

Band7	10MHz	16QAM	21400	25RB#25	20.33	22.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.32	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.04	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.02	22.5	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.88	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.32	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.95	22.5	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.40	22.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.96	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.99	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.08	22.5	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.00	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.92	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.94	22.5	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.91	22.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.89	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.81	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.06	22.5	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.96	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.60	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.99	22.5	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.44	22.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.82	22.5	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.98	22.5	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.45	22.5	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.90	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.98	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.35	22.5	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.32	22.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.95	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.31	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.30	22.5	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.92	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.88	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.90	22.5	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.89	22.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.83	22.5	PASS

Band7	15MHz	16QAM	21375	1RB#0	20.90	22.5	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.11	22.5	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.07	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.52	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.58	22.5	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.42	22.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.43	22.5	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.71	22.0	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.85	22.0	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.58	22.0	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.84	22.0	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.82	22.0	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.71	22.0	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.80	22.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.75	22.0	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.62	22.0	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.33	22.0	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.87	22.0	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.89	22.0	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.86	22.0	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.88	22.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.90	22.5	PASS
Band7	20MHz	QPSK	21350	1RB#49	<b>22.18</b>	22.5	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.07	22.5	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.08	22.5	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.06	22.5	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.06	22.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.09	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.55	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.65	22.5	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.45	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.88	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.92	22.5	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.75	22.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.80	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.97	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.77	22.5	PASS

Band7	20MHz	16QAM	21100	1RB#99	20.70	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.91	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.91	22.5	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.89	22.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.89	22.5	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.77	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	20.42	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.40	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.42	22.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.43	22.5	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.46	24.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.59	24.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.42	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.60	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.59	24.0	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.66	24.0	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.53	24.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.46	24.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.64	24.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.40	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.58	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.57	24.0	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.60	24.0	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.43	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.42	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.53	24.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.41	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.56	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.56	24.0	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.61	24.0	PASS

Band12	1.4MHz	QPSK	23173	6RB#0	22.44	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.41	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.55	24.0	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.39	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.50	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.47	24.0	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.45	24.0	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.58	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.49	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.62	24.0	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.51	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.51	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.52	24.0	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.48	24.0	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.57	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.55	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.70	24.0	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.48	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.47	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.46	24.0	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.45	24.0	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.40	24.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.43	24.0	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.41	24.0	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.42	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.51	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.45	24.0	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.54	24.0	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.50	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.45	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.45	24.0	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.40	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.51	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.49	24.0	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.44	24.0	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.48	24.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.46	24.0	PASS

Band12	3MHz	QPSK	23165	1RB#8	23.45	24.0	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.42	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.50	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.45	24.0	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.43	24.0	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.44	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.70	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.62	24.0	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.69	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.58	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.57	24.0	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.58	24.0	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.57	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.65	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.55	24.0	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.53	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.55	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.57	24.0	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.54	24.0	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.48	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.39	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.40	24.0	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.31	24.0	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.53	24.0	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.52	24.0	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.52	24.0	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.44	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.38	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.54	24.0	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.38	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.51	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.46	24.0	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.44	24.0	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.54	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.44	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.49	24.0	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.34	24.0	PASS

Band12	5MHz	QPSK	23095	12RB#0	22.46	24.0	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.47	24.0	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.52	24.0	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.53	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.35	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.55	24.0	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.40	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.39	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.44	24.0	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.39	24.0	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.41	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.45	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.62	24.0	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.43	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.48	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.47	24.0	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.52	24.0	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.61	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.63	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.75	24.0	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.56	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.65	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.59	24.0	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.69	24.0	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.64	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.43	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.57	24.0	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.40	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.48	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.51	24.0	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.50	24.0	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.61	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.39	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#24	<b>23.75</b>	24.0	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.38	24.0	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.57	24.0	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.62	24.0	PASS

Band12	10MHz	QPSK	23060	25RB#25	22.50	24.0	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.62	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.44	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.53	24.0	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.34	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.59	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.60	24.0	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.68	24.0	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.71	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.49	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.59	24.0	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.43	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.43	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.42	24.0	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.49	24.0	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.53	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.65	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.77	24.0	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.62	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.63	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.61	24.0	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.58	24.0	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.70	24.0	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.60	24.0	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.69	24.0	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.59	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.78	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.74	24.0	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.80	24.0	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.78	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.38	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.50	24.0	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.36	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.56	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.57	24.0	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.61	24.0	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.60	24.0	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.56	24.0	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.68	24.0	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.44	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.67	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.62	24.0	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.55	24.0	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.63	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.50	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.56	24.0	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.45	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.45	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.46	24.0	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.57	24.0	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.57	24.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.43	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	22.44	24.0	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.51	24.0	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.49	24.0	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.51	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.74	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.77	24.0	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.65	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.73	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.78	24.0	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.69	24.0	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.68	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.49	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.67	24.0	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.47	24.0	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.62	24.0	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.57	24.0	PASS



Band17	5MHz	16QAM	23790	12RB#13	21.73	24.0	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.75	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.50	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.54	24.0	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.46	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.57	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.57	24.0	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.48	24.0	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.67	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.47	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.46	24.0	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.38	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.58	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.60	24.0	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.65	24.0	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.69	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.55	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#24	<b>23.76</b>	24.0	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.46	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.51	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.54	24.0	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.61	24.0	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.60	24.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.57	24.0	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.65	24.0	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.53	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.51	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.54	24.0	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.56	24.0	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.53	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.71	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.79	24.0	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.63	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.64	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.63	24.0	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.75	24.0	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.74	24.0	PASS

Band17	10MHz	16QAM	23790	1RB#0	22.68	24.0	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.86	24.0	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.63	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.67	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.63	24.0	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.72	24.0	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.73	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.49	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.50	24.0	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.45	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.66	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.67	24.0	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.66	24.0	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.62	24.0	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.85	24.5	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.06	24.5	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.89	24.5	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.85	24.5	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.87	24.5	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.88	24.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.87	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.97	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.12	24.5	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.94	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.01	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.04	24.5	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.95	24.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.02	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.88	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.00	24.5	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.83	24.5	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.96	24.5	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.96	24.5	PASS

Band38	5MHz	QPSK	38225	12RB#13	22.94	24.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.98	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.07	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.16	24.5	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.04	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.83	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.81	24.5	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.82	24.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.81	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.99	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.13	24.5	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.98	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.98	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.01	24.5	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.01	24.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.01	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.97	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.03	24.5	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.90	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.00	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.01	24.5	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.99	24.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.07	24.5	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.02	24.5	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.33	24.5	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.13	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.99	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.01	24.5	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.98	24.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.97	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.20	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.40	24.5	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.08	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.13	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.13	24.5	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.06	24.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.08	24.5	PASS

Band38	10MHz	QPSK	38200	1RB#0	24.02	24.5	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.23	24.5	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.96	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.10	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.06	24.5	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.02	24.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.12	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.08	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.27	24.5	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.05	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.07	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.06	24.5	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.00	24.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.96	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.73	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.95	24.5	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.69	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.09	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.09	24.5	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.04	24.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.09	24.5	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.98	24.5	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.14	24.5	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.88	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.19	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.17	24.5	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.15	24.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.17	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.00	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.14	24.5	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.10	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.11	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.12	24.5	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.12	24.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.12	24.5	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.29	24.5	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.31	24.5	PASS

Band38	15MHz	QPSK	38000	1RB#74	24.05	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.19	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.24	24.5	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.18	24.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.14	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.02	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.04	24.5	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.85	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#0	23.08	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#18	23.08	24.5	PASS
Band38	15MHz	QPSK	38175	38RB#37	23.09	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	<b>24.47</b>	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
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**Band 40(2305-2315MHz)**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	23.38	24.0	PASS
Band40	5MHz	QPSK	38725	1RB#12	23.46	24.0	PASS
Band40	5MHz	QPSK	38725	1RB#24	23.33	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#0	22.37	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#6	22.34	24.0	PASS
Band40	5MHz	QPSK	38725	12RB#13	22.28	24.0	PASS
Band40	5MHz	QPSK	38725	25RB#0	22.27	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#0	23.18	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#12	23.34	24.0	PASS
Band40	5MHz	QPSK	38750	1RB#24	23.15	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#0	22.32	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#6	22.33	24.0	PASS
Band40	5MHz	QPSK	38750	12RB#13	22.25	24.0	PASS
Band40	5MHz	QPSK	38750	25RB#0	22.26	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#0	23.40	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#12	23.49	24.0	PASS
Band40	5MHz	QPSK	38775	1RB#24	23.32	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#0	22.35	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#6	22.36	24.0	PASS
Band40	5MHz	QPSK	38775	12RB#13	22.28	24.0	PASS
Band40	5MHz	QPSK	38775	25RB#0	22.26	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#0	22.55	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#12	22.68	24.0	PASS
Band40	5MHz	16QAM	38725	1RB#24	22.54	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#0	21.24	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#6	21.24	24.0	PASS
Band40	5MHz	16QAM	38725	12RB#13	21.14	24.0	PASS
Band40	5MHz	16QAM	38725	25RB#0	21.22	24.0	PASS
Band40	5MHz	16QAM	38750	1RB#0	22.48	24.0	PASS
Band40	5MHz	16QAM	38750	1RB#12	22.62	24.0	PASS

Band40	5MHz	16QAM	38750	1RB#24	22.48	24.0	PASS
Band40	5MHz	16QAM	38750	12RB#0	21.29	24.0	PASS
Band40	5MHz	16QAM	38750	12RB#6	21.28	24.0	PASS
Band40	5MHz	16QAM	38750	12RB#13	21.22	24.0	PASS
Band40	5MHz	16QAM	38750	25RB#0	21.23	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#0	22.34	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#12	22.49	24.0	PASS
Band40	5MHz	16QAM	38775	1RB#24	22.34	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#0	21.23	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#6	21.23	24.0	PASS
Band40	5MHz	16QAM	38775	12RB#13	21.16	24.0	PASS
Band40	5MHz	16QAM	38775	25RB#0	21.21	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#0	23.42	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#24	<b>23.59</b>	24.0	PASS
Band40	10MHz	QPSK	38750	1RB#49	23.35	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#0	22.39	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#12	22.37	24.0	PASS
Band40	10MHz	QPSK	38750	25RB#25	22.22	24.0	PASS
Band40	10MHz	QPSK	38750	50RB#0	22.33	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#0	22.45	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#24	22.66	24.0	PASS
Band40	10MHz	16QAM	38750	1RB#49	22.48	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#0	21.40	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#12	21.39	24.0	PASS
Band40	10MHz	16QAM	38750	25RB#25	21.25	24.0	PASS
Band40	10MHz	16QAM	38750	50RB#0	21.25	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	22.72	23.5	PASS
Band40	5MHz	QPSK	39175	1RB#12	22.83	23.5	PASS
Band40	5MHz	QPSK	39175	1RB#24	22.63	23.5	PASS
Band40	5MHz	QPSK	39175	12RB#0	21.82	23.5	PASS
Band40	5MHz	QPSK	39175	12RB#6	21.74	23.5	PASS



Band40	5MHz	QPSK	39175	12RB#13	21.87	23.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	21.86	23.5	PASS
Band40	5MHz	QPSK	39200	1RB#0	22.84	23.5	PASS
Band40	5MHz	QPSK	39200	1RB#12	22.96	23.5	PASS
Band40	5MHz	QPSK	39200	1RB#24	22.77	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#0	21.81	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#6	21.79	23.5	PASS
Band40	5MHz	QPSK	39200	12RB#13	21.85	23.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	21.81	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#0	22.76	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#12	22.85	23.5	PASS
Band40	5MHz	QPSK	39225	1RB#24	22.71	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	21.76	23.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	21.76	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#0	22.08	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#12	22.18	23.5	PASS
Band40	5MHz	16QAM	39175	1RB#24	22.00	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#0	20.78	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#6	20.79	23.5	PASS
Band40	5MHz	16QAM	39175	12RB#13	20.88	23.5	PASS
Band40	5MHz	16QAM	39175	25RB#0	20.83	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#0	21.92	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#12	22.01	23.5	PASS
Band40	5MHz	16QAM	39200	1RB#24	21.87	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	20.78	23.5	PASS
Band40	5MHz	16QAM	39200	25RB#0	20.78	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#0	22.07	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#12	22.17	23.5	PASS
Band40	5MHz	16QAM	39225	1RB#24	22.00	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#0	20.71	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#6	20.69	23.5	PASS
Band40	5MHz	16QAM	39225	12RB#13	20.69	23.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	20.75	23.5	PASS

Band40	10MHz	QPSK	39200	1RB#0	22.91	23.5	PASS
Band40	10MHz	QPSK	39200	1RB#24	<b>23.02</b>	23.5	PASS
Band40	10MHz	QPSK	39200	1RB#49	22.81	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#0	21.85	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#12	21.84	23.5	PASS
Band40	10MHz	QPSK	39200	25RB#25	21.87	23.5	PASS
Band40	10MHz	QPSK	39200	50RB#0	21.85	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#0	22.16	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#24	22.27	23.5	PASS
Band40	10MHz	16QAM	39200	1RB#49	21.99	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#0	20.89	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#12	20.89	23.5	PASS
Band40	10MHz	16QAM	39200	25RB#25	20.95	23.5	PASS
Band40	10MHz	16QAM	39200	50RB#0	20.86	23.5	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune-up power (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.42	24.0	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.53	24.0	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.39	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.44	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.44	24.0	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.53	24.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.50	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.32	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.46	24.0	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.31	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.33	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.32	24.0	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.26	24.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.45	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.45	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.55	24.0	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.43	24.0	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.27	24.0	PASS

Band66	1.4MHz	QPSK	132665	3RB#1	23.24	24.0	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.25	24.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.53	24.0	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.54	24.0	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.70	24.0	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.49	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.36	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.35	24.0	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.36	24.0	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.35	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.16	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.36	24.0	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.19	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.08	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.11	24.0	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.10	24.0	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.35	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.32	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.44	24.0	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.26	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.09	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.06	24.0	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.05	24.0	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.37	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.45	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.41	24.0	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.43	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.50	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.48	24.0	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.49	24.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.48	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.39	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.36	24.0	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.37	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.38	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.39	24.0	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.40	24.0	PASS

Band66	3MHz	QPSK	132322	15RB#0	22.36	24.0	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.44	24.0	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.40	24.0	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.42	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.46	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.45	24.0	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.50	24.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.33	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.62	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.57	24.0	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.56	24.0	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.51	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	21.44	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.45	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.40	24.0	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.36	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.35	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.33	24.0	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.31	24.0	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.23	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.23	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.25	24.0	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.27	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.40	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.36	24.0	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.31	24.0	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.19	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.41	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.52	24.0	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.40	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.46	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.50	24.0	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.45	24.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.45	24.0	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.31	24.0	PASS

Band66	5MHz	QPSK	132322	1RB#12	23.41	24.0	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.33	24.0	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.39	24.0	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.38	24.0	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.32	24.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.35	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.38	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.52	24.0	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.38	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.33	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.36	24.0	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.29	24.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.33	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.43	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.48	24.0	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.43	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.49	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.41	24.0	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.40	24.0	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.50	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.42	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.57	24.0	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.44	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.31	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.31	24.0	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.26	24.0	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.28	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.29	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.37	24.0	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.27	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.28	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.30	24.0	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.23	24.0	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.28	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.39	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.57	24.0	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.36	24.0	PASS

Band66	10MHz	QPSK	132022	25RB#0	22.59	24.0	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.56	24.0	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.48	24.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.50	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.39	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.53	24.0	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.35	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.44	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.42	24.0	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.37	24.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.37	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.37	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.50	24.0	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.41	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.41	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.45	24.0	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.39	24.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.36	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.60	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.63	24.0	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.62	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.57	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.55	24.0	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.50	24.0	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.50	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.46	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.52	24.0	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.43	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.39	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.39	24.0	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.29	24.0	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.34	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.31	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.28	24.0	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.25	24.0	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.46	24.0	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.48	24.0	PASS

Band66	10MHz	16QAM	132622	25RB#25	21.33	24.0	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.40	24.0	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.40	24.0	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.43	24.0	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.28	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.53	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.52	24.0	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.52	24.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.54	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.35	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.49	24.0	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.35	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.51	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.51	24.0	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.52	24.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.49	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.36	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.40	24.0	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.33	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.50	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.46	24.0	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.46	24.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.46	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.55	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.62	24.0	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.48	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.52	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#18	22.52	24.0	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.51	24.0	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.47	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.55	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.60	24.0	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.51	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#0	22.50	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#18	22.48	24.0	PASS
Band66	15MHz	16QAM	132322	38RB#37	22.50	24.0	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.41	24.0	PASS

Band66	15MHz	16QAM	132597	1RB#0	22.24	24.0	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.32	24.0	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.21	24.0	PASS
Band66	15MHz	16QAM	132597	38RB#0	22.47	24.0	PASS
Band66	15MHz	16QAM	132597	38RB#18	22.46	24.0	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.46	24.0	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.44	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.41	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#49	<b>23.59</b>	24.0	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.27	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.52	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.52	24.0	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.48	24.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.49	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.30	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.57	24.0	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.31	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.38	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.37	24.0	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.24	24.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.33	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.12	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.37	24.0	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.22	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.33	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.33	24.0	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.33	24.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.33	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.41	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.67	24.0	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.34	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.57	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.57	24.0	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.52	24.0	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.58	24.0	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.42	24.0	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.60	24.0	PASS



Band66	20MHz	16QAM	132322	1RB#99	22.39	24.0	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.35	24.0	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.36	24.0	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.21	24.0	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.31	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.27	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.53	24.0	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.19	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.44	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.39	24.0	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.35	24.0	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.37	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  $\leq 0.8$  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  $\leq 0.8$  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	<b>15.58</b>	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  $\leq 0.8$  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  $\leq 1.2$ W/kg.

Bluetooth			
Test Mode	Data Rate	Conducted Power (dBm)	Tune- up power (dBm)
GFSK	1Mbps	7.77	8.0
4*π4DQPSK	2Mbps	7.15	7.5
8DPSK	3Mbps	7.30	7.5

Bluetooth			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
BLE	2402	-3.51	-3.5
	2440	-3.60	-3.5
	2480	-3.25	-3.0

NFC			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
NFC	13.56	-34.07	-34.0

**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  $\leq 50$  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  $\leq 7.5$  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 calculation<sup>17</sup>
- The result is rounded to one decimal place for comparison

**NFC:**

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
-34.0	0.0004	5	0.01356	0.000009	3

The exclusion threshold is  $0.000009 < 3$ , 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	190	836.6	33.11	33.5	1.094	0.378	0.414
	GSM	Back Face	128	824.2	33.07	33.5	1.104	0.341	0.376
	GSM	Back Face	251	848.8	33.10	33.5	1.096	0.398	0.436
	GPRS_4TX	Back Face	190	836.6	29.56	30.0	1.107	0.694	0.768
	GPRS_4TX	Right Side	190	836.6	29.56	30.0	1.107	0.227	0.251
	GPRS_4TX	Top Side	190	836.6	29.56	30.0	1.107	0.359	0.397
1.	GPRS_4TX	Back Face	128	824.2	29.48	30.0	1.127	0.704	<b>0.794</b>
	GPRS_4TX	Back Face	251	848.8	29.40	30.0	1.148	0.687	0.789

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	0.344	0.385
	GSM	Back Face	661	1880	30.30	31.0	1.175	0.315	0.370
	GSM	Back Face	810	1909.8	30.22	31.0	1.197	0.278	0.333
	GPRS_4TX	Back Face	512	1850.2	27.07	27.5	1.104	0.588	0.649
	GPRS_4TX	Right Side	512	1850.2	27.07	27.5	1.104	0.038	0.042
	GPRS_4TX	Top Side	512	1850.2	27.07	27.5	1.104	0.299	0.330
2.	GPRS_4TX	Back Face	661	1880	27.04	27.5	1.112	0.587	<b>0.653</b>
	GPRS_4TX	Back Face	810	1909.8	26.88	27.5	1.153	0.450	0.519

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	0.614	0.679
	RMC 12.2k	Right Side	9538	1907.6	24.56	25.0	1.107	0.060	0.066
	RMC 12.2k	Top Side	9538	1907.6	24.56	25.0	1.107	0.202	0.224
3.	RMC 12.2k	Back Face	9262	1852.4	24.05	24.5	1.109	0.654	<b>0.725</b>
	RMC 12.2k	Back Face	9400	1880.0	24.40	24.5	1.023	0.631	0.646

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					
4.	RMC 12.2k	Back Face	1312	1712.4	23.46	23.5	1.009	0.783	<b>0.790</b>
	RMC 12.2k	Right Side	1312	1712.4	23.46	23.5	1.009	0.026	0.026
	RMC 12.2k	Top Side	1312	1712.4	23.46	23.5	1.009	0.186	0.188
	RMC 12.2k	Back Face	1412	1732.4	23.29	23.5	1.050	0.750	0.787
	RMC 12.2k	Back Face	1513	1752.6	23.20	23.5	1.072	0.699	0.749

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	0.327	<b>0.361</b>
	RMC 12.2k	Right Side	4233	846.6	24.07	24.5	1.104	0.091	0.100
	RMC 12.2k	Top Side	4233	846.6	24.07	24.5	1.104	0.169	0.187
	RMC 12.2k	Back Face	4132	826.4	24.05	24.5	1.109	0.288	0.319
	RMC 12.2k	Back Face	4183	836.4	24.04	24.5	1.112	0.312	0.347

LTE Band 2–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	1900	23.99	24.0	1.002	0.588	0.589	
	QPSK 20MHz 1RB	Right Side	1900	23.99	24.0	1.002	0.070	0.070	
	QPSK 20MHz 1RB	Top Side	1900	23.99	24.0	1.002	0.190	0.190	
6.	QPSK 20MHz 1RB	Back Face	1860	23.79	24.0	1.050	0.620	<b>0.651</b>	
	QPSK 20MHz 1RB	Back Face	1880	23.83	24.0	1.040	0.583	0.606	
	QPSK 20MHz 50%RB	Back Face	1900	23.99	24.0	1.002	0.493	0.494	
	QPSK 20MHz 50%RB	Right Side	1900	23.99	24.0	1.002	0.050	0.050	
	QPSK 20MHz 50%RB	Top Side	1900	23.99	24.0	1.002	0.130	0.130	
	QPSK 20MHz 50%RB	Back Face	1860	23.79	24.0	1.050	0.562	0.590	
	QPSK 20MHz 50%RB	Back Face	1880	23.83	24.0	1.040	0.523	0.544	

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					
7.	QPSK 20MHz 1RB	Back Face	1720	23.27	23.5	1.054	0.759	<b>0.800</b>
	QPSK 20MHz 1RB	Right Side	1720	23.27	23.5	1.054	0.032	0.034
	QPSK 20MHz 1RB	Top Side	1720	23.27	23.5	1.054	0.185	0.195
	QPSK 20MHz 1RB	Back Face	1732.5	22.96	23.0	1.009	0.732	0.739
	QPSK 20MHz 1RB	Back Face	1745	22.90	23.0	1.023	0.716	0.733
	QPSK 20MHz 50%RB	Back Face	1720	23.27	23.5	1.054	0.683	0.720
	QPSK 20MHz 50%RB	Right Side	1720	23.27	23.5	1.054	0.029	0.031
	QPSK 20MHz 50%RB	Top Side	1720	23.27	23.5	1.054	0.155	0.163
	QPSK 20MHz 50%RB	Back Face	1732.5	22.96	23.0	1.009	0.667	0.673
	QPSK 20MHz 50%RB	Back Face	1745	22.90	23.0	1.023	0.654	0.669

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					
	QPSK 10MHz 1RB	Back Face	829.0	23.57	24.0	1.104	0.303	0.335
	QPSK 10MHz 1RB	Right Side	829.0	23.57	24.0	1.104	0.087	0.096
	QPSK 10MHz 1RB	Top Side	829.0	23.57	24.0	1.104	0.145	0.160
	QPSK 10MHz 1RB	Back Face	836.5	23.66	24.0	1.081	0.281	0.304
8.	QPSK 10MHz 1RB	Back Face	844.0	23.60	24.0	1.096	0.318	<b>0.349</b>
	QPSK 10MHz 50%RB	Back Face	829.0	23.57	24.0	1.104	0.245	0.270
	QPSK 10MHz 50%RB	Right Side	829.0	23.57	24.0	1.104	0.066	0.073
	QPSK 10MHz 50%RB	Top Side	829.0	23.57	24.0	1.104	0.110	0.121
	QPSK 10MHz 50%RB	Back Face	836.5	23.66	24.0	1.081	0.231	0.250
	QPSK 10MHz 50%RB	Back Face	844.0	23.60	24.0	1.096	0.275	0.302

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	2560.0	22.18	22.5	1.076	1.088	1.171
	QPSK 20MHz 1RB	Right Side	2560.0	22.18	22.5	1.076	0.147	0.158
	QPSK 20MHz 1RB	Top Side	2560.0	22.18	22.5	1.076	0.538	0.579
	QPSK 20MHz 1RB	Back Face	2510.0	21.85	22.0	1.035	0.974	1.008
9.	QPSK 20MHz 1RB	Back Face	2535.0	21.75	22.0	1.059	1.117	<b>1.183</b>
	QPSK 20MHz 50%RB	Back Face	2560.0	22.18	22.5	1.076	0.985	1.060
	QPSK 20MHz 50%RB	Right Side	2560.0	22.18	22.5	1.076	0.102	0.110
	QPSK 20MHz 50%RB	Top Side	2560.0	22.18	22.5	1.076	0.453	0.488
	QPSK 20MHz 50%RB	Back Face	2510.0	21.85	22.0	1.035	0.896	0.927
	QPSK 20MHz 50%RB	Back Face	2535.0	21.75	22.0	1.059	0.998	1.057

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					
	QPSK 10MHz 1RB	Back Face	704.0	23.75	24.0	1.059	0.263	0.279
	QPSK 10MHz 1RB	Right Side	704.0	23.75	24.0	1.059	0.035	0.037
	QPSK 10MHz 1RB	Top Side	704.0	23.75	24.0	1.059	0.061	0.065
10.	QPSK 10MHz 1RB	Back Face	707.5	23.53	24.0	1.114	0.257	<b>0.286</b>
	QPSK 10MHz 1RB	Back Face	711.0	23.59	24.0	1.099	0.249	0.274
	QPSK 10MHz 50%RB	Back Face	704.0	23.75	24.0	1.059	0.213	0.226
	QPSK 10MHz 50%RB	Right Side	704.0	23.75	24.0	1.059	0.019	0.020
	QPSK 10MHz 50%RB	Top Side	704.0	23.75	24.0	1.059	0.040	0.042
	QPSK 10MHz 50%RB	Back Face	707.5	23.53	24.0	1.114	0.188	0.209
	QPSK 10MHz 50%RB	Back Face	711.0	23.59	24.0	1.099	0.176	0.193

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	710.0	23.76	24.0	1.057	0.263	0.278
	QPSK 10MHz 1RB	Right Side	710.0	23.76	24.0	1.057	0.052	0.055
	QPSK 10MHz 1RB	Top Side	710.0	23.76	24.0	1.057	0.057	0.060
11.	QPSK 10MHz 1RB	Back Face	709.0	23.47	24.0	1.130	0.264	<b>0.298</b>
	QPSK 10MHz 1RB	Back Face	711.0	23.65	24.0	1.084	0.259	0.281
	QPSK 10MHz 50%RB	Back Face	710.0	23.76	24.0	1.057	0.203	0.215
	QPSK 10MHz 50%RB	Right Side	710.0	23.76	24.0	1.057	0.041	0.043
	QPSK 10MHz 50%RB	Top Side	710.0	23.76	24.0	1.057	0.044	0.046
	QPSK 10MHz 50%RB	Back Face	709.0	23.47	24.0	1.130	0.219	0.247
	QPSK 10MHz 50%RB	Back Face	711.0	23.65	24.0	1.084	0.214	0.232

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	0.712	0.717
	QPSK 20MHz 1RB	Right Side	2580.0	24.47	24.5	1.007	0.119	0.120
	QPSK 20MHz 1RB	Top Side	2580.0	24.47	24.5	1.007	0.391	0.394
	QPSK 20MHz 1RB	Back Face	2595.0	24.38	24.5	1.028	0.724	0.744
12.	QPSK 20MHz 1RB	Back Face	2610.0	24.11	24.5	1.094	0.783	<b>0.857</b>
	QPSK 20MHz 50%RB	Back Face	2580.0	24.47	24.5	1.007	0.655	0.660
	QPSK 20MHz 50%RB	Right Side	2580.0	24.47	24.5	1.007	0.100	0.101
	QPSK 20MHz 50%RB	Top Side	2580.0	24.47	24.5	1.007	0.316	0.318
	QPSK 20MHz 50%RB	Back Face	2595.0	24.38	24.5	1.028	0.667	0.686
	QPSK 20MHz 50%RB	Back Face	2610.0	24.11	24.5	1.094	0.705	0.771



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	2310.0	23.59	24.0	1.099	0.244	<b>0.268</b>
	QPSK 10MHz 1RB	Right Side	2310.0	23.59	24.0	1.099	0.032	0.035
	QPSK 10MHz 1RB	Top Side	2310.0	23.59	24.0	1.099	0.091	0.100
	QPSK 10MHz 50%RB	Back Face	2310.0	23.59	24.0	1.099	0.193	0.212
	QPSK 10MHz 50%RB	Right Side	2310.0	23.59	24.0	1.099	0.025	0.027
	QPSK 10MHz 50%RB	Top Side	2310.0	23.59	24.0	1.099	0.074	0.081

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	2355.0	23.02	23.5	1.117	0.244	<b>0.273</b>
	QPSK 10MHz 1RB	Right Side	2355.0	23.02	23.5	1.117	0.037	0.041
	QPSK 10MHz 1RB	Top Side	2355.0	23.02	23.5	1.117	0.109	0.122
	QPSK 10MHz 50%RB	Back Face	2355.0	23.02	23.5	1.117	0.203	0.227
	QPSK 10MHz 50%RB	Right Side	2355.0	23.02	23.5	1.117	0.026	0.029
	QPSK 10MHz 50%RB	Top Side	2355.0	23.02	23.5	1.117	0.100	0.112

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					
15.	QPSK 20MHz 1RB	Back Face	1720.0	23.59	24.0	1.099	0.757	<b>0.832</b>
	QPSK 20MHz 1RB	Right Side	1720.0	23.59	24.0	1.099	0.031	0.034
	QPSK 20MHz 1RB	Top Side	1720.0	23.59	24.0	1.099	0.175	0.192
	QPSK 20MHz 1RB	Back Face	1745.0	23.57	24.0	1.104	0.719	0.794
	QPSK 20MHz 1RB	Back Face	1770.0	23.37	24.0	1.156	0.718	0.830
	QPSK 20MHz 50%RB	Back Face	1720.0	23.59	24.0	1.099	0.653	0.718
	QPSK 20MHz 50%RB	Right Side	1720.0	23.59	24.0	1.099	0.024	0.026
	QPSK 20MHz 50%RB	Top Side	1720.0	23.59	24.0	1.099	0.132	0.145
	QPSK 20MHz 50%RB	Back Face	1745.0	23.57	24.0	1.104	0.634	0.700
	QPSK 20MHz 50%RB	Back Face	1770.0	23.37	24.0	1.156	0.622	0.719

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					
	802.11b	Back Face	1	2412	15.58	16.0	1.102	0.213	0.235
	802.11b	Left Side	1	2412	15.58	16.0	1.102	0.095	0.105
	802.11b	Bottom Side	1	2412	15.58	16.0	1.102	0.101	0.111
16.	802.11b	Back Face	6	2437	15.38	15.5	1.028	0.326	<b>0.335</b>
	802.11b	Back Face	11	2462	14.49	14.5	1.002	0.215	0.215

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					
	GFSK	Back Face	0	2402	7.77	8.0	1.054	0.077	0.081
	GFSK	Left Side	0	2402	7.77	8.0	1.054	0.034	0.036
	GFSK	Bottom Side	0	2402	7.77	8.0	1.054	0.031	0.033
	GFSK	Back Face	39	2441	7.77	8.0	1.054	0.090	0.095
17.	GFSK	Back Face	78	2480	7.77	8.0	1.054	0.095	<b>0.100</b>

**Repeated SAR**

LTE Band 7–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	2560.0	1.088	1.071	/	1.016	/
QPSK 20MHz 1RB	Back Face	2510.0	0.974	0.966	/	1.008	/
QPSK 20MHz 1RB	Back Face	2535.0	1.117	1.105	/	1.011	/
QPSK 20MHz 50%RB	Back Face	2560.	0.985	0.971	/	1.014	/
QPSK 20MHz 50%RB	Back Face	2510.0	0.896	0.882	/	1.016	/
QPSK 20MHz 50%RB	Back Face	2535.0	0.998	0.985	/	1.013	/

**Remark:**

- 1) Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position  $\leq 0.8$  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  $\geq 0.80$  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  $\geq 1.45$  W/kg (~ 10% from the 1-g SAR limit).
- 5) Perform a third repeated measurement only if the original, first or second repeated measurement is  $\geq 1.5$  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  $\leq 50$  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
-34.0	0.0004	5/10	0.01356	7.5	0.000001

Position	WWAN		WLAN(2.4GHz)	Summed SAR (W/kg)
	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	<b>0.794</b>	<b>0.335</b>	1.129
Right side	GSM	0.251	--	0.251
Left side	GSM	--	0.105	0.105
Top side	GSM	0.397	--	0.397
Bottom side	GSM	--	0.111	0.111
Back	WCDMA	<b>0.790</b>	<b>0.335</b>	1.125
Right side	WCDMA	0.100	--	0.100
Left side	WCDMA	--	0.105	0.105
Top side	WCDMA	0.224	--	0.224
Bottom side	WCDMA	--	0.111	0.111
Back	LTE	<b>1.183</b>	<b>0.335</b>	<b>1.518</b>
Right side	LTE	0.158	--	0.158
Left side	LTE	--	0.105	0.105
Top side	LTE	0.579	--	0.579
Bottom side	LTE	--	0.111	0.111

Position	WWAN		Bluetooth	Summed SAR (W/kg)
	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	<b>0.794</b>	<b>0.100</b>	0.894
Right side	GSM	0.251	--	0.251
Left side	GSM	--	0.036	0.036
Top side	GSM	0.397	--	0.397
Bottom side	GSM	--	0.033	0.033
Back	WCDMA	<b>0.790</b>	<b>0.100</b>	0.890
Right side	WCDMA	0.100	--	0.100
Left side	WCDMA	--	0.036	0.036
Top side	WCDMA	0.224	--	0.224
Bottom side	WCDMA	--	0.033	0.033
Back	LTE	<b>1.183</b>	<b>0.100</b>	<b>1.283</b>
Right side	LTE	0.158	--	0.158
Left side	LTE	--	0.036	0.036
Top side	LTE	0.579	--	0.579
Bottom side	LTE	--	0.033	0.033

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
<b>Measurement System</b>									
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	
<b>Test Sample Related</b>									
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	
<b>Phantom and Tissue Parameters</b>									
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: 2022-10-27

Measurement duration: 7 minutes 21 seconds

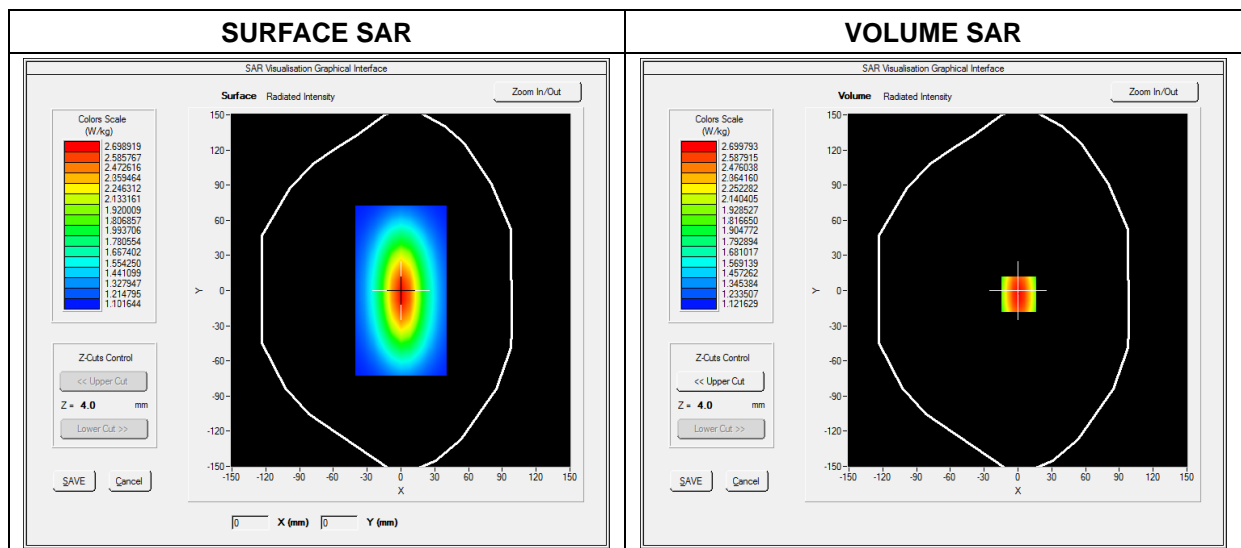
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.76; Calibrated: 2022-07-08

### A. Experimental conditions

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

### B. SAR Measurement Results

<b>Frequency (MHz)</b>	750.000000
<b>Relative Permittivity (real part)</b>	54.961057
<b>Conductivity (S/m)</b>	0.942583
<b>Power Variation (%)</b>	0.383631
<b>Ambient Temperature</b>	22.8
<b>Liquid Temperature</b>	22.8



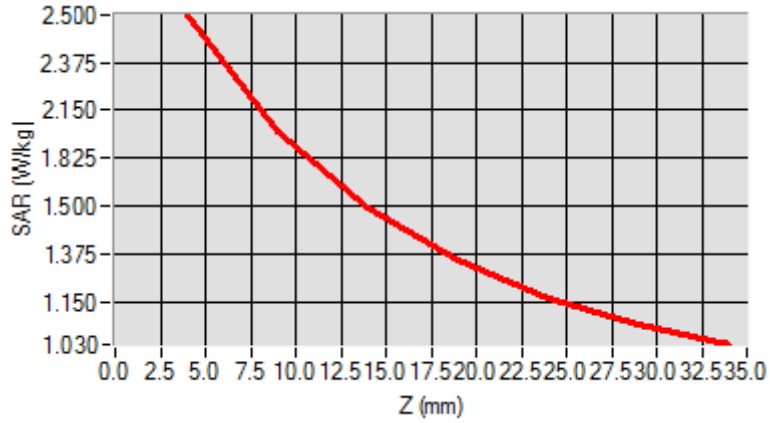


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.042744
SAR 1g (W/Kg)	2.180534

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: 2022-10-27

Measurement duration: 7 minutes 21 seconds

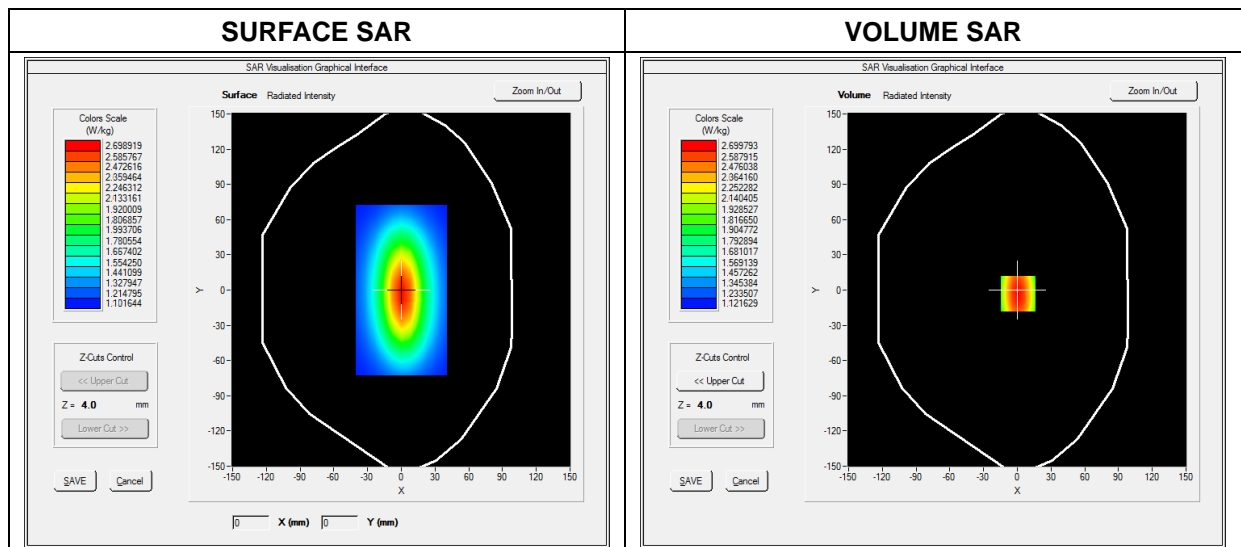
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.78; Calibrated: 2022-07-08

## A. Experimental conditions

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

## B. SAR Measurement Results

<b>Frequency (MHz)</b>	835.000000
<b>Relative Permittivity (real part)</b>	54.852456
<b>Conductivity (S/m)</b>	0.952459
<b>Power Variation (%)</b>	0.428437
<b>Ambient Temperature</b>	22.8
<b>Liquid Temperature</b>	22.8

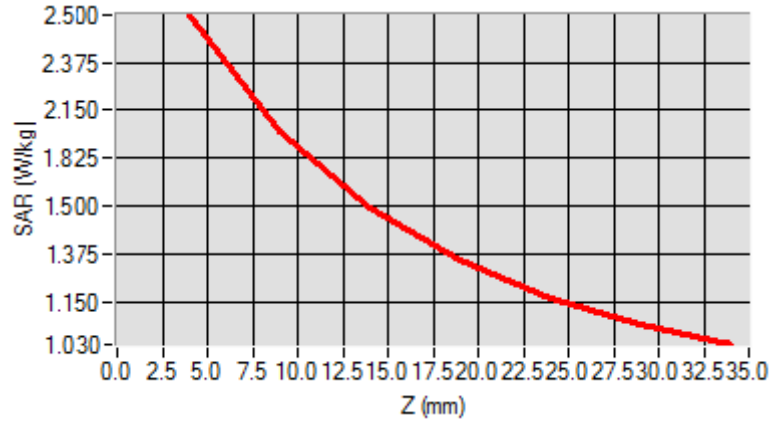


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.519489
SAR 1g (W/Kg)	2.511253

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: 2022-10-28

Measurement duration: 12 minutes 21 seconds

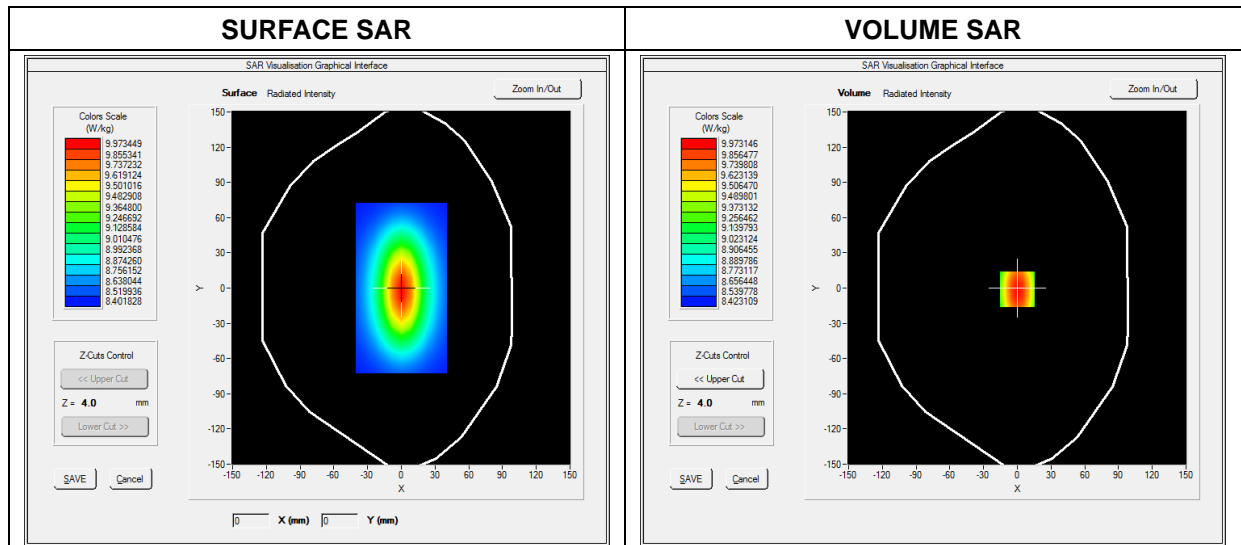
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2022-07-08

## A. Experimental conditions

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

## B. SAR Measurement Results

<b>Frequency (MHz)</b>	1800.000000
<b>Relative Permittivity (real part)</b>	54.512090
<b>Conductivity (S/m)</b>	1.512109
<b>Power Variation (%)</b>	1.041232
<b>Ambient Temperature</b>	22.8
<b>Liquid Temperature</b>	22.8

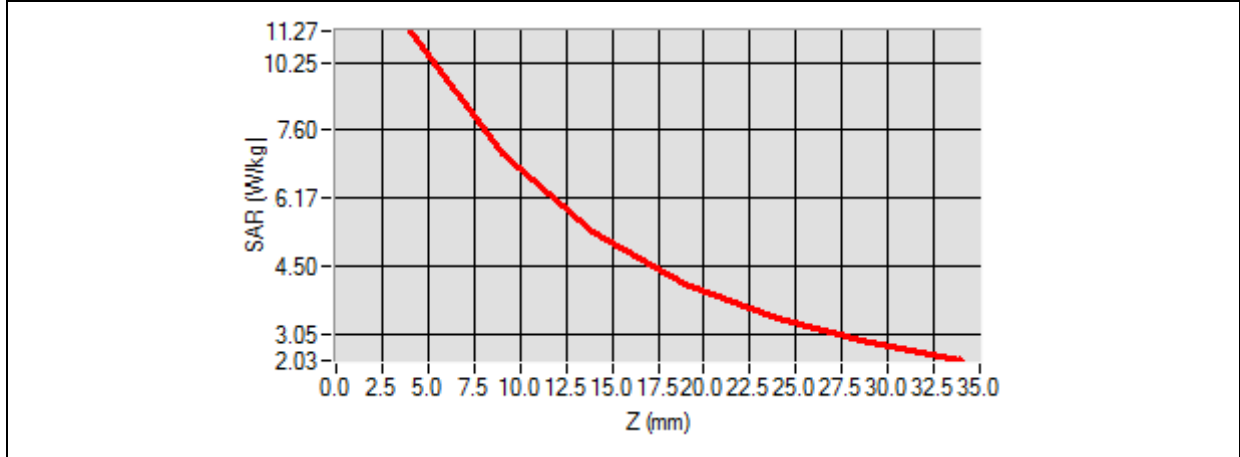


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.081252
SAR 1g (W/Kg)	9.461217

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

# MEASUREMENT 4

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2022-10-28

Measurement duration: 12 minutes 21 seconds

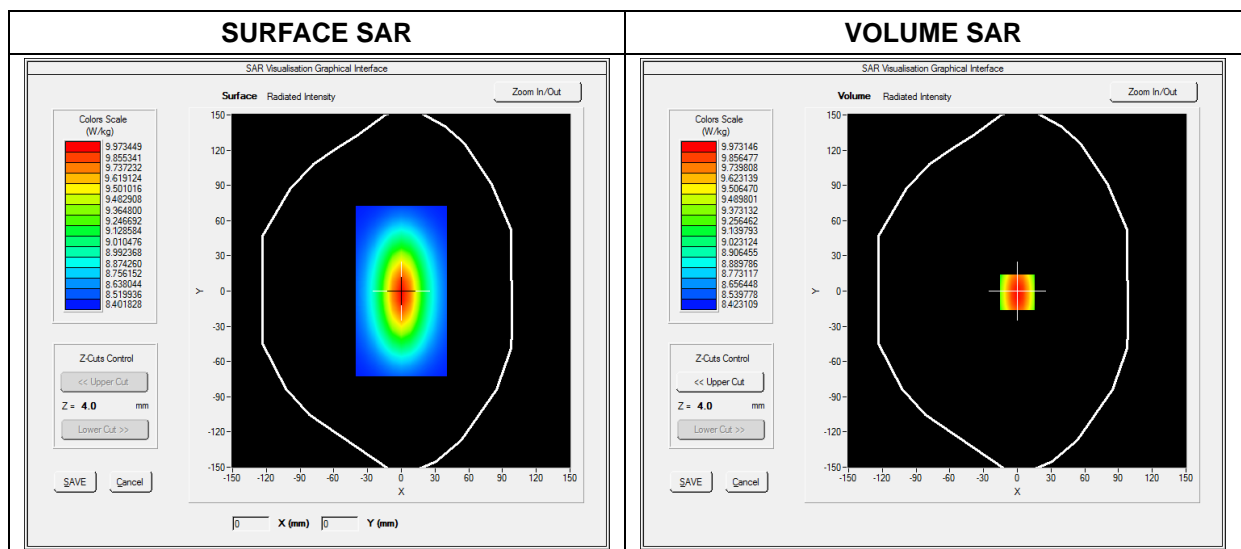
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.30; Calibrated: 2022-07-08

## A. Experimental conditions

<b>Area Scan</b>	dx=8mm dy=8mm
<b>Zoom Scan</b>	dx=5mm dy=5mm dz=4mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Dipole
<b>Band</b>	CW1900
<b>Signal</b>	Duty Cycle 1:1

## B. SAR Measurement Results

<b>Frequency (MHz)</b>	1900.000000
<b>Relative Permittivity (real part)</b>	54.421724
<b>Conductivity (S/m)</b>	1.533072
<b>Power Variation (%)</b>	1.225401
<b>Ambient Temperature</b>	22.8
<b>Liquid Temperature</b>	22.8

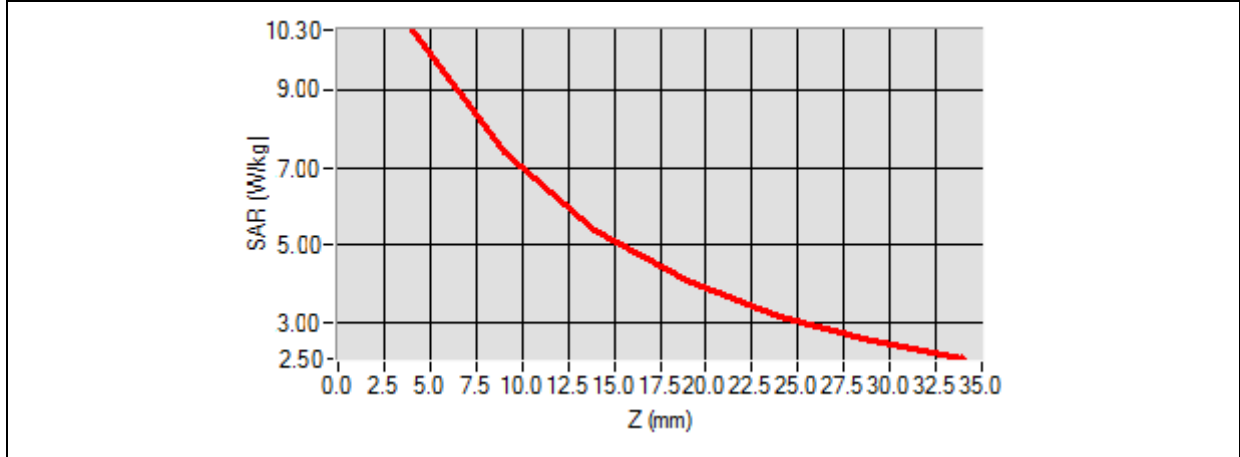


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.174526
SAR 1g (W/Kg)	9.913214

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.2354	6.8400	5.0121	4.1189	3.0522	2.8424



3D screen shot	Hot spot position

# MEASUREMENT 5

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2022-10-31

Measurement duration: 12 minutes 21 seconds

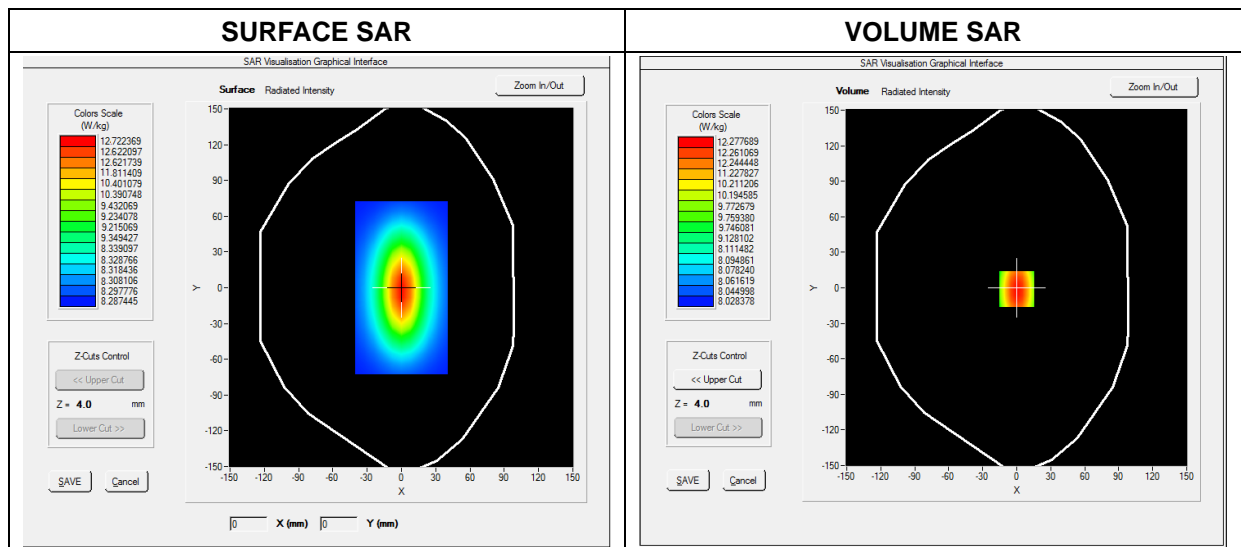
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.60; Calibrated: 2022-07-08

## A. Experimental conditions

<b>Area Scan</b>	dx=8mm dy=8mm
<b>Zoom Scan</b>	dx=5mm dy=5mm dz=4mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Dipole
<b>Band</b>	CW2300
<b>Signal</b>	Duty Cycle 1:1

## B. SAR Measurement Results

<b>Frequency (MHz)</b>	2300.000000
<b>Relative Permittivity (real part)</b>	51.982182
<b>Conductivity (S/m)</b>	1.792595
<b>Power Variation (%)</b>	1.009745
<b>Ambient Temperature</b>	22.5
<b>Liquid Temperature</b>	22.5



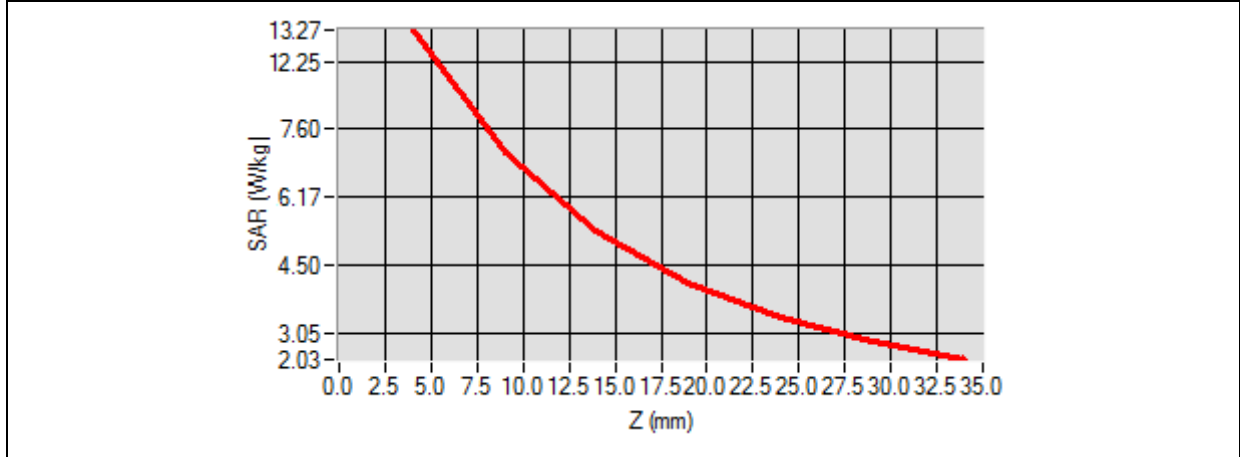


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.114210
SAR 1g (W/Kg)	12.505243

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1891	11.7779	9.2852	8.5315	6.3698	4.6231



3D screen shot	Hot spot position

# MEASUREMENT 6

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2022-10-31

Measurement duration: 12 minutes 21 seconds

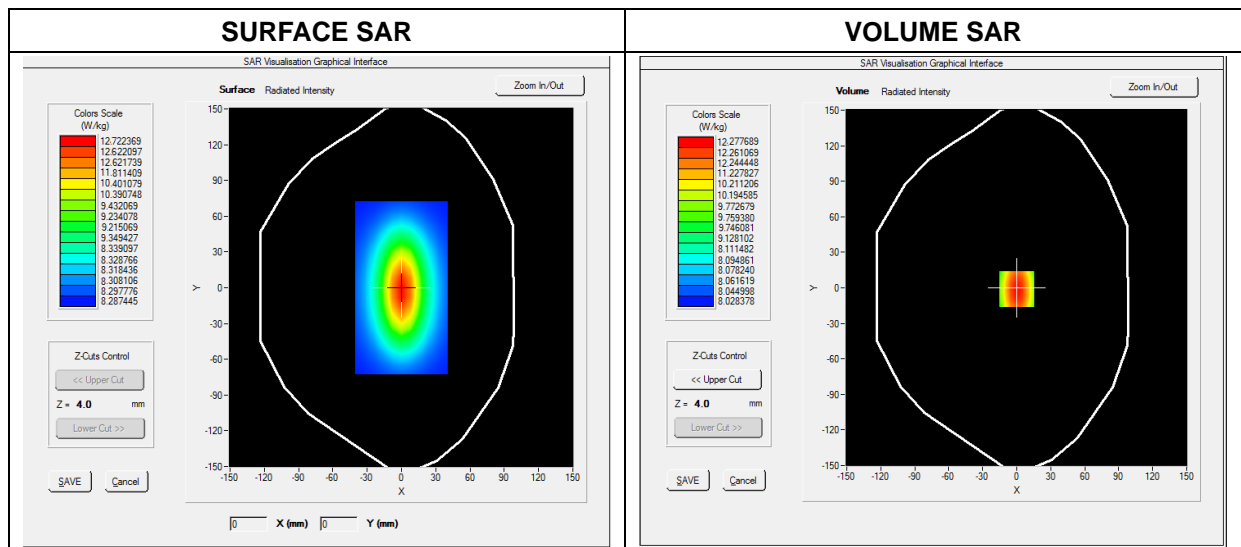
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.60; Calibrated: 2022-07-08

## A. Experimental conditions

<b>Area Scan</b>	dx=8mm dy=8mm
<b>Zoom Scan</b>	dx=5mm dy=5mm dz=4mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Dipole
<b>Band</b>	CW2450
<b>Signal</b>	Duty Cycle 1:1

## B. SAR Measurement Results

<b>Frequency (MHz)</b>	2450.000000
<b>Relative Permittivity (real part)</b>	52.981278
<b>Conductivity (S/m)</b>	1.932575
<b>Power Variation (%)</b>	1.369745
<b>Ambient Temperature</b>	22.5
<b>Liquid Temperature</b>	22.5

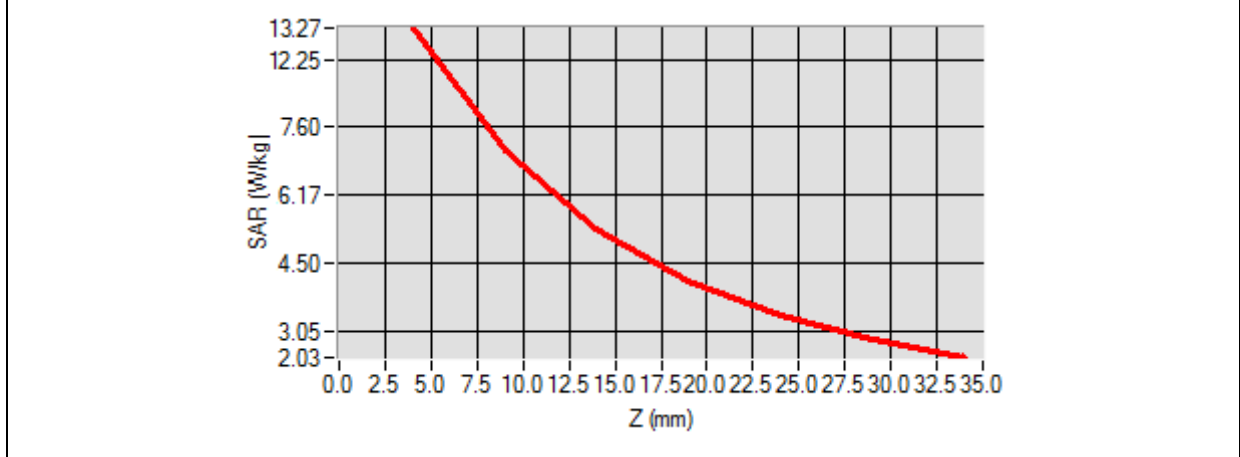


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.119522
SAR 1g (W/Kg)	12.592360

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1911	11.7951	9.2945	8.5400	6.3712	4.6225



3D screen shot	Hot spot position