

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.71	22.5	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.82	22.5	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.63	22.5	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.75	22.5	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.68	22.5	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.61	22.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.72	22.5	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.73	22.5	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.96	22.5	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.85	22.5	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.96	22.5	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.84	22.5	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.85	22.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.83	22.5	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.02	22.5	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.11	22.5	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.16	22.5	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.07	22.5	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.05	22.5	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.56	22.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.63	22.5	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.64	22.5	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.72	22.5	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.53	22.5	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.62	22.5	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.61	22.5	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.62	22.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.73	22.5	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.76	22.5	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.98	22.5	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.86	22.5	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.82	22.5	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.72	22.5	PASS

Band7	5MHz	16QAM	21100	12RB#13	20.83	22.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.84	22.5	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.95	22.5	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.73	22.5	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.06	22.5	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.17	22.5	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.85	22.5	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.43	22.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.62	22.5	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.31	22.5	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.42	22.5	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.23	22.5	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.38	22.5	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.39	22.5	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.37	22.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.35	22.5	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.36	22.5	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.52	22.5	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.33	22.5	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.31	22.5	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.32	22.5	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.33	22.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.31	22.5	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.42	22.5	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.66	22.5	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.45	22.5	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.34	22.5	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.42	22.5	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.43	22.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.44	22.5	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.47	22.5	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.48	22.5	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.49	22.5	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.36	22.5	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.31	22.5	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.52	22.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.43	22.5	PASS

Band7	10MHz	16QAM	21100	1RB#0	20.46	22.5	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.55	22.5	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.31	22.5	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.32	22.5	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.33	22.5	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.32	22.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.36	22.5	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.51	22.5	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.63	22.5	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.44	22.5	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.35	22.5	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.36	22.5	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.33	22.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.34	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.05	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.06	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.84	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.33	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.96	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.47	22.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.95	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.93	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.06	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.01	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.91	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.92	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.93	22.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.86	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.84	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.07	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.98	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.69	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.97	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.41	22.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.81	22.5	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.90	22.5	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.43	22.5	PASS

Band7	15MHz	16QAM	20825	1RB#74	20.92	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.96	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.32	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.34	22.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.92	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.33	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.36	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.97	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.86	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.96	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.83	22.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.81	22.5	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.92	22.5	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.13	22.5	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.06	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.55	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.54	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.41	22.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.42	22.5	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.73	22.5	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.86	22.5	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.57	22.5	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.88	22.5	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.83	22.5	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.76	22.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.81	22.5	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.72	22.5	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.63	22.5	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.34	22.5	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.86	22.5	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.88	22.5	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.89	22.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.84	22.5	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.92	22.5	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.19	22.5	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.15	22.5	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.25	22.5	PASS

Band7	20MHz	QPSK	21350	50RB#25	21.06	22.5	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.04	22.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.05	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.53	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.65	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.46	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.84	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.95	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.76	22.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.84	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.95	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.73	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.74	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.92	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.96	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.88	22.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.87	22.5	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.72	22.5	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.63	22.5	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.06	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.44	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.45	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.46	22.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.45	22.5	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.42	24.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.53	24.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.44	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.65	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.56	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.64	24.0	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.52	24.0	PASS

Band12	1.4MHz	QPSK	23095	1RB#0	23.43	24.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.66	24.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.44	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.55	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.53	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.66	24.0	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.47	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.42	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.56	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.42	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.53	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.54	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.62	24.0	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.43	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.40	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.53	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.32	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.49	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.42	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.43	24.0	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.55	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.47	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.61	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.47	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.46	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.50	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.46	24.0	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.52	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.53	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.59	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.42	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.43	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.42	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.43	24.0	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.41	24.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.42	24.0	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.39	24.0	PASS

Band12	3MHz	QPSK	23025	1RB#14	23.41	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.39	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.42	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.53	24.0	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.51	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.42	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.41	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.42	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.53	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.43	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.41	24.0	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.45	24.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.44	24.0	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.42	24.0	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.46	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.55	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.41	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.41	24.0	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.43	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.75	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.61	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.62	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.53	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.52	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.51	24.0	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.53	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.66	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.51	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.52	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.53	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.54	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.51	24.0	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.42	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.39	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.41	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.32	24.0	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.53	24.0	PASS

Band12	3MHz	16QAM	23165	8RB#4	21.55	24.0	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.54	24.0	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.41	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.32	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.53	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.31	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.52	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.43	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.45	24.0	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.53	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.44	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.42	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.33	24.0	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.41	24.0	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.42	24.0	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.53	24.0	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.56	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.34	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.51	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.42	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.33	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.46	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.34	24.0	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.40	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.42	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.61	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.39	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.44	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.42	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.53	24.0	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.56	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.62	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.71	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.52	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.63	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.52	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.61	24.0	PASS

Band12	5MHz	16QAM	23095	25RB#0	21.62	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.43	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.56	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.41	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.42	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.46	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.46	24.0	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.59	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.36	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.72	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.32	24.0	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.53	24.0	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.65	24.0	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.54	24.0	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.62	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.43	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.51	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.32	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.53	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.64	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.62	24.0	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.73	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.45	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.51	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.42	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.46	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.42	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.46	24.0	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.54	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.62	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.73	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.61	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.62	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.63	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.52	24.0	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.76	24.0	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.62	24.0	PASS

Band12	10MHz	16QAM	23095	1RB#24	22.63	24.0	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.51	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.72	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.73	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.81	24.0	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.72	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.33	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.52	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.36	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.54	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.52	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.63	24.0	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.66	24.0	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.51	24.0	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.62	24.0	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.43	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.66	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.65	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.54	24.0	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.62	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.53	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.55	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.46	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.42	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.43	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.51	24.0	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.53	24.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.42	24.0	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.61	24.0	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.42	24.0	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.43	24.0	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.56	24.0	PASS

Band17	5MHz	QPSK	23825	12RB#13	22.44	24.0	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.52	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.73	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.76	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.64	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.71	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.72	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.62	24.0	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.63	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.42	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.64	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.63	24.0	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.21	24.0	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.25	24.0	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.34	24.0	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.74	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.52	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.53	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.42	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.51	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.52	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.43	24.0	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.66	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.44	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.42	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.36	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.53	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.62	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.63	24.0	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.54	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.46	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.79	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.42	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.53	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.52	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.61	24.0	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.62	24.0	PASS

Band17	10MHz	QPSK	23800	1RB#0	23.53	24.0	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.62	24.0	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.54	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.52	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.53	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.56	24.0	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.54	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.76	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.78	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.61	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.62	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.66	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.75	24.0	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.72	24.0	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.61	24.0	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.82	24.0	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.63	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.64	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.62	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.76	24.0	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.75	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.41	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.52	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.43	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.61	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.62	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.63	24.0	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.64	24.0	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.81	24.5	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.02	24.5	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.83	24.5	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.86	24.5	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.84	24.5	PASS

Band38	5MHz	QPSK	37775	12RB#13	22.82	24.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.86	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.95	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.16	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.97	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.05	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.06	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.91	24.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.02	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.83	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.06	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.84	24.5	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.98	24.5	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.91	24.5	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.92	24.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.93	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.06	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.17	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.05	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.86	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.84	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.81	24.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.80	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.93	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.11	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.91	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.92	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.03	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.02	24.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.05	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.96	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.01	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.92	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.03	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.05	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.91	24.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.02	24.5	PASS

Band38	10MHz	QPSK	37800	1RB#0	24.03	24.5	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.36	24.5	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.11	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.92	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.03	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.95	24.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.96	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.21	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.42	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.03	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.15	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.17	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.05	24.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.03	24.5	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.06	24.5	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.21	24.5	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.92	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.13	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.05	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.06	24.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.11	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.02	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.23	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.06	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.04	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.05	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.04	24.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.95	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.76	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.93	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.64	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.02	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.03	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.01	24.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.02	24.5	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.93	24.5	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.14	24.5	PASS

Band38	10MHz	16QAM	38200	1RB#49	22.82	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.13	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.16	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.14	24.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.12	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.03	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.14	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.15	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.13	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.16	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.14	24.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.16	24.5	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.24	24.5	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.32	24.5	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.03	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.15	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.26	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.14	24.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.12	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.00	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.01	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.82	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#0	23.03	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#18	23.02	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#37	23.03	24.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.08	24.5	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.01	24.5	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.08	24.5	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.99	24.5	PASS
Band38	15MHz	16QAM	37825	38RB#0	23.13	24.5	PASS
Band38	15MHz	16QAM	37825	38RB#18	23.12	24.5	PASS
Band38	15MHz	16QAM	37825	38RB#37	23.11	24.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.04	24.5	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.88	24.5	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.90	24.5	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.76	24.5	PASS
Band38	15MHz	16QAM	38000	38RB#0	23.22	24.5	PASS

Band38	15MHz	16QAM	38000	38RB#18	23.19	24.5	PASS
Band38	15MHz	16QAM	38000	38RB#37	23.18	24.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.12	24.5	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.97	24.5	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.99	24.5	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.80	24.5	PASS
Band38	15MHz	16QAM	38175	38RB#0	23.11	24.5	PASS
Band38	15MHz	16QAM	38175	38RB#18	23.13	24.5	PASS
Band38	15MHz	16QAM	38175	38RB#37	23.09	24.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.09	24.5	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.04	24.5	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.47	24.5	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.18	24.5	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.00	24.5	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.97	24.5	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.90	24.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.95	24.5	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.14	24.5	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.38	24.5	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.96	24.5	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.11	24.5	PASS
Band38	20MHz	QPSK	38000	50RB#25	23.07	24.5	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.97	24.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.07	24.5	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.95	24.5	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.11	24.5	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.71	24.5	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.13	24.5	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.08	24.5	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.98	24.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.08	24.5	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.54	24.5	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.85	24.5	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.65	24.5	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.94	24.5	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.92	24.5	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.82	24.5	PASS

Band38	20MHz	16QAM	37850	100RB#0	21.96	24.5	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.00	24.5	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.25	24.5	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.93	24.5	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.07	24.5	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.10	24.5	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.00	24.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.02	24.5	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.52	24.5	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.66	24.5	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.30	24.5	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.19	24.5	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.17	24.5	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.13	24.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.18	24.5	PASS

Band 40(2305-2315MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	23.31	24.0	PASS
Band40	5MHz	QPSK	38725	1RB#12	23.42	24.0	PASS
Band40	5MHz	QPSK	38725	1RB#24	23.33	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#0	22.35	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#6	22.34	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#13	22.22	24.0	PASS
Band40	5MHz	QPSK	38725	25RB#0	22.22	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#0	23.16	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#12	23.35	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#24	23.16	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#0	22.31	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#6	22.35	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#13	22.26	24.0	PASS
Band40	5MHz	QPSK	38750	25RB#0	22.22	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#0	23.43	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#12	23.44	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#24	23.35	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#0	22.36	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#6	22.37	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#13	22.25	24.0	PASS
Band40	5MHz	QPSK	38775	25RB#0	22.22	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#0	22.53	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#12	22.66	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#24	22.54	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#0	21.25	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#6	21.26	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#13	21.17	24.0	PASS
Band40	5MHz	16QAM	38725	25RB#0	21.21	24.0	PASS
Band40	5MHz	16QAM	38750	1RB#0	22.40	24.0	PASS
Band40	5MHz	16QAM	38750	1RB#12	22.62	24.0	PASS
Band40	5MHz	16QAM	38750	1RB#24	22.43	24.0	PASS
Band40	5MHz	16QAM	38750	12RB#0	21.24	24.0	PASS
Band40	5MHz	16QAM	38750	12RB#6	21.22	24.0	PASS

Band40	5MHz	16QAM	38750	12RB#13	21.23	24.0	PASS
Band40	5MHz	16QAM	38750	25RB#0	21.24	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#0	22.35	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#12	22.42	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#24	22.33	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#0	21.26	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#6	21.27	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#13	21.18	24.0	PASS
Band40	5MHz	16QAM	38775	25RB#0	21.26	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#0	23.43	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#24	23.51	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#49	23.32	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#0	22.31	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#12	22.32	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#25	22.23	24.0	PASS
Band40	10MHz	QPSK	38750	50RB#0	22.31	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#0	22.42	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#24	22.63	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#49	22.42	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#0	21.43	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#12	21.31	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#25	21.22	24.0	PASS
Band40	10MHz	16QAM	38750	50RB#0	21.23	24.0	PASS

Band 40(2350-2360MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band40	5MHz	QPSK	39175	1RB#0	22.71	23.5	PASS
Band40	5MHz	QPSK	39175	1RB#12	22.81	23.5	PASS
Band40	5MHz	QPSK	39175	1RB#24	22.61	23.5	PASS
Band40	5MHz	QPSK	39175	12RB#0	21.80	23.5	PASS
Band40	5MHz	QPSK	39175	12RB#6	21.72	23.5	PASS
Band40	5MHz	QPSK	39175	12RB#13	21.83	23.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	21.81	23.5	PASS

Band40	5MHz	QPSK	39200	1RB#0	22.82	23.5	PASS
Band40	5MHz	QPSK	39200	1RB#12	22.93	23.5	PASS
Band40	5MHz	QPSK	39200	1RB#24	22.71	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#0	21.82	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#6	21.73	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#13	21.85	23.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	21.82	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#0	22.73	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#12	22.81	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#24	22.72	23.5	PASS
Band40	5MHz	QPSK	39225	12RB#0	21.73	23.5	PASS
Band40	5MHz	QPSK	39225	12RB#6	21.75	23.5	PASS
Band40	5MHz	QPSK	39225	12RB#13	21.74	23.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	21.71	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#0	22.02	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#12	22.13	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#24	22.06	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#0	20.71	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#6	20.72	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#13	20.83	23.5	PASS
Band40	5MHz	16QAM	39175	25RB#0	20.86	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#0	21.91	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#12	22.02	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#24	21.83	23.5	PASS
Band40	5MHz	16QAM	39200	12RB#0	20.71	23.5	PASS
Band40	5MHz	16QAM	39200	12RB#6	20.74	23.5	PASS
Band40	5MHz	16QAM	39200	12RB#13	20.72	23.5	PASS
Band40	5MHz	16QAM	39200	25RB#0	20.73	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#0	22.04	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#12	22.12	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#24	22.03	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#0	20.76	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#6	20.64	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#13	20.61	23.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	20.72	23.5	PASS
Band40	10MHz	QPSK	39200	1RB#0	22.93	23.5	PASS
Band40	10MHz	QPSK	39200	1RB#24	23.06	23.5	PASS

Band40	10MHz	QPSK	39200	1RB#49	22.75	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#0	21.82	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#12	21.83	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#25	21.81	23.5	PASS
Band40	10MHz	QPSK	39200	50RB#0	21.82	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#0	22.13	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#24	22.22	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#49	21.91	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#0	20.82	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#12	20.83	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#25	20.91	23.5	PASS
Band40	10MHz	16QAM	39200	50RB#0	20.82	23.5	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.36	24.0	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.51	24.0	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.32	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.43	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.41	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.52	24.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.51	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.30	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.41	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.32	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.31	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.33	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.21	24.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.42	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.43	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.51	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.42	24.0	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.23	24.0	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.24	24.0	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.22	24.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.53	24.0	PASS

Band66	1.4MHz	16QAM	131979	1RB#0	22.51	24.0	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.72	24.0	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.42	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.33	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.31	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.32	24.0	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.33	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.14	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.32	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.12	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.03	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.11	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.12	24.0	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.33	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.31	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.42	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.23	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.01	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.02	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.03	24.0	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.32	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.41	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.42	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.43	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.51	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.42	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.43	24.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.41	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.32	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.33	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.32	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.33	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.32	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.43	24.0	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.31	24.0	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.42	24.0	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.43	24.0	PASS

Band66	3MHz	QPSK	132657	1RB#14	23.41	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.42	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.43	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.51	24.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.32	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.63	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.51	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.52	24.0	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.53	24.0	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.51	24.0	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.52	24.0	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.43	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.41	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.42	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.33	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.31	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.32	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.33	24.0	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.21	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.23	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.22	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.22	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.43	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.32	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.32	24.0	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.13	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.42	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.51	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.42	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.43	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.52	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.43	24.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.42	24.0	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.31	24.0	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.42	24.0	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.33	24.0	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.31	24.0	PASS

Band66	5MHz	QPSK	132322	12RB#6	22.32	24.0	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.33	24.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.31	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.32	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.53	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.31	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.32	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.33	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.22	24.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.31	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.42	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.43	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.41	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.42	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.43	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.41	24.0	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.52	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.43	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.51	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.42	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.33	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.32	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.21	24.0	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.22	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.23	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.31	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.22	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.23	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.32	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.22	24.0	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.23	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.31	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.51	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.33	24.0	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.53	24.0	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.51	24.0	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.42	24.0	PASS

Band66	10MHz	QPSK	132022	50RB#0	22.53	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.31	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.51	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.32	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.41	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.42	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.33	24.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.31	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.32	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.51	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.42	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.43	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.45	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.31	24.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.32	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.61	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.62	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.63	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.54	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.52	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.53	24.0	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.52	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.41	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.52	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.41	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.32	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.33	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.22	24.0	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.32	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.31	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.21	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.22	24.0	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.43	24.0	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.42	24.0	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.31	24.0	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.41	24.0	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.42	24.0	PASS

Band66	15MHz	QPSK	132047	1RB#38	23.43	24.0	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.22	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.51	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.52	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.53	24.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.51	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.32	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.43	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.31	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.52	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.53	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.52	24.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.41	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.32	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.43	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.32	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.52	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.41	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.42	24.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.41	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.53	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.61	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.42	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.51	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#18	22.52	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.54	24.0	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.44	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.52	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.61	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.52	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#0	22.53	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#18	22.41	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#37	22.52	24.0	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.42	24.0	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.23	24.0	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.34	24.0	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.22	24.0	PASS

Band66	15MHz	16QAM	132597	38RB#0	22.44	24.0	PASS
Band66	15MHz	16QAM	132597	38RB#18	22.42	24.0	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.43	24.0	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.42	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.41	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.64	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.22	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.53	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.51	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.42	24.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.43	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.31	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.52	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.33	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.32	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.31	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.22	24.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.33	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.11	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.32	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.23	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.32	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.31	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.31	24.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.32	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.43	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.62	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.33	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.56	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.52	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.51	24.0	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.52	24.0	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.43	24.0	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.61	24.0	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.32	24.0	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.33	24.0	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.36	24.0	PASS

Band66	20MHz	16QAM	132322	50RB#50	21.22	24.0	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.31	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.22	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.53	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.11	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.42	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.33	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.36	24.0	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.34	24.0	PASS

Remark:

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 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. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. 6 When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
2. Per KDB941225 D05 v02r05, the procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
3. Per KDB941225 D05 v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB941225 D05 v02r05, for each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

WLAN(2.4GHz)					
Test Mode	Data Rate	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
802.11b	11Mbps	CH 01	2412	15.58	16.0
		CH 06	2437	15.38	15.5
		CH 11	2462	14.49	14.5
802.11g	54Mbps	CH 01	2412	14.27	14.5
		CH 06	2437	14.35	14.5
		CH 11	2462	14.02	14.5
802.11n (20MHz)	MCS7	CH 01	2412	13.86	14.0
		CH 06	2437	13.69	14.0
		CH 11	2462	13.89	14.0
802.11n (40MHz)	MCS7	CH 03	2422	12.18	12.5
		CH 06	2437	12.04	12.5
		CH 09	2452	11.87	12.0

Remark:

1. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.
2. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements ,when the reported SAR of the highest measured maximum output power channel (see 3.1) for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.
- 3 .For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is ≤ 1.2 W/kg.

Bluetooth			
Test Mode	Data Rate	Conducted Power (dBm)	Tune- up power (dBm)
GFSK	1Mbps	7.77	8.0
4* π 4DQPSK	2Mbps	7.15	7.5
8DPSK	3Mbps	7.3	7.5

Bluetooth			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
BLE	2402	-3.51	-3.5
	2440	-3.6	-3.5
	2480	-3.25	-3.0

NFC			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
NFC	13.56	-47.07	-47.0

Remark:

NFC maximum output power is -34.07dBm *respectively*, and Maximum Tune-Up output power is -34.0dBm *respectively*,. Per KDB 447498 D01 V06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq$$

3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
-47.0	0.00002	5	0.01356	0.00001	3

The exclusion threshold is $0.00001 < 3$, therefore, the RF exposure evaluation is not required.

9.2 Test Results for Standalone SAR Test

Body SAR

GSM850 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	128	836.6	33.11	33.5	1.094	0.437	0.478
	GSM	Back Face	190	824.2	33.07	33.5	1.104	0.517	0.571
	GSM	Back Face	251	848.8	33.10	33.5	1.096	0.554	0.607
	GPRS_4TX	Back Face	128	836.6	29.56	30.0	1.107	0.437	0.484
	GPRS_4TX	Right Side	128	836.6	29.56	30.0	1.107	0.201	0.222
	GPRS_4TX	Top Side	128	836.6	29.56	30.0	1.107	0.310	0.343
	GPRS_4TX	Back Face	190	824.2	29.48	30.0	1.127	0.509	0.574
1.	GPRS_4TX	Back Face	251	848.8	29.40	30.0	1.148	0.559	0.642

GSM1900 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	512	1850.2	30.51	31.0	1.119	0.433	0.485
	GSM	Back Face	661	1880	30.30	31.0	1.175	0.373	0.438
	GSM	Back Face	810	1909.8	30.22	31.0	1.197	0.340	0.407
2.	GPRS_4TX	Back Face	512	1850.2	27.07	27.5	1.104	0.510	0.563
	GPRS_4TX	Right Side	512	1850.2	27.07	27.5	1.104	0.420	0.464
	GPRS_4TX	Top Side	512	1850.2	27.07	27.5	1.104	0.302	0.333
	GPRS_4TX	Back Face	661	1880	27.04	27.5	1.112	0.426	0.474
	GPRS_4TX	Back Face	810	1909.8	26.88	27.5	1.153	0.366	0.422

WCDMA Band 2 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	9538	1907.6	24.56	25.0	1.107	0.804	0.890
	RMC 12.2k	Right Side	9538	1907.6	24.56	25.0	1.107	0.532	0.589
	RMC 12.2k	Top Side	9538	1907.6	24.56	25.0	1.107	0.324	0.359
3.	RMC 12.2k	Back Face	9262	1852.4	24.05	24.5	1.109	0.819	0.908
	RMC 12.2k	Back Face	9400	1880.0	24.40	24.5	1.023	0.772	0.790

WCDMA Band 4 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	1312	1712.4	23.46	23.5	1.009	0.858	0.866
	RMC 12.2k	Right Side	1312	1712.4	23.46	23.5	1.009	0.438	0.442
	RMC 12.2k	Top Side	1312	1712.4	23.46	23.5	1.009	0.358	0.361
	RMC 12.2k	Back Face	1412	1732.4	23.29	23.5	1.050	0.850	0.892
4.	RMC 12.2k	Back Face	1513	1752.6	23.20	23.5	1.072	0.845	0.905

WCDMA Band 5 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
5.	RMC 12.2k	Back Face	4233	846.6	24.07	24.5	1.104	0.676	0.746
	RMC 12.2k	Right Side	4233	846.6	24.07	24.5	1.104	0.444	0.490
	RMC 12.2k	Top Side	4233	846.6	24.07	24.5	1.104	0.324	0.358
	RMC 12.2k	Back Face	4132	826.4	24.05	24.5	1.109	0.511	0.567
	RMC 12.2k	Back Face	4183	836.4	24.04	24.5	1.112	0.580	0.645

LTE Band 2–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Freque ncy	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1900	24.05	24.5	1.109	0.795	0.882
	QPSK 20MHz 1RB	Right Side	1900	24.05	24.5	1.109	0.565	0.627
	QPSK 20MHz 1RB	Top Side	1900	24.05	24.5	1.109	0.618	0.685
6.	QPSK 20MHz 1RB	Back Face	1880	23.78	24.5	1.180	0.854	1.008
	QPSK 20MHz 1RB	Back Face	1860	23.63	24.5	1.222	0.765	0.935
	QPSK 20MHz 50%RB	Back Face	1900	24.05	24.5	1.109	0.638	0.708
	QPSK 20MHz 50%RB	Right Side	1900	24.05	24.5	1.109	0.461	0.511
	QPSK 20MHz 50%RB	Top Side	1900	24.05	24.5	1.109	0.523	0.580
	QPSK 20MHz 50%RB	Back Face	1880	23.78	24.5	1.180	0.666	0.786
	QPSK 20MHz 50%RB	Back Face	1860	23.63	24.5	1.222	0.635	0.776

LTE Band 4–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1720	23.30	23.5	1.047	0.812	0.850
	QPSK 20MHz 1RB	Right Side	1720	23.30	23.5	1.047	0.441	0.462
	QPSK 20MHz 1RB	Top Side	1720	23.30	23.5	1.047	0.583	0.610
	QPSK 20MHz 1RB	Back Face	1732.5	22.96	23.5	1.132	0.836	0.947
7.	QPSK 20MHz 1RB	Back Face	1745	22.93	23.5	1.140	0.834	0.951
	QPSK 20MHz 50%RB	Back Face	1720	23.30	23.5	1.047	0.685	0.717
	QPSK 20MHz 50%RB	Right Side	1720	23.30	23.5	1.047	0.376	0.394
	QPSK 20MHz 50%RB	Top Side	1720	23.30	23.5	1.047	0.495	0.518
	QPSK 20MHz 50%RB	Back Face	1732.5	22.96	23.5	1.132	0.661	0.749
	QPSK 20MHz 50%RB	Back Face	1745	22.93	23.5	1.140	0.695	0.792

LTE Band 5–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
8.	QPSK 10MHz 1RB	Back Face	836.5	23.75	24.0	1.059	0.634	0.672
	QPSK 10MHz 1RB	Right Side	836.5	23.75	24.0	1.059	0.296	0.314
	QPSK 10MHz 1RB	Top Side	836.5	23.75	24.0	1.059	0.312	0.330
	QPSK 10MHz 1RB	Back Face	829	23.54	24.0	1.112	0.486	0.540
	QPSK 10MHz 1RB	Back Face	844	23.65	24.0	1.084	0.579	0.628
	QPSK 10MHz 50%RB	Back Face	836.5	23.75	24.0	1.059	0.541	0.573
	QPSK 10MHz 50%RB	Right Side	836.5	23.75	24.0	1.059	0.259	0.274
	QPSK 10MHz 50%RB	Top Side	836.5	23.75	24.0	1.059	0.274	0.290
	QPSK 10MHz 50%RB	Back Face	829	23.54	24.0	1.112	0.438	0.487
	QPSK 10MHz 50%RB	Back Face	844	23.65	24.0	1.084	0.478	0.518

LTE Band 7–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2560	22.19	22.5	1.074	0.394	0.423
	QPSK 20MHz 1RB	Right Side	2560	22.19	22.5	1.074	0.101	0.108
	QPSK 20MHz 1RB	Top Side	2560	22.19	22.5	1.074	0.305	0.328
9.	QPSK 20MHz 1RB	Back Face	2510	21.86	22.5	1.159	0.461	0.534
	QPSK 20MHz 1RB	Back Face	2535	21.72	22.5	1.197	0.433	0.518
	QPSK 20MHz 50%RB	Back Face	2560	22.19	22.5	1.074	0.309	0.332
	QPSK 20MHz 50%RB	Right Side	2560	22.19	22.5	1.074	0.085	0.091
	QPSK 20MHz 50%RB	Top Side	2560	22.19	22.5	1.074	0.217	0.233
	QPSK 20MHz 50%RB	Back Face	2510	21.86	22.5	1.159	0.357	0.414
	QPSK 20MHz 50%RB	Back Face	2535	21.72	22.5	1.197	0.352	0.421

LTE Band 12–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
10.	QPSK 10MHz 1RB	Back Face	704	23.72	24.0	1.067	0.235	0.251
	QPSK 10MHz 1RB	Right Side	704	23.72	24.0	1.067	0.094	0.100
	QPSK 10MHz 1RB	Top Side	704	23.72	24.0	1.067	0.104	0.111
	QPSK 10MHz 1RB	Back Face	707.5	23.51	24.0	1.119	0.224	0.251
	QPSK 10MHz 1RB	Back Face	711	23.51	24.0	1.119	0.224	0.251
	QPSK 10MHz 50%RB	Back Face	704	23.72	24.0	1.067	0.182	0.194
	QPSK 10MHz 50%RB	Right Side	704	23.72	24.0	1.067	0.075	0.080
	QPSK 10MHz 50%RB	Top Side	704	23.72	24.0	1.067	0.082	0.087
	QPSK 10MHz 50%RB	Back Face	707.5	23.51	24.0	1.119	0.202	0.226
	QPSK 10MHz 50%RB	Back Face	711	23.51	24.0	1.119	0.169	0.189

LTE Band 17–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	710	23.79	24.0	1.050	0.212	0.223
	QPSK 10MHz 1RB	Right Side	710	23.79	24.0	1.050	0.093	0.098
	QPSK 10MHz 1RB	Top Side	710	23.79	24.0	1.050	0.101	0.106
	QPSK 10MHz 1RB	Back Face	709	23.44	24.0	1.138	0.249	0.283
11.	QPSK 10MHz 1RB	Back Face	711	23.62	24.0	1.091	0.269	0.294
	QPSK 10MHz 50%RB	Back Face	709	23.44	24.0	1.138	0.158	0.180
	QPSK 10MHz 50%RB	Right Side	709	23.44	24.0	1.138	0.071	0.081
	QPSK 10MHz 50%RB	Top Side	709	23.44	24.0	1.138	0.076	0.086
	QPSK 10MHz 50%RB	Back Face	710	23.79	24.0	1.050	0.193	0.203
	QPSK 10MHz 50%RB	Back Face	711	23.62	24.0	1.091	0.202	0.220

LTE Band 38–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2580.0	24.47	24.5	1.007	0.426	0.429
	QPSK 20MHz 1RB	Right Side	2580.0	24.47	24.5	1.007	0.134	0.135
	QPSK 20MHz 1RB	Top Side	2580.0	24.47	24.5	1.007	0.338	0.340
	QPSK 20MHz 1RB	Back Face	2595.0	24.38	24.5	1.028	0.409	0.420
12.	QPSK 20MHz 1RB	Back Face	2610.0	24.11	24.5	1.094	0.428	0.468
	QPSK 20MHz 50%RB	Back Face	2580.0	24.47	24.5	1.007	0.320	0.322
	QPSK 20MHz 50%RB	Right Side	2580.0	24.47	24.5	1.007	0.114	0.115
	QPSK 20MHz 50%RB	Top Side	2580.0	24.47	24.5	1.007	0.225	0.227
	QPSK 20MHz 50%RB	Back Face	2595.0	24.38	24.5	1.028	0.302	0.310
	QPSK 20MHz 50%RB	Back Face	2610.0	24.11	24.5	1.094	0.330	0.361

LTE Band 40(2305-2315MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
13.	QPSK 10MHz 1RB	Back Face	2310	23.51	24.0	1.119	0.525	0.588
	QPSK 10MHz 1RB	Right Side	2310	23.51	24.0	1.119	0.169	0.189
	QPSK 10MHz 1RB	Top Side	2310	23.51	24.0	1.119	0.476	0.533
	QPSK 10MHz 50%RB	Back Face	2310	23.51	24.0	1.119	0.416	0.466
	QPSK 10MHz 50%RB	Right Side	2310	23.51	24.0	1.119	0.133	0.149
	QPSK 10MHz 50%RB	Top Side	2310	23.51	24.0	1.119	0.377	0.422

LTE Band 40(2350-2360MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
14.	QPSK 10MHz 1RB	Back Face	2355	23.06	23.5	1.107	0.402	0.445
	QPSK 10MHz 1RB	Right Side	2355	23.06	23.5	1.107	0.141	0.156
	QPSK 10MHz 1RB	Top Side	2355	23.06	23.5	1.107	0.383	0.424
	QPSK 10MHz 50%RB	Back Face	2355	23.06	23.5	1.107	0.323	0.357
	QPSK 10MHz 50%RB	Right Side	2355	23.06	23.5	1.107	0.118	0.131
	QPSK 10MHz 50%RB	Top Side	2355	23.06	23.5	1.107	0.311	0.344

LTE Band 66–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1720	23.64	24.0	1.086	0.812	0.882
	QPSK 20MHz 1RB	Right Side	1720	23.64	24.0	1.086	0.442	0.480
	QPSK 20MHz 1RB	Top Side	1720	23.64	24.0	1.086	0.592	0.643
	QPSK 20MHz 1RB	Back Face	1745	23.52	24.0	1.117	0.823	0.919
15.	QPSK 20MHz 1RB	Back Face	1770	23.32	24.0	1.169	0.821	0.960
	QPSK 20MHz 50%RB	Back Face	1720	23.64	24.0	1.086	0.679	0.738
	QPSK 20MHz 50%RB	Right Side	1720	23.64	24.0	1.086	0.383	0.416
	QPSK 20MHz 50%RB	Top Side	1720	23.64	24.0	1.086	0.499	0.542
	QPSK 20MHz 50%RB	Back Face	1745	23.52	24.0	1.117	0.654	0.730
	QPSK 20MHz 50%RB	Back Face	1770	23.32	24.0	1.169	0.679	0.794

WLAN 2.4GHz –Body SAR Test(Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
16.	802.11b	Back Face	1	2412	15.58	16.0	1.102	0.454	0.500
	802.11b	Left Side	1	2412	15.58	16.0	1.102	0.234	0.258
	802.11b	Bottom Side	1	2412	15.58	16.0	1.102	0.289	0.318
	802.11b	Back Face	6	2437	15.38	15.5	1.028	0.394	0.405
	802.11b	Back Face	11	2462	14.49	14.5	1.002	0.459	0.460

Bluetooth–Body SAR Test(Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
17.	GFSK	Back Face	0	2402	7.77	8.0	1.054	0.145	0.153
	GFSK	Left Side	0	2402	7.77	8.0	1.054	0.066	0.070
	GFSK	Bottom Side	0	2402	7.77	8.0	1.054	0.085	0.090
	GFSK	Back Face	39	2441	7.77	8.0	1.054	0.114	0.120
	GFSK	Back Face	78	2480	7.77	8.0	1.054	0.138	0.146

Repeated SAR

WCDMA Band 2 – Body SAR Test (Gap: 0mm)								
Mode	Test Position Body	Frequency		SAR1g (W/kg)	Repeated SAR		Ratio	
		CH.	MHz		1	2	1	2
RMC 12.2k	Back Face	9538	1907.6	0.804	0.786	/	1.023	/
RMC 12.2k	Back Face	9262	1852.4	0.819	0.802	/	1.021	/

WCDMA Band 4 – Body SAR Test (Gap: 0mm)								
Mode	Test Position Body	Frequency		SAR1g (W/kg)	Repeated SAR		Ratio	
		CH.	MHz		1	2	1	2
RMC 12.2k	Back Face	1312	1712.4	0.858	0.836	/	1.026	/
RMC 12.2k	Back Face	1412	1732.4	0.850	0.823	/	1.033	/
RMC 12.2k	Back Face	1513	1752.6	0.845	0.819	/	1.032	/

LTE Band 2–Body SAR Test (Gap: 0mm)							
Mode	Test Position Body	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Back Face	1880	0.854	0.828	/	1.031	/

LTE Band 4–Body SAR Test (Gap: 0mm)							
Mode	Test Position Body	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Back Face	1720	0.812	0.798	/	1.018	/
QPSK 20MHz 1RB	Back Face	1732.5	0.836	0.806	/	1.037	/
QPSK 20MHz 1RB	Back Face	1745	0.834	0.811	/	1.028	/

LTE Band 66–Body SAR Test (Gap: 0mm)							
Mode	Test Position Body	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Back Face	1720	0.812	0.786	/	1.033	/
QPSK 20MHz 1RB	Back Face	1745	0.823	0.783	/	1.051	/
QPSK 20MHz 1RB	Back Face	1770	0.821	0.792	/	1.037	/

Remark:

- 1) Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.
- 2) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 3) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 4) 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).

- 5) 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 .

9.3 Simultaneous Multi-band Transmission SAR Analysis

List of Mode for Simultaneous Multi-band Transmission

No.	Configurations	Body SAR
1	GSM(Voice/Data) + WLAN(2.4GHz)(Data) + NFC(Data)	Yes
2	WCDMA (Data)+ WLAN (2.4GHz)(Data) + NFC(Data)	Yes
3	LTE(Data) + WLAN (2.4GHz)(Data) + NFC(Data)	Yes
4	GSM(Voice/Data) + Bluetooth(Data) + NFC(Data)	Yes
5	WCDMA (Data) + Bluetooth(Data) + NFC(Data)	Yes
6	LTE(Data) + Bluetooth(Data) + NFC(Data)	Yes

Remark:

1. GSM, WCDMA and LTE share the same antenna, and cannot transmit simultaneously.
2. WLAN and Bluetooth share the same antenna, and cannot transmit simultaneously.
3. According to the KDB 447498 D01 v06, when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

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

where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.

For simultaneous transmission analysis, NFC SAR is estimated per KDB 447498 D01 v06 as below:

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	X	SAR(1g) 5mm
-47.0	0.00002	5/10	0.01356	7.5	0.000001

	WWAN		WLAN(2.4GHz)	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.642	0.500	1.142
Right side	GSM	0.464	--	0.464
Left side	GSM	--	0.258	0.258
Top side	GSM	0.343	--	0.343
Bottom side	GSM	--	0.318	0.318
Back	WCDMA	0.908	0.500	1.408
Right side	WCDMA	0.589	--	0.589
Left side	WCDMA	--	0.258	0.258
Top side	WCDMA	0.361	--	0.361
Bottom side	WCDMA	--	0.318	0.318
Back	LTE	1.008	0.500	1.508
Right side	LTE	0.627	--	0.627
Left side	LTE	--	0.258	0.258
Top side	LTE	0.685	--	0.685
Bottom side	LTE	--	0.318	0.318

	WWAN		Bluetooth	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.642	0.153	0.795
Right side	GSM	0.464	--	0.464
Left side	GSM	--	0.070	0.070
Top side	GSM	0.343	--	0.343
Bottom side	GSM	--	0.090	0.090
Back	WCDMA	0.908	0.153	1.061
Right side	WCDMA	0.589	--	0.589
Left side	WCDMA	--	0.070	0.070
Top side	WCDMA	0.361	--	0.361
Bottom side	WCDMA	--	0.090	0.090
Back	LTE	1.008	0.153	1.161
Right side	LTE	0.627	--	0.627
Left side	LTE	--	0.070	0.070
Top side	LTE	0.685	--	0.685
Bottom side	LTE	--	0.090	0.090

Note:

1. NFC output power is so low and SAR is negligible.

10. Measurement Uncertainty

10.1 Uncertainty for SAR Test

a	b	c	d	e= f(d,k)	f	g	h= c*f/e	i= c*g/e	k
Uncertainty Component	Sec.	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	Vi
Measurement System									
Probe calibration	E.2.1	7.0	N		1	1	7.00	7.00	
Axial Isotropy	E.2.2	2.5	R		$(1_{Cp})^{1/2}$	$(1_{Cp})^{1/2}$	1.02	1.02	
Hemispherical Isotropy	E.2.2	4.0	R		$(Cp)^{1/2}$	$(Cp)^{1/2}$	1.63	1.63	
Boundary effect	E.2.3	1.0	R		1	1	0.58	0.58	
Linearity	E.2.4	5.0	R		1	1	2.89	2.89	
System detection limits	E.2.5	1.0	R		1	1	0.58	0.58	
Readout Electronics	E.2.6	0.02	N		1	1	0.02	0.02	
Reponse Time	E.2.7	3.0	R		1	1	1.73	1.73	
Integration Time	E.2.8	2.0	R		1	1	1.15	1.15	
RF ambient Conditions -	E.6.1	0	R		1	1	1.73	1.73	
RF ambient Conditions - Reflections	E.6.1	0	R		1	1	1.73	1.73	
Probe positioner Mechanical Tolerance	E.6.2	2.0	R		1	1	1.15	1.15	
Probe positioning with respect to Phantom Shell	E.6.3	0.05	R		1	1	0.03	0.03	
Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	E.5	5.0	R		1	1	2.89	2.89	
Test Sample Related									
Test sample positioning	E.4.2	0.03	N		1	1	0.03	0.03	
Device Holder Uncertainty	E.4.1	5.00	N		1	1	5.00	5.00	
Output power Variation - SAR drift measurement	E.2.9	12.02	R		1	1	6.94	6.94	
SAR scaling	E6.5	0.0	R		1	1	0.0	0.0	
Phantom and Tissue Parameters									
Phantom Uncertainty (Shape and thickness tolerances)	E.3.1	0.05	R		1	1	0.03	0.03	

Uncertainty in SAR correction for deviations in permittivity and conductivity	E3.2	1.9	R		1	0.84	1.10	0.90	
Liquid conductivity - deviation from target value	E.3.2	5.00	R		0.64	0.43	1.85	1.24	
Liquid conductivity - measurement uncertainty	E.3.3	5.00	N		0.64	0.43	3.20	2.15	
Liquid permittivity - deviation from target value	E.3.2	0.37	R		0.6	0.49	0.13	0.10	
Liquid permittivity - measurement uncertainty	E.3.3	10.00	N		0.6	0.49	6.00	4.90	
Combined Standard Uncertainty			RSS				10.20	10.00	
Expanded Uncertainty (95% Confidence interval)			K=2				20.40	20.00	

Annex A. Plots of System Performance Check

MEASUREMENT 1

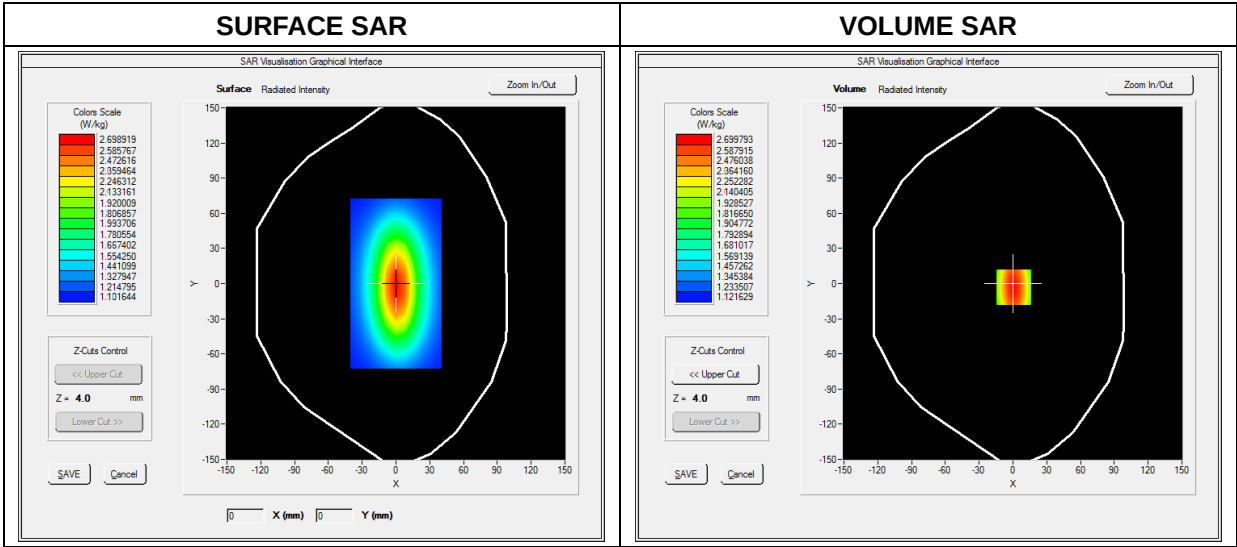
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-01-10
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.76; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	54.740282
Conductivity (S/m)	0.951354
Power Variation (%)	1.032654
Ambient Temperature	22.5
Liquid Temperature	22.5

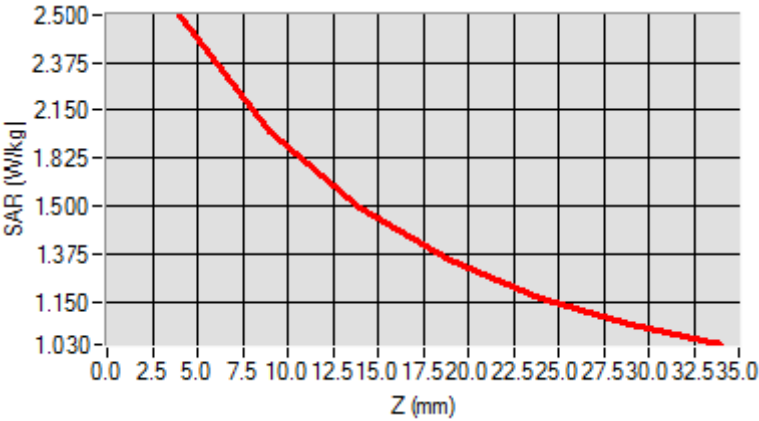


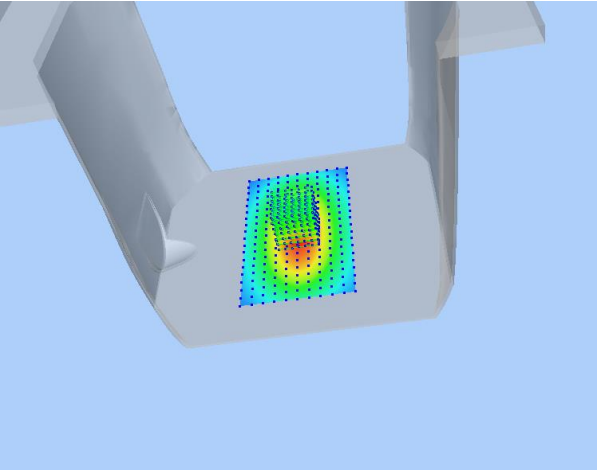
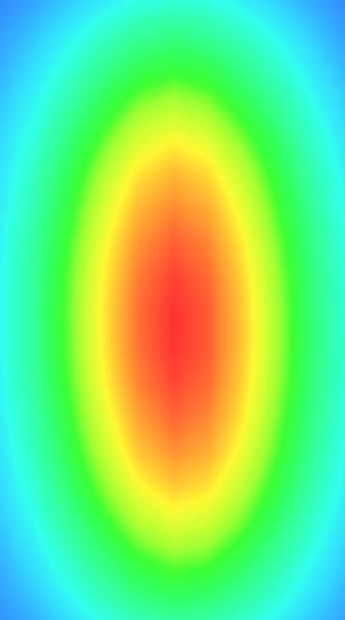
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.342744
SAR 1g (W/Kg)	2.064534

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.3634	1.8023	1.4523	1.2514	1.1005	1.0245



3D screen shot	Hot spot position
	

MEASUREMENT 2

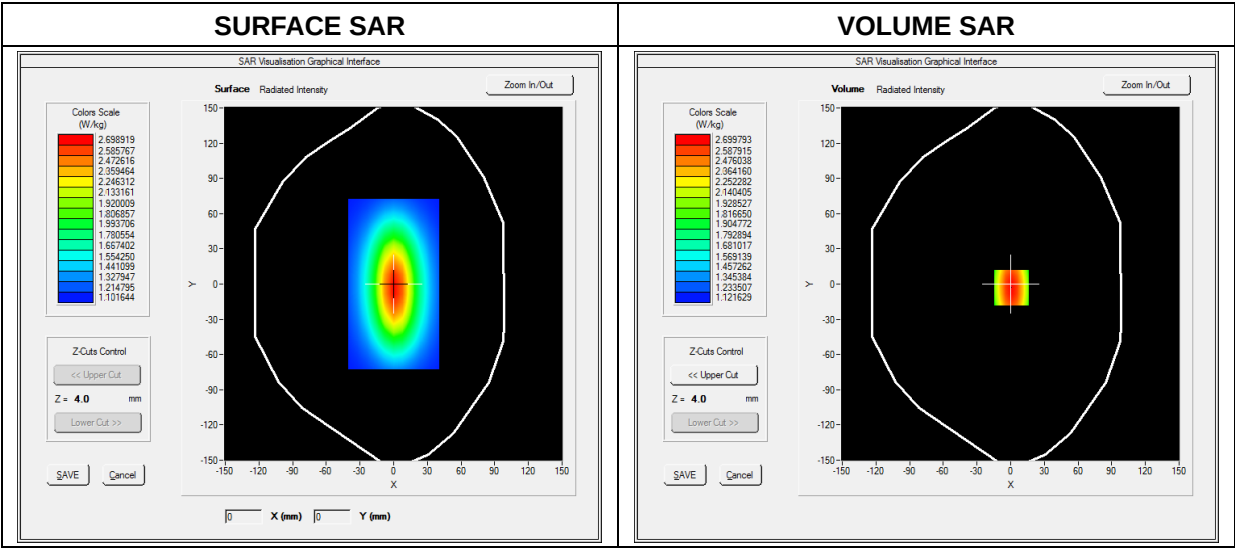
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-01-10
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.78; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	56.332454
Conductivity (S/m)	0.961645
Power Variation (%)	1.453654
Ambient Temperature	22.5
Liquid Temperature	22.5

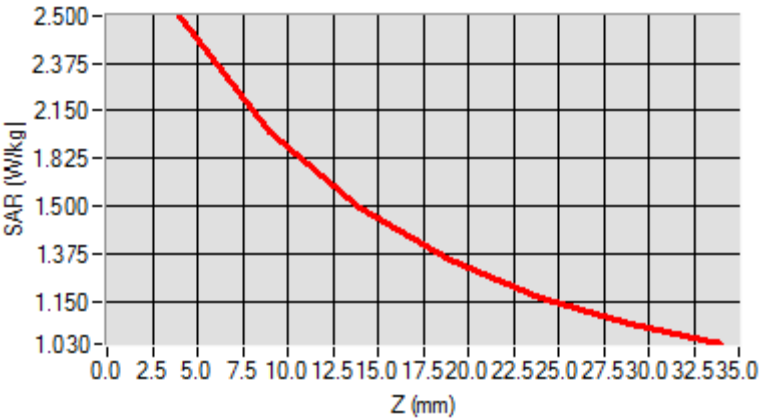


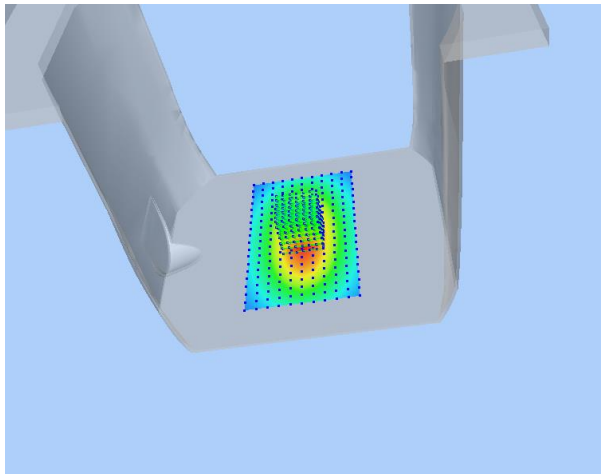
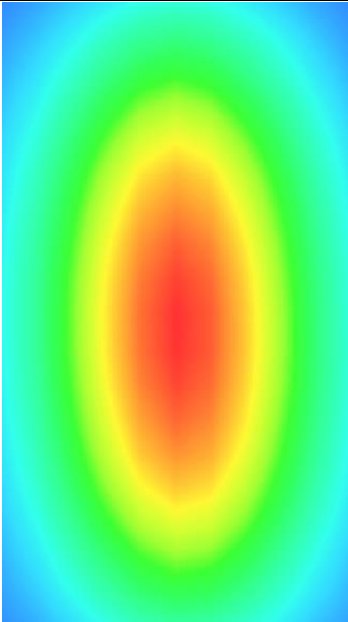
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.471263
SAR 1g (W/Kg)	2.401250

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.4900	1.8942	1.4811	1.3541	1.1123	1.0539



3D screen shot	Hot spot position
	

MEASUREMENT 3

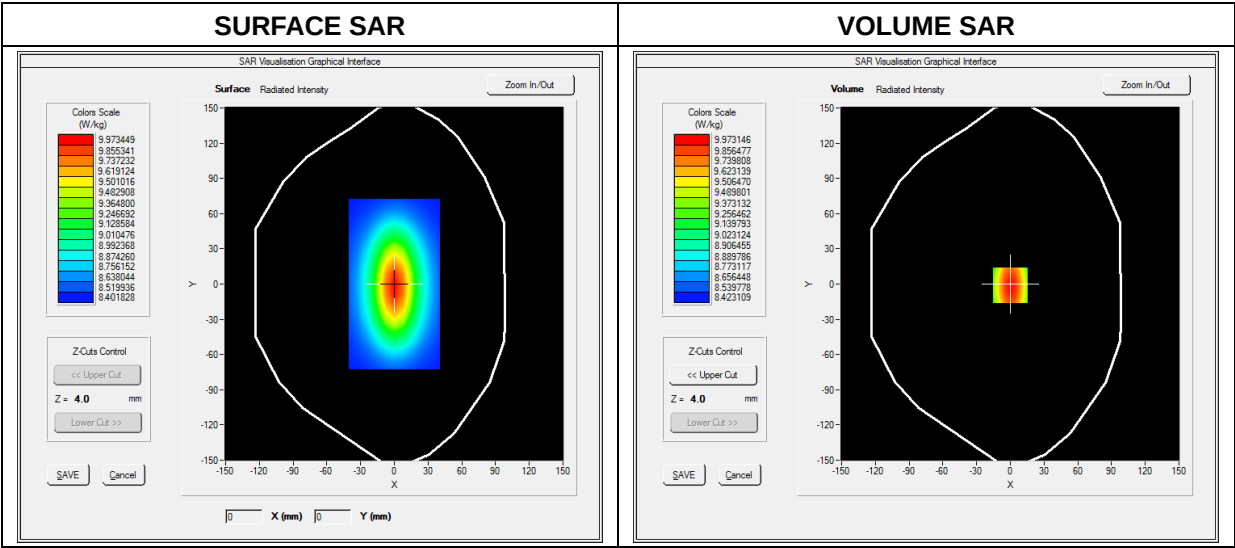
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-01-11
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

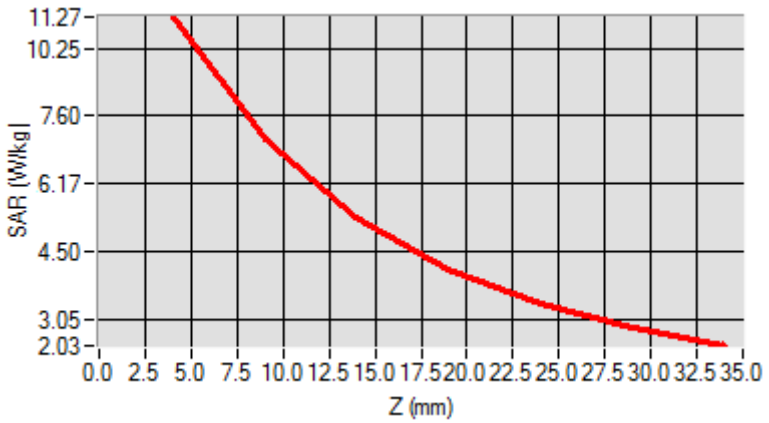
Frequency (MHz)	1800.000000
Relative Permittivity (real part)	54.773541
Conductivity (S/m)	54.762509
Power Variation (%)	1.123236
Ambient Temperature	22.3
Liquid Temperature	22.3



SAR 10g (W/Kg)	5.001252
SAR 1g (W/Kg)	9.701250

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.3455	7.1125	5.1026	3.425	3.0242	2.1125



3D screen shot	Hot spot position
