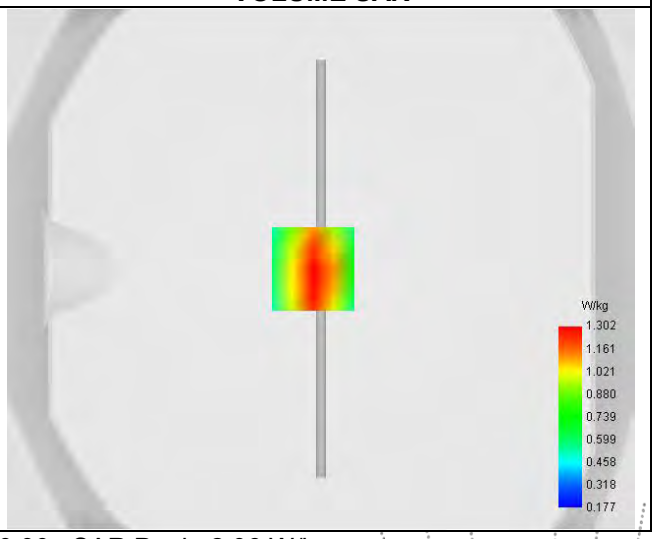
A. Experimental conditions.

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	CW835
Signal	CW

B. Permitivity

Frequency (MHz)	835.000
Relative permitivity (real part)	41.925
Relative permitivity (imaginary part)	20.910
Conductivity (S/m)	0.920

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

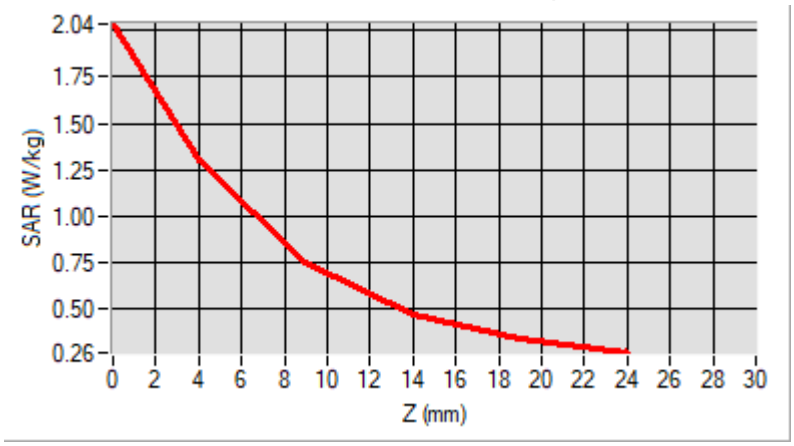
Maximum location: X=-3.00, Y=0.00 ; SAR Peak: 2.06 W/kg

D. SAR 1g & 10g

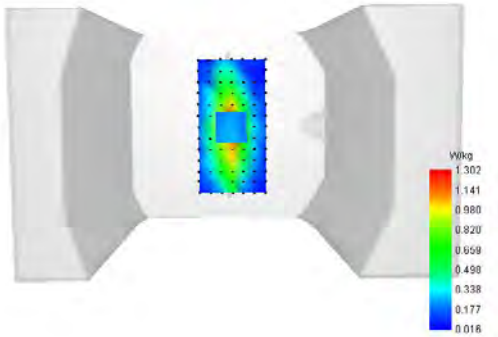
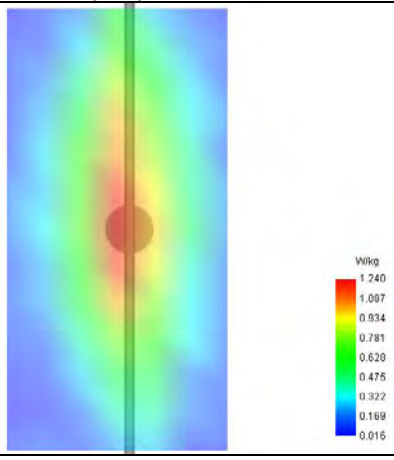
SAR 10g (W/Kg)	0.564
SAR 1g (W/Kg)	2.501
Variation (%)	2.197
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 29/7/2024

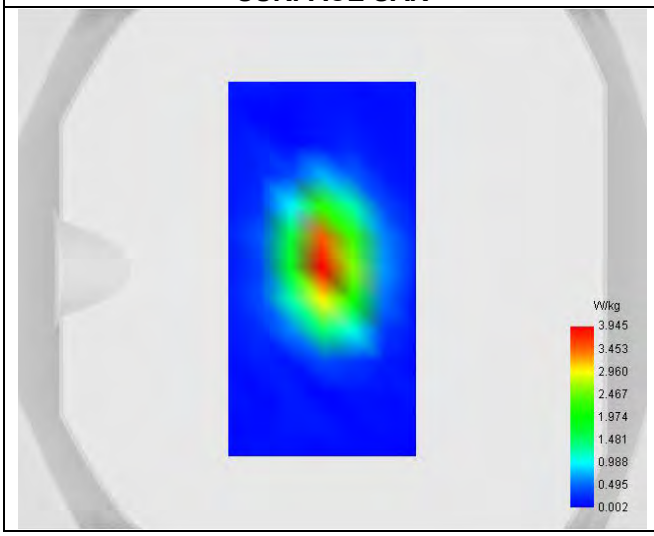
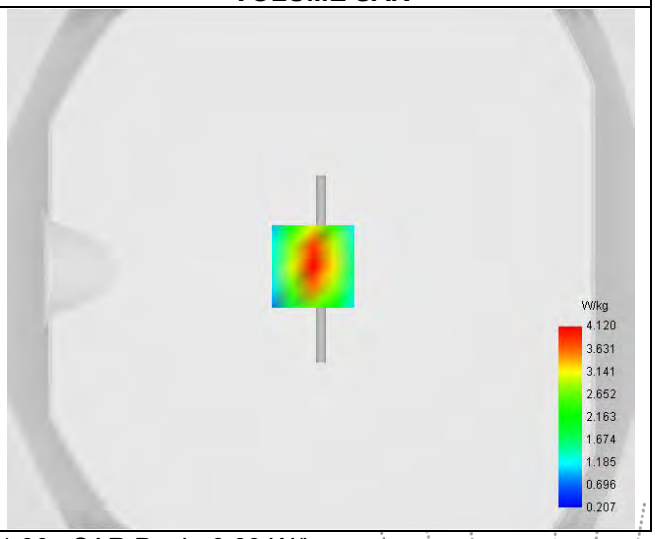
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.01
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW

B. Permitivity

Frequency (MHz)	1800.000
Relative permitivity (real part)	39.391
Relative permitivity (imaginary part)	15.200
Conductivity (S/m)	1.452

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

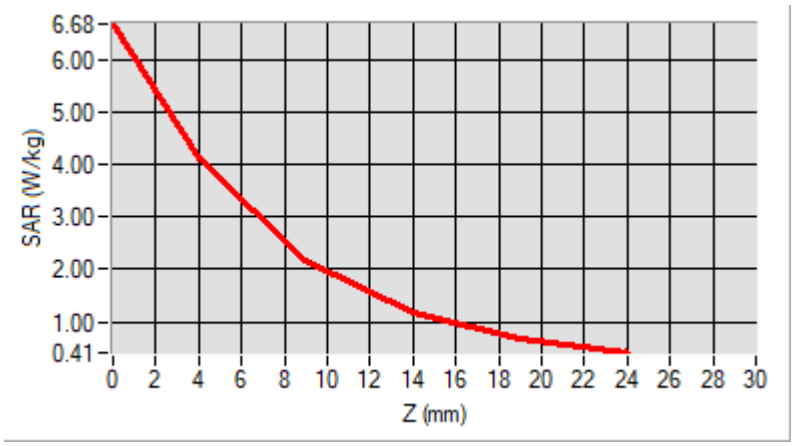
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 6.69 W/kg

D. SAR 1g & 10g

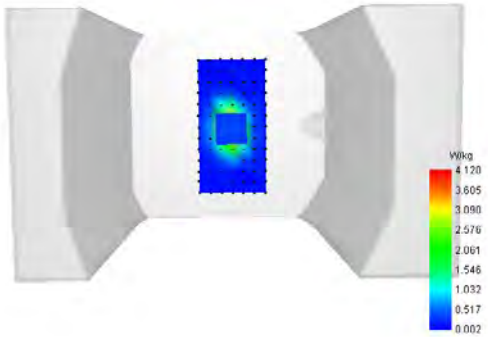
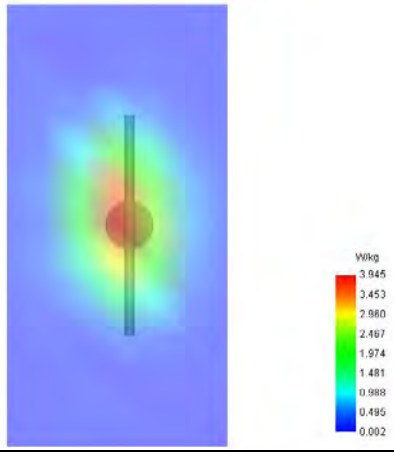
SAR 10g (W/Kg)	4.017
SAR 1g (W/Kg)	9.927
Variation (%)	3.923
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 30/7/2024

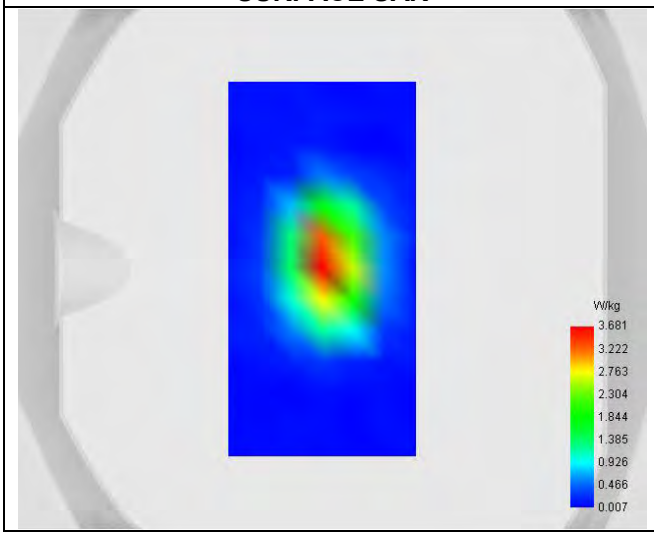
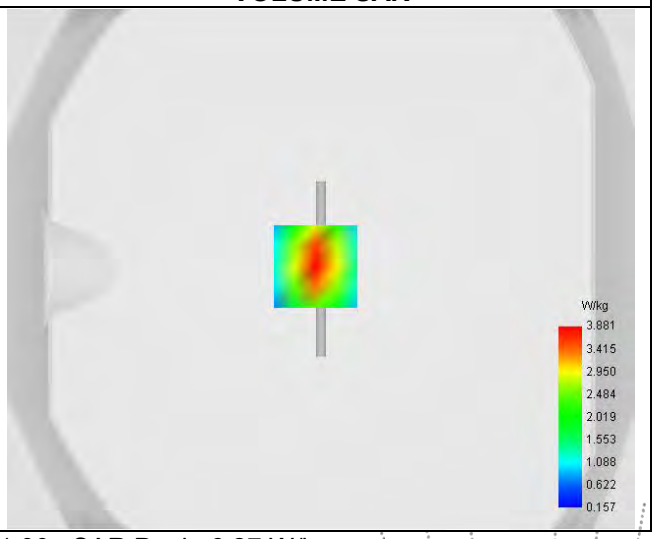
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW

B. Permitivity

Frequency (MHz)	1900.000
Relative permitivity (real part)	40.876
Relative permitivity (imaginary part)	14.400
Conductivity (S/m)	1.348

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

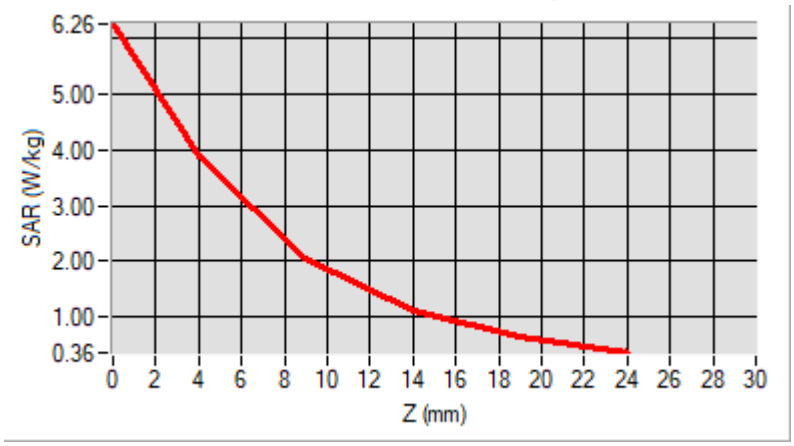
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 6.27 W/kg

D. SAR 1g & 10g

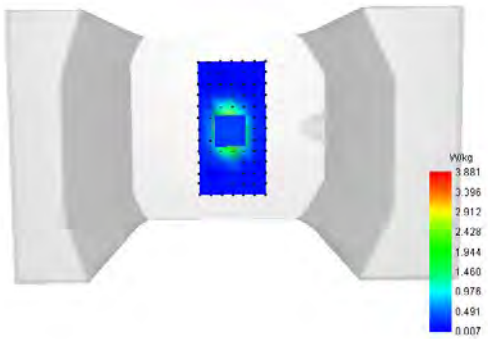
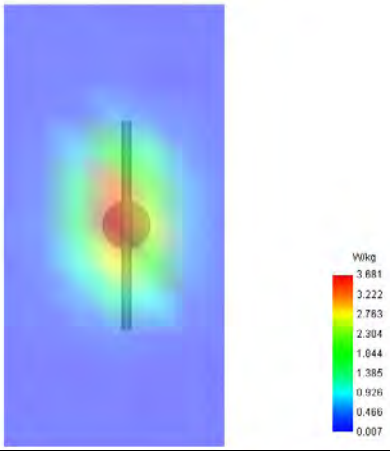
SAR 10g (W/Kg)	5.074
SAR 1g (W/Kg)	10.339
Variation (%)	4.404
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

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



F. 3D Image

3D screen shot	Hot spot position
	

System check at 2450 MHz
Date of measurement: 7/8/2024

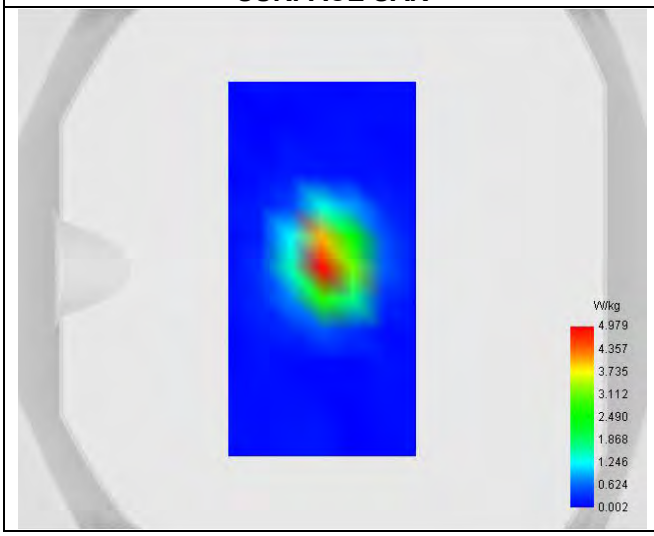
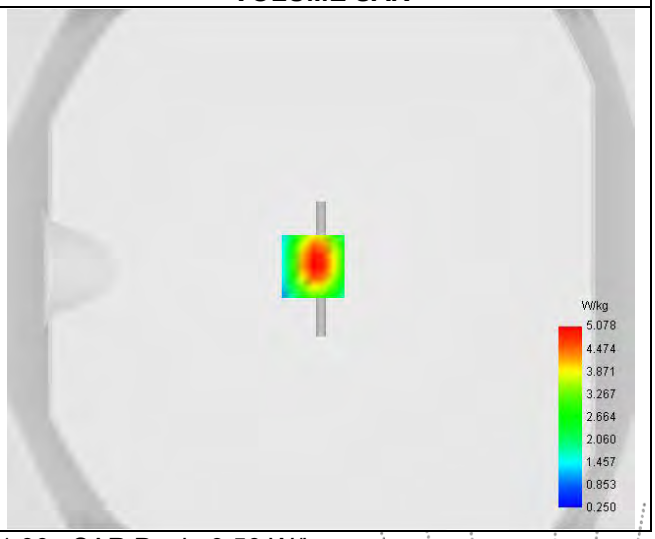
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.32
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW

B. Permitivity

Frequency (MHz)	2450.000
Relative permitivity (real part)	38.402
Relative permitivity (imaginary part)	14.330
Conductivity (S/m)	1.734

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

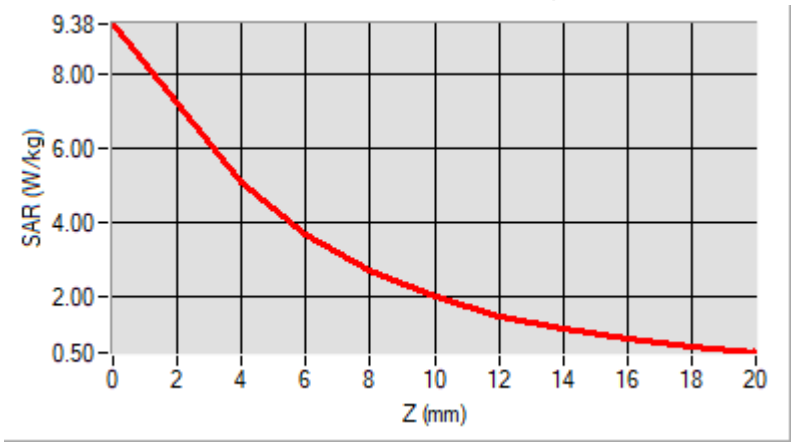
Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 9.50 W/kg

D. SAR 1g & 10g

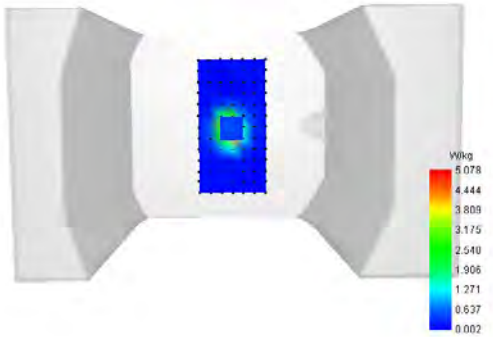
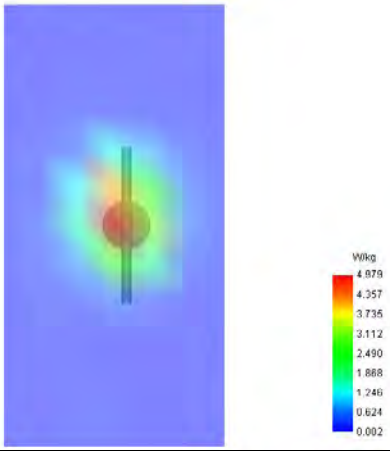
SAR 10g (W/Kg)	6.584
SAR 1g (W/Kg)	13.429
Variation (%)	-2.678
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

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



F. 3D Image

3D screen shot	Hot spot position
	

System check at 2600 MHz

Date of measurement: 29/7/2024

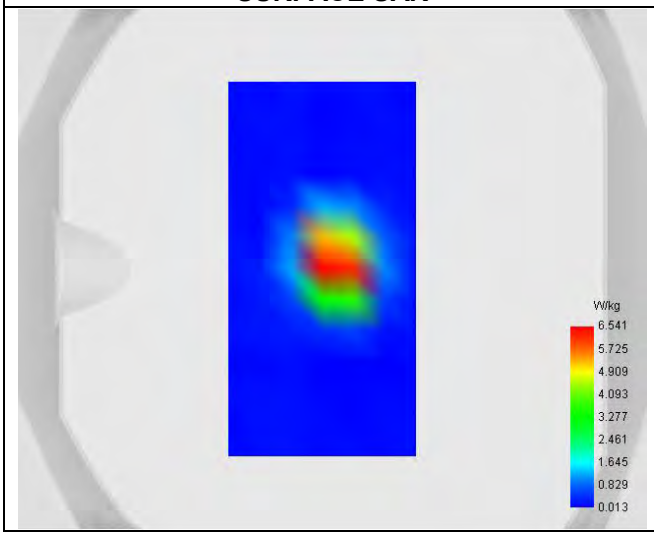
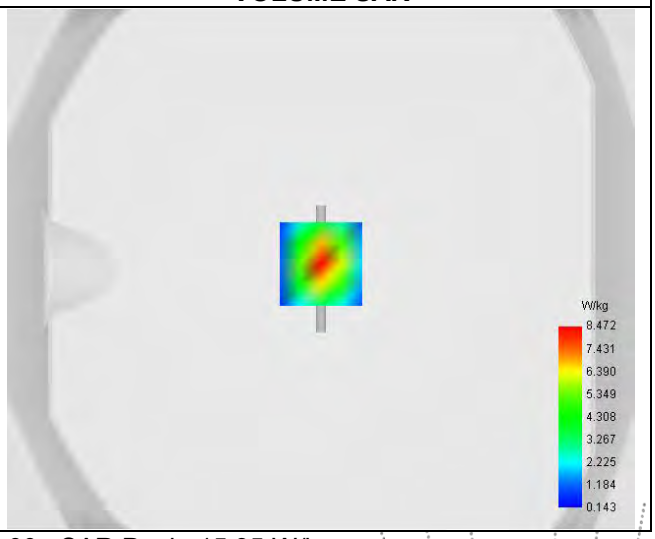
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.19
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)	38.517
Relative permitivity (imaginary part)	14.889
Conductivity (S/m)	1.957

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

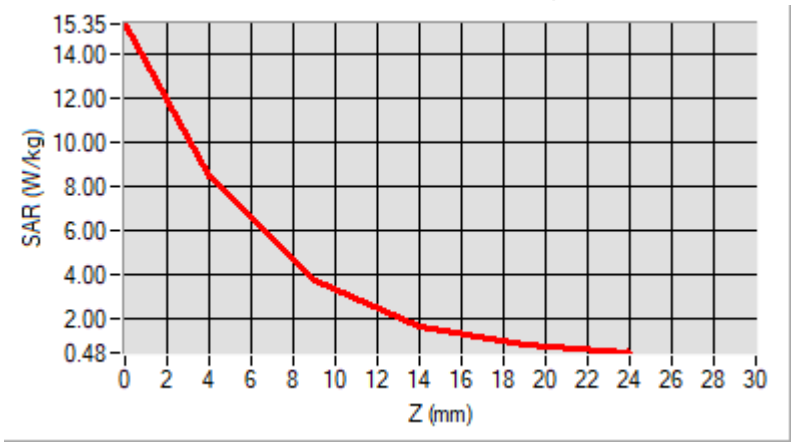
Maximum location: X=0.00, Y=2.00 ; SAR Peak: 15.35 W/kg

D. SAR 1g & 10g

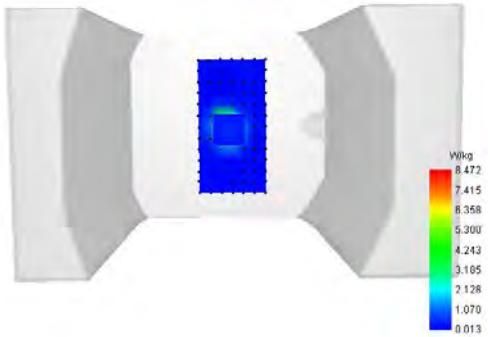
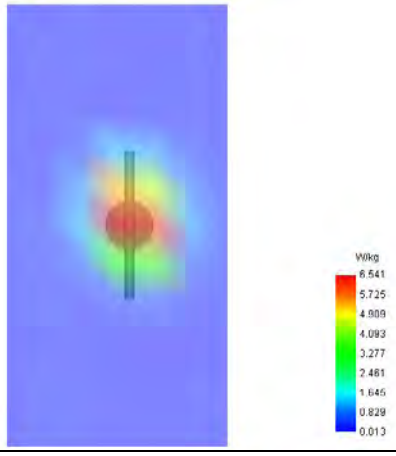
SAR 10g (W/Kg)	7.100
SAR 1g (W/Kg)	13.596
Variation (%)	-4.255
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 7/8/2024

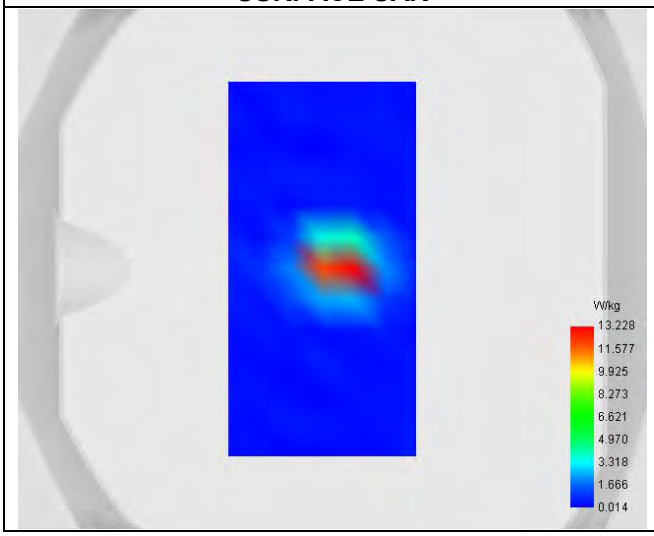
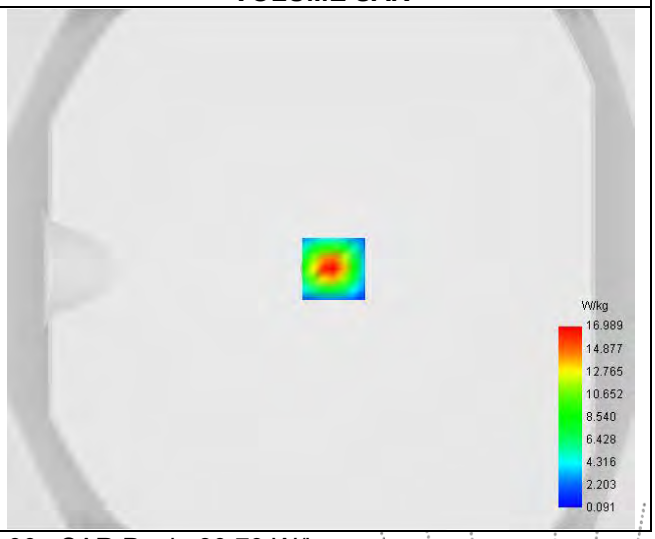
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.97
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)	36.804
Relative permitivity (imaginary part)	18.140
Conductivity (S/m)	4.539

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

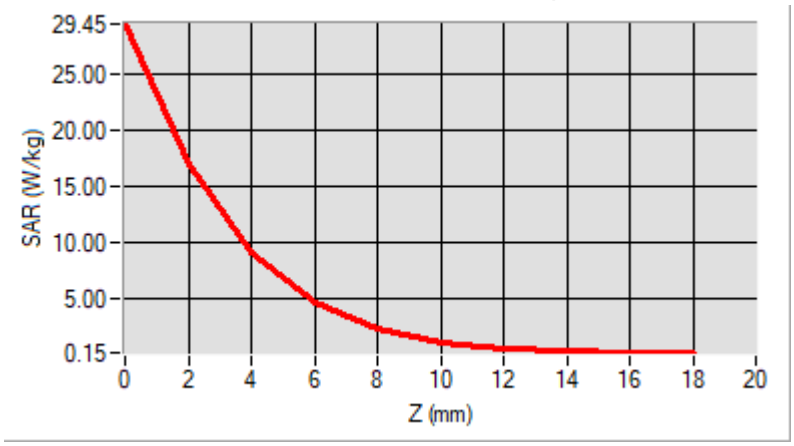
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 30.79 W/kg

D. SAR 1g & 10g

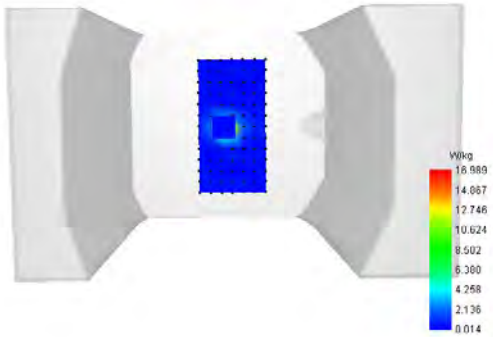
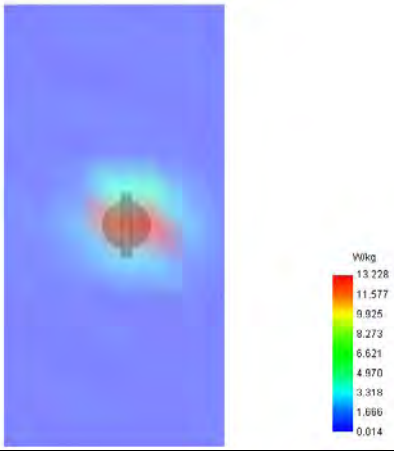
SAR 10g (W/Kg)	8.460
SAR 1g (W/Kg)	19.935
Variation (%)	2.114
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 7/8/2024

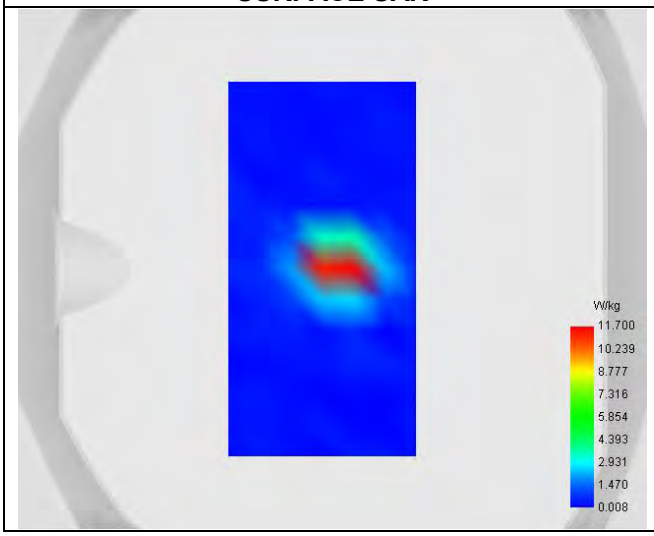
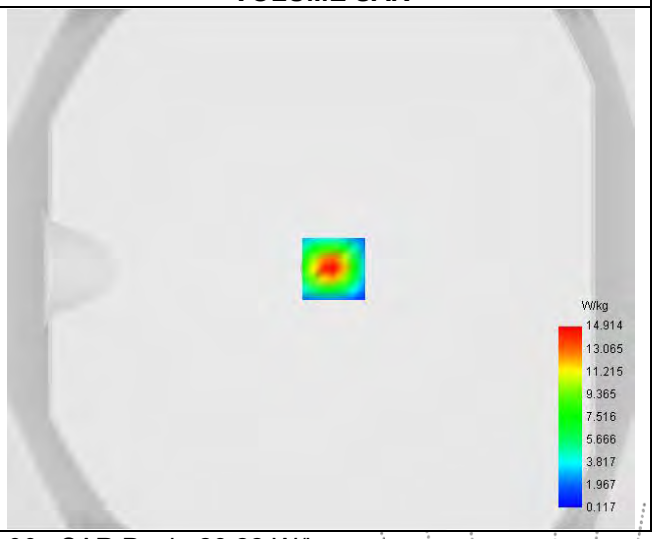
A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	1.05
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)	35.058
Relative permitivity (imaginary part)	18.620
Conductivity (S/m)	5.102

C. SAR Surface and Volume

SURFACE SAR	**VOLUME SAR**
	

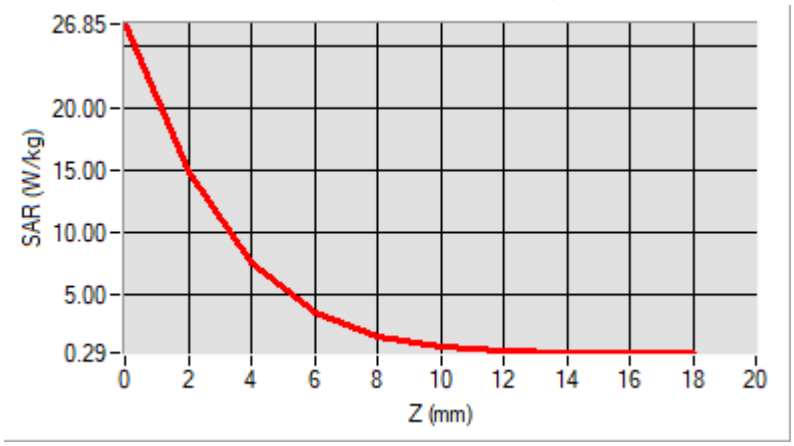
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 28.22 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	8.245
SAR 1g (W/Kg)	19.930
Variation (%)	1.181
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