

Band4	20	20175	1	#Mid	QPSK	23.00	-1.53	21.47	PASS
Band4	20	20175	1	#Max	QPSK	23.00	-1.53	21.47	PASS
Band4	20	20175	50	#0	QPSK	21.82	-1.53	20.29	PASS
Band4	20	20175	50	#Mid	QPSK	21.91	-1.53	20.38	PASS
Band4	20	20175	50	#Max	QPSK	21.96	-1.53	20.43	PASS
Band4	20	20175	100	#0	QPSK	21.86	-1.53	20.33	PASS
Band4	20	20175	1	#0	16QAM	22.03	-1.53	20.50	PASS
Band4	20	20175	1	#Mid	16QAM	22.01	-1.53	20.48	PASS
Band4	20	20175	1	#Max	16QAM	22.11	-1.53	20.58	PASS
Band4	20	20175	50	#0	16QAM	21.02	-1.53	19.49	PASS
Band4	20	20175	50	#Mid	16QAM	21.05	-1.53	19.52	PASS
Band4	20	20175	50	#Max	16QAM	21.04	-1.53	19.51	PASS
Band4	20	20175	100	#0	16QAM	20.94	-1.53	19.41	PASS
Band4	20	20300	1	#0	QPSK	23.06	-1.53	21.53	PASS
Band4	20	20300	1	#Mid	QPSK	23.07	-1.53	21.54	PASS
Band4	20	20300	1	#Max	QPSK	22.98	-1.53	21.45	PASS
Band4	20	20300	50	#0	QPSK	21.88	-1.53	20.35	PASS
Band4	20	20300	50	#Mid	QPSK	21.84	-1.53	20.31	PASS
Band4	20	20300	50	#Max	QPSK	21.81	-1.53	20.28	PASS
Band4	20	20300	100	#0	QPSK	21.94	-1.53	20.41	PASS
Band4	20	20300	1	#0	16QAM	22.09	-1.53	20.56	PASS
Band4	20	20300	1	#Mid	16QAM	22.03	-1.53	20.50	PASS
Band4	20	20300	1	#Max	16QAM	21.90	-1.53	20.37	PASS
Band4	20	20300	50	#0	16QAM	20.97	-1.53	19.44	PASS
Band4	20	20300	50	#Mid	16QAM	20.94	-1.53	19.41	PASS
Band4	20	20300	50	#Max	16QAM	20.92	-1.53	19.39	PASS
Band4	20	20300	100	#0	16QAM	21.00	-1.53	19.47	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	23.28	-6.34	14.79	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.29	-6.34	14.80	PASS
Band5	1.4	20407	1	#Max	QPSK	23.27	-6.34	14.78	PASS
Band5	1.4	20407	3	#0	QPSK	23.16	-6.34	14.67	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.19	-6.34	14.70	PASS
Band5	1.4	20407	3	#Max	QPSK	23.12	-6.34	14.63	PASS
Band5	1.4	20407	6	#0	QPSK	22.14	-6.34	13.65	PASS
Band5	1.4	20407	1	#0	16QAM	23.37	-6.34	14.88	PASS
Band5	1.4	20407	1	#Mid	16QAM	23.42	-6.34	14.93	PASS
Band5	1.4	20407	1	#Max	16QAM	23.44	-6.34	14.95	PASS
Band5	1.4	20407	3	#0	16QAM	22.49	-6.34	14.00	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.42	-6.34	13.93	PASS
Band5	1.4	20407	3	#Max	16QAM	22.47	-6.34	13.98	PASS
Band5	1.4	20407	6	#0	16QAM	21.54	-6.34	13.05	PASS
Band5	1.4	20525	1	#0	QPSK	22.97	-6.34	14.48	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.94	-6.34	14.45	PASS
Band5	1.4	20525	1	#Max	QPSK	23.05	-6.34	14.56	PASS
Band5	1.4	20525	3	#0	QPSK	23.04	-6.34	14.55	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.08	-6.34	14.59	PASS
Band5	1.4	20525	3	#Max	QPSK	22.98	-6.34	14.49	PASS
Band5	1.4	20525	6	#0	QPSK	22.06	-6.34	13.57	PASS
Band5	1.4	20525	1	#0	16QAM	22.76	-6.34	14.27	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.60	-6.34	14.11	PASS
Band5	1.4	20525	1	#Max	16QAM	22.59	-6.34	14.10	PASS
Band5	1.4	20525	3	#0	16QAM	22.13	-6.34	13.64	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.19	-6.34	13.70	PASS
Band5	1.4	20525	3	#Max	16QAM	22.12	-6.34	13.63	PASS
Band5	1.4	20525	6	#0	16QAM	21.15	-6.34	12.66	PASS
Band5	1.4	20643	1	#0	QPSK	23.09	-6.34	14.60	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.09	-6.34	14.60	PASS
Band5	1.4	20643	1	#Max	QPSK	23.09	-6.34	14.60	PASS
Band5	1.4	20643	3	#0	QPSK	22.94	-6.34	14.45	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.98	-6.34	14.49	PASS
Band5	1.4	20643	3	#Max	QPSK	23.05	-6.34	14.56	PASS
Band5	1.4	20643	6	#0	QPSK	22.08	-6.34	13.59	PASS
Band5	1.4	20643	1	#0	16QAM	23.18	-6.34	14.69	PASS
Band5	1.4	20643	1	#Mid	16QAM	23.14	-6.34	14.65	PASS
Band5	1.4	20643	1	#Max	16QAM	23.26	-6.34	14.77	PASS
Band5	1.4	20643	3	#0	16QAM	22.56	-6.34	14.07	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.59	-6.34	14.10	PASS
Band5	1.4	20643	3	#Max	16QAM	22.53	-6.34	14.04	PASS
Band5	1.4	20643	6	#0	16QAM	21.25	-6.34	12.76	PASS
Band5	3	20415	1	#0	QPSK	23.17	-6.34	14.68	PASS
Band5	3	20415	1	#Mid	QPSK	23.07	-6.34	14.58	PASS
Band5	3	20415	1	#Max	QPSK	23.06	-6.34	14.57	PASS
Band5	3	20415	8	#0	QPSK	22.05	-6.34	13.56	PASS
Band5	3	20415	8	#Mid	QPSK	22.06	-6.34	13.57	PASS
Band5	3	20415	8	#Max	QPSK	22.36	-6.34	13.87	PASS
Band5	3	20415	15	#0	QPSK	22.18	-6.34	13.69	PASS
Band5	3	20415	1	#0	16QAM	23.26	-6.34	14.77	PASS
Band5	3	20415	1	#Mid	16QAM	23.18	-6.34	14.69	PASS
Band5	3	20415	1	#Max	16QAM	23.25	-6.34	14.76	PASS
Band5	3	20415	8	#0	16QAM	21.15	-6.34	12.66	PASS
Band5	3	20415	8	#Mid	16QAM	21.18	-6.34	12.69	PASS

Band5	3	20415	8	#Max	16QAM	21.04	-6.34	12.55	PASS
Band5	3	20415	15	#0	16QAM	21.44	-6.34	12.95	PASS
Band5	3	20525	1	#0	QPSK	22.91	-6.34	14.42	PASS
Band5	3	20525	1	#Mid	QPSK	22.99	-6.34	14.50	PASS
Band5	3	20525	1	#Max	QPSK	22.96	-6.34	14.47	PASS
Band5	3	20525	8	#0	QPSK	22.11	-6.34	13.62	PASS
Band5	3	20525	8	#Mid	QPSK	21.98	-6.34	13.49	PASS
Band5	3	20525	8	#Max	QPSK	21.95	-6.34	13.46	PASS
Band5	3	20525	15	#0	QPSK	21.94	-6.34	13.45	PASS
Band5	3	20525	1	#0	16QAM	22.70	-6.34	14.21	PASS
Band5	3	20525	1	#Mid	16QAM	22.52	-6.34	14.03	PASS
Band5	3	20525	1	#Max	16QAM	22.70	-6.34	14.21	PASS
Band5	3	20525	8	#0	16QAM	21.29	-6.34	12.80	PASS
Band5	3	20525	8	#Mid	16QAM	21.37	-6.34	12.88	PASS
Band5	3	20525	8	#Max	16QAM	21.45	-6.34	12.96	PASS
Band5	3	20525	15	#0	16QAM	21.15	-6.34	12.66	PASS
Band5	3	20635	1	#0	QPSK	23.04	-6.34	14.55	PASS
Band5	3	20635	1	#Mid	QPSK	23.08	-6.34	14.59	PASS
Band5	3	20635	1	#Max	QPSK	23.11	-6.34	14.62	PASS
Band5	3	20635	8	#0	QPSK	22.00	-6.34	13.51	PASS
Band5	3	20635	8	#Mid	QPSK	22.03	-6.34	13.54	PASS
Band5	3	20635	8	#Max	QPSK	21.96	-6.34	13.47	PASS
Band5	3	20635	15	#0	QPSK	21.98	-6.34	13.49	PASS
Band5	3	20635	1	#0	16QAM	23.06	-6.34	14.57	PASS
Band5	3	20635	1	#Mid	16QAM	23.13	-6.34	14.64	PASS
Band5	3	20635	1	#Max	16QAM	23.02	-6.34	14.53	PASS
Band5	3	20635	8	#0	16QAM	21.21	-6.34	12.72	PASS
Band5	3	20635	8	#Mid	16QAM	21.08	-6.34	12.59	PASS
Band5	3	20635	8	#Max	16QAM	21.05	-6.34	12.56	PASS
Band5	3	20635	15	#0	16QAM	21.12	-6.34	12.63	PASS
Band5	5	20425	1	#0	QPSK	23.10	-6.34	14.61	PASS
Band5	5	20425	1	#Mid	QPSK	23.06	-6.34	14.57	PASS
Band5	5	20425	1	#Max	QPSK	22.97	-6.34	14.48	PASS
Band5	5	20425	12	#0	QPSK	22.16	-6.34	13.67	PASS
Band5	5	20425	12	#Mid	QPSK	22.23	-6.34	13.74	PASS
Band5	5	20425	12	#Max	QPSK	22.24	-6.34	13.75	PASS
Band5	5	20425	25	#0	QPSK	22.13	-6.34	13.64	PASS
Band5	5	20425	1	#0	16QAM	22.40	-6.34	13.91	PASS
Band5	5	20425	1	#Mid	16QAM	22.32	-6.34	13.83	PASS
Band5	5	20425	1	#Max	16QAM	22.29	-6.34	13.80	PASS
Band5	5	20425	12	#0	16QAM	21.32	-6.34	12.83	PASS
Band5	5	20425	12	#Mid	16QAM	21.03	-6.34	12.54	PASS
Band5	5	20425	12	#Max	16QAM	21.09	-6.34	12.60	PASS
Band5	5	20425	25	#0	16QAM	21.27	-6.34	12.78	PASS
Band5	5	20525	1	#0	QPSK	23.00	-6.34	14.51	PASS
Band5	5	20525	1	#Mid	QPSK	22.98	-6.34	14.49	PASS
Band5	5	20525	1	#Max	QPSK	23.06	-6.34	14.57	PASS
Band5	5	20525	12	#0	QPSK	22.15	-6.34	13.66	PASS
Band5	5	20525	12	#Mid	QPSK	21.96	-6.34	13.47	PASS
Band5	5	20525	12	#Max	QPSK	21.96	-6.34	13.47	PASS
Band5	5	20525	25	#0	QPSK	21.89	-6.34	13.40	PASS
Band5	5	20525	1	#0	16QAM	21.75	-6.34	13.26	PASS
Band5	5	20525	1	#Mid	16QAM	21.58	-6.34	13.09	PASS
Band5	5	20525	1	#Max	16QAM	21.60	-6.34	13.11	PASS
Band5	5	20525	12	#0	16QAM	20.90	-6.34	12.41	PASS
Band5	5	20525	12	#Mid	16QAM	21.05	-6.34	12.56	PASS
Band5	5	20525	12	#Max	16QAM	21.02	-6.34	12.53	PASS

Band5	5	20525	25	#0	16QAM	21.24	-6.34	12.75	PASS
Band5	5	20625	1	#0	QPSK	22.94	-6.34	14.45	PASS
Band5	5	20625	1	#Mid	QPSK	22.91	-6.34	14.42	PASS
Band5	5	20625	1	#Max	QPSK	23.00	-6.34	14.51	PASS
Band5	5	20625	12	#0	QPSK	21.98	-6.34	13.49	PASS
Band5	5	20625	12	#Mid	QPSK	21.97	-6.34	13.48	PASS
Band5	5	20625	12	#Max	QPSK	21.98	-6.34	13.49	PASS
Band5	5	20625	25	#0	QPSK	22.00	-6.34	13.51	PASS
Band5	5	20625	1	#0	16QAM	21.97	-6.34	13.48	PASS
Band5	5	20625	1	#Mid	16QAM	22.04	-6.34	13.55	PASS
Band5	5	20625	1	#Max	16QAM	22.01	-6.34	13.52	PASS
Band5	5	20625	12	#0	16QAM	21.20	-6.34	12.71	PASS
Band5	5	20625	12	#Mid	16QAM	21.22	-6.34	12.73	PASS
Band5	5	20625	12	#Max	16QAM	21.22	-6.34	12.73	PASS
Band5	5	20625	25	#0	16QAM	21.18	-6.34	12.69	PASS
Band5	10	20450	1	#0	QPSK	23.22	-6.34	14.73	PASS
Band5	10	20450	1	#Mid	QPSK	23.21	-6.34	14.72	PASS
Band5	10	20450	1	#Max	QPSK	23.08	-6.34	14.59	PASS
Band5	10	20450	25	#0	QPSK	22.12	-6.34	13.63	PASS
Band5	10	20450	25	#Mid	QPSK	22.18	-6.34	13.69	PASS
Band5	10	20450	25	#Max	QPSK	22.06	-6.34	13.57	PASS
Band5	10	20450	50	#0	QPSK	22.22	-6.34	13.73	PASS
Band5	10	20450	1	#0	16QAM	23.23	-6.34	14.74	PASS
Band5	10	20450	1	#Mid	16QAM	23.30	-6.34	14.81	PASS
Band5	10	20450	1	#Max	16QAM	23.16	-6.34	14.67	PASS
Band5	10	20450	25	#0	16QAM	21.13	-6.34	12.64	PASS
Band5	10	20450	25	#Mid	16QAM	21.18	-6.34	12.69	PASS
Band5	10	20450	25	#Max	16QAM	21.05	-6.34	12.56	PASS
Band5	10	20450	50	#0	16QAM	21.18	-6.34	12.69	PASS
Band5	10	20525	1	#0	QPSK	23.12	-6.34	14.63	PASS
Band5	10	20525	1	#Mid	QPSK	23.15	-6.34	14.66	PASS
Band5	10	20525	1	#Max	QPSK	23.22	-6.34	14.73	PASS
Band5	10	20525	25	#0	QPSK	22.02	-6.34	13.53	PASS
Band5	10	20525	25	#Mid	QPSK	21.98	-6.34	13.49	PASS
Band5	10	20525	25	#Max	QPSK	22.03	-6.34	13.54	PASS
Band5	10	20525	50	#0	QPSK	21.95	-6.34	13.46	PASS
Band5	10	20525	1	#0	16QAM	22.12	-6.34	13.63	PASS
Band5	10	20525	1	#Mid	16QAM	22.09	-6.34	13.60	PASS
Band5	10	20525	1	#Max	16QAM	22.06	-6.34	13.57	PASS
Band5	10	20525	25	#0	16QAM	21.14	-6.34	12.65	PASS
Band5	10	20525	25	#Mid	16QAM	21.28	-6.34	12.79	PASS
Band5	10	20525	25	#Max	16QAM	21.08	-6.34	12.59	PASS
Band5	10	20525	50	#0	16QAM	21.28	-6.34	12.79	PASS
Band5	10	20600	1	#0	QPSK	23.08	-6.34	14.59	PASS
Band5	10	20600	1	#Mid	QPSK	23.02	-6.34	14.53	PASS
Band5	10	20600	1	#Max	QPSK	23.16	-6.34	14.67	PASS
Band5	10	20600	25	#0	QPSK	22.00	-6.34	13.51	PASS
Band5	10	20600	25	#Mid	QPSK	21.91	-6.34	13.42	PASS
Band5	10	20600	25	#Max	QPSK	21.97	-6.34	13.48	PASS
Band5	10	20600	50	#0	QPSK	22.08	-6.34	13.59	PASS
Band5	10	20600	1	#0	16QAM	22.01	-6.34	13.52	PASS
Band5	10	20600	1	#Mid	16QAM	22.07	-6.34	13.58	PASS
Band5	10	20600	1	#Max	16QAM	22.02	-6.34	13.53	PASS
Band5	10	20600	25	#0	16QAM	21.01	-6.34	12.52	PASS
Band5	10	20600	25	#Mid	16QAM	20.98	-6.34	12.49	PASS
Band5	10	20600	25	#Max	16QAM	21.17	-6.34	12.68	PASS
Band5	10	20600	50	#0	16QAM	21.12	-6.34	12.63	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	22.33	-0.7	21.63	PASS
Band7	5	20775	1	#Mid	QPSK	22.25	-0.7	21.55	PASS
Band7	5	20775	1	#Max	QPSK	22.35	-0.7	21.65	PASS
Band7	5	20775	12	#0	QPSK	21.31	-0.7	20.61	PASS
Band7	5	20775	12	#Mid	QPSK	21.32	-0.7	20.62	PASS
Band7	5	20775	12	#Max	QPSK	21.33	-0.7	20.63	PASS
Band7	5	20775	25	#0	QPSK	21.28	-0.7	20.58	PASS
Band7	5	20775	1	#0	16QAM	21.37	-0.7	20.67	PASS
Band7	5	20775	1	#Mid	16QAM	0.00	-0.7	-0.70	PASS
Band7	5	20775	1	#Max	16QAM	20.92	-0.7	20.22	PASS
Band7	5	20775	12	#0	16QAM	20.13	-0.7	19.43	PASS
Band7	5	20775	12	#Mid	16QAM	20.24	-0.7	19.54	PASS
Band7	5	20775	12	#Max	16QAM	20.30	-0.7	19.60	PASS
Band7	5	20775	25	#0	16QAM	20.44	-0.7	19.74	PASS
Band7	5	21100	1	#0	QPSK	21.96	-0.7	21.26	PASS
Band7	5	21100	1	#Mid	QPSK	21.97	-0.7	21.27	PASS
Band7	5	21100	1	#Max	QPSK	21.87	-0.7	21.17	PASS
Band7	5	21100	12	#0	QPSK	21.21	-0.7	20.51	PASS
Band7	5	21100	12	#Mid	QPSK	20.95	-0.7	20.25	PASS
Band7	5	21100	12	#Max	QPSK	20.97	-0.7	20.27	PASS
Band7	5	21100	25	#0	QPSK	20.99	-0.7	20.29	PASS
Band7	5	21100	1	#0	16QAM	21.41	-0.7	20.71	PASS
Band7	5	21100	1	#Mid	16QAM	21.29	-0.7	20.59	PASS
Band7	5	21100	1	#Max	16QAM	21.33	-0.7	20.63	PASS
Band7	5	21100	12	#0	16QAM	20.23	-0.7	19.53	PASS
Band7	5	21100	12	#Mid	16QAM	20.19	-0.7	19.49	PASS
Band7	5	21100	12	#Max	16QAM	20.02	-0.7	19.32	PASS
Band7	5	21100	25	#0	16QAM	20.21	-0.7	19.51	PASS
Band7	5	21425	1	#0	QPSK	21.85	-0.7	21.15	PASS
Band7	5	21425	1	#Mid	QPSK	21.91	-0.7	21.21	PASS
Band7	5	21425	1	#Max	QPSK	21.93	-0.7	21.23	PASS
Band7	5	21425	12	#0	QPSK	21.07	-0.7	20.37	PASS
Band7	5	21425	12	#Mid	QPSK	21.05	-0.7	20.35	PASS
Band7	5	21425	12	#Max	QPSK	20.87	-0.7	20.17	PASS
Band7	5	21425	25	#0	QPSK	20.89	-0.7	20.19	PASS
Band7	5	21425	1	#0	16QAM	20.98	-0.7	20.28	PASS
Band7	5	21425	1	#Mid	16QAM	21.05	-0.7	20.35	PASS
Band7	5	21425	1	#Max	16QAM	20.99	-0.7	20.29	PASS
Band7	5	21425	12	#0	16QAM	19.94	-0.7	19.24	PASS
Band7	5	21425	12	#Mid	16QAM	19.93	-0.7	19.23	PASS
Band7	5	21425	12	#Max	16QAM	19.92	-0.7	19.22	PASS
Band7	5	21425	25	#0	16QAM	20.15	-0.7	19.45	PASS
Band7	10	20800	1	#0	QPSK	21.82	-0.7	21.12	PASS
Band7	10	20800	1	#Mid	QPSK	21.83	-0.7	21.13	PASS
Band7	10	20800	1	#Max	QPSK	21.72	-0.7	21.02	PASS
Band7	10	20800	25	#0	QPSK	21.01	-0.7	20.31	PASS
Band7	10	20800	25	#Mid	QPSK	20.80	-0.7	20.10	PASS
Band7	10	20800	25	#Max	QPSK	20.90	-0.7	20.20	PASS
Band7	10	20800	50	#0	QPSK	20.71	-0.7	20.01	PASS
Band7	10	20800	1	#0	16QAM	21.99	-0.7	21.29	PASS
Band7	10	20800	1	#Mid	16QAM	21.93	-0.7	21.23	PASS
Band7	10	20800	1	#Max	16QAM	21.97	-0.7	21.27	PASS
Band7	10	20800	25	#0	16QAM	19.95	-0.7	19.25	PASS
Band7	10	20800	25	#Mid	16QAM	19.98	-0.7	19.28	PASS
Band7	10	20800	25	#Max	16QAM	19.71	-0.7	19.01	PASS

Band7	10	20800	50	#0	16QAM	20.03	-0.7	19.33	PASS
Band7	10	21100	1	#0	QPSK	21.65	-0.7	20.95	PASS
Band7	10	21100	1	#Mid	QPSK	21.68	-0.7	20.98	PASS
Band7	10	21100	1	#Max	QPSK	21.80	-0.7	21.10	PASS
Band7	10	21100	25	#0	QPSK	20.84	-0.7	20.14	PASS
Band7	10	21100	25	#Mid	QPSK	20.76	-0.7	20.06	PASS
Band7	10	21100	25	#Max	QPSK	20.64	-0.7	19.94	PASS
Band7	10	21100	50	#0	QPSK	20.81	-0.7	20.11	PASS
Band7	10	21100	1	#0	16QAM	20.73	-0.7	20.03	PASS
Band7	10	21100	1	#Mid	16QAM	20.63	-0.7	19.93	PASS
Band7	10	21100	1	#Max	16QAM	20.69	-0.7	19.99	PASS
Band7	10	21100	25	#0	16QAM	19.92	-0.7	19.22	PASS
Band7	10	21100	25	#Mid	16QAM	19.92	-0.7	19.22	PASS
Band7	10	21100	25	#Max	16QAM	19.66	-0.7	18.96	PASS
Band7	10	21100	50	#0	16QAM	19.93	-0.7	19.23	PASS
Band7	10	21400	1	#0	QPSK	21.74	-0.7	21.04	PASS
Band7	10	21400	1	#Mid	QPSK	21.72	-0.7	21.02	PASS
Band7	10	21400	1	#Max	QPSK	21.75	-0.7	21.05	PASS
Band7	10	21400	25	#0	QPSK	20.60	-0.7	19.90	PASS
Band7	10	21400	25	#Mid	QPSK	20.62	-0.7	19.92	PASS
Band7	10	21400	25	#Max	QPSK	20.67	-0.7	19.97	PASS
Band7	10	21400	50	#0	QPSK	20.51	-0.7	19.81	PASS
Band7	10	21400	1	#0	16QAM	20.68	-0.7	19.98	PASS
Band7	10	21400	1	#Mid	16QAM	20.50	-0.7	19.80	PASS
Band7	10	21400	1	#Max	16QAM	20.48	-0.7	19.78	PASS
Band7	10	21400	25	#0	16QAM	19.64	-0.7	18.94	PASS
Band7	10	21400	25	#Mid	16QAM	19.77	-0.7	19.07	PASS
Band7	10	21400	25	#Max	16QAM	19.64	-0.7	18.94	PASS
Band7	10	21400	50	#0	16QAM	19.84	-0.7	19.14	PASS
Band7	15	20825	1	#0	QPSK	21.85	-0.7	21.15	PASS
Band7	15	20825	1	#Mid	QPSK	21.87	-0.7	21.17	PASS
Band7	15	20825	1	#Max	QPSK	21.79	-0.7	21.09	PASS
Band7	15	20825	36	#0	QPSK	20.90	-0.7	20.20	PASS
Band7	15	20825	36	#Mid	QPSK	20.90	-0.7	20.20	PASS
Band7	15	20825	36	#Max	QPSK	20.91	-0.7	20.21	PASS
Band7	15	20825	75	#0	QPSK	20.94	-0.7	20.24	PASS
Band7	15	20825	1	#0	16QAM	22.06	-0.7	21.36	PASS
Band7	15	20825	1	#Mid	16QAM	22.09	-0.7	21.39	PASS
Band7	15	20825	1	#Max	16QAM	22.03	-0.7	21.33	PASS
Band7	15	20825	36	#0	16QAM	20.16	-0.7	19.46	PASS
Band7	15	20825	36	#Mid	16QAM	19.84	-0.7	19.14	PASS
Band7	15	20825	36	#Max	16QAM	20.06	-0.7	19.36	PASS
Band7	15	20825	75	#0	16QAM	19.91	-0.7	19.21	PASS
Band7	15	21100	1	#0	QPSK	21.71	-0.7	21.01	PASS
Band7	15	21100	1	#Mid	QPSK	21.75	-0.7	21.05	PASS
Band7	15	21100	1	#Max	QPSK	21.76	-0.7	21.06	PASS
Band7	15	21100	36	#0	QPSK	20.60	-0.7	19.90	PASS
Band7	15	21100	36	#Mid	QPSK	20.64	-0.7	19.94	PASS
Band7	15	21100	36	#Max	QPSK	20.75	-0.7	20.05	PASS
Band7	15	21100	75	#0	QPSK	20.70	-0.7	20.00	PASS
Band7	15	21100	1	#0	16QAM	20.59	-0.7	19.89	PASS
Band7	15	21100	1	#Mid	16QAM	20.65	-0.7	19.95	PASS
Band7	15	21100	1	#Max	16QAM	20.61	-0.7	19.91	PASS
Band7	15	21100	36	#0	16QAM	20.01	-0.7	19.31	PASS
Band7	15	21100	36	#Mid	16QAM	19.94	-0.7	19.24	PASS
Band7	15	21100	36	#Max	16QAM	19.88	-0.7	19.18	PASS
Band7	15	21100	75	#0	16QAM	19.92	-0.7	19.22	PASS

Band7	15	21375	1	#0	QPSK	21.82	-0.7	21.12	PASS
Band7	15	21375	1	#Mid	QPSK	21.77	-0.7	21.07	PASS
Band7	15	21375	1	#Max	QPSK	21.75	-0.7	21.05	PASS
Band7	15	21375	36	#0	QPSK	20.58	-0.7	19.88	PASS
Band7	15	21375	36	#Mid	QPSK	20.65	-0.7	19.95	PASS
Band7	15	21375	36	#Max	QPSK	20.59	-0.7	19.89	PASS
Band7	15	21375	75	#0	QPSK	20.67	-0.7	19.97	PASS
Band7	15	21375	1	#0	16QAM	21.28	-0.7	20.58	PASS
Band7	15	21375	1	#Mid	16QAM	21.27	-0.7	20.57	PASS
Band7	15	21375	1	#Max	16QAM	21.19	-0.7	20.49	PASS
Band7	15	21375	36	#0	16QAM	19.79	-0.7	19.09	PASS
Band7	15	21375	36	#Mid	16QAM	19.63	-0.7	18.93	PASS
Band7	15	21375	36	#Max	16QAM	19.63	-0.7	18.93	PASS
Band7	15	21375	75	#0	16QAM	19.75	-0.7	19.05	PASS
Band7	20	20850	1	#0	QPSK	21.73	-0.7	21.03	PASS
Band7	20	20850	1	#Mid	QPSK	21.67	-0.7	20.97	PASS
Band7	20	20850	1	#Max	QPSK	21.64	-0.7	20.94	PASS
Band7	20	20850	50	#0	QPSK	20.88	-0.7	20.18	PASS
Band7	20	20850	50	#Mid	QPSK	20.76	-0.7	20.06	PASS
Band7	20	20850	50	#Max	QPSK	20.69	-0.7	19.99	PASS
Band7	20	20850	100	#0	QPSK	20.88	-0.7	20.18	PASS
Band7	20	20850	1	#0	16QAM	20.59	-0.7	19.89	PASS
Band7	20	20850	1	#Mid	16QAM	20.65	-0.7	19.95	PASS
Band7	20	20850	1	#Max	16QAM	20.58	-0.7	19.88	PASS
Band7	20	20850	50	#0	16QAM	20.37	-0.7	19.67	PASS
Band7	20	20850	50	#Mid	16QAM	20.20	-0.7	19.50	PASS
Band7	20	20850	50	#Max	16QAM	19.93	-0.7	19.23	PASS
Band7	20	20850	100	#0	16QAM	20.05	-0.7	19.35	PASS
Band7	20	21100	1	#0	QPSK	21.89	-0.7	21.19	PASS
Band7	20	21100	1	#Mid	QPSK	21.96	-0.7	21.26	PASS
Band7	20	21100	1	#Max	QPSK	22.00	-0.7	21.30	PASS
Band7	20	21100	50	#0	QPSK	20.66	-0.7	19.96	PASS
Band7	20	21100	50	#Mid	QPSK	20.87	-0.7	20.17	PASS
Band7	20	21100	50	#Max	QPSK	20.74	-0.7	20.04	PASS
Band7	20	21100	100	#0	QPSK	20.77	-0.7	20.07	PASS
Band7	20	21100	1	#0	16QAM	20.82	-0.7	20.12	PASS
Band7	20	21100	1	#Mid	16QAM	20.82	-0.7	20.12	PASS
Band7	20	21100	1	#Max	16QAM	20.87	-0.7	20.17	PASS
Band7	20	21100	50	#0	16QAM	19.84	-0.7	19.14	PASS
Band7	20	21100	50	#Mid	16QAM	19.93	-0.7	19.23	PASS
Band7	20	21100	50	#Max	16QAM	19.88	-0.7	19.18	PASS
Band7	20	21100	100	#0	16QAM	19.79	-0.7	19.09	PASS
Band7	20	21350	1	#0	QPSK	21.84	-0.7	21.14	PASS
Band7	20	21350	1	#Mid	QPSK	21.88	-0.7	21.18	PASS
Band7	20	21350	1	#Max	QPSK	21.84	-0.7	21.14	PASS
Band7	20	21350	50	#0	QPSK	20.71	-0.7	20.01	PASS
Band7	20	21350	50	#Mid	QPSK	20.66	-0.7	19.96	PASS
Band7	20	21350	50	#Max	QPSK	20.63	-0.7	19.93	PASS
Band7	20	21350	100	#0	QPSK	20.55	-0.7	19.85	PASS
Band7	20	21350	1	#0	16QAM	20.55	-0.7	19.85	PASS
Band7	20	21350	1	#Mid	16QAM	20.51	-0.7	19.81	PASS
Band7	20	21350	1	#Max	16QAM	20.43	-0.7	19.73	PASS
Band7	20	21350	50	#0	16QAM	19.70	-0.7	19.00	PASS
Band7	20	21350	50	#Mid	16QAM	19.87	-0.7	19.17	PASS
Band7	20	21350	50	#Max	16QAM	19.86	-0.7	19.16	PASS
Band7	20	21350	100	#0	16QAM	19.83	-0.7	19.13	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	23.09	-6.43	14.51	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.10	-6.43	14.52	PASS
Band12	1.4	23017	1	#Max	QPSK	23.02	-6.43	14.44	PASS
Band12	1.4	23017	3	#0	QPSK	22.94	-6.43	14.36	PASS
Band12	1.4	23017	3	#Mid	QPSK	22.95	-6.43	14.37	PASS
Band12	1.4	23017	3	#Max	QPSK	23.03	-6.43	14.45	PASS
Band12	1.4	23017	6	#0	QPSK	22.00	-6.43	13.42	PASS
Band12	1.4	23017	1	#0	16QAM	23.26	-6.43	14.68	PASS
Band12	1.4	23017	1	#Mid	16QAM	23.32	-6.43	14.74	PASS
Band12	1.4	23017	1	#Max	16QAM	23.22	-6.43	14.64	PASS
Band12	1.4	23017	3	#0	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.35	-6.43	13.77	PASS
Band12	1.4	23017	3	#Max	16QAM	22.35	-6.43	13.77	PASS
Band12	1.4	23017	6	#0	16QAM	21.24	-6.43	12.66	PASS
Band12	1.4	23095	1	#0	QPSK	22.89	-6.43	14.31	PASS
Band12	1.4	23095	1	#Mid	QPSK	22.92	-6.43	14.34	PASS
Band12	1.4	23095	1	#Max	QPSK	22.85	-6.43	14.27	PASS
Band12	1.4	23095	3	#0	QPSK	22.96	-6.43	14.38	PASS
Band12	1.4	23095	3	#Mid	QPSK	22.76	-6.43	14.18	PASS
Band12	1.4	23095	3	#Max	QPSK	22.84	-6.43	14.26	PASS
Band12	1.4	23095	6	#0	QPSK	22.01	-6.43	13.43	PASS
Band12	1.4	23095	1	#0	16QAM	22.66	-6.43	14.08	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.56	-6.43	13.98	PASS
Band12	1.4	23095	1	#Max	16QAM	22.57	-6.43	13.99	PASS
Band12	1.4	23095	3	#0	16QAM	22.31	-6.43	13.73	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.34	-6.43	13.76	PASS
Band12	1.4	23095	3	#Max	16QAM	22.26	-6.43	13.68	PASS
Band12	1.4	23095	6	#0	16QAM	21.02	-6.43	12.44	PASS
Band12	1.4	23173	1	#0	QPSK	22.96	-6.43	14.38	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.04	-6.43	14.46	PASS
Band12	1.4	23173	1	#Max	QPSK	22.99	-6.43	14.41	PASS
Band12	1.4	23173	3	#0	QPSK	22.91	-6.43	14.33	PASS
Band12	1.4	23173	3	#Mid	QPSK	22.88	-6.43	14.30	PASS
Band12	1.4	23173	3	#Max	QPSK	22.90	-6.43	14.32	PASS
Band12	1.4	23173	6	#0	QPSK	21.89	-6.43	13.31	PASS
Band12	1.4	23173	1	#0	16QAM	23.32	-6.43	14.74	PASS
Band12	1.4	23173	1	#Mid	16QAM	23.36	-6.43	14.78	PASS
Band12	1.4	23173	1	#Max	16QAM	23.31	-6.43	14.73	PASS
Band12	1.4	23173	3	#0	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.29	-6.43	13.71	PASS
Band12	1.4	23173	3	#Max	16QAM	22.33	-6.43	13.75	PASS
Band12	1.4	23173	6	#0	16QAM	21.26	-6.43	12.68	PASS
Band12	3	23025	1	#0	QPSK	23.00	-6.43	14.42	PASS
Band12	3	23025	1	#Mid	QPSK	22.90	-6.43	14.32	PASS
Band12	3	23025	1	#Max	QPSK	23.01	-6.43	14.43	PASS
Band12	3	23025	8	#0	QPSK	21.99	-6.43	13.41	PASS
Band12	3	23025	8	#Mid	QPSK	22.08	-6.43	13.50	PASS
Band12	3	23025	8	#Max	QPSK	22.09	-6.43	13.51	PASS
Band12	3	23025	15	#0	QPSK	22.00	-6.43	13.42	PASS
Band12	3	23025	1	#0	16QAM	22.92	-6.43	14.34	PASS
Band12	3	23025	1	#Mid	16QAM	22.83	-6.43	14.25	PASS
Band12	3	23025	1	#Max	16QAM	22.82	-6.43	14.24	PASS
Band12	3	23025	8	#0	16QAM	20.81	-6.43	12.23	PASS
Band12	3	23025	8	#Mid	16QAM	20.82	-6.43	12.24	PASS
Band12	3	23025	8	#Max	16QAM	20.90	-6.43	12.32	PASS

Band12	3	23025	15	#0	16QAM	20.98	-6.43	12.40	PASS
Band12	3	23095	1	#0	QPSK	22.77	-6.43	14.19	PASS
Band12	3	23095	1	#Mid	QPSK	22.80	-6.43	14.22	PASS
Band12	3	23095	1	#Max	QPSK	22.77	-6.43	14.19	PASS
Band12	3	23095	8	#0	QPSK	21.79	-6.43	13.21	PASS
Band12	3	23095	8	#Mid	QPSK	21.96	-6.43	13.38	PASS
Band12	3	23095	8	#Max	QPSK	21.91	-6.43	13.33	PASS
Band12	3	23095	15	#0	QPSK	21.98	-6.43	13.40	PASS
Band12	3	23095	1	#0	16QAM	22.47	-6.43	13.89	PASS
Band12	3	23095	1	#Mid	16QAM	22.47	-6.43	13.89	PASS
Band12	3	23095	1	#Max	16QAM	22.57	-6.43	13.99	PASS
Band12	3	23095	8	#0	16QAM	21.27	-6.43	12.69	PASS
Band12	3	23095	8	#Mid	16QAM	21.14	-6.43	12.56	PASS
Band12	3	23095	8	#Max	16QAM	21.16	-6.43	12.58	PASS
Band12	3	23095	15	#0	16QAM	20.94	-6.43	12.36	PASS
Band12	3	23165	1	#0	QPSK	23.07	-6.43	14.49	PASS
Band12	3	23165	1	#Mid	QPSK	22.99	-6.43	14.41	PASS
Band12	3	23165	1	#Max	QPSK	23.10	-6.43	14.52	PASS
Band12	3	23165	8	#0	QPSK	21.91	-6.43	13.33	PASS
Band12	3	23165	8	#Mid	QPSK	21.92	-6.43	13.34	PASS
Band12	3	23165	8	#Max	QPSK	21.92	-6.43	13.34	PASS
Band12	3	23165	15	#0	QPSK	21.90	-6.43	13.32	PASS
Band12	3	23165	1	#0	16QAM	22.99	-6.43	14.41	PASS
Band12	3	23165	1	#Mid	16QAM	23.00	-6.43	14.42	PASS
Band12	3	23165	1	#Max	16QAM	23.05	-6.43	14.47	PASS
Band12	3	23165	8	#0	16QAM	21.08	-6.43	12.50	PASS
Band12	3	23165	8	#Mid	16QAM	21.09	-6.43	12.51	PASS
Band12	3	23165	8	#Max	16QAM	21.11	-6.43	12.53	PASS
Band12	3	23165	15	#0	16QAM	21.12	-6.43	12.54	PASS
Band12	5	23035	1	#0	QPSK	22.93	-6.43	14.35	PASS
Band12	5	23035	1	#Mid	QPSK	22.85	-6.43	14.27	PASS
Band12	5	23035	1	#Max	QPSK	22.85	-6.43	14.27	PASS
Band12	5	23035	12	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	5	23035	12	#Mid	QPSK	21.87	-6.43	13.29	PASS
Band12	5	23035	12	#Max	QPSK	21.98	-6.43	13.40	PASS
Band12	5	23035	25	#0	QPSK	21.93	-6.43	13.35	PASS
Band12	5	23035	1	#0	16QAM	22.09	-6.43	13.51	PASS
Band12	5	23035	1	#Mid	16QAM	22.05	-6.43	13.47	PASS
Band12	5	23035	1	#Max	16QAM	22.20	-6.43	13.62	PASS
Band12	5	23035	12	#0	16QAM	20.83	-6.43	12.25	PASS
Band12	5	23035	12	#Mid	16QAM	20.85	-6.43	12.27	PASS
Band12	5	23035	12	#Max	16QAM	20.81	-6.43	12.23	PASS
Band12	5	23035	25	#0	16QAM	21.05	-6.43	12.47	PASS
Band12	5	23095	1	#0	QPSK	22.71	-6.43	14.13	PASS
Band12	5	23095	1	#Mid	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23095	1	#Max	QPSK	22.78	-6.43	14.20	PASS
Band12	5	23095	12	#0	QPSK	21.83	-6.43	13.25	PASS
Band12	5	23095	12	#Mid	QPSK	21.98	-6.43	13.40	PASS
Band12	5	23095	12	#Max	QPSK	21.94	-6.43	13.36	PASS
Band12	5	23095	25	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	5	23095	1	#0	16QAM	21.44	-6.43	12.86	PASS
Band12	5	23095	1	#Mid	16QAM	21.50	-6.43	12.92	PASS
Band12	5	23095	1	#Max	16QAM	21.58	-6.43	13.00	PASS
Band12	5	23095	12	#0	16QAM	20.95	-6.43	12.37	PASS
Band12	5	23095	12	#Mid	16QAM	20.80	-6.43	12.22	PASS
Band12	5	23095	12	#Max	16QAM	20.67	-6.43	12.09	PASS
Band12	5	23095	25	#0	16QAM	20.98	-6.43	12.40	PASS

Band12	5	23155	1	#0	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23155	1	#Mid	QPSK	22.71	-6.43	14.13	PASS
Band12	5	23155	1	#Max	QPSK	22.76	-6.43	14.18	PASS
Band12	5	23155	12	#0	QPSK	21.83	-6.43	13.25	PASS
Band12	5	23155	12	#Mid	QPSK	21.78	-6.43	13.20	PASS
Band12	5	23155	12	#Max	QPSK	21.93	-6.43	13.35	PASS
Band12	5	23155	25	#0	QPSK	21.96	-6.43	13.38	PASS
Band12	5	23155	1	#0	16QAM	22.57	-6.43	13.99	PASS
Band12	5	23155	1	#Mid	16QAM	22.45	-6.43	13.87	PASS
Band12	5	23155	1	#Max	16QAM	22.49	-6.43	13.91	PASS
Band12	5	23155	12	#0	16QAM	20.85	-6.43	12.27	PASS
Band12	5	23155	12	#Mid	16QAM	21.09	-6.43	12.51	PASS
Band12	5	23155	12	#Max	16QAM	21.12	-6.43	12.54	PASS
Band12	5	23155	25	#0	16QAM	21.20	-6.43	12.62	PASS
Band12	10	23060	1	#0	QPSK	22.87	-6.43	14.29	PASS
Band12	10	23060	1	#Mid	QPSK	22.92	-6.43	14.34	PASS
Band12	10	23060	1	#Max	QPSK	22.77	-6.43	14.19	PASS
Band12	10	23060	25	#0	QPSK	22.05	-6.43	13.47	PASS
Band12	10	23060	25	#Mid	QPSK	21.91	-6.43	13.33	PASS
Band12	10	23060	25	#Max	QPSK	21.80	-6.43	13.22	PASS
Band12	10	23060	50	#0	QPSK	22.09	-6.43	13.51	PASS
Band12	10	23060	1	#0	16QAM	23.04	-6.43	14.46	PASS
Band12	10	23060	1	#Mid	16QAM	23.04	-6.43	14.46	PASS
Band12	10	23060	1	#Max	16QAM	23.02	-6.43	14.44	PASS
Band12	10	23060	25	#0	16QAM	20.89	-6.43	12.31	PASS
Band12	10	23060	25	#Mid	16QAM	20.79	-6.43	12.21	PASS
Band12	10	23060	25	#Max	16QAM	20.90	-6.43	12.32	PASS
Band12	10	23060	50	#0	16QAM	20.87	-6.43	12.29	PASS
Band12	10	23095	1	#0	QPSK	22.92	-6.43	14.34	PASS
Band12	10	23095	1	#Mid	QPSK	22.78	-6.43	14.20	PASS
Band12	10	23095	1	#Max	QPSK	22.86	-6.43	14.28	PASS
Band12	10	23095	25	#0	QPSK	21.92	-6.43	13.34	PASS
Band12	10	23095	25	#Mid	QPSK	22.07	-6.43	13.49	PASS
Band12	10	23095	25	#Max	QPSK	21.82	-6.43	13.24	PASS
Band12	10	23095	50	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	10	23095	1	#0	16QAM	21.89	-6.43	13.31	PASS
Band12	10	23095	1	#Mid	16QAM	21.89	-6.43	13.31	PASS
Band12	10	23095	1	#Max	16QAM	21.98	-6.43	13.40	PASS
Band12	10	23095	25	#0	16QAM	21.14	-6.43	12.56	PASS
Band12	10	23095	25	#Mid	16QAM	20.98	-6.43	12.40	PASS
Band12	10	23095	25	#Max	16QAM	20.85	-6.43	12.27	PASS
Band12	10	23095	50	#0	16QAM	20.98	-6.43	12.40	PASS
Band12	10	23130	1	#0	QPSK	22.97	-6.43	14.39	PASS
Band12	10	23130	1	#Mid	QPSK	23.16	-6.43	14.58	PASS
Band12	10	23130	1	#Max	QPSK	23.21	-6.43	14.63	PASS
Band12	10	23130	25	#0	QPSK	22.02	-6.43	13.44	PASS
Band12	10	23130	25	#Mid	QPSK	21.85	-6.43	13.27	PASS
Band12	10	23130	25	#Max	QPSK	21.80	-6.43	13.22	PASS
Band12	10	23130	50	#0	QPSK	21.89	-6.43	13.31	PASS
Band12	10	23130	1	#0	16QAM	21.85	-6.43	13.27	PASS
Band12	10	23130	1	#Mid	16QAM	21.90	-6.43	13.32	PASS
Band12	10	23130	1	#Max	16QAM	21.99	-6.43	13.41	PASS
Band12	10	23130	25	#0	16QAM	20.99	-6.43	12.41	PASS
Band12	10	23130	25	#Mid	16QAM	20.93	-6.43	12.35	PASS
Band12	10	23130	25	#Max	16QAM	21.11	-6.43	12.53	PASS
Band12	10	23130	50	#0	16QAM	20.89	-6.43	12.31	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	22.93	-6.43	14.35	PASS
Band17	5	23755	1	#Mid	QPSK	22.85	-6.43	14.27	PASS
Band17	5	23755	1	#Max	QPSK	22.77	-6.43	14.19	PASS
Band17	5	23755	12	#0	QPSK	21.81	-6.43	13.23	PASS
Band17	5	23755	12	#Mid	QPSK	21.85	-6.43	13.27	PASS
Band17	5	23755	12	#Max	QPSK	21.97	-6.43	13.39	PASS
Band17	5	23755	25	#0	QPSK	21.79	-6.43	13.21	PASS
Band17	5	23755	1	#0	16QAM	22.16	-6.43	13.58	PASS
Band17	5	23755	1	#Mid	16QAM	21.90	-6.43	13.32	PASS
Band17	5	23755	1	#Max	16QAM	21.91	-6.43	13.33	PASS
Band17	5	23755	12	#0	16QAM	21.01	-6.43	12.43	PASS
Band17	5	23755	12	#Mid	16QAM	20.93	-6.43	12.35	PASS
Band17	5	23755	12	#Max	16QAM	20.73	-6.43	12.15	PASS
Band17	5	23755	25	#0	16QAM	21.09	-6.43	12.51	PASS
Band17	5	23790	1	#0	QPSK	22.72	-6.43	14.14	PASS
Band17	5	23790	1	#Mid	QPSK	22.70	-6.43	14.12	PASS
Band17	5	23790	1	#Max	QPSK	22.80	-6.43	14.22	PASS
Band17	5	23790	12	#0	QPSK	21.97	-6.43	13.39	PASS
Band17	5	23790	12	#Mid	QPSK	21.82	-6.43	13.24	PASS
Band17	5	23790	12	#Max	QPSK	21.94	-6.43	13.36	PASS
Band17	5	23790	25	#0	QPSK	21.81	-6.43	13.23	PASS
Band17	5	23790	1	#0	16QAM	22.11	-6.43	13.53	PASS
Band17	5	23790	1	#Mid	16QAM	22.11	-6.43	13.53	PASS
Band17	5	23790	1	#Max	16QAM	22.05	-6.43	13.47	PASS
Band17	5	23790	12	#0	16QAM	20.87	-6.43	12.29	PASS
Band17	5	23790	12	#Mid	16QAM	20.75	-6.43	12.17	PASS
Band17	5	23790	12	#Max	16QAM	20.80	-6.43	12.22	PASS
Band17	5	23790	25	#0	16QAM	20.78	-6.43	12.20	PASS
Band17	5	23825	1	#0	QPSK	22.88	-6.43	14.30	PASS
Band17	5	23825	1	#Mid	QPSK	22.86	-6.43	14.28	PASS
Band17	5	23825	1	#Max	QPSK	22.93	-6.43	14.35	PASS
Band17	5	23825	12	#0	QPSK	21.94	-6.43	13.36	PASS
Band17	5	23825	12	#Mid	QPSK	21.79	-6.43	13.21	PASS
Band17	5	23825	12	#Max	QPSK	21.87	-6.43	13.29	PASS
Band17	5	23825	25	#0	QPSK	21.80	-6.43	13.22	PASS
Band17	5	23825	1	#0	16QAM	22.07	-6.43	13.49	PASS
Band17	5	23825	1	#Mid	16QAM	22.10	-6.43	13.52	PASS
Band17	5	23825	1	#Max	16QAM	22.08	-6.43	13.50	PASS
Band17	5	23825	12	#0	16QAM	20.85	-6.43	12.27	PASS
Band17	5	23825	12	#Mid	16QAM	20.99	-6.43	12.41	PASS
Band17	5	23825	12	#Max	16QAM	20.97	-6.43	12.39	PASS
Band17	5	23825	25	#0	16QAM	21.22	-6.43	12.64	PASS
Band17	10	23780	1	#0	QPSK	22.88	-6.43	14.30	PASS
Band17	10	23780	1	#Mid	QPSK	22.74	-6.43	14.16	PASS
Band17	10	23780	1	#Max	QPSK	22.90	-6.43	14.32	PASS
Band17	10	23780	25	#0	QPSK	21.78	-6.43	13.20	PASS
Band17	10	23780	25	#Mid	QPSK	21.85	-6.43	13.27	PASS
Band17	10	23780	25	#Max	QPSK	21.91	-6.43	13.33	PASS
Band17	10	23780	50	#0	QPSK	21.86	-6.43	13.28	PASS
Band17	10	23780	1	#0	16QAM	22.99	-6.43	14.41	PASS
Band17	10	23780	1	#Mid	16QAM	22.98	-6.43	14.40	PASS
Band17	10	23780	1	#Max	16QAM	22.97	-6.43	14.39	PASS
Band17	10	23780	25	#0	16QAM	20.96	-6.43	12.38	PASS
Band17	10	23780	25	#Mid	16QAM	20.74	-6.43	12.16	PASS

Band17	10	23780	25	#Max	16QAM	20.79	-6.43	12.21	PASS
Band17	10	23780	50	#0	16QAM	20.77	-6.43	12.19	PASS
Band17	10	23790	1	#0	QPSK	22.87	-6.43	14.29	PASS
Band17	10	23790	1	#Mid	QPSK	22.88	-6.43	14.30	PASS
Band17	10	23790	1	#Max	QPSK	22.83	-6.43	14.25	PASS
Band17	10	23790	25	#0	QPSK	21.93	-6.43	13.35	PASS
Band17	10	23790	25	#Mid	QPSK	21.83	-6.43	13.25	PASS
Band17	10	23790	25	#Max	QPSK	21.81	-6.43	13.23	PASS
Band17	10	23790	50	#0	QPSK	22.00	-6.43	13.42	PASS
Band17	10	23790	1	#0	16QAM	21.84	-6.43	13.26	PASS
Band17	10	23790	1	#Mid	16QAM	21.95	-6.43	13.37	PASS
Band17	10	23790	1	#Max	16QAM	21.94	-6.43	13.36	PASS
Band17	10	23790	25	#0	16QAM	20.95	-6.43	12.37	PASS
Band17	10	23790	25	#Mid	16QAM	20.91	-6.43	12.33	PASS
Band17	10	23790	25	#Max	16QAM	20.86	-6.43	12.28	PASS
Band17	10	23790	50	#0	16QAM	20.95	-6.43	12.37	PASS
Band17	10	23800	1	#0	QPSK	23.09	-6.43	14.51	PASS
Band17	10	23800	1	#Mid	QPSK	23.13	-6.43	14.55	PASS
Band17	10	23800	1	#Max	QPSK	23.16	-6.43	14.58	PASS
Band17	10	23800	25	#0	QPSK	21.98	-6.43	13.40	PASS
Band17	10	23800	25	#Mid	QPSK	21.81	-6.43	13.23	PASS
Band17	10	23800	25	#Max	QPSK	21.95	-6.43	13.37	PASS
Band17	10	23800	50	#0	QPSK	21.84	-6.43	13.26	PASS
Band17	10	23800	1	#0	16QAM	21.82	-6.43	13.24	PASS
Band17	10	23800	1	#Mid	16QAM	21.92	-6.43	13.34	PASS
Band17	10	23800	1	#Max	16QAM	21.95	-6.43	13.37	PASS
Band17	10	23800	25	#0	16QAM	21.00	-6.43	12.42	PASS
Band17	10	23800	25	#Mid	16QAM	20.94	-6.43	12.36	PASS
Band17	10	23800	25	#Max	16QAM	21.16	-6.43	12.58	PASS
Band17	10	23800	50	#0	16QAM	20.87	-6.43	12.29	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	22.75	-1.53	21.22	PASS
Band66	1.4	131979	1	#Mid	QPSK	22.80	-1.53	21.27	PASS
Band66	1.4	131979	1	#Max	QPSK	22.76	-1.53	21.23	PASS
Band66	1.4	131979	3	#0	QPSK	22.52	-1.53	20.99	PASS
Band66	1.4	131979	3	#Mid	QPSK	22.56	-1.53	21.03	PASS
Band66	1.4	131979	3	#Max	QPSK	22.54	-1.53	21.01	PASS
Band66	1.4	131979	6	#0	QPSK	21.56	-1.53	20.03	PASS
Band66	1.4	131979	1	#0	16QAM	22.60	-1.53	21.07	PASS
Band66	1.4	131979	1	#Mid	16QAM	22.70	-1.53	21.17	PASS
Band66	1.4	131979	1	#Max	16QAM	22.62	-1.53	21.09	PASS
Band66	1.4	131979	3	#0	16QAM	21.83	-1.53	20.30	PASS
Band66	1.4	131979	3	#Mid	16QAM	0.00	-1.53	-1.53	PASS
Band66	1.4	131979	3	#Max	16QAM	0.00	-1.53	-1.53	PASS
Band66	1.4	131979	6	#0	16QAM	0.00	-1.53	-1.53	PASS
Band66	1.4	132322	1	#0	QPSK	23.02	-1.53	21.49	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.91	-1.53	21.38	PASS
Band66	1.4	132322	1	#Max	QPSK	22.98	-1.53	21.45	PASS
Band66	1.4	132322	3	#0	QPSK	22.69	-1.53	21.16	PASS
Band66	1.4	132322	3	#Mid	QPSK	22.64	-1.53	21.11	PASS
Band66	1.4	132322	3	#Max	QPSK	22.63	-1.53	21.10	PASS
Band66	1.4	132322	6	#0	QPSK	21.69	-1.53	20.16	PASS
Band66	1.4	132322	1	#0	16QAM	22.79	-1.53	21.26	PASS
Band66	1.4	132322	1	#Mid	16QAM	22.79	-1.53	21.26	PASS
Band66	1.4	132322	1	#Max	16QAM	22.82	-1.53	21.29	PASS
Band66	1.4	132322	3	#0	16QAM	22.06	-1.53	20.53	PASS
Band66	1.4	132322	3	#Mid	16QAM	21.97	-1.53	20.44	PASS
Band66	1.4	132322	3	#Max	16QAM	21.96	-1.53	20.43	PASS
Band66	1.4	132322	6	#0	16QAM	20.80	-1.53	19.27	PASS
Band66	1.4	132665	1	#0	QPSK	23.03	-1.53	21.50	PASS
Band66	1.4	132665	1	#Mid	QPSK	22.94	-1.53	21.41	PASS
Band66	1.4	132665	1	#Max	QPSK	22.98	-1.53	21.45	PASS
Band66	1.4	132665	3	#0	QPSK	22.87	-1.53	21.34	PASS
Band66	1.4	132665	3	#Mid	QPSK	22.86	-1.53	21.33	PASS
Band66	1.4	132665	3	#Max	QPSK	22.82	-1.53	21.29	PASS
Band66	1.4	132665	6	#0	QPSK	21.96	-1.53	20.43	PASS
Band66	1.4	132665	1	#0	16QAM	22.91	-1.53	21.38	PASS
Band66	1.4	132665	1	#Mid	16QAM	22.99	-1.53	21.46	PASS
Band66	1.4	132665	1	#Max	16QAM	22.90	-1.53	21.37	PASS
Band66	1.4	132665	3	#0	16QAM	22.13	-1.53	20.60	PASS
Band66	1.4	132665	3	#Mid	16QAM	22.05	-1.53	20.52	PASS
Band66	1.4	132665	3	#Max	16QAM	22.17	-1.53	20.64	PASS
Band66	1.4	132665	6	#0	16QAM	21.18	-1.53	19.65	PASS
Band66	3	131987	1	#0	QPSK	22.32	-1.53	20.79	PASS
Band66	3	131987	1	#Mid	QPSK	22.36	-1.53	20.83	PASS
Band66	3	131987	1	#Max	QPSK	22.42	-1.53	20.89	PASS
Band66	3	131987	8	#0	QPSK	21.45	-1.53	19.92	PASS
Band66	3	131987	8	#Mid	QPSK	21.38	-1.53	19.85	PASS
Band66	3	131987	8	#Max	QPSK	21.39	-1.53	19.86	PASS
Band66	3	131987	15	#0	QPSK	21.46	-1.53	19.93	PASS
Band66	3	131987	1	#0	16QAM	-11.75	-1.53	-13.28	PASS
Band66	3	131987	1	#Mid	16QAM	21.91	-1.53	20.38	PASS
Band66	3	131987	1	#Max	16QAM	21.78	-1.53	20.25	PASS
Band66	3	131987	8	#0	16QAM	20.45	-1.53	18.92	PASS
Band66	3	131987	8	#Mid	16QAM	20.41	-1.53	18.88	PASS

Band66	3	131987	8	#Max	16QAM	20.42	-1.53	18.89	PASS
Band66	3	131987	15	#0	16QAM	20.43	-1.53	18.90	PASS
Band66	3	132322	1	#0	QPSK	22.36	-1.53	20.83	PASS
Band66	3	132322	1	#Mid	QPSK	22.35	-1.53	20.82	PASS
Band66	3	132322	1	#Max	QPSK	22.31	-1.53	20.78	PASS
Band66	3	132322	8	#0	QPSK	21.54	-1.53	20.01	PASS
Band66	3	132322	8	#Mid	QPSK	21.55	-1.53	20.02	PASS
Band66	3	132322	8	#Max	QPSK	21.46	-1.53	19.93	PASS
Band66	3	132322	15	#0	QPSK	21.46	-1.53	19.93	PASS
Band66	3	132322	1	#0	16QAM	22.29	-1.53	20.76	PASS
Band66	3	132322	1	#Mid	16QAM	22.26	-1.53	20.73	PASS
Band66	3	132322	1	#Max	16QAM	22.26	-1.53	20.73	PASS
Band66	3	132322	8	#0	16QAM	20.67	-1.53	19.14	PASS
Band66	3	132322	8	#Mid	16QAM	20.62	-1.53	19.09	PASS
Band66	3	132322	8	#Max	16QAM	20.60	-1.53	19.07	PASS
Band66	3	132322	15	#0	16QAM	20.46	-1.53	18.93	PASS
Band66	3	132657	1	#0	QPSK	22.72	-1.53	21.19	PASS
Band66	3	132657	1	#Mid	QPSK	22.72	-1.53	21.19	PASS
Band66	3	132657	1	#Max	QPSK	22.74	-1.53	21.21	PASS
Band66	3	132657	8	#0	QPSK	21.72	-1.53	20.19	PASS
Band66	3	132657	8	#Mid	QPSK	21.70	-1.53	20.17	PASS
Band66	3	132657	8	#Max	QPSK	21.68	-1.53	20.15	PASS
Band66	3	132657	15	#0	QPSK	21.76	-1.53	20.23	PASS
Band66	3	132657	1	#0	16QAM	21.76	-1.53	20.23	PASS
Band66	3	132657	1	#Mid	16QAM	21.79	-1.53	20.26	PASS
Band66	3	132657	1	#Max	16QAM	21.82	-1.53	20.29	PASS
Band66	3	132657	8	#0	16QAM	20.76	-1.53	19.23	PASS
Band66	3	132657	8	#Mid	16QAM	20.76	-1.53	19.23	PASS
Band66	3	132657	8	#Max	16QAM	20.74	-1.53	19.21	PASS
Band66	3	132657	15	#0	16QAM	20.79	-1.53	19.26	PASS
Band66	5	131997	1	#0	QPSK	22.21	-1.53	20.68	PASS
Band66	5	131997	1	#Mid	QPSK	22.22	-1.53	20.69	PASS
Band66	5	131997	1	#Max	QPSK	22.30	-1.53	20.77	PASS
Band66	5	131997	12	#0	QPSK	21.44	-1.53	19.91	PASS
Band66	5	131997	12	#Mid	QPSK	21.37	-1.53	19.84	PASS
Band66	5	131997	12	#Max	QPSK	21.35	-1.53	19.82	PASS
Band66	5	131997	25	#0	QPSK	21.42	-1.53	19.89	PASS
Band66	5	131997	1	#0	16QAM	21.80	-1.53	20.27	PASS
Band66	5	131997	1	#Mid	16QAM	21.76	-1.53	20.23	PASS
Band66	5	131997	1	#Max	16QAM	21.73	-1.53	20.20	PASS
Band66	5	131997	12	#0	16QAM	20.28	-1.53	18.75	PASS
Band66	5	131997	12	#Mid	16QAM	20.30	-1.53	18.77	PASS
Band66	5	131997	12	#Max	16QAM	20.29	-1.53	18.76	PASS
Band66	5	131997	25	#0	16QAM	20.37	-1.53	18.84	PASS
Band66	5	132322	1	#0	QPSK	22.55	-1.53	21.02	PASS
Band66	5	132322	1	#Mid	QPSK	22.54	-1.53	21.01	PASS
Band66	5	132322	1	#Max	QPSK	22.55	-1.53	21.02	PASS
Band66	5	132322	12	#0	QPSK	21.57	-1.53	20.04	PASS
Band66	5	132322	12	#Mid	QPSK	21.55	-1.53	20.02	PASS
Band66	5	132322	12	#Max	QPSK	21.46	-1.53	19.93	PASS
Band66	5	132322	25	#0	QPSK	21.54	-1.53	20.01	PASS
Band66	5	132322	1	#0	16QAM	21.28	-1.53	19.75	PASS
Band66	5	132322	1	#Mid	16QAM	21.29	-1.53	19.76	PASS
Band66	5	132322	1	#Max	16QAM	21.32	-1.53	19.79	PASS
Band66	5	132322	12	#0	16QAM	20.41	-1.53	18.88	PASS
Band66	5	132322	12	#Mid	16QAM	20.33	-1.53	18.80	PASS
Band66	5	132322	12	#Max	16QAM	20.34	-1.53	18.81	PASS

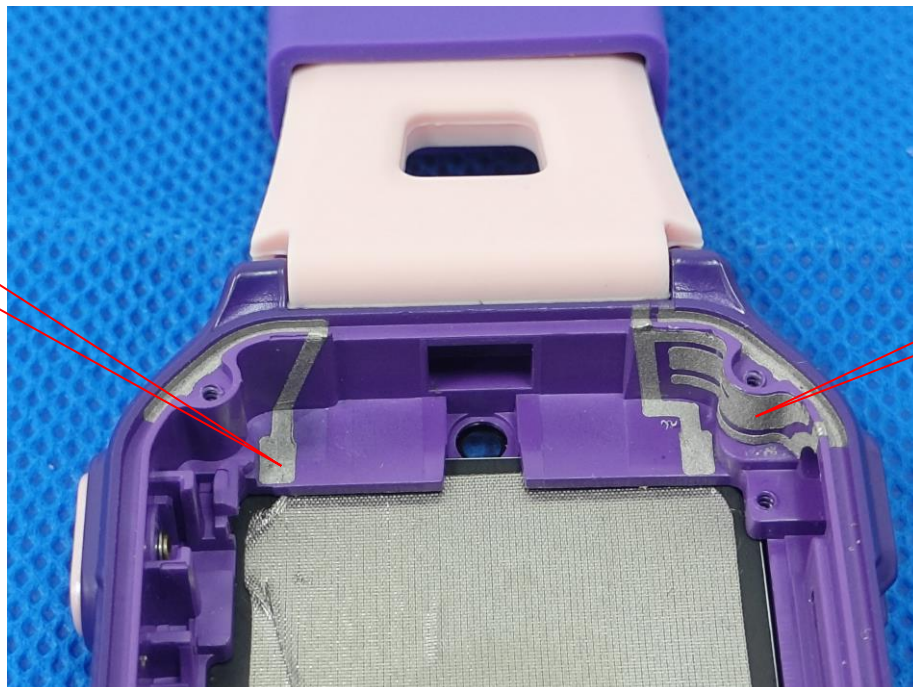
Band66	5	132322	25	#0	16QAM	20.57	-1.53	19.04	PASS
Band66	5	132647	1	#0	QPSK	22.64	-1.53	21.11	PASS
Band66	5	132647	1	#Mid	QPSK	22.64	-1.53	21.11	PASS
Band66	5	132647	1	#Max	QPSK	22.65	-1.53	21.12	PASS
Band66	5	132647	12	#0	QPSK	21.76	-1.53	20.23	PASS
Band66	5	132647	12	#Mid	QPSK	21.80	-1.53	20.27	PASS
Band66	5	132647	12	#Max	QPSK	21.76	-1.53	20.23	PASS
Band66	5	132647	25	#0	QPSK	21.75	-1.53	20.22	PASS
Band66	5	132647	1	#0	16QAM	21.80	-1.53	20.27	PASS
Band66	5	132647	1	#Mid	16QAM	21.84	-1.53	20.31	PASS
Band66	5	132647	1	#Max	16QAM	21.81	-1.53	20.28	PASS
Band66	5	132647	12	#0	16QAM	20.79	-1.53	19.26	PASS
Band66	5	132647	12	#Mid	16QAM	20.69	-1.53	19.16	PASS
Band66	5	132647	12	#Max	16QAM	20.78	-1.53	19.25	PASS
Band66	5	132647	25	#0	16QAM	20.72	-1.53	19.19	PASS
Band66	10	132022	1	#0	QPSK	22.45	-1.53	20.92	PASS
Band66	10	132022	1	#Mid	QPSK	22.44	-1.53	20.91	PASS
Band66	10	132022	1	#Max	QPSK	22.39	-1.53	20.86	PASS
Band66	10	132022	25	#0	QPSK	21.52	-1.53	19.99	PASS
Band66	10	132022	25	#Mid	QPSK	21.42	-1.53	19.89	PASS
Band66	10	132022	25	#Max	QPSK	21.41	-1.53	19.88	PASS
Band66	10	132022	50	#0	QPSK	21.54	-1.53	20.01	PASS
Band66	10	132022	1	#0	16QAM	22.63	-1.53	21.10	PASS
Band66	10	132022	1	#Mid	16QAM	22.62	-1.53	21.09	PASS
Band66	10	132022	1	#Max	16QAM	22.57	-1.53	21.04	PASS
Band66	10	132022	25	#0	16QAM	20.30	-1.53	18.77	PASS
Band66	10	132022	25	#Mid	16QAM	20.38	-1.53	18.85	PASS
Band66	10	132022	25	#Max	16QAM	20.29	-1.53	18.76	PASS
Band66	10	132022	50	#0	16QAM	20.50	-1.53	18.97	PASS
Band66	10	132322	1	#0	QPSK	22.46	-1.53	20.93	PASS
Band66	10	132322	1	#Mid	QPSK	22.57	-1.53	21.04	PASS
Band66	10	132322	1	#Max	QPSK	22.50	-1.53	20.97	PASS
Band66	10	132322	25	#0	QPSK	21.49	-1.53	19.96	PASS
Band66	10	132322	25	#Mid	QPSK	21.59	-1.53	20.06	PASS
Band66	10	132322	25	#Max	QPSK	21.58	-1.53	20.05	PASS
Band66	10	132322	50	#0	QPSK	21.53	-1.53	20.00	PASS
Band66	10	132322	1	#0	16QAM	21.60	-1.53	20.07	PASS
Band66	10	132322	1	#Mid	16QAM	21.61	-1.53	20.08	PASS
Band66	10	132322	1	#Max	16QAM	21.58	-1.53	20.05	PASS
Band66	10	132322	25	#0	16QAM	20.60	-1.53	19.07	PASS
Band66	10	132322	25	#Mid	16QAM	20.57	-1.53	19.04	PASS
Band66	10	132322	25	#Max	16QAM	20.57	-1.53	19.04	PASS
Band66	10	132322	50	#0	16QAM	20.63	-1.53	19.10	PASS
Band66	10	132622	1	#0	QPSK	22.76	-1.53	21.23	PASS
Band66	10	132622	1	#Mid	QPSK	22.74	-1.53	21.21	PASS
Band66	10	132622	1	#Max	QPSK	22.81	-1.53	21.28	PASS
Band66	10	132622	25	#0	QPSK	21.81	-1.53	20.28	PASS
Band66	10	132622	25	#Mid	QPSK	21.80	-1.53	20.27	PASS
Band66	10	132622	25	#Max	QPSK	21.74	-1.53	20.21	PASS
Band66	10	132622	50	#0	QPSK	21.78	-1.53	20.25	PASS
Band66	10	132622	1	#0	16QAM	21.83	-1.53	20.30	PASS
Band66	10	132622	1	#Mid	16QAM	21.80	-1.53	20.27	PASS
Band66	10	132622	1	#Max	16QAM	21.83	-1.53	20.30	PASS
Band66	10	132622	25	#0	16QAM	20.77	-1.53	19.24	PASS
Band66	10	132622	25	#Mid	16QAM	20.75	-1.53	19.22	PASS
Band66	10	132622	25	#Max	16QAM	20.77	-1.53	19.24	PASS
Band66	10	132622	50	#0	16QAM	20.74	-1.53	19.21	PASS

Band66	15	132047	1	#0	QPSK	22.49	-1.53	20.96	PASS
Band66	15	132047	1	#Mid	QPSK	22.42	-1.53	20.89	PASS
Band66	15	132047	1	#Max	QPSK	22.47	-1.53	20.94	PASS
Band66	15	132047	36	#0	QPSK	21.52	-1.53	19.99	PASS
Band66	15	132047	36	#Mid	QPSK	21.40	-1.53	19.87	PASS
Band66	15	132047	36	#Max	QPSK	21.45	-1.53	19.92	PASS
Band66	15	132047	75	#0	QPSK	21.53	-1.53	20.00	PASS
Band66	15	132047	1	#0	16QAM	22.60	-1.53	21.07	PASS
Band66	15	132047	1	#Mid	16QAM	22.61	-1.53	21.08	PASS
Band66	15	132047	1	#Max	16QAM	22.59	-1.53	21.06	PASS
Band66	15	132047	36	#0	16QAM	20.40	-1.53	18.87	PASS
Band66	15	132047	36	#Mid	16QAM	20.40	-1.53	18.87	PASS
Band66	15	132047	36	#Max	16QAM	20.42	-1.53	18.89	PASS
Band66	15	132047	75	#0	16QAM	20.51	-1.53	18.98	PASS
Band66	15	132322	1	#0	QPSK	22.51	-1.53	20.98	PASS
Band66	15	132322	1	#Mid	QPSK	22.57	-1.53	21.04	PASS
Band66	15	132322	1	#Max	QPSK	22.58	-1.53	21.05	PASS
Band66	15	132322	36	#0	QPSK	21.56	-1.53	20.03	PASS
Band66	15	132322	36	#Mid	QPSK	21.66	-1.53	20.13	PASS
Band66	15	132322	36	#Max	QPSK	21.68	-1.53	20.15	PASS
Band66	15	132322	75	#0	QPSK	21.52	-1.53	19.99	PASS
Band66	15	132322	1	#0	16QAM	21.59	-1.53	20.06	PASS
Band66	15	132322	1	#Mid	16QAM	21.60	-1.53	20.07	PASS
Band66	15	132322	1	#Max	16QAM	21.64	-1.53	20.11	PASS
Band66	15	132322	36	#0	16QAM	20.63	-1.53	19.10	PASS
Band66	15	132322	36	#Mid	16QAM	20.71	-1.53	19.18	PASS
Band66	15	132322	36	#Max	16QAM	20.69	-1.53	19.16	PASS
Band66	15	132322	75	#0	16QAM	20.60	-1.53	19.07	PASS
Band66	15	132597	1	#0	QPSK	22.67	-1.53	21.14	PASS
Band66	15	132597	1	#Mid	QPSK	22.80	-1.53	21.27	PASS
Band66	15	132597	1	#Max	QPSK	22.84	-1.53	21.31	PASS
Band66	15	132597	36	#0	QPSK	21.79	-1.53	20.26	PASS
Band66	15	132597	36	#Mid	QPSK	21.73	-1.53	20.20	PASS
Band66	15	132597	36	#Max	QPSK	21.69	-1.53	20.16	PASS
Band66	15	132597	75	#0	QPSK	21.82	-1.53	20.29	PASS
Band66	15	132597	1	#0	16QAM	22.33	-1.53	20.80	PASS
Band66	15	132597	1	#Mid	16QAM	22.42	-1.53	20.89	PASS
Band66	15	132597	1	#Max	16QAM	22.53	-1.53	21.00	PASS
Band66	15	132597	36	#0	16QAM	20.75	-1.53	19.22	PASS
Band66	15	132597	36	#Mid	16QAM	20.81	-1.53	19.28	PASS
Band66	15	132597	36	#Max	16QAM	20.80	-1.53	19.27	PASS
Band66	15	132597	75	#0	16QAM	20.86	-1.53	19.33	PASS
Band66	20	132072	1	#0	QPSK	22.51	-1.53	20.98	PASS
Band66	20	132072	1	#Mid	QPSK	22.49	-1.53	20.96	PASS
Band66	20	132072	1	#Max	QPSK	22.55	-1.53	21.02	PASS
Band66	20	132072	50	#0	QPSK	21.42	-1.53	19.89	PASS
Band66	20	132072	50	#Mid	QPSK	21.42	-1.53	19.89	PASS
Band66	20	132072	50	#Max	QPSK	21.62	-1.53	20.09	PASS
Band66	20	132072	100	#0	QPSK	21.62	-1.53	20.09	PASS
Band66	20	132072	1	#0	16QAM	21.38	-1.53	19.85	PASS
Band66	20	132072	1	#Mid	16QAM	21.27	-1.53	19.74	PASS
Band66	20	132072	1	#Max	16QAM	21.31	-1.53	19.78	PASS
Band66	20	132072	50	#0	16QAM	20.58	-1.53	19.05	PASS
Band66	20	132072	50	#Mid	16QAM	20.52	-1.53	18.99	PASS
Band66	20	132072	50	#Max	16QAM	20.62	-1.53	19.09	PASS
Band66	20	132072	100	#0	16QAM	20.53	-1.53	19.00	PASS
Band66	20	132322	1	#0	QPSK	22.62	-1.53	21.09	PASS

Band66	20	132322	1	#Mid	QPSK	22.61	-1.53	21.08	PASS
Band66	20	132322	1	#Max	QPSK	22.66	-1.53	21.13	PASS
Band66	20	132322	50	#0	QPSK	21.54	-1.53	20.01	PASS
Band66	20	132322	50	#Mid	QPSK	21.59	-1.53	20.06	PASS
Band66	20	132322	50	#Max	QPSK	21.59	-1.53	20.06	PASS
Band66	20	132322	100	#0	QPSK	21.55	-1.53	20.02	PASS
Band66	20	132322	1	#0	16QAM	22.22	-1.53	20.69	PASS
Band66	20	132322	1	#Mid	16QAM	22.23	-1.53	20.70	PASS
Band66	20	132322	1	#Max	16QAM	22.24	-1.53	20.71	PASS
Band66	20	132322	50	#0	16QAM	20.61	-1.53	19.08	PASS
Band66	20	132322	50	#Mid	16QAM	20.59	-1.53	19.06	PASS
Band66	20	132322	50	#Max	16QAM	20.63	-1.53	19.10	PASS
Band66	20	132322	100	#0	16QAM	20.47	-1.53	18.94	PASS
Band66	20	132572	1	#0	QPSK	22.72	-1.53	21.19	PASS
Band66	20	132572	1	#Mid	QPSK	22.87	-1.53	21.34	PASS
Band66	20	132572	1	#Max	QPSK	22.90	-1.53	21.37	PASS
Band66	20	132572	50	#0	QPSK	21.73	-1.53	20.20	PASS
Band66	20	132572	50	#Mid	QPSK	21.74	-1.53	20.21	PASS
Band66	20	132572	50	#Max	QPSK	21.75	-1.53	20.22	PASS
Band66	20	132572	100	#0	QPSK	21.83	-1.53	20.30	PASS
Band66	20	132572	1	#0	16QAM	21.52	-1.53	19.99	PASS
Band66	20	132572	1	#Mid	16QAM	21.64	-1.53	20.11	PASS
Band66	20	132572	1	#Max	16QAM	21.59	-1.53	20.06	PASS
Band66	20	132572	50	#0	16QAM	20.64	-1.53	19.11	PASS
Band66	20	132572	50	#Mid	16QAM	20.72	-1.53	19.19	PASS
Band66	20	132572	50	#Max	16QAM	20.73	-1.53	19.20	PASS
Band66	20	132572	100	#0	16QAM	20.73	-1.53	19.20	PASS

14.2 Transmit Antennas and SAR Measurement Position

EUT Antenna Location:

**WWAN TX
Antenna****WWAN RX
Antenna****WIFI T/RX
Antenna**

14.3 Measured and Reported (Scaled) SAR Results

The calculated SAR is obtained by the following formula:

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

KDB 447498 D01 General RF Exposure Guidance:

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR v01r03:

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

KDB 941225 D01 3G SAR Procedures:

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

KDB 941225 D05 SAR for LTE Devices:

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

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.

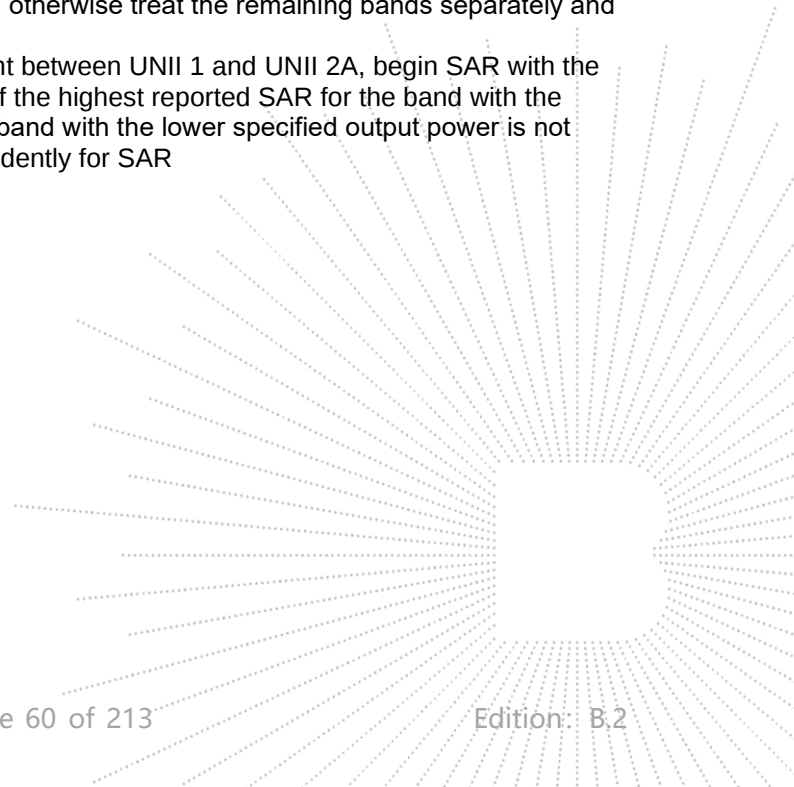
DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to 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								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	802.11b	Front	2437	17.03	17.5	0.090	0.100	
	802.11b	Front	2412	14.54	17.5	0.124	0.245	
	802.11b	Front	2462	15.35	17.5	0.158	0.259	
Limb-worn	802.11b	Back	2437	17.03	17.5	0.422	0.470	
	802.11b	Back	2412	14.54	17.5	0.287	0.567	1
	802.11b	Back	2462	15.35	17.5	0.311	0.510	

GSM 850								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	GSM	Front	824.2	32.96	33.0	0.375	0.378	
	GPRS Slot-3	Front	824.2	29.19	29.5	0.422	0.453	
		Front	836.6	28.90	29.5	0.400	0.459	
		Front	848.8	28.90	29.5	0.437	0.502	
Limb-worn	GSM	Back	824.2	32.96	33.0	2.674	2.699	
	GPRS Slot-3	Back	824.2	29.19	29.5	2.998	3.220	
		Back	836.6	28.90	29.5	2.877	3.303	
		Back	848.8	28.90	29.5	2.906	3.337	2

GSM 1900								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	GSM	Front	1909.8	29.69	30.0	0.587	0.630	
	GPRS Slot-3	Front	1850.2	25.36	25.5	0.641	0.662	
		Front	1880	25.27	25.5	0.650	0.685	
		Front	1909.8	25.26	25.5	0.638	0.674	
Limb-worn	GSM	Back	1909.8	29.69	30.0	1.005	1.079	
	GPRS Slot-3	Back	1850.2	25.36	25.5	1.238	1.279	
		Back	1880	25.27	25.5	1.266	1.335	3
		Back	1909.8	25.26	25.5	1.258	1.329	

WCDMA Band 2								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	RMC	Front	1852.4	22.29	22.5	0.988	1.037	
	RMC	Front	1880	22.20	22.5	0.984	1.054	
	RMC	Front	1907.6	22.18	22.5	0.918	0.988	
Limb-worn	RMC	Back	1852.4	22.29	22.5	2.464	2.586	
	RMC	Back	1880	22.20	22.5	2.449	2.624	
	RMC	Back	1907.6	22.18	22.5	2.441	2.628	4

WCDMA Band 4								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	RMC	Front	1712.4	22.27	22.5	0.651	0.686	
	RMC	Front	1740	22.21	22.5	0.680	0.727	
	RMC	Front	1752.6	22.14	22.5	0.654	0.711	
Limb-worn	RMC	Back	1712.4	22.27	22.5	1.597	1.684	
	RMC	Back	1740	22.21	22.5	1.581	1.690	
	RMC	Back	1752.6	22.14	22.5	1.606	1.745	5

WCDMA Band 5								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	RMC	Front	826.4	22.72	23.0	0.346	0.369	
	RMC	Front	836.4	22.56	23.0	0.328	0.363	
	RMC	Front	846.6	22.58	23.0	0.318	0.350	
Limb-worn	RMC	Back	826.4	22.72	23.0	2.010	2.144	
	RMC	Back	836.4	22.56	23.0	2.038	2.255	6
	RMC	Back	846.6	22.58	23.0	2.018	2.223	

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	
Front-of-face	QPSK, 1RB	Front	1900	23.01	23.5	0.409	0.458	
		Front	1860	22.90	23.5	0.328	0.377	
		Front	1880	22.95	23.5	0.412	0.468	
	QPSK, 50%RB	Front	1900	21.99	22.0	0.235	0.236	
		Front	1860	21.96	22.0	0.216	0.218	
		Front	1880	21.93	22.0	0.221	0.225	
Limb-worn	QPSK, 1RB	Back	1900	23.01	23.5	1.511	1.691	
		Back	1860	22.90	23.5	1.327	1.524	
		Back	1880	22.95	23.5	1.525	1.731	7
	QPSK, 50%RB	Back	1900	21.99	22.0	0.934	0.936	
		Back	1860	21.96	22.0	0.849	0.857	
		Back	1880	21.93	22.0	0.928	0.943	

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	
Front-of-face	QPSK, 1RB	Front	1745	23.07	23.5	0.712	0.786	
		Front	1720	22.89	23.5	0.744	0.856	
		Front	1732.5	23.00	23.5	0.761	0.854	
	QPSK, 50%RB	Front	1732.5	21.96	22.0	0.625	0.631	
		Front	1720	21.93	22.0	0.608	0.618	
		Front	1745	21.88	22.0	0.617	0.634	
Limb-worn	QPSK, 1RB	Back	1745	23.07	23.5	1.806	1.994	
		Back	1720	22.89	23.5	1.686	1.940	
		Back	1732.5	23.00	23.5	1.797	2.016	8
	QPSK, 50%RB	Back	1732.5	21.96	22.0	1.611	1.626	
		Back	1720	21.93	22.0	1.537	1.562	
		Back	1745	21.88	22.0	1.593	1.638	

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	
Front-of-face	QPSK, 1RB	Front	829	23.22	23.5	0.301	0.321	
		Front	836.5	23.22	23.5	0.364	0.388	
		Front	844	23.16	23.5	0.330	0.357	
	QPSK, 50%RB	Front	829	22.18	22.5	0.117	0.126	
		Front	836.5	22.03	22.5	0.292	0.325	
		Front	844	22.00	22.5	0.224	0.251	
Limb-worn	QPSK, 1RB	Back	829	23.22	23.5	2.100	2.240	
		Back	836.5	23.22	23.5	2.089	2.228	
		Back	844	23.16	23.5	2.107	2.279	9
	QPSK, 50%RB	Back	829	22.18	22.5	1.942	2.090	
		Back	836.5	22.03	22.5	1.839	2.049	
		Back	844	22.00	22.5	1.908	2.141	

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	
Front-of-face	QPSK, 1RB	Front	2535	22.00	22.5	0.380	0.426	
		Front	2510	21.73	22.5	0.401	0.479	
		Front	2560	21.88	22.5	0.388	0.448	
	QPSK, 50%RB	Front	2510	20.88	21.0	0.186	0.191	
		Front	2535	20.87	21.0	0.168	0.173	
		Front	2560	20.71	21.0	0.177	0.189	
Limb-worn	QPSK, 1RB	Back	2535	22.00	22.5	1.812	2.033	
		Back	2510	21.73	22.5	1.729	2.064	
		Back	2560	21.88	22.5	1.834	2.115	10
	QPSK, 50%RB	Back	2510	20.88	21.0	1.586	1.630	
		Back	2535	20.87	21.0	1.534	1.581	
		Back	2560	20.71	21.0	1.448	1.548	

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	
Front-of-face	QPSK, 1RB	Front	707.5	22.92	23.5	0.230	0.263	
		Back	704	22.92	23.5	0.254	0.290	
		Left Side	711	23.21	23.5	0.228	0.244	
	QPSK, 50%RB	Front	707.5	22.07	22.5	0.171	0.189	
		Back	704	22.05	22.5	0.217	0.241	
		Left Side	711	22.02	22.5	0.208	0.232	
Limb-worn	QPSK, 1RB	Back	707.5	22.92	23.5	1.635	1.869	
		Back	704	22.92	23.5	1.728	1.975	11
		Back	711	23.21	23.5	1.505	1.609	
	QPSK, 50%RB	Back	707.5	22.07	22.5	1.334	1.473	
		Back	704	22.05	22.5	1.329	1.474	
		Back	711	22.02	22.5	1.340	1.497	

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	
Front-of-face	QPSK, 1RB	Front	709	22.90	23.5	0.206	0.237	
		Front	710	22.88	23.5	0.232	0.268	
		Front	711	23.16	23.5	0.229	0.248	
	QPSK, 50%RB	Front	711	21.98	22.0	0.179	0.180	
		Front	709	21.91	22.0	0.208	0.212	
		Front	710	21.93	22.0	0.192	0.195	
Limb-worn	QPSK, 1RB	Back	709	22.90	23.5	1.690	1.940	
		Back	710	22.88	23.5	1.792	2.067	12
		Back	711	23.16	23.5	1.796	1.942	
	QPSK, 50%RB	Back	711	21.98	22.0	1.397	1.403	
		Back	709	21.91	22.0	1.474	1.505	
		Back	710	21.93	22.0	1.492	1.516	

LTE Band 66 (20MHz Bandwidth)								
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)		SAR1g (W/kg)		Plot No.
				Meas.	Turn- up	Meas.	Scaled	
Front-of-face	QPSK, 1RB	Front	1770	22.90	23.0	0.578	0.591	
		Front	1720	22.55	23.0	0.662	0.734	
		Front	1745	22.66	23.0	0.599	0.648	
	QPSK, 50%RB	Front	1770	21.75	22.0	0.362	0.383	
		Front	1720	21.62	22.0	0.547	0.597	
		Front	1745	21.59	22.0	0.418	0.459	
Limb-worn	QPSK, 1RB	Back	1770	22.90	23.0	1.450	1.484	
		Back	1720	22.55	23.0	1.454	1.613	
		Back	1745	22.66	23.0	1.635	1.768	13
	QPSK, 50%RB	Back	1770	21.75	22.0	1.379	1.461	
		Back	1720	21.62	22.0	1.264	1.380	
		Back	1745	21.59	22.0	1.309	1.439	

14.4 SAR Measurement Variability

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

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

Test Mode	Frequency (MHz)	RF Exposure Configuration	Test Position	Repeated SAR (yes/no)	Highest Measured SAR1-g (W/Kg)	First Repeated	
						Measured SAR1-g (W/Kg)	Largest to Smallest SAR Ratio
GSM 850	824.2	Limb-worn	Back	yes	2.998	2.908	1.031
GSM 1900	1880	Limb-worn	Back	yes	1.266	1.213	1.044
WCDMA Band 2	1907.6	Limb-worn	Back	yes	2.464	2.433	1.013
WCDMA Band 4	1752.6	Limb-worn	Back	yes	1.606	1.574	1.020
WCDMA Band 5	836.4	Limb-worn	Back	yes	2.038	1.981	1.029
LTE Band 2	1880	Limb-worn	Back	yes	1.525	1.503	1.015
LTE Band 4	1745	Limb-worn	Back	yes	1.806	1.787	1.011
LTE Band 5	844	Limb-worn	Back	yes	2.107	2.033	1.036
LTE Band 7	2560	Limb-worn	Back	yes	1.834	1.770	1.036
LTE Band 12	704	Limb-worn	Back	yes	1.728	1.712	1.009
LTE Band 17	711	Limb-worn	Back	yes	1.796	1.730	1.038
LTE Band 66	1745	Limb-worn	Back	yes	1.635	1.607	1.017

14.5 Simultaneous Transmission Evaluation

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

Application Simultaneous Transmission information:

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

Remark:

- Wi-Fi 2.4GHz and Wi-Fi 5GHz cannot transmit simultaneously.
- WIFI2.4G and Bluetooth are the same antenna and cannot be sent at the same time.
- 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) $\cdot [\sqrt{f(\text{GHz})}/x]$ 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 (mW)	Separation Distance (mm)	X	Estimated SAR1-g (W/kg)
/	/	/	/	/	/
/	/	/	/	/	/

Note:

- Maximum average power including tune-up tolerance;
- 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.

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

5. Simultaneous transmission of maximum SAR sum calculation.

RF Exposure Conditions	Test Position	Standalone SAR (W/kg)		Summed SAR (W/kg)
		WWAN	WIFI	
Front-of-face	Front	1.054	0.259	1.313
Limb-worn	Back	3.337	0.567	3.904