



FCC SAR Test Report

Report No. : FA391308

	FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 6/7	462000	2310	1	15.99	17.50	1.416	0.17	0.253	0.358
	FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 6/7	462000	2310	1	15.99	17.50	1.416	0.11	0.165	0.234
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 6/7	462000	2310	1	15.99	17.50	1.416	0.07	0.113	0.160
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 6/7	462000	2310	1	15.99	17.50	1.416	-0.08	0.150	0.212
	FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 7	State 6/7	462000	2310	1	15.90	17.50	1.445	0.16	0.256	0.370
	FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 7	State 6/7	462000	2310	1	15.90	17.50	1.445	0.18	0.162	0.234
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 7	State 6/7	462000	2310	1	15.90	17.50	1.445	-0.03	0.107	0.155
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 7	State 6/7	462000	2310	1	15.90	17.50	1.445	0.03	0.151	0.218
2600MHz																			
	LTE Band 7	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 6/7	21100	2535	1	20.98	22.00	1.265	0.15	0.051	0.064
	LTE Band 7	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 6/7	21100	2535	1	20.98	22.00	1.265	0.19	0.029	0.037
	LTE Band 7	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 6/7	21100	2535	1	20.98	22.00	1.265	0.16	0.084	0.106
	LTE Band 7	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 6/7	21100	2535	1	20.98	22.00	1.265	0.11	0.024	0.031
	LTE Band 7	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 6/7	21100	2535	1	19.99	21.00	1.262	-0.09	0.039	0.049
	LTE Band 7	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 6/7	21100	2535	1	19.99	21.00	1.262	0.12	0.022	0.028
	LTE Band 7	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 6/7	21100	2535	1	19.99	21.00	1.262	-0.14	0.071	0.090
	LTE Band 7	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 6/7	21100	2535	1	19.99	21.00	1.262	-0.14	0.019	0.024
	LTE Band 7	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 6/7	21100	2535	1	13.59	14.50	1.233	-0.17	0.299	0.369
	LTE Band 7	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 6/7	21100	2535	1	13.59	14.50	1.233	0.14	0.069	0.085
	LTE Band 7	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 6/7	21100	2535	1	13.59	14.50	1.233	-0.06	0.120	0.148
	LTE Band 7	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 6/7	21100	2535	1	13.59	14.50	1.233	0	0.028	0.034
	LTE Band 7	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 6/7	21100	2535	1	12.59	13.50	1.233	-0.1	0.248	0.306
	LTE Band 7	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 6/7	21100	2535	1	12.59	13.50	1.233	0.16	0.056	0.069
	LTE Band 7	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 6/7	21100	2535	1	12.59	13.50	1.233	0.09	0.091	0.112
	LTE Band 7	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 6/7	21100	2535	1	12.59	13.50	1.233	0.05	0.028	0.035
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.03	0.056	0.077
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.08	0.043	0.058
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	20.65	22.00	1.365	-0.01	0.083	0.114
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	20.65	22.00	1.365	-0.1	0.027	0.036
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	20.53	22.00	1.403	0.13	0.054	0.076
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.03	0.037	0.052
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.11	0.075	0.105
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.14	0.022	0.030
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 2	State 6/7	518598	2592.99	1	13.35	14.50	1.303	0.02	0.292	0.381
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 2	State 6/7	518598	2592.99	1	13.35	14.50	1.303	0.01	0.074	0.096
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 2	State 6/7	518598	2592.99	1	13.35	14.50	1.303	-0.17	0.151	0.197
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 2	State 6/7	518598	2592.99	1	13.35	14.50	1.303	0.17	0.033	0.043
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 2	State 6/7	518598	2592.99	1	13.24	14.50	1.337	0.06	0.242	0.323
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 2	State 6/7	518598	2592.99	1	13.24	14.50	1.337	0.17	0.056	0.075
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 2	State 6/7	518598	2592.99	1	13.24	14.50	1.337	-0.1	0.105	0.140
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 2	State 6/7	518598	2592.99	1	13.24	14.50	1.337	-0.15	0.030	0.040
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.11	0.083	0.114
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	518598	2592.99	1	20.65	22.00	1.365	-0.02	0.047	0.064
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.07	0.120	0.163
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.17	0.037	0.051
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.08	0.064	0.089
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.03	0.044	0.062
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	518598	2592.99	1	20.53	22.00	1.403	0	0.118	0.165
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	518598	2592.99	1	20.53	22.00	1.403	0.05	0.034	0.048
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	518598	2592.99	1	20.65	22.00	1.365	-0.04	0.022	0.030
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.13	0.012	0.017
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	518598	2592.99	1	20.65	22.00	1.365	0.08	0.036	0.049
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	518598	2592.99	1	20.65	22.00	1.365	-0.18	0.007	0.010
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	518598	2592.99	1	20.53	22.00	1.403	0.06	0.020	0.027
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	518598	2592.99	1	20.53	22.00	1.403	0.12	0.014	0.019
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.17	0.036	0.050



FCC SAR Test Report

Report No. : FA391308

	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	518598	2592.99	1	20.53	22.00	1.403	-0.04	0.007	0.010
3500MHz-3900MHz																			
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	656000	3840	1	21.20	22.00	1.202	0.19	0.126	0.152
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	656000	3840	1	21.20	22.00	1.202	0.04	0.062	0.075
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.08	0.232	0.279
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.02	0.048	0.058
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	656000	3840	1	20.98	22.00	1.265	0.03	0.113	0.143
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	656000	3840	1	20.98	22.00	1.265	0.09	0.059	0.075
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	656000	3840	1	20.98	22.00	1.265	0.05	0.219	0.276
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	656000	3840	1	20.98	22.00	1.265	-0.08	0.048	0.061
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.06	0.126	0.168
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	633332	3499.98	1	20.76	22.00	1.330	-0.18	0.088	0.118
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.08	0.208	0.277
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.12	0.062	0.082
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.04	0.109	0.152
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 6/7	633332	3499.98	1	20.58	22.00	1.387	0.06	0.084	0.117
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.17	0.190	0.264
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 6/7	633332	3499.98	1	20.58	22.00	1.387	0.12	0.051	0.070
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.1	0.030	0.036
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.13	0.013	0.016
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.11	0.038	0.046
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.14	0.010	0.012
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	656000	3840	1	20.98	22.00	1.265	0.15	0.031	0.039
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	656000	3840	1	20.98	22.00	1.265	0.04	0.012	0.015
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	656000	3840	1	20.98	22.00	1.265	-0.15	0.035	0.044
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	656000	3840	1	20.98	22.00	1.265	0.15	0.009	0.012
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.02	0.040	0.053
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.12	0.014	0.019
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.09	0.054	0.072
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.19	0.011	0.014
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.11	0.040	0.055
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	20.58	22.00	1.387	0.03	0.012	0.017
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.18	0.049	0.068
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.14	0.010	0.014
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 6/7	656000	3840	1	17.36	18.00	1.159	0.11	0.146	0.169
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6/7	656000	3840	1	17.36	18.00	1.159	-0.02	0.180	0.209
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 6/7	656000	3840	1	17.36	18.00	1.159	-0.12	0.076	0.088
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 6/7	656000	3840	1	17.36	18.00	1.159	0.16	0.087	0.101
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 6/7	656000	3840	1	17.09	18.00	1.233	0.08	0.084	0.104
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 6/7	656000	3840	1	17.09	18.00	1.233	0.08	0.128	0.158
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 6/7	656000	3840	1	17.09	18.00	1.233	0.19	0.046	0.057
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 6/7	656000	3840	1	17.09	18.00	1.233	-0.11	0.055	0.068
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 6/7	633332	3499.98	1	16.83	18.00	1.309	-0.06	0.289	0.378
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6/7	633332	3499.98	1	16.83	18.00	1.309	-0.04	0.290	0.380
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 6/7	633332	3499.98	1	16.83	18.00	1.309	0.12	0.124	0.162
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 6/7	633332	3499.98	1	16.83	18.00	1.309	-0.19	0.154	0.202
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 6/7	633332	3499.98	1	16.69	18.00	1.352	0.09	0.248	0.335
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 6/7	633332	3499.98	1	16.69	18.00	1.352	0.18	0.273	0.369
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 6/7	633332	3499.98	1	16.69	18.00	1.352	0.02	0.124	0.168
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 6/7	633332	3499.98	1	16.69	18.00	1.352	-0.06	0.128	0.173
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	656000	3840	1	21.20	22.00	1.202	0.08	0.022	0.027
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.14	0.013	0.016
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.09	0.041	0.049
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	656000	3840	1	21.20	22.00	1.202	-0.01	0.011	0.013
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	656000	3840	1	20.98	22.00	1.265	0.13	0.019	0.024
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	656000	3840	1	20.98	22.00	1.265	0.05	0.012	0.015



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	656000	3840	1	20.98	22.00	1.265	0.04	0.036	0.046
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	656000	3840	1	20.98	22.00	1.265	0	0.010	0.012
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	20.76	22.00	1.330	0.08	0.018	0.023
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	20.76	22.00	1.330	-0.06	0.012	0.016
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	20.76	22.00	1.330	-0.12	0.035	0.047
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	20.76	22.00	1.330	-0.14	0.010	0.013
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.11	0.016	0.023
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	20.58	22.00	1.387	0.14	0.012	0.017
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	20.58	22.00	1.387	0	0.031	0.043
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	20.58	22.00	1.387	-0.17	0.007	0.010

<ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 12	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 0	State 6/7	23095	707.5	1	24.43	26.00	1.435	-0.05	0.081	0.116
	LTE Band 12	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 0	State 6/7	23095	707.5	1	24.43	26.00	1.435	0.03	0.043	0.062
	LTE Band 12	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 0	State 6/7	23095	707.5	1	24.43	26.00	1.435	0.07	0.055	0.079
	LTE Band 12	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 0	State 6/7	23095	707.5	1	24.43	26.00	1.435	0.1	0.038	0.055
	LTE Band 12	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 0	State 6/7	23095	707.5	1	23.48	25.00	1.419	0.08	0.064	0.091
	LTE Band 12	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 0	State 6/7	23095	707.5	1	23.48	25.00	1.419	0.06	0.033	0.047
	LTE Band 12	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 0	State 6/7	23095	707.5	1	23.48	25.00	1.419	-0.07	0.045	0.064
	LTE Band 12	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 0	State 6/7	23095	707.5	1	23.48	25.00	1.419	-0.1	0.029	0.041
	LTE Band 12	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 6	23095	707.5	1	22.68	24.00	1.355	0.02	0.527	0.714
	LTE Band 12	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 6	23095	707.5	1	22.68	24.00	1.355	0.13	0.167	0.226
	LTE Band 12	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 6	23095	707.5	1	22.68	24.00	1.355	0.12	0.200	0.271
	LTE Band 12	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 6	23095	707.5	1	22.68	24.00	1.355	0.11	0.106	0.144
	LTE Band 12	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 6	23095	707.5	1	21.58	23.00	1.387	0.12	0.446	0.618
	LTE Band 12	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 6	23095	707.5	1	21.58	23.00	1.387	-0.04	0.136	0.189
	LTE Band 12	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 6	23095	707.5	1	21.58	23.00	1.387	-0.05	0.162	0.225
	LTE Band 12	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 6	23095	707.5	1	21.58	23.00	1.387	0.09	0.086	0.119
	LTE Band 12	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 7	23095	707.5	1	18.48	20.00	1.419	-0.05	0.203	0.288
	LTE Band 12	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 7	23095	707.5	1	18.48	20.00	1.419	-0.14	0.065	0.092
	LTE Band 12	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 7	23095	707.5	1	18.48	20.00	1.419	-0.06	0.081	0.115
	LTE Band 12	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 7	23095	707.5	1	18.48	20.00	1.419	-0.07	0.042	0.060
	LTE Band 12	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 7	23095	707.5	1	17.50	19.00	1.413	0.03	0.184	0.260
	LTE Band 12	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 7	23095	707.5	1	17.50	19.00	1.413	0.12	0.052	0.073
	LTE Band 12	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 7	23095	707.5	1	17.50	19.00	1.413	-0.04	0.065	0.092
	LTE Band 12	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 7	23095	707.5	1	17.50	19.00	1.413	0.1	0.034	0.048
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	136100	680.5	1	24.63	26.00	1.371	-0.08	0.122	0.167
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	136100	680.5	1	24.63	26.00	1.371	0.13	0.060	0.082
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	136100	680.5	1	24.63	26.00	1.371	-0.09	0.070	0.096
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	136100	680.5	1	24.63	26.00	1.371	-0.02	0.045	0.062
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	136100	680.5	1	24.54	26.00	1.400	0.03	0.099	0.139
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	136100	680.5	1	24.54	26.00	1.400	0.07	0.049	0.069
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	136100	680.5	1	24.54	26.00	1.400	0.03	0.057	0.080
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	136100	680.5	1	24.54	26.00	1.400	0.11	0.039	0.055
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	136100	680.5	1	24.63	26.00	1.371	-0.09	0.357	0.489
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	136100	680.5	1	24.63	26.00	1.371	0.03	0.150	0.206
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	136100	680.5	1	24.63	26.00	1.371	-0.04	0.158	0.217
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	136100	680.5	1	24.63	26.00	1.371	-0.05	0.090	0.123
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 2	State 6	136100	680.5	1	24.54	26.00	1.400	-0.1	0.346	0.484
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 2	State 6	136100	680.5	1	24.54	26.00	1.400	-0.1	0.131	0.183
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 2	State 6	136100	680.5	1	24.54	26.00	1.400	0.02	0.135	0.189
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 2	State 6	136100	680.5	1	24.54	26.00	1.400	0.05	0.076	0.106
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	136100	680.5	1	23.65	25.00	1.365	0.12	0.284	0.388



FCC SAR Test Report

Report No. : FA391308

	FR1 n71	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	136100	680.5	1	23.65	25.00	1.365	-0.16	0.119	0.162
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	136100	680.5	1	23.65	25.00	1.365	0.18	0.126	0.172
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	136100	680.5	1	23.65	25.00	1.365	-0.16	0.071	0.097
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 2	State 7	136100	680.5	1	23.63	25.00	1.371	0.04	0.275	0.377
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 2	State 7	136100	680.5	1	23.63	25.00	1.371	-0.14	0.104	0.143
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 2	State 7	136100	680.5	1	23.63	25.00	1.371	0.08	0.107	0.147
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 2	State 7	136100	680.5	1	23.63	25.00	1.371	0.02	0.060	0.082
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	141500	707.5	1	24.56	26.00	1.393	-0.11	0.070	0.098
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	141500	707.5	1	24.56	26.00	1.393	0.09	0.041	0.057
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	141500	707.5	1	24.56	26.00	1.393	0.02	0.044	0.061
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	141500	707.5	1	24.56	26.00	1.393	-0.05	0.024	0.033
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	141500	707.5	1	24.52	26.00	1.406	0.09	0.092	0.129
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	141500	707.5	1	24.52	26.00	1.406	0.13	0.049	0.069
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	141500	707.5	1	24.52	26.00	1.406	0.1	0.055	0.077
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	141500	707.5	1	24.52	26.00	1.406	-0.02	0.033	0.046
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	141500	707.5	1	23.08	24.50	1.387	0.17	0.508	0.704
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	141500	707.5	1	23.08	24.50	1.387	0.15	0.159	0.220
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	141500	707.5	1	23.08	24.50	1.387	-0.15	0.212	0.294
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	141500	707.5	1	23.08	24.50	1.387	0	0.110	0.153
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Cheek	0mm	Ant 2	State 6	141500	707.5	1	23.05	24.50	1.396	0.07	0.561	0.783
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Tilted	0mm	Ant 2	State 6	141500	707.5	1	23.05	24.50	1.396	0.04	0.188	0.263
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Cheek	0mm	Ant 2	State 6	141500	707.5	1	23.05	24.50	1.396	0.06	0.236	0.330
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Tilted	0mm	Ant 2	State 6	141500	707.5	1	23.05	24.50	1.396	0.09	0.122	0.170
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	141500	707.5	1	19.59	21.00	1.384	0.06	0.236	0.327
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	141500	707.5	1	19.59	21.00	1.384	-0.13	0.080	0.111
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	141500	707.5	1	19.59	21.00	1.384	0.16	0.094	0.130
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	141500	707.5	1	19.59	21.00	1.384	0.02	0.050	0.069
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Cheek	0mm	Ant 2	State 7	141500	707.5	1	19.57	21.00	1.390	0.12	0.256	0.356
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Tilted	0mm	Ant 2	State 7	141500	707.5	1	19.57	21.00	1.390	-0.08	0.086	0.120
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Cheek	0mm	Ant 2	State 7	141500	707.5	1	19.57	21.00	1.390	-0.11	0.102	0.142
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Tilted	0mm	Ant 2	State 7	141500	707.5	1	19.57	21.00	1.390	0.07	0.054	0.075
835MHz																			
	LTE Band 5	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 0	State 6/7	20525	836.5	1	24.31	26.00	1.476	0.03	0.085	0.125
	LTE Band 5	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 0	State 6/7	20525	836.5	1	24.31	26.00	1.476	-0.07	0.025	0.037
	LTE Band 5	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 0	State 6/7	20525	836.5	1	24.31	26.00	1.476	0.01	0.049	0.072
	LTE Band 5	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 0	State 6/7	20525	836.5	1	24.31	26.00	1.476	-0.02	0.015	0.022
	LTE Band 5	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 0	State 6/7	20525	836.5	1	23.32	25.00	1.472	-0.02	0.068	0.100
	LTE Band 5	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 0	State 6/7	20525	836.5	1	23.32	25.00	1.472	0.05	0.020	0.029
	LTE Band 5	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 0	State 6/7	20525	836.5	1	23.32	25.00	1.472	-0.01	0.035	0.052
	LTE Band 5	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 0	State 6/7	20525	836.5	1	23.32	25.00	1.472	0.07	0.011	0.016
	LTE Band 5	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 6	26865	831.5	1	20.97	22.50	1.422	-0.16	0.483	0.687
	LTE Band 5	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 6	26865	831.5	1	20.97	22.50	1.422	-0.18	0.166	0.236
	LTE Band 5	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 6	26865	831.5	1	20.97	22.50	1.422	-0.16	0.188	0.267
	LTE Band 5	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 6	26865	831.5	1	20.97	22.50	1.422	0.11	0.094	0.134
	LTE Band 5	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 6	26865	831.5	1	20.02	21.50	1.406	0.17	0.418	0.588
	LTE Band 5	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 6	26865	831.5	1	20.02	21.50	1.406	-0.06	0.136	0.191
	LTE Band 5	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 6	26865	831.5	1	20.02	21.50	1.406	0.02	0.152	0.214
	LTE Band 5	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 6	26865	831.5	1	20.02	21.50	1.406	0.12	0.076	0.107
	LTE Band 5	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 7	26865	831.5	1	16.89	18.50	1.449	0.04	0.192	0.278
	LTE Band 5	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 7	26865	831.5	1	16.89	18.50	1.449	-0.02	0.066	0.096
	LTE Band 5	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 7	26865	831.5	1	16.89	18.50	1.449	-0.13	0.075	0.109
	LTE Band 5	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 7	26865	831.5	1	16.89	18.50	1.449	-0.1	0.038	0.055
	LTE Band 5	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 7	26865	831.5	1	15.88	17.50	1.452	-0.14	0.166	0.241
	LTE Band 5	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 7	26865	831.5	1	15.88	17.50	1.452	-0.14	0.054	0.078
	LTE Band 5	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 7	26865	831.5	1	15.88	17.50	1.452	0.14	0.060	0.087
	LTE Band 5	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 7	26865	831.5	1	15.88	17.50	1.452	0.06	0.030	0.044



FCC SAR Test Report

Report No. : FA391308

FR1 n5	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	167300	836.5	1	24.66	26.00	1.361	0.04	0.196	0.267
FR1 n5	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	167300	836.5	1	24.66	26.00	1.361	0.05	0.101	0.138
FR1 n5	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	167300	836.5	1	24.66	26.00	1.361	-0.13	0.107	0.146
FR1 n5	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	167300	836.5	1	24.66	26.00	1.361	0.07	0.077	0.105
FR1 n5	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 0	State 6/7	167300	836.5	1	24.62	26.00	1.374	-0.02	0.220	0.302
FR1 n5	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 0	State 6/7	167300	836.5	1	24.62	26.00	1.374	0.06	0.118	0.162
FR1 n5	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 0	State 6/7	167300	836.5	1	24.62	26.00	1.374	-0.05	0.121	0.166
FR1 n5	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 0	State 6/7	167300	836.5	1	24.62	26.00	1.374	-0.1	0.090	0.124
FR1 n5	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	167300	836.5	1	21.70	23.00	1.349	0.04	0.553	0.746
FR1 n5	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	167300	836.5	1	21.70	23.00	1.349	0.08	0.186	0.251
FR1 n5	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	167300	836.5	1	21.70	23.00	1.349	-0.06	0.205	0.277
FR1 n5	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	167300	836.5	1	21.70	23.00	1.349	-0.11	0.105	0.142
FR1 n5	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 2	State 6	167300	836.5	1	21.68	23.00	1.355	0.07	0.559	0.758
FR1 n5	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 2	State 6	167300	836.5	1	21.68	23.00	1.355	-0.08	0.190	0.257
FR1 n5	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 2	State 6	167300	836.5	1	21.68	23.00	1.355	-0.12	0.217	0.294
FR1 n5	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 2	State 6	167300	836.5	1	21.68	23.00	1.355	-0.08	0.108	0.146
FR1 n5	20M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	167300	836.5	1	18.16	19.50	1.361	0.02	0.250	0.340
FR1 n5	20M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	167300	836.5	1	18.16	19.50	1.361	0.12	0.083	0.113
FR1 n5	20M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	167300	836.5	1	18.16	19.50	1.361	-0.04	0.091	0.124
FR1 n5	20M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	167300	836.5	1	18.16	19.50	1.361	-0.04	0.047	0.064
FR1 n5	20M	QPSK	50	28	DFT-15	Right Cheek	0mm	Ant 2	State 7	167300	836.5	1	18.14	19.50	1.368	-0.16	0.256	0.350
FR1 n5	20M	QPSK	50	28	DFT-15	Right Tilted	0mm	Ant 2	State 7	167300	836.5	1	18.14	19.50	1.368	0.18	0.085	0.116
FR1 n5	20M	QPSK	50	28	DFT-15	Left Cheek	0mm	Ant 2	State 7	167300	836.5	1	18.14	19.50	1.368	0.03	0.097	0.133
FR1 n5	20M	QPSK	50	28	DFT-15	Left Tilted	0mm	Ant 2	State 7	167300	836.5	1	18.14	19.50	1.368	0.18	0.048	0.066
1750MHz																		
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 6	132322	1745	1	23.98	25.00	1.265	0.06	0.136	0.172
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 6	132322	1745	1	23.98	25.00	1.265	0.12	0.120	0.152
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 6	132322	1745	1	23.98	25.00	1.265	0.03	0.271	0.343
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 6	132322	1745	1	23.98	25.00	1.265	-0.13	0.125	0.158
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 6	132322	1745	1	23.04	24.00	1.247	0.05	0.111	0.138
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 6	132322	1745	1	23.04	24.00	1.247	0.1	0.096	0.120
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 6	132322	1745	1	23.04	24.00	1.247	-0.03	0.202	0.252
LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 6	132322	1745	1	23.04	24.00	1.247	-0.02	0.099	0.123
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 7	132322	1745	1	23.16	24.00	1.213	-0.12	0.108	0.131
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 7	132322	1745	1	23.16	24.00	1.213	0.1	0.095	0.115
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 7	132322	1745	1	23.16	24.00	1.213	0.01	0.215	0.261
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 7	132322	1745	1	23.16	24.00	1.213	0.12	0.099	0.120
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 7	132322	1745	1	22.14	23.00	1.219	0.18	0.088	0.107
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 7	132322	1745	1	22.14	23.00	1.219	0	0.076	0.093
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 7	132322	1745	1	22.14	23.00	1.219	0.13	0.160	0.195
LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 7	132322	1745	1	22.14	23.00	1.219	-0.05	0.079	0.096
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 6	132322	1745	1	16.01	17.00	1.256	-0.02	0.553	0.695
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 6	132322	1745	1	16.01	17.00	1.256	0.12	0.116	0.146
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 6	132322	1745	1	16.01	17.00	1.256	-0.09	0.231	0.290
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 6	132322	1745	1	16.01	17.00	1.256	0.19	0.049	0.062
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 6	132322	1745	1	14.83	16.00	1.309	-0.11	0.421	0.551
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 6	132322	1745	1	14.83	16.00	1.309	-0.16	0.087	0.114
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 6	132322	1745	1	14.83	16.00	1.309	-0.11	0.181	0.237
LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 6	132322	1745	1	14.83	16.00	1.309	0.09	0.038	0.050
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 7	132322	1745	1	11.98	13.00	1.265	0.09	0.226	0.286
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 7	132322	1745	1	11.98	13.00	1.265	0.02	0.046	0.058
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 7	132322	1745	1	11.98	13.00	1.265	0.04	0.096	0.121
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 7	132322	1745	1	11.98	13.00	1.265	0.17	0.021	0.027
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 7	132322	1745	1	10.99	12.00	1.262	0.05	0.174	0.220
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 7	132322	1745	1	10.99	12.00	1.262	-0.12	0.035	0.044
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 7	132322	1745	1	10.99	12.00	1.262	0.19	0.076	0.096



FCC SAR Test Report

Report No. : FA391308

LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 7	132322	1745	1	10.99	12.00	1.262	-0.13	0.147	0.185
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 7	State 6	132322	1745	1	20.56	22.00	1.393	0.04	0.516	0.719
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	State 6	132322	1745	1	20.56	22.00	1.393	0.05	0.260	0.362
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 7	State 6	132322	1745	1	20.56	22.00	1.393	-0.19	0.183	0.255
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 7	State 6	132322	1745	1	20.56	22.00	1.393	0.07	0.125	0.174
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 7	State 6	132322	1745	1	19.62	21.00	1.374	0.11	0.390	0.536
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 7	State 6	132322	1745	1	19.62	21.00	1.374	-0.09	0.209	0.287
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 7	State 6	132322	1745	1	19.62	21.00	1.374	-0.08	0.147	0.202
LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 7	State 6	132322	1745	1	19.62	21.00	1.374	-0.18	0.101	0.139
LTE Band 66	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 7	State 7	132322	1745	1	17.10	18.50	1.380	0.15	0.215	0.297
LTE Band 66	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	State 7	132322	1745	1	17.10	18.50	1.380	0.12	0.130	0.179
LTE Band 66	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 7	State 7	132322	1745	1	17.10	18.50	1.380	-0.05	0.082	0.113
LTE Band 66	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 7	State 7	132322	1745	1	17.10	18.50	1.380	0.12	0.063	0.087
LTE Band 66	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 7	State 7	132322	1745	1	16.08	17.50	1.387	0.18	0.172	0.239
LTE Band 66	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 7	State 7	132322	1745	1	16.08	17.50	1.387	-0.11	0.103	0.143
LTE Band 66	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 7	State 7	132322	1745	1	16.08	17.50	1.387	-0.1	0.066	0.092
LTE Band 66	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 7	State 7	132322	1745	1	16.08	17.50	1.387	-0.1	0.050	0.069
FR1 n66	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	349000	1745	1	24.53	25.00	1.114	0.09	0.139	0.155
FR1 n66	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	349000	1745	1	24.53	25.00	1.114	-0.1	0.116	0.129
FR1 n66	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	349000	1745	1	24.53	25.00	1.114	0.05	0.274	0.305
FR1 n66	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	349000	1745	1	24.53	25.00	1.114	-0.1	0.133	0.148
FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	349000	1745	1	24.36	25.00	1.159	0.03	0.130	0.151
FR1 n66	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	349000	1745	1	24.36	25.00	1.159	-0.07	0.109	0.126
FR1 n66	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	349000	1745	1	24.36	25.00	1.159	-0.01	0.263	0.305
FR1 n66	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	349000	1745	1	24.36	25.00	1.159	0.09	0.124	0.144
FR1 n66	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	349000	1745	1	17.08	17.50	1.102	-0.08	0.627	0.691
FR1 n66	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	349000	1745	1	17.08	17.50	1.102	-0.11	0.116	0.128
FR1 n66	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	349000	1745	1	17.08	17.50	1.102	0.04	0.253	0.279
FR1 n66	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	349000	1745	1	17.08	17.50	1.102	-0.16	0.055	0.061
FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	349000	1745	1	17.05	17.50	1.109	0.02	0.652	0.723
FR1 n66	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 6	349000	1745	1	17.05	17.50	1.109	-0.05	0.119	0.132
FR1 n66	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 6	349000	1745	1	17.05	17.50	1.109	0.09	0.266	0.295
FR1 n66	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 6	349000	1745	1	17.05	17.50	1.109	0.14	0.061	0.068
FR1 n66	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	349000	1745	1	13.58	14.00	1.102	-0.06	0.280	0.308
FR1 n66	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	349000	1745	1	13.58	14.00	1.102	0.05	0.056	0.062
FR1 n66	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	349000	1745	1	13.58	14.00	1.102	0.16	0.123	0.135
FR1 n66	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	349000	1745	1	13.58	14.00	1.102	0.05	0.024	0.026
FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 7	349000	1745	1	13.55	14.00	1.109	-0.15	0.290	0.322
FR1 n66	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 7	349000	1745	1	13.55	14.00	1.109	0.11	0.061	0.068
FR1 n66	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 7	349000	1745	1	13.55	14.00	1.109	-0.01	0.133	0.148
FR1 n66	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 7	349000	1745	1	13.55	14.00	1.109	-0.13	0.026	0.029
FR1 n66	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 6	349000	1745	1	22.95	24.50	1.429	-0.05	0.416	0.594
FR1 n66	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 6	349000	1745	1	22.95	24.50	1.429	0.08	0.247	0.353
FR1 n66	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 6	349000	1745	1	22.95	24.50	1.429	-0.06	0.175	0.250
FR1 n66	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 6	349000	1745	1	22.95	24.50	1.429	0.07	0.142	0.203
FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 7	State 6	349000	1745	1	22.90	24.50	1.445	0.01	0.425	0.614
FR1 n66	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 7	State 6	349000	1745	1	22.90	24.50	1.445	0.03	0.250	0.361
FR1 n66	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 7	State 6	349000	1745	1	22.90	24.50	1.445	-0.12	0.179	0.259
FR1 n66	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 7	State 6	349000	1745	1	22.90	24.50	1.445	0.09	0.149	0.215
FR1 n66	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 7	349000	1745	1	19.98	21.50	1.419	-0.17	0.203	0.288
FR1 n66	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 7	349000	1745	1	19.98	21.50	1.419	-0.07	0.124	0.176
FR1 n66	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 7	349000	1745	1	19.98	21.50	1.419	-0.16	0.088	0.125
FR1 n66	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 7	349000	1745	1	19.98	21.50	1.419	0.09	0.071	0.101
FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 7	State 7	349000	1745	1	19.95	21.50	1.429	0.14	0.208	0.297
FR1 n66	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 7	State 7	349000	1745	1	19.95	21.50	1.429	0.06	0.125	0.179
FR1 n66	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 7	State 7	349000	1745	1	19.95	21.50	1.429	0.15	0.090	0.129



FCC SAR Test Report

Report No. : FA391308

FR1 n66	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 7	State 7	349000	1745	1	19.95	21.50	1.429	-0.11	0.075	0.107
1900MHz																		
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 6	18900	1880	1	23.50	25.00	1.413	0.06	0.113	0.160
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 6	18900	1880	1	23.50	25.00	1.413	0.08	0.095	0.134
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 6	18900	1880	1	23.50	25.00	1.413	-0.01	0.216	0.305
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 6	18900	1880	1	23.50	25.00	1.413	-0.1	0.097	0.137
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 6	18900	1880	1	22.66	24.00	1.361	0.04	0.088	0.120
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 6	18900	1880	1	22.66	24.00	1.361	0.08	0.077	0.105
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 6	18900	1880	1	22.66	24.00	1.361	0.04	0.184	0.251
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 6	18900	1880	1	22.66	24.00	1.361	-0.1	0.079	0.108
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 7	18900	1880	1	22.67	24.00	1.358	-0.15	0.090	0.122
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 7	18900	1880	1	22.67	24.00	1.358	0.12	0.075	0.102
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 7	18900	1880	1	22.67	24.00	1.358	0.02	0.172	0.234
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 7	18900	1880	1	22.67	24.00	1.358	-0.19	0.077	0.105
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 7	18900	1880	1	21.81	23.00	1.315	-0.14	0.070	0.092
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 7	18900	1880	1	21.81	23.00	1.315	0.16	0.061	0.080
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 7	18900	1880	1	21.81	23.00	1.315	0.18	0.146	0.192
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 7	18900	1880	1	21.81	23.00	1.315	0.04	0.063	0.083
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 6	18900	1880	1	16.16	17.50	1.361	0.08	0.534	0.727
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 6	18900	1880	1	16.16	17.50	1.361	-0.02	0.123	0.167
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 6	18900	1880	1	16.16	17.50	1.361	-0.11	0.224	0.305
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 6	18900	1880	1	16.16	17.50	1.361	0.09	0.050	0.068
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 6	18900	1880	1	15.16	16.50	1.361	0.13	0.447	0.609
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 6	18900	1880	1	15.16	16.50	1.361	0.03	0.096	0.131
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 6	18900	1880	1	15.16	16.50	1.361	-0.1	0.177	0.241
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 6	18900	1880	1	15.16	16.50	1.361	-0.16	0.045	0.061
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 7	18900	1880	1	12.02	13.50	1.406	0.06	0.213	0.299
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 7	18900	1880	1	12.02	13.50	1.406	0.17	0.049	0.069
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 7	18900	1880	1	12.02	13.50	1.406	-0.05	0.089	0.125
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 7	18900	1880	1	12.02	13.50	1.406	0	0.020	0.028
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 7	18900	1880	1	11.00	12.50	1.413	0.13	0.173	0.244
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 7	18900	1880	1	11.00	12.50	1.413	0.02	0.038	0.054
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 7	18900	1880	1	11.00	12.50	1.413	-0.03	0.071	0.100
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 7	18900	1880	1	11.00	12.50	1.413	0.17	0.018	0.025
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 7	State 6	18900	1880	1	19.64	21.00	1.368	0.05	0.534	0.730
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	State 6	18900	1880	1	19.64	21.00	1.368	0.05	0.398	0.544
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 7	State 6	18900	1880	1	19.64	21.00	1.368	-0.06	0.278	0.380
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 7	State 6	18900	1880	1	19.64	21.00	1.368	0.14	0.244	0.334
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 7	State 6	18900	1880	1	18.58	20.00	1.387	-0.1	0.423	0.587
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 7	State 6	18900	1880	1	18.58	20.00	1.387	-0.08	0.292	0.405
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 7	State 6	18900	1880	1	18.58	20.00	1.387	-0.18	0.222	0.308
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 7	State 6	18900	1880	1	18.58	20.00	1.387	-0.19	0.193	0.268
LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 7	State 7	18900	1880	1	16.05	17.50	1.396	0.02	0.264	0.369
LTE Band 2	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	State 7	18900	1880	1	16.05	17.50	1.396	-0.04	0.193	0.269
LTE Band 2	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 7	State 7	18900	1880	1	16.05	17.50	1.396	-0.14	0.124	0.173
LTE Band 2	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 7	State 7	18900	1880	1	16.05	17.50	1.396	0.12	0.109	0.152
LTE Band 2	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 7	State 7	18900	1880	1	15.80	16.50	1.175	0.02	0.211	0.248
LTE Band 2	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 7	State 7	18900	1880	1	15.80	16.50	1.175	0.17	0.156	0.183
LTE Band 2	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 7	State 7	18900	1880	1	15.80	16.50	1.175	0.16	0.099	0.116
LTE Band 2	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 7	State 7	18900	1880	1	15.80	16.50	1.175	0.05	0.086	0.101
FR1 n25	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	376500	1882.5	1	24.53	25.00	1.114	0.12	0.151	0.168
FR1 n25	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	376500	1882.5	1	24.53	25.00	1.114	0.04	0.114	0.127
FR1 n25	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	376500	1882.5	1	24.53	25.00	1.114	0.06	0.280	0.312
FR1 n25	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	376500	1882.5	1	24.53	25.00	1.114	0.04	0.121	0.135
FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	376500	1882.5	1	24.45	25.00	1.135	0.01	0.128	0.145
FR1 n25	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	376500	1882.5	1	24.45	25.00	1.135	-0.13	0.103	0.117



FCC SAR Test Report

Report No. : FA391308

FR1 n25	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	376500	1882.5	1	24.45	25.00	1.135	0.11	0.272	0.309
FR1 n25	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	376500	1882.5	1	24.45	25.00	1.135	0.11	0.106	0.120
FR1 n25	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	376500	1882.5	1	17.08	17.50	1.102	0.09	0.677	0.746
FR1 n25	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	376500	1882.5	1	17.08	17.50	1.102	0.06	0.126	0.139
FR1 n25	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	376500	1882.5	1	17.08	17.50	1.102	-0.16	0.258	0.284
FR1 n25	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	376500	1882.5	1	17.08	17.50	1.102	0.19	0.064	0.070
FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	376500	1882.5	1	17.05	17.50	1.109	-0.16	0.703	0.780
FR1 n25	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 6	376500	1882.5	1	17.05	17.50	1.109	-0.15	0.125	0.139
FR1 n25	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 6	376500	1882.5	1	17.05	17.50	1.109	0.12	0.267	0.296
FR1 n25	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 6	376500	1882.5	1	17.05	17.50	1.109	0.19	0.062	0.069
FR1 n25	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	376500	1882.5	1	13.55	14.00	1.109	0.18	0.298	0.331
FR1 n25	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	376500	1882.5	1	13.55	14.00	1.109	0.07	0.061	0.068
FR1 n25	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	376500	1882.5	1	13.55	14.00	1.109	0.18	0.121	0.134
FR1 n25	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	376500	1882.5	1	13.55	14.00	1.109	0.01	0.027	0.030
FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 7	376500	1882.5	1	13.53	14.00	1.114	0.04	0.309	0.344
FR1 n25	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 7	376500	1882.5	1	13.53	14.00	1.114	0.16	0.064	0.071
FR1 n25	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 7	376500	1882.5	1	13.53	14.00	1.114	0.13	0.126	0.140
FR1 n25	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 7	376500	1882.5	1	13.53	14.00	1.114	-0.19	0.029	0.032
FR1 n25	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 6	376500	1882.5	1	21.55	23.00	1.396	-0.03	0.511	0.714
FR1 n25	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 6	376500	1882.5	1	21.55	23.00	1.396	-0.18	0.358	0.500
FR1 n25	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 6	376500	1882.5	1	21.55	23.00	1.396	0.18	0.219	0.306
FR1 n25	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 6	376500	1882.5	1	21.55	23.00	1.396	0.07	0.208	0.290
FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 7	State 6	376500	1882.5	1	21.53	23.00	1.403	-0.18	0.546	0.766
FR1 n25	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 7	State 6	376500	1882.5	1	21.53	23.00	1.403	0.15	0.406	0.570
FR1 n25	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 7	State 6	376500	1882.5	1	21.53	23.00	1.403	0	0.222	0.311
FR1 n25	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 7	State 6	376500	1882.5	1	21.53	23.00	1.403	-0.15	0.215	0.302
FR1 n25	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 7	376500	1882.5	1	17.56	19.00	1.393	-0.06	0.206	0.287
FR1 n25	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 7	376500	1882.5	1	17.56	19.00	1.393	0.02	0.174	0.242
FR1 n25	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 7	376500	1882.5	1	17.56	19.00	1.393	-0.02	0.088	0.123
FR1 n25	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 7	376500	1882.5	1	17.56	19.00	1.393	-0.02	0.084	0.117
FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 7	State 7	376500	1882.5	1	17.53	19.00	1.403	0.19	0.215	0.302
FR1 n25	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 7	State 7	376500	1882.5	1	17.53	19.00	1.403	-0.1	0.177	0.248
FR1 n25	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 7	State 7	376500	1882.5	1	17.53	19.00	1.403	-0.06	0.093	0.130
FR1 n25	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 7	State 7	376500	1882.5	1	17.53	19.00	1.403	0.18	0.089	0.125
2300MHz																		
LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 1	State 6/7	27710	2310	1	17.33	18.00	1.167	-0.05	0.055	0.064
LTE Band 30	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 1	State 6/7	27710	2310	1	17.33	18.00	1.167	0.08	0.035	0.041
LTE Band 30	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 1	State 6/7	27710	2310	1	17.33	18.00	1.167	-0.02	0.077	0.090
LTE Band 30	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 1	State 6/7	27710	2310	1	17.33	18.00	1.167	0.12	0.031	0.036
LTE Band 30	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 1	State 6/7	27710	2310	1	16.33	17.00	1.167	0.07	0.046	0.054
LTE Band 30	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 1	State 6/7	27710	2310	1	16.33	17.00	1.167	-0.09	0.030	0.035
LTE Band 30	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 1	State 6/7	27710	2310	1	16.33	17.00	1.167	0.11	0.069	0.081
LTE Band 30	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 1	State 6/7	27710	2310	1	16.33	17.00	1.167	-0.01	0.025	0.029
LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 6	27710	2310	1	15.90	16.50	1.148	-0.05	0.667	0.766
LTE Band 30	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 6	27710	2310	1	15.90	16.50	1.148	-0.08	0.142	0.163
LTE Band 30	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 6	27710	2310	1	15.90	16.50	1.148	0.14	0.352	0.404
LTE Band 30	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 6	27710	2310	1	15.90	16.50	1.148	-0.01	0.071	0.082
LTE Band 30	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 6	27710	2310	1	14.97	15.50	1.130	0.07	0.539	0.609
LTE Band 30	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 6	27710	2310	1	14.97	15.50	1.130	-0.18	0.113	0.128
LTE Band 30	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 6	27710	2310	1	14.97	15.50	1.130	0.04	0.279	0.315
LTE Band 30	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 6	27710	2310	1	14.97	15.50	1.130	0.05	0.057	0.064
LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 7	27710	2310	1	11.85	12.50	1.161	-0.19	0.276	0.321
LTE Band 30	10M	QPSK	1	25	-	Right Tilted	0mm	Ant 2	State 7	27710	2310	1	11.85	12.50	1.161	-0.17	0.068	0.079
LTE Band 30	10M	QPSK	1	25	-	Left Cheek	0mm	Ant 2	State 7	27710	2310	1	11.85	12.50	1.161	0.19	0.142	0.165
LTE Band 30	10M	QPSK	1	25	-	Left Tilted	0mm	Ant 2	State 7	27710	2310	1	11.85	12.50	1.161	-0.16	0.035	0.041
LTE Band 30	10M	QPSK	25	12	-	Right Cheek	0mm	Ant 2	State 7	27710	2310	1	10.88	11.50	1.153	-0.14	0.217	0.250



FCC SAR Test Report

Report No. : FA391308

LTE Band 30	10M	QPSK	25	12	-	Right Tilted	0mm	Ant 2	State 7	27710	2310	1	10.88	11.50	1.153	-0.11	0.055	0.063
LTE Band 30	10M	QPSK	25	12	-	Left Cheek	0mm	Ant 2	State 7	27710	2310	1	10.88	11.50	1.153	-0.15	0.111	0.128
LTE Band 30	10M	QPSK	25	12	-	Left Tilted	0mm	Ant 2	State 7	27710	2310	1	10.88	11.50	1.153	0.05	0.029	0.033
FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	462000	2310	1	16.75	18.00	1.334	-0.08	0.050	0.067
FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	462000	2310	1	16.75	18.00	1.334	-0.13	0.033	0.044
FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	462000	2310	1	16.75	18.00	1.334	-0.09	0.089	0.119
FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	462000	2310	1	16.75	18.00	1.334	0.12	0.030	0.040
FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	462000	2310	1	16.72	18.00	1.343	-0.06	0.041	0.055
FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	462000	2310	1	16.72	18.00	1.343	0.09	0.031	0.042
FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	462000	2310	1	16.72	18.00	1.343	-0.09	0.078	0.105
FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	462000	2310	1	16.72	18.00	1.343	-0.11	0.028	0.038
FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	462000	2310	1	15.28	16.50	1.324	-0.18	0.595	0.788
FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	462000	2310	1	15.28	16.50	1.324	0.14	0.114	0.151
FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	462000	2310	1	15.28	16.50	1.324	0.18	0.277	0.367
FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	462000	2310	1	15.28	16.50	1.324	0.19	0.059	0.078
FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 2	State 6	462000	2310	1	15.25	16.50	1.334	0.08	0.583	0.777
FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 2	State 6	462000	2310	1	15.25	16.50	1.334	0.15	0.110	0.147
FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 2	State 6	462000	2310	1	15.25	16.50	1.334	0.11	0.274	0.365
FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 2	State 6	462000	2310	1	15.25	16.50	1.334	0.17	0.057	0.076
FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	462000	2310	1	11.79	13.00	1.321	0.14	0.274	0.362
FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	462000	2310	1	11.79	13.00	1.321	0.08	0.050	0.066
FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	462000	2310	1	11.79	13.00	1.321	-0.17	0.133	0.176
FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	462000	2310	1	11.79	13.00	1.321	0.08	0.026	0.034
FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 2	State 7	462000	2310	1	11.76	13.00	1.330	-0.04	0.266	0.354
FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 2	State 7	462000	2310	1	11.76	13.00	1.330	-0.18	0.049	0.065
FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 2	State 7	462000	2310	1	11.76	13.00	1.330	0.01	0.121	0.161
FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 2	State 7	462000	2310	1	11.76	13.00	1.330	0.09	0.023	0.031
FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 6	462000	2310	1	19.35	21.00	1.462	-0.13	0.531	0.776
FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 6	462000	2310	1	19.35	21.00	1.462	0.02	0.392	0.573
FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 6	462000	2310	1	19.35	21.00	1.462	-0.11	0.257	0.376
FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 6	462000	2310	1	19.35	21.00	1.462	0.13	0.343	0.502
FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 7	State 6	462000	2310	1	19.33	21.00	1.469	-0.19	0.513	0.754
FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 7	State 6	462000	2310	1	19.33	21.00	1.469	-0.18	0.382	0.561
FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 7	State 6	462000	2310	1	19.33	21.00	1.469	0.18	0.253	0.372
FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 7	State 6	462000	2310	1	19.33	21.00	1.469	0.05	0.329	0.483
FR1 n30	10M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 7	State 7	462000	2310	1	14.85	16.50	1.462	-0.14	0.204	0.298
FR1 n30	10M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 7	State 7	462000	2310	1	14.85	16.50	1.462	-0.19	0.151	0.221
FR1 n30	10M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 7	State 7	462000	2310	1	14.85	16.50	1.462	0.11	0.098	0.143
FR1 n30	10M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 7	State 7	462000	2310	1	14.85	16.50	1.462	0.14	0.125	0.183
FR1 n30	10M	QPSK	25	14	DFT-15	Right Cheek	0mm	Ant 7	State 7	462000	2310	1	14.83	16.50	1.469	-0.04	0.195	0.286
FR1 n30	10M	QPSK	25	14	DFT-15	Right Tilted	0mm	Ant 7	State 7	462000	2310	1	14.83	16.50	1.469	0.1	0.142	0.209
FR1 n30	10M	QPSK	25	14	DFT-15	Left Cheek	0mm	Ant 7	State 7	462000	2310	1	14.83	16.50	1.469	0.06	0.089	0.131
FR1 n30	10M	QPSK	25	14	DFT-15	Left Tilted	0mm	Ant 7	State 7	462000	2310	1	14.83	16.50	1.469	0.09	0.120	0.176
2600MHz																		
LTE Band 7	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 1	State 6/7	21100	2535	1	23.84	25.00	1.306	-0.11	0.099	0.129
LTE Band 7	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 1	State 6/7	21100	2535	1	23.84	25.00	1.306	0.13	0.057	0.074
LTE Band 7	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 1	State 6/7	21100	2535	1	23.84	25.00	1.306	0.11	0.173	0.226
LTE Band 7	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 1	State 6/7	21100	2535	1	23.84	25.00	1.306	-0.13	0.046	0.060
LTE Band 7	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 1	State 6/7	21100	2535	1	22.87	24.00	1.297	0.09	0.080	0.104
LTE Band 7	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 1	State 6/7	21100	2535	1	22.87	24.00	1.297	0.07	0.045	0.058
LTE Band 7	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 1	State 6/7	21100	2535	1	22.87	24.00	1.297	0.13	0.140	0.182
LTE Band 7	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 1	State 6/7	21100	2535	1	22.87	24.00	1.297	0.08	0.040	0.052
LTE Band 7	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 6	21100	2535	1	15.74	17.00	1.337	0.12	0.571	0.763
LTE Band 7	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 6	21100	2535	1	15.74	17.00	1.337	0.02	0.124	0.166
LTE Band 7	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 6	21100	2535	1	15.74	17.00	1.337	-0.01	0.219	0.293
LTE Band 7	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 6	21100	2535	1	15.74	17.00	1.337	0.12	0.057	0.076



FCC SAR Test Report

Report No. : FA391308

	LTE Band 7	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 6	21100	2535	1	14.73	16.00	1.340	-0.15	0.451	0.604
	LTE Band 7	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 6	21100	2535	1	14.73	16.00	1.340	0.04	0.101	0.135
	LTE Band 7	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 6	21100	2535	1	14.73	16.00	1.340	0	0.169	0.226
	LTE Band 7	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 6	21100	2535	1	14.73	16.00	1.340	0.02	0.045	0.060
	LTE Band 7	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	State 7	21100	2535	1	11.88	13.00	1.294	-0.18	0.226	0.292
	LTE Band 7	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 2	State 7	21100	2535	1	11.88	13.00	1.294	-0.12	0.054	0.070
	LTE Band 7	20M	QPSK	1	49	-	Left Cheek	0mm	Ant 2	State 7	21100	2535	1	11.88	13.00	1.294	0.15	0.095	0.123
	LTE Band 7	20M	QPSK	1	49	-	Left Tilted	0mm	Ant 2	State 7	21100	2535	1	11.88	13.00	1.294	0.15	0.025	0.032
	LTE Band 7	20M	QPSK	50	24	-	Right Cheek	0mm	Ant 2	State 7	21100	2535	1	10.85	12.00	1.303	-0.14	0.177	0.231
	LTE Band 7	20M	QPSK	50	24	-	Right Tilted	0mm	Ant 2	State 7	21100	2535	1	10.85	12.00	1.303	-0.09	0.043	0.056
	LTE Band 7	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 2	State 7	21100	2535	1	10.85	12.00	1.303	-0.05	0.076	0.099
	LTE Band 7	20M	QPSK	50	24	-	Left Tilted	0mm	Ant 2	State 7	21100	2535	1	10.85	12.00	1.303	0.01	0.020	0.026
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	507000	2535	1	23.92	25.00	1.282	0.1	0.090	0.115
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	507000	2535	1	23.92	25.00	1.282	-0.12	0.065	0.083
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	507000	2535	1	23.92	25.00	1.282	-0.05	0.177	0.227
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	507000	2535	1	23.92	25.00	1.282	0.13	0.056	0.072
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 1	State 6/7	507000	2535	1	23.83	25.00	1.309	-0.12	0.101	0.132
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 1	State 6/7	507000	2535	1	23.83	25.00	1.309	-0.03	0.078	0.102
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 1	State 6/7	507000	2535	1	23.83	25.00	1.309	0.07	0.186	0.244
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 1	State 6/7	507000	2535	1	23.83	25.00	1.309	0.06	0.063	0.082
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 6	507000	2535	1	15.45	16.50	1.274	-0.06	0.613	0.781
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 6	507000	2535	1	15.45	16.50	1.274	-0.03	0.121	0.154
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 6	507000	2535	1	15.45	16.50	1.274	-0.18	0.226	0.288
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 6	507000	2535	1	15.45	16.50	1.274	0.03	0.056	0.071
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	507000	2535	1	15.43	16.50	1.279	-0.16	0.593	0.759
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 6	507000	2535	1	15.43	16.50	1.279	-0.03	0.112	0.143
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 6	507000	2535	1	15.43	16.50	1.279	-0.15	0.181	0.232
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 6	507000	2535	1	15.43	16.50	1.279	0.06	0.051	0.065
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Cheek	0mm	Ant 2	State 7	507000	2535	1	11.98	13.00	1.265	-0.11	0.281	0.355
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Tilted	0mm	Ant 2	State 7	507000	2535	1	11.98	13.00	1.265	0.08	0.052	0.066
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Cheek	0mm	Ant 2	State 7	507000	2535	1	11.98	13.00	1.265	0.03	0.105	0.133
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Tilted	0mm	Ant 2	State 7	507000	2535	1	11.98	13.00	1.265	-0.02	0.027	0.034
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 7	507000	2535	1	11.95	13.00	1.274	-0.01	0.268	0.341
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Tilted	0mm	Ant 2	State 7	507000	2535	1	11.95	13.00	1.274	-0.06	0.047	0.060
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Cheek	0mm	Ant 2	State 7	507000	2535	1	11.95	13.00	1.274	0.17	0.092	0.117
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Tilted	0mm	Ant 2	State 7	507000	2535	1	11.95	13.00	1.274	-0.04	0.025	0.032
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	23.59	25.00	1.384	0.07	0.109	0.151
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	23.59	25.00	1.384	-0.1	0.081	0.112
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	23.59	25.00	1.384	0.08	0.161	0.223
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	23.59	25.00	1.384	-0.02	0.055	0.076
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	23.41	25.00	1.442	0.09	0.103	0.149
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	23.41	25.00	1.442	0.06	0.074	0.107
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 1	State 6/7	518598	2592.99	1	23.41	25.00	1.442	0.01	0.145	0.209
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 1	State 6/7	518598	2592.99	1	23.41	25.00	1.442	0.04	0.041	0.059
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 2	State 6	518598	2592.99	1	15.65	17.00	1.365	-0.14	0.562	0.767
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 2	State 6	518598	2592.99	1	15.65	17.00	1.365	0.11	0.133	0.181
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 2	State 6	518598	2592.99	1	15.65	17.00	1.365	0.05	0.246	0.336
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 2	State 6	518598	2592.99	1	15.65	17.00	1.365	-0.12	0.060	0.082
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 2	State 6	518598	2592.99	1	15.62	17.00	1.374	0.14	0.429	0.589
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 2	State 6	518598	2592.99	1	15.62	17.00	1.374	0.16	0.103	0.142
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 2	State 6	518598	2592.99	1	15.62	17.00	1.374	-0.12	0.193	0.265
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 2	State 6	518598	2592.99	1	15.62	17.00	1.374	-0.09	0.050	0.069
	FR1 n41	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 2	State 6	518598	2592.99	1	15.60	17.00	1.380	0.09	0.436	0.602
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 2	State 7	518598	2592.99	1	12.16	13.50	1.361	0.15	0.256	0.349
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 2	State 7	518598	2592.99	1	12.16	13.50	1.361	-0.06	0.058	0.079
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 2	State 7	518598	2592.99	1	12.16	13.50	1.361	0.06	0.114	0.155



FCC SAR Test Report

Report No. : FA391308

FR1 n41	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 2	State 7	518598	2592.99	1	12.16	13.50	1.361	0.07	0.027	0.037
FR1 n41	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 2	State 7	518598	2592.99	1	12.13	13.50	1.371	0.15	0.209	0.287
FR1 n41	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 2	State 7	518598	2592.99	1	12.13	13.50	1.371	-0.04	0.045	0.062
FR1 n41	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 2	State 7	518598	2592.99	1	12.13	13.50	1.371	-0.02	0.098	0.134
FR1 n41	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 2	State 7	518598	2592.99	1	12.13	13.50	1.371	0.03	0.026	0.036
3500MHz~3900MHz																		
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 6	656000	3840	1	24.13	25.00	1.222	0.12	0.243	0.297
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 6	656000	3840	1	24.13	25.00	1.222	0.06	0.120	0.147
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 6	656000	3840	1	24.13	25.00	1.222	-0.01	0.445	0.544
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 6	656000	3840	1	24.13	25.00	1.222	-0.04	0.094	0.115
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 6	656000	3840	1	23.85	25.00	1.303	-0.02	0.221	0.288
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 6	656000	3840	1	23.85	25.00	1.303	-0.12	0.114	0.149
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 6	656000	3840	1	23.85	25.00	1.303	-0.02	0.416	0.542
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 6	656000	3840	1	23.85	25.00	1.303	0.03	0.087	0.113
FR1 n77	100M	QPSK	270	0	DFT-30	Left Cheek	0mm	Ant 8	State 6	656000	3840	1	23.82	25.00	1.312	0.02	0.411	0.539
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 6	633332	3499.98	1	23.65	25.00	1.365	-0.06	0.231	0.315
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 6	633332	3499.98	1	23.65	25.00	1.365	0.11	0.174	0.237
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 6	633332	3499.98	1	23.65	25.00	1.365	-0.03	0.404	0.551
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 6	633332	3499.98	1	23.65	25.00	1.365	-0.02	0.110	0.150
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 6	633332	3499.98	1	23.48	25.00	1.419	0.13	0.214	0.304
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 6	633332	3499.98	1	23.48	25.00	1.419	-0.02	0.150	0.213
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 6	633332	3499.98	1	23.48	25.00	1.419	0.08	0.361	0.512
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 6	633332	3499.98	1	23.48	25.00	1.419	-0.11	0.093	0.132
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 7	656000	3840	1	21.15	22.00	1.216	0.17	0.122	0.148
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 7	656000	3840	1	21.15	22.00	1.216	-0.08	0.060	0.073
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 7	656000	3840	1	21.15	22.00	1.216	-0.08	0.223	0.271
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 7	656000	3840	1	21.15	22.00	1.216	-0.17	0.047	0.057
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 7	656000	3840	1	21.13	22.00	1.222	0.13	0.111	0.136
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 7	656000	3840	1	21.13	22.00	1.222	0.06	0.057	0.070
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 7	656000	3840	1	21.13	22.00	1.222	-0.1	0.208	0.254
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 7	656000	3840	1	21.13	22.00	1.222	-0.13	0.044	0.054
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 8	State 7	633332	3499.98	1	20.68	22.00	1.355	0.06	0.116	0.157
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 8	State 7	633332	3499.98	1	20.68	22.00	1.355	0.12	0.087	0.118
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	State 7	633332	3499.98	1	20.68	22.00	1.355	-0.09	0.202	0.274
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 8	State 7	633332	3499.98	1	20.68	22.00	1.355	0.06	0.055	0.075
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 8	State 7	633332	3499.98	1	20.53	22.00	1.403	0	0.107	0.150
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 8	State 7	633332	3499.98	1	20.53	22.00	1.403	-0.14	0.075	0.105
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 8	State 7	633332	3499.98	1	20.53	22.00	1.403	0.09	0.181	0.254
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 8	State 7	633332	3499.98	1	20.53	22.00	1.403	-0.04	0.047	0.066
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.06	0.057	0.070
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.03	0.024	0.029
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.12	0.074	0.090
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	656000	3840	1	24.13	25.00	1.222	0.13	0.018	0.022
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	656000	3840	1	23.85	25.00	1.303	-0.12	0.056	0.073
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	656000	3840	1	23.85	25.00	1.303	-0.02	0.023	0.030
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	656000	3840	1	23.85	25.00	1.303	-0.07	0.068	0.089
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	656000	3840	1	23.85	25.00	1.303	0.04	0.017	0.022
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	23.65	25.00	1.365	-0.08	0.078	0.106
FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	23.65	25.00	1.365	0.04	0.027	0.037
FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	23.65	25.00	1.365	-0.11	0.096	0.131
FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	23.65	25.00	1.365	0.04	0.021	0.029
FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	23.48	25.00	1.419	-0.11	0.076	0.108
FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.13	0.024	0.034
FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 9	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.09	0.089	0.126
FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 9	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.13	0.019	0.027
FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 6	656000	3840	1	20.18	21.00	1.208	0.06	0.266	0.321



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6	656000	3840	1	20.18	21.00	1.208	0.01	0.328	0.396
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 6	656000	3840	1	20.18	21.00	1.208	-0.05	0.149	0.180
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 6	656000	3840	1	20.18	21.00	1.208	0.12	0.178	0.215
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 6	656000	3840	1	20.15	21.00	1.216	0.11	0.179	0.218
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 6	656000	3840	1	20.15	21.00	1.216	0.05	0.241	0.293
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 6	656000	3840	1	20.15	21.00	1.216	0.02	0.092	0.112
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 6	656000	3840	1	20.15	21.00	1.216	-0.06	0.113	0.137
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 6	633332	3499.98	1	19.67	21.00	1.358	-0.01	0.549	0.746
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6	633332	3499.98	1	19.67	21.00	1.358	0.04	0.580	0.788
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 6	633332	3499.98	1	19.67	21.00	1.358	0.07	0.241	0.327
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 6	633332	3499.98	1	19.67	21.00	1.358	-0.02	0.295	0.401
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 6	633332	3499.98	1	19.65	21.00	1.365	0.17	0.496	0.677
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 6	633332	3499.98	1	19.65	21.00	1.365	0.12	0.517	0.705
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 6	633332	3499.98	1	19.65	21.00	1.365	0.08	0.231	0.315
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 6	633332	3499.98	1	19.65	21.00	1.365	0.1	0.266	0.363
	FR1 n77	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 7	State 6	633332	3499.98	1	19.63	21.00	1.371	0.09	0.499	0.684
	FR1 n77	100M	QPSK	270	0	DFT-30	Right Tilted	0mm	Ant 7	State 6	633332	3499.98	1	19.63	21.00	1.371	0.09	0.523	0.717
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 7	656000	3840	1	16.19	17.00	1.205	0.05	0.106	0.128
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 7	656000	3840	1	16.19	17.00	1.205	-0.02	0.142	0.171
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 7	656000	3840	1	16.19	17.00	1.205	0.15	0.060	0.072
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 7	656000	3840	1	16.19	17.00	1.205	0.02	0.070	0.084
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 7	656000	3840	1	16.15	17.00	1.216	0.03	0.065	0.079
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 7	656000	3840	1	16.15	17.00	1.216	0.11	0.088	0.107
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 7	656000	3840	1	16.15	17.00	1.216	-0.06	0.038	0.046
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 7	656000	3840	1	16.15	17.00	1.216	0.02	0.045	0.055
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	State 7	633332	3499.98	1	15.68	17.00	1.355	0.15	0.220	0.298
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 7	633332	3499.98	1	15.68	17.00	1.355	0.16	0.251	0.340
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 7	State 7	633332	3499.98	1	15.68	17.00	1.355	-0.16	0.099	0.134
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 7	State 7	633332	3499.98	1	15.68	17.00	1.355	-0.01	0.113	0.153
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 7	State 7	633332	3499.98	1	15.65	17.00	1.365	-0.19	0.202	0.276
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 7	State 7	633332	3499.98	1	15.65	17.00	1.365	-0.14	0.224	0.306
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 7	State 7	633332	3499.98	1	15.65	17.00	1.365	-0.03	0.095	0.130
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 7	State 7	633332	3499.98	1	15.65	17.00	1.365	-0.02	0.107	0.146
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.03	0.041	0.050
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	656000	3840	1	24.13	25.00	1.222	0.04	0.024	0.029
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.04	0.074	0.090
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	656000	3840	1	24.13	25.00	1.222	-0.04	0.021	0.026
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	656000	3840	1	23.85	25.00	1.303	0.13	0.036	0.047
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	656000	3840	1	23.85	25.00	1.303	0.07	0.021	0.027
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	656000	3840	1	23.85	25.00	1.303	0.05	0.067	0.087
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	656000	3840	1	23.85	25.00	1.303	-0.1	0.018	0.023
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	23.65	25.00	1.365	0.05	0.034	0.046
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	23.65	25.00	1.365	-0.02	0.025	0.034
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	23.65	25.00	1.365	0.07	0.069	0.094
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	23.65	25.00	1.365	0.04	0.019	0.026
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.08	0.031	0.044
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	23.48	25.00	1.419	-0.07	0.022	0.031
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.06	0.062	0.088
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	State 6/7	633332	3499.98	1	23.48	25.00	1.419	0.02	0.013	0.018



<UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2600MHz																					
	FR1 n41	100M	QPSK	1	1	CP-30	Right Cheek	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.08	0.058	0.081
	FR1 n41	100M	QPSK	1	1	CP-30	Right Tilted	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.16	0.044	0.061
	FR1 n41	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.17	0.086	0.121
	FR1 n41	100M	QPSK	1	1	CP-30	Left Tilted	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	-0.01	0.032	0.045
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 1	State 6/7	5185982	2592.99	1	23.59	24.50	1.233	50	1.000	-0.14	0.084	0.104
	FR1 n41	100M	QPSK	137	68	CP-30	Right Cheek	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.17	0.055	0.078
	FR1 n41	100M	QPSK	137	68	CP-30	Right Tilted	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	-0.04	0.042	0.060
	FR1 n41	100M	QPSK	137	68	CP-30	Left Cheek	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.02	0.081	0.115
	FR1 n41	100M	QPSK	137	68	CP-30	Left Tilted	0mm	Ant 1	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.15	0.029	0.041
	FR1 n41	100M	QPSK	1	1	CP-30	Right Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.03	16.50	1.403	-	-	-0.18	0.477	0.669
	FR1 n41	100M	QPSK	1	1	CP-30	Right Tilted	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.03	16.50	1.403	-	-	0.17	0.124	0.174
	FR1 n41	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.03	16.50	1.403	-	-	0.1	0.207	0.291
	FR1 n41	100M	QPSK	1	1	CP-30	Left Tilted	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.03	16.50	1.403	-	-	-0.14	0.055	0.078
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Right Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	18.12	19.00	1.225	50	1.000	-0.02	0.498	0.610
	FR1 n41	100M	QPSK	137	68	CP-30	Right Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.00	16.50	1.413	-	-	0.14	0.419	0.592
	FR1 n41	100M	QPSK	137	68	CP-30	Right Tilted	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.00	16.50	1.413	-	-	0	0.113	0.160
	FR1 n41	100M	QPSK	137	68	CP-30	Left Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.00	16.50	1.413	-	-	0.03	0.194	0.274
	FR1 n41	100M	QPSK	137	68	CP-30	Left Tilted	0mm	Ant 2	State 6/7	5185982	2592.99	1	15.00	16.50	1.413	-	-	-0.08	0.053	0.075
	FR1 n41	100M	QPSK	273	0	CP-30	Right Cheek	0mm	Ant 2	State 6/7	5185982	2592.99	1	14.98	16.50	1.419	-	-	0.13	0.404	0.573
	FR1 n41	100M	QPSK	1	1	CP-30	Right Cheek	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.01	0.066	0.092
	FR1 n41	100M	QPSK	1	1	CP-30	Right Tilted	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.16	0.041	0.058
	FR1 n41	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	-0.02	0.103	0.145
	FR1 n41	100M	QPSK	1	1	CP-30	Left Tilted	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	-0.01	0.030	0.042
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 8	State 6/7	5185982	2592.99	1	23.59	24.50	1.233	50	1.000	-0.09	0.099	0.122
	FR1 n41	100M	QPSK	137	68	CP-30	Right Cheek	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	-0.19	0.057	0.081
	FR1 n41	100M	QPSK	137	68	CP-30	Right Tilted	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.03	0.034	0.048
	FR1 n41	100M	QPSK	137	68	CP-30	Left Cheek	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	-0.11	0.089	0.126
	FR1 n41	100M	QPSK	137	68	CP-30	Left Tilted	0mm	Ant 8	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.09	0.026	0.037
	FR1 n41	100M	QPSK	1	1	CP-30	Right Cheek	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	-0.17	0.016	0.022
	FR1 n41	100M	QPSK	1	1	CP-30	Right Tilted	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.15	0.009	0.013
	FR1 n41	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	0.19	0.026	0.036
	FR1 n41	100M	QPSK	1	1	CP-30	Left Tilted	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.53	22.00	1.403	-	-	-0.1	0.006	0.008
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Cheek	0mm	Ant 9	State 6/7	5185982	2592.99	1	23.59	24.50	1.233	50	1.000	0.11	0.027	0.033
	FR1 n41	100M	QPSK	137	68	CP-30	Right Cheek	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.03	0.013	0.018
	FR1 n41	100M	QPSK	137	68	CP-30	Right Tilted	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0	0.008	0.011
	FR1 n41	100M	QPSK	137	68	CP-30	Left Cheek	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	0.18	0.024	0.034
	FR1 n41	100M	QPSK	137	68	CP-30	Left Tilted	0mm	Ant 9	State 6/7	5185982	2592.99	1	20.48	22.00	1.419	-	-	-0.07	0.005	0.007



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Operating Mode	Power State	Ch	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																		
	Bluetooth	DH5 1Mbps	Right Cheek	0mm	Ant 5	normal	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	0.08	0.140	0.251
	Bluetooth	DH5 1Mbps	Right Tilted	0mm	Ant 5	normal	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	0.01	0.012	0.022
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 5	normal	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	-0.09	0.044	0.079
	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 5	normal	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	0.08	0.015	0.027
	Bluetooth	DH5 1Mbps	Right Cheek	0mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	-0.08	0.100	0.184
	Bluetooth	DH5 1Mbps	Right Tilted	0mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	0.11	0.086	0.159
25	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	0.07	0.299	0.552
	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	-0.08	0.170	0.314
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	6	2437	1	21.53	23.00	1.403	97.46	1.026	0.06	0.724	1.042
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 5	normal	Standalone	6	2437	1	21.53	23.00	1.403	97.46	1.026	-0.08	0.078	0.112
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5	normal	Standalone	6	2437	1	21.53	23.00	1.403	97.46	1.026	-0.03	0.195	0.281
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 5	normal	Standalone	6	2437	1	21.53	23.00	1.403	97.46	1.026	0.13	0.107	0.154
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	1	2412	1	20.40	22.00	1.445	97.46	1.026	-0.02	0.623	0.924
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	11	2462	1	21.48	23.00	1.419	97.46	1.026	0.07	0.751	1.093
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5	normal	Simultaneous	6	2437	1	16.48	18.00	1.419	97.46	1.026	-0.06	0.241	0.351
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 5	normal	Simultaneous	6	2437	1	16.48	18.00	1.419	97.46	1.026	0.12	0.031	0.045
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5	normal	Simultaneous	6	2437	1	16.48	18.00	1.419	97.46	1.026	-0.03	0.064	0.093
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 5	normal	Simultaneous	6	2437	1	16.48	18.00	1.419	97.46	1.026	0.07	0.033	0.048
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	normal	Standalone	6	2437	1	18.81	20.00	1.315	97.46	1.026	-0.08	0.263	0.355
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	normal	Standalone	6	2437	1	18.81	20.00	1.315	97.46	1.026	-0.04	0.211	0.285
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	Standalone	6	2437	1	18.81	20.00	1.315	97.46	1.026	0.1	0.773	1.043
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	normal	Standalone	6	2437	1	18.81	20.00	1.315	97.46	1.026	-0.02	0.629	0.849
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	Standalone	1	2412	1	18.71	20.00	1.346	97.46	1.026	-0.06	0.738	1.019
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	Standalone	11	2462	1	18.75	20.00	1.334	97.46	1.026	0.1	0.856	1.171
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	normal	Standalone	1	2412	1	18.71	20.00	1.346	97.46	1.026	0.01	0.596	0.823
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	normal	Standalone	11	2462	1	18.75	20.00	1.334	97.46	1.026	-0.06	0.659	0.902
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	normal	Simultaneous	6	2437	1	14.65	16.00	1.365	97.46	1.026	0.02	0.111	0.155
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	normal	Simultaneous	6	2437	1	14.65	16.00	1.365	97.46	1.026	0.07	0.102	0.143
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	Simultaneous	6	2437	1	14.65	16.00	1.365	97.46	1.026	0.04	0.287	0.402
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	normal	Simultaneous	6	2437	1	14.65	16.00	1.365	97.46	1.026	-0.04	0.221	0.309
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5+4	normal	Standalone	6	2437	1	22.72	24.00	1.344	97.46	1.026	-0.09	0.497	0.685
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 5+4	normal	Standalone	6	2437	1	22.72	24.00	1.344	97.46	1.026	-0.11	0.308	0.425
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5+4	normal	Standalone	6	2437	1	22.72	24.00	1.344	97.46	1.026	0.09	0.781	1.077
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 5+4	normal	Standalone	6	2437	1	22.72	24.00	1.344	97.46	1.026	-0.04	0.576	0.794
26	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5+4	normal	Standalone	1	2412	1	22.56	24.00	1.395	97.46	1.026	0.05	0.824	1.179
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5+4	normal	Standalone	1	2412	2	22.56	24.00	1.395	97.46	1.026	0.05	0.781	1.118
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5+4	normal	Standalone	11	2462	1	22.60	24.00	1.382	97.46	1.026	-0.02	0.794	1.126
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 5+4	normal	Simultaneous	6	2437	1	18.12	19.50	1.376	97.46	1.026	0.04	0.179	0.253
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 5+4	normal	Simultaneous	6	2437	1	18.12	19.50	1.376	97.46	1.026	0.06	0.126	0.178
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 5+4	normal	Simultaneous	6	2437	1	18.12	19.50	1.376	97.46	1.026	0.01	0.281	0.397
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 5+4	normal	Simultaneous	6	2437	1	18.12	19.50	1.376	97.46	1.026	0.06	0.228	0.322
5000MHz																		
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5	normal	Standalone	60	5300	1	19.72	21.50	1.507	100.00	1.000	-0.06	0.367	0.553
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Tilted	0mm	Ant 5	normal	Standalone	60	5300	1	19.72	21.50	1.507	100.00	1.000	-0.07	0.107	0.161
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5	normal	Standalone	60	5300	1	19.72	21.50	1.507	100.00	1.000	0.09	0.150	0.226
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Tilted	0mm	Ant 5	normal	Standalone	60	5300	1	19.72	21.50	1.507	100.00	1.000	-0.02	0.173	0.261
	WLAN5.3GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 5	normal	Simultaneous	60	5300	1	17.91	19.50	1.442	99.32	1.007	0.01	0.238	0.346
	WLAN5.3GHz	802.11a 6Mbps	Right Tilted	0mm	Ant 5	normal	Simultaneous	60	5300	1	17.91	19.50	1.442	99.32	1.007	-0.03	0.067	0.098
	WLAN5.3GHz	802.11a 6Mbps	Left Cheek	0mm	Ant 5	normal	Simultaneous	60	5300	1	17.91	19.50	1.442	99.32	1.007	0.11	0.095	0.138
	WLAN5.3GHz	802.11a 6Mbps	Left Tilted	0mm	Ant 5	normal	Simultaneous	60	5300	1	17.91	19.50	1.442	99.32	1.007	0.05	0.106	0.154
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 4	normal	Standalone	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.01	0.149	0.200



FCC SAR Test Report

Report No. : FA391308

	WLAN5.3GHz	802.11n-HT20 MCS0	Right Tilted	0mm	Ant 4	normal	Standalone	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.1	0.254	0.341
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.04	0.685	0.920
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Tilted	0mm	Ant 4	normal	Standalone	60	5300	1	20.22	21.50	1.343	100.00	1.000	0.09	0.528	0.709
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	52	5260	1	19.86	21.50	1.459	100.00	1.000	0.02	0.628	0.916
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	56	5280	1	20.09	21.50	1.384	100.00	1.000	0.02	0.658	0.910
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	64	5320	1	18.00	19.50	1.413	100.00	1.000	0.02	0.451	0.637
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	normal	Simultaneous	58	5290	1	15.78	17.50	1.486	100.00	1.000	-0.01	0.071	0.106
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	normal	Simultaneous	58	5290	1	15.78	17.50	1.486	100.00	1.000	-0.13	0.112	0.166
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	normal	Simultaneous	58	5290	1	15.78	17.50	1.486	100.00	1.000	-0.13	0.267	0.397
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	normal	Simultaneous	58	5290	1	15.78	17.50	1.486	100.00	1.000	-0.13	0.231	0.343
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5+4	normal	Standalone	60	5300	1	22.99	24.50	1.417	100.00	1.000	0.01	0.371	0.526
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Tilted	0mm	Ant 5+4	normal	Standalone	60	5300	1	22.99	24.50	1.417	100.00	1.000	0.05	0.292	0.414
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	60	5300	1	22.99	24.50	1.417	100.00	1.000	-0.12	0.626	0.887
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Tilted	0mm	Ant 5+4	normal	Standalone	60	5300	1	22.99	24.50	1.417	100.00	1.000	0.07	0.563	0.798
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	52	5260	1	22.69	24.00	1.351	100.00	1.000	0.01	0.616	0.832
27	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	56	5280	1	22.88	24.50	1.452	100.00	1.000	-0.04	0.702	1.019
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	64	5320	1	20.94	22.50	1.434	100.00	1.000	0.08	0.458	0.657
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4	normal	Simultaneous	58	5290	1	18.56	20.00	1.393	100.00	1.000	-0.07	0.187	0.261
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4	normal	Simultaneous	58	5290	1	18.56	20.00	1.393	100.00	1.000	-0.06	0.165	0.230
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Simultaneous	58	5290	1	18.56	20.00	1.393	100.00	1.000	0.05	0.270	0.376
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4	normal	Simultaneous	58	5290	1	18.56	20.00	1.393	100.00	1.000	-0.01	0.249	0.347
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5	normal	Standalone	116	5580	1	19.93	21.50	1.435	100.00	1.000	0.09	0.762	1.094
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Tilted	0mm	Ant 5	normal	Standalone	116	5580	1	19.93	21.50	1.435	100.00	1.000	-0.13	0.229	0.329
	WLAN5.5GHz	802.11n-HT20 MCS0	Left Cheek	0mm	Ant 5	normal	Standalone	116	5580	1	19.93	21.50	1.435	100.00	1.000	0.12	0.322	0.462
	WLAN5.5GHz	802.11n-HT20 MCS0	Left Tilted	0mm	Ant 5	normal	Standalone	116	5580	1	19.93	21.50	1.435	100.00	1.000	0.08	0.278	0.399
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5	normal	Standalone	100	5500	1	18.39	20.00	1.449	100.00	1.000	0.06	0.560	0.811
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5	normal	Standalone	132	5660	1	19.87	21.50	1.455	100.00	1.000	-0.01	0.725	1.055
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Cheek	0mm	Ant 5	normal	Standalone	140	5700	1	16.97	18.50	1.422	100.00	1.000	-0.08	0.417	0.593
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	normal	Simultaneous	106	5530	1	15.93	17.50	1.435	100.00	1.000	0.11	0.276	0.396
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	normal	Simultaneous	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.05	0.090	0.129
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	normal	Simultaneous	106	5530	1	15.93	17.50	1.435	100.00	1.000	0.12	0.145	0.208
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	normal	Simultaneous	106	5530	1	15.93	17.50	1.435	100.00	1.000	0.12	0.128	0.184
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	normal	Standalone	106	5530	1	14.59	16.00	1.384	100.00	1.000	-0.03	0.224	0.310
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	normal	Standalone	106	5530	1	14.59	16.00	1.384	100.00	1.000	0.13	0.231	0.320
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	106	5530	1	14.59	16.00	1.384	100.00	1.000	0.11	0.806	1.115
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	normal	Standalone	106	5530	1	14.59	16.00	1.384	100.00	1.000	-0.07	0.677	0.937
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	normal	Simultaneous	106	5530	1	10.71	12.00	1.346	100.00	1.000	-0.1	0.081	0.109
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	normal	Simultaneous	106	5530	1	10.71	12.00	1.346	100.00	1.000	-0.05	0.084	0.113
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	normal	Simultaneous	106	5530	1	10.71	12.00	1.346	100.00	1.000	-0.08	0.291	0.392
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	normal	Simultaneous	106	5530	1	10.71	12.00	1.346	100.00	1.000	0.01	0.242	0.326
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4	normal	Standalone	106	5530	1	17.97	19.50	1.422	100.00	1.000	0.05	0.303	0.431
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4	normal	Standalone	106	5530	1	17.97	19.50	1.422	100.00	1.000	-0.02	0.323	0.459
28	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	106	5530	1	17.97	19.50	1.422	100.00	1.000	-0.1	0.807	1.148
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	106	5530	2	17.97	19.50	1.422	100.00	1.000	0.12	0.683	0.971
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4	normal	Standalone	106	5530	1	17.97	19.50	1.422	100.00	1.000	-0.1	0.770	1.095
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4	normal	Simultaneous	106	5530	1	14.25	15.00	1.187	100.00	1.000	0.1	0.108	0.128
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4	normal	Simultaneous	106	5530	1	14.25	15.00	1.187	100.00	1.000	-0.1	0.119	0.141
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Simultaneous	106	5530	1	14.25	15.00	1.187	100.00	1.000	-0.13	0.346	0.411
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4	normal	Simultaneous	106	5530	1	14.25	15.00	1.187	100.00	1.000	-0.07	0.281	0.334
	WLAN5.8GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	149	5745	1	18.73	20.50	1.503	99.32	1.007	-0.02	0.664	1.005
	WLAN5.8GHz	802.11a 6Mbps	Right Tilted	0mm	Ant 5	normal	Standalone	149	5745	1	18.73	20.50	1.503	99.32	1.007	-0.1	0.208	0.315
	WLAN5.8GHz	802.11a 6Mbps	Left Cheek	0mm	Ant 5	normal	Standalone	149	5745	1	18.73	20.50	1.503	99.32	1.007	0.1	0.330	0.500
	WLAN5.8GHz	802.11a 6Mbps	Left Tilted	0mm	Ant 5	normal	Standalone	149	5745	1	18.73	20.50	1.503	99.32	1.007	0.06	0.316	0.478
	WLAN5.8GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	157	5785	1	18.71	20.50	1.510	99.32	1.007	-0.08	0.635	0.966
	WLAN5.8GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 5	normal	Standalone	165	5825	1	18.56	20.50	1.563	99.32	1.007	0.03	0.626	0.985
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	normal	Simultaneous	155	5775	1	14.42	16.00	1.439	100.00	1.000	0.01	0.243	0.350



FCC SAR Test Report

Report No. : FA391308

	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	normal	Simultaneous	155	5775	1	14.42	16.00	1.439	100.00	1.000	0.06	0.083	0.119
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	normal	Simultaneous	155	5775	1	14.42	16.00	1.439	100.00	1.000	0.03	0.135	0.194
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	normal	Simultaneous	155	5775	1	14.42	16.00	1.439	100.00	1.000	-0.03	0.126	0.181
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	normal	Standalone	155	5775	1	15.08	16.50	1.387	100.00	1.000	-0.13	0.218	0.302
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	normal	Standalone	155	5775	1	15.08	16.50	1.387	100.00	1.000	-0.11	0.229	0.318
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	normal	Standalone	155	5775	1	15.08	16.50	1.387	100.00	1.000	-0.04	0.731	1.014
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	normal	Standalone	155	5775	1	15.08	16.50	1.387	100.00	1.000	-0.11	0.670	0.929
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 4	normal	Simultaneous	155	5775	1	10.15	11.50	1.365	100.00	1.000	-0.13	0.071	0.097
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 4	normal	Simultaneous	155	5775	1	10.15	11.50	1.365	100.00	1.000	-0.01	0.079	0.108
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 4	normal	Simultaneous	155	5775	1	10.15	11.50	1.365	100.00	1.000	0.03	0.272	0.371
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 4	normal	Simultaneous	155	5775	1	10.15	11.50	1.365	100.00	1.000	-0.03	0.225	0.307
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4	normal	Standalone	155	5775	1	18.36	19.50	1.299	100.00	1.000	-0.08	0.311	0.404
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4	normal	Standalone	155	5775	1	18.36	19.50	1.299	100.00	1.000	-0.12	0.323	0.420
29	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Standalone	155	5775	1	18.36	19.50	1.299	100.00	1.000	-0.13	0.781	1.015
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4	normal	Standalone	155	5775	1	18.36	19.50	1.299	100.00	1.000	0.11	0.754	0.980
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4	normal	Simultaneous	155	5775	1	13.30	14.50	1.317	100.00	1.000	-0.09	0.100	0.132
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4	normal	Simultaneous	155	5775	1	13.30	14.50	1.317	100.00	1.000	0.02	0.123	0.162
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	Simultaneous	155	5775	1	13.30	14.50	1.317	100.00	1.000	-0.04	0.272	0.358
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4	normal	Simultaneous	155	5775	1	13.30	14.50	1.317	100.00	1.000	0.06	0.246	0.324



14.2 Hotspot SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																					
30	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 0	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.03	0.391	0.515
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 0	State 8	133297	680.5	2	24.80	26.00	1.318	-	-	0.01	0.388	0.511
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 0	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.05	0.351	0.463
	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	0.12	0.080	0.105
	LTE Band 71	20M	QPSK	1	49	-	Right Side	10mm	Ant 0	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.07	0.239	0.315
	LTE Band 71	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.08	0.276	0.364
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 0	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.09	0.295	0.393
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 0	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.07	0.280	0.373
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.12	0.069	0.092
	LTE Band 71	20M	QPSK	50	24	-	Right Side	10mm	Ant 0	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.09	0.196	0.261
	LTE Band 71	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.01	0.218	0.291
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.1	0.097	0.128
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	-0.05	0.093	0.123
	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	0.11	0.223	0.294
	LTE Band 71	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	133297	680.5	1	24.80	26.00	1.318	-	-	0.06	0.029	0.038
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	0.05	0.076	0.101
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.11	0.074	0.099
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	-0.07	0.181	0.241
	LTE Band 71	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	133297	680.5	1	23.75	25.00	1.334	-	-	0.03	0.021	0.028
31	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 0	State 8	23095	707.5	1	24.43	26.00	1.435	-	-	-0.12	0.272	0.390
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	State 8	23095	707.5	1	24.43	26.00	1.435	-	-	0.09	0.268	0.385
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	24.43	26.00	1.435	-	-	-0.08	0.061	0.088
	LTE Band 12	10M	QPSK	1	25	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	24.43	26.00	1.435	-	-	-0.06	0.171	0.245
	LTE Band 12	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	24.43	26.00	1.435	-	-	0.05	0.238	0.342
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 0	State 8	23095	707.5	1	23.48	25.00	1.419	-	-	-0.01	0.228	0.324
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 0	State 8	23095	707.5	1	23.48	25.00	1.419	-	-	0.08	0.240	0.341
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	23.48	25.00	1.419	-	-	-0.11	0.048	0.068
	LTE Band 12	10M	QPSK	25	12	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	23.48	25.00	1.419	-	-	-0.12	0.142	0.202
	LTE Band 12	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	23.48	25.00	1.419	-	-	-0.12	0.192	0.272
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	23095	707.5	1	21.95	23.50	1.429	-	-	0.06	0.121	0.173
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	23095	707.5	1	21.95	23.50	1.429	-	-	-0.07	0.114	0.163
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	21.95	23.50	1.429	-	-	0.03	0.218	0.311
	LTE Band 12	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	21.95	23.50	1.429	-	-	-0.1	0.021	0.030
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	23095	707.5	1	20.98	22.50	1.419	-	-	0.05	0.099	0.140
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	23095	707.5	1	20.98	22.50	1.419	-	-	0.01	0.089	0.126
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	20.98	22.50	1.419	-	-	-0.08	0.174	0.247
	LTE Band 12	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	20.98	22.50	1.419	-	-	-0.09	0.019	0.027
32	FR1 n71	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.12	0.353	0.484
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	0.07	0.332	0.455
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.08	0.076	0.104
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	0.12	0.238	0.326
	FR1 n71	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.05	0.243	0.333
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.12	0.312	0.437
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.13	0.301	0.421
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	-0.01	0.067	0.094
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.13	0.198	0.277
	FR1 n71	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.09	0.202	0.283
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.12	0.114	0.156
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.07	0.111	0.152
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.07	0.258	0.354



FCC SAR Test Report

Report No. : FA391308

	FR1 n71	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	136100	680.5	1	24.63	26.00	1.371	-	-	-0.06	0.023	0.032
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	-0.11	0.103	0.144
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.04	0.096	0.134
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	-0.08	0.223	0.312
	FR1 n71	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	136100	680.5	1	24.54	26.00	1.400	-	-	0.04	0.020	0.028
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	24.56	26.00	1.393	-	-	0.02	0.253	0.352
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	24.56	26.00	1.393	-	-	0.06	0.235	0.327
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	24.56	26.00	1.393	-	-	0.07	0.038	0.053
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	24.56	26.00	1.393	-	-	-0.1	0.139	0.194
	FR1 n12	15M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	24.56	26.00	1.393	-	-	-0.04	0.197	0.274
33	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	24.52	26.00	1.406	-	-	0.01	0.300	0.422
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	24.52	26.00	1.406	-	-	0.01	0.284	0.399
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	24.52	26.00	1.406	-	-	-0.13	0.045	0.063
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	24.52	26.00	1.406	-	-	-0.01	0.173	0.243
	FR1 n12	15M	QPSK	36	22	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	24.52	26.00	1.406	-	-	-0.12	0.261	0.367
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	22.58	24.00	1.387	-	-	-0.02	0.124	0.172
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	22.58	24.00	1.387	-	-	-0.12	0.121	0.168
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	22.58	24.00	1.387	-	-	0.07	0.218	0.302
	FR1 n12	15M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	22.58	24.00	1.387	-	-	0.07	0.019	0.026
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	22.55	24.00	1.396	-	-	0.12	0.127	0.177
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	22.55	24.00	1.396	-	-	0.02	0.123	0.172
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	22.55	24.00	1.396	-	-	0.02	0.221	0.309
	FR1 n12	15M	QPSK	36	22	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	22.55	24.00	1.396	-	-	0.06	0.020	0.028
835MHz																					
	GSM850	-	-	-	-	GPRS(2 Tx slots)	Front	10mm	Ant 0	State 8	189	836.4	1	28.28	30.00	1.486	-	-	0.12	0.176	0.262
34	GSM850	-	-	-	-	GPRS(2 Tx slots)	Back	10mm	Ant 0	State 8	189	836.4	1	28.28	30.00	1.486	-	-	0.02	0.269	0.400
	GSM850	-	-	-	-	GPRS(2 Tx slots)	Left Side	10mm	Ant 0	State 8	189	836.4	1	28.28	30.00	1.486	-	-	-0.03	0.033	0.049
	GSM850	-	-	-	-	GPRS(2 Tx slots)	Right Side	10mm	Ant 0	State 8	189	836.4	1	28.28	30.00	1.486	-	-	0.09	0.082	0.122
	GSM850	-	-	-	-	GPRS(2 Tx slots)	Bottom Side	10mm	Ant 0	State 8	189	836.4	1	28.28	30.00	1.486	-	-	-0.09	0.166	0.247
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	State 8	4182	836.4	1	22.76	24.00	1.330	-	-	-0.13	0.343	0.456
35	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	State 8	4182	836.4	1	22.76	24.00	1.330	-	-	-0.06	0.374	0.498
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	State 8	4182	836.4	1	22.76	24.00	1.330	-	-	0.02	0.053	0.071
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 0	State 8	4182	836.4	1	22.76	24.00	1.330	-	-	-0.05	0.183	0.243
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	State 8	4182	836.4	1	22.76	24.00	1.330	-	-	0.1	0.320	0.426
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 2	State 8	4182	836.4	1	20.74	22.00	1.337	-	-	0.02	0.115	0.154
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 2	State 8	4182	836.4	1	20.74	22.00	1.337	-	-	0.04	0.106	0.142
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 2	State 8	4182	836.4	1	20.74	22.00	1.337	-	-	-0.01	0.142	0.190
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 2	State 8	4182	836.4	1	20.74	22.00	1.337	-	-	0.05	0.012	0.016
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 0	State 8	26865	831.5	1	22.86	24.50	1.459	-	-	-0.06	0.334	0.487
36	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	State 8	26865	831.5	1	22.86	24.50	1.459	-	-	0.03	0.353	0.515
	LTE Band 5B	10M	QPSK	1	0	-	Back	10mm	Ant 0	State 8	20575 20476	836.5 831.6	1	22.65	24.50	1.531	-	-	0.05	0.325	0.498
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 0	State 8	26865	831.5	1	22.86	24.50	1.459	-	-	-0.04	0.050	0.073
	LTE Band 26	15M	QPSK	1	37	-	Right Side	10mm	Ant 0	State 8	26865	831.5	1	22.86	24.50	1.459	-	-	0.09	0.166	0.242
	LTE Band 26	15M	QPSK	1	37	-	Bottom Side	10mm	Ant 0	State 8	26865	831.5	1	22.86	24.50	1.459	-	-	-0.06	0.313	0.457
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 0	State 8	26865	831.5	1	21.92	23.50	1.439	-	-	0.09	0.275	0.396
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	State 8	26865	831.5	1	21.92	23.50	1.439	-	-	-0.06	0.292	0.420
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 0	State 8	26865	831.5	1	21.92	23.50	1.439	-	-	0.01	0.046	0.066
	LTE Band 26	15M	QPSK	36	20	-	Right Side	10mm	Ant 0	State 8	26865	831.5	1	21.92	23.50	1.439	-	-	0.06	0.142	0.204
	LTE Band 26	15M	QPSK	36	20	-	Bottom Side	10mm	Ant 0	State 8	26865	831.5	1	21.92	23.50	1.439	-	-	0.08	0.253	0.364
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 2	State 8	26865	831.5	1	20.50	22.00	1.413	-	-	0.04	0.103	0.145
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 2	State 8	26865	831.5	1	20.50	22.00	1.413	-	-	0.1	0.095	0.134
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 2	State 8	26865	831.5	1	20.50	22.00	1.413	-	-	-0.03	0.134	0.189
	LTE Band 5B	10M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	20575 20476	836.5 831.6	1	20.38	22.00	1.452	-	-	0.11	0.122	0.177
	LTE Band 26	15M	QPSK	1	37	-	Top Side	10mm	Ant 2	State 8	26865	831.5	1	20.50	22.00	1.413	-	-	-0.1	0.017	0.024
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 2	State 8	26865	831.5	1	19.55	21.00	1.396	-	-	-0.02	0.086	0.120



FCC SAR Test Report

Report No. : FA391308

	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 2	State 8	26865	831.5	1	19.55	21.00	1.396	-	-	-0.04	0.077	0.108
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 2	State 8	26865	831.5	1	19.55	21.00	1.396	-	-	-0.05	0.109	0.152
	LTE Band 26	15M	QPSK	36	20	-	Top Side	10mm	Ant 2	State 8	26865	831.5	1	19.55	21.00	1.396	-	-	-0.04	0.014	0.020
	FR1 n26	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	166300	831.5	1	23.18	24.50	1.355	-	-	0.13	0.291	0.394
	FR1 n26	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	166300	831.5	1	23.18	24.50	1.355	-	-	0.04	0.298	0.404
	FR1 n26	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	166300	831.5	1	23.18	24.50	1.355	-	-	-0.06	0.043	0.058
	FR1 n26	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	166300	831.5	1	23.18	24.50	1.355	-	-	0	0.144	0.195
	FR1 n26	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	166300	831.5	1	23.18	24.50	1.355	-	-	-0.11	0.267	0.362
	FR1 n26	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	State 8	166300	831.5	1	23.15	24.50	1.365	-	-	0.06	0.319	0.435
37	FR1 n26	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	State 8	166300	831.5	1	23.15	24.50	1.365	-	-	0.06	0.322	0.439
	FR1 n26	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	State 8	166300	831.5	1	23.15	24.50	1.365	-	-	-0.13	0.047	0.064
	FR1 n26	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	State 8	166300	831.5	1	23.15	24.50	1.365	-	-	0.1	0.157	0.214
	FR1 n26	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	State 8	166300	831.5	1	23.15	24.50	1.365	-	-	-0.12	0.289	0.394
	FR1 n26	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	166300	831.5	1	21.18	22.50	1.355	-	-	0.09	0.096	0.130
	FR1 n26	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	166300	831.5	1	21.18	22.50	1.355	-	-	0.02	0.083	0.112
	FR1 n26	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	166300	831.5	1	21.18	22.50	1.355	-	-	0.08	0.134	0.182
	FR1 n26	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	166300	831.5	1	21.18	22.50	1.355	-	-	0.04	0.013	0.018
	FR1 n26	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	166300	831.5	1	21.15	22.50	1.365	-	-	0.08	0.101	0.138
	FR1 n26	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	166300	831.5	1	21.15	22.50	1.365	-	-	0.02	0.088	0.120
	FR1 n26	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	166300	831.5	1	21.15	22.50	1.365	-	-	0.11	0.139	0.190
	FR1 n26	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	166300	831.5	1	21.15	22.50	1.365	-	-	0.08	0.015	0.020
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	State 8	1413	1732.6	1	24.10	25.00	1.230	-	-	-0.12	0.415	0.511
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	State 8	1413	1732.6	1	24.10	25.00	1.230	-	-	0.11	0.486	0.598
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	State 8	1413	1732.6	1	24.10	25.00	1.230	-	-	-0.09	0.550	0.677
38	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 1	State 8	1413	1732.6	1	24.10	25.00	1.230	-	-	-0.02	0.581	0.715
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 2	State 8	1413	1732.6	1	15.36	16.50	1.300	-	-	0.01	0.118	0.153
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 2	State 8	1413	1732.6	1	15.36	16.50	1.300	-	-	0.09	0.099	0.129
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 2	State 8	1413	1732.6	1	15.36	16.50	1.300	-	-	-0.02	0.272	0.354
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 2	State 8	1413	1732.6	1	15.36	16.50	1.300	-	-	-0.12	0.025	0.033
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	132322	1745	1	23.98	25.00	1.265	-	-	-0.03	0.425	0.538
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	132322	1745	1	23.98	25.00	1.265	-	-	-0.1	0.462	0.584
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	23.98	25.00	1.265	-	-	-0.11	0.479	0.606
39	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	23.98	25.00	1.265	-	-	-0.11	0.500	0.632
	LTE Band 66C	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 1	State 8	132322 132520	1745 1764.8	1	23.60	25.00	1.380	-	-	0.03	0.446	0.616
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	132322	1745	1	23.04	24.00	1.247	-	-	-0.1	0.349	0.435
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	132322	1745	1	23.04	24.00	1.247	-	-	-0.02	0.371	0.463
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	23.04	24.00	1.247	-	-	-0.1	0.398	0.496
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	23.04	24.00	1.247	-	-	0.03	0.423	0.528
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	132322	1745	1	15.38	16.50	1.294	-	-	0.09	0.107	0.138
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	132322	1745	1	15.38	16.50	1.294	-	-	0.02	0.095	0.123
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	15.38	16.50	1.294	-	-	0.11	0.229	0.296
	LTE Band 66C	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	132322 132520	1745 1764.8	1	15.18	16.50	1.355	-	-	-0.12	0.211	0.286
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	15.38	16.50	1.294	-	-	-0.1	0.041	0.053
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	132322	1745	1	14.35	15.50	1.303	-	-	0.05	0.086	0.112
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	132322	1745	1	14.35	15.50	1.303	-	-	-0.07	0.074	0.096
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	14.35	15.50	1.303	-	-	0.07	0.177	0.231
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	14.35	15.50	1.303	-	-	-0.12	0.035	0.046
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	132322	1745	1	20.09	21.50	1.384	-	-	0.02	0.055	0.076
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	132322	1745	1	20.09	21.50	1.384	-	-	-0.09	0.081	0.112
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	20.09	21.50	1.384	-	-	0.02	0.035	0.048
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	20.09	21.50	1.384	-	-	-0.09	0.026	0.036
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	132322	1745	1	19.09	20.50	1.384	-	-	0.03	0.044	0.061
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	132322	1745	1	19.09	20.50	1.384	-	-	0.12	0.066	0.091
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	19.09	20.50	1.384	-	-	-0.07	0.028	0.039



FCC SAR Test Report

Report No. : FA391308

	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	19.09	20.50	1.384	-	-	0.08	0.021	0.029
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	24.53	25.00	1.114	-	-	0.06	0.488	0.544
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	24.53	25.00	1.114	-	-	0.09	0.531	0.592
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	24.53	25.00	1.114	-	-	-0.03	0.630	0.702
40	FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	24.53	25.00	1.114	-	-	-0.05	0.698	0.778
	FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	2	24.53	25.00	1.114	-	-	0.03	0.637	0.710
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	24.36	25.00	1.159	-	-	0.13	0.446	0.517
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	24.36	25.00	1.159	-	-	-0.03	0.509	0.590
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	24.36	25.00	1.159	-	-	0.01	0.553	0.641
	FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	24.36	25.00	1.159	-	-	0.08	0.631	0.731
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	16.56	17.00	1.107	-	-	-0.02	0.128	0.142
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	16.56	17.00	1.107	-	-	-0.11	0.112	0.124
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	16.56	17.00	1.107	-	-	0.08	0.298	0.330
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	16.56	17.00	1.107	-	-	0.03	0.043	0.048
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	16.52	17.00	1.117	-	-	-0.01	0.131	0.146
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	16.52	17.00	1.117	-	-	-0.01	0.123	0.137
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	16.52	17.00	1.117	-	-	0.11	0.312	0.348
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	16.52	17.00	1.117	-	-	0.04	0.060	0.067
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	22.95	24.50	1.429	-	-	-0.05	0.058	0.083
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	22.95	24.50	1.429	-	-	0.02	0.087	0.124
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	22.95	24.50	1.429	-	-	-0.13	0.056	0.080
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	22.95	24.50	1.429	-	-	0.04	0.019	0.027
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	22.90	24.50	1.445	-	-	-0.07	0.054	0.078
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	22.90	24.50	1.445	-	-	0.13	0.085	0.123
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	22.90	24.50	1.445	-	-	0	0.051	0.074
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	22.90	24.50	1.445	-	-	0.12	0.017	0.025
1900MHz																					
	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Front	10mm	Ant 1	State 8	661	1880	1	29.89	31.00	1.291	-	-	-0.08	0.293	0.378
41	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Back	10mm	Ant 1	State 8	661	1880	1	29.89	31.00	1.291	-	-	-0.13	0.343	0.443
	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Left Side	10mm	Ant 1	State 8	661	1880	1	29.89	31.00	1.291	-	-	0.06	0.314	0.405
	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Bottom Side	10mm	Ant 1	State 8	661	1880	1	29.89	31.00	1.291	-	-	0.03	0.338	0.436
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	State 8	9400	1880	1	22.53	23.50	1.250	-	-	-0.03	0.297	0.371
42	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	State 8	9400	1880	1	22.53	23.50	1.250	-	-	-0.07	0.371	0.464
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	State 8	9400	1880	1	22.53	23.50	1.250	-	-	0.04	0.318	0.398
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 1	State 8	9400	1880	1	22.53	23.50	1.250	-	-	0.04	0.335	0.419
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 2	State 8	9400	1880	1	14.98	16.00	1.265	-	-	0.13	0.089	0.113
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 2	State 8	9400	1880	1	14.98	16.00	1.265	-	-	0.03	0.083	0.105
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 2	State 8	9400	1880	1	14.98	16.00	1.265	-	-	-0.08	0.223	0.282
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 2	State 8	9400	1880	1	14.98	16.00	1.265	-	-	0.02	0.014	0.018
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	26340	1880	1	22.38	23.50	1.294	-	-	-0.03	0.273	0.353
43	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	26340	1880	1	22.38	23.50	1.294	-	-	0.13	0.511	0.661
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	26340	1880	1	22.38	23.50	1.294	-	-	-0.01	0.303	0.392
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	26340	1880	1	22.38	23.50	1.294	-	-	-0.11	0.454	0.588
	LTE Band 2C	20M	QPSK	1	0	-	Back	10mm	Ant 1	State 8	18900 19098	1860 1879.8	1	22.03	23.50	1.403	-	-	0.05	0.333	0.467
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	26340	1880	1	21.31	22.50	1.315	-	-	-0.07	0.223	0.293
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	26340	1880	1	21.31	22.50	1.315	-	-	-0.12	0.376	0.495
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	26340	1880	1	21.31	22.50	1.315	-	-	-0.02	0.244	0.321
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	26340	1880	1	21.31	22.50	1.315	-	-	-0.1	0.372	0.489
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	26340	1880	1	15.78	17.00	1.324	-	-	-0.03	0.105	0.139
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	26340	1880	1	15.78	17.00	1.324	-	-	0.01	0.099	0.131
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	26340	1880	1	15.78	17.00	1.324	-	-	0.06	0.242	0.320
	LTE Band 2C	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	18900 19098	1880 1899.8	1	15.33	17.00	1.469	-	-	0.05	0.213	0.313
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	26340	1880	1	15.78	17.00	1.324	-	-	0.1	0.021	0.028
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	26340	1880	1	14.75	16.00	1.334	-	-	-0.04	0.083	0.111
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	26340	1880	1	14.75	16.00	1.334	-	-	0.01	0.077	0.103



FCC SAR Test Report

Report No. : FA391308

	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	26340	1880	1	14.75	16.00	1.334	-	-	-0.1	0.196	0.261
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	26340	1880	1	14.75	16.00	1.334	-	-	-0.13	0.017	0.023
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	26340	1880	1	19.08	20.50	1.387	-	-	-0.09	0.084	0.116
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	26340	1880	1	19.08	20.50	1.387	-	-	0.06	0.156	0.216
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	26340	1880	1	19.08	20.50	1.387	-	-	-0.1	0.016	0.022
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	26340	1880	1	19.08	20.50	1.387	-	-	-0.05	0.147	0.204
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	26340	1880	1	18.09	19.50	1.384	-	-	0	0.067	0.093
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	26340	1880	1	18.09	19.50	1.384	-	-	-0.01	0.126	0.174
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	26340	1880	1	18.09	19.50	1.384	-	-	-0.07	0.013	0.018
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	26340	1880	1	18.09	19.50	1.384	-	-	-0.1	0.122	0.169
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	376500	1882.5	1	23.05	23.50	1.109	-	-	-0.1	0.299	0.332
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	376500	1882.5	1	23.05	23.50	1.109	-	-	-0.08	0.431	0.478
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	376500	1882.5	1	23.05	23.50	1.109	-	-	-0.12	0.362	0.402
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	376500	1882.5	1	23.05	23.50	1.109	-	-	-0.12	0.373	0.414
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	376500	1882.5	1	23.02	23.50	1.117	-	-	-0.06	0.301	0.336
44	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	376500	1882.5	1	23.02	23.50	1.117	-	-	0.13	0.462	0.516
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	376500	1882.5	1	23.02	23.50	1.117	-	-	0.04	0.380	0.424
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	376500	1882.5	1	23.02	23.50	1.117	-	-	-0.07	0.376	0.420
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	376500	1882.5	1	16.53	17.00	1.114	-	-	0.1	0.109	0.121
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	376500	1882.5	1	16.53	17.00	1.114	-	-	-0.07	0.103	0.115
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	376500	1882.5	1	16.53	17.00	1.114	-	-	-0.08	0.255	0.284
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	376500	1882.5	1	16.53	17.00	1.114	-	-	-0.06	0.041	0.046
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	376500	1882.5	1	16.50	17.00	1.122	-	-	0.01	0.114	0.128
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	376500	1882.5	1	16.50	17.00	1.122	-	-	-0.09	0.109	0.122
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	376500	1882.5	1	16.50	17.00	1.122	-	-	0.09	0.285	0.320
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	376500	1882.5	1	16.50	17.00	1.122	-	-	-0.09	0.045	0.050
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	21.05	22.50	1.396	-	-	0.07	0.078	0.109
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	21.05	22.50	1.396	-	-	0.13	0.118	0.165
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	21.05	22.50	1.396	-	-	-0.03	0.071	0.099
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	21.05	22.50	1.396	-	-	-0.06	0.087	0.121
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	21.02	22.50	1.406	-	-	0.05	0.084	0.118
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	21.02	22.50	1.406	-	-	0.08	0.128	0.180
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	21.02	22.50	1.406	-	-	0.04	0.078	0.110
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	21.02	22.50	1.406	-	-	-0.08	0.102	0.143
2300MHz																					
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-	-	-0.03	0.103	0.120
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-	-	0.04	0.132	0.154
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-	-	0.02	0.233	0.272
	LTE Band 30	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-	-	-0.08	0.073	0.085
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	-	-	-0.07	0.092	0.107
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	-	-	0.01	0.112	0.131
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	-	-	0.06	0.186	0.217
	LTE Band 30	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	-	-	0.11	0.059	0.069
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	27710	2310	1	15.70	16.00	1.072	-	-	0.01	0.208	0.223
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	27710	2310	1	15.70	16.00	1.072	-	-	0.04	0.231	0.248
45	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	15.70	16.00	1.072	-	-	-0.18	0.629	0.674
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	15.70	16.00	1.072	-	-	0.12	0.019	0.020
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	27710	2310	1	14.65	15.00	1.084	-	-	0.07	0.167	0.181
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	27710	2310	1	14.65	15.00	1.084	-	-	0.09	0.187	0.203
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	14.65	15.00	1.084	-	-	0.11	0.497	0.539
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	14.65	15.00	1.084	-	-	0.13	0.016	0.017
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 7	State 8	27710	2310	1	18.40	20.00	1.445	-	-	0.1	0.098	0.142
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 7	State 8	27710	2310	1	18.40	20.00	1.445	-	-	-0.02	0.140	0.202
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 7	State 8	27710	2310	1	18.40	20.00	1.445	-	-	0.09	0.030	0.043
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 7	State 8	27710	2310	1	18.40	20.00	1.445	-	-	0.04	0.286	0.413
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 7	State 8	27710	2310	1	17.42	19.00	1.439	-	-	0.11	0.080	0.115



FCC SAR Test Report

Report No. : FA391308

	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 7	State 8	27710	2310	1	17.42	19.00	1.439	-	-	-0.02	0.113	0.163
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 7	State 8	27710	2310	1	17.42	19.00	1.439	-	-	-0.01	0.025	0.036
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 7	State 8	27710	2310	1	17.42	19.00	1.439	-	-	-0.11	0.229	0.329
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-	-	-0.02	0.114	0.152
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-	-	0.13	0.158	0.211
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-	-	0.05	0.250	0.333
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-	-	-0.02	0.091	0.121
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	-	-	0.08	0.097	0.130
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	-	-	0.1	0.137	0.184
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	-	-	0.13	0.215	0.289
	FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	-	-	-0.07	0.088	0.118
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	14.78	16.00	1.324	-	-	0.1	0.135	0.179
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	14.78	16.00	1.324	-	-	-0.1	0.139	0.184
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	14.78	16.00	1.324	-	-	0.03	0.346	0.458
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	14.78	16.00	1.324	-	-	0.1	0.015	0.020
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	14.75	16.00	1.334	-	-	-0.02	0.138	0.184
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	14.75	16.00	1.334	-	-	0.01	0.142	0.189
46	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	14.75	16.00	1.334	-	-	-0.02	0.359	0.479
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	14.75	16.00	1.334	-	-	0.03	0.018	0.024
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	18.35	20.00	1.462	-	-	0.01	0.071	0.104
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	18.35	20.00	1.462	-	-	-0.03	0.081	0.118
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	18.35	20.00	1.462	-	-	-0.12	0.053	0.077
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	18.35	20.00	1.462	-	-	0.06	0.204	0.298
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	18.33	20.00	1.469	-	-	0.09	0.068	0.100
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	18.33	20.00	1.469	-	-	-0.06	0.083	0.122
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	18.33	20.00	1.469	-	-	0.03	0.053	0.078
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	18.33	20.00	1.469	-	-	-0.11	0.215	0.316
2600MHz																					
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	21100	2535	1	21.69	23.00	1.352	-	-	0.05	0.333	0.450
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	21100	2535	1	21.69	23.00	1.352	-	-	-0.13	0.420	0.568
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	21.69	23.00	1.352	-	-	0.07	0.607	0.821
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	21.69	23.00	1.352	-	-	-0.11	0.158	0.214
47	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	20850	2510	1	21.65	23.00	1.365	-	-	0.08	0.611	0.834
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	State 8	20850 21048	2510 2529.8	1	21.48	23.00	1.419	-	-	0.15	0.580	0.823
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	21350	2560	1	21.63	23.00	1.371	-	-	0.01	0.606	0.831
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	21100	2535	1	20.70	22.00	1.349	-	-	-0.06	0.267	0.360
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	21100	2535	1	20.70	22.00	1.349	-	-	0.11	0.356	0.480
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	20.70	22.00	1.349	-	-	0.07	0.548	0.739
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	20.70	22.00	1.349	-	-	-0.07	0.157	0.212
	LTE Band 7	20M	QPSK	100	0	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	20.68	22.00	1.355	-	-	0.13	0.571	0.774
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	21100	2535	1	15.25	16.50	1.334	-	-	0.06	0.116	0.155
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	21100	2535	1	15.25	16.50	1.334	-	-	-0.13	0.125	0.167
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	15.25	16.50	1.334	-	-	-0.05	0.369	0.492
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	21100 21298	2535 2554.8	1	15.15	16.50	1.365	-	-	-0.11	0.356	0.486
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	15.25	16.50	1.334	-	-	-0.05	0.019	0.025
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	21100	2535	1	14.26	15.50	1.330	-	-	0.03	0.098	0.130
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	21100	2535	1	14.26	15.50	1.330	-	-	0.07	0.109	0.145
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	14.26	15.50	1.330	-	-	0.08	0.289	0.385
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	14.26	15.50	1.330	-	-	0.05	0.015	0.020
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.03	0.203	0.230
	LTE Band 41	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.1	0.296	0.336
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.12	0.530	0.601
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.09	0.137	0.155
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	39750	2506	1	24.23	25.00	1.194	62.9	1.006	0.05	0.497	0.597
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	40185	2549.5	1	24.08	25.00	1.236	62.9	1.006	0.12	0.508	0.632



FCC SAR Test Report

Report No. : FA391308

	LTE Band 41C	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	State 8	40185 40383	2549.5 2569.3	1	24.11	25.00	1.227	62.9	1.006	-0.03	0.499	0.616
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	40620	2593	1	24.06	25.00	1.242	62.9	1.006	-0.07	0.504	0.630
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	41490	2680	1	24.05	25.00	1.245	62.9	1.006	-0.09	0.497	0.622
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	40185	2549.5	1	26.04	27.50	1.400	42.9	1.009	0.05	0.495	0.699
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	State 8	40185 40383	2549.5 2569.3	1	26.03	27.50	1.403	42.9	1.009	0.11	0.488	0.691
	LTE Band 41	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.02	0.168	0.202
	LTE Band 41	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.1	0.245	0.294
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.13	0.429	0.515
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.04	0.116	0.139
	LTE Band 41	20M	QPSK	100	0	-	Left Side	10mm	Ant 1	State 8	41055	2636.5	1	23.11	24.00	1.227	62.9	1.006	0.02	0.411	0.508
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	41055	2636.5	1	16.78	17.50	1.180	62.9	1.006	0.02	0.053	0.063
	LTE Band 41	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	41055	2636.5	1	16.78	17.50	1.180	62.9	1.006	0.08	0.068	0.081
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	41055	2636.5	1	16.78	17.50	1.180	62.9	1.006	0.05	0.181	0.215
	LTE Band 41C	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	41055 41253	2636.5 2656.3	1	16.48	17.50	1.265	62.9	1.006	-0.15	0.165	0.210
	LTE Band 41	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	41055	2636.5	1	16.78	17.50	1.180	62.9	1.006	-0.03	0.016	0.019
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	41055	2636.5	1	18.45	20.00	1.429	42.9	1.009	0.03	0.185	0.267
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	State 8	41055 41253	2636.5 2656.3	1	18.33	20.00	1.469	42.9	1.009	0.06	0.162	0.240
	LTE Band 41	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	41055	2636.5	1	15.83	16.50	1.167	62.9	1.006	0.01	0.043	0.050
	LTE Band 41	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	41055	2636.5	1	15.83	16.50	1.167	62.9	1.006	-0.05	0.057	0.067
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	41055	2636.5	1	15.83	16.50	1.167	62.9	1.006	-0.05	0.143	0.168
	LTE Band 41	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	41055	2636.5	1	15.83	16.50	1.167	62.9	1.006	0.06	0.013	0.015
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.09	0.595	0.675
	LTE Band 41	20M	QPSK	1	49	-	Back	10mm	Ant 8	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.05	0.402	0.456
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.05	0.908	1.030
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	39750	2506	1	24.23	25.00	1.194	62.9	1.006	-0.03	0.709	0.852
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	40185	2549.5	1	24.08	25.00	1.236	62.9	1.006	-0.02	0.608	0.756
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	40620	2593	1	24.06	25.00	1.242	62.9	1.006	0.02	0.607	0.758
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	41490	2680	1	24.05	25.00	1.245	62.9	1.006	-0.03	0.574	0.719
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	39750	2506	1	24.23	25.00	1.194	62.9	1.006	0.08	0.886	1.064
	LTE Band 41C	20M	QPSK	1	0	-	Left Side	10mm	Ant 8	State 8	39750 39948	2506 2525.8	1	23.96	25.00	1.271	62.9	1.006	-0.05	0.829	1.060
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	40185	2549.5	1	24.08	25.00	1.236	62.9	1.006	0.05	0.849	1.056
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	40620	2593	1	24.06	25.00	1.242	62.9	1.006	0.09	0.841	1.050
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	41490	2680	1	24.05	25.00	1.245	62.9	1.006	-0.1	0.837	1.048
48	LTE Band 41-HPUE	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	39750	2506	1	25.92	27.50	1.439	42.9	1.009	0.08	0.815	1.183
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Left Side	10mm	Ant 8	State 8	39750 39948	2506 2525.8	1	25.93	27.50	1.435	42.9	1.009	0.06	0.776	1.124
	LTE Band 41	20M	QPSK	50	24	-	Front	10mm	Ant 8	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.13	0.492	0.591
	LTE Band 41	20M	QPSK	50	24	-	Back	10mm	Ant 8	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.11	0.336	0.404
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.13	0.764	0.918
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	39750	2506	1	22.95	24.00	1.274	62.9	1.006	-0.09	0.772	0.989
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	40185	2549.5	1	23.11	24.00	1.227	62.9	1.006	0.02	0.739	0.913
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	40620	2593	1	23.15	24.00	1.216	62.9	1.006	0.08	0.724	0.886
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	41490	2680	1	23.05	24.00	1.245	62.9	1.006	-0.04	0.712	0.891
	LTE Band 41	20M	QPSK	100	0	-	Front	10mm	Ant 8	State 8	41055	2636.5	1	23.11	24.00	1.227	62.9	1.006	0.07	0.488	0.603
	LTE Band 41	20M	QPSK	100	0	-	Left Side	10mm	Ant 8	State 8	41055	2636.5	1	23.11	24.00	1.227	62.9	1.006	0.01	0.741	0.915
	LTE Band 41	20M	QPSK	1	49	-	Front	10mm	Ant 9	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.05	0.034	0.039
	LTE Band 41	20M	QPSK	1	49	-	Back	10mm	Ant 9	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.05	0.099	0.112
	LTE Band 41C	20M	QPSK	1	0	-	Back	10mm	Ant 9	State 8	41055 41253	2636.5 2656.3	1	23.90	25.00	1.288	62.9	1.006	-0.12	0.084	0.109
	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 9	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.1	0.021	0.024
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 9	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.11	0.044	0.050
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Back	10mm	Ant 9	State 8	41055	2636.5	1	26.13	27.50	1.371	42.9	1.009	-0.02	0.091	0.126
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Back	10mm	Ant 9	State 8	41055 41253	2636.5 2656.3	1	25.86	27.50	1.459	42.9	1.009	0.06	0.065	0.096
	LTE Band 41	20M	QPSK	50	24	-	Front	10mm	Ant 9	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.1	0.029	0.035
	LTE Band 41	20M	QPSK	50	24	-	Back	10mm	Ant 9	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.07	0.091	0.109
	LTE Band 41	20M	QPSK	50	24	-	Left Side	10mm	Ant 9	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.12	0.017	0.020



FCC SAR Test Report

Report No. : FA391308

	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 9	State 8	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.02	0.035	0.042
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	507000	2535	1	23.92	25.00	1.282	-	-	0.1	0.379	0.486
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	507000	2535	1	23.92	25.00	1.282	-	-	-0.01	0.500	0.641
49	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	507000	2535	1	23.92	25.00	1.282	-	-	-0.06	0.807	1.035
	FR1 n7	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	507000	2535	1	23.92	25.00	1.282	-	-	-0.11	0.282	0.362
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	507000	2535	1	23.83	25.00	1.309	-	-	0.1	0.348	0.456
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	507000	2535	1	23.83	25.00	1.309	-	-	0	0.508	0.665
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	507000	2535	1	23.83	25.00	1.309	-	-	-0.05	0.786	1.029
	FR1 n7	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	507000	2535	1	23.83	25.00	1.309	-	-	0.13	0.260	0.340
	FR1 n7	40M	QPSK	216	0	DFT-15	Left Side	10mm	Ant 1	State 8	507000	2535	1	23.03	24.00	1.250	-	-	-0.11	0.778	0.973
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	507000	2535	1	14.95	16.00	1.274	-	-	0.09	0.119	0.152
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	507000	2535	1	14.95	16.00	1.274	-	-	-0.12	0.142	0.181
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	507000	2535	1	14.95	16.00	1.274	-	-	0.12	0.339	0.432
	FR1 n7	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	507000	2535	1	14.95	16.00	1.274	-	-	0.11	0.025	0.032
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	507000	2535	1	14.93	16.00	1.279	-	-	0.02	0.111	0.142
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	507000	2535	1	14.93	16.00	1.279	-	-	-0.1	0.139	0.178
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	507000	2535	1	14.93	16.00	1.279	-	-	-0.03	0.324	0.415
	FR1 n7	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	507000	2535	1	14.93	16.00	1.279	-	-	0.12	0.023	0.029
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	21.10	22.50	1.380	-	-	0.02	0.243	0.335
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	21.10	22.50	1.380	-	-	0.09	0.313	0.432
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	21.10	22.50	1.380	-	-	-0.12	0.470	0.649
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	21.10	22.50	1.380	-	-	-0.07	0.153	0.211
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	23.88	25.00	1.294	50	1.000	0.1	0.462	0.598
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	21.08	22.50	1.387	-	-	-0.02	0.211	0.293
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	21.08	22.50	1.387	-	-	-0.11	0.252	0.349
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	21.08	22.50	1.387	-	-	0.13	0.423	0.587
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	21.08	22.50	1.387	-	-	0.06	0.128	0.178
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	21.05	22.50	1.396	-	-	0.06	0.415	0.579
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	15.15	16.50	1.365	-	-	0.09	0.127	0.173
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	15.15	16.50	1.365	-	-	-0.01	0.151	0.206
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	15.15	16.50	1.365	-	-	0.09	0.385	0.525
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	15.15	16.50	1.365	-	-	0.06	0.026	0.035
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	17.90	19.00	1.288	50	1.000	-0.06	0.398	0.513
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	15.12	16.50	1.374	-	-	0.01	0.113	0.155
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	15.12	16.50	1.374	-	-	0.01	0.139	0.191
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	15.12	16.50	1.374	-	-	0.03	0.335	0.460
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	15.12	16.50	1.374	-	-	-0.01	0.024	0.033
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	18.60	20.00	1.380	-	-	0.06	0.421	0.581
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	18.60	20.00	1.380	-	-	0.01	0.284	0.392
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	18.60	20.00	1.380	-	-	0.06	0.811	1.119
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	18.56	20.00	1.393	-	-	0.1	0.433	0.603
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	18.56	20.00	1.393	-	-	-0.05	0.288	0.401
50	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	18.56	20.00	1.393	-	-	0.06	0.851	1.186
	FR1 n41-AeroActive cooler	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	18.56	20.00	1.393	-	-	0.12	0.662	0.922
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	2	18.56	20.00	1.393	-	-	0.03	0.673	0.938
	FR1 n41-HPUE	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	21.35	22.50	1.303	50	1.000	0.12	0.873	1.138
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	18.53	20.00	1.403	-	-	-0.13	0.416	0.584
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	18.53	20.00	1.403	-	-	0.11	0.678	0.951
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	23.59	25.00	1.384	-	-	0.04	0.031	0.043
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	23.59	25.00	1.384	-	-	-0.12	0.109	0.151
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	23.59	25.00	1.384	-	-	-0.07	0.019	0.026
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	23.59	25.00	1.384	-	-	0.08	0.041	0.057
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	26.36	27.50	1.300	50	1.000	-0.1	0.106	0.138
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	23.41	25.00	1.442	-	-	0.09	0.023	0.033
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	23.41	25.00	1.442	-	-	0.09	0.101	0.146
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	23.41	25.00	1.442	-	-	-0.11	0.019	0.027



FCC SAR Test Report

Report No. : FA391308

	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	23.41	25.00	1.442	-	-	0.01	0.039	0.056
3500MHz-3900MHz																					
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 8	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	0.11	0.225	0.324
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 8	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	0.1	0.196	0.282
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.08	0.597	0.860
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	55340	3560	1	23.35	25.00	1.462	62.9	1.006	0.08	0.489	0.719
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	56150	3641	1	23.30	25.00	1.479	62.9	1.006	-0.07	0.567	0.844
51	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	56640	3690	1	23.26	25.00	1.493	62.9	1.006	0.06	0.628	0.943
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	56640	3690	2	23.26	25.00	1.493	62.9	1.006	-0.03	0.587	0.882
	LTE Band 48C	20M	QPSK	1	0	-	Left Side	10mm	Ant 8	State 8	56640 56442	3690 3670.2	1	17.20	18.50	1.349	62.9	1.006	0.11	0.135	0.183
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 8	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.07	0.178	0.259
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 8	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.11	0.157	0.228
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.05	0.439	0.638
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	55340	3560	1	22.33	24.00	1.469	62.9	1.006	-0.03	0.403	0.596
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	56150	3641	1	22.28	24.00	1.486	62.9	1.006	0.06	0.468	0.700
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 8	State 8	56640	3690	1	22.23	24.00	1.503	62.9	1.006	0.09	0.519	0.785
	LTE Band 48	20M	QPSK	100	0	-	Left Side	10mm	Ant 8	State 8	55830	3609	1	22.28	24.00	1.486	62.9	1.006	0.07	0.441	0.659
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 9	State 8	55830	3609	1	20.38	22.00	1.452	62.9	1.006	-0.09	0.045	0.066
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 9	State 8	55830	3609	1	20.38	22.00	1.452	62.9	1.006	0.05	0.340	0.497
	LTE Band 48C	20M	QPSK	1	0	-	Back	10mm	Ant 9	State 8	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	-0.02	0.142	0.184
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 9	State 8	55830	3609	1	20.38	22.00	1.452	62.9	1.006	-0.07	0.042	0.061
	LTE Band 48	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 9	State 8	55830	3609	1	20.38	22.00	1.452	62.9	1.006	0.13	0.123	0.180
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 9	State 8	55830	3609	1	19.40	21.00	1.445	62.9	1.006	-0.13	0.037	0.054
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 9	State 8	55830	3609	1	19.40	21.00	1.445	62.9	1.006	0.07	0.299	0.435
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 9	State 8	55830	3609	1	19.40	21.00	1.445	62.9	1.006	0.09	0.034	0.049
	LTE Band 48	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 9	State 8	55830	3609	1	19.40	21.00	1.445	62.9	1.006	-0.05	0.103	0.150
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	55830	3609	1	20.99	22.50	1.416	62.9	1.006	-0.05	0.078	0.111
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	55830	3609	1	20.99	22.50	1.416	62.9	1.006	0.05	0.093	0.132
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	55830	3609	1	20.99	22.50	1.416	62.9	1.006	0.1	0.023	0.033
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	55830	3609	1	20.99	22.50	1.416	62.9	1.006	0.05	0.147	0.209
	LTE Band 48C	20M	QPSK	1	0	-	Top Side	10mm	Ant 7	State 8	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	0.08	0.062	0.080
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	55830	3609	1	20.02	21.50	1.406	62.9	1.006	-0.11	0.062	0.088
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	55830	3609	1	20.02	21.50	1.406	62.9	1.006	0.06	0.073	0.103
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	55830	3609	1	20.02	21.50	1.406	62.9	1.006	0.13	0.020	0.028
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	55830	3609	1	20.02	21.50	1.406	62.9	1.006	-0.02	0.121	0.171
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 10	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.08	0.016	0.023
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.06	0.052	0.075
	LTE Band 48C	20M	QPSK	1	0	-	Back	10mm	Ant 10	State 8	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	0.13	0.023	0.030
	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 10	State 8	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.07	0.031	0.045
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 10	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.08	0.013	0.019
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.11	0.041	0.060
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 10	State 8	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.08	0.025	0.036
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	641666	3624.99	1	22.59	23.50	1.233	-	-	-0.1	0.245	0.302
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	641666	3624.99	1	22.59	23.50	1.233	-	-	0.02	0.231	0.285
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	641666	3624.99	1	22.59	23.50	1.233	-	-	0.05	0.601	0.741
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	638000	3570	1	22.35	23.50	1.303	-	-	0.04	0.536	0.698
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	645332	3679.98	1	22.50	23.50	1.259	-	-	-0.13	0.671	0.845
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 8	State 8	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.1	0.249	0.314
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 8	State 8	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.06	0.238	0.300
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 8	State 8	641666	3624.99	1	22.49	23.50	1.262	-	-	0.06	0.617	0.779
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 8	State 8	638000	3570	1	22.33	23.50	1.309	-	-	-0.02	0.554	0.725
52	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 8	State 8	645332	3679.98	1	22.40	23.50	1.288	-	-	0.08	0.681	0.877
	FR1 n48	40M	QPSK	100	0	DFT-30	Left Side	10mm	Ant 8	State 8	641666	3624.99	1	22.18	23.50	1.355	-	-	0.11	0.608	0.824
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	641666	3624.99	1	19.58	20.50	1.236	-	-	-0.02	0.054	0.067
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	641666	3624.99	1	19.58	20.50	1.236	-	-	-0.02	0.431	0.533



FCC SAR Test Report

Report No. : FA391308

	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	6416663624.99	1	19.58	20.50	1.236	-	-	-0.06	0.049	0.061
	FR1 n48	40M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	6416663624.99	1	19.58	20.50	1.236	-	-	-0.05	0.123	0.152
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 9	State 8	6416663624.99	1	19.55	20.50	1.245	-	-	-0.12	0.061	0.076
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 9	State 8	6416663624.99	1	19.55	20.50	1.245	-	-	-0.11	0.460	0.572
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 9	State 8	6416663624.99	1	19.55	20.50	1.245	-	-	-0.13	0.052	0.065
	FR1 n48	40M	QPSK	50	28	DFT-30	Bottom Side	10mm	Ant 9	State 8	6416663624.99	1	19.55	20.50	1.245	-	-	-0.12	0.135	0.168
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	6416663624.99	1	20.13	21.00	1.222	-	-	-0.06	0.083	0.101
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	6416663624.99	1	20.13	21.00	1.222	-	-	0.06	0.107	0.131
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	6416663624.99	1	20.13	21.00	1.222	-	-	-0.13	0.023	0.028
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	6416663624.99	1	20.13	21.00	1.222	-	-	0.05	0.173	0.211
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 7	State 8	6416663624.99	1	20.11	21.00	1.227	-	-	-0.11	0.085	0.104
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 7	State 8	6416663624.99	1	20.11	21.00	1.227	-	-	-0.13	0.109	0.134
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 7	State 8	6416663624.99	1	20.11	21.00	1.227	-	-	-0.06	0.029	0.036
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 7	State 8	6416663624.99	1	20.11	21.00	1.227	-	-	0.12	0.177	0.217
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	6416663624.99	1	22.59	23.50	1.233	-	-	0.13	0.021	0.026
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	6416663624.99	1	22.59	23.50	1.233	-	-	0.12	0.118	0.146
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 10	State 8	6416663624.99	1	22.59	23.50	1.233	-	-	-0.11	0.053	0.065
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 10	State 8	6416663624.99	1	22.49	23.50	1.262	-	-	0.05	0.025	0.032
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	State 8	6416663624.99	1	22.49	23.50	1.262	-	-	-0.13	0.133	0.168
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 10	State 8	6416663624.99	1	22.49	23.50	1.262	-	-	0.03	0.056	0.071
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	656000 3840	1	20.15	21.00	1.216	-	-	-0.02	0.203	0.247
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	656000 3840	1	20.15	21.00	1.216	-	-	-0.06	0.173	0.210
53	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	656000 3840	1	20.15	21.00	1.216	-	-	0.12	0.469	0.570
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	656000 3840	1	22.85	23.50	1.161	50	1.000	-0.07	0.441	0.512
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	656000 3840	1	20.13	21.00	1.222	-	-	0.06	0.187	0.228
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	656000 3840	1	20.13	21.00	1.222	-	-	-0.06	0.131	0.160
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	656000 3840	1	20.13	21.00	1.222	-	-	-0.04	0.449	0.549
	FR1 n77	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 8	State 8	656000 3840	1	20.11	21.00	1.227	-	-	-0.05	0.426	0.523
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	6333323499.98	1	19.63	21.00	1.371	-	-	-0.08	0.185	0.254
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	6333323499.98	1	19.63	21.00	1.371	-	-	-0.12	0.132	0.181
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	6333323499.98	1	19.63	21.00	1.371	-	-	0.05	0.357	0.489
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	6333323499.98	1	22.38	23.50	1.294	50	1.000	-0.1	0.324	0.419
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	6333323499.98	1	19.58	21.00	1.387	-	-	0.06	0.166	0.230
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	6333323499.98	1	19.58	21.00	1.387	-	-	-0.02	0.118	0.164
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	6333323499.98	1	19.58	21.00	1.387	-	-	0.13	0.295	0.409
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	656000 3840	1	21.15	22.00	1.216	-	-	-0.11	0.062	0.075
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	656000 3840	1	21.15	22.00	1.216	-	-	0.01	0.331	0.403
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	656000 3840	1	21.15	22.00	1.216	-	-	0.04	0.051	0.062
	FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	656000 3840	1	21.15	22.00	1.216	-	-	-0.08	0.092	0.112
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	656000 3840	1	23.85	24.50	1.161	50	1.000	-0.13	0.321	0.373
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	656000 3840	1	21.11	22.00	1.227	-	-	-0.02	0.057	0.070
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	656000 3840	1	21.11	22.00	1.227	-	-	0.1	0.316	0.388
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	656000 3840	1	21.11	22.00	1.227	-	-	-0.06	0.048	0.059
	FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	656000 3840	1	21.11	22.00	1.227	-	-	-0.13	0.084	0.103
	FR1 n77	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 9	State 8	656000 3840	1	21.08	22.00	1.236	-	-	-0.09	0.235	0.290
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	6333323499.98	1	20.68	22.00	1.355	-	-	0.09	0.055	0.075
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	6333323499.98	1	20.68	22.00	1.355	-	-	0.1	0.391	0.530
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	6333323499.98	1	20.68	22.00	1.355	-	-	0.02	0.053	0.072
	FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	6333323499.98	1	20.68	22.00	1.355	-	-	0.05	0.147	0.199
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	6333323499.98	1	20.63	22.00	1.371	-	-	0.11	0.058	0.080
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	6333323499.98	1	20.63	22.00	1.371	-	-	0.09	0.398	0.546
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	6333323499.98	1	20.63	22.00	1.371	-	-	-0.01	0.054	0.074
	FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	6333323499.98	1	20.63	22.00	1.371	-	-	-0.01	0.155	0.212
	FR1 n77-HPUE	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	6333323499.98	1	23.35	24.50	1.303	50	1.000	0.04	0.400	0.521
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	656000 3840	1	19.68	20.50	1.208	-	-	0.03	0.055	0.066
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	656000 3840	1	19.68	20.50	1.208	-	-	0.04	0.136	0.164



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	656000	3840	1	19.68	20.50	1.208	-	-	-0.01	0.035	0.042
	FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	656000	3840	1	19.68	20.50	1.208	-	-	-0.08	0.155	0.187
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	656000	3840	1	19.65	20.50	1.216	-	-	0.02	0.058	0.071
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	656000	3840	1	19.65	20.50	1.216	-	-	0.04	0.142	0.173
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	656000	3840	1	19.65	20.50	1.216	-	-	-0.05	0.038	0.046
	FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	656000	3840	1	19.65	20.50	1.216	-	-	0.05	0.159	0.193
	FR1 n77-HPUE	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	656000	3840	1	22.36	23.00	1.159	50	1.000	0.07	0.161	0.187
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	633332	3499.98	1	19.18	20.50	1.355	-	-	0.01	0.073	0.099
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	633332	3499.98	1	19.18	20.50	1.355	-	-	0.05	0.081	0.110
	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	633332	3499.98	1	19.18	20.50	1.355	-	-	0.09	0.032	0.043
	FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	633332	3499.98	1	19.18	20.50	1.355	-	-	0.08	0.135	0.183
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	633332	3499.98	1	19.15	20.50	1.365	-	-	-0.05	0.075	0.102
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	633332	3499.98	1	19.15	20.50	1.365	-	-	0.09	0.086	0.117
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	633332	3499.98	1	19.15	20.50	1.365	-	-	0.13	0.036	0.049
	FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	633332	3499.98	1	19.15	20.50	1.365	-	-	0.02	0.141	0.192
	FR1 n77-HPUE	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	633332	3499.98	1	21.85	23.00	1.303	50	1.000	0.13	0.138	0.180
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	656000	3840	1	24.13	25.00	1.222	-	-	0.06	0.051	0.062
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	656000	3840	1	24.13	25.00	1.222	-	-	0.04	0.152	0.186
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	656000	3840	1	24.13	25.00	1.222	-	-	-0.08	0.060	0.073
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	656000	3840	1	23.85	25.00	1.303	-	-	-0.12	0.063	0.082
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	656000	3840	1	23.85	25.00	1.303	-	-	0.04	0.156	0.203
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	656000	3840	1	23.85	25.00	1.303	-	-	0.06	0.074	0.096
	FR1 n77-HPUE	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	656000	3840	1	26.59	27.50	1.233	50	1.000	0.11	0.151	0.186
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	-	-	0.13	0.048	0.065
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	-	-	0.12	0.083	0.113
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	-	-	0.07	0.056	0.076
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	633332	3499.98	1	26.38	27.50	1.294	50	1.000	-0.03	0.075	0.097
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	-	-	0.12	0.045	0.064
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	-	-	-0.03	0.070	0.099
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	-	-	-0.13	0.052	0.074



<Inter CA Mode>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 0	State 8	133297	680.5	1	21.91	23.00	1.285	0.08	0.198	0.254
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 0	State 8	133297	680.5	1	21.91	23.00	1.285	-0.17	0.183	0.235
	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	State 8	133297	680.5	1	21.91	23.00	1.285	-0.1	0.042	0.054
	LTE Band 71	20M	QPSK	1	49	-	Right Side	10mm	Ant 0	State 8	133297	680.5	1	21.91	23.00	1.285	0.15	0.121	0.156
	LTE Band 71	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	State 8	133297	680.5	1	21.91	23.00	1.285	0.09	0.145	0.186
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 0	State 8	133297	680.5	1	20.85	22.00	1.303	-0.17	0.147	0.191
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 0	State 8	133297	680.5	1	20.85	22.00	1.303	-0.14	0.137	0.179
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	State 8	133297	680.5	1	20.85	22.00	1.303	-0.15	0.036	0.047
	LTE Band 71	20M	QPSK	50	24	-	Right Side	10mm	Ant 0	State 8	133297	680.5	1	20.85	22.00	1.303	0.17	0.094	0.123
	LTE Band 71	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	State 8	133297	680.5	1	20.85	22.00	1.303	-0.18	0.112	0.146
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	133297	680.5	1	21.91	23.00	1.285	-0.09	0.050	0.064
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	133297	680.5	1	21.91	23.00	1.285	-0.04	0.045	0.058
	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	133297	680.5	1	21.91	23.00	1.285	0.1	0.106	0.137
	LTE Band 71	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	133297	680.5	1	21.91	23.00	1.285	-0.09	0.016	0.020
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	133297	680.5	1	20.85	22.00	1.303	-0.15	0.038	0.050
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	133297	680.5	1	20.85	22.00	1.303	-0.12	0.036	0.047
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	133297	680.5	1	20.85	22.00	1.303	-0.19	0.090	0.117
	LTE Band 71	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	133297	680.5	1	20.85	22.00	1.303	-0.11	0.011	0.014
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 0	State 8	23095	707.5	1	21.54	23.00	1.400	-0.01	0.136	0.190
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	State 8	23095	707.5	1	21.54	23.00	1.400	0.04	0.139	0.195
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	21.54	23.00	1.400	-0.12	0.031	0.043
	LTE Band 12	10M	QPSK	1	25	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	21.54	23.00	1.400	0.12	0.083	0.116
	LTE Band 12	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	21.54	23.00	1.400	0.12	0.114	0.160
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 0	State 8	23095	707.5	1	20.57	22.00	1.390	-0.06	0.112	0.155
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 0	State 8	23095	707.5	1	20.57	22.00	1.390	0.08	0.114	0.158
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	20.57	22.00	1.390	-0.16	0.024	0.033
	LTE Band 12	10M	QPSK	25	12	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	20.57	22.00	1.390	0.05	0.070	0.097
	LTE Band 12	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	20.57	22.00	1.390	-0.09	0.092	0.128
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	23095	707.5	1	19.67	21.00	1.358	-0.16	0.067	0.091
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	23095	707.5	1	19.67	21.00	1.358	0.01	0.062	0.084
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	19.67	21.00	1.358	0.04	0.127	0.173
	LTE Band 12	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	19.67	21.00	1.358	0.1	0.012	0.016
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	23095	707.5	1	18.66	20.00	1.361	-0.03	0.056	0.076
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	23095	707.5	1	18.66	20.00	1.361	-0.08	0.051	0.069
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	18.66	20.00	1.361	-0.04	0.100	0.136
	LTE Band 12	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	18.66	20.00	1.361	0.06	0.011	0.015
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	21.66	23.00	1.361	0.09	0.127	0.173
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	21.66	23.00	1.361	0.19	0.123	0.167
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	21.66	23.00	1.361	-0.13	0.018	0.025
	FR1 n12	15M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	21.66	23.00	1.361	-0.02	0.069	0.093
	FR1 n12	15M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	21.66	23.00	1.361	0.14	0.104	0.142
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	21.51	23.00	1.409	0.02	0.156	0.220
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	21.51	23.00	1.409	0.19	0.143	0.202
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	21.51	23.00	1.409	0.17	0.024	0.033
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	21.51	23.00	1.409	0.03	0.089	0.125
	FR1 n12	15M	QPSK	36	22	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	21.51	23.00	1.409	0.02	0.134	0.188
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	19.66	21.00	1.361	-0.18	0.068	0.093
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	19.66	21.00	1.361	0.01	0.067	0.091
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	19.66	21.00	1.361	-0.1	0.129	0.176
	FR1 n12	15M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	19.66	21.00	1.361	0.15	0.010	0.014
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	19.51	21.00	1.409	0.15	0.071	0.100
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	19.51	21.00	1.409	0.19	0.069	0.097



FCC SAR Test Report

Report No. : FA391308

	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	19.51	21.00	1.409	-0.18	0.130	0.183
	FR1 n12	15M	QPSK	36	22	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	19.51	21.00	1.409	0.09	0.011	0.016
835MHz																			
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 0	State 8	26865	831.5	1	21.62	23.00	1.374	0.09	0.241	0.331
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	State 8	26865	831.5	1	21.62	23.00	1.374	0.14	0.260	0.357
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 0	State 8	26865	831.5	1	21.62	23.00	1.374	-0.15	0.036	0.049
	LTE Band 26	15M	QPSK	1	37	-	Right Side	10mm	Ant 0	State 8	26865	831.5	1	21.62	23.00	1.374	0.02	0.116	0.159
	LTE Band 26	15M	QPSK	1	37	-	Bottom Side	10mm	Ant 0	State 8	26865	831.5	1	21.62	23.00	1.374	0.13	0.233	0.320
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 0	State 8	26865	831.5	1	20.70	22.00	1.349	-0.17	0.236	0.318
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	State 8	26865	831.5	1	20.70	22.00	1.349	-0.09	0.253	0.341
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 0	State 8	26865	831.5	1	20.70	22.00	1.349	0.07	0.038	0.052
	LTE Band 26	15M	QPSK	36	20	-	Right Side	10mm	Ant 0	State 8	26865	831.5	1	20.70	22.00	1.349	0.11	0.112	0.151
	LTE Band 26	15M	QPSK	36	20	-	Bottom Side	10mm	Ant 0	State 8	26865	831.5	1	20.70	22.00	1.349	0.16	0.221	0.297
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 2	State 8	26865	831.5	1	18.78	20.00	1.324	-0.11	0.127	0.169
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 2	State 8	26865	831.5	1	18.78	20.00	1.324	0	0.116	0.154
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 2	State 8	26865	831.5	1	18.78	20.00	1.324	0.18	0.164	0.217
	LTE Band 26	15M	QPSK	1	37	-	Top Side	10mm	Ant 2	State 8	26865	831.5	1	18.78	20.00	1.324	-0.09	0.021	0.028
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 2	State 8	26865	831.5	1	17.83	19.00	1.309	0.02	0.104	0.136
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 2	State 8	26865	831.5	1	17.83	19.00	1.309	-0.17	0.101	0.132
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 2	State 8	26865	831.5	1	17.83	19.00	1.309	0.19	0.138	0.181
	LTE Band 26	15M	QPSK	36	20	-	Top Side	10mm	Ant 2	State 8	26865	831.5	1	17.83	19.00	1.309	-0.06	0.019	0.025
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	167300	836.5	1	21.71	23.00	1.346	0.08	0.200	0.269
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	167300	836.5	1	21.71	23.00	1.346	-0.12	0.208	0.280
	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	167300	836.5	1	21.71	23.00	1.346	0.06	0.030	0.040
	FR1 n5	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	167300	836.5	1	21.71	23.00	1.346	-0.11	0.103	0.139
	FR1 n5	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	167300	836.5	1	21.71	23.00	1.346	0.08	0.193	0.259
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	State 8	167300	836.5	1	21.67	23.00	1.358	0.05	0.214	0.291
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	State 8	167300	836.5	1	21.67	23.00	1.358	-0.11	0.216	0.293
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	State 8	167300	836.5	1	21.67	23.00	1.358	0.06	0.034	0.046
	FR1 n5	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	State 8	167300	836.5	1	21.67	23.00	1.358	-0.14	0.116	0.157
	FR1 n5	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	State 8	167300	836.5	1	21.67	23.00	1.358	-0.05	0.208	0.283
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	167300	836.5	1	18.89	20.00	1.291	-0.14	0.068	0.088
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	167300	836.5	1	18.89	20.00	1.291	-0.16	0.055	0.071
	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	167300	836.5	1	18.89	20.00	1.291	0.14	0.087	0.112
	FR1 n5	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	167300	836.5	1	18.89	20.00	1.291	0.16	0.009	0.012
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	167300	836.5	1	18.76	20.00	1.330	-0.17	0.071	0.094
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	167300	836.5	1	18.76	20.00	1.330	-0.09	0.060	0.080
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	167300	836.5	1	18.76	20.00	1.330	-0.03	0.089	0.118
	FR1 n5	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	167300	836.5	1	18.76	20.00	1.330	0.1	0.011	0.015
1750MHz																			
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	132322	1745	1	21.11	22.00	1.227	-0.04	0.219	0.269
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	132322	1745	1	21.11	22.00	1.227	-0.02	0.238	0.292
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	21.11	22.00	1.227	0.1	0.240	0.295
	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	21.11	22.00	1.227	-0.08	0.259	0.318
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	132322	1745	1	20.11	21.00	1.227	0.12	0.193	0.237
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	132322	1745	1	20.11	21.00	1.227	-0.01	0.215	0.264
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	20.11	21.00	1.227	-0.09	0.220	0.270
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	20.11	21.00	1.227	0.05	0.233	0.286
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	132322	1745	1	13.75	14.50	1.189	0.15	0.071	0.084
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	132322	1745	1	13.75	14.50	1.189	-0.05	0.059	0.070
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	13.75	14.50	1.189	-0.07	0.139	0.165
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	13.75	14.50	1.189	0.03	0.026	0.031
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	132322	1745	1	12.81	13.50	1.172	0.05	0.059	0.069
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	132322	1745	1	12.81	13.50	1.172	0.15	0.051	0.060
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	12.81	13.50	1.172	-0.06	0.117	0.137
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	12.81	13.50	1.172	0.02	0.024	0.028



FCC SAR Test Report

Report No. : FA391308

LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	132322	1745	1	18.36	19.50	1.300	-0.1	0.035	0.046
LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	132322	1745	1	18.36	19.50	1.300	-0.04	0.051	0.066
LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	18.36	19.50	1.300	0.13	0.022	0.029
LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	18.36	19.50	1.300	-0.12	0.016	0.021
LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	132322	1745	1	17.43	18.50	1.279	-0.01	0.028	0.036
LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	132322	1745	1	17.43	18.50	1.279	-0.15	0.042	0.054
LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	17.43	18.50	1.279	0.19	0.018	0.023
LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	17.43	18.50	1.279	-0.19	0.013	0.017
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	21.65	22.00	1.084	0.01	0.250	0.271
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	21.65	22.00	1.084	-0.01	0.263	0.285
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	21.65	22.00	1.084	-0.13	0.303	0.329
FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	21.65	22.00	1.084	-0.16	0.343	0.372
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	21.47	22.00	1.130	-0.03	0.220	0.248
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	21.47	22.00	1.130	-0.09	0.260	0.294
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	21.47	22.00	1.130	0.1	0.269	0.304
FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	21.47	22.00	1.130	-0.06	0.325	0.368
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	14.79	15.00	1.050	-0.14	0.089	0.093
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	14.79	15.00	1.050	-0.14	0.079	0.083
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	14.79	15.00	1.050	-0.13	0.215	0.226
FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	14.79	15.00	1.050	0.02	0.032	0.034
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	14.69	15.00	1.074	0.11	0.091	0.098
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	14.69	15.00	1.074	0.05	0.086	0.092
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	14.69	15.00	1.074	0	0.221	0.237
FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	14.69	15.00	1.074	0.03	0.044	0.047
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	20.05	21.50	1.396	-0.18	0.030	0.042
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	20.05	21.50	1.396	0.09	0.044	0.061
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	20.05	21.50	1.396	-0.06	0.029	0.041
FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	20.05	21.50	1.396	0.09	0.010	0.014
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0	0.028	0.040
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0.01	0.042	0.060
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	-0.18	0.025	0.036
FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0.09	0.009	0.012
1900MHz																		
LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	26340	1880	1	19.09	20.00	1.233	-0.02	0.119	0.147
LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	26340	1880	1	19.09	20.00	1.233	-0.07	0.224	0.276
LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	26340	1880	1	19.09	20.00	1.233	0.16	0.137	0.169
LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	26340	1880	1	19.09	20.00	1.233	0.14	0.207	0.255
LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	26340	1880	1	18.12	19.00	1.225	0.14	0.101	0.124
LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	26340	1880	1	18.12	19.00	1.225	0.1	0.190	0.233
LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	26340	1880	1	18.12	19.00	1.225	-0.15	0.112	0.137
LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	26340	1880	1	18.12	19.00	1.225	-0.16	0.175	0.214
LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	26340	1880	1	13.52	14.50	1.253	0.16	0.057	0.071
LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	26340	1880	1	13.52	14.50	1.253	-0.19	0.058	0.073
LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	26340	1880	1	13.52	14.50	1.253	0.07	0.140	0.175
LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	26340	1880	1	13.52	14.50	1.253	-0.18	0.012	0.015
LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	26340	1880	1	12.59	13.50	1.233	-0.15	0.042	0.052
LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	26340	1880	1	12.59	13.50	1.233	-0.19	0.045	0.055
LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	26340	1880	1	12.59	13.50	1.233	0.18	0.112	0.138
LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	26340	1880	1	12.59	13.50	1.233	0.1	0.008	0.010
LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	18900	1880	1	17.18	18.50	1.355	-0.09	0.053	0.072
LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	18900	1880	1	17.18	18.50	1.355	-0.16	0.096	0.130
LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	18900	1880	1	17.18	18.50	1.355	0.03	0.010	0.014
LTE Band 2	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	18900	1880	1	17.18	18.50	1.355	-0.16	0.092	0.125
LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	18900	1880	1	16.33	17.50	1.309	0.12	0.040	0.052
LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	18900	1880	1	16.33	17.50	1.309	0.08	0.083	0.109
LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	18900	1880	1	16.33	17.50	1.309	-0.09	0.008	0.010



FCC SAR Test Report

Report No. : FA391308

	LTE Band 2	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	18900	1880	1	16.33	17.50	1.309	0.09	0.081	0.106
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	376000	1880	1	20.24	21.00	1.191	0.17	0.170	0.203
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	376000	1880	1	20.24	21.00	1.191	0.16	0.237	0.282
	FR1 n2	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	376000	1880	1	20.24	21.00	1.191	-0.1	0.197	0.235
	FR1 n2	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	376000	1880	1	20.24	21.00	1.191	0.07	0.201	0.239
	FR1 n2	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 1	State 8	376000	1880	1	20.03	21.00	1.250	0.05	0.176	0.220
	FR1 n2	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 1	State 8	376000	1880	1	20.03	21.00	1.250	-0.01	0.247	0.309
	FR1 n2	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 1	State 8	376000	1880	1	20.03	21.00	1.250	0.15	0.209	0.261
	FR1 n2	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 1	State 8	376000	1880	1	20.03	21.00	1.250	0.08	0.216	0.270
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	376000	1880	1	12.53	13.50	1.250	0.13	0.046	0.058
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	376000	1880	1	12.53	13.50	1.250	0.06	0.051	0.064
	FR1 n2	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	376000	1880	1	12.53	13.50	1.250	0.04	0.108	0.135
	FR1 n2	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	376000	1880	1	12.53	13.50	1.250	0.12	0.019	0.024
	FR1 n2	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	376000	1880	1	12.30	13.50	1.318	-0.03	0.049	0.065
	FR1 n2	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	376000	1880	1	12.30	13.50	1.318	-0.19	0.056	0.074
	FR1 n2	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	376000	1880	1	12.30	13.50	1.318	-0.18	0.122	0.161
	FR1 n2	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	376000	1880	1	12.30	13.50	1.318	-0.04	0.021	0.028
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	18.61	20.00	1.377	0.13	0.047	0.065
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	18.61	20.00	1.377	-0.12	0.078	0.107
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	18.61	20.00	1.377	0.08	0.045	0.062
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	18.61	20.00	1.377	-0.07	0.053	0.073
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	18.47	20.00	1.422	0.16	0.052	0.074
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	18.47	20.00	1.422	-0.07	0.079	0.112
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	18.47	20.00	1.422	0.01	0.047	0.067
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	18.47	20.00	1.422	-0.02	0.066	0.094
2300MHz																			
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 1	State 8	27710	2310	1	14.47	15.00	1.130	0.08	0.056	0.063
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 1	State 8	27710	2310	1	14.47	15.00	1.130	0.16	0.069	0.078
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	14.47	15.00	1.130	-0.09	0.121	0.137
	LTE Band 30	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	14.47	15.00	1.130	0.02	0.039	0.044
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 1	State 8	27710	2310	1	13.42	14.00	1.143	-0.13	0.051	0.059
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 1	State 8	27710	2310	1	13.42	14.00	1.143	-0.07	0.066	0.075
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	13.42	14.00	1.143	0.03	0.117	0.134
	LTE Band 30	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	13.42	14.00	1.143	-0.19	0.036	0.041
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	27710	2310	1	13.14	13.50	1.086	-0.19	0.127	0.138
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	27710	2310	1	13.14	13.50	1.086	-0.03	0.130	0.141
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	13.14	13.50	1.086	0.1	0.371	0.403
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	13.14	13.50	1.086	0.14	0.012	0.013
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	27710	2310	1	12.04	12.50	1.112	-0.07	0.117	0.130
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	27710	2310	1	12.04	12.50	1.112	-0.16	0.122	0.136
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	12.04	12.50	1.112	0.17	0.333	0.370
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	12.04	12.50	1.112	0.11	0.011	0.012
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 7	State 8	27710	2310	1	16.61	18.00	1.377	-0.06	0.069	0.095
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 7	State 8	27710	2310	1	16.61	18.00	1.377	0.01	0.100	0.138
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 7	State 8	27710	2310	1	16.61	18.00	1.377	-0.1	0.020	0.028
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 7	State 8	27710	2310	1	16.61	18.00	1.377	0.19	0.189	0.260
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 7	State 8	27710	2310	1	15.66	17.00	1.361	0.11	0.054	0.074
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 7	State 8	27710	2310	1	15.66	17.00	1.361	-0.18	0.080	0.109
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 7	State 8	27710	2310	1	15.66	17.00	1.361	0.17	0.017	0.023
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 7	State 8	27710	2310	1	15.66	17.00	1.361	-0.13	0.155	0.211
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	14.03	15.00	1.250	-0.19	0.056	0.071
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	14.03	15.00	1.250	0.02	0.077	0.097
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	14.03	15.00	1.250	-0.19	0.123	0.153
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	14.03	15.00	1.250	-0.06	0.047	0.059
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	13.89	15.00	1.291	0.06	0.051	0.066
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	13.89	15.00	1.291	0.01	0.068	0.087



FCC SAR Test Report

Report No. : FA391308

FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	13.89	15.00	1.291	0.03	0.109	0.141
FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	13.89	15.00	1.291	0.19	0.044	0.057
FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	12.03	13.00	1.250	-0.15	0.070	0.088
FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	12.03	13.00	1.250	0.17	0.076	0.095
FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	12.03	13.00	1.250	0.17	0.177	0.221
FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	12.03	13.00	1.250	0.08	0.008	0.010
FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	11.89	13.00	1.291	-0.05	0.075	0.097
FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	11.89	13.00	1.291	0.1	0.080	0.103
FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	11.89	13.00	1.291	-0.04	0.202	0.261
FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	11.89	13.00	1.291	-0.13	0.009	0.012
FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	15.99	17.50	1.416	0.12	0.048	0.068
FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	15.99	17.50	1.416	-0.05	0.054	0.076
FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	15.99	17.50	1.416	-0.15	0.035	0.050
FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	15.99	17.50	1.416	-0.02	0.139	0.197
FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	15.90	17.50	1.445	-0.07	0.051	0.074
FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	15.90	17.50	1.445	-0.07	0.064	0.093
FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	15.90	17.50	1.445	0.13	0.038	0.055
FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	15.90	17.50	1.445	-0.08	0.146	0.211
2600MHz																		
LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	21100	2535	1	19.66	20.50	1.213	0.15	0.197	0.239
LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	21100	2535	1	19.66	20.50	1.213	0.14	0.239	0.290
LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	19.66	20.50	1.213	0.08	0.341	0.414
LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	19.66	20.50	1.213	0.18	0.091	0.110
LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	21100	2535	1	18.56	19.50	1.242	-0.19	0.149	0.185
LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	21100	2535	1	18.56	19.50	1.242	0.16	0.200	0.248
LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	18.56	19.50	1.242	-0.16	0.299	0.371
LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	18.56	19.50	1.242	0.12	0.084	0.104
LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	21100	2535	1	13.59	14.50	1.233	0.18	0.076	0.094
LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	21100	2535	1	13.59	14.50	1.233	-0.17	0.077	0.095
LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	13.59	14.50	1.233	-0.07	0.235	0.290
LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	13.59	14.50	1.233	0.07	0.011	0.014
LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	21100	2535	1	12.59	13.50	1.233	0.12	0.068	0.084
LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	21100	2535	1	12.59	13.50	1.233	-0.19	0.074	0.091
LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	12.59	13.50	1.233	0.03	0.208	0.256
LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	12.59	13.50	1.233	0.03	0.010	0.012
FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.11	0.215	0.293
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.16	0.271	0.369
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.03	0.415	0.566
FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	20.65	22.00	1.365	0.09	0.141	0.193
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	0.17	0.180	0.253
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-0.12	0.214	0.300
FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	0.08	0.396	0.555
FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-0.09	0.112	0.157
FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	13.35	14.50	1.303	0.07	0.058	0.076
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	13.35	14.50	1.303	-0.14	0.076	0.099
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	13.35	14.50	1.303	-0.19	0.187	0.244
FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	13.35	14.50	1.303	0.01	0.013	0.017
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	13.24	14.50	1.337	-0.12	0.055	0.074
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	13.24	14.50	1.337	-0.19	0.070	0.094
FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	13.24	14.50	1.337	0.12	0.166	0.222
FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	13.24	14.50	1.337	-0.02	0.012	0.016
FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	14.85	16.00	1.303	-0.19	0.164	0.214
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	14.85	16.00	1.303	-0.07	0.110	0.143
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	14.85	16.00	1.303	0.07	0.326	0.425
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	14.74	16.00	1.337	0.11	0.176	0.235
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	14.74	16.00	1.337	0.03	0.120	0.160



FCC SAR Test Report

Report No. : FA391308

FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	14.74	16.00	1.337	0.12	0.334	0.446
FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	20.65	22.00	1.365	0	0.016	0.022
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.07	0.056	0.076
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.17	0.010	0.013
FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	20.65	22.00	1.365	-0.18	0.021	0.028
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-0.04	0.012	0.017
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	0.01	0.052	0.073
FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-0.02	0.010	0.014
FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	0.12	0.020	0.028
3500MHz~3900MHz																		
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	556000	3840	1	20.33	21.00	1.167	-0.15	0.209	0.244
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	556000	3840	1	20.33	21.00	1.167	0.07	0.175	0.204
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	20.33	21.00	1.167	0.05	0.462	0.539
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	556000	3840	1	20.12	21.00	1.225	0.1	0.189	0.231
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	556000	3840	1	20.12	21.00	1.225	0.03	0.132	0.162
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	20.12	21.00	1.225	0.18	0.450	0.551
FR1 n77	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	20.03	21.00	1.250	0.05	0.439	0.549
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	533332	3499.98	1	19.89	21.00	1.291	-0.08	0.181	0.234
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	533332	3499.98	1	19.89	21.00	1.291	-0.02	0.138	0.178
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	533332	3499.98	1	19.89	21.00	1.291	0.17	0.346	0.447
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	533332	3499.98	1	19.72	21.00	1.343	-0.19	0.169	0.227
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	533332	3499.98	1	19.72	21.00	1.343	-0.09	0.116	0.156
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	533332	3499.98	1	19.72	21.00	1.343	-0.13	0.286	0.384
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	556000	3840	1	16.89	17.50	1.151	0	0.022	0.025
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	556000	3840	1	16.89	17.50	1.151	0.02	0.117	0.135
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	556000	3840	1	16.89	17.50	1.151	-0.02	0.018	0.021
FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	556000	3840	1	16.89	17.50	1.151	0.13	0.033	0.038
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	556000	3840	1	16.61	17.50	1.227	0.16	0.020	0.025
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	556000	3840	1	16.61	17.50	1.227	0.14	0.112	0.137
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	556000	3840	1	16.61	17.50	1.227	0.05	0.017	0.021
FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	556000	3840	1	16.61	17.50	1.227	-0.01	0.030	0.037
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	533332	3499.98	1	16.43	17.50	1.279	-0.12	0.020	0.026
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	533332	3499.98	1	16.43	17.50	1.279	-0.18	0.139	0.178
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	533332	3499.98	1	16.43	17.50	1.279	-0.11	0.019	0.024
FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	533332	3499.98	1	16.43	17.50	1.279	-0.13	0.052	0.067
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	533332	3499.98	1	16.27	17.50	1.327	0.06	0.031	0.041
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	533332	3499.98	1	16.27	17.50	1.327	0.12	0.207	0.275
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	533332	3499.98	1	16.27	17.50	1.327	-0.05	0.028	0.037
FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	533332	3499.98	1	16.27	17.50	1.327	0.18	0.074	0.098
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	556000	3840	1	17.36	18.00	1.159	-0.11	0.028	0.032
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	556000	3840	1	17.36	18.00	1.159	0.08	0.063	0.073
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	556000	3840	1	17.36	18.00	1.159	0.08	0.016	0.019
FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	556000	3840	1	17.36	18.00	1.159	-0.12	0.077	0.089
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	556000	3840	1	17.09	18.00	1.233	0.19	0.029	0.036
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	556000	3840	1	17.09	18.00	1.233	-0.02	0.069	0.085
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	556000	3840	1	17.09	18.00	1.233	0.09	0.019	0.023
FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	556000	3840	1	17.09	18.00	1.233	-0.1	0.079	0.097
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	533332	3499.98	1	16.83	18.00	1.309	0.19	0.035	0.046
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	533332	3499.98	1	16.83	18.00	1.309	0.04	0.036	0.047
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	533332	3499.98	1	16.83	18.00	1.309	-0.18	0.014	0.018
FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	533332	3499.98	1	16.83	18.00	1.309	-0.08	0.068	0.089
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	533332	3499.98	1	16.69	18.00	1.352	0.17	0.038	0.051
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	533332	3499.98	1	16.69	18.00	1.352	-0.01	0.040	0.054
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	533332	3499.98	1	16.69	18.00	1.352	0.06	0.017	0.023
FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	533332	3499.98	1	16.69	18.00	1.352	-0.06	0.072	0.097
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	556000	3840	1	21.15	22.00	1.216	0.19	0.025	0.031



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	856000	3840	1	21.15	22.00	1.216	-0.15	0.075	0.092
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	856000	3840	1	21.15	22.00	1.216	0.01	0.030	0.036
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	856000	3840	1	20.98	22.00	1.265	-0.06	0.031	0.039
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	856000	3840	1	20.98	22.00	1.265	0.01	0.076	0.096
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	856000	3840	1	20.98	22.00	1.265	-0.01	0.038	0.048
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	833332	3499.98	1	20.76	22.00	1.330	0.14	0.024	0.033
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	833332	3499.98	1	20.76	22.00	1.330	-0.19	0.044	0.059
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	833332	3499.98	1	20.76	22.00	1.330	0.18	0.027	0.036
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	833332	3499.98	1	20.58	22.00	1.387	-0.15	0.022	0.030
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	833332	3499.98	1	20.58	22.00	1.387	-0.1	0.036	0.050
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	833332	3499.98	1	20.58	22.00	1.387	-0.1	0.026	0.036

<ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 0	State 8	23095	707.5	1	23.45	25.00	1.429	0.03	0.216	0.309
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	State 8	23095	707.5	1	23.45	25.00	1.429	-0.13	0.203	0.290
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	23.45	25.00	1.429	-0.09	0.048	0.069
	LTE Band 12	10M	QPSK	1	25	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	23.45	25.00	1.429	0.11	0.136	0.194
	LTE Band 12	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	23.45	25.00	1.429	0.1	0.189	0.270
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 0	State 8	23095	707.5	1	22.48	24.00	1.419	0.1	0.181	0.257
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 0	State 8	23095	707.5	1	22.48	24.00	1.419	-0.16	0.191	0.271
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	State 8	23095	707.5	1	22.48	24.00	1.419	-0.01	0.038	0.054
	LTE Band 12	10M	QPSK	25	12	-	Right Side	10mm	Ant 0	State 8	23095	707.5	1	22.48	24.00	1.419	-0.14	0.113	0.160
	LTE Band 12	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	State 8	23095	707.5	1	22.48	24.00	1.419	-0.04	0.153	0.217
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	23095	707.5	1	18.48	20.00	1.419	0.06	0.054	0.077
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	23095	707.5	1	18.48	20.00	1.419	0.11	0.051	0.072
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	18.48	20.00	1.419	-0.05	0.097	0.138
	LTE Band 12	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	18.48	20.00	1.419	0.02	0.009	0.013
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	23095	707.5	1	17.50	19.00	1.413	0.13	0.044	0.062
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	23095	707.5	1	17.50	19.00	1.413	0.02	0.040	0.057
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	23095	707.5	1	17.50	19.00	1.413	-0.02	0.078	0.110
	LTE Band 12	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	23095	707.5	1	17.50	19.00	1.413	0.02	0.008	0.011
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	136100	680.5	1	23.15	24.50	1.365	0.15	0.250	0.341
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	136100	680.5	1	23.15	24.50	1.365	-0.11	0.235	0.321
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	136100	680.5	1	23.15	24.50	1.365	-0.01	0.054	0.074
	FR1 n71	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	136100	680.5	1	23.15	24.50	1.365	0.18	0.168	0.229
	FR1 n71	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	136100	680.5	1	23.15	24.50	1.365	-0.05	0.172	0.235
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	State 8	136100	680.5	1	23.12	24.50	1.374	0.08	0.221	0.304
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	State 8	136100	680.5	1	23.12	24.50	1.374	0	0.213	0.293
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	State 8	136100	680.5	1	23.12	24.50	1.374	-0.13	0.047	0.065
	FR1 n71	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	State 8	136100	680.5	1	23.12	24.50	1.374	0.09	0.140	0.192
	FR1 n71	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	State 8	136100	680.5	1	23.12	24.50	1.374	-0.09	0.143	0.196
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	136100	680.5	1	23.65	25.00	1.365	0.06	0.091	0.124
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	136100	680.5	1	23.65	25.00	1.365	0.11	0.088	0.120
	FR1 n71	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	136100	680.5	1	23.65	25.00	1.365	-0.02	0.205	0.280
	FR1 n71	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	136100	680.5	1	23.65	25.00	1.365	-0.06	0.018	0.025
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	136100	680.5	1	23.63	25.00	1.371	0.15	0.082	0.112
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	136100	680.5	1	23.63	25.00	1.371	-0.05	0.076	0.104
	FR1 n71	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	136100	680.5	1	23.63	25.00	1.371	0.02	0.177	0.243
	FR1 n71	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	136100	680.5	1	23.63	25.00	1.371	0.03	0.016	0.022
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	23.58	25.00	1.387	-0.16	0.201	0.279
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	23.58	25.00	1.387	-0.02	0.187	0.259
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	23.58	25.00	1.387	-0.14	0.030	0.042



FCC SAR Test Report

Report No. : FA391308

	FR1 n12	15M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	23.58	25.00	1.387	-0.17	0.110	0.153
	FR1 n12	15M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	23.58	25.00	1.387	-0.17	0.156	0.216
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 0	State 8	141500	707.5	1	23.55	25.00	1.396	-0.16	0.238	0.332
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 0	State 8	141500	707.5	1	23.55	25.00	1.396	-0.17	0.226	0.316
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 0	State 8	141500	707.5	1	23.55	25.00	1.396	0.13	0.036	0.050
	FR1 n12	15M	QPSK	36	22	DFT-15	Right Side	10mm	Ant 0	State 8	141500	707.5	1	23.55	25.00	1.396	0.05	0.137	0.191
	FR1 n12	15M	QPSK	36	22	DFT-15	Bottom Side	10mm	Ant 0	State 8	141500	707.5	1	23.55	25.00	1.396	0.18	0.207	0.289
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	19.59	21.00	1.384	0.15	0.062	0.086
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	19.59	21.00	1.384	0.02	0.061	0.084
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	19.59	21.00	1.384	-0.03	0.109	0.151
	FR1 n12	15M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	19.59	21.00	1.384	0.06	0.010	0.014
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 2	State 8	141500	707.5	1	19.57	21.00	1.390	0.11	0.064	0.089
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 2	State 8	141500	707.5	1	19.57	21.00	1.390	0.02	0.062	0.086
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 2	State 8	141500	707.5	1	19.57	21.00	1.390	0.05	0.111	0.154
	FR1 n12	15M	QPSK	36	22	DFT-15	Top Side	10mm	Ant 2	State 8	141500	707.5	1	19.57	21.00	1.390	0.03	0.010	0.014
835MHz																			
	LTE Band 5	10M	QPSK	1	25	-	Front	10mm	Ant 0	State 8	20525	836.5	1	20.85	22.50	1.462	-0.1	0.208	0.304
	LTE Band 5	10M	QPSK	1	25	-	Back	10mm	Ant 0	State 8	20525	836.5	1	20.85	22.50	1.462	-0.14	0.220	0.322
	LTE Band 5	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	State 8	20525	836.5	1	20.85	22.50	1.462	-0.1	0.031	0.045
	LTE Band 5	10M	QPSK	1	25	-	Right Side	10mm	Ant 0	State 8	20525	836.5	1	20.85	22.50	1.462	-0.03	0.103	0.151
	LTE Band 5	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	State 8	20525	836.5	1	20.85	22.50	1.462	0.07	0.195	0.285
	LTE Band 5	10M	QPSK	25	12	-	Front	10mm	Ant 0	State 8	20525	836.5	1	19.89	21.50	1.449	-0.1	0.172	0.249
	LTE Band 5	10M	QPSK	25	12	-	Back	10mm	Ant 0	State 8	20525	836.5	1	19.89	21.50	1.449	0.12	0.182	0.264
	LTE Band 5	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	State 8	20525	836.5	1	19.89	21.50	1.449	0	0.028	0.041
	LTE Band 5	10M	QPSK	25	12	-	Right Side	10mm	Ant 0	State 8	20525	836.5	1	19.89	21.50	1.449	0.19	0.088	0.127
	LTE Band 5	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	State 8	20525	836.5	1	19.89	21.50	1.449	0.06	0.158	0.229
	LTE Band 5	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	20525	836.5	1	16.89	18.50	1.449	0.06	0.046	0.067
	LTE Band 5	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	20525	836.5	1	16.89	18.50	1.449	0.02	0.042	0.061
	LTE Band 5	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	20525	836.5	1	16.89	18.50	1.449	-0.05	0.059	0.085
	LTE Band 5	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	20525	836.5	1	16.89	18.50	1.449	0.02	0.008	0.012
	LTE Band 5	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	20525	836.5	1	15.88	17.50	1.452	0.11	0.038	0.055
	LTE Band 5	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	20525	836.5	1	15.88	17.50	1.452	-0.13	0.034	0.049
	LTE Band 5	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	20525	836.5	1	15.88	17.50	1.452	0.05	0.048	0.070
	LTE Band 5	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	20525	836.5	1	15.88	17.50	1.452	0.07	0.006	0.009
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	State 8	167300	836.5	1	22.16	23.50	1.361	-0.18	0.229	0.312
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	State 8	167300	836.5	1	22.16	23.50	1.361	-0.01	0.234	0.319
	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	State 8	167300	836.5	1	22.16	23.50	1.361	0.15	0.034	0.046
	FR1 n5	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	State 8	167300	836.5	1	22.16	23.50	1.361	-0.05	0.113	0.154
	FR1 n5	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	State 8	167300	836.5	1	22.16	23.50	1.361	-0.01	0.210	0.286
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	State 8	167300	836.5	1	22.13	23.50	1.371	0.02	0.250	0.343
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	State 8	167300	836.5	1	22.13	23.50	1.371	-0.01	0.253	0.347
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	State 8	167300	836.5	1	22.13	23.50	1.371	-0.02	0.037	0.051
	FR1 n5	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	State 8	167300	836.5	1	22.13	23.50	1.371	0.09	0.123	0.169
	FR1 n5	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	State 8	167300	836.5	1	22.13	23.50	1.371	-0.14	0.227	0.311
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	167300	836.5	1	18.16	19.50	1.361	0.06	0.048	0.065
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	167300	836.5	1	18.16	19.50	1.361	0.13	0.041	0.056
	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	167300	836.5	1	18.16	19.50	1.361	-0.05	0.066	0.090
	FR1 n5	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	167300	836.5	1	18.16	19.50	1.361	-0.11	0.007	0.010
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 2	State 8	167300	836.5	1	18.14	19.50	1.368	0.03	0.050	0.068
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 2	State 8	167300	836.5	1	18.14	19.50	1.368	-0.08	0.044	0.060
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 2	State 8	167300	836.5	1	18.14	19.50	1.368	0.02	0.069	0.094
	FR1 n5	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 2	State 8	167300	836.5	1	18.14	19.50	1.368	0.07	0.008	0.011
1750MHz																			
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	132322	1745	1	21.50	22.50	1.259	0.15	0.239	0.301
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	132322	1745	1	21.50	22.50	1.259	0.05	0.260	0.327
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	21.50	22.50	1.259	0.06	0.269	0.339



FCC SAR Test Report

Report No. : FA391308

LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	21.50	22.50	1.259	-0.04	0.281	0.354
LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	132322	1745	1	20.53	21.50	1.250	0	0.196	0.245
LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	132322	1745	1	20.53	21.50	1.250	0.12	0.209	0.261
LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	132322	1745	1	20.53	21.50	1.250	-0.15	0.224	0.280
LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	132322	1745	1	20.53	21.50	1.250	-0.01	0.238	0.298
LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	132322	1745	1	11.98	13.00	1.265	0.13	0.048	0.061
LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	132322	1745	1	11.98	13.00	1.265	-0.02	0.042	0.053
LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	11.98	13.00	1.265	0.04	0.102	0.129
LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	11.98	13.00	1.265	-0.11	0.018	0.023
LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	132322	1745	1	10.99	12.00	1.262	0.08	0.038	0.048
LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	132322	1745	1	10.99	12.00	1.262	0.03	0.033	0.042
LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	132322	1745	1	10.99	12.00	1.262	0.15	0.079	0.100
LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	132322	1745	1	10.99	12.00	1.262	0.1	0.016	0.020
LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	132322	1745	1	17.10	18.50	1.380	0.05	0.028	0.039
LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	132322	1745	1	17.10	18.50	1.380	0.16	0.041	0.057
LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	17.10	18.50	1.380	-0.03	0.018	0.025
LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	17.10	18.50	1.380	-0.11	0.013	0.018
LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	132322	1745	1	16.08	17.50	1.387	0.05	0.022	0.031
LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	132322	1745	1	16.08	17.50	1.387	0.02	0.033	0.046
LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	132322	1745	1	16.08	17.50	1.387	0.07	0.014	0.019
LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	132322	1745	1	16.08	17.50	1.387	-0.06	0.011	0.015
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	22.55	23.00	1.109	0.13	0.308	0.342
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	22.55	23.00	1.109	-0.16	0.315	0.349
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	22.55	23.00	1.109	-0.12	0.398	0.441
FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	22.55	23.00	1.109	-0.01	0.440	0.488
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	349000	1745	1	22.53	23.00	1.114	0.08	0.281	0.313
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	349000	1745	1	22.53	23.00	1.114	-0.17	0.301	0.335
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	349000	1745	1	22.53	23.00	1.114	0.15	0.349	0.389
FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	349000	1745	1	22.53	23.00	1.114	0.12	0.398	0.443
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	13.58	14.00	1.102	0.06	0.064	0.070
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	13.58	14.00	1.102	-0.11	0.056	0.062
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	13.58	14.00	1.102	0.06	0.156	0.172
FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	13.58	14.00	1.102	0.02	0.022	0.024
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	349000	1745	1	13.55	14.00	1.109	-0.12	0.066	0.073
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	349000	1745	1	13.55	14.00	1.109	0.02	0.062	0.069
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	349000	1745	1	13.55	14.00	1.109	0.07	0.161	0.179
FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	349000	1745	1	13.55	14.00	1.109	-0.05	0.030	0.033
FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	19.98	21.50	1.419	0.07	0.029	0.041
FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	19.98	21.50	1.419	-0.18	0.044	0.062
FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	19.98	21.50	1.419	0.11	0.028	0.040
FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	19.98	21.50	1.419	0.06	0.010	0.014
FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0.02	0.027	0.039
FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	-0.1	0.043	0.061
FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0.05	0.026	0.037
FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	349000	1745	1	19.95	21.50	1.429	0.11	0.009	0.013
1900MHz																		
LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	18900	1880	1	19.05	20.50	1.396	-0.18	0.122	0.170
LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	18900	1880	1	19.05	20.50	1.396	0.13	0.228	0.318
LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	18900	1880	1	19.05	20.50	1.396	-0.18	0.135	0.189
LTE Band 2	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	18900	1880	1	19.05	20.50	1.396	0.04	0.203	0.283
LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	18900	1880	1	18.12	19.50	1.374	-0.01	0.100	0.137
LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	18900	1880	1	18.12	19.50	1.374	0.07	0.168	0.231
LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	18900	1880	1	18.12	19.50	1.374	-0.18	0.109	0.150
LTE Band 2	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	18900	1880	1	18.12	19.50	1.374	-0.16	0.166	0.228
LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	18900	1880	1	12.02	13.50	1.406	0.11	0.042	0.059
LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	18900	1880	1	12.02	13.50	1.406	0.06	0.039	0.055



FCC SAR Test Report

Report No. : FA391308

	LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	18900	1880	1	12.02	13.50	1.406	0.15	0.098	0.138
	LTE Band 2	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	18900	1880	1	12.02	13.50	1.406	0.02	0.008	0.011
	LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	18900	1880	1	11.00	12.50	1.413	-0.06	0.033	0.047
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	18900	1880	1	11.00	12.50	1.413	0.05	0.031	0.044
	LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	18900	1880	1	11.00	12.50	1.413	-0.03	0.078	0.110
	LTE Band 2	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	18900	1880	1	11.00	12.50	1.413	0.08	0.007	0.010
	LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 7	State 8	18900	1880	1	16.05	17.50	1.396	0.06	0.038	0.053
	LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 7	State 8	18900	1880	1	16.05	17.50	1.396	-0.11	0.070	0.098
	LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 7	State 8	18900	1880	1	16.05	17.50	1.396	0.02	0.007	0.010
	LTE Band 2	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	State 8	18900	1880	1	16.05	17.50	1.396	-0.02	0.066	0.092
	LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 7	State 8	18900	1880	1	15.08	16.50	1.387	0.06	0.030	0.042
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 7	State 8	18900	1880	1	15.08	16.50	1.387	0.02	0.056	0.078
	LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 7	State 8	18900	1880	1	15.08	16.50	1.387	0.08	0.006	0.008
	LTE Band 2	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	State 8	18900	1880	1	15.08	16.50	1.387	0.02	0.055	0.076
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	376500	1882.5	1	21.08	21.50	1.102	0.17	0.189	0.208
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	376500	1882.5	1	21.08	21.50	1.102	-0.08	0.272	0.300
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	376500	1882.5	1	21.08	21.50	1.102	-0.03	0.228	0.251
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	376500	1882.5	1	21.08	21.50	1.102	0.19	0.235	0.259
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	376500	1882.5	1	21.05	21.50	1.109	-0.12	0.190	0.211
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	376500	1882.5	1	21.05	21.50	1.109	-0.04	0.292	0.324
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	376500	1882.5	1	21.05	21.50	1.109	-0.07	0.240	0.266
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	376500	1882.5	1	21.05	21.50	1.109	0.14	0.237	0.263
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	376500	1882.5	1	13.55	14.00	1.109	0.13	0.055	0.061
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	376500	1882.5	1	13.55	14.00	1.109	0.05	0.052	0.058
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	376500	1882.5	1	13.55	14.00	1.109	-0.11	0.128	0.142
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	376500	1882.5	1	13.55	14.00	1.109	-0.02	0.021	0.023
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	376500	1882.5	1	13.53	14.00	1.114	0.06	0.057	0.064
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	376500	1882.5	1	13.53	14.00	1.114	0.12	0.055	0.061
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	376500	1882.5	1	13.53	14.00	1.114	0.02	0.143	0.159
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	376500	1882.5	1	13.53	14.00	1.114	0.06	0.023	0.026
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	17.56	19.00	1.393	0.12	0.035	0.049
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	17.56	19.00	1.393	-0.05	0.053	0.074
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	17.56	19.00	1.393	0.02	0.032	0.045
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	17.56	19.00	1.393	-0.13	0.039	0.054
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	State 8	376500	1882.5	1	17.53	19.00	1.403	-0.03	0.038	0.053
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	State 8	376500	1882.5	1	17.53	19.00	1.403	0.05	0.057	0.080
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 7	State 8	376500	1882.5	1	17.53	19.00	1.403	0.08	0.035	0.049
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	State 8	376500	1882.5	1	17.53	19.00	1.403	0.13	0.046	0.065
2300MHz																			
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-0.03	0.103	0.120
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	0.04	0.132	0.154
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	0.02	0.233	0.272
	LTE Band 30	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	17.33	18.00	1.167	-0.08	0.073	0.085
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	-0.07	0.092	0.107
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	0.01	0.112	0.131
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	0.06	0.186	0.217
	LTE Band 30	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 1	State 8	27710	2310	1	16.33	17.00	1.167	0.11	0.059	0.069
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 2	State 8	27710	2310	1	11.82	12.50	1.169	0.11	0.093	0.109
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 2	State 8	27710	2310	1	11.82	12.50	1.169	-0.03	0.103	0.120
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	11.82	12.50	1.169	0.05	0.281	0.329
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	11.82	12.50	1.169	0.08	0.008	0.009
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 2	State 8	27710	2310	1	10.83	11.50	1.167	0.02	0.075	0.088
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 2	State 8	27710	2310	1	10.83	11.50	1.167	-0.05	0.084	0.098
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 2	State 8	27710	2310	1	10.83	11.50	1.167	0.03	0.222	0.259
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 2	State 8	27710	2310	1	10.83	11.50	1.167	0.15	0.007	0.008
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-0.02	0.114	0.152



FCC SAR Test Report

Report No. : FA391308

	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	0.13	0.158	0.211
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	0.05	0.250	0.333
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	16.75	18.00	1.334	-0.02	0.091	0.121
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	0.08	0.097	0.130
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	0.1	0.137	0.184
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	0.13	0.215	0.289
	FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	10mm	Ant 1	State 8	462000	2310	1	16.72	18.00	1.343	-0.07	0.088	0.118
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	11.79	13.00	1.321	0.11	0.068	0.090
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	11.79	13.00	1.321	0.06	0.070	0.092
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	11.79	13.00	1.321	-0.03	0.173	0.229
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	11.79	13.00	1.321	0.02	0.008	0.011
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 2	State 8	462000	2310	1	11.76	13.00	1.330	0.1	0.069	0.092
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 2	State 8	462000	2310	1	11.76	13.00	1.330	-0.08	0.071	0.094
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 2	State 8	462000	2310	1	11.76	13.00	1.330	0.02	0.180	0.239
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 2	State 8	462000	2310	1	11.76	13.00	1.330	0.08	0.009	0.012
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	14.85	16.50	1.462	0.13	0.032	0.047
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	14.85	16.50	1.462	-0.06	0.036	0.053
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	14.85	16.50	1.462	-0.08	0.024	0.035
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	14.85	16.50	1.462	0.02	0.091	0.133
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 7	State 8	462000	2310	1	14.83	16.50	1.469	0.03	0.030	0.044
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 7	State 8	462000	2310	1	14.83	16.50	1.469	0.13	0.037	0.054
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 7	State 8	462000	2310	1	14.83	16.50	1.469	0.08	0.024	0.035
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 7	State 8	462000	2310	1	14.83	16.50	1.469	0.02	0.096	0.141
2600MHz																			
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 1	State 8	21100	2535	1	19.20	20.50	1.349	0.03	0.187	0.252
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 1	State 8	21100	2535	1	19.20	20.50	1.349	-0.1	0.236	0.318
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	19.20	20.50	1.349	0.05	0.341	0.460
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	19.20	20.50	1.349	-0.15	0.089	0.120
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 1	State 8	21100	2535	1	18.18	19.50	1.355	-0.05	0.150	0.203
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 1	State 8	21100	2535	1	18.18	19.50	1.355	0.01	0.200	0.271
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	State 8	21100	2535	1	18.18	19.50	1.355	-0.18	0.308	0.417
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	State 8	21100	2535	1	18.18	19.50	1.355	-0.17	0.088	0.119
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 2	State 8	21100	2535	1	11.88	13.00	1.294	0.06	0.052	0.067
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 2	State 8	21100	2535	1	11.88	13.00	1.294	-0.11	0.056	0.072
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	11.88	13.00	1.294	0.03	0.165	0.214
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	11.88	13.00	1.294	0.15	0.008	0.010
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 2	State 8	21100	2535	1	10.85	12.00	1.303	-0.05	0.044	0.057
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 2	State 8	21100	2535	1	10.85	12.00	1.303	0.08	0.049	0.064
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 2	State 8	21100	2535	1	10.85	12.00	1.303	0.02	0.129	0.168
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 2	State 8	21100	2535	1	10.85	12.00	1.303	0.11	0.007	0.009
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	State 8	507000	2535	1	20.95	22.00	1.274	0.13	0.190	0.242
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	State 8	507000	2535	1	20.95	22.00	1.274	0.18	0.251	0.320
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	State 8	507000	2535	1	20.95	22.00	1.274	0.16	0.404	0.514
	FR1 n7	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	State 8	507000	2535	1	20.95	22.00	1.274	-0.08	0.141	0.180
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	State 8	507000	2535	1	20.92	22.00	1.282	-0.08	0.174	0.223
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	State 8	507000	2535	1	20.92	22.00	1.282	0.11	0.255	0.327
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 1	State 8	507000	2535	1	20.92	22.00	1.282	0.08	0.394	0.505
	FR1 n7	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 1	State 8	507000	2535	1	20.92	22.00	1.282	0.13	0.130	0.167
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	State 8	507000	2535	1	11.98	13.00	1.265	0.16	0.060	0.076
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	State 8	507000	2535	1	11.98	13.00	1.265	0.05	0.071	0.090
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	State 8	507000	2535	1	11.98	13.00	1.265	-0.07	0.170	0.215
	FR1 n7	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 2	State 8	507000	2535	1	11.98	13.00	1.265	0.02	0.013	0.016
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	State 8	507000	2535	1	11.95	13.00	1.274	0.12	0.056	0.071
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	State 8	507000	2535	1	11.95	13.00	1.274	0.06	0.070	0.089
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	State 8	507000	2535	1	11.95	13.00	1.274	0.02	0.162	0.206
	FR1 n7	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 2	State 8	507000	2535	1	11.95	13.00	1.274	0.08	0.012	0.015



FCC SAR Test Report

Report No. : FA391308

FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	19.62	21.00	1.374	-0.16	0.172	0.236
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	19.62	21.00	1.374	0.11	0.222	0.305
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	19.62	21.00	1.374	-0.05	0.333	0.458
FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	19.62	21.00	1.374	-0.14	0.108	0.148
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	19.60	21.00	1.380	-0.05	0.149	0.206
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	19.60	21.00	1.380	-0.18	0.178	0.246
FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	19.60	21.00	1.380	0.08	0.299	0.413
FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	19.60	21.00	1.380	0.04	0.091	0.126
FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	12.16	13.50	1.361	0.06	0.064	0.087
FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	12.16	13.50	1.361	-0.05	0.076	0.103
FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	12.16	13.50	1.361	0.11	0.193	0.263
FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	12.16	13.50	1.361	0.08	0.013	0.018
FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	12.13	13.50	1.371	0.03	0.057	0.078
FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	12.13	13.50	1.371	-0.05	0.070	0.096
FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	12.13	13.50	1.371	-0.08	0.168	0.230
FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	12.13	13.50	1.371	0.07	0.012	0.016
3500MHz~3900MHz																		
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	556000	3840	1	19.67	20.50	1.211	0.14	0.181	0.219
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	556000	3840	1	19.67	20.50	1.211	0.07	0.154	0.186
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	19.67	20.50	1.211	-0.04	0.418	0.506
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	556000	3840	1	19.65	20.50	1.216	0.04	0.167	0.203
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	556000	3840	1	19.65	20.50	1.216	0.08	0.117	0.142
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	19.65	20.50	1.216	-0.16	0.400	0.486
FR1 n77	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 8	State 8	556000	3840	1	19.62	20.50	1.225	-0.11	0.380	0.465
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	State 8	533332	3499.98	1	19.15	20.50	1.365	0.05	0.165	0.225
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 8	State 8	533332	3499.98	1	19.15	20.50	1.365	-0.01	0.118	0.161
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 8	State 8	533332	3499.98	1	19.15	20.50	1.365	0.11	0.318	0.434
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 8	State 8	533332	3499.98	1	19.11	20.50	1.377	0.01	0.148	0.204
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 8	State 8	533332	3499.98	1	19.11	20.50	1.377	0.06	0.105	0.145
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 8	State 8	533332	3499.98	1	19.11	20.50	1.377	0.15	0.263	0.362
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	556000	3840	1	19.16	20.00	1.213	0.06	0.039	0.047
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	556000	3840	1	19.16	20.00	1.213	0.01	0.209	0.254
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	556000	3840	1	19.16	20.00	1.213	-0.1	0.033	0.040
FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	556000	3840	1	19.16	20.00	1.213	0.08	0.058	0.070
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	556000	3840	1	19.13	20.00	1.222	0.17	0.036	0.044
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	556000	3840	1	19.13	20.00	1.222	-0.16	0.199	0.243
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	556000	3840	1	19.13	20.00	1.222	0.17	0.030	0.037
FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	556000	3840	1	19.13	20.00	1.222	-0.12	0.053	0.065
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 9	State 8	533332	3499.98	1	18.69	20.00	1.352	-0.16	0.035	0.047
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 9	State 8	533332	3499.98	1	18.69	20.00	1.352	-0.11	0.247	0.334
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 9	State 8	533332	3499.98	1	18.69	20.00	1.352	-0.1	0.033	0.045
FR1 n77	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 9	State 8	533332	3499.98	1	18.69	20.00	1.352	0.11	0.093	0.126
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 9	State 8	533332	3499.98	1	18.65	20.00	1.365	-0.13	0.037	0.050
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 9	State 8	533332	3499.98	1	18.65	20.00	1.365	-0.11	0.251	0.343
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 9	State 8	533332	3499.98	1	18.65	20.00	1.365	-0.01	0.034	0.046
FR1 n77	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 9	State 8	533332	3499.98	1	18.65	20.00	1.365	-0.15	0.098	0.134
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	556000	3840	1	16.19	17.00	1.205	-0.02	0.025	0.030
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	556000	3840	1	16.19	17.00	1.205	-0.1	0.061	0.074
FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	556000	3840	1	16.19	17.00	1.205	0.15	0.016	0.019
FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	556000	3840	1	16.19	17.00	1.205	0.1	0.069	0.083
FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	556000	3840	1	16.15	17.00	1.216	0	0.026	0.032
FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	556000	3840	1	16.15	17.00	1.216	0.14	0.063	0.077
FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	556000	3840	1	16.15	17.00	1.216	-0.06	0.017	0.021
FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	556000	3840	1	16.15	17.00	1.216	0.15	0.071	0.086
FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	State 8	533332	3499.98	1	15.68	17.00	1.355	0.08	0.033	0.045
FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	State 8	533332	3499.98	1	15.68	17.00	1.355	0.12	0.036	0.049



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 7	State 8	633332	3499.98	1	15.68	17.00	1.355	0.04	0.014	0.019
	FR1 n77	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	State 8	633332	3499.98	1	15.68	17.00	1.355	0.1	0.060	0.081
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	State 8	633332	3499.98	1	15.65	17.00	1.365	0.16	0.034	0.046
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	State 8	633332	3499.98	1	15.65	17.00	1.365	0.13	0.038	0.052
	FR1 n77	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	State 8	633332	3499.98	1	15.65	17.00	1.365	0.1	0.016	0.022
	FR1 n77	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	State 8	633332	3499.98	1	15.65	17.00	1.365	0.09	0.063	0.086
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	556000	3840	1	24.13	25.00	1.222	0.06	0.051	0.062
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	556000	3840	1	24.13	25.00	1.222	0.04	0.152	0.186
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	556000	3840	1	24.13	25.00	1.222	-0.08	0.060	0.073
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	556000	3840	1	23.85	25.00	1.303	-0.12	0.063	0.082
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	556000	3840	1	23.85	25.00	1.303	0.04	0.156	0.203
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	556000	3840	1	23.85	25.00	1.303	0.06	0.074	0.096
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	0.13	0.048	0.065
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	0.12	0.083	0.113
	FR1 n77	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	State 8	633332	3499.98	1	23.65	25.00	1.365	0.07	0.056	0.076
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	0.12	0.045	0.064
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	-0.03	0.070	0.099
	FR1 n77	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	State 8	633332	3499.98	1	23.48	25.00	1.419	-0.13	0.052	0.074



<UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2600MHz																					
	FR1 n41	100M	QPSK	1	1	CP-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.04	0.217	0.304
	FR1 n41	100M	QPSK	1	1	CP-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	0.04	0.276	0.387
	FR1 n41	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.15	0.411	0.576
	FR1 n41	100M	QPSK	1	1	CP-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	0.16	0.129	0.181
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	23.59	24.50	1.233	50	1.000	0.16	0.420	0.518
	FR1 n41	100M	QPSK	137	68	CP-30	Front	10mm	Ant 1	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.05	0.194	0.275
	FR1 n41	100M	QPSK	137	68	CP-30	Back	10mm	Ant 1	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	0.04	0.236	0.335
	FR1 n41	100M	QPSK	137	68	CP-30	Left Side	10mm	Ant 1	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	0.02	0.377	0.535
	FR1 n41	100M	QPSK	137	68	CP-30	Bottom Side	10mm	Ant 1	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	0.09	0.111	0.157
	FR1 n41	100M	QPSK	1	1	CP-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	15.03	16.50	1.403	-	-	0.18	0.138	0.193
	FR1 n41	100M	QPSK	1	1	CP-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	15.03	16.50	1.403	-	-	0.1	0.168	0.235
	FR1 n41	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	15.03	16.50	1.403	-	-	-0.12	0.396	0.556
	FR1 n41	100M	QPSK	1	1	CP-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	15.03	16.50	1.403	-	-	0.09	0.024	0.033
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	18.12	19.00	1.225	50	1.000	-0.14	0.420	0.515
	FR1 n41	100M	QPSK	137	68	CP-30	Front	10mm	Ant 2	State 8	518598	2592.99	1	15.00	16.50	1.413	-	-	-0.14	0.121	0.170
	FR1 n41	100M	QPSK	137	68	CP-30	Back	10mm	Ant 2	State 8	518598	2592.99	1	15.00	16.50	1.413	-	-	0.06	0.165	0.234
	FR1 n41	100M	QPSK	137	68	CP-30	Left Side	10mm	Ant 2	State 8	518598	2592.99	1	15.00	16.50	1.413	-	-	-0.15	0.330	0.466
	FR1 n41	100M	QPSK	137	68	CP-30	Top Side	10mm	Ant 2	State 8	518598	2592.99	1	15.00	16.50	1.413	-	-	0.15	0.025	0.035
	FR1 n41	100M	QPSK	1	1	CP-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	15.55	17.00	1.396	-	-	-0.01	0.211	0.295
	FR1 n41	100M	QPSK	1	1	CP-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	15.55	17.00	1.396	-	-	0.08	0.149	0.209
	FR1 n41	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	15.55	17.00	1.396	-	-	-0.05	0.419	0.585
	FR1 n41	100M	QPSK	137	68	CP-30	Front	10mm	Ant 8	State 8	518598	2592.99	1	15.53	17.00	1.403	-	-	-0.12	0.216	0.303
	FR1 n41	100M	QPSK	137	68	CP-30	Back	10mm	Ant 8	State 8	518598	2592.99	1	15.53	17.00	1.403	-	-	0.19	0.156	0.219
	FR1 n41	100M	QPSK	137	68	CP-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	15.53	17.00	1.403	-	-	-0.12	0.421	0.591
	FR1 n41-HPUE	100M	QPSK	137	68	CP-30	Left Side	10mm	Ant 8	State 8	518598	2592.99	1	18.58	19.50	1.236	50	1.000	0.12	0.426	0.527
	FR1 n41	100M	QPSK	1	1	CP-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	0.11	0.029	0.041
	FR1 n41	100M	QPSK	1	1	CP-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.19	0.108	0.152
	FR1 n41	100M	QPSK	1	1	CP-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.05	0.019	0.027
	FR1 n41	100M	QPSK	1	1	CP-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.19	0.040	0.056
	FR1 n41	100M	QPSK	137	68	CP-30	Front	10mm	Ant 9	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.08	0.030	0.043
	FR1 n41	100M	QPSK	137	68	CP-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.13	0.110	0.156
	FR1 n41	100M	QPSK	137	68	CP-30	Left Side	10mm	Ant 9	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.01	0.021	0.030
	FR1 n41	100M	QPSK	137	68	CP-30	Bottom Side	10mm	Ant 9	State 8	518598	2592.99	1	20.48	22.00	1.419	-	-	0.11	0.047	0.067
	FR1 n41-HPUE	100M	QPSK	137	68	CP-30	Back	10mm	Ant 9	State 8	518598	2592.99	1	23.46	24.50	1.271	50	1.000	-0.07	0.103	0.131



FCC SAR Test Report

Report No. : FA391308

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Operating Mode	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																		
54	Bluetooth	DH5 1Mbps	Front	10mm	Ant 5	normal/camera	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	-0.11	0.079	0.142
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 5	normal/camera	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	-0.12	0.068	0.122
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 5	normal/camera	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	0.04	0.180	0.323
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	0.06	0.039	0.072
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	-0.03	0.037	0.068
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	0.11	0.019	0.035
	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	0.13	0.013	0.024
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	-0.06	0.016	0.030
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	0.01	0.025	0.047
	Bluetooth	DH5 1Mbps	Left Side	10mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	0.08	0.012	0.022
55	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	0.08	0.007	0.013
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 5	normal	Standalone	6	2437	1	17.50	19.00	1.413	97.46	1.026	0.07	0.166	0.241
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 5	normal	Standalone	6	2437	1	17.50	19.00	1.413	97.46	1.026	0.02	0.145	0.210
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 5	normal	Standalone	6	2437	1	17.50	19.00	1.413	97.46	1.026	-0.04	0.313	0.454
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	0.07	0.291	0.412
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	-0.04	0.290	0.411
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	-0.13	0.243	0.344
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	0.02	0.248	0.351
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 5+4	normal	Standalone	6	2437	1	20.91	22.00	1.285	97.46	1.026	0.09	0.140	0.185
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 5+4	normal	Standalone	6	2437	1	20.91	22.00	1.285	97.46	1.026	0.09	0.144	0.190
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 5+4	normal	Standalone	6	2437	1	20.91	22.00	1.285	97.46	1.026	-0.06	0.302	0.398
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 5+4	normal	Standalone	6	2437	1	20.91	22.00	1.285	97.46	1.026	0.02	0.082	0.108
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 5	camera	Standalone	6	2437	1	17.20	18.50	1.349	97.46	1.026	-0.07	0.168	0.233
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 5	camera	Standalone	6	2437	1	17.20	18.50	1.349	97.46	1.026	-0.1	0.155	0.215
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 5	camera	Standalone	6	2437	1	17.20	18.50	1.349	97.46	1.026	0.09	0.340	0.471
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	0.1	0.031	0.046
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	-0.02	0.151	0.224
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	-0.11	0.081	0.120
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	0.09	0.043	0.064
56	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 5+6	camera	Standalone	6	2437	1	19.67	21.00	1.358	97.46	1.026	-0.05	0.151	0.210
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 5+6	camera	Standalone	6	2437	1	19.67	21.00	1.358	97.46	1.026	-0.02	0.139	0.194
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 5+6	camera	Standalone	6	2437	1	19.67	21.00	1.358	97.46	1.026	-0.11	0.081	0.113
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 5+6	camera	Standalone	6	2437	1	19.67	21.00	1.358	97.46	1.026	0.09	0.337	0.470
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 5+6	camera	Standalone	6	2437	1	19.67	21.00	1.358	97.46	1.026	0.03	0.028	0.039
5000MHz																		
56	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	normal	Standalone	42	5210	1	13.66	15.50	1.528	100.00	1.000	0.06	0.123	0.188
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	normal	Standalone	42	5210	1	13.66	15.50	1.528	100.00	1.000	-0.03	0.144	0.220
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5	normal	Standalone	42	5210	1	13.66	15.50	1.528	100.00	1.000	0.02	0.247	0.377
	WLAN5.2GHz	802.11n-HT20 MCS0	Front	10mm	Ant 4	normal	full	44	5220	1	19.69	21.50	1.517	100.00	1.000	0.04	0.089	0.135
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	10mm	Ant 4	normal	full	44	5220	1	19.69	21.50	1.517	100.00	1.000	0.02	0.129	0.196
	WLAN5.2GHz	802.11n-HT20 MCS0	Right Side	10mm	Ant 4	normal	full	44	5220	1	19.69	21.50	1.517	100.00	1.000	0.1	0.073	0.111
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	10mm	Ant 4	normal	full	44	5220	1	19.69	21.50	1.517	100.00	1.000	-0.08	0.230	0.349
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+4	normal	Standalone	42	5210	1	16.94	18.50	1.432	100.00	1.000	0.03	0.125	0.179
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+4	normal	Standalone	42	5210	1	16.94	18.50	1.432	100.00	1.000	0.08	0.139	0.199
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+4	normal	Standalone	42	5210	1	16.94	18.50	1.432	100.00	1.000	0.07	0.251	0.359
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+4	normal	Standalone	42	5210	1	16.94	18.50	1.432	100.00	1.000	0.06	0.064	0.092
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	camera	Standalone	42	5210	1	13.75	15.50	1.496	100.00	1.000	-0.06	0.110	0.165
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	camera	Standalone	42	5210	1	13.75	15.50	1.496	100.00	1.000	-0.13	0.134	0.200
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5	camera	Standalone	42	5210	1	13.75	15.50	1.496	100.00	1.000	0.04	0.246	0.368
	WLAN5.2GHz	802.11n-HT20 MCS0	Front	10mm	Ant 6	camera	full	48	5240	1	18.45	20.00	1.429	100.00	1.000	0.09	0.067	0.096
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	10mm	Ant 6	camera	full	48	5240	1	18.45	20.00	1.429	100.00	1.000	-0.04	0.135	0.193
	WLAN5.2GHz	802.11n-HT20 MCS0	Left Side	10mm	Ant 6	camera	full	48	5240	1	18.45	20.00	1.429	100.00	1.000	-0.02	0.189	0.270
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	10mm	Ant 6	camera	full	48	5240	1	18.45	20.00	1.429	100.00	1.000	0.07	0.091	0.130



FCC SAR Test Report

Report No. : FA391308

	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+6	camera	Standalone	42	5210	1	16.00	17.50	1.413	100.00	1.000	0.08	0.100	0.141
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+6	camera	Standalone	42	5210	1	16.00	17.50	1.413	100.00	1.000	-0.07	0.152	0.215
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 5+6	camera	Standalone	42	5210	1	16.00	17.50	1.413	100.00	1.000	0.13	0.121	0.171
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+6	camera	Standalone	42	5210	1	16.00	17.50	1.413	100.00	1.000	-0.01	0.246	0.347
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+6	camera	Standalone	42	5210	1	16.00	17.50	1.413	100.00	1.000	0.03	0.068	0.096
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	normal	Standalone	155	5775	1	9.97	11.50	1.422	100.00	1.000	-0.07	0.090	0.128
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	normal	Standalone	155	5775	1	9.97	11.50	1.422	100.00	1.000	0.12	0.129	0.183
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5	normal	Standalone	155	5775	1	9.97	11.50	1.422	100.00	1.000	0.05	0.274	0.390
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 4	normal	Standalone	155	5775	1	17.22	18.50	1.343	100.00	1.000	0.11	0.135	0.181
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 4	normal	Standalone	155	5775	1	17.22	18.50	1.343	100.00	1.000	-0.04	0.287	0.385
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 4	normal	Standalone	155	5775	1	17.22	18.50	1.343	100.00	1.000	0.08	0.177	0.238
57	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 4	normal	Standalone	155	5775	1	17.22	18.50	1.343	100.00	1.000	-0.02	0.323	0.434
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 4	normal	Standalone	155	5775	2	17.22	18.50	1.343	100.00	1.000	0.09	0.302	0.406
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+4	normal	Standalone	155	5775	1	12.80	14.00	1.318	100.00	1.000	0.09	0.095	0.125
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+4	normal	Standalone	155	5775	1	12.80	14.00	1.318	100.00	1.000	0.06	0.128	0.169
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+4	normal	Standalone	155	5775	1	12.80	14.00	1.318	100.00	1.000	-0.05	0.274	0.361
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+4	normal	Standalone	155	5775	1	12.80	14.00	1.318	100.00	1.000	0.1	0.106	0.140
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5	camera	Standalone	155	5775	1	10.13	12.00	1.538	100.00	1.000	0.05	0.104	0.160
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5	camera	Standalone	155	5775	1	10.13	12.00	1.538	100.00	1.000	0.1	0.150	0.231
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5	camera	Standalone	155	5775	1	10.13	12.00	1.538	100.00	1.000	-0.05	0.282	0.434
	WLAN5.8GHz	802.11a 6Mbps	Front	10mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	0.07	0.025	0.035
	WLAN5.8GHz	802.11a 6Mbps	Back	10mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	-0.11	0.181	0.251
	WLAN5.8GHz	802.11a 6Mbps	Left Side	10mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	0.13	0.143	0.198
	WLAN5.8GHz	802.11a 6Mbps	Top Side	10mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	0.01	0.111	0.154
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+6	camera	Standalone	155	5775	1	12.06	14.00	1.563	100.00	1.000	-0.06	0.094	0.147
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+6	camera	Standalone	155	5775	1	12.06	14.00	1.563	100.00	1.000	-0.09	0.201	0.314
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 5+6	camera	Standalone	155	5775	1	12.06	14.00	1.563	100.00	1.000	-0.06	0.124	0.194
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+6	camera	Standalone	155	5775	1	12.06	14.00	1.563	100.00	1.000	0.02	0.276	0.431
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+6	camera	Standalone	155	5775	1	12.06	14.00	1.563	100.00	1.000	0.09	0.088	0.138



14.3 Body Worn Accessory SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																					
58	LTE Band 71	20M	QPSK	1	49	-	Front	15mm	Ant 0	State 10/9	133297	680.5	1	24.80	26.00	1.318	-	-	-0.01	0.216	0.285
	LTE Band 71	20M	QPSK	1	49	-	Back	15mm	Ant 0	State 10/9	133297	680.5	1	24.80	26.00	1.318	-	-	-0.13	0.229	0.302
	LTE Band 71	20M	QPSK	50	24	-	Front	15mm	Ant 0	State 10/9	133297	680.5	1	23.75	25.00	1.334	-	-	-0.04	0.179	0.239
	LTE Band 71	20M	QPSK	50	24	-	Back	15mm	Ant 0	State 10/9	133297	680.5	1	23.75	25.00	1.334	-	-	0.12	0.196	0.261
	LTE Band 71	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	133297	680.5	1	24.80	26.00	1.318	-	-	0.01	0.056	0.074
	LTE Band 71	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	133297	680.5	1	24.80	26.00	1.318	-	-	-0.13	0.054	0.071
	LTE Band 71	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	133297	680.5	1	23.75	25.00	1.334	-	-	-0.01	0.046	0.061
	LTE Band 71	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	133297	680.5	1	23.75	25.00	1.334	-	-	0.14	0.043	0.057
59	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	24.43	26.00	1.435	-	-	0.12	0.160	0.230
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	24.43	26.00	1.435	-	-	0.09	0.172	0.247
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	23.48	25.00	1.419	-	-	0.14	0.136	0.193
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	23.48	25.00	1.419	-	-	0.04	0.153	0.217
	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	24.43	26.00	1.435	-	-	-0.1	0.131	0.188
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	24.43	26.00	1.435	-	-	-0.07	0.128	0.184
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	23.48	25.00	1.419	-	-	0.03	0.105	0.149
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	23.48	25.00	1.419	-	-	0	0.104	0.148
60	FR1 n71	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	136100	680.5	1	24.63	26.00	1.371	-	-	0.14	0.232	0.318
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	136100	680.5	1	24.63	26.00	1.371	-	-	0.09	0.251	0.344
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	State 10/9	136100	680.5	1	24.54	26.00	1.400	-	-	-0.09	0.198	0.277
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	State 10/9	136100	680.5	1	24.54	26.00	1.400	-	-	0.14	0.201	0.281
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	136100	680.5	1	24.63	26.00	1.371	-	-	-0.12	0.070	0.096
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	136100	680.5	1	24.63	26.00	1.371	-	-	-0.07	0.066	0.090
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 2	State 10/9	136100	680.5	1	24.54	26.00	1.400	-	-	-0.05	0.060	0.084
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 2	State 10/9	136100	680.5	1	24.54	26.00	1.400	-	-	0.04	0.058	0.081
61	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	24.56	26.00	1.393	-	-	-0.12	0.135	0.188
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	24.56	26.00	1.393	-	-	-0.03	0.145	0.202
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	24.52	26.00	1.406	-	-	0.05	0.153	0.215
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	24.52	26.00	1.406	-	-	0.02	0.171	0.240
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	24.56	26.00	1.393	-	-	-0.1	0.121	0.169
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	24.56	26.00	1.393	-	-	-0.06	0.116	0.162
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	24.52	26.00	1.406	-	-	-0.1	0.134	0.188
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	24.52	26.00	1.406	-	-	-0.02	0.132	0.186
835MHz																					
62	GSM850	-	-	-	-	GPRS(2 Tx slots)	Front	15mm	Ant 0	State 10/9	189	836.4	1	31.51	33.00	1.409	-	-	-0.12	0.245	0.345
	GSM850	-	-	-	-	GPRS(2 Tx slots)	Back	15mm	Ant 0	State 10/9	189	836.4	1	31.51	33.00	1.409	-	-	0.12	0.302	0.426
63	WCDMA V	-	-	-	-	RM C 12.2Kbps	Front	15mm	Ant 0	State 10/9	4182	836.4	1	24.72	26.00	1.343	-	-	0.01	0.307	0.412
	WCDMA V	-	-	-	-	RM C 12.2Kbps	Back	15mm	Ant 0	State 10/9	4182	836.4	1	24.72	26.00	1.343	-	-	-0.09	0.377	0.506
	WCDMA V	-	-	-	-	RM C 12.2Kbps	Back	15mm	Ant 0	State 10/9	4182	836.4	2	24.72	26.00	1.343	-	-	-0.04	0.306	0.411
	WCDMA V	-	-	-	-	RM C 12.2Kbps	Front	15mm	Ant 2	State 10/9	4182	836.4	1	24.72	26.00	1.343	-	-	-0.08	0.153	0.205
	WCDMA V	-	-	-	-	RM C 12.2Kbps	Back	15mm	Ant 2	State 10/9	4182	836.4	1	24.72	26.00	1.343	-	-	-0.06	0.142	0.191
	WCDMA V	-	-	-	-	RM C 12.2Kbps	Back	15mm	Ant 2	State 10/9	4182	836.4	1	24.72	26.00	1.343	-	-	-0.06	0.142	0.191
64	LTE Band 26	15M	QPSK	1	37	-	Front	15mm	Ant 0	State 10/9	26865	831.5	1	24.47	26.00	1.422	-	-	-0.1	0.265	0.377
	LTE Band 26	15M	QPSK	1	37	-	Back	15mm	Ant 0	State 10/9	26865	831.5	1	24.47	26.00	1.422	-	-	-0.01	0.295	0.420
	LTE Band 5B	10M	QPSK	1	0	-	Back	15mm	Ant 0	State 10/9	20575 20476	836.5 831.6	1	24.26	26.00	1.493	-	-	-0.06	0.276	0.412
	LTE Band 26	15M	QPSK	36	20	-	Front	15mm	Ant 0	State 10/9	26865	831.5	1	23.56	25.00	1.393	-	-	0.01	0.214	0.298
	LTE Band 26	15M	QPSK	36	20	-	Back	15mm	Ant 0	State 10/9	26865	831.5	1	23.56	25.00	1.393	-	-	-0.13	0.229	0.319
	LTE Band 26	15M	QPSK	1	37	-	Front	15mm	Ant 2	State 10/9	26865	831.5	1	24.47	26.00	1.422	-	-	-0.13	0.141	0.201
	LTE Band 5B	10M	QPSK	1	0	-	Front	15mm	Ant 2	State 10/9	20575 20476	836.5 831.6	1	24.26	26.00	1.493	-	-	0.15	0.127	0.190
	LTE Band 26	15M	QPSK	1	37	-	Back	15mm	Ant 2	State 10/9	26865	831.5	1	24.47	26.00	1.422	-	-	0.09	0.124	0.176
	LTE Band 26	15M	QPSK	36	20	-	Front	15mm	Ant 2	State 10/9	26865	831.5	1	23.56	25.00	1.393	-	-	-0.13	0.115	0.160
	LTE Band 26	15M	QPSK	36	20	-	Back	15mm	Ant 2	State 10/9	26865	831.5	1	23.56	25.00	1.393	-	-	0.16	0.101	0.141



FCC SAR Test Report

Report No. : FA391308

	FR1 n26	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	166300	831.5	1	24.68	26.00	1.355	-	-	-0.08	0.218	0.295
	FR1 n26	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	166300	831.5	1	24.68	26.00	1.355	-	-	0.13	0.227	0.308
	FR1 n26	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	State 10/9	166300	831.5	1	24.58	26.00	1.387	-	-	0.06	0.240	0.333
65	FR1 n26	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	State 10/9	166300	831.5	1	24.58	26.00	1.387	-	-	-0.01	0.254	0.352
	FR1 n26	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	166300	831.5	1	24.68	26.00	1.355	-	-	-0.06	0.157	0.213
	FR1 n26	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	166300	831.5	1	24.68	26.00	1.355	-	-	0.13	0.135	0.183
	FR1 n26	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 2	State 10/9	166300	831.5	1	24.58	26.00	1.387	-	-	0.05	0.129	0.179
	FR1 n26	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 2	State 10/9	166300	831.5	1	24.58	26.00	1.387	-	-	0.12	0.114	0.158
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	State 10/9	1413	1732.6	1	24.10	25.00	1.230	-	-	-0.15	0.203	0.250
66	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	State 10/9	1413	1732.6	1	24.10	25.00	1.230	-	-	0.05	0.285	0.351
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	State 10/9	1413	1732.6	1	20.89	22.00	1.291	-	-	-0.09	0.200	0.258
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	State 10/9	1413	1732.6	1	20.89	22.00	1.291	-	-	-0.03	0.172	0.222
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	23.98	25.00	1.265	-	-	-0.07	0.200	0.253
67	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	23.98	25.00	1.265	-	-	-0.05	0.277	0.350
	LTE Band 66C	20M	QPSK	1	0	-	Back	15mm	Ant 1	State 10/9	132322 132520	1745 1764.8	1	23.60	25.00	1.380	-	-	0.14	0.206	0.284
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	23.04	24.00	1.247	-	-	-0.08	0.153	0.191
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	23.04	24.00	1.247	-	-	-0.06	0.201	0.251
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	21.92	23.00	1.282	-	-	-0.15	0.204	0.262
	LTE Band 66C	20M	QPSK	1	0	-	Front	15mm	Ant 2	State 10/9	132322 132520	1745 1764.8	1	21.70	23.00	1.349	-	-	0.16	0.192	0.259
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	21.92	23.00	1.282	-	-	-0.03	0.179	0.230
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	20.75	22.00	1.334	-	-	-0.04	0.153	0.204
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	20.75	22.00	1.334	-	-	0.14	0.129	0.172
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	23.09	24.50	1.384	-	-	-0.06	0.015	0.021
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	23.09	24.50	1.384	-	-	0.1	0.050	0.069
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	22.17	23.50	1.358	-	-	0.02	0.013	0.018
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	22.17	23.50	1.358	-	-	0.15	0.040	0.054
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	24.53	25.00	1.114	-	-	0.12	0.211	0.235
68	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	24.53	25.00	1.114	-	-	-0.07	0.218	0.243
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	24.36	25.00	1.159	-	-	0.12	0.195	0.226
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	24.36	25.00	1.159	-	-	-0.06	0.206	0.239
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	22.05	22.50	1.109	-	-	-0.08	0.214	0.237
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	22.05	22.50	1.109	-	-	0.06	0.199	0.221
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	22.03	22.50	1.114	-	-	0.03	0.203	0.226
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	22.03	22.50	1.114	-	-	-0.09	0.193	0.215
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	22.95	24.50	1.429	-	-	0.11	0.014	0.020
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	22.95	24.50	1.429	-	-	0.05	0.042	0.060
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	22.90	24.50	1.445	-	-	-0.08	0.013	0.019
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	22.90	24.50	1.445	-	-	0.07	0.039	0.056
1900MHz																					
	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Front	15mm	Ant 1	State 10/9	661	1880	1	29.89	31.00	1.291	-	-	-0.16	0.139	0.179
69	GSM1900	-	-	-	-	GPRS(2 Tx slots)	Back	15mm	Ant 1	State 10/9	661	1880	1	29.89	31.00	1.291	-	-	-0.1	0.169	0.218
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	State 10/9	9400	1880	1	24.08	25.00	1.236	-	-	0.06	0.151	0.187
70	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	State 10/9	9400	1880	1	24.08	25.00	1.236	-	-	-0.03	0.187	0.231
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	State 10/9	9400	1880	1	21.34	22.50	1.306	-	-	-0.04	0.140	0.183
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	State 10/9	9400	1880	1	21.34	22.50	1.306	-	-	0.07	0.171	0.223
	LTE Band 25	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	26340	1880	1	23.81	25.00	1.315	-	-	-0.02	0.205	0.270
71	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	26340	1880	1	23.81	25.00	1.315	-	-	-0.07	0.269	0.354
	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	26340	1880	2	23.81	25.00	1.315	-	-	-0.14	0.224	0.295
	LTE Band 2C	20M	QPSK	1	0	-	Back	15mm	Ant 1	State 10/9	18900 19098	1880 1899.8	1	23.39	25.00	1.449	-	-	-0.04	0.191	0.277
	LTE Band 25	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	26340	1880	1	22.83	24.00	1.309	-	-	0.11	0.161	0.211
	LTE Band 25	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	26340	1880	1	22.83	24.00	1.309	-	-	-0.04	0.210	0.275
	LTE Band 25	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	26340	1880	1	21.78	23.00	1.324	-	-	-0.07	0.171	0.226
	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	26340	1880	1	21.78	23.00	1.324	-	-	-0.05	0.177	0.234
	LTE Band 2C	20M	QPSK	1	0	-	Back	15mm	Ant 2	State 10/9	18900 19098	1880 1899.8	1	21.45	23.00	1.429	-	-	0.1	0.162	0.231



FCC SAR Test Report

Report No. : FA391308

	LTE Band 25	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	26340	1880	1	20.61	22.00	1.377	-	-	-0.06	0.142	0.196
	LTE Band 25	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	26340	1880	1	20.61	22.00	1.377	-	-	-0.14	0.148	0.204
	LTE Band 25	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	26340	1880	1	23.05	24.50	1.396	-	-	0.02	0.103	0.144
	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	26340	1880	1	23.05	24.50	1.396	-	-	-0.03	0.155	0.216
	LTE Band 25	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	26340	1880	1	22.04	23.50	1.400	-	-	-0.01	0.082	0.115
	LTE Band 25	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	26340	1880	1	22.04	23.50	1.400	-	-	-0.01	0.129	0.181
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	376500	1882.5	1	24.53	25.00	1.114	-	-	-0.02	0.215	0.240
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	376500	1882.5	1	24.53	25.00	1.114	-	-	-0.02	0.264	0.294
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	376500	1882.5	1	24.45	25.00	1.135	-	-	0.11	0.216	0.245
72	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	376500	1882.5	1	24.45	25.00	1.135	-	-	-0.12	0.268	0.304
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	376500	1882.5	1	22.55	23.00	1.109	-	-	-0.12	0.188	0.209
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	376500	1882.5	1	22.55	23.00	1.109	-	-	-0.07	0.195	0.216
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	-	-	-0.07	0.200	0.223
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	-	-	0.08	0.226	0.252
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	23.03	24.50	1.403	-	-	-0.03	0.057	0.080
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	23.03	24.50	1.403	-	-	-0.15	0.076	0.107
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	22.85	24.50	1.462	-	-	0.16	0.064	0.094
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	22.85	24.50	1.462	-	-	0.12	0.080	0.117
2300MHz																					
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	17.33	18.00	1.167	-	-	-0.1	0.059	0.069
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	17.33	18.00	1.167	-	-	-0.02	0.062	0.072
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	16.33	17.00	1.167	-	-	0.06	0.046	0.054
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	16.33	17.00	1.167	-	-	0.15	0.054	0.063
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	17.33	18.00	1.167	-	-	-0.12	0.124	0.145
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	17.33	18.00	1.167	-	-	0.15	0.128	0.149
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	16.33	17.00	1.167	-	-	0.04	0.093	0.109
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	16.33	17.00	1.167	-	-	0.01	0.104	0.121
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 7	State 10/9	27710	2310	1	21.85	23.50	1.462	-	-	-0.06	0.129	0.189
73	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 7	State 10/9	27710	2310	1	21.85	23.50	1.462	-	-	-0.09	0.194	0.284
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 7	State 10/9	27710	2310	1	20.82	22.50	1.472	-	-	0.15	0.101	0.149
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 7	State 10/9	27710	2310	1	20.82	22.50	1.472	-	-	-0.07	0.151	0.222
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	16.75	18.00	1.334	-	-	0.14	0.055	0.073
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	16.75	18.00	1.334	-	-	-0.15	0.063	0.084
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	16.72	18.00	1.343	-	-	-0.1	0.053	0.071
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	16.72	18.00	1.343	-	-	0.02	0.060	0.081
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	16.75	18.00	1.334	-	-	-0.15	0.119	0.159
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	16.75	18.00	1.334	-	-	-0.13	0.121	0.161
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	16.72	18.00	1.343	-	-	0.09	0.117	0.157
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	16.72	18.00	1.343	-	-	0.15	0.119	0.160
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	22.82	24.50	1.472	-	-	-0.02	0.113	0.166
74	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	22.82	24.50	1.472	-	-	-0.02	0.145	0.213
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	22.68	24.50	1.521	-	-	0.03	0.109	0.166
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	22.68	24.50	1.521	-	-	-0.1	0.113	0.172
2600MHz																					
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	21.73	23.00	1.340	-	-	-0.15	0.114	0.153
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	21.73	23.00	1.340	-	-	0.13	0.137	0.184
	LTE Band 7C	20M	QPSK	1	0	-	Back	15mm	Ant 1	State 10/9	21100 21298	2535 2554.8	1	21.70	23.00	1.349	-	-	-0.12	0.130	0.175
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	20.75	22.00	1.334	-	-	-0.05	0.086	0.115
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	20.75	22.00	1.334	-	-	0.1	0.102	0.136
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	21100	2535	1	23.84	25.00	1.306	-	-	0.07	0.270	0.353
75	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	21100	2535	1	23.84	25.00	1.306	-	-	0.01	0.441	0.576
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	21100	2535	2	23.84	25.00	1.306	-	-	0.04	0.426	0.556
	LTE Band 7C	20M	QPSK	1	0	-	Back	15mm	Ant 2	State 10/9	21100 21298	2535 2554.8	1	23.80	25.00	1.318	-	-	-0.07	0.358	0.472
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	21100	2535	1	22.87	24.00	1.297	-	-	0.04	0.240	0.311
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	21100	2535	1	22.87	24.00	1.297	-	-	-0.03	0.356	0.462



FCC SAR Test Report

Report No. : FA391308

	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.07	0.097	0.110
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.15	0.148	0.168
	LTE Band 41C	20M	QPSK	1	0	-	Back	15mm	Ant 1	State 10/9	41055 41253	2636.5 2656.3	1	23.90	25.00	1.288	62.9	1.006	-0.12	0.126	0.163
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	41055	2636.5	1	26.13	27.50	1.371	42.9	1.009	0.04	0.151	0.209
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Back	15mm	Ant 1	State 10/9	41055 41253	2636.5 2656.3	1	25.86	27.50	1.459	42.9	1.009	0.1	0.119	0.175
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.12	0.079	0.095
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.09	0.108	0.130
	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.05	0.156	0.177
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.11	0.185	0.210
	LTE Band 41C	20M	QPSK	1	0	-	Back	15mm	Ant 2	State 10/9	41055 41253	2636.5 2656.3	1	23.90	25.00	1.288	62.9	1.006	-0.11	0.161	0.209
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	41055	2636.5	1	26.13	27.50	1.371	42.9	1.009	0.06	0.181	0.250
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Back	15mm	Ant 2	State 10/9	41055 41253	2636.5 2656.3	1	25.86	27.50	1.459	42.9	1.009	-0.07	0.165	0.243
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.01	0.138	0.166
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.04	0.147	0.177
	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 8	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.05	0.291	0.330
	LTE Band 41C	20M	QPSK	1	0	-	Front	15mm	Ant 8	State 10/9	41055 41253	2636.5 2656.3	1	23.90	25.00	1.288	62.9	1.006	0.12	0.277	0.359
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 8	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.11	0.254	0.288
76	LTE Band 41-HPUE	20M	QPSK	1	49	-	Front	15mm	Ant 8	State 10/9	41055	2636.5	1	26.13	27.50	1.371	42.9	1.009	0.05	0.263	0.364
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Front	15mm	Ant 8	State 10/9	41055 41253	2636.5 2656.3	1	25.86	27.50	1.459	42.9	1.009	-0.02	0.227	0.334
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 8	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	-0.05	0.268	0.322
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 8	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.02	0.238	0.286
	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 9	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.03	0.019	0.022
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 9	State 10/9	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.06	0.035	0.040
	LTE Band 41C	20M	QPSK	1	0	-	Back	15mm	Ant 9	State 10/9	41055 41253	2636.5 2656.3	1	23.90	25.00	1.288	62.9	1.006	-0.14	0.030	0.039
	LTE Band 41-HPUE	20M	QPSK	1	49	-	Back	15mm	Ant 9	State 10/9	41055	2636.5	1	26.13	27.50	1.371	42.9	1.009	-0.06	0.034	0.047
	LTE Band 41C-HPUE	20M	QPSK	1	0	-	Back	15mm	Ant 9	State 10/9	41055 41253	2636.5 2656.3	1	25.86	27.50	1.459	42.9	1.009	0.02	0.028	0.041
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 9	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.14	0.014	0.017
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 9	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.01	0.024	0.029
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	507000	2535	1	23.92	25.00	1.282	-	-	0.07	0.203	0.260
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	507000	2535	1	23.92	25.00	1.282	-	-	-0.12	0.262	0.336
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	507000	2535	1	23.83	25.00	1.309	-	-	0.03	0.190	0.249
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	507000	2535	1	23.83	25.00	1.309	-	-	0.02	0.258	0.338
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	507000	2535	1	22.95	24.00	1.274	-	-	-0.1	0.302	0.385
77	FR1 n7	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	507000	2535	1	22.95	24.00	1.274	-	-	-0.07	0.412	0.525
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	507000	2535	1	22.93	24.00	1.279	-	-	0.08	0.292	0.374
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	507000	2535	1	22.93	24.00	1.279	-	-	0.01	0.387	0.495
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	21.11	22.50	1.377	-	-	-0.08	0.145	0.200
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	21.11	22.50	1.377	-	-	-0.14	0.165	0.227
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	23.89	25.00	1.291	50	1.000	0.04	0.146	0.189
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	21.09	22.50	1.384	-	-	-0.1	0.112	0.155
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	21.09	22.50	1.384	-	-	-0.09	0.127	0.176
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	22.10	23.50	1.380	-	-	0.1	0.256	0.353
78	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	22.10	23.50	1.380	-	-	-0.06	0.321	0.443
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	24.88	26.00	1.294	50	1.000	-0.14	0.278	0.360
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	22.07	23.50	1.390	-	-	0.01	0.253	0.352
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	22.07	23.50	1.390	-	-	-0.14	0.289	0.402
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.60	20.00	1.380	-	-	0.12	0.096	0.133
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.60	20.00	1.380	-	-	-0.15	0.084	0.116
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.58	20.00	1.387	-	-	0.03	0.111	0.154
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.58	20.00	1.387	-	-	-0.07	0.098	0.136
	FR1 n41-HPUE	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	21.35	22.50	1.303	50	1.000	0.16	0.100	0.130
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	23.59	25.00	1.384	-	-	0.02	0.019	0.026
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	23.59	25.00	1.384	-	-	-0.1	0.054	0.075
	FR1 n41-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	26.36	27.50	1.300	50	1.000	-0.15	0.049	0.064



FCC SAR Test Report

Report No. : FA391308

	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	23.41	25.00	1.442	-	-	0.15	0.011	0.016
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	23.41	25.00	1.442	-	-	-0.07	0.047	0.068
3500MHz-3900MHz																					
	LTE Band 48	20M	QPSK	1	49	-	Front	15mm	Ant 8	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.11	0.099	0.143
	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 8	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.04	0.103	0.148
	LTE Band 48C	20M	QPSK	1	0	-	Back	15mm	Ant 8	State 10/9	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	-0.05	0.084	0.109
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 8	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.07	0.079	0.115
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 8	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.08	0.087	0.127
	LTE Band 48	20M	QPSK	1	49	-	Front	15mm	Ant 9	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	0.1	0.045	0.065
79	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 9	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	0.05	0.340	0.490
	LTE Band 48C	20M	QPSK	1	0	-	Back	15mm	Ant 9	State 10/9	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	0	0.321	0.415
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 9	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.09	0.024	0.035
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 9	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.15	0.260	0.378
	LTE Band 48	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.06	0.079	0.114
	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	0.08	0.082	0.118
	LTE Band 48C	20M	QPSK	1	0	-	Back	15mm	Ant 7	State 10/9	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	0.03	0.080	0.103
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.02	0.060	0.087
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	0.12	0.063	0.092
	LTE Band 48	20M	QPSK	1	49	-	Front	15mm	Ant 10	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.09	0.015	0.022
	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 10	State 10/9	55830	3609	1	23.44	25.00	1.432	62.9	1.006	-0.15	0.033	0.048
	LTE Band 48C	20M	QPSK	1	0	-	Back	15mm	Ant 10	State 10/9	55830 56028	3609 3628.8	1	17.41	18.50	1.285	62.9	1.006	0.07	0.019	0.025
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 10	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.06	0.012	0.017
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 10	State 10/9	55830	3609	1	22.40	24.00	1.445	62.9	1.006	-0.07	0.029	0.042
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	-0.04	0.112	0.138
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	0.09	0.118	0.146
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	15mm	Ant 8	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.14	0.098	0.124
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	15mm	Ant 8	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	0.06	0.113	0.143
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	0	0.064	0.079
80	FR1 n48	40M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	-0.03	0.380	0.469
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	15mm	Ant 9	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	0.14	0.061	0.077
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	15mm	Ant 9	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.04	0.367	0.463
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	0.07	0.080	0.099
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	0.05	0.089	0.110
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	15mm	Ant 7	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.06	0.085	0.107
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	15mm	Ant 7	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	-0.1	0.095	0.120
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	-0.12	0.019	0.023
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	641666	3624.99	1	22.59	23.50	1.233	-	-	0.11	0.042	0.052
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	15mm	Ant 10	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	0	0.013	0.016
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	15mm	Ant 10	State 10/9	641666	3624.99	1	22.49	23.50	1.262	-	-	0.13	0.057	0.072
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.15	21.00	1.216	-	-	-0.1	0.072	0.088
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.15	21.00	1.216	-	-	-0.03	0.080	0.097
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	22.85	23.50	1.161	50	1.000	0.11	0.076	0.088
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.13	21.00	1.222	-	-	-0.09	0.067	0.082
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.13	21.00	1.222	-	-	-0.12	0.074	0.090
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.66	21.00	1.361	-	-	-0.13	0.057	0.078
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.66	21.00	1.361	-	-	0.09	0.067	0.091
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	22.40	23.50	1.288	50	1.000	-0.01	0.068	0.088
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.62	21.00	1.374	-	-	0.15	0.048	0.066
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.62	21.00	1.374	-	-	0.011	0.061	0.084
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	656000	3840	1	24.13	25.00	1.222	-	-	-0.08	0.081	0.099
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	24.13	25.00	1.222	-	-	0.03	0.397	0.485
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	26.82	27.50	1.169	50	1.000	-0.13	0.400	0.468
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	656000	3840	1	23.85	25.00	1.303	-	-	-0.04	0.061	0.079
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	23.85	25.00	1.303	-	-	0.1	0.298	0.388
	FR1 n77	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	23.82	25.00	1.312	-	-	0.09	0.303	0.398



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	0.12	0.052	0.071
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	-0.07	0.386	0.527
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	0.09	0.063	0.089
81	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	-0.12	0.446	0.633
	FR1 n77- AeroActive cooler	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	0.03	0.326	0.463
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	2	23.48	25.00	1.419	-	-	-0.13	0.432	0.613
	FR1 n77-HPUE	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	1	26.17	27.50	1.358	50	1.000	-0.06	0.441	0.599
	FR1 n77	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 9	State 10/9	6333323499.98	1	23.28	25.00	1.486	-	-	0.07	0.419	0.623
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	6560003840	1	24.13	25.00	1.222	-	-	-0.09	0.072	0.088
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	6560003840	1	24.13	25.00	1.222	-	-	-0.13	0.190	0.232
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	6560003840	1	26.82	27.50	1.169	50	1.000	-0.15	0.193	0.226
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	6560003840	1	23.85	25.00	1.303	-	-	0.15	0.056	0.073
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	6560003840	1	23.85	25.00	1.303	-	-	0.16	0.170	0.222
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	-0.09	0.096	0.131
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	-0.04	0.113	0.154
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	6333323499.98	1	26.38	27.50	1.294	50	1.000	-0.06	0.103	0.133
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	0.11	0.094	0.133
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	-0.16	0.103	0.146
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	6560003840	1	24.13	25.00	1.222	-	-	-0.06	0.021	0.026
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	6560003840	1	24.13	25.00	1.222	-	-	0.07	0.071	0.087
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	6560003840	1	26.82	27.50	1.169	50	1.000	0.07	0.069	0.081
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	6560003840	1	23.85	25.00	1.303	-	-	0.09	0.019	0.025
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	6560003840	1	23.85	25.00	1.303	-	-	0.13	0.061	0.079
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	0	0.013	0.018
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	6333323499.98	1	23.65	25.00	1.365	-	-	-0.11	0.038	0.052
	FR1 n77-HPUE	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	6333323499.98	1	26.38	27.50	1.294	50	1.000	0.13	0.033	0.043
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	-0.14	0.010	0.014
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	6333323499.98	1	23.48	25.00	1.419	-	-	0.16	0.035	0.050



<Inter CA Mode>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 71	20M	QPSK	1	49	-	Front	15mm	Ant 0	State 10/9	133297	680.5	1	21.91	23.00	1.285	-0.07	0.103	0.132
	LTE Band 71	20M	QPSK	1	49	-	Back	15mm	Ant 0	State 10/9	133297	680.5	1	21.91	23.00	1.285	0.03	0.118	0.152
	LTE Band 71	20M	QPSK	50	24	-	Front	15mm	Ant 0	State 10/9	133297	680.5	1	20.85	22.00	1.303	-0.05	0.091	0.118
	LTE Band 71	20M	QPSK	50	24	-	Back	15mm	Ant 0	State 10/9	133297	680.5	1	20.85	22.00	1.303	0.18	0.102	0.133
	LTE Band 71	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	133297	680.5	1	21.91	23.00	1.285	0.17	0.029	0.037
	LTE Band 71	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	133297	680.5	1	21.91	23.00	1.285	0.18	0.028	0.036
	LTE Band 71	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	133297	680.5	1	20.85	22.00	1.303	0	0.023	0.031
	LTE Band 71	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	133297	680.5	1	20.85	22.00	1.303	-0.08	0.022	0.028
	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	21.54	23.00	1.400	0.01	0.083	0.116
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	21.54	23.00	1.400	0.07	0.089	0.125
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	20.57	22.00	1.390	-0.15	0.078	0.108
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	20.57	22.00	1.390	0.06	0.083	0.115
	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	21.54	23.00	1.400	-0.01	0.065	0.091
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	21.54	23.00	1.400	0.15	0.067	0.094
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	20.57	22.00	1.390	0.14	0.058	0.081
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	20.57	22.00	1.390	0.13	0.062	0.086
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	21.66	23.00	1.361	0.12	0.069	0.094
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	21.66	23.00	1.361	0.01	0.072	0.098
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	21.51	23.00	1.409	-0.02	0.076	0.107
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	21.51	23.00	1.409	0.17	0.089	0.126
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	21.66	23.00	1.361	-0.19	0.059	0.081
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	21.66	23.00	1.361	-0.19	0.057	0.077
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	21.51	23.00	1.409	-0.03	0.067	0.094
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	21.51	23.00	1.409	-0.01	0.063	0.089
835MHz																			
	LTE Band 26	15M	QPSK	1	37	-	Front	15mm	Ant 0	State 10/9	26865	831.5	1	21.62	23.00	1.374	0.19	0.128	0.175
	LTE Band 26	15M	QPSK	1	37	-	Back	15mm	Ant 0	State 10/9	26865	831.5	1	21.62	23.00	1.374	-0.14	0.142	0.195
	LTE Band 26	15M	QPSK	36	20	-	Front	15mm	Ant 0	State 10/9	26865	831.5	1	20.70	22.00	1.349	-0.17	0.125	0.169
	LTE Band 26	15M	QPSK	36	20	-	Back	15mm	Ant 0	State 10/9	26865	831.5	1	20.70	22.00	1.349	-0.01	0.140	0.189
	LTE Band 26	15M	QPSK	1	37	-	Front	15mm	Ant 2	State 10/9	26865	831.5	1	21.62	23.00	1.374	-0.08	0.071	0.098
	LTE Band 26	15M	QPSK	1	37	-	Back	15mm	Ant 2	State 10/9	26865	831.5	1	21.62	23.00	1.374	-0.04	0.060	0.083
	LTE Band 26	15M	QPSK	36	20	-	Front	15mm	Ant 2	State 10/9	26865	831.5	1	20.70	22.00	1.349	0.19	0.068	0.092
	LTE Band 26	15M	QPSK	36	20	-	Back	15mm	Ant 2	State 10/9	26865	831.5	1	20.70	22.00	1.349	0.15	0.058	0.078
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	167300	836.5	1	21.71	23.00	1.346	0.02	0.109	0.147
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	167300	836.5	1	21.71	23.00	1.346	0.12	0.113	0.152
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	State 10/9	167300	836.5	1	21.67	23.00	1.358	0.02	0.126	0.171
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	State 10/9	167300	836.5	1	21.67	23.00	1.358	0.11	0.122	0.166
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	167300	836.5	1	21.71	23.00	1.346	-0.05	0.076	0.102
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	167300	836.5	1	21.71	23.00	1.346	0.19	0.065	0.087
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 2	State 10/9	167300	836.5	1	21.67	23.00	1.358	-0.12	0.064	0.087
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 2	State 10/9	167300	836.5	1	21.67	23.00	1.358	0.13	0.058	0.079
1750MHz																			
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	21.11	22.00	1.227	-0.02	0.102	0.125
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	21.11	22.00	1.227	0.07	0.135	0.165
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	20.11	21.00	1.227	0.01	0.097	0.119
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	20.11	21.00	1.227	-0.19	0.124	0.152
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	21.11	22.00	1.227	-0.04	0.160	0.197
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	21.11	22.00	1.227	0.16	0.136	0.167
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	20.11	21.00	1.227	0.02	0.152	0.186
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	20.11	21.00	1.227	-0.06	0.123	0.151
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	20.23	21.50	1.340	-0.13	0.008	0.010
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	20.23	21.50	1.340	0.08	0.026	0.034



FCC SAR Test Report

Report No. : FA391308

	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	19.29	20.50	1.321	-0.06	0.007	0.009
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	19.29	20.50	1.321	0	0.020	0.027
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	21.65	22.00	1.084	-0.13	0.106	0.115
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	21.65	22.00	1.084	0.07	0.109	0.118
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	21.47	22.00	1.130	-0.02	0.102	0.115
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	21.47	22.00	1.130	0.08	0.112	0.127
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	21.65	22.00	1.084	-0.17	0.199	0.215
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	21.65	22.00	1.084	-0.18	0.177	0.192
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	21.47	22.00	1.130	0.14	0.183	0.207
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	21.47	22.00	1.130	0.1	0.171	0.193
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	20.05	21.50	1.396	-0.02	0.007	0.009
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	20.05	21.50	1.396	0.17	0.022	0.030
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	19.95	21.50	1.429	0.05	0.006	0.009
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	19.95	21.50	1.429	0	0.020	0.028
1900MHz																			
	LTE Band 25	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	26340	1880	1	20.95	22.00	1.274	0.16	0.099	0.126
	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	26340	1880	1	20.95	22.00	1.274	-0.06	0.135	0.172
	LTE Band 25	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	26340	1880	1	19.95	21.00	1.274	-0.19	0.096	0.122
	LTE Band 25	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	26340	1880	1	19.95	21.00	1.274	-0.1	0.131	0.167
	LTE Band 25	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	26340	1880	1	20.95	22.00	1.274	0.09	0.136	0.173
	LTE Band 25	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	26340	1880	1	20.95	22.00	1.274	0.1	0.147	0.187
	LTE Band 25	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	26340	1880	1	19.95	21.00	1.274	0.04	0.132	0.168
	LTE Band 25	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	26340	1880	1	19.95	21.00	1.274	-0.02	0.142	0.181
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	18900	1880	1	20.11	21.50	1.377	0.05	0.052	0.072
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	18900	1880	1	20.11	21.50	1.377	-0.15	0.080	0.110
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	18900	1880	1	19.23	20.50	1.340	0.03	0.046	0.062
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	18900	1880	1	19.23	20.50	1.340	0.18	0.070	0.093
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	376000	1880	1	21.09	22.00	1.233	-0.05	0.106	0.131
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	376000	1880	1	21.09	22.00	1.233	0.19	0.135	0.166
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	376000	1880	1	20.89	22.00	1.291	0.19	0.104	0.134
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	376000	1880	1	20.89	22.00	1.291	0.05	0.129	0.166
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	376000	1880	1	21.09	22.00	1.233	-0.13	0.142	0.175
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	376000	1880	1	21.09	22.00	1.233	0.08	0.160	0.197
	FR1 n2	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	376000	1880	1	20.89	22.00	1.291	0.07	0.167	0.216
	FR1 n2	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	376000	1880	1	20.89	22.00	1.291	-0.12	0.187	0.242
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	20.11	21.50	1.377	-0.19	0.028	0.039
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	20.11	21.50	1.377	0.18	0.038	0.053
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	19.97	21.50	1.422	0.09	0.031	0.044
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	19.97	21.50	1.422	-0.01	0.039	0.055
2300MHz																			
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	14.47	15.00	1.130	-0.13	0.029	0.033
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	14.47	15.00	1.130	-0.02	0.033	0.037
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	13.42	14.00	1.143	-0.01	0.026	0.030
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	13.42	14.00	1.143	0.03	0.030	0.034
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	14.47	15.00	1.130	-0.03	0.060	0.068
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	14.47	15.00	1.130	-0.05	0.062	0.070
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	13.42	14.00	1.143	-0.15	0.050	0.058
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	13.42	14.00	1.143	0.03	0.059	0.068
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 7	State 10/9	27710	2310	1	20.04	21.50	1.400	-0.19	0.079	0.110
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 7	State 10/9	27710	2310	1	20.04	21.50	1.400	0.14	0.128	0.179
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 7	State 10/9	27710	2310	1	19.02	20.50	1.406	0.05	0.072	0.101
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 7	State 10/9	27710	2310	1	19.02	20.50	1.406	-0.19	0.117	0.165
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	14.03	15.00	1.250	-0.17	0.027	0.034
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	14.03	15.00	1.250	-0.17	0.032	0.040
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	13.89	15.00	1.291	0.17	0.023	0.030
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	13.89	15.00	1.291	-0.17	0.030	0.039



FCC SAR Test Report

Report No. : FA391308

	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	14.03	15.00	1.250	0.17	0.061	0.077
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	14.03	15.00	1.250	0.09	0.060	0.076
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	13.89	15.00	1.291	-0.1	0.058	0.075
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	13.89	15.00	1.291	0.14	0.058	0.075
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	19.92	21.50	1.439	-0.05	0.057	0.082
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	19.92	21.50	1.439	0.18	0.072	0.104
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	19.75	21.50	1.496	-0.19	0.055	0.082
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	19.75	21.50	1.496	-0.07	0.060	0.090
2600MHz																			
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	20.98	22.00	1.265	-0.12	0.086	0.109
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	20.98	22.00	1.265	0.12	0.106	0.134
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	19.99	21.00	1.262	0.17	0.083	0.105
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	19.99	21.00	1.262	0.09	0.102	0.129
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	21100	2535	1	20.98	22.00	1.265	0.01	0.139	0.176
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	21100	2535	1	20.98	22.00	1.265	-0.08	0.223	0.282
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	21100	2535	1	19.99	21.00	1.262	0.05	0.128	0.162
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	21100	2535	1	19.99	21.00	1.262	0.14	0.210	0.265
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	20.65	22.00	1.365	-0.08	0.129	0.176
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	20.65	22.00	1.365	0.18	0.150	0.205
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	20.53	22.00	1.403	0.01	0.105	0.147
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	20.53	22.00	1.403	0.1	0.119	0.166
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	20.65	22.00	1.365	0.13	0.186	0.254
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	20.65	22.00	1.365	-0.01	0.222	0.304
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-0.18	0.179	0.251
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-0.15	0.203	0.285
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.80	20.00	1.318	-0.16	0.154	0.202
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.80	20.00	1.318	0.16	0.134	0.177
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.67	20.00	1.358	0.16	0.171	0.232
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.67	20.00	1.358	0.12	0.155	0.211
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	20.65	22.00	1.365	-0.18	0.010	0.014
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	20.65	22.00	1.365	-0.03	0.028	0.038
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-0.11	0.011	0.015
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	20.53	22.00	1.403	0.03	0.029	0.041
3500MHz~3900MHz																			
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.33	21.00	1.167	-0.18	0.087	0.102
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.33	21.00	1.167	0.06	0.097	0.113
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.12	21.00	1.225	0.12	0.081	0.100
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.12	21.00	1.225	0	0.090	0.110
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.89	21.00	1.291	0.04	0.073	0.095
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.89	21.00	1.291	0.09	0.081	0.105
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.72	21.00	1.343	-0.11	0.061	0.081
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.72	21.00	1.343	-0.13	0.079	0.106
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	656000	3840	1	21.20	22.00	1.202	0.07	0.041	0.049
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	21.20	22.00	1.202	0.06	0.203	0.244
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	656000	3840	1	20.98	22.00	1.265	0.01	0.033	0.041
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	656000	3840	1	20.98	22.00	1.265	0.09	0.149	0.188
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10/9	633332	3499.98	1	20.76	22.00	1.330	0.15	0.025	0.034
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10/9	633332	3499.98	1	20.76	22.00	1.330	0.13	0.189	0.252
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10/9	633332	3499.98	1	20.58	22.00	1.387	0.19	0.032	0.044
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10/9	633332	3499.98	1	20.58	22.00	1.387	-0.08	0.228	0.317
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	656000	3840	1	21.20	22.00	1.202	-0.04	0.038	0.045
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	656000	3840	1	21.20	22.00	1.202	-0.06	0.099	0.119
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	656000	3840	1	20.98	22.00	1.265	0.04	0.029	0.036
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	656000	3840	1	20.98	22.00	1.265	0.13	0.087	0.110
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	633332	3499.98	1	20.76	22.00	1.330	0	0.049	0.065
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	633332	3499.98	1	20.76	22.00	1.330	-0.02	0.056	0.075



FCC SAR Test Report

Report No. : FA391308

	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	633332	3499.98	1	20.58	22.00	1.387	0.07	0.047	0.065
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	633332	3499.98	1	20.58	22.00	1.387	-0.01	0.049	0.069
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	656000	3840	1	21.20	22.00	1.202	-0.01	0.011	0.013
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	656000	3840	1	21.20	22.00	1.202	-0.07	0.035	0.042
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	656000	3840	1	20.98	22.00	1.265	0.07	0.010	0.012
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	656000	3840	1	20.98	22.00	1.265	0	0.030	0.038
	FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	633332	3499.98	1	20.76	22.00	1.330	-0.03	0.007	0.009
	FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	633332	3499.98	1	20.76	22.00	1.330	-0.1	0.019	0.025
	FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	633332	3499.98	1	20.58	22.00	1.387	0.12	0.005	0.007
	FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	633332	3499.98	1	20.58	22.00	1.387	0.1	0.018	0.025

<ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	24.43	26.00	1.435	0.12	0.160	0.230
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	24.43	26.00	1.435	0.09	0.172	0.247
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 0	State 10/9	23095	707.5	1	23.48	25.00	1.419	0.14	0.136	0.193
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 0	State 10/9	23095	707.5	1	23.48	25.00	1.419	0.04	0.153	0.217
	LTE Band 12	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	24.43	26.00	1.435	-0.1	0.131	0.188
	LTE Band 12	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	24.43	26.00	1.435	-0.07	0.128	0.184
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	23095	707.5	1	23.48	25.00	1.419	0.03	0.105	0.149
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	23095	707.5	1	23.48	25.00	1.419	0	0.104	0.148
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	136100	680.5	1	24.63	26.00	1.371	0.14	0.232	0.318
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	136100	680.5	1	24.63	26.00	1.371	0.09	0.251	0.344
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	State 10/9	136100	680.5	1	24.54	26.00	1.400	-0.09	0.198	0.277
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	State 10/9	136100	680.5	1	24.54	26.00	1.400	0.14	0.201	0.281
	FR1 n71	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	136100	680.5	1	24.63	26.00	1.371	-0.12	0.070	0.096
	FR1 n71	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	136100	680.5	1	24.63	26.00	1.371	-0.07	0.066	0.090
	FR1 n71	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 2	State 10/9	136100	680.5	1	24.54	26.00	1.400	-0.05	0.060	0.084
	FR1 n71	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 2	State 10/9	136100	680.5	1	24.54	26.00	1.400	0.04	0.058	0.081
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	24.56	26.00	1.393	-0.12	0.135	0.188
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	24.56	26.00	1.393	-0.03	0.145	0.202
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 0	State 10/9	141500	707.5	1	24.52	26.00	1.406	0.05	0.153	0.215
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 0	State 10/9	141500	707.5	1	24.52	26.00	1.406	0.02	0.171	0.240
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	24.56	26.00	1.393	-0.1	0.121	0.169
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	24.56	26.00	1.393	-0.06	0.116	0.162
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	15mm	Ant 2	State 10/9	141500	707.5	1	24.52	26.00	1.406	-0.1	0.134	0.188
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	15mm	Ant 2	State 10/9	141500	707.5	1	24.52	26.00	1.406	-0.02	0.132	0.186
835MHz																			
	LTE Band 5	10M	QPSK	1	25	-	Front	15mm	Ant 0	State 10	20525	836.5	1	24.31	26.00	1.476	-0.1	0.245	0.362
	LTE Band 5	10M	QPSK	1	25	-	Back	15mm	Ant 0	State 10	20525	836.5	1	24.31	26.00	1.476	-0.01	0.275	0.406
	LTE Band 5	10M	QPSK	25	12	-	Front	15mm	Ant 0	State 10	20525	836.5	1	23.32	25.00	1.472	0.01	0.214	0.315
	LTE Band 5	10M	QPSK	25	12	-	Back	15mm	Ant 0	State 10	20525	836.5	1	23.32	25.00	1.472	-0.13	0.229	0.337
	LTE Band 5	10M	QPSK	1	25	-	Front	15mm	Ant 0	State 9	20525	836.5	1	23.33	25.00	1.469	0.11	0.195	0.286
	LTE Band 5	10M	QPSK	1	25	-	Back	15mm	Ant 0	State 9	20525	836.5	1	23.33	25.00	1.469	-0.06	0.218	0.320
	LTE Band 5	10M	QPSK	25	12	-	Front	15mm	Ant 0	State 9	20525	836.5	1	22.34	24.00	1.466	0.17	0.170	0.249
	LTE Band 5	10M	QPSK	25	12	-	Back	15mm	Ant 0	State 9	20525	836.5	1	22.34	24.00	1.466	0.02	0.182	0.267
	LTE Band 5	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	20525	836.5	1	24.31	26.00	1.476	-0.13	0.141	0.208
	LTE Band 5	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	20525	836.5	1	24.31	26.00	1.476	0.09	0.124	0.183
	LTE Band 5	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	20525	836.5	1	23.32	25.00	1.472	-0.13	0.115	0.169
	LTE Band 5	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	20525	836.5	1	23.32	25.00	1.472	0.16	0.101	0.149
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	State 10/9	167300	836.5	1	24.66	26.00	1.361	-0.08	0.218	0.297
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	State 10/9	167300	836.5	1	24.66	26.00	1.361	0.13	0.227	0.309
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	State 10/9	167300	836.5	1	24.62	26.00	1.374	0.06	0.240	0.330
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	State 10/9	167300	836.5	1	24.62	26.00	1.374	-0.01	0.254	0.349



FCC SAR Test Report

Report No. : FA391308

	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	167300	836.5	1	24.66	26.00	1.361	-0.06	0.157	0.214
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	167300	836.5	1	24.66	26.00	1.361	0.13	0.135	0.184
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 2	State 10/9	167300	836.5	1	24.62	26.00	1.374	0.05	0.129	0.177
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 2	State 10/9	167300	836.5	1	24.62	26.00	1.374	0.12	0.114	0.157
1750MHz																			
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	23.98	25.00	1.265	-0.07	0.200	0.253
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	23.98	25.00	1.265	-0.05	0.277	0.350
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	132322	1745	1	23.04	24.00	1.247	-0.08	0.153	0.191
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	132322	1745	1	23.04	24.00	1.247	-0.06	0.201	0.251
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	21.92	23.00	1.282	-0.15	0.204	0.262
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	21.92	23.00	1.282	-0.03	0.179	0.230
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	132322	1745	1	20.75	22.00	1.334	-0.04	0.153	0.204
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	132322	1745	1	20.75	22.00	1.334	0.14	0.129	0.172
	LTE Band 66	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	23.09	24.50	1.384	-0.06	0.015	0.021
	LTE Band 66	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	23.09	24.50	1.384	0.1	0.050	0.069
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	132322	1745	1	22.17	23.50	1.358	0.02	0.013	0.018
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	132322	1745	1	22.17	23.50	1.358	0.15	0.040	0.054
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	24.53	25.00	1.114	0.12	0.211	0.235
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	24.53	25.00	1.114	-0.07	0.218	0.243
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	349000	1745	1	24.36	25.00	1.159	0.12	0.195	0.226
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	349000	1745	1	24.36	25.00	1.159	-0.06	0.206	0.239
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	22.05	22.50	1.109	-0.08	0.214	0.237
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	22.05	22.50	1.109	0.06	0.199	0.221
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	349000	1745	1	22.03	22.50	1.114	0.03	0.203	0.226
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	349000	1745	1	22.03	22.50	1.114	-0.09	0.193	0.215
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	22.95	24.50	1.429	0.11	0.014	0.020
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	22.95	24.50	1.429	0.05	0.042	0.060
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	349000	1745	1	22.90	24.50	1.445	-0.08	0.013	0.019
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	349000	1745	1	22.90	24.50	1.445	0.07	0.039	0.056
1900MHz																			
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	18900	1880	1	23.50	25.00	1.413	-0.02	0.185	0.261
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	18900	1880	1	23.50	25.00	1.413	-0.07	0.239	0.338
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	18900	1880	1	22.66	24.00	1.361	0.11	0.161	0.219
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	18900	1880	1	22.66	24.00	1.361	-0.04	0.210	0.286
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10/9	18900	1880	1	21.49	23.00	1.416	-0.07	0.171	0.242
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10/9	18900	1880	1	21.49	23.00	1.416	-0.05	0.177	0.251
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10/9	18900	1880	1	20.55	22.00	1.396	-0.06	0.142	0.198
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10/9	18900	1880	1	20.55	22.00	1.396	-0.14	0.148	0.207
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 7	State 10/9	18900	1880	1	23.04	24.50	1.400	0.02	0.103	0.144
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 7	State 10/9	18900	1880	1	23.04	24.50	1.400	-0.03	0.155	0.217
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 7	State 10/9	18900	1880	1	22.01	23.50	1.409	-0.01	0.082	0.116
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 7	State 10/9	18900	1880	1	22.01	23.50	1.409	-0.01	0.129	0.182
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	376500	1882.5	1	24.53	25.00	1.114	-0.02	0.215	0.240
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	376500	1882.5	1	24.53	25.00	1.114	-0.02	0.264	0.294
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	376500	1882.5	1	24.45	25.00	1.135	0.11	0.216	0.245
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	376500	1882.5	1	24.45	25.00	1.135	-0.12	0.268	0.304
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	376500	1882.5	1	22.55	23.00	1.109	-0.12	0.188	0.209
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	376500	1882.5	1	22.55	23.00	1.109	-0.07	0.195	0.216
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	-0.07	0.200	0.223
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	0.08	0.226	0.252
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	23.03	24.50	1.403	-0.03	0.057	0.080
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	23.03	24.50	1.403	-0.15	0.076	0.107
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 7	State 10/9	376500	1882.5	1	22.85	24.50	1.462	0.16	0.064	0.094
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 7	State 10/9	376500	1882.5	1	22.85	24.50	1.462	0.12	0.080	0.117
2300MHz																			
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	17.33	18.00	1.167	-0.1	0.059	0.069



FCC SAR Test Report

Report No. : FA391308

	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	17.33	18.00	1.167	-0.02	0.062	0.072
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 1	State 10/9	27710	2310	1	16.33	17.00	1.167	0.06	0.046	0.054
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 1	State 10/9	27710	2310	1	16.33	17.00	1.167	0.15	0.054	0.063
	LTE Band 30	10M	QPSK	1	25	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	17.33	18.00	1.167	-0.12	0.124	0.145
	LTE Band 30	10M	QPSK	1	25	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	17.33	18.00	1.167	0.15	0.128	0.149
	LTE Band 30	10M	QPSK	25	12	-	Front	15mm	Ant 2	State 10/9	27710	2310	1	16.33	17.00	1.167	0.04	0.093	0.109
	LTE Band 30	10M	QPSK	25	12	-	Back	15mm	Ant 2	State 10/9	27710	2310	1	16.33	17.00	1.167	0.01	0.104	0.121
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	16.75	18.00	1.334	0.14	0.055	0.073
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	16.75	18.00	1.334	-0.15	0.063	0.084
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 1	State 10/9	462000	2310	1	16.72	18.00	1.343	-0.1	0.053	0.071
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 1	State 10/9	462000	2310	1	16.72	18.00	1.343	0.02	0.060	0.081
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	16.75	18.00	1.334	-0.15	0.119	0.159
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	16.75	18.00	1.334	-0.13	0.121	0.161
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 2	State 10/9	462000	2310	1	16.72	18.00	1.343	0.09	0.117	0.157
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 2	State 10/9	462000	2310	1	16.72	18.00	1.343	0.15	0.119	0.160
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	22.82	24.50	1.472	-0.02	0.113	0.166
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	22.82	24.50	1.472	-0.02	0.145	0.213
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	15mm	Ant 7	State 10/9	462000	2310	1	22.68	24.50	1.521	0.03	0.109	0.166
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	15mm	Ant 7	State 10/9	462000	2310	1	22.68	24.50	1.521	-0.1	0.113	0.172
2600MHz																			
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	21.73	23.00	1.340	-0.15	0.114	0.153
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	21.73	23.00	1.340	0.13	0.137	0.184
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 1	State 10/9	21100	2535	1	20.75	22.00	1.334	-0.05	0.086	0.115
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 1	State 10/9	21100	2535	1	20.75	22.00	1.334	0.1	0.102	0.136
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 10	21100	2535	1	23.84	25.00	1.306	0.07	0.270	0.353
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 10	21100	2535	1	23.84	25.00	1.306	0.01	0.441	0.576
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 10	21100	2535	1	22.87	24.00	1.297	0.04	0.240	0.311
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 10	21100	2535	1	22.87	24.00	1.297	-0.03	0.356	0.462
	LTE Band 7	20M	QPSK	1	49	-	Front	15mm	Ant 2	State 9	21100	2535	1	20.85	22.00	1.303	0.01	0.136	0.177
	LTE Band 7	20M	QPSK	1	49	-	Back	15mm	Ant 2	State 9	21100	2535	1	20.85	22.00	1.303	-0.06	0.229	0.298
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 2	State 9	21100	2535	1	19.86	21.00	1.300	0.06	0.126	0.164
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 2	State 9	21100	2535	1	19.86	21.00	1.300	0.19	0.181	0.235
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	State 10/9	507000	2535	1	23.92	25.00	1.282	0.07	0.203	0.260
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	State 10/9	507000	2535	1	23.92	25.00	1.282	-0.12	0.262	0.336
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	State 10/9	507000	2535	1	23.83	25.00	1.309	0.03	0.190	0.249
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	State 10/9	507000	2535	1	23.83	25.00	1.309	0.02	0.258	0.338
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 10	507000	2535	1	22.95	24.00	1.274	-0.1	0.302	0.385
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 10	507000	2535	1	22.95	24.00	1.274	-0.07	0.412	0.525
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 10	507000	2535	1	22.93	24.00	1.279	0.08	0.292	0.374
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 10	507000	2535	1	22.93	24.00	1.279	0.01	0.387	0.495
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	State 9	507000	2535	1	19.96	21.00	1.271	0.09	0.168	0.213
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	State 9	507000	2535	1	19.96	21.00	1.271	0.03	0.209	0.266
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	State 9	507000	2535	1	19.93	21.00	1.279	0.14	0.149	0.191
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	State 9	507000	2535	1	19.93	21.00	1.279	-0.04	0.201	0.257
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 1	State 10/9	5185982	2592.99	1	21.11	22.50	1.377	-0.08	0.145	0.200
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	State 10/9	5185982	2592.99	1	21.11	22.50	1.377	-0.14	0.165	0.227
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	State 10/9	5185982	2592.99	1	21.09	22.50	1.384	-0.1	0.112	0.155
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	State 10/9	5185982	2592.99	1	21.09	22.50	1.384	-0.09	0.127	0.176
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	State 10	5185982	2592.99	1	22.10	23.50	1.380	0.1	0.256	0.353
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	State 10	5185982	2592.99	1	22.10	23.50	1.380	-0.06	0.321	0.443
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	State 10	5185982	2592.99	1	22.07	23.50	1.390	0.01	0.253	0.352
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	State 10	5185982	2592.99	1	22.07	23.50	1.390	-0.14	0.289	0.402
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	State 9	5185982	2592.99	1	20.62	22.00	1.374	0.14	0.191	0.262
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	State 9	5185982	2592.99	1	20.62	22.00	1.374	-0.11	0.231	0.317
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	State 9	5185982	2592.99	1	20.58	22.00	1.387	-0.08	0.183	0.254
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	State 9	5185982	2592.99	1	20.58	22.00	1.387	0.16	0.206	0.286



3500MHz~3900MHz																		
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.15	21.00	1.216	-0.1	0.072	0.088
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.15	21.00	1.216	-0.03	0.080	0.097
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	656000	3840	1	20.13	21.00	1.222	-0.09	0.067	0.082
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	656000	3840	1	20.13	21.00	1.222	-0.12	0.074	0.090
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.66	21.00	1.361	-0.13	0.057	0.078
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.66	21.00	1.361	0.09	0.067	0.091
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 8	State 10/9	633332	3499.98	1	19.62	21.00	1.374	0.15	0.048	0.066
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 8	State 10/9	633332	3499.98	1	19.62	21.00	1.374	0.011	0.061	0.084
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10	656000	3840	1	24.13	25.00	1.222	-0.08	0.081	0.099
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10	656000	3840	1	24.13	25.00	1.222	0.03	0.397	0.485
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10	656000	3840	1	23.85	25.00	1.303	-0.04	0.061	0.079
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10	656000	3840	1	23.85	25.00	1.303	0.1	0.298	0.388
FR1 n77	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 9	State 10	656000	3840	1	23.82	25.00	1.312	0.09	0.303	0.398
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 10	633332	3499.98	1	23.65	25.00	1.365	0.12	0.052	0.071
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 10	633332	3499.98	1	23.65	25.00	1.365	-0.07	0.386	0.527
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 10	633332	3499.98	1	23.48	25.00	1.419	0.09	0.063	0.089
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 10	633332	3499.98	1	23.48	25.00	1.419	-0.12	0.446	0.633
FR1 n77	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 9	State 10	633332	3499.98	1	23.28	25.00	1.486	0.07	0.419	0.623
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 9	656000	3840	1	21.15	22.00	1.216	0.14	0.046	0.056
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 9	656000	3840	1	21.15	22.00	1.216	-0.14	0.206	0.251
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 9	656000	3840	1	21.13	22.00	1.222	0.07	0.032	0.039
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 9	656000	3840	1	21.13	22.00	1.222	-0.13	0.152	0.186
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 9	State 9	633332	3499.98	1	20.68	22.00	1.355	-0.12	0.027	0.037
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 9	State 9	633332	3499.98	1	20.68	22.00	1.355	-0.13	0.206	0.279
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 9	State 9	633332	3499.98	1	20.53	22.00	1.403	-0.11	0.031	0.043
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 9	State 9	633332	3499.98	1	20.53	22.00	1.403	-0.09	0.226	0.317
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	656000	3840	1	24.13	25.00	1.222	-0.09	0.072	0.088
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	656000	3840	1	24.13	25.00	1.222	-0.13	0.190	0.232
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	656000	3840	1	23.85	25.00	1.303	0.15	0.056	0.073
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	656000	3840	1	23.85	25.00	1.303	0.16	0.170	0.222
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 7	State 10/9	633332	3499.98	1	23.65	25.00	1.365	-0.09	0.096	0.131
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 7	State 10/9	633332	3499.98	1	23.65	25.00	1.365	-0.04	0.113	0.154
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	State 10/9	633332	3499.98	1	23.48	25.00	1.419	0.11	0.094	0.133
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	State 10/9	633332	3499.98	1	23.48	25.00	1.419	-0.16	0.103	0.146
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	656000	3840	1	24.13	25.00	1.222	-0.06	0.021	0.026
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	656000	3840	1	24.13	25.00	1.222	0.07	0.071	0.087
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	656000	3840	1	23.85	25.00	1.303	0.09	0.019	0.025
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	656000	3840	1	23.85	25.00	1.303	0.13	0.061	0.079
FR1 n77	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 10	State 10/9	633332	3499.98	1	23.65	25.00	1.365	0	0.013	0.018
FR1 n77	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 10	State 10/9	633332	3499.98	1	23.65	25.00	1.365	-0.11	0.037	0.050
FR1 n77	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 10	State 10/9	633332	3499.98	1	23.48	25.00	1.419	-0.14	0.010	0.014
FR1 n77	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 10	State 10/9	633332	3499.98	1	23.48	25.00	1.419	0.16	0.035	0.050



<UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2600MHz																					
	FR1 n41	100M	QPSK	1	1	CP-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	0.03	0.128	0.179
	FR1 n41	100M	QPSK	1	1	CP-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.18	0.141	0.198
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	23.59	24.50	1.233	50	1.000	-0.14	0.129	0.159
	FR1 n41	100M	QPSK	137	68	CP-30	Front	15mm	Ant 1	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.1	0.095	0.135
	FR1 n41	100M	QPSK	137	68	CP-30	Back	15mm	Ant 1	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.12	0.116	0.165
	FR1 n41	100M	QPSK	1	1	CP-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.07	0.181	0.254
	FR1 n41	100M	QPSK	1	1	CP-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.13	0.232	0.325
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	23.59	24.50	1.233	50	1.000	-0.1	0.236	0.291
	FR1 n41	100M	QPSK	137	68	CP-30	Front	15mm	Ant 2	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	0.16	0.171	0.243
	FR1 n41	100M	QPSK	137	68	CP-30	Back	15mm	Ant 2	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.1	0.219	0.311
	FR1 n41	100M	QPSK	1	1	CP-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.62	20.00	1.374	-	-	-0.19	0.150	0.207
	FR1 n41	100M	QPSK	1	1	CP-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.62	20.00	1.374	-	-	0.12	0.133	0.183
	FR1 n41	100M	QPSK	137	68	CP-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	18.57	20.00	1.390	-	-	0.12	0.166	0.231
	FR1 n41	100M	QPSK	137	68	CP-30	Back	15mm	Ant 8	State 10/9	518598	2592.99	1	18.57	20.00	1.390	-	-	-0.17	0.140	0.194
	FR1 n41-HPUE	100M	QPSK	137	68	CP-30	Front	15mm	Ant 8	State 10/9	518598	2592.99	1	21.48	22.50	1.265	50	1.000	-0.04	0.148	0.187
	FR1 n41	100M	QPSK	1	1	CP-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	0.16	0.011	0.015
	FR1 n41	100M	QPSK	1	1	CP-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.15	0.043	0.060
	FR1 n41	100M	QPSK	137	68	CP-30	Front	15mm	Ant 9	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	0.15	0.012	0.017
	FR1 n41	100M	QPSK	137	68	CP-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	20.48	22.00	1.419	-	-	-0.12	0.045	0.064
	FR1 n41-HPUE	100M	QPSK	137	68	CP-30	Back	15mm	Ant 9	State 10/9	518598	2592.99	1	23.46	24.50	1.271	50	1.000	0.19	0.043	0.055

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Operating Mode	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																		
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 5	normal/camera	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	-0.13	0.040	0.072
82	Bluetooth	DH5 1Mbps	Back	15mm	Ant 5	normal/camera	full	39	2441	1	17.10	18.50	1.380	77.05	1.298	-0.01	0.043	0.078
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	-0.03	0.002	0.004
	Bluetooth	DH5 1Mbps	Back	15mm	Ant 4	normal	full	39	2441	1	16.50	18.00	1.413	76.57	1.306	-0.07	0.006	0.011
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	-0.15	0.001	0.002
	Bluetooth	DH5 1Mbps	Back	15mm	Ant 6	camera	full	39	2441	1	15.40	17.00	1.445	77.22	1.295	-0.13	0.003	0.006
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5	normal	Standalone	6	2437	1	21.50	23.00	1.413	97.46	1.026	-0.04	0.239	0.346
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5	normal	Standalone	6	2437	1	21.50	23.00	1.413	97.46	1.026	-0.05	0.225	0.326
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	0.04	0.135	0.191
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4	normal	full	6	2437	1	22.10	23.50	1.380	97.46	1.026	0.11	0.152	0.215
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5+4	normal	Standalone	6	2437	1	24.70	26.00	1.349	97.46	1.026	-0.07	0.242	0.335
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5+4	normal	Standalone	6	2437	1	24.70	26.00	1.349	97.46	1.026	-0.06	0.239	0.331
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5	camera	Standalone	6	2437	1	21.30	22.50	1.318	97.46	1.026	-0.07	0.215	0.291
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5	camera	Standalone	6	2437	1	21.30	22.50	1.318	97.46	1.026	0	0.201	0.272
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	0.06	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 6	camera	full	6	2437	1	21.90	23.50	1.445	97.46	1.026	-0.15	0.075	0.111
83	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5+6	camera	Standalone	6	2437	1	23.70	25.00	1.349	97.46	1.026	-0.02	0.250	0.346
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5+6	camera	Standalone	6	2437	1	23.70	25.00	1.349	97.46	1.026	0.09	0.240	0.332
5000MHz																		
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	15mm	Ant 5	normal	Standalone	54	5270	1	17.47	19.00	1.422	100.00	1.000	-0.09	0.148	0.211
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	15mm	Ant 5	normal	Standalone	54	5270	1	17.47	19.00	1.422	100.00	1.000	0.11	0.274	0.390
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	15mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.07	0.012	0.016
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	15mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	0.04	0.090	0.121
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	15mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	0.03	0.166	0.225
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	15mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	0.01	0.286	0.388
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	15mm	Ant 5	camera	Standalone	54	5270	1	17.68	19.50	1.521	100.00	1.000	0.11	0.216	0.328
84	WLAN5.3GHz	802.11n-HT40 MCS0	Back	15mm	Ant 5	camera	Standalone	54	5270	1	17.68	19.50	1.521	100.00	1.000	-0.06	0.292	0.444



FCC SAR Test Report

Report No. : FA391308

	WLAN5.3GHz	802.11n-HT20 MCS0	Front	15mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	-0.1	0.065	0.089
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	15mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	-0.03	0.087	0.119
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	15mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	0.13	0.197	0.288
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	15mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	-0.05	0.289	0.423
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5	normal	Standalone	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.09	0.295	0.423
85	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5	normal	Standalone	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.02	0.395	0.567
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5	normal	Standalone	106	5530	2	15.93	17.50	1.435	100.00	1.000	-0.05	0.385	0.553
	WLAN5.5GHz	802.11a 6Mbps	Front	15mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	0.13	0.126	0.174
	WLAN5.5GHz	802.11a 6Mbps	Back	15mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	-0.05	0.238	0.329
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	0.07	0.275	0.387
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	-0.05	0.399	0.561
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5	camera	Standalone	106	5530	1	16.32	18.00	1.472	100.00	1.000	0.09	0.222	0.327
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5	camera	Standalone	106	5530	1	16.32	18.00	1.472	100.00	1.000	0.08	0.314	0.462
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	15mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	-0.03	0.011	0.017
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	15mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	0.03	0.127	0.199
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	0.01	0.205	0.293
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	0.06	0.294	0.420
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5	normal	Standalone	155	5775	1	16.02	17.50	1.406	100.00	1.000	-0.16	0.306	0.430
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5	normal	Standalone	155	5775	1	16.02	17.50	1.406	100.00	1.000	0.02	0.393	0.553
	WLAN5.8GHz	802.11a 6Mbps	Front	15mm	Ant 4	normal	full	165	5825	1	20.98	22.50	1.419	99.32	1.007	-0.13	0.218	0.312
	WLAN5.8GHz	802.11a 6Mbps	Back	15mm	Ant 4	normal	full	165	5825	1	20.98	22.50	1.419	99.32	1.007	0.05	0.298	0.426
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5+4	normal	Standalone	155	5775	1	18.85	20.00	1.303	100.00	1.000	0	0.327	0.426
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5+4	normal	Standalone	155	5775	1	18.85	20.00	1.303	100.00	1.000	0.15	0.383	0.499
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5	camera	Standalone	155	5775	1	16.45	18.00	1.429	100.00	1.000	-0.11	0.270	0.386
86	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5	camera	Standalone	155	5775	1	16.45	18.00	1.429	100.00	1.000	0.06	0.389	0.556
	WLAN5.8GHz	802.11a 6Mbps	Front	15mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	-0.03	0.012	0.017
	WLAN5.8GHz	802.11a 6Mbps	Back	15mm	Ant 6	camera	full	165	5825	1	18.62	20.00	1.373	98.97	1.010	-0.05	0.175	0.243
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5+6	camera	Standalone	155	5775	1	18.31	20.00	1.475	100.00	1.000	0.09	0.271	0.400
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5+6	camera	Standalone	155	5775	1	18.31	20.00	1.475	100.00	1.000	-0.16	0.373	0.550