



FCC SAR Test Report

Report No. : FA461101

	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	638000	3570	1	16.47	17.70	1.327	-	-	0.01	0.629	0.835
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	645332	3679.98	1	16.54	17.70	1.306	-	-	0.09	0.617	0.806
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	641666	3624.99	1	16.49	17.70	1.321	-	-	0.08	0.819	1.082
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	641666	3624.99	1	16.49	17.70	1.321	-	-	-0.09	0.606	0.801
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	641666	3624.99	1	15.11	15.70	1.146	-	-	0.17	0.846	0.969
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	641666	3624.99	1	15.11	15.70	1.146	-	-	0.15	0.473	0.542
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	641666	3624.99	1	15.11	15.70	1.146	-	-	-0.06	0.206	0.236
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	641666	3624.99	1	15.11	15.70	1.146	-	-	0.05	0.143	0.164
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	638000	3570	1	15.01	15.70	1.172	-	-	-0.04	0.738	0.865
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	645332	3679.98	1	15.08	15.70	1.153	-	-	-0.14	0.711	0.820
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	641666	3624.99	1	15.05	15.70	1.161	-	-	0.13	0.918	1.066
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	641666	3624.99	1	15.05	15.70	1.161	-	-	-0.15	0.490	0.569
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	641666	3624.99	1	15.05	15.70	1.161	-	-	-0.1	0.225	0.261
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	641666	3624.99	1	15.05	15.70	1.161	-	-	-0.01	0.152	0.177
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	638000	3570	1	14.88	15.70	1.208	-	-	0.19	0.768	0.928
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	645332	3679.98	1	14.95	15.70	1.189	-	-	0.01	0.722	0.858
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	641666	3624.99	1	15.00	15.70	1.175	-	-	0.02	0.826	0.970
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	DSI 5	633332	3499.98	1	18.77	19.70	1.239	-	-	-0.03	0.151	0.187
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	DSI 5	633332	3499.98	1	18.77	19.70	1.239	-	-	-0.09	0.074	0.092
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	DSI 5	633332	3499.98	1	18.77	19.70	1.239	-	-	-0.02	0.546	0.676
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	DSI 5	633332	3499.98	1	18.77	19.70	1.239	-	-	0.01	0.266	0.330
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	DSI 5	633332	3499.98	1	18.69	19.70	1.262	-	-	0.1	0.135	0.170
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	DSI 5	633332	3499.98	1	18.69	19.70	1.262	-	-	0.09	0.071	0.090
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	DSI 5	633332	3499.98	1	18.69	19.70	1.262	-	-	-0.12	0.501	0.632
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	DSI 5	633332	3499.98	1	18.69	19.70	1.262	-	-	0	0.237	0.299
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 10	DSI 5	656000	3840	1	18.31	19.70	1.377	-	-	-0.01	0.171	0.236
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 10	DSI 5	656000	3840	1	18.31	19.70	1.377	-	-	-0.1	0.129	0.178
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 10	DSI 5	656000	3840	1	18.31	19.70	1.377	-	-	-0.16	0.647	0.891
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 10	DSI 5	656000	3840	1	18.31	19.70	1.377	-	-	0.1	0.501	0.690
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 10	DSI 5	656000	3840	1	18.17	19.70	1.422	-	-	0.09	0.142	0.202
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 10	DSI 5	656000	3840	1	18.17	19.70	1.422	-	-	-0.08	0.106	0.151
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 10	DSI 5	656000	3840	1	18.17	19.70	1.422	-	-	-0.01	0.613	0.872
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 10	DSI 5	656000	3840	1	18.17	19.70	1.422	-	-	-0.18	0.450	0.640
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Left Cheek	0mm	Ant 10	DSI 5	656000	3840	1	18.07	19.70	1.455	-	-	-0.08	0.612	0.891
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Left Tilted	0mm	Ant 10	DSI 5	656000	3840	1	18.07	19.70	1.455	-	-	0.05	0.460	0.670
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 6	DSI 5	633332	3499.98	1	14.71	15.70	1.256	-	-	-0.18	0.586	0.736
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	633332	3499.98	1	14.71	15.70	1.256	-	-	0.14	0.699	0.878
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 6	DSI 5	633332	3499.98	1	14.71	15.70	1.256	-	-	0.11	0.220	0.276
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 6	DSI 5	633332	3499.98	1	14.71	15.70	1.256	-	-	-0.02	0.275	0.345
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 6	DSI 5	633332	3499.98	1	14.62	15.70	1.282	-	-	0.13	0.540	0.692
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	633332	3499.98	1	14.62	15.70	1.282	-	-	0	0.683	0.876
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 6	DSI 5	633332	3499.98	1	14.62	15.70	1.282	-	-	-0.01	0.187	0.240
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 6	DSI 5	633332	3499.98	1	14.62	15.70	1.282	-	-	0.09	0.257	0.330



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	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	633332	3499.98	1	14.55	15.70	1.303	-	-	0.08	0.665	0.867
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 6	DSI 5	656000	3840	1	14.75	15.70	1.245	-	-	-0.04	0.787	0.979
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.75	15.70	1.245	-	-	0.16	0.842	1.048
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 6	DSI 5	656000	3840	1	14.75	15.70	1.245	-	-	-0.03	0.313	0.390
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.75	15.70	1.245	-	-	-0.19	0.326	0.406
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 6	DSI 5	656000	3840	1	14.68	15.70	1.265	-	-	0.17	0.727	0.919
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.68	15.70	1.265	-	-	0.14	0.811	1.026
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 6	DSI 5	656000	3840	1	14.68	15.70	1.265	-	-	0.14	0.294	0.372
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.68	15.70	1.265	-	-	0.08	0.314	0.397
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 6	DSI 5	656000	3840	1	14.59	15.70	1.291	-	-	-0.12	0.745	0.962
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.59	15.70	1.291	-	-	0.03	0.788	1.017
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Left Tilted	0mm	Ant 6	DSI 5	656000	3840	1	14.59	15.70	1.291	-	-	0.01	0.302	0.390
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 11	DSI 5	633332	3499.98	1	16.74	17.70	1.247	-	-	0.02	0.271	0.338
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 11	DSI 5	633332	3499.98	1	16.74	17.70	1.247	-	-	-0.11	0.269	0.336
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	633332	3499.98	1	16.74	17.70	1.247	-	-	0.05	0.854	1.065
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	633332	3499.98	1	16.74	17.70	1.247	-	-	0.09	0.786	0.980
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 11	DSI 5	633332	3499.98	1	16.67	17.70	1.268	-	-	-0.17	0.251	0.318
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 11	DSI 5	633332	3499.98	1	16.67	17.70	1.268	-	-	-0.1	0.245	0.311
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	633332	3499.98	1	16.67	17.70	1.268	-	-	-0.16	0.824	1.045
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	633332	3499.98	1	16.67	17.70	1.268	-	-	0.17	0.787	0.998
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	633332	3499.98	1	16.52	17.70	1.312	-	-	0.18	0.780	1.024
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	633332	3499.98	1	16.52	17.70	1.312	-	-	0.02	0.740	0.971
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.72	17.70	1.253	-	-	0.14	0.353	0.442
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 11	DSI 5	656000	3840	1	16.72	17.70	1.253	-	-	-0.09	0.268	0.336
26	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.72	17.70	1.253	-	-	0.16	0.951	1.192
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	2	16.72	17.70	1.253	-	-	0.03	0.850	1.065
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	656000	3840	1	16.72	17.70	1.253	-	-	-0.03	0.790	0.990
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.58	17.70	1.294	-	-	-0.04	0.313	0.405
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 11	DSI 5	656000	3840	1	16.58	17.70	1.294	-	-	0.06	0.279	0.361
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.58	17.70	1.294	-	-	0.11	0.887	1.148
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	656000	3840	1	16.58	17.70	1.294	-	-	-0.15	0.749	0.969
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.49	17.70	1.321	-	-	0.09	0.319	0.421
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	1	16.49	17.70	1.321	-	-	0.12	0.800	1.057
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Left Tilted	0mm	Ant 11	DSI 5	656000	3840	1	16.49	17.70	1.321	-	-	0.01	0.770	1.017
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.65	15.70	1.274	-	-	0.08	0.807	1.028
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	14.65	15.70	1.274	-	-	-0.18	0.379	0.483
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.65	15.70	1.274	-	-	-0.13	0.172	0.219
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	14.65	15.70	1.274	-	-	-0.11	0.158	0.201
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.53	15.70	1.309	-	-	-0.1	0.829	1.085
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	14.53	15.70	1.309	-	-	0.06	0.416	0.545
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.53	15.70	1.309	-	-	0.1	0.199	0.261
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	14.53	15.70	1.309	-	-	0.12	0.180	0.236
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.41	15.70	1.346	-	-	0.01	0.776	1.044



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	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	656000	3840	1	14.61	15.70	1.285	-	-	0.17	0.844	1.085
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	656000	3840	1	14.61	15.70	1.285	-	-	-0.15	0.522	0.671
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	656000	3840	1	14.61	15.70	1.285	-	-	0.02	0.243	0.312
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	656000	3840	1	14.61	15.70	1.285	-	-	-0.16	0.203	0.261
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	656000	3840	1	14.56	15.70	1.300	-	-	-0.05	0.810	1.053
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	656000	3840	1	14.56	15.70	1.300	-	-	0.04	0.488	0.634
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	656000	3840	1	14.56	15.70	1.300	-	-	0.16	0.202	0.263
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	656000	3840	1	14.56	15.70	1.300	-	-	0.08	0.178	0.231
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	656000	3840	1	14.45	15.70	1.334	-	-	0.12	0.761	1.015
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	656000	3840	1	14.45	15.70	1.334	-	-	0.03	0.470	0.627
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	15.07	16.20	1.297	-	-	0.01	0.779	1.011
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	15.07	16.20	1.297	-	-	-0.09	0.386	0.501
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	15.07	16.20	1.297	-	-	0.15	0.158	0.205
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	15.07	16.20	1.297	-	-	-0.1	0.113	0.147
27	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	15.01	16.20	1.315	-	-	-0.07	0.802	1.055
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	15.01	16.20	1.315	-	-	-0.19	0.418	0.550
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	15.01	16.20	1.315	-	-	-0.07	0.163	0.214
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	633332	3499.98	1	15.01	16.20	1.315	-	-	-0.14	0.130	0.171
	FR1 n78 Part27Q	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	633332	3499.98	1	14.88	16.20	1.355	-	-	0.06	0.745	1.010
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	650000	3750	1	15.20	16.20	1.259	-	-	-0.1	0.802	1.010
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	650000	3750	1	15.20	16.20	1.259	-	-	-0.1	0.514	0.647
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	650000	3750	1	15.20	16.20	1.259	-	-	-0.12	0.208	0.262
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	650000	3750	1	15.20	16.20	1.259	-	-	0.01	0.173	0.218
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	650000	3750	1	15.07	16.20	1.297	-	-	-0.18	0.751	0.974
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Right Tilted	0mm	Ant 12	DSI 5	650000	3750	1	15.07	16.20	1.297	-	-	-0.19	0.429	0.556
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Left Cheek	0mm	Ant 12	DSI 5	650000	3750	1	15.07	16.20	1.297	-	-	0.05	0.179	0.232
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Left Tilted	0mm	Ant 12	DSI 5	650000	3750	1	15.07	16.20	1.297	-	-	-0.17	0.149	0.193
	FR1 n78 Part27O	100M	QPSK	270	0	DFT-30	Right Cheek	0mm	Ant 12	DSI 5	650000	3750	1	14.97	16.20	1.327	-	-	-0.1	0.726	0.964

Plot No.	Band	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)
WLAN																	
	Bluetooth	DH5 1Mbps	Right Cheek	0mm	Ant 13	DSI 5	39	2441	1	16.40	18.00	1.445	76.71	1.304	0.07	0.222	0.418
	Bluetooth	DH5 1Mbps	Right Tilted	0mm	Ant 13	DSI 5	39	2441	1	16.40	18.00	1.445	76.71	1.304	0.04	0.245	0.462
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 13	DSI 5	39	2441	1	16.40	18.00	1.445	76.71	1.304	-0.14	0.260	0.490
	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	39	2441	1	16.40	18.00	1.445	76.71	1.304	0.07	0.442	0.833
28	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	0	2402	1	16.30	18.00	1.479	76.71	1.304	-0.06	0.499	0.962
	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	78	2480	1	16.10	18.00	1.549	76.71	1.304	0.04	0.428	0.864
	Bluetooth	DH5 1Mbps	Right Cheek	0mm	Ant 10	DSI 5	0	2402	1	16.20	17.00	1.202	76.71	1.304	0.02	0.132	0.207
	Bluetooth	DH5 1Mbps	Right Tilted	0mm	Ant 10	DSI 5	0	2402	1	16.20	17.00	1.202	76.71	1.304	-0.05	0.037	0.058
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	0	2402	1	16.20	17.00	1.202	76.71	1.304	-0.06	0.401	0.629
	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 10	DSI 5	0	2402	1	16.20	17.00	1.202	76.71	1.304	0.14	0.072	0.113
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	39	2441	1	15.90	17.00	1.288	76.71	1.304	0.04	0.359	0.603
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	78	2480	1	15.50	17.00	1.413	76.71	1.304	-0.04	0.372	0.685
	Bluetooth	DH5 1Mbps	Right Cheek	0mm	Ant 1	DSI 5	0	2402	1	13.60	15.00	1.380	76.59	1.306	0.02	0.014	0.026
	Bluetooth	DH5 1Mbps	Right Tilted	0mm	Ant 1	DSI 5	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.11	0.007	0.013
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 1	DSI 5	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.07	0.028	0.050



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	Bluetooth	DH5 1Mbps	Left Tilted	0mm	Ant 1	DSI 5	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.18	0.005	0.009
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 1	DSI 5	39	2441	1	12.70	14.00	1.349	76.59	1.306	0.19	0.034	0.060
	Bluetooth	DH5 1Mbps	Left Cheek	0mm	Ant 1	DSI 5	78	2480	1	12.30	14.00	1.479	76.59	1.306	0.1	0.043	0.083
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 13	DSI 5	1	2412	1	17.62	19.00	1.374	100	1.000	0.05	0.445	0.611
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 13	DSI 5	1	2412	1	17.62	19.00	1.374	100	1.000	-0.14	0.553	0.760
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13	DSI 5	1	2412	1	17.62	19.00	1.374	100	1.000	-0.01	0.639	0.878
29	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	1	2412	1	17.62	19.00	1.374	100	1.000	-0.16	0.803	1.103
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13	DSI 5	6	2437	1	17.54	19.00	1.400	100	1.000	0.09	0.562	0.787
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13	DSI 5	11	2462	1	17.22	19.00	1.507	100	1.000	0.01	0.541	0.815
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	6	2437	1	17.54	19.00	1.400	100	1.000	0.03	0.726	1.016
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	11	2462	1	17.22	19.00	1.507	100	1.000	0.07	0.709	1.068
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 10	DSI 5	1	2412	1	17.15	18.50	1.365	100	1.000	-0.12	0.312	0.426
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 10	DSI 5	1	2412	1	17.15	18.50	1.365	100	1.000	-0.14	0.094	0.128
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	1	2412	1	17.15	18.50	1.365	100	1.000	0.09	0.712	0.972
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 10	DSI 5	1	2412	1	17.15	18.50	1.365	100	1.000	-0.14	0.142	0.194
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	6	2437	1	17.12	18.50	1.374	100	1.000	0.17	0.708	0.973
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 10	DSI 5	11	2462	1	16.94	18.50	1.432	100	1.000	-0.05	0.755	1.081
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 13+10(13)	DSI 5	1	2412	1	16.06	17.50	1.393	100	1.000	0.18	0.368	0.513
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 13+10(13)	DSI 5	1	2412	1	16.06	17.50	1.393	100	1.000	0.04	0.496	0.691
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13+10(13)	DSI 5	1	2412	1	16.06	17.50	1.393	100	1.000	0.08	0.627	0.874
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 13+10(13)	DSI 5	1	2412	1	16.06	17.50	1.393	100	1.000	0.12	0.524	0.730
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13+10(13)	DSI 5	6	2437	1	15.94	17.50	1.432	100	1.000	-0.04	0.646	0.925
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 13+10(13)	DSI 5	11	2462	1	15.72	17.50	1.507	100	1.000	0.02	0.686	1.034
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 14	DSI 5	50	5250	1	16.22	18.00	1.507	100	1.000	0.17	0.337	0.508
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 14	DSI 5	50	5250	1	16.22	18.00	1.507	100	1.000	-0.11	0.312	0.470
30	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14	DSI 5	50	5250	1	16.22	18.00	1.507	100	1.000	-0.18	0.549	0.827
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 14	DSI 5	50	5250	1	16.22	18.00	1.507	100	1.000	0.15	0.421	0.634
	WLAN 5.3GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	54	5270	1	19.81	21.50	1.476	100	1.000	0.19	0.115	0.170
	WLAN 5.3GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 15	DSI 5	54	5270	1	19.81	21.50	1.476	100	1.000	0.08	0.104	0.153
	WLAN 5.3GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 15	DSI 5	54	5270	1	19.81	21.50	1.476	100	1.000	0.19	0.081	0.120
	WLAN 5.3GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 15	DSI 5	54	5270	1	19.81	21.50	1.476	100	1.000	0.1	0.069	0.102
	WLAN 5.3GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	62	5310	1	19.76	21.50	1.493	100	1.000	-0.06	0.109	0.163
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 14+15(15)	DSI 5	50	5250	1	12.31	14.00	1.476	100	1.000	-0.15	0.137	0.202
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 14+15(15)	DSI 5	50	5250	1	12.31	14.00	1.476	100	1.000	0.01	0.102	0.151
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14+15(15)	DSI 5	50	5250	1	12.31	14.00	1.476	100	1.000	0.1	0.229	0.338
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 14+15(15)	DSI 5	50	5250	1	12.31	14.00	1.476	100	1.000	-0.14	0.093	0.137
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 14	DSI 5	114	5570	1	16.73	18.00	1.340	100	1.000	0.11	0.463	0.620
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 14	DSI 5	114	5570	1	16.73	18.00	1.340	100	1.000	-0.13	0.442	0.592
31	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14	DSI 5	114	5570	1	16.73	18.00	1.340	100	1.000	-0.04	0.880	1.179
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14	DSI 5	114	5570	2	16.73	18.00	1.340	100	1.000	0.07	0.802	1.074
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 14	DSI 5	114	5570	1	16.73	18.00	1.340	100	1.000	0.06	0.559	0.749
	WLAN 5.5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	110	5550	1	19.65	21.50	1.531	100	1.000	0.07	0.118	0.181
	WLAN 5.5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 15	DSI 5	110	5550	1	19.65	21.50	1.531	100	1.000	0.03	0.108	0.165
	WLAN 5.5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 15	DSI 5	110	5550	1	19.65	21.50	1.531	100	1.000	0.01	0.076	0.116
	WLAN 5.5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 15	DSI 5	110	5550	1	19.65	21.50	1.531	100	1.000	0.03	0.025	0.038
	WLAN 5.5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	102	5510	1	19.02	20.50	1.406	100	1.000	-0.09	0.122	0.172
	WLAN 5.5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	126	5630	1	19.52	21.50	1.578	100	1.000	0.07	0.092	0.145
	WLAN 5.5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 15	DSI 5	134	5670	1	17.03	19.00	1.574	100	1.000	0.1	0.087	0.137
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 14+15(15)	DSI 5	114	5570	1	12.22	14.00	1.507	100	1.000	0.16	0.162	0.244
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 14+15(15)	DSI 5	114	5570	1	12.22	14.00	1.507	100	1.000	-0.06	0.151	0.227
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14+15(15)	DSI 5	114	5570	1	12.22	14.00	1.507	100	1.000	-0.17	0.347	0.523
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 14+15(15)	DSI 5	114	5570	1	12.22	14.00	1.507	100	1.000	0.04	0.137	0.206
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 14	DSI 5	155	5775	1	16.11	18.00	1.545	100	1.000	-0.19	0.391	0.604
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 14	DSI 5	155	5775	1	16.11	18.00	1.545	100	1.000	-0.08	0.375	0.579
32	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 14	DSI 5	155	5775	1	16.11	18.00	1.545	100	1.000	0.01	0.630	0.974
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 14	DSI 5	155	5775	1	16.11	18.00	1.545	100	1.000	-0.19	0.469	0.725



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	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 15	DSI 5	155	5775	1	20.28	22.00	1.486	100	1.000	-0.16	0.164	0.244
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 15	DSI 5	155	5775	1	20.28	22.00	1.486	100	1.000	0.11	0.130	0.193
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 15	DSI 5	155	5775	1	20.28	22.00	1.486	100	1.000	-0.1	0.080	0.119
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 15	DSI 5	155	5775	1	20.28	22.00	1.486	100	1.000	0.14	0.034	0.051
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 14+15(15)	DSI 5	155	5775	1	12.35	14.00	1.462	100	1.000	-0.04	0.136	0.199
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 14+15(15)	DSI 5	155	5775	1	12.35	14.00	1.462	100	1.000	-0.03	0.121	0.177
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 14+15(15)	DSI 5	155	5775	1	12.35	14.00	1.462	100	1.000	-0.14	0.309	0.452
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 14+15(15)	DSI 5	155	5775	1	12.35	14.00	1.462	100	1.000	0.14	0.103	0.151



15.2 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)
750 MHz																					
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	0.06	0.204	0.245
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	0.19	0.284	0.341
33	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	-0.03	0.432	0.519
	LTE Band 71	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	0.08	0.010	0.012
	LTE Band 71	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	-	n/a	n/a
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	0.16	0.165	0.200
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	-0.11	0.231	0.280
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	0.18	0.338	0.410
	LTE Band 71	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	0.01	0.008	0.010
	LTE Band 71	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	-	n/a	n/a
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.04	0.140	0.173
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.18	0.185	0.229
	LTE Band 71	20M	QPSK	1	49	-	Left Side	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.07	0.209	0.258
	LTE Band 71	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.15	0.075	0.093
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.09	0.115	0.146
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.12	0.151	0.191
	LTE Band 71	20M	QPSK	50	24	-	Left Side	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.09	0.169	0.214
	LTE Band 71	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.03	0.060	0.076
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	0.08	0.443	0.591
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	-0.06	0.636	0.848
34	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	-0.09	0.875	1.167
	LTE Band 12	10M	QPSK	1	25	-	Top Side	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	0.04	0.013	0.017
	LTE Band 12	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	-	n/a	n/a
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	0.13	0.355	0.460
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	-0.16	0.525	0.681
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	0.14	0.709	0.920
	LTE Band 12	10M	QPSK	25	12	-	Top Side	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	0.08	0.010	0.013
	LTE Band 12	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	-	n/a	n/a
	LTE Band 12	10M	QPSK	50	0	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	22.57	23.80	1.327	-	-	-0.18	0.526	0.698
	LTE Band 12	10M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI 4	23095	707.5	1	22.57	23.80	1.327	-	-	-0.16	0.696	0.924
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	0.07	0.131	0.171
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	-0.01	0.165	0.215
	LTE Band 12	10M	QPSK	1	25	-	Left Side	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	0.12	0.225	0.293
	LTE Band 12	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	-0.1	0.096	0.125
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	0.08	0.104	0.136
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	0.04	0.141	0.184
	LTE Band 12	10M	QPSK	25	12	-	Left Side	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	-0.13	0.175	0.228
	LTE Band 12	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	-0.03	0.074	0.096
	LTE Band 13	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	0.16	0.452	0.576
	LTE Band 13	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	-0.1	0.662	0.843
35	LTE Band 13	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	0.05	0.932	1.187
	LTE Band 13	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	23230	782	2	23.25	24.30	1.274	-	-	0.06	0.843	1.074
	LTE Band 13	10M	QPSK	1	25	-	Top Side	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	0.03	0.011	0.014
	LTE Band 13	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	-	n/a	n/a
	LTE Band 13	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	-0.09	0.358	0.451
	LTE Band 13	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	0.07	0.537	0.676
	LTE Band 13	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	0.1	0.766	0.964
	LTE Band 13	10M	QPSK	25	12	-	Top Side	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	0.01	0.010	0.013
	LTE Band 13	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	-	n/a	n/a
	LTE Band 13	10M	QPSK	50	0	-	Back	10mm	Ant 0	DSI 4	23230	782	1	22.14	23.30	1.306	-	-	0.04	0.541	0.707



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	LTE Band 13	10M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI 4	23230	782	1	22.14	23.30	1.306	-	-	0.04	0.761	0.994
	LTE Band 13	10M	QPSK	1	25	-	Front	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	0.01	0.114	0.156
	LTE Band 13	10M	QPSK	1	25	-	Back	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	-0.09	0.144	0.196
	LTE Band 13	10M	QPSK	1	25	-	Left Side	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	-0.13	0.179	0.244
	LTE Band 13	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	-0.16	0.090	0.123
	LTE Band 13	10M	QPSK	25	12	-	Front	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	-0.17	0.092	0.122
	LTE Band 13	10M	QPSK	25	12	-	Back	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	-0.09	0.115	0.152
	LTE Band 13	10M	QPSK	25	12	-	Left Side	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	0.19	0.146	0.193
	LTE Band 13	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	-0.02	0.074	0.098
	FR1 n71	35M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	0.11	0.184	0.261
	FR1 n71	35M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	-0.19	0.231	0.327
	FR1 n71	35M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	0.18	0.384	0.544
	FR1 n71	35M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	0.04	0.009	0.013
	FR1 n71	35M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	-	n/a	n/a
	FR1 n71	35M	QPSK	90	45	DFT-15	Front	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.19	0.204	0.290
	FR1 n71	35M	QPSK	90	45	DFT-15	Back	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.02	0.250	0.356
36	FR1 n71	35M	QPSK	90	45	DFT-15	Left Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.09	0.410	0.583
	FR1 n71	35M	QPSK	90	45	DFT-15	Top Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.07	0.011	0.016
	FR1 n71	35M	QPSK	90	45	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	-	n/a	n/a
	FR1 n71	35M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	0.19	0.164	0.239
	FR1 n71	35M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	-0.15	0.202	0.294
	FR1 n71	35M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	-0.1	0.220	0.320
	FR1 n71	35M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	-0.13	0.085	0.124
	FR1 n71	35M	QPSK	90	45	DFT-15	Front	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	-0.02	0.154	0.233
	FR1 n71	35M	QPSK	90	45	DFT-15	Back	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	0.03	0.200	0.302
	FR1 n71	35M	QPSK	90	45	DFT-15	Left Side	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	0	0.203	0.307
	FR1 n71	35M	QPSK	90	45	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	0.03	0.065	0.098
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	0.02	0.351	0.516
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	0.17	0.422	0.620
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	-0.01	0.671	0.986
	FR1 n12	15M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	0.07	0.010	0.015
	FR1 n12	15M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	-	n/a	n/a
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.03	0.422	0.637
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.1	0.472	0.713
37	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.18	0.780	1.178
	FR1 n12	15M	QPSK	36	22	DFT-15	Top Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.01	0.011	0.017
	FR1 n12	15M	QPSK	36	22	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	-	n/a	n/a
	FR1 n12	15M	QPSK	75	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	141500	707.5	1	22.38	24.20	1.521	-	-	0.08	0.721	1.096
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	-0.04	0.129	0.191
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	0.07	0.146	0.216
	FR1 n12	15M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	-0.07	0.340	0.503
	FR1 n12	15M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	0.12	0.101	0.149
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.17	0.121	0.181
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.09	0.141	0.211
	FR1 n12	15M	QPSK	36	22	DFT-15	Left Side	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.03	0.316	0.473
	FR1 n12	15M	QPSK	36	22	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.11	0.097	0.145
835 MHz																					
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	0.15	0.166	0.227
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	0.17	0.217	0.296
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	-0.14	0.201	0.274
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	-0.04	0.158	0.216
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	189	836.4	1	26.68	28.50	1.521	-	-	0.12	0.182	0.277
38	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	251	848.8	1	26.70	28.50	1.514	-	-	-0.17	0.208	0.315
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.07	0.549	0.674
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.18	0.620	0.761
39	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.13	0.954	1.171



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	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.08	0.012	0.015
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	-	n/a	n/a
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	4132	826.4	1	22.40	23.30	1.230	-	-	-0.09	0.924	1.137
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	4233	846.6	1	22.34	23.30	1.247	-	-	0.12	0.828	1.033
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	-0.08	0.141	0.162
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	-0.07	0.251	0.288
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	0.02	0.237	0.272
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	-0.05	0.118	0.135
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4132	826.4	1	24.17	24.80	1.156	-	-	0.03	0.218	0.252
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4233	846.6	1	24.13	24.80	1.167	-	-	0.12	0.286	0.334
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.03	0.375	0.470
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.1	0.471	0.590
40	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.15	0.766	0.960
	LTE Band 26	15M	QPSK	1	37	-	Top Side	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.08	0.014	0.018
	LTE Band 26	15M	QPSK	1	37	-	Bottom Side	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	-	n/a	n/a
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 0	DSI 4	26765	821.5	1	23.88	24.80	1.236	-	-	-0.18	0.723	0.894
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 0	DSI 4	26965	841.5	1	23.75	24.80	1.274	-	-	-0.05	0.607	0.773
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	0	0.298	0.372
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	0.14	0.367	0.458
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	-0.08	0.589	0.735
	LTE Band 26	15M	QPSK	36	20	-	Top Side	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	0.04	0.010	0.012
	LTE Band 26	15M	QPSK	36	20	-	Bottom Side	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	-	n/a	n/a
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 0	DSI 4	26765	821.5	1	22.89	23.80	1.233	-	-	-0.08	0.594	0.732
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 0	DSI 4	26965	841.5	1	22.75	23.80	1.274	-	-	-0.13	0.493	0.628
	LTE Band 26	15M	QPSK	75	0	-	Left Side	10mm	Ant 0	DSI 4	26865	831.5	1	22.74	23.80	1.276	-	-	0.07	0.601	0.767
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.1	0.165	0.218
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.03	0.221	0.291
	LTE Band 26	15M	QPSK	1	37	-	Left Side	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.02	0.208	0.274
	LTE Band 26	15M	QPSK	1	37	-	Bottom Side	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.17	0.148	0.195
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26765	821.5	1	23.92	25.00	1.282	-	-	-0.02	0.179	0.230
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26965	841.5	1	23.79	25.00	1.321	-	-	0.19	0.249	0.329
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	-0.01	0.132	0.173
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	-0.05	0.183	0.240
	LTE Band 26	15M	QPSK	36	20	-	Left Side	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	-0.16	0.174	0.228
	LTE Band 26	15M	QPSK	36	20	-	Bottom Side	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	0.14	0.118	0.155
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26765	821.5	1	22.88	24.00	1.294	-	-	-0.1	0.146	0.189
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26965	841.5	1	22.80	24.00	1.318	-	-	-0.12	0.193	0.254
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-0.18	0.496	0.663
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-0.11	0.515	0.688
41	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-0.14	0.849	1.135
	FR1 n5	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	0.02	0.080	0.107
	FR1 n5	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-	n/a	n/a
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	0.03	0.472	0.637
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	-0.18	0.506	0.683
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	-0.11	0.815	1.099
	FR1 n5	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	0.01	0.070	0.094
	FR1 n5	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	-	n/a	n/a
	FR1 n5	20M	QPSK	100	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	167300	836.5	1	22.39	23.70	1.352	-	-	-0.05	0.752	1.017
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.18	0.164	0.230
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.06	0.253	0.354
	FR1 n5	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.15	0.226	0.316
	FR1 n5	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.03	0.132	0.185
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	-0.03	0.172	0.246
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	-0.07	0.264	0.377
	FR1 n5	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	0.18	0.231	0.330
	FR1 n5	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	0.09	0.138	0.197



1750 MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	-0.06	0.206	0.234
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	-0.13	0.397	0.451
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	0.18	0.796	0.903
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	0.09	0.015	0.017
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	-	n/a	n/a
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	1312	1712.4	1	21.69	22.30	1.151	-	-	-0.14	0.738	0.849
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	1513	1752.6	1	21.70	22.30	1.148	-	-	-0.11	0.815	0.936
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	0.1	0.338	0.395
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	-0.01	0.404	0.472
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	-0.08	0.114	0.133
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	0.11	0.133	0.156
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	-0.07	0.841	0.984
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	1312	1712.4	1	22.77	23.50	1.183	-	-	0.06	0.854	1.010
42	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	1513	1752.6	1	22.73	23.50	1.194	-	-	-0.02	0.896	1.070
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-0.13	0.303	0.334
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-0.18	0.379	0.417
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-0.03	0.646	0.712
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	0.08	0.013	0.014
	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-	n/a	n/a
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	132072	1720	1	22.25	22.80	1.135	-	-	0.1	0.632	0.717
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	132572	1770	1	22.30	22.80	1.122	-	-	-0.11	0.664	0.745
	LTE Band 66C	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI 4	132322+132520	1745+1764.8	1	21.48	22.80	1.355	-	-	0.17	0.583	0.790
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	0.15	0.287	0.322
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	-0.16	0.361	0.405
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	0.09	0.631	0.708
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	0.06	0.011	0.012
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	-	n/a	n/a
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	132072	1720	1	22.17	22.80	1.156	-	-	-0.04	0.629	0.727
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	132572	1770	1	22.29	22.80	1.125	-	-	-0.05	0.646	0.726
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	-0.05	0.347	0.408
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	0.15	0.442	0.519
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	-0.18	0.105	0.123
	LTE Band 66	20M	QPSK	1	49	-	Right Side	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	-0.06	0.162	0.190
	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	-0.12	0.891	1.047
	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	132072	1720	1	22.75	23.50	1.189	-	-	-0.08	0.854	1.015
43	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	132572	1770	1	22.73	23.50	1.194	-	-	0.15	0.913	1.090
	LTE Band 66C	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 5	DSI 4	132322+132520	1745+1764.8	1	22.37	23.50	1.297	-	-	-0.17	0.825	1.070
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	0.09	0.318	0.376
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	-0.17	0.429	0.508
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	0.19	0.096	0.114
	LTE Band 66	20M	QPSK	50	24	-	Right Side	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	-0.09	0.155	0.183
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	-0.12	0.847	1.002
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	132072	1720	1	22.73	23.50	1.194	-	-	0.19	0.810	0.967
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	132572	1770	1	22.70	23.50	1.202	-	-	-0.04	0.861	1.035
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 5	DSI 4	132322	1745	1	22.75	23.50	1.189	-	-	0.17	0.832	0.989
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	0.17	0.138	0.151
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	-0.06	0.200	0.218
	LTE Band 66	20M	QPSK	1	49	-	Left Side	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	0.1	0.095	0.104
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	0.09	0.462	0.504
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	132072	1720	1	19.84	20.30	1.112	-	-	0.05	0.447	0.497
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	132572	1770	1	19.88	20.30	1.102	-	-	0.1	0.467	0.514
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	0.15	0.140	0.154
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	0.06	0.201	0.220
	LTE Band 66	20M	QPSK	50	24	-	Left Side	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	-0.06	0.097	0.106



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	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	-0.06	0.473	0.519
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	132072	1720	1	19.80	20.30	1.122	-	-	0.03	0.460	0.516
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	132572	1770	1	19.87	20.30	1.104	-	-	0.14	0.518	0.572
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	0.06	0.302	0.345
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	-0.14	0.503	0.575
	LTE Band 66	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	-0.16	0.701	0.801
	LTE Band 66	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	0.05	0.019	0.022
	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	-	n/a	n/a
	LTE Band 66	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	132072	1720	1	22.35	23.00	1.161	-	-	0.03	0.689	0.800
	LTE Band 66	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	132572	1770	1	22.38	23.00	1.153	-	-	0.01	0.751	0.866
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	0.09	0.296	0.340
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	-0.05	0.463	0.532
	LTE Band 66	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	0.06	0.666	0.765
	LTE Band 66	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	0.08	0.017	0.020
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	-	n/a	n/a
	LTE Band 66	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	132072	1720	1	22.28	23.00	1.180	-	-	0.15	0.661	0.780
	LTE Band 66	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	132572	1770	1	22.35	23.00	1.161	-	-	0.08	0.700	0.813
	LTE Band 66	20M	QPSK	100	0	-	Right Side	10mm	Ant 7	DSI 4	132322	1745	1	22.35	23.00	1.161	-	-	0.09	0.664	0.771
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	-0.14	0.186	0.233
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	0.07	0.426	0.534
	FR1 n66	45M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	0.03	0.621	0.778
	FR1 n66	45M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	0.01	0.016	0.020
	FR1 n66	45M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	-	n/a	n/a
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	0.19	0.202	0.255
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	-0.06	0.489	0.618
	FR1 n66	45M	QPSK	120	60	DFT-15	Left Side	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	-0.01	0.674	0.852
	FR1 n66	45M	QPSK	120	60	DFT-15	Top Side	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	0.05	0.018	0.023
	FR1 n66	45M	QPSK	120	60	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	-	n/a	n/a
	FR1 n66	45M	QPSK	240	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	349000	1745	1	22.17	23.20	1.268	-	-	-0.12	0.621	0.787
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	-0.11	0.298	0.402
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	-0.09	0.429	0.579
	FR1 n66	45M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	-0.17	0.078	0.105
	FR1 n66	45M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	0.06	0.126	0.170
	FR1 n66	45M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	0.11	0.751	1.013
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	0.14	0.299	0.407
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	-0.12	0.437	0.595
	FR1 n66	45M	QPSK	120	60	DFT-15	Left Side	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	-0.16	0.080	0.109
	FR1 n66	45M	QPSK	120	60	DFT-15	Right Side	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	0.06	0.127	0.173
44	FR1 n66	45M	QPSK	120	60	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	0.13	0.787	1.071
	FR1 n66	45M	QPSK	240	0	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	349000	1745	1	21.51	22.90	1.377	-	-	0.05	0.733	1.009
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	0.06	0.180	0.239
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	-0.06	0.221	0.293
	FR1 n66	45M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	-0.14	0.099	0.131
	FR1 n66	45M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	-0.07	0.516	0.685
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	0.06	0.162	0.217
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	-0.13	0.199	0.266
	FR1 n66	45M	QPSK	120	60	DFT-15	Left Side	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	0.12	0.089	0.119
	FR1 n66	45M	QPSK	120	60	DFT-15	Top Side	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	0.17	0.478	0.639
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	-0.09	0.303	0.386
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	0.07	0.523	0.666
	FR1 n66	45M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	0.18	0.764	0.973
	FR1 n66	45M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	0.08	0.015	0.019
	FR1 n66	45M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	-	n/a	n/a
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	0	0.298	0.380
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	0.17	0.501	0.639
	FR1 n66	45M	QPSK	120	60	DFT-15	Right Side	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	-0.09	0.749	0.956



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	FR1 n66	45M	QPSK	120	60	DFT-15	Top Side	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	0.08	0.014	0.018
	FR1 n66	45M	QPSK	120	60	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	-	n/a	n/a
	FR1 n66	45M	QPSK	240	0	DFT-15	Right Side	10mm	Ant 7	DSI 4	349000	1745	1	22.33	23.40	1.279	-	-	-0.04	0.728	0.931
1900 MHz																					
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	-0.03	0.294	0.366
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	0.11	0.306	0.381
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	-0.19	0.076	0.095
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	0.12	0.109	0.136
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	-0.13	0.564	0.702
45	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 5	DSI 4	512	1850.2	1	24.20	25.50	1.349	-	-	0.18	0.606	0.817
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 5	DSI 4	661	1880	1	24.30	25.50	1.318	-	-	-0.16	0.600	0.791
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	-0.04	0.230	0.319
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	0.02	0.380	0.527
46	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	-0.14	0.696	0.965
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	0.06	0.017	0.024
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	-	n/a	n/a
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	9262	1852.4	1	19.80	21.30	1.413	-	-	0.08	0.605	0.855
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	9538	1907.6	1	19.82	21.30	1.406	-	-	0.16	0.637	0.896
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	0.13	0.287	0.335
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	0.13	0.325	0.379
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	-0.15	0.072	0.084
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	-0.17	0.100	0.117
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	-0.16	0.703	0.820
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	9262	1852.4	1	21.22	22.00	1.197	-	-	-0.01	0.743	0.889
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 5	DSI 4	9538	1907.6	1	21.25	22.00	1.189	-	-	-0.12	0.664	0.789
	LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	0.11	0.297	0.347
	LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	-0.04	0.396	0.462
	LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	-0.04	0.633	0.739
	LTE Band 2	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	0.06	0.015	0.018
	LTE Band 2	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	-	n/a	n/a
	LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	18700	1860	1	20.50	21.30	1.202	-	-	0.09	0.616	0.741
47	LTE Band 2	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	19100	1900	1	20.54	21.30	1.191	-	-	0.13	0.682	0.812
	LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	0.09	0.276	0.324
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	0.05	0.361	0.423
	LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	-0.05	0.615	0.721
	LTE Band 2	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	0.09	0.012	0.014
	LTE Band 2	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	-	n/a	n/a
	LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	18700	1860	1	20.49	21.30	1.205	-	-	0.19	0.600	0.723
	LTE Band 2	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	19100	1900	1	20.50	21.30	1.202	-	-	0.04	0.646	0.777
	LTE Band 2	20M	QPSK	100	0	-	Left Side	10mm	Ant 0	DSI 4	18900	1880	1	20.51	21.30	1.199	-	-	0.03	0.612	0.734
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	0.17	0.246	0.296
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	0.03	0.320	0.385
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	-0.03	0.670	0.806
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	0.06	0.015	0.018
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	26140	1860	1	19.93	20.80	1.222	-	-	0.04	0.654	0.799
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	26590	1905	1	19.90	20.80	1.230	-	-	0.15	0.704	0.866
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	-0.06	0.239	0.289
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	-0.07	0.318	0.384
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	0.18	0.656	0.792
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	0.09	0.013	0.016
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	26140	1860	1	19.90	20.80	1.230	-	-	-0.16	0.655	0.806
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	26590	1905	1	19.87	20.80	1.239	-	-	-0.19	0.663	0.821
	LTE Band 25	20M	QPSK	100	0	-	Left Side	10mm	Ant 0	DSI 4	26340	1880	1	19.95	20.80	1.216	-	-	-0.06	0.633	0.770
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	-0.03	0.249	0.289



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	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	0.09	0.261	0.302
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	0.13	0.104	0.121
	LTE Band 25	20M	QPSK	1	49	-	Right Side	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	0.14	0.109	0.126
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	0.02	0.724	0.839
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	26140	1860	1	21.31	22.00	1.172	-	-	0.05	0.715	0.838
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	26590	1905	1	21.25	22.00	1.189	-	-	0.04	0.707	0.840
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.02	0.258	0.302
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.13	0.268	0.313
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	0.05	0.107	0.125
	LTE Band 25	20M	QPSK	50	24	-	Right Side	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.07	0.110	0.129
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.19	0.726	0.849
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	26140	1860	1	21.29	22.00	1.178	-	-	-0.05	0.749	0.882
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	26590	1905	1	21.22	22.00	1.197	-	-	-0.11	0.727	0.870
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 5	DSI 4	26340	1880	1	21.28	22.00	1.180	-	-	0.05	0.724	0.855
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	-0.1	0.339	0.370
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	0.05	0.494	0.539
	LTE Band 25	20M	QPSK	1	49	-	Left Side	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	-0.09	0.162	0.177
48	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	-0.13	0.923	1.007
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	26140	1860	1	22.58	23.00	1.102	-	-	-0.15	0.909	1.001
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	26590	1905	1	22.55	23.00	1.109	-	-	0.18	0.854	0.947
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0.11	0.310	0.339
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0.06	0.461	0.504
	LTE Band 25	20M	QPSK	50	24	-	Left Side	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0.03	0.142	0.155
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0	0.837	0.916
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	26140	1860	1	22.55	23.00	1.109	-	-	0.12	0.856	0.949
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	26590	1905	1	22.53	23.00	1.114	-	-	-0.11	0.826	0.920
	LTE Band 25	20M	QPSK	100	0	-	Top Side	10mm	Ant 6	DSI 4	26340	1880	1	22.56	23.00	1.107	-	-	0.08	0.841	0.931
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	0.08	0.404	0.440
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	-0.06	0.656	0.714
	LTE Band 25	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	-0.15	0.912	0.993
	LTE Band 25	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	0.16	0.095	0.103
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	26140	1860	1	23.33	23.80	1.114	-	-	-0.07	0.885	0.986
	LTE Band 25	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	26590	1905	1	23.38	23.80	1.102	-	-	0.05	0.871	0.959
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	-0.01	0.371	0.408
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	0.15	0.551	0.606
	LTE Band 25	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	-0.19	0.856	0.941
	LTE Band 25	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	-0.17	0.081	0.089
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	26140	1860	1	23.35	23.80	1.109	-	-	-0.01	0.837	0.928
	LTE Band 25	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	26590	1905	1	23.30	23.80	1.122	-	-	0.08	0.826	0.927
	LTE Band 25	20M	QPSK	100	0	-	Right Side	10mm	Ant 7	DSI 4	26340	1880	1	23.30	23.80	1.122	-	-	0.19	0.809	0.908
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	0.18	0.221	0.334
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	-0.18	0.309	0.467
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	0.02	0.711	1.074
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	0.03	0.014	0.021
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-0.19	0.226	0.343
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-0.01	0.349	0.529
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-0.17	0.751	1.139
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	0.06	0.016	0.024
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	216	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	0.01	0.689	1.045
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	-0.04	0.326	0.448
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	0	0.363	0.499
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	0.14	0.098	0.135



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	FR1 n25	40M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	-0.1	0.148	0.203
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	0.17	0.781	1.073
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	-0.17	0.305	0.422
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	0.14	0.341	0.472
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	0.17	0.092	0.127
	FR1 n25	40M	QPSK	108	54	DFT-15	Right Side	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	0.17	0.139	0.192
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	-0.03	0.736	1.018
	FR1 n25	40M	QPSK	216	0	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	376500	1882.5	1	21.92	23.40	1.406	-	-	-0.15	0.711	1.000
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	0.11	0.342	0.416
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	0.01	0.487	0.592
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	0.09	0.191	0.232
49	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	-0.18	0.942	1.146
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 6	DSI 4	376500	1882.5	2	22.05	22.90	1.216	-	-	0.08	0.896	1.090
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	0.05	0.326	0.401
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	-0.02	0.462	0.568
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	-0.05	0.188	0.231
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	0.06	0.901	1.108
	FR1 n25	40M	QPSK	216	0	DFT-15	Top Side	10mm	Ant 6	DSI 4	376500	1882.5	1	21.95	22.90	1.245	-	-	0.1	0.866	1.078
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	0.09	0.270	0.375
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	-0.08	0.463	0.644
	FR1 n25	40M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	-0.14	0.784	1.090
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	-0.04	0.065	0.090
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	0.18	0.260	0.363
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	0.16	0.441	0.616
	FR1 n25	40M	QPSK	108	54	DFT-15	Right Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	-0.02	0.709	0.990
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	0.19	0.058	0.081
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 7	DSI 4	376500	1882.5	1	21.70	23.20	1.413	-	-	0.14	0.716	1.011
2300 MHz																					
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.11	0.228	0.243
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.05	0.375	0.400
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.01	0.606	0.646
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.05	0.019	0.020
	LTE Band 30	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	-	n/a	n/a
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	0.13	0.241	0.263
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	-0.18	0.398	0.434
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	-0.14	0.630	0.688
	LTE Band 30	10M	QPSK	25	12	-	Top Side	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	0.06	0.020	0.022
	LTE Band 30	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	-	n/a	n/a
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	0.03	0.294	0.326
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	0.04	0.331	0.367
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	-0.12	0.107	0.119
	LTE Band 30	10M	QPSK	1	25	-	Right Side	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	-0.18	0.117	0.130
	LTE Band 30	10M	QPSK	1	25	-	Bottom Side	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	-0.12	0.731	0.811
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	-0.07	0.301	0.336
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	0.15	0.345	0.385
	LTE Band 30	10M	QPSK	25	12	-	Left Side	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	-0.12	0.117	0.131
	LTE Band 30	10M	QPSK	25	12	-	Right Side	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	-0.1	0.118	0.132
50	LTE Band 30	10M	QPSK	25	12	-	Bottom Side	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	0.08	0.824	0.920
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	10mm	Ant 5	DSI 4	27710	2310	1	22.31	22.80	1.119	-	-	-0.05	0.730	0.817
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.03	0.182	0.243
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.16	0.219	0.292
	LTE Band 30	10M	QPSK	1	25	-	Left Side	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.16	0.107	0.143
	LTE Band 30	10M	QPSK	1	25	-	Top Side	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.09	0.387	0.516
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	-0.12	0.174	0.233



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	LTE Band 30	10M	QPSK	25	12		Back	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	-0.13	0.188	0.252
	LTE Band 30	10M	QPSK	25	12		Left Side	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	-0.03	0.100	0.134
	LTE Band 30	10M	QPSK	25	12		Top Side	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	0.15	0.362	0.485
	LTE Band 30	10M	QPSK	1	25		Front	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	0.05	0.179	0.230
	LTE Band 30	10M	QPSK	1	25		Back	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	-0.17	0.227	0.291
	LTE Band 30	10M	QPSK	1	25		Right Side	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	0	0.438	0.562
	LTE Band 30	10M	QPSK	1	25		Top Side	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	0.12	0.048	0.062
	LTE Band 30	10M	QPSK	1	25		Bottom Side	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	-	n/a	n/a
	LTE Band 30	10M	QPSK	25	12		Front	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	0.13	0.176	0.227
	LTE Band 30	10M	QPSK	25	12		Back	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	-0.03	0.215	0.277
	LTE Band 30	10M	QPSK	25	12		Right Side	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	0.16	0.414	0.533
	LTE Band 30	10M	QPSK	25	12		Top Side	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	0.16	0.046	0.059
	LTE Band 30	10M	QPSK	25	12		Bottom Side	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	-	n/a	n/a
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	0.14	0.259	0.351
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	0.08	0.421	0.571
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	-0.16	0.689	0.934
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	0.06	0.019	0.026
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	-	n/a	n/a
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	0.15	0.260	0.357
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	0.14	0.440	0.605
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	-0.08	0.715	0.982
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	0.06	0.021	0.029
	FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	-	n/a	n/a
	FR1 n30	10M	QPSK	50	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	462000	2310	1	20.78	22.20	1.387	-	-	0.07	0.671	0.931
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	-0.09	0.261	0.397
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	-0.14	0.307	0.467
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	0.04	0.090	0.137
	FR1 n30	10M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	-0.14	0.123	0.187
51	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	0.01	0.659	1.002
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	0.19	0.240	0.367
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	-0.11	0.289	0.441
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	-0.16	0.085	0.130
	FR1 n30	10M	QPSK	25	14	DFT-15	Right Side	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	0.16	0.117	0.179
	FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	0.17	0.626	0.956
	FR1 n30	10M	QPSK	50	0	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	462000	2310	1	20.26	22.20	1.563	-	-	0.17	0.606	0.947
2600 MHz																					
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	-0.03	0.292	0.319
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	-0.1	0.520	0.568
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	0.02	0.897	0.979
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	0.06	0.025	0.027
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	20850	2510	1	21.33	21.80	1.114	-	-	-0.11	0.851	0.948
52	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	21350	2560	1	21.38	21.80	1.102	-	-	-0.01	0.961	1.059
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI 4	21350+ 21152	2560+ 2540.2	1	21.24	21.80	1.138	-	-	0.05	0.916	1.042
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	-0.01	0.263	0.288
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	0.03	0.452	0.496
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	0.18	0.826	0.906
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	0.05	0.023	0.025
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	20850	2510	1	21.29	21.80	1.125	-	-	-0.11	0.806	0.906
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	21350	2560	1	21.36	21.80	1.107	-	-	-0.07	0.876	0.969
	LTE Band 7	20M	QPSK	100	0	-	Left Side	10mm	Ant 0	DSI 4	21100	2535	1	21.32	21.80	1.117	-	-	-0.01	0.833	0.930
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	0.04	0.262	0.279
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	-0.07	0.442	0.471
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	-0.03	0.134	0.143
	LTE Band 7	20M	QPSK	1	49	-	Right Side	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	-0.16	0.081	0.086



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	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	0.09	0.855	0.912
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	20850	2510	1	22.45	22.80	1.084	-	-	-0.08	0.779	0.844
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	21350	2560	1	22.48	22.80	1.076	-	-	0.06	0.908	0.977
	LTE Band 7C	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 5	DSI 4	21350+ 21152	2560+ 2540.2	1	22.20	22.80	1.148	-	-	0.05	0.871	1.000
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	0	0.211	0.227
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	-0.09	0.416	0.447
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	-0.03	0.107	0.115
	LTE Band 7	20M	QPSK	50	24	-	Right Side	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	-0.13	0.072	0.077
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	0.03	0.801	0.860
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	20850	2510	1	22.43	22.80	1.089	-	-	-0.12	0.741	0.807
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	21350	2560	1	22.44	22.80	1.086	-	-	0.11	0.886	0.963
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 5	DSI 4	21100	2535	1	22.47	22.80	1.079	-	-	-0.11	0.783	0.845
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	-0.11	0.216	0.227
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	-0.05	0.306	0.322
	LTE Band 7	20M	QPSK	1	49	-	Left Side	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	0.1	0.110	0.116
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	-0.12	0.848	0.892
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	20850	2510	1	19.03	19.30	1.064	-	-	-0.18	0.705	0.750
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	21350	2560	1	19.00	19.30	1.072	-	-	0.16	0.885	0.948
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	-0.01	0.213	0.226
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	-0.19	0.283	0.300
	LTE Band 7	20M	QPSK	50	24	-	Left Side	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	-0.17	0.102	0.108
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	0.05	0.832	0.881
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	20850	2510	1	19.01	19.30	1.069	-	-	0.02	0.641	0.685
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	21350	2560	1	18.96	19.30	1.081	-	-	0.18	0.842	0.911
	LTE Band 7	20M	QPSK	100	0	-	Top Side	10mm	Ant 6	DSI 4	21100	2535	1	19.04	19.30	1.062	-	-	-0.1	0.840	0.892
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-0.06	0.152	0.159
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-0.14	0.178	0.186
	LTE Band 7	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-0.08	0.471	0.493
	LTE Band 7	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	0.14	0.075	0.079
	LTE Band 7	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	20850	2510	1	22.00	22.30	1.072	-	-	-0.02	0.433	0.464
	LTE Band 7	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	21350	2560	1	22.02	22.30	1.067	-	-	-0.14	0.501	0.534
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	0.11	0.143	0.152
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	-0.01	0.172	0.183
	LTE Band 7	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	0.1	0.463	0.493
	LTE Band 7	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	0.05	0.072	0.077
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	20850	2510	1	21.98	22.30	1.076	-	-	0.04	0.409	0.440
	LTE Band 7	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	21350	2560	1	21.97	22.30	1.079	-	-	-0.16	0.489	0.528
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	0.09	0.209	0.217
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	-0.18	0.303	0.314
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	0.1	0.728	0.755
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	0.06	0.025	0.026
	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	-	n/a	n/a
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	39750	2506	1	22.12	22.30	1.042	62.9	1.006	-0.03	0.726	0.761
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	40620	2593	1	22.12	22.30	1.042	62.9	1.006	-0.02	0.830	0.870
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	41055	2636.5	1	22.10	22.30	1.047	62.9	1.006	0.05	0.869	0.915
	LTE Band 41C PC3	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI 4	40620+ 40818	2593+ 2612.8	1	21.71	22.30	1.146	62.9	1.006	0.07	0.777	0.895
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	41490	2680	1	22.15	22.30	1.035	62.9	1.006	0.18	0.820	0.854
	LTE Band 41 PC2	20M	QPSK	1	49	-	Left Side	10mm	Ant 0	DSI 4	41055	2636.5	1	23.10	23.90	1.202	42.9	1.009	0.17	0.742	0.900
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	-0.08	0.189	0.197
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	0.14	0.271	0.283



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	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	-0.04	0.688	0.718
	LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	0.06	0.021	0.022
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	-	n/a	n/a
	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	39750	2506	1	22.10	22.30	1.047	62.9	1.006	-0.11	0.673	0.709
	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	40620	2593	1	22.07	22.30	1.054	62.9	1.006	-0.09	0.801	0.850
	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	41055	2636.5	1	22.09	22.30	1.050	62.9	1.006	-0.06	0.826	0.872
	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 0	DSI 4	41490	2680	1	22.13	22.30	1.040	62.9	1.006	0.06	0.793	0.830
	LTE Band 41 PC3	20M	QPSK	100	0	-	Left Side	10mm	Ant 0	DSI 4	40185	2549.5	1	22.15	22.30	1.035	62.9	1.006	-0.1	0.646	0.673
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	-0.03	0.268	0.288
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	0.19	0.568	0.609
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	-0.11	0.163	0.175
	LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	0.17	0.110	0.118
	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	-0.02	0.828	0.888
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	39750	2506	1	23.47	23.80	1.079	62.9	1.006	-0.06	0.451	0.490
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	40620	2593	1	23.45	23.80	1.084	62.9	1.006	0.08	0.523	0.570
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	41055	2636.5	1	23.40	23.80	1.096	62.9	1.006	-0.19	0.599	0.661
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	41490	2680	1	23.50	23.80	1.072	62.9	1.006	0.01	0.417	0.450
	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	39750	2506	1	23.40	23.80	1.096	62.9	1.006	-0.06	0.861	0.950
	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	40620	2593	1	23.43	23.80	1.089	62.9	1.006	0.15	1.010	1.106
53	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	41055	2636.5	1	23.38	23.80	1.102	62.9	1.006	-0.07	1.030	1.141
	LTE Band 41C PC3	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 5	DSI 4	40620+40818	2593+2612.8	1	23.41	23.80	1.094	62.9	1.006	0.06	0.960	1.056
	LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	41490	2680	1	23.40	23.80	1.096	62.9	1.006	0.09	0.925	1.020
	LTE Band 41 PC2	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	41055	2636.5	1	24.22	25.40	1.312	42.9	1.009	0	0.849	1.124
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	-0.13	0.228	0.247
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	-0.19	0.525	0.569
	LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	0.03	0.147	0.159
	LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	0.09	0.102	0.110
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	-0.19	0.781	0.846
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	39750	2506	1	23.40	23.80	1.096	62.9	1.006	0.11	0.824	0.909
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	40620	2593	1	23.43	23.80	1.089	62.9	1.006	0.06	0.942	1.032
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	41055	2636.5	1	23.38	23.80	1.102	62.9	1.006	-0.08	0.951	1.054
	LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 5	DSI 4	41490	2680	1	23.40	23.80	1.096	62.9	1.006	-0.04	0.917	1.012
	LTE Band 41 PC3	20M	QPSK	100	0	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.41	23.80	1.094	62.9	1.006	0.19	0.487	0.536
	LTE Band 41 PC3	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 5	DSI 4	40185	2549.5	1	23.41	23.80	1.094	62.9	1.006	0.19	0.766	0.843
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	0.12	0.262	0.270
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	-0.03	0.403	0.415
	LTE Band 41 PC3	20M	QPSK	1	49	-	Left Side	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	-0.1	0.073	0.075
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	-0.18	0.935	0.963
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	39750	2506	1	22.61	22.80	1.045	62.9	1.006	-0.11	0.721	0.758
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	40620	2593	1	22.58	22.80	1.052	62.9	1.006	0.02	0.866	0.916
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	41055	2636.5	1	22.53	22.80	1.064	62.9	1.006	-0.17	0.762	0.816
	LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	41490	2680	1	22.63	22.80	1.040	62.9	1.006	0.19	0.633	0.662
	LTE Band 41 PC2	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	40185	2549.5	1	23.08	24.40	1.355	42.9	1.009	-0.02	0.701	0.959



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LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.05	0.251	0.261
LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.14	0.271	0.282
LTE Band 41 PC3	20M	QPSK	50	24	-	Left Side	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.17	0.070	0.073
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.1	0.886	0.921
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	39750	2506	1	22.59	22.80	1.050	62.9	1.006	-0.05	0.706	0.745
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	40620	2593	1	22.55	22.80	1.059	62.9	1.006	-0.02	0.837	0.892
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	41055	2636.5	1	22.42	22.80	1.091	62.9	1.006	-0.15	0.743	0.816
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	41490	2680	1	22.62	22.80	1.042	62.9	1.006	0.19	0.626	0.656
LTE Band 41 PC3	20M	QPSK	100	0	-	Top Side	10mm	Ant 6	DSI 4	40185	2549.5	1	22.62	22.80	1.042	62.9	1.006	0.08	0.837	0.878
LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-0.15	0.157	0.161
LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-0.05	0.258	0.265
LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-0.08	0.575	0.591
LTE Band 41 PC3	20M	QPSK	1	49	-	Top Side	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	0.08	0.035	0.036
LTE Band 41 PC3	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-	n/a	n/a
LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	39750	2506	1	24.66	24.80	1.033	62.9	1.006	-0.18	0.537	0.558
LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	40620	2593	1	24.67	24.80	1.030	62.9	1.006	-0.09	0.472	0.489
LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	41055	2636.5	1	24.62	24.80	1.042	62.9	1.006	0.01	0.440	0.461
LTE Band 41 PC3	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	41490	2680	1	24.68	24.80	1.028	62.9	1.006	-0.16	0.411	0.425
LTE Band 41 PC2	20M	QPSK	1	49	-	Right Side	10mm	Ant 7	DSI 4	40185	2549.5	1	26.42	26.80	1.091	42.9	1.009	0.04	0.526	0.579
LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	-0.07	0.134	0.136
LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	-0.16	0.235	0.238
LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	0.16	0.523	0.530
LTE Band 41 PC3	20M	QPSK	50	24	-	Top Side	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	0.08	0.031	0.031
LTE Band 41 PC3	20M	QPSK	50	24	-	Bottom Side	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	-	n/a	n/a
LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	39750	2506	1	23.68	23.80	1.028	62.9	1.006	0.07	0.506	0.523
LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	40620	2593	1	23.75	23.80	1.012	62.9	1.006	-0.17	0.462	0.470
LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	41055	2636.5	1	23.66	23.80	1.033	62.9	1.006	0.16	0.424	0.441
LTE Band 41 PC3	20M	QPSK	50	24	-	Right Side	10mm	Ant 7	DSI 4	41490	2680	1	23.69	23.80	1.026	62.9	1.006	0.03	0.408	0.421
FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	-0.18	0.243	0.332
FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	0.03	0.541	0.738
FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	0.16	0.751	1.025
FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	0.06	0.020	0.027
FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	-	n/a	n/a
FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.02	0.269	0.371
FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.09	0.577	0.796
FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	2	19.80	21.20	1.380	-	-	0.09	0.526	0.726
FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.19	0.789	1.089
FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.08	0.023	0.032
FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	-	n/a	n/a
FR1 n7	50M	QPSK	270	0	DFT-15	Left Side	10mm	Ant 0	DSI 4	507000	2535	1	19.78	21.20	1.387	-	-	0.11	0.675	0.936
FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	-0.15	0.230	0.277
FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	0.15	0.411	0.494
FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	0.09	0.149	0.179
FR1 n7	50M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	0.07	0.076	0.091
FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	-0.19	0.786	0.945
FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	0.07	0.237	0.288
FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	-0.04	0.441	0.536



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	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	0.03	0.154	0.187
	FR1 n7	50M	QPSK	135	68	DFT-15	Right Side	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	-0.13	0.078	0.095
	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	-0.01	0.820	0.997
	FR1 n7	50M	QPSK	270	0	DFT-15	Bottom Side	10mm	Ant 5	DSI 4	509000	2545	1	21.32	22.20	1.225	-	-	0.05	0.788	0.965
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	-0.12	0.238	0.263
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	-0.09	0.310	0.342
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	0.17	0.121	0.134
	FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	-0.19	0.929	1.026
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	0.03	0.259	0.289
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	-0.04	0.370	0.412
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	-0.09	0.140	0.156
54	FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	-0.05	0.999	1.113
	FR1 n7	50M	QPSK	270	0	DFT-15	Top Side	10mm	Ant 6	DSI 4	507000	2535	1	19.21	19.70	1.119	-	-	0.13	0.902	1.010
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	-0.12	0.161	0.191
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	0.06	0.213	0.253
	FR1 n7	50M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	0.05	0.555	0.660
	FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	0.06	0.041	0.049
	FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	-	n/a	n/a
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	0.18	0.160	0.192
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	-0.12	0.199	0.239
	FR1 n7	50M	QPSK	135	68	DFT-15	Right Side	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	0.08	0.535	0.643
	FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	0.05	0.038	0.046
	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	-	n/a	n/a
	FR1 n38	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	0.03	0.250	0.293
	FR1 n38	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	-0.02	0.347	0.407
	FR1 n38	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	-0.12	0.101	0.118
55	FR1 n38	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	-0.17	0.980	1.149
	FR1 n38	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.13	0.245	0.295
	FR1 n38	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.04	0.315	0.380
	FR1 n38	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.17	0.089	0.107
	FR1 n38	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.07	0.906	1.092
	FR1 n38	40M	QPSK	100	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	519000	2595	1	18.80	19.70	1.230	-	-	-0.04	0.901	1.108
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	0.15	0.279	0.374
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	-0.01	0.345	0.462
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	0.05	0.862	1.155
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	0.06	0.025	0.033
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	-	n/a	n/a
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	-0.03	0.256	0.347
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	-0.08	0.317	0.430
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	0.06	0.792	1.073
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	0.06	0.023	0.031
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	-	n/a	n/a
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 0	DSI 4	518598	2592.99	1	19.23	20.70	1.403	-	-	0.03	0.757	1.062
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	0	0.304	0.397
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	0.18	0.496	0.648
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	0.05	0.130	0.170
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	-0.07	0.070	0.091
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	-0.11	0.748	0.977
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	-0.14	0.306	0.416
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	-0.05	0.512	0.695
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	0.03	0.148	0.201
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	0.01	0.078	0.106
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	0.08	0.759	1.031
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.24	21.70	1.400	-	-	0.02	0.465	0.651
	FR1 n41	100M	QPSK	270	0	DFT-30	Bottom Side	10mm	Ant 5	DSI 4	518598	2592.99	1	20.24	21.70	1.400	-	-	0.09	0.696	0.974
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	0.03	0.215	0.305



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	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	0.07	0.306	0.434
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	-0.09	0.098	0.139
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	-0.06	0.737	1.046
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	0.18	0.206	0.296
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	-0.09	0.293	0.422
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	-0.1	0.091	0.131
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	0.13	0.706	1.016
	FR1 n41	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	518598	2592.99	1	17.56	19.20	1.459	-	-	0.06	0.672	0.980
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	0.1	0.188	0.263
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	-0.06	0.207	0.290
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	0.02	0.801	1.121
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	0.05	0.039	0.055
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	-	n/a	n/a
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.13	0.193	0.274
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.12	0.211	0.299
56	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.01	0.839	1.191
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 7	DSI 4	518598	2592.99	2	22.18	23.70	1.419	-	-	0.09	0.755	1.071
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.03	0.041	0.058
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	-	n/a	n/a
	FR1 n41	100M	QPSK	270	0	DFT-30	Right Side	10mm	Ant 7	DSI 4	518598	2592.99	1	22.01	23.70	1.476	-	-	0.15	0.755	1.114
3000-4000MHz																					
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	-0.1	0.299	0.339
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	0.18	0.462	0.524
	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	0.16	0.837	0.949
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	0.11	0.214	0.243
	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 10	DSI 4	55340	3560	1	23.25	23.80	1.135	62.9	1.006	0.15	0.729	0.832
	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 10	DSI 4	56150	3641	1	23.18	23.80	1.153	62.9	1.006	0.07	0.931	1.080
	LTE Band 48C	20M	QPSK	1	0	-	Right Side	10mm	Ant 10	DSI 4	55340+ 55538	3560+ 3579.8	1	23.19	23.80	1.151	62.9	1.006	0.08	0.849	0.983
	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 10	DSI 4	56640	3690	1	23.23	23.80	1.140	62.9	1.006	0.08	0.834	0.957
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	0.18	0.270	0.307
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	-0.01	0.437	0.497
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	0.09	0.819	0.931
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	-0.17	0.192	0.218
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 10	DSI 4	55340	3560	1	23.23	23.80	1.140	62.9	1.006	0.07	0.701	0.804
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 10	DSI 4	56150	3641	1	23.20	23.80	1.148	62.9	1.006	-0.02	0.873	1.008
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 10	DSI 4	56640	3690	1	23.25	23.80	1.135	62.9	1.006	0.05	0.820	0.936
	LTE Band 48	20M	QPSK	100	0	-	Right Side	10mm	Ant 10	DSI 4	55830	3609	1	18.12	18.80	1.169	62.9	1.006	0.15	0.723	0.851
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	-0.12	0.311	0.331
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	0.1	0.357	0.380
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	0.15	0.284	0.303
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	-0.02	0.619	0.660
	LTE Band 48C	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI 4	55340+ 55538	3560+ 3579.8	1	22.91	23.30	1.094	62.9	1.006	-0.04	0.585	0.644
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	55340	3560	1	22.97	23.30	1.079	62.9	1.006	-0.02	0.604	0.656
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	56150	3641	1	22.98	23.30	1.076	62.9	1.006	-0.06	0.589	0.638
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 6	DSI 4	56640	3690	1	23.00	23.30	1.072	62.9	1.006	-0.02	0.498	0.537
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	0.06	0.287	0.311
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	-0.04	0.340	0.368
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	-0.09	0.261	0.283
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	-0.16	0.584	0.632
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	55340	3560	1	22.90	23.30	1.096	62.9	1.006	-0.16	0.585	0.645
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	56150	3641	1	22.97	23.30	1.079	62.9	1.006	0.08	0.553	0.600
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 6	DSI 4	56640	3690	1	22.95	23.30	1.084	62.9	1.006	0.15	0.469	0.511
	LTE Band 48	20M	QPSK	100	0	-	Top Side	10mm	Ant 6	DSI 4	55830	3609	1	18.15	18.30	1.035	62.9	1.006	0.07	0.526	0.548
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	0.07	0.388	0.418
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	-0.18	0.244	0.263



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	LTE Band 48	20M	QPSK	1	49	-	Right Side	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	0.09	0.216	0.233
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	0.19	0.460	0.496
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 11	DSI 4	55340	3560	1	23.98	24.30	1.076	62.9	1.006	-0.02	0.535	0.579
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 11	DSI 4	56150	3641	1	23.95	24.30	1.084	62.9	1.006	-0.08	0.522	0.569
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 11	DSI 4	56640	3690	1	23.94	24.30	1.086	62.9	1.006	-0.1	0.461	0.504
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	0.07	0.360	0.384
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	-0.11	0.224	0.239
	LTE Band 48	20M	QPSK	50	24	-	Right Side	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	0.02	0.206	0.220
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	-0.01	0.436	0.465
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 11	DSI 4	55340	3560	1	23.49	23.80	1.074	62.9	1.006	-0.08	0.525	0.567
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 11	DSI 4	56150	3641	1	23.53	23.80	1.064	62.9	1.006	0.05	0.487	0.521
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 11	DSI 4	56640	3690	1	23.45	23.80	1.084	62.9	1.006	-0.12	0.452	0.493
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	-0.11	0.443	0.472
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	-0.04	0.868	0.925
57	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	0.1	1.090	1.162
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	2	21.05	21.30	1.059	62.9	1.006	0.05	0.986	1.051
	LTE Band 48	20M	QPSK	1	49	-	Top Side	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	-0.18	0.210	0.224
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	55340	3560	1	20.90	21.30	1.096	62.9	1.006	0.18	0.846	0.933
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	56150	3641	1	21.00	21.30	1.072	62.9	1.006	-0.1	0.897	0.967
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	56640	3690	1	21.02	21.30	1.067	62.9	1.006	0.06	0.758	0.813
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	55340	3560	1	20.90	21.30	1.096	62.9	1.006	0.18	0.971	1.071
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	56150	3641	1	21.00	21.30	1.072	62.9	1.006	-0.16	0.933	1.006
	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	56640	3690	1	21.02	21.30	1.067	62.9	1.006	-0.12	0.867	0.930
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.19	0.405	0.435
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.02	0.789	0.847
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.01	0.911	0.977
	LTE Band 48	20M	QPSK	50	24	-	Top Side	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.1	0.192	0.206
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	55340	3560	1	20.87	21.30	1.104	62.9	1.006	-0.08	0.825	0.916
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	56150	3641	1	20.98	21.30	1.076	62.9	1.006	-0.01	0.867	0.939
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	56640	3690	1	21.00	21.30	1.072	62.9	1.006	-0.09	0.737	0.794
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 12	DSI 4	55340	3560	1	20.87	21.30	1.104	62.9	1.006	0.07	0.940	1.044
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 12	DSI 4	56150	3641	1	20.98	21.30	1.076	62.9	1.006	0.01	0.897	0.971
	LTE Band 48	20M	QPSK	50	24	-	Left Side	10mm	Ant 12	DSI 4	56640	3690	1	21.00	21.30	1.072	62.9	1.006	-0.01	0.829	0.894
	LTE Band 48	20M	QPSK	100	0	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	17.77	18.00	1.054	62.9	1.006	0.09	0.706	0.749
	LTE Band 48	20M	QPSK	100	0	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	1	17.77	18.00	1.054	62.9	1.006	-0.19	0.837	0.888
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	0.12	0.335	0.427
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	-0.01	0.472	0.601
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	0.01	0.786	1.001
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	0.09	0.239	0.304
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	638000	3570	1	21.01	22.20	1.315	-	-	0.09	0.357	0.470
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	645332	3679.98	1	21.10	22.20	1.288	-	-	0.17	0.389	0.501
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	638000	3570	1	21.01	22.20	1.315	-	-	-0.11	0.801	1.053
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	645332	3679.98	1	21.10	22.20	1.288	-	-	0.07	0.866	1.116
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	-0.03	0.341	0.441
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	-0.08	0.483	0.625
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Side	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	-0.17	0.826	1.069
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	0.18	0.246	0.318
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	638000	3570	1	20.96	22.20	1.330	-	-	0.18	0.406	0.540
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	645332	3679.98	1	21.03	22.20	1.309	-	-	0.07	0.427	0.559
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Side	10mm	Ant 10	DSI 4	638000	3570	1	20.96	22.20	1.330	-	-	-0.06	0.837	1.114
58	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Side	10mm	Ant 10	DSI 4	645332	3679.98	1	21.03	22.20	1.309	-	-	-0.01	0.884	1.157
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	20.96	22.20	1.330	-	-	0.03	0.450	0.599
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Right Side	10mm	Ant 10	DSI 4	641666	3624.99	1	20.96	22.20	1.330	-	-	-0.14	0.768	1.022
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	-0.13	0.498	0.627
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	0.19	0.689	0.867
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	-0.02	0.471	0.593



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FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	0.14	0.812	1.022
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	638000	3570	1	22.62	23.70	1.282	-	-	0.03	0.487	0.624
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	645332	3679.98	1	22.68	23.70	1.265	-	-	0.01	0.505	0.639
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	638000	3570	1	22.62	23.70	1.282	-	-	0.03	0.705	0.904
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	645332	3679.98	1	22.68	23.70	1.265	-	-	-0.18	0.723	0.914
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	638000	3570	1	22.62	23.70	1.282	-	-	-0.03	0.761	0.976
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	645332	3679.98	1	22.68	23.70	1.265	-	-	-0.07	0.849	1.074
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.02	0.488	0.626
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.19	0.648	0.831
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.08	0.453	0.581
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.11	0.796	1.021
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	638000	3570	1	22.57	23.70	1.297	-	-	0.05	0.471	0.611
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	645332	3679.98	1	22.54	23.70	1.306	-	-	0.08	0.430	0.562
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	638000	3570	1	22.57	23.70	1.297	-	-	-0.06	0.691	0.896
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	645332	3679.98	1	22.54	23.70	1.306	-	-	-0.01	0.697	0.910
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 6	DSI 4	638000	3570	1	22.57	23.70	1.297	-	-	0	0.746	0.968
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 6	DSI 4	645332	3679.98	1	22.54	23.70	1.306	-	-	0.05	0.818	1.068
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	20.65	21.70	1.274	-	-	0.08	0.392	0.499
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	20.65	21.70	1.274	-	-	0.06	0.533	0.679
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	641666	3624.99	1	20.65	21.70	1.274	-	-	-0.09	0.632	0.805
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	0.03	0.442	0.558
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	-0.11	0.265	0.334
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	-0.06	0.248	0.313
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	-0.13	0.521	0.657
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 11	DSI 4	638000	3570	1	21.60	22.70	1.288	-	-	-0.18	0.497	0.640
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 11	DSI 4	645332	3679.98	1	21.68	22.70	1.265	-	-	-0.02	0.467	0.591
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	-0.06	0.486	0.623
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	0.12	0.272	0.349
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Right Side	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	-0.12	0.255	0.327
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	0.12	0.530	0.680
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	638000	3570	1	21.45	22.70	1.334	-	-	0.11	0.449	0.599
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	645332	3679.98	1	21.56	22.70	1.300	-	-	-0.02	0.409	0.532
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 11	DSI 4	638000	3570	1	21.45	22.70	1.334	-	-	-0.1	0.509	0.679
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 11	DSI 4	645332	3679.98	1	21.56	22.70	1.300	-	-	-0.06	0.480	0.624
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.20	22.20	1.259	-	-	0.02	0.433	0.545
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Top Side	10mm	Ant 11	DSI 4	641666	3624.99	1	21.20	22.20	1.259	-	-	0.07	0.478	0.602
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	0.19	0.387	0.443
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	-0.14	0.499	0.572
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	0.09	0.887	1.016
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	-0.18	0.184	0.211
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 12	DSI 4	638000	3570	1	18.01	18.70	1.172	-	-	0.06	0.813	0.953
FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 12	DSI 4	645332	3679.98	1	18.08	18.70	1.153	-	-	0	0.882	1.017
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	0.07	0.405	0.470
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	0	0.526	0.611
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	-0.06	0.927	1.077
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Top Side	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	-0.16	0.193	0.224
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	638000	3570	1	17.99	18.70	1.178	-	-	0.06	0.450	0.530
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	645332	3679.98	1	18.05	18.70	1.161	-	-	-0.02	0.482	0.560
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 12	DSI 4	638000	3570	1	17.99	18.70	1.178	-	-	0.07	0.847	0.997
FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Left Side	10mm	Ant 12	DSI 4	645332	3679.98	1	18.05	18.70	1.161	-	-	-0.14	0.911	1.058
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.04	18.70	1.164	-	-	0.09	0.475	0.553
FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Left Side	10mm	Ant 12	DSI 4	641666	3624.99	1	18.04	18.70	1.164	-	-	0.17	0.858	0.999



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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)
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	0.04	0.115	0.142
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	0.19	0.175	0.217
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	-0.11	0.397	0.492
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	-0.16	0.069	0.085
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	-0.17	0.130	0.164
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	0.04	0.182	0.230
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	-0.06	0.435	0.549
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	0.01	0.097	0.122
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	0	0.157	0.216
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	-0.16	0.203	0.280
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	0.13	0.347	0.478
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	-0.07	0.106	0.146
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	0.16	0.107	0.152
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	0.19	0.132	0.188
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	-0.09	0.308	0.438
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	-0.08	0.083	0.118
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Side	10mm	Ant 10	DSI 4	656000	3840	1	18.07	19.70	1.455	-	-	0.05	0.315	0.458
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.02	0.216	0.271
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.13	0.270	0.339
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.08	0.206	0.259
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.03	0.519	0.652
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	0.03	0.253	0.324
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	-0.02	0.276	0.354
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	-0.06	0.213	0.273
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	0.03	0.557	0.714
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	-0.05	0.289	0.360
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	-0.07	0.432	0.538
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	0.16	0.271	0.337
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	0.01	0.499	0.621
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	0.14	0.268	0.339
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	-0.11	0.384	0.486
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	-0.1	0.268	0.339
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	0.19	0.442	0.559
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.59	20.70	1.291	-	-	-0.07	0.357	0.461
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	656000	3840	1	19.59	20.70	1.291	-	-	-0.15	0.424	0.547
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	0.15	0.779	0.972
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	-0.04	0.403	0.503
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	-0.04	0.255	0.318
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	-0.19	0.846	1.055
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	-0.14	0.733	0.929
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	0.16	0.342	0.434
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	-0.15	0.242	0.307
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	-0.08	0.827	1.048
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.02	23.20	1.312	-	-	-0.12	0.685	0.899
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 11	DSI 4	633332	3499.98	1	22.02	23.20	1.312	-	-	-0.17	0.781	1.025
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	-0.1	0.707	0.886
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	-0.1	0.505	0.633
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	0.16	0.421	0.528
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	0.11	0.809	1.014
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	0.15	0.722	0.934
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	-0.08	0.516	0.668
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	0.11	0.437	0.566
59	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	-0.1	0.867	1.122
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	0.07	0.687	0.908



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	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	0.06	0.486	0.642
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Right Side	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	-0.09	0.409	0.540
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	0.11	0.788	1.041
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	-0.13	0.390	0.497
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	-0.14	0.426	0.543
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	0.15	0.781	0.995
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	0.14	0.145	0.185
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.09	0.406	0.532
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.07	0.443	0.580
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.12	0.799	1.046
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.11	0.163	0.213
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 12	DSI 4	633332	3499.98	1	17.91	19.20	1.346	-	-	0.08	0.754	1.015
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	-0.03	0.373	0.479
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	0.09	0.458	0.589
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	-0.18	0.812	1.044
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	0.18	0.200	0.257
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	-0.05	0.346	0.450
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	-0.11	0.427	0.555
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	0.08	0.786	1.022
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	-0.18	0.189	0.246
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	17.95	19.20	1.334	-	-	0.09	0.338	0.451
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	17.95	19.20	1.334	-	-	0.07	0.416	0.555
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Left Side	10mm	Ant 12	DSI 4	656000	3840	1	17.95	19.20	1.334	-	-	0.17	0.755	1.007
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	-0.18	0.148	0.185
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	0.14	0.211	0.264
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	-0.11	0.571	0.716
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	-0.08	0.089	0.112
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	0.11	0.145	0.184
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	-0.13	0.206	0.262
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	-0.05	0.556	0.706
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	-0.03	0.108	0.137
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	0.18	0.213	0.289
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	-0.08	0.275	0.373
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	-0.02	0.621	0.842
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	0.12	0.157	0.213
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	-0.15	0.150	0.210
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	0.05	0.241	0.337
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	0.12	0.562	0.787
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	-0.06	0.125	0.175
	FR1 n78 Part27O	100M	QPSK	270	0	DFT-30	Right Side	10mm	Ant 10	DSI 4	650000	3750	1	19.18	20.70	1.419	-	-	-0.19	0.571	0.810
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	-0.03	0.410	0.531
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	0.1	0.518	0.670
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	0.13	0.318	0.412
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	0.16	0.716	0.927
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	-0.19	0.428	0.562
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	0.02	0.537	0.705
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	-0.18	0.381	0.500
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	-0.02	0.738	0.968
	FR1 n78 Part27O	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	1	20.88	22.20	1.355	-	-	0.02	0.705	0.955
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	-0.11	0.620	0.745
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	-0.18	0.708	0.851
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	0.07	0.411	0.494
60	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	-0.03	0.845	1.016
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	-0.17	0.592	0.725
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	0.1	0.662	0.811
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	-0.11	0.383	0.469



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FR1 n78 Part270	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	-0.16	0.801	0.981
FR1 n78 Part270	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.23	22.20	1.250	-	-	-0.06	0.611	0.764
FR1 n78 Part270	100M	QPSK	270	0	DFT-30	Top Side	10mm	Ant 6	DSI 4	650000	3750	1	21.23	22.20	1.250	-	-	-0.17	0.782	0.978

Plot No.	Band	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)
WLAN/BT																	
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	-0.03	0.109	0.196
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	-0.07	0.157	0.283
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	0.09	0.046	0.083
	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	-0.18	0.349	0.628
	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 13	DSI 4	0	2402	1	18.60	20.00	1.380	76.71	1.304	0.01	0.355	0.639
61	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 13	DSI 4	78	2480	1	18.30	20.00	1.479	76.71	1.304	-0.19	0.407	0.785
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	0.11	0.095	0.156
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	-0.1	0.142	0.233
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	-0.16	0.349	0.573
	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	0.05	0.008	0.013
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 10	DSI 4	0	2402	1	17.50	18.50	1.259	76.71	1.304	-0.03	0.287	0.471
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 10	DSI 4	78	2480	1	17.50	18.50	1.259	76.71	1.304	0.18	0.276	0.453
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	0.07	0.033	0.060
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.08	0.034	0.061
	Bluetooth	DH5 1Mbps	Left Side	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.08	0.072	0.130
	Bluetooth	DH5 1Mbps	Bottom Side	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	0.09	0.011	0.020
	Bluetooth	DH5 1Mbps	Left Side	10mm	Ant 1	DSI 4	39	2441	1	12.70	14.00	1.349	76.59	1.306	-0.07	0.106	0.187
	Bluetooth	DH5 1Mbps	Left Side	10mm	Ant 1	DSI 4	78	2480	1	12.30	14.00	1.479	76.59	1.306	0.05	0.110	0.212
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	-0.19	0.261	0.364
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	-0.18	0.462	0.644
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	-0.05	0.081	0.113
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	0.15	0.776	1.081
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 13	DSI 4	6	2437	1	19.55	21.00	1.396	100	1.000	0.09	0.729	1.018
62	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 13	DSI 4	11	2462	1	19.32	21.00	1.472	100	1.000	0.07	0.757	1.115
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	0.08	0.200	0.259
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	-0.01	0.269	0.349
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	-0.07	0.562	0.729
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	0.07	0.012	0.016
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 10	DSI 4	6	2437	1	18.24	19.50	1.337	100	1.000	-0.03	0.587	0.785
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 10	DSI 4	11	2462	1	18.19	19.50	1.352	100	1.000	-0.18	0.656	0.887
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	0.11	0.214	0.285
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	-0.17	0.250	0.333
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	-0.18	0.496	0.660
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	0.04	0.314	0.418
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 13+10(13)	DSI 4	6	2437	1	16.98	18.50	1.419	100	1.000	-0.19	0.527	0.748
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 13+10(13)	DSI 4	11	2462	1	16.73	18.50	1.503	100	1.000	-0.16	0.598	0.899
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14	DSI 4	42	5210	1	15.29	17.00	1.483	100	1.000	-0.05	0.195	0.289
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14	DSI 4	42	5210	1	15.29	17.00	1.483	100	1.000	0.09	0.226	0.335
63	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 14	DSI 4	42	5210	1	15.29	17.00	1.483	100	1.000	-0.06	0.272	0.403
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 14	DSI 4	42	5210	1	15.29	17.00	1.483	100	1.000	0.09	0.208	0.308
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 15	DSI 4	42	5210	1	12.86	14.00	1.300	100	1.000	-0.18	0.086	0.112
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 15	DSI 4	42	5210	1	12.86	14.00	1.300	100	1.000	0.03	0.103	0.134
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 15	DSI 4	42	5210	1	12.86	14.00	1.300	100	1.000	-0.01	0.096	0.125
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 15	DSI 4	42	5210	1	12.86	14.00	1.300	100	1.000	-0.11	0.081	0.105
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14+15(14)	DSI 4	42	5210	1	8.21	10.00	1.510	100	1.000	-0.05	0.072	0.109
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14+15(14)	DSI 4	42	5210	1	8.21	10.00	1.510	100	1.000	0.08	0.076	0.115
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 14+15(14)	DSI 4	42	5210	1	8.21	10.00	1.510	100	1.000	-0.11	0.076	0.115



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	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 14+15(14)	DSI 4	42	5210	1	8.21	10.00	1.510	100	1.000	0.06	0.088	0.132
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 14+15(14)	DSI 4	42	5210	1	8.21	10.00	1.510	100	1.000	0.02	0.070	0.106
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	0.12	0.176	0.269
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	0.05	0.215	0.328
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	0.08	0.339	0.518
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	-0.06	0.207	0.316
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	-0.1	0.092	0.132
64	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	0.19	0.423	0.607
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 15	DSI 4	155	5775	2	12.43	14.00	1.435	100	1.000	0.07	0.356	0.511
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	0.04	0.198	0.284
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	0.09	0.097	0.139
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	-0.14	0.101	0.148
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	0.03	0.149	0.219
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	0.08	0.119	0.175
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	0.05	0.126	0.185
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	-0.02	0.102	0.150



15.3 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)
750 MHz																					
65	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	0.06	0.204	0.245
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	133297	680.5	1	23.20	24.00	1.202	-	-	0.19	0.284	0.341
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	0.16	0.165	0.200
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	133297	680.5	1	22.16	23.00	1.213	-	-	-0.11	0.231	0.280
	LTE Band 71	20M	QPSK	1	49	-	Front	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.04	0.140	0.173
	LTE Band 71	20M	QPSK	1	49	-	Back	10mm	Ant 1	DSI 4	133297	680.5	1	23.88	24.80	1.236	-	-	0.18	0.185	0.229
	LTE Band 71	20M	QPSK	50	24	-	Front	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.09	0.115	0.146
	LTE Band 71	20M	QPSK	50	24	-	Back	10mm	Ant 1	DSI 4	133297	680.5	1	22.77	23.80	1.268	-	-	0.12	0.151	0.191
66	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	0.08	0.443	0.591
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	23.55	24.80	1.334	-	-	-0.06	0.636	0.848
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	23095	707.5	2	23.55	24.80	1.334	-	-	0.09	0.571	0.761
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	0.13	0.355	0.460
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	22.67	23.80	1.297	-	-	-0.16	0.525	0.681
	LTE Band 12	10M	QPSK	50	0	-	Back	10mm	Ant 0	DSI 4	23095	707.5	1	22.57	23.80	1.327	-	-	-0.18	0.526	0.698
	LTE Band 12	10M	QPSK	1	25	-	Front	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	0.07	0.131	0.171
	LTE Band 12	10M	QPSK	1	25	-	Back	10mm	Ant 1	DSI 4	23095	707.5	1	23.85	25.00	1.303	-	-	-0.01	0.165	0.215
	LTE Band 12	10M	QPSK	25	12	-	Front	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	0.08	0.104	0.136
	LTE Band 12	10M	QPSK	25	12	-	Back	10mm	Ant 1	DSI 4	23095	707.5	1	22.85	24.00	1.303	-	-	0.04	0.141	0.184
	LTE Band 13	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	0.16	0.452	0.576
	LTE Band 13	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	23230	782	1	23.25	24.30	1.274	-	-	-0.1	0.662	0.843
67	LTE Band 13	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	-0.09	0.358	0.451
	LTE Band 13	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	23230	782	1	22.30	23.30	1.259	-	-	0.07	0.537	0.676
	LTE Band 13	10M	QPSK	50	0	-	Back	10mm	Ant 0	DSI 4	23230	782	1	22.14	23.30	1.306	-	-	0.04	0.541	0.707
	LTE Band 13	10M	QPSK	1	25	-	Front	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	0.01	0.114	0.156
	LTE Band 13	10M	QPSK	1	25	-	Back	10mm	Ant 1	DSI 4	23230	782	1	23.45	24.80	1.365	-	-	-0.09	0.144	0.196
	LTE Band 13	10M	QPSK	25	12	-	Front	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	-0.17	0.092	0.122
	LTE Band 13	10M	QPSK	25	12	-	Back	10mm	Ant 1	DSI 4	23230	782	1	22.58	23.80	1.324	-	-	-0.09	0.115	0.152
	FR1 n71	35M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	0.11	0.184	0.261
	FR1 n71	35M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	136100	680.5	1	22.89	24.40	1.416	-	-	-0.19	0.231	0.327
	FR1 n71	35M	QPSK	90	45	DFT-15	Front	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.19	0.204	0.290
	FR1 n71	35M	QPSK	90	45	DFT-15	Back	10mm	Ant 0	DSI 4	136100	680.5	1	22.87	24.40	1.422	-	-	0.02	0.250	0.356
	FR1 n71	35M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	0.19	0.164	0.239
68	FR1 n71	35M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	136100	680.5	1	23.57	25.20	1.455	-	-	-0.15	0.202	0.294
	FR1 n71	35M	QPSK	90	45	DFT-15	Front	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	-0.02	0.154	0.233
	FR1 n71	35M	QPSK	90	45	DFT-15	Back	10mm	Ant 1	DSI 4	136100	680.5	1	23.41	25.20	1.510	-	-	0.03	0.200	0.302
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	0.02	0.351	0.516
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	141500	707.5	1	23.53	25.20	1.469	-	-	0.17	0.422	0.620
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.03	0.422	0.637
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 0	DSI 4	141500	707.5	1	23.41	25.20	1.510	-	-	0.1	0.472	0.713
	FR1 n12	15M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	-0.04	0.129	0.191
	FR1 n12	15M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	141500	707.5	1	23.70	25.40	1.479	-	-	0.07	0.146	0.216
	FR1 n12	15M	QPSK	36	22	DFT-15	Front	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.17	0.121	0.181
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.09	0.141	0.211
	FR1 n12	15M	QPSK	36	22	DFT-15	Back	10mm	Ant 1	DSI 4	141500	707.5	1	23.65	25.40	1.496	-	-	0.09	0.141	0.211
835 MHz																					
70	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	0.15	0.166	0.227
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	128	824.2	1	27.15	28.50	1.365	-	-	0.17	0.217	0.296
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	189	836.4	1	26.68	28.50	1.521	-	-	0.12	0.182	0.277
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	251	848.8	1	26.70	28.50	1.514	-	-	-0.17	0.208	0.315
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.07	0.549	0.674
71	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	4182	836.4	1	22.41	23.30	1.227	-	-	0.18	0.620	0.761



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	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	4132	826.4	1	22.40	23.30	1.230	-	-	0	0.601	0.739
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	4233	846.6	1	22.34	23.30	1.247	-	-	0.04	0.586	0.731
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	-0.08	0.141	0.162
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4182	836.4	1	24.20	24.80	1.148	-	-	-0.07	0.251	0.288
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4132	826.4	1	24.17	24.80	1.156	-	-	0.03	0.218	0.252
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	4233	846.6	1	24.13	24.80	1.167	-	-	0.12	0.286	0.334
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.03	0.375	0.470
72	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	DSI 4	26865	831.5	1	23.82	24.80	1.253	-	-	0.1	0.471	0.590
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	DSI 4	26765	821.5	1	23.88	24.80	1.236	-	-	0.08	0.433	0.535
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 0	DSI 4	26965	841.5	1	23.75	24.80	1.274	-	-	-0.18	0.350	0.446
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	0	0.298	0.372
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	DSI 4	26865	831.5	1	22.84	23.80	1.247	-	-	0.14	0.367	0.458
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	DSI 4	26765	821.5	1	22.89	23.80	1.233	-	-	-0.05	0.326	0.402
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 0	DSI 4	26965	841.5	1	22.75	23.80	1.274	-	-	0.03	0.281	0.358
	LTE Band 26	15M	QPSK	1	37	-	Front	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.1	0.165	0.218
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26865	831.5	1	23.80	25.00	1.318	-	-	0.03	0.221	0.291
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26765	821.5	1	23.92	25.00	1.282	-	-	-0.02	0.179	0.230
	LTE Band 26	15M	QPSK	1	37	-	Back	10mm	Ant 1	DSI 4	26965	841.5	1	23.79	25.00	1.321	-	-	0.19	0.249	0.329
	LTE Band 26	15M	QPSK	36	20	-	Front	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	-0.01	0.132	0.173
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26865	831.5	1	22.82	24.00	1.312	-	-	-0.05	0.183	0.240
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26765	821.5	1	22.88	24.00	1.294	-	-	-0.1	0.146	0.189
	LTE Band 26	15M	QPSK	36	20	-	Back	10mm	Ant 1	DSI 4	26965	841.5	1	22.80	24.00	1.318	-	-	-0.12	0.193	0.254
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-0.18	0.496	0.663
73	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	1	22.44	23.70	1.337	-	-	-0.11	0.515	0.688
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	0.03	0.472	0.637
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	1	22.40	23.70	1.349	-	-	-0.18	0.506	0.683
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.18	0.164	0.230
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	1	23.44	24.90	1.400	-	-	0.06	0.253	0.354
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	-0.03	0.172	0.246
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	1	23.35	24.90	1.429	-	-	-0.07	0.264	0.377
1750 MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	-0.06	0.206	0.234
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	1413	1732.6	1	21.75	22.30	1.135	-	-	-0.13	0.397	0.451
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	1312	1712.4	1	21.69	22.30	1.151	-	-	0.18	0.406	0.467
74	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	1513	1752.6	1	21.70	22.30	1.148	-	-	0.18	0.454	0.521
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	0.1	0.338	0.395
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	1413	1732.6	1	22.82	23.50	1.169	-	-	-0.01	0.404	0.472
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	1312	1712.4	1	22.77	23.50	1.183	-	-	0.09	0.394	0.466
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	1513	1752.6	1	22.73	23.50	1.194	-	-	-0.18	0.414	0.494
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-0.13	0.303	0.334
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	132322	1745	1	22.38	22.80	1.102	-	-	-0.18	0.379	0.417
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	132072	1720	1	22.25	22.80	1.135	-	-	-0.15	0.345	0.392
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	132572	1770	1	22.30	22.80	1.122	-	-	0.04	0.402	0.451
	LTE Band 66C	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI 4	132322+132520	1745+1764.8	1	21.48	22.80	1.355	-	-	0.01	0.276	0.374
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	0.15	0.287	0.322
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	132322	1745	1	22.30	22.80	1.122	-	-	-0.16	0.361	0.405
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	132072	1720	1	22.17	22.80	1.156	-	-	0.12	0.337	0.390
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	132572	1770	1	22.29	22.80	1.125	-	-	-0.01	0.389	0.437
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	-0.05	0.347	0.408
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	132322	1745	1	22.80	23.50	1.175	-	-	0.15	0.442	0.519
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	132072	1720	1	22.75	23.50	1.189	-	-	0.08	0.437	0.519
75	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	132572	1770	1	22.73	23.50	1.194	-	-	0.04	0.488	0.583
	LTE Band 66C	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI 4	132322+132520	1745+1764.8	1	22.37	23.50	1.297	-	-	0.02	0.451	0.585
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	0.09	0.318	0.376
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	132322	1745	1	22.77	23.50	1.183	-	-	-0.17	0.429	0.508



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	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	132072	1720	1	22.73	23.50	1.194	-	-	0.09	0.421	0.503
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	132572	1770	1	22.70	23.50	1.202	-	-	-0.02	0.459	0.552
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	0.17	0.138	0.151
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	132322	1745	1	19.92	20.30	1.091	-	-	-0.06	0.200	0.218
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	132072	1720	1	19.84	20.30	1.112	-	-	0.08	0.199	0.221
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	132572	1770	1	19.88	20.30	1.102	-	-	-0.1	0.206	0.227
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	0.15	0.140	0.154
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	132322	1745	1	19.90	20.30	1.096	-	-	0.06	0.201	0.220
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	132072	1720	1	19.80	20.30	1.122	-	-	0.03	0.205	0.230
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	132572	1770	1	19.87	20.30	1.104	-	-	0.09	0.229	0.253
	LTE Band 66	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	0.06	0.302	0.345
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	132322	1745	1	22.42	23.00	1.143	-	-	-0.14	0.503	0.575
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	132072	1720	1	22.35	23.00	1.161	-	-	0.18	0.478	0.555
	LTE Band 66	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	132572	1770	1	22.38	23.00	1.153	-	-	0.13	0.442	0.510
	LTE Band 66	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	0.09	0.296	0.340
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	132322	1745	1	22.40	23.00	1.148	-	-	-0.05	0.463	0.532
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	132072	1720	1	22.28	23.00	1.180	-	-	-0.01	0.451	0.532
	LTE Band 66	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	132572	1770	1	22.35	23.00	1.161	-	-	-0.03	0.436	0.506
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	-0.14	0.186	0.233
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	349000	1745	1	22.22	23.20	1.253	-	-	0.07	0.426	0.534
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	0.19	0.202	0.255
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 0	DSI 4	349000	1745	1	22.18	23.20	1.265	-	-	-0.06	0.489	0.618
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	-0.11	0.298	0.402
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	349000	1745	1	21.60	22.90	1.349	-	-	-0.09	0.429	0.579
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	0.14	0.299	0.407
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 5	DSI 4	349000	1745	1	21.56	22.90	1.361	-	-	-0.12	0.437	0.595
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	0.06	0.180	0.239
	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	349000	1745	1	19.47	20.70	1.327	-	-	-0.06	0.221	0.293
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	0.06	0.162	0.217
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 6	DSI 4	349000	1745	1	19.44	20.70	1.337	-	-	-0.13	0.199	0.266
	FR1 n66	45M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	-0.09	0.303	0.386
76	FR1 n66	45M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	349000	1745	1	22.35	23.40	1.274	-	-	0.07	0.523	0.666
	FR1 n66	45M	QPSK	120	60	DFT-15	Front	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	0	0.298	0.380
	FR1 n66	45M	QPSK	120	60	DFT-15	Back	10mm	Ant 7	DSI 4	349000	1745	1	22.34	23.40	1.276	-	-	0.17	0.501	0.639
1900 MHz																					
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	-0.03	0.294	0.366
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 5	DSI 4	810	1909.8	1	24.55	25.50	1.245	-	-	0.11	0.306	0.381
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 5	DSI 4	512	1850.2	1	24.20	25.50	1.349	-	-	0.07	0.306	0.413
77	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 5	DSI 4	661	1880	1	24.30	25.50	1.318	-	-	0.04	0.319	0.421
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	-0.04	0.230	0.319
78	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	9400	1880	1	19.88	21.30	1.387	-	-	0.02	0.380	0.527
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	9262	1852.4	1	19.80	21.30	1.413	-	-	-0.12	0.356	0.503
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSI 4	9538	1907.6	1	19.82	21.30	1.406	-	-	0.11	0.361	0.508
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	0.13	0.287	0.335
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	9400	1880	1	21.33	22.00	1.167	-	-	0.13	0.325	0.379
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	9262	1852.4	1	21.22	22.00	1.197	-	-	0.17	0.328	0.393
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI 4	9538	1907.6	1	21.25	22.00	1.189	-	-	0.11	0.311	0.370
	LTE Band 2	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	0.11	0.297	0.347
	LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	18900	1880	1	20.63	21.30	1.167	-	-	-0.04	0.396	0.462
	LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	18700	1860	1	20.50	21.30	1.202	-	-	0.19	0.415	0.499
79	LTE Band 2	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	19100	1900	1	20.54	21.30	1.191	-	-	0.02	0.458	0.546
	LTE Band 2	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	0.09	0.276	0.324
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	18900	1880	1	20.61	21.30	1.172	-	-	0.05	0.361	0.423
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	18700	1860	1	20.49	21.30	1.205	-	-	0.14	0.389	0.469
	LTE Band 2	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	19100	1900	1	20.50	21.30	1.202	-	-	-0.14	0.416	0.500
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	0.17	0.246	0.296



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	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	26340	1880	1	20.00	20.80	1.202	-	-	0.03	0.320	0.385
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	26140	1860	1	19.93	20.80	1.222	-	-	0.08	0.336	0.411
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	26590	1905	1	19.90	20.80	1.230	-	-	-0.11	0.315	0.388
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	-0.06	0.239	0.289
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	26340	1880	1	19.98	20.80	1.208	-	-	-0.07	0.318	0.384
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	26140	1860	1	19.90	20.80	1.230	-	-	-0.03	0.322	0.396
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	26590	1905	1	19.87	20.80	1.239	-	-	-0.11	0.314	0.389
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	-0.03	0.249	0.289
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	26340	1880	1	21.36	22.00	1.159	-	-	0.09	0.261	0.302
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	26140	1860	1	21.31	22.00	1.172	-	-	-0.14	0.276	0.324
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	26590	1905	1	21.25	22.00	1.189	-	-	-0.18	0.268	0.319
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.02	0.258	0.302
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	26340	1880	1	21.32	22.00	1.169	-	-	-0.13	0.268	0.313
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	26140	1860	1	21.29	22.00	1.178	-	-	-0.17	0.285	0.336
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	26590	1905	1	21.22	22.00	1.197	-	-	0.17	0.273	0.327
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	-0.1	0.339	0.370
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	26340	1880	1	22.62	23.00	1.091	-	-	0.05	0.494	0.539
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	26140	1860	1	22.58	23.00	1.102	-	-	-0.08	0.442	0.487
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	26590	1905	1	22.55	23.00	1.109	-	-	-0.1	0.429	0.476
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0.11	0.310	0.339
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	26340	1880	1	22.61	23.00	1.094	-	-	0.06	0.461	0.504
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	26140	1860	1	22.55	23.00	1.109	-	-	0.01	0.437	0.485
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	26590	1905	1	22.53	23.00	1.114	-	-	0.01	0.415	0.462
	LTE Band 25	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	0.08	0.404	0.440
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	26340	1880	1	23.43	23.80	1.089	-	-	-0.06	0.656	0.714
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	26140	1860	1	23.33	23.80	1.114	-	-	-0.14	0.661	0.737
80	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	26590	1905	1	23.38	23.80	1.102	-	-	0.07	0.710	0.782
	LTE Band 25	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	26590	1905	2	23.38	23.80	1.102	-	-	0.06	0.709	0.781
	LTE Band 25	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	-0.01	0.371	0.408
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	26340	1880	1	23.39	23.80	1.099	-	-	0.15	0.551	0.606
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	26140	1860	1	23.35	23.80	1.109	-	-	-0.01	0.635	0.704
	LTE Band 25	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	26590	1905	1	23.30	23.80	1.122	-	-	0.19	0.673	0.755
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	0.18	0.221	0.334
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	376500	1882.5	1	19.41	21.20	1.510	-	-	-0.18	0.309	0.467
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-0.19	0.226	0.343
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 0	DSI 4	376500	1882.5	1	19.39	21.20	1.517	-	-	-0.01	0.349	0.529
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	-0.04	0.326	0.448
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	376500	1882.5	1	22.02	23.40	1.374	-	-	0	0.363	0.499
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	-0.17	0.305	0.422
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 5	DSI 4	376500	1882.5	1	21.99	23.40	1.384	-	-	0.14	0.341	0.472
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	0.11	0.342	0.416
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	376500	1882.5	1	22.05	22.90	1.216	-	-	0.01	0.487	0.592
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	0.05	0.326	0.401
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 6	DSI 4	376500	1882.5	1	22.00	22.90	1.230	-	-	-0.02	0.462	0.568
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	0.09	0.270	0.375
81	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	376500	1882.5	1	21.77	23.20	1.390	-	-	-0.08	0.463	0.644
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	0.18	0.260	0.363
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 7	DSI 4	376500	1882.5	1	21.75	23.20	1.396	-	-	0.16	0.441	0.616
2300 MHz																					
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.11	0.228	0.243
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 0	DSI 4	27710	2310	1	21.02	21.30	1.067	-	-	0.05	0.375	0.400
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	0.13	0.241	0.263
82	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 0	DSI 4	27710	2310	1	20.92	21.30	1.091	-	-	-0.18	0.398	0.434
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	0.03	0.294	0.326
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 5	DSI 4	27710	2310	1	22.35	22.80	1.109	-	-	0.04	0.331	0.367
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	-0.07	0.301	0.336



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	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 5	DSI 4	27710	2310	1	22.32	22.80	1.117	-	-	0.15	0.345	0.385
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.03	0.182	0.243
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 6	DSI 4	27710	2310	1	19.55	20.80	1.334	-	-	0.16	0.219	0.292
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	-0.12	0.174	0.233
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 6	DSI 4	27710	2310	1	19.53	20.80	1.340	-	-	-0.13	0.188	0.252
	LTE Band 30	10M	QPSK	1	25	-	Front	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	0.05	0.179	0.230
	LTE Band 30	10M	QPSK	1	25	-	Back	10mm	Ant 7	DSI 4	27710	2310	1	21.22	22.30	1.282	-	-	-0.17	0.227	0.291
	LTE Band 30	10M	QPSK	25	12	-	Front	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	0.13	0.176	0.227
	LTE Band 30	10M	QPSK	25	12	-	Back	10mm	Ant 7	DSI 4	27710	2310	1	21.20	22.30	1.288	-	-	-0.03	0.215	0.277
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	0.14	0.259	0.351
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	462000	2310	1	20.88	22.20	1.355	-	-	0.08	0.421	0.571
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	0.15	0.260	0.357
83	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 0	DSI 4	462000	2310	1	20.82	22.20	1.374	-	-	0.14	0.440	0.605
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	-0.09	0.261	0.397
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	462000	2310	1	20.38	22.20	1.521	-	-	-0.14	0.307	0.467
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	0.19	0.240	0.367
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	10mm	Ant 5	DSI 4	462000	2310	1	20.36	22.20	1.528	-	-	-0.11	0.289	0.441
2600 MHz																					
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	-0.03	0.292	0.319
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	21100	2535	1	21.42	21.80	1.091	-	-	-0.1	0.520	0.568
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	20850	2510	1	21.33	21.80	1.114	-	-	0.15	0.477	0.532
84	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	21350	2560	1	21.38	21.80	1.102	-	-	-0.12	0.523	0.576
	LTE Band 7C	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI 4	21350+21152	2560+2540.2	1	21.24	21.80	1.138	-	-	0.05	0.448	0.510
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	-0.01	0.263	0.288
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	21100	2535	1	21.40	21.80	1.096	-	-	0.03	0.452	0.496
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	20850	2510	1	21.29	21.80	1.125	-	-	-0.16	0.412	0.463
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	21350	2560	1	21.36	21.80	1.107	-	-	-0.07	0.489	0.541
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	0.04	0.262	0.279
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	21100	2535	1	22.52	22.80	1.067	-	-	-0.07	0.442	0.471
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	20850	2510	1	22.45	22.80	1.084	-	-	-0.03	0.437	0.474
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	21350	2560	1	22.48	22.80	1.076	-	-	0.04	0.534	0.575
	LTE Band 7C	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI 4	21350+21152	2560+2540.2	1	22.20	22.80	1.148	-	-	0.09	0.468	0.537
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	0	0.211	0.227
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	21100	2535	1	22.49	22.80	1.074	-	-	-0.09	0.416	0.447
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	20850	2510	1	22.43	22.80	1.089	-	-	0.11	0.406	0.442
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	21350	2560	1	22.44	22.80	1.086	-	-	-0.02	0.498	0.541
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	-0.11	0.216	0.227
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	21100	2535	1	19.08	19.30	1.052	-	-	-0.05	0.306	0.322
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	20850	2510	1	19.03	19.30	1.064	-	-	0.19	0.251	0.267
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	21350	2560	1	19.00	19.30	1.072	-	-	0.09	0.321	0.344
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	-0.01	0.213	0.226
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	21100	2535	1	19.05	19.30	1.059	-	-	-0.19	0.283	0.300
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	20850	2510	1	19.01	19.30	1.069	-	-	-0.19	0.232	0.248
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	21350	2560	1	18.96	19.30	1.081	-	-	0.1	0.306	0.331
	LTE Band 7	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-0.06	0.152	0.159
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	21100	2535	1	22.10	22.30	1.047	-	-	-0.14	0.178	0.186
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	20850	2510	1	22.00	22.30	1.072	-	-	0.04	0.192	0.206
	LTE Band 7	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	21350	2560	1	22.02	22.30	1.067	-	-	-0.17	0.191	0.204
	LTE Band 7	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	0.11	0.143	0.152
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	21100	2535	1	22.03	22.30	1.064	-	-	-0.01	0.172	0.183
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	20850	2510	1	21.98	22.30	1.076	-	-	0.04	0.183	0.197
	LTE Band 7	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	21350	2560	1	21.97	22.30	1.079	-	-	-0.07	0.185	0.200
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	0.09	0.209	0.217
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	40185	2549.5	1	22.17	22.30	1.030	62.9	1.006	-0.18	0.303	0.314
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	39750	2506	1	22.12	22.30	1.042	62.9	1.006	-0.1	0.274	0.287



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	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	40620	2593	1	22.12	22.30	1.042	62.9	1.006	0.19	0.365	0.383
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	41055	2636.5	1	22.10	22.30	1.047	62.9	1.006	-0.03	0.468	0.493
	LTE Band 41C PC3	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI 4	40620+40818	2593+2612.8	1	21.71	22.30	1.146	62.9	1.006	0.06	0.426	0.491
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	41490	2680	1	22.15	22.30	1.035	62.9	1.006	0.12	0.353	0.368
	LTE Band 41 PC2	20M	QPSK	1	49	-	Back	10mm	Ant 0	DSI 4	41055	2636.5	1	23.10	23.90	1.202	42.9	1.009	0.07	0.391	0.474
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	-0.08	0.189	0.197
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	40185	2549.5	1	22.14	22.30	1.038	62.9	1.006	0.14	0.271	0.283
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	39750	2506	1	22.10	22.30	1.047	62.9	1.006	-0.09	0.261	0.275
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	40620	2593	1	22.07	22.30	1.054	62.9	1.006	0.11	0.355	0.377
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	41055	2636.5	1	22.09	22.30	1.050	62.9	1.006	-0.02	0.346	0.365
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 0	DSI 4	41490	2680	1	22.13	22.30	1.040	62.9	1.006	-0.01	0.337	0.353
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	-0.03	0.268	0.288
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.52	23.80	1.067	62.9	1.006	0.19	0.568	0.609
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	39750	2506	1	23.47	23.80	1.079	62.9	1.006	-0.06	0.451	0.490
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	40620	2593	1	23.45	23.80	1.084	62.9	1.006	0.08	0.523	0.570
85	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	41055	2636.5	1	23.40	23.80	1.096	62.9	1.006	-0.19	0.599	0.661
	LTE Band 41C PC3	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI 4	40620+40818	2593+2612.8	1	23.41	23.80	1.094	62.9	1.006	0.09	0.503	0.554
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	41490	2680	1	23.50	23.80	1.072	62.9	1.006	0.01	0.417	0.450
	LTE Band 41 PC2	20M	QPSK	1	49	-	Back	10mm	Ant 5	DSI 4	41055	2636.5	1	24.22	25.40	1.312	42.9	1.009	-0.05	0.487	0.645
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	-0.13	0.228	0.247
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.48	23.80	1.076	62.9	1.006	-0.19	0.525	0.569
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	39750	2506	1	23.40	23.80	1.096	62.9	1.006	-0.04	0.433	0.478
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	40620	2593	1	23.43	23.80	1.089	62.9	1.006	-0.09	0.500	0.548
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	41055	2636.5	1	23.38	23.80	1.102	62.9	1.006	-0.05	0.564	0.625
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 5	DSI 4	41490	2680	1	23.40	23.80	1.096	62.9	1.006	-0.06	0.429	0.473
	LTE Band 41 PC3	20M	QPSK	100	0	-	Back	10mm	Ant 5	DSI 4	40185	2549.5	1	23.41	23.80	1.094	62.9	1.006	0.19	0.487	0.536
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	0.12	0.262	0.270
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	40185	2549.5	1	22.70	22.80	1.023	62.9	1.006	-0.03	0.403	0.415
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	39750	2506	1	22.61	22.80	1.045	62.9	1.006	-0.03	0.217	0.228
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	40620	2593	1	22.58	22.80	1.052	62.9	1.006	0.15	0.250	0.265
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	41055	2636.5	1	22.53	22.80	1.064	62.9	1.006	0.08	0.236	0.253
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	41490	2680	1	22.63	22.80	1.040	62.9	1.006	-0.16	0.227	0.237
	LTE Band 41 PC2	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	40185	2549.5	1	23.08	24.40	1.355	42.9	1.009	-0.01	0.319	0.436
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.05	0.251	0.261
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	40185	2549.5	1	22.66	22.80	1.033	62.9	1.006	0.14	0.271	0.282
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	39750	2506	1	22.59	22.80	1.050	62.9	1.006	0.11	0.205	0.216
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	40620	2593	1	22.55	22.80	1.059	62.9	1.006	-0.08	0.235	0.250
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	41055	2636.5	1	22.42	22.80	1.091	62.9	1.006	0.01	0.229	0.251
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	41490	2680	1	22.62	22.80	1.042	62.9	1.006	0.11	0.218	0.229
	LTE Band 41 PC3	20M	QPSK	1	49	-	Front	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-0.15	0.157	0.161
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	40185	2549.5	1	24.71	24.80	1.021	62.9	1.006	-0.05	0.258	0.265
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	39750	2506	1	24.66	24.80	1.033	62.9	1.006	0.09	0.220	0.229
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	40620	2593	1	24.67	24.80	1.030	62.9	1.006	0.15	0.206	0.214
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	41055	2636.5	1	24.62	24.80	1.042	62.9	1.006	-0.01	0.189	0.198
	LTE Band 41 PC3	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	41490	2680	1	24.68	24.80	1.028	62.9	1.006	0.04	0.176	0.182
	LTE Band 41 PC2	20M	QPSK	1	49	-	Back	10mm	Ant 7	DSI 4	40185	2549.5	1	26.42	26.80	1.091	42.9	1.009	0.14	0.237	0.261
	LTE Band 41 PC3	20M	QPSK	50	24	-	Front	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	-0.07	0.134	0.136
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	40185	2549.5	1	23.77	23.80	1.007	62.9	1.006	-0.16	0.235	0.238
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	39750	2506	1	23.68	23.80	1.028	62.9	1.006	0.09	0.209	0.216
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	40620	2593	1	23.75	23.80	1.012	62.9	1.006	-0.09	0.201	0.205
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	41055	2636.5	1	23.66	23.80	1.033	62.9	1.006	-0.19	0.177	0.184
	LTE Band 41 PC3	20M	QPSK	50	24	-	Back	10mm	Ant 7	DSI 4	41490	2680	1	23.69	23.80	1.026	62.9	1.006	-0.01	0.171	0.176
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	-0.18	0.243	0.332
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	1	19.85	21.20	1.365	-	-	0.03	0.541	0.738
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.02	0.269	0.371



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86	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	1	19.80	21.20	1.380	-	-	0.09	0.577	0.796
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 0	DSI 4	507000	2535	2	19.80	21.20	1.380	-	-	0.09	0.526	0.726
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	-0.15	0.230	0.277
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 5	DSI 4	507000	2535	1	21.40	22.20	1.202	-	-	0.15	0.411	0.494
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	0.07	0.237	0.288
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 5	DSI 4	507000	2535	1	21.35	22.20	1.216	-	-	-0.04	0.441	0.536
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	-0.12	0.238	0.263
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 6	DSI 4	507000	2535	1	19.27	19.70	1.104	-	-	-0.09	0.310	0.342
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	0.03	0.259	0.289
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 6	DSI 4	507000	2535	1	19.23	19.70	1.114	-	-	-0.04	0.370	0.412
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	-0.12	0.161	0.191
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 7	DSI 4	507000	2535	1	21.95	22.70	1.189	-	-	0.06	0.213	0.253
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	0.18	0.160	0.192
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 7	DSI 4	507000	2535	1	21.90	22.70	1.202	-	-	-0.12	0.199	0.239
	FR1 n38	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	0.03	0.250	0.293
87	FR1 n38	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	519000	2595	1	19.01	19.70	1.172	-	-	-0.02	0.347	0.407
	FR1 n38	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.13	0.245	0.295
	FR1 n38	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	519000	2595	1	18.89	19.70	1.205	-	-	-0.04	0.315	0.380
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	0.15	0.279	0.374
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 0	DSI 4	518598	2592.99	1	19.43	20.70	1.340	-	-	-0.01	0.345	0.462
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	-0.03	0.256	0.347
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 0	DSI 4	518598	2592.99	1	19.38	20.70	1.355	-	-	-0.08	0.317	0.430
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	0	0.304	0.397
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.54	21.70	1.306	-	-	0.18	0.496	0.648
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	-0.14	0.306	0.416
88	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.37	21.70	1.358	-	-	-0.05	0.512	0.695
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 5	DSI 4	518598	2592.99	1	20.24	21.70	1.400	-	-	0.02	0.465	0.651
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	0.03	0.215	0.305
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	518598	2592.99	1	17.68	19.20	1.419	-	-	0.07	0.306	0.434
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	0.18	0.206	0.296
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	518598	2592.99	1	17.62	19.20	1.439	-	-	-0.09	0.293	0.422
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	0.1	0.188	0.263
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 7	DSI 4	518598	2592.99	1	22.24	23.70	1.400	-	-	-0.06	0.207	0.290
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.13	0.193	0.274
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	518598	2592.99	1	22.18	23.70	1.419	-	-	0.12	0.211	0.299
3000-4000MHz																					
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	-0.1	0.299	0.339
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	DSI 4	55830	3609	1	23.28	23.80	1.127	62.9	1.006	0.18	0.462	0.524
	LTE Band 48C	20M	QPSK	1	0	-	Back	10mm	Ant 10	DSI 4	55340+55538	3560+3579.8	1	23.19	23.80	1.151	62.9	1.006	-0.02	0.433	0.501
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	DSI 4	55340	3560	1	23.25	23.80	1.135	62.9	1.006	0.06	0.358	0.409
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	DSI 4	56150	3641	1	23.18	23.80	1.153	62.9	1.006	-0.16	0.415	0.482
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 10	DSI 4	56640	3690	1	23.23	23.80	1.140	62.9	1.006	-0.09	0.340	0.390
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	0.18	0.270	0.307
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	DSI 4	55830	3609	1	23.27	23.80	1.130	62.9	1.006	-0.01	0.437	0.497
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	DSI 4	55340	3560	1	23.23	23.80	1.140	62.9	1.006	-0.05	0.331	0.380
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	DSI 4	56150	3641	1	23.20	23.80	1.148	62.9	1.006	-0.11	0.392	0.453
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 10	DSI 4	56640	3690	1	23.25	23.80	1.135	62.9	1.006	-0.1	0.330	0.377
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	-0.12	0.311	0.331
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	55830	3609	1	23.05	23.30	1.059	62.9	1.006	0.1	0.357	0.380
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	55340	3560	1	22.97	23.30	1.079	62.9	1.006	-0.12	0.346	0.376
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	56150	3641	1	22.98	23.30	1.076	62.9	1.006	0.02	0.381	0.413
	LTE Band 48C	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI 4	55340+55538	3560+3579.8	1	22.91	23.30	1.094	62.9	1.006	-0.14	0.372	0.409
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 6	DSI 4	56640	3690	1	23.00	23.30	1.072	62.9	1.006	0.08	0.346	0.373
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	0.06	0.287	0.311
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	55830	3609	1	22.98	23.30	1.076	62.9	1.006	-0.04	0.340	0.368



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	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	55340	3560	1	22.90	23.30	1.096	62.9	1.006	-0.09	0.338	0.373
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	56150	3641	1	22.97	23.30	1.079	62.9	1.006	-0.02	0.350	0.380
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 6	DSI 4	56640	3690	1	22.95	23.30	1.084	62.9	1.006	-0.05	0.327	0.357
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	0.07	0.388	0.418
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 11	DSI 4	55830	3609	1	24.00	24.30	1.072	62.9	1.006	-0.18	0.244	0.263
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 11	DSI 4	55340	3560	1	23.98	24.30	1.076	62.9	1.006	-0.06	0.509	0.551
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 11	DSI 4	56150	3641	1	23.95	24.30	1.084	62.9	1.006	-0.04	0.364	0.397
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 11	DSI 4	56640	3690	1	23.94	24.30	1.086	62.9	1.006	-0.18	0.349	0.381
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	0.07	0.360	0.384
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 11	DSI 4	55830	3609	1	23.55	23.80	1.059	62.9	1.006	-0.11	0.224	0.239
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 11	DSI 4	55340	3560	1	23.49	23.80	1.074	62.9	1.006	0.15	0.433	0.468
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 11	DSI 4	56150	3641	1	23.53	23.80	1.064	62.9	1.006	0.08	0.349	0.374
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 11	DSI 4	56640	3690	1	23.45	23.80	1.084	62.9	1.006	-0.19	0.336	0.366
	LTE Band 48	20M	QPSK	1	49	-	Front	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	-0.11	0.443	0.472
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	21.05	21.30	1.059	62.9	1.006	-0.04	0.868	0.925
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	55340	3560	1	20.90	21.30	1.096	62.9	1.006	0.18	0.846	0.933
89	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	56150	3641	1	21.00	21.30	1.072	62.9	1.006	-0.1	0.897	0.967
	LTE Band 48	20M	QPSK	1	49	-	Back	10mm	Ant 12	DSI 4	56640	3690	1	21.02	21.30	1.067	62.9	1.006	0.06	0.758	0.813
	LTE Band 48	20M	QPSK	50	24	-	Front	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.19	0.405	0.435
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	21.02	21.30	1.067	62.9	1.006	-0.02	0.789	0.847
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	55340	3560	1	20.87	21.30	1.104	62.9	1.006	-0.08	0.825	0.916
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	56150	3641	1	20.98	21.30	1.076	62.9	1.006	-0.01	0.867	0.939
	LTE Band 48	20M	QPSK	50	24	-	Back	10mm	Ant 12	DSI 4	56640	3690	1	21.00	21.30	1.072	62.9	1.006	-0.09	0.737	0.794
	LTE Band 48	20M	QPSK	100	0	-	Back	10mm	Ant 12	DSI 4	55830	3609	1	17.77	18.00	1.054	62.9	1.006	0.09	0.706	0.749
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	0.12	0.335	0.427
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	21.15	22.20	1.274	-	-	-0.01	0.472	0.601
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	638000	3570	1	21.01	22.20	1.315	-	-	0.09	0.357	0.470
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	645332	3679.98	1	21.10	22.20	1.288	-	-	0.17	0.389	0.501
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	-0.03	0.341	0.441
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	21.08	22.20	1.294	-	-	-0.08	0.483	0.625
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	638000	3570	1	20.96	22.20	1.330	-	-	0.18	0.406	0.540
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 10	DSI 4	645332	3679.98	1	21.03	22.20	1.309	-	-	0.07	0.427	0.559
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 10	DSI 4	641666	3624.99	1	20.96	22.20	1.330	-	-	0.03	0.450	0.599
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	-0.13	0.498	0.627
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	22.70	23.70	1.259	-	-	0.19	0.689	0.867
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	638000	3570	1	22.62	23.70	1.282	-	-	0.03	0.487	0.624
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	645332	3679.98	1	22.68	23.70	1.265	-	-	0.01	0.505	0.639
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	638000	3570	1	22.62	23.70	1.282	-	-	0.03	0.705	0.904
90	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	645332	3679.98	1	22.68	23.70	1.265	-	-	-0.18	0.723	0.914
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.02	0.488	0.626
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	22.62	23.70	1.282	-	-	-0.19	0.648	0.831
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	638000	3570	1	22.57	23.70	1.297	-	-	0.05	0.471	0.611
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 6	DSI 4	645332	3679.98	1	22.54	23.70	1.306	-	-	0.08	0.430	0.562
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	638000	3570	1	22.57	23.70	1.297	-	-	-0.06	0.691	0.896
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 6	DSI 4	645332	3679.98	1	22.54	23.70	1.306	-	-	-0.01	0.697	0.910
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Front	10mm	Ant 6	DSI 4	641666	3624.99	1	20.65	21.70	1.274	-	-	0.08	0.392	0.499
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 6	DSI 4	641666	3624.99	1	20.65	21.70	1.274	-	-	0.06	0.533	0.679
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	0.03	0.442	0.558
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	641666	3624.99	1	21.69	22.70	1.262	-	-	-0.11	0.265	0.334
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	638000	3570	1	21.60	22.70	1.288	-	-	-0.14	0.438	0.564
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	645332	3679.98	1	21.68	22.70	1.265	-	-	-0.01	0.399	0.505
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	-0.06	0.486	0.623
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 11	DSI 4	641666	3624.99	1	21.62	22.70	1.282	-	-	0.12	0.272	0.349
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	638000	3570	1	21.45	22.70	1.334	-	-	0.11	0.449	0.599
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 11	DSI 4	645332	3679.98	1	21.56	22.70	1.300	-	-	-0.02	0.409	0.532
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Front	10mm	Ant 11	DSI 4	641666	3624.99	1	21.20	22.20	1.259	-	-	0.02	0.433	0.545



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	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	0.19	0.387	0.443
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.11	18.70	1.146	-	-	-0.14	0.499	0.572
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	638000	3570	1	18.01	18.70	1.172	-	-	0.12	0.431	0.505
	FR1 n48 Part96	40M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	645332	3679.98	1	18.08	18.70	1.153	-	-	0.11	0.461	0.532
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	0.07	0.405	0.470
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.05	18.70	1.161	-	-	0	0.526	0.611
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	638000	3570	1	17.99	18.70	1.178	-	-	0.06	0.450	0.530
	FR1 n48 Part96	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 12	DSI 4	645332	3679.98	1	18.05	18.70	1.161	-	-	-0.02	0.482	0.560
	FR1 n48 Part96	40M	QPSK	100	0	DFT-30	Back	10mm	Ant 12	DSI 4	641666	3624.99	1	18.04	18.70	1.164	-	-	0.09	0.475	0.553
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	0.04	0.115	0.142
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	18.77	19.70	1.239	-	-	0.19	0.175	0.217
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	-0.17	0.130	0.164
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	18.69	19.70	1.262	-	-	0.04	0.182	0.230
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	0	0.157	0.216
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	656000	3840	1	18.31	19.70	1.377	-	-	-0.16	0.203	0.280
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	0.16	0.107	0.152
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	656000	3840	1	18.17	19.70	1.422	-	-	0.19	0.132	0.188
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.02	0.216	0.271
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	19.71	20.70	1.256	-	-	0.13	0.270	0.339
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	0.03	0.253	0.324
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	19.62	20.70	1.282	-	-	-0.02	0.276	0.354
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	-0.05	0.289	0.360
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.75	20.70	1.245	-	-	-0.07	0.432	0.538
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	0.14	0.268	0.339
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.68	20.70	1.265	-	-	-0.11	0.384	0.486
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	1	19.59	20.70	1.291	-	-	-0.07	0.357	0.461
91	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	0.15	0.779	0.972
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	2	22.24	23.20	1.247	-	-	0.05	0.724	0.903
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	633332	3499.98	1	22.24	23.20	1.247	-	-	-0.04	0.403	0.503
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	-0.14	0.733	0.929
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 11	DSI 4	633332	3499.98	1	22.17	23.20	1.268	-	-	0.16	0.342	0.434
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 11	DSI 4	633332	3499.98	1	22.02	23.20	1.312	-	-	-0.12	0.685	0.899
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	-0.1	0.707	0.886
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	22.22	23.20	1.253	-	-	-0.1	0.505	0.633
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	0.15	0.722	0.934
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	22.08	23.20	1.294	-	-	-0.08	0.516	0.668
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	0.07	0.687	0.908
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 11	DSI 4	656000	3840	1	21.99	23.20	1.321	-	-	0.06	0.486	0.642
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	-0.13	0.390	0.497
	FR1 n77 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	633332	3499.98	1	18.15	19.20	1.274	-	-	-0.14	0.426	0.543
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.09	0.406	0.532
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 12	DSI 4	633332	3499.98	1	18.03	19.20	1.309	-	-	-0.07	0.443	0.580
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	-0.03	0.373	0.479
	FR1 n77 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	18.11	19.20	1.285	-	-	0.09	0.458	0.589
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	-0.05	0.346	0.450
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	18.06	19.20	1.300	-	-	-0.11	0.427	0.555
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Front	10mm	Ant 12	DSI 4	656000	3840	1	17.95	19.20	1.334	-	-	0.09	0.338	0.451
	FR1 n77 Part27O	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 12	DSI 4	656000	3840	1	17.95	19.20	1.334	-	-	0.07	0.416	0.555
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	-0.18	0.148	0.185
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	19.72	20.70	1.253	-	-	0.14	0.211	0.264
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	0.11	0.145	0.184
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	633332	3499.98	1	19.66	20.70	1.271	-	-	-0.13	0.206	0.262
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	0.18	0.213	0.289
	FR1 n78 Part27O	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 10	DSI 4	650000	3750	1	19.38	20.70	1.355	-	-	-0.08	0.275	0.373
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	-0.15	0.150	0.210
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 10	DSI 4	650000	3750	1	19.24	20.70	1.400	-	-	0.05	0.241	0.337



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	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	-0.03	0.410	0.531
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	21.08	22.20	1.294	-	-	0.1	0.518	0.670
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	-0.19	0.428	0.562
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	1	21.02	22.20	1.312	-	-	0.02	0.537	0.705
	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	-0.11	0.620	0.745
92	FR1 n78 Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.40	22.20	1.202	-	-	-0.18	0.708	0.851
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	-0.17	0.592	0.725
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.32	22.20	1.225	-	-	0.1	0.662	0.811
	FR1 n78 Part27Q	100M	QPSK	270	0	DFT-30	Back	10mm	Ant 6	DSI 4	650000	3750	1	21.23	22.20	1.250	-	-	-0.06	0.611	0.764

Plot No.	Band	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)
WLAN/BT																	
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	-0.03	0.109	0.196
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 13	DSI 4	39	2441	1	18.60	20.00	1.380	76.71	1.304	-0.07	0.157	0.283
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 13	DSI 4	0	2402	1	18.60	20.00	1.380	76.71	1.304	-0.06	0.162	0.292
93	Bluetooth	DH5 1Mbps	Back	10mm	Ant 13	DSI 4	78	2480	1	18.30	20.00	1.479	76.71	1.304	0.1	0.190	0.366
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	0.11	0.095	0.156
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 10	DSI 4	39	2441	1	17.50	18.50	1.259	76.71	1.304	-0.1	0.142	0.233
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 10	DSI 4	0	2402	1	17.50	18.50	1.259	76.71	1.304	0.07	0.118	0.194
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 10	DSI 4	78	2480	1	17.50	18.50	1.259	76.71	1.304	-0.07	0.121	0.199
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	0.07	0.033	0.060
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 1	DSI 4	0	2402	1	13.60	15.00	1.380	76.59	1.306	-0.08	0.034	0.061
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 1	DSI 4	39	2441	1	12.70	14.00	1.349	76.59	1.306	-0.06	0.054	0.096
	Bluetooth	DH5 1Mbps	Back	10mm	Ant 1	DSI 4	78	2480	1	12.30	14.00	1.479	76.59	1.306	-0.04	0.058	0.113
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	-0.19	0.261	0.364
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13	DSI 4	1	2412	1	19.56	21.00	1.393	100	1.000	-0.18	0.462	0.644
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13	DSI 4	6	2437	1	19.55	21.00	1.396	100	1.000	0.02	0.471	0.658
94	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13	DSI 4	11	2462	1	19.32	21.00	1.472	100	1.000	0.14	0.509	0.749
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	0.08	0.200	0.259
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 10	DSI 4	1	2412	1	18.37	19.50	1.297	100	1.000	-0.01	0.269	0.349
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 10	DSI 4	6	2437	1	18.24	19.50	1.337	100	1.000	-0.18	0.278	0.372
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 10	DSI 4	11	2462	1	18.19	19.50	1.352	100	1.000	0.04	0.324	0.438
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	0.11	0.214	0.285
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13+10(13)	DSI 4	1	2412	1	17.26	18.50	1.330	100	1.000	-0.17	0.250	0.333
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13+10(13)	DSI 4	6	2437	1	16.98	18.50	1.419	100	1.000	0.04	0.281	0.399
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 13+10(13)	DSI 4	11	2462	1	16.73	18.50	1.503	100	1.000	-0.16	0.313	0.470
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	0.03	0.201	0.293
95	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	-0.02	0.232	0.338
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	0.14	0.089	0.130
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	-0.04	0.105	0.154
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	0.01	0.066	0.097
	WLAN 5.3GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	-0.11	0.084	0.125
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	-0.09	0.261	0.347
96	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	-0.01	0.327	0.435
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	0.12	0.193	0.289
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	0.18	0.278	0.417
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	-0.01	0.091	0.139
	WLAN 5.5GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	0.08	0.146	0.223
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	0.12	0.176	0.269
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14	DSI 4	155	5775	1	15.16	17.00	1.528	100	1.000	0.05	0.215	0.328
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	-0.1	0.092	0.132
97	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 15	DSI 4	155	5775	1	12.43	14.00	1.435	100	1.000	0.19	0.423	0.607
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 15	DSI 4	155	5775	2	12.43	14.00	1.435	100	1.000	0.07	0.356	0.511



	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	-0.14	0.101	0.148
	WLAN 5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 14+15(15)	DSI 4	155	5775	1	8.33	10.00	1.469	100	1.000	0.03	0.149	0.219

15.4 Product specific 10g SAR

Plot No.	Band	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 10g SAR (W/kg)	Reported 10g SAR (W/kg)
WLAN																	
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	-0.07	0.417	0.607
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	-0.17	0.247	0.359
98	WLAN5.3GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	-0.11	1.120	1.630
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 14	DSI 4	50	5250	1	15.37	17.00	1.455	100	1.000	0.06	0.384	0.559
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	-0.01	0.033	0.048
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	-0.14	0.236	0.345
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	0.13	0.037	0.054
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 15	DSI 4	50	5250	1	12.35	14.00	1.462	100	1.000	-0.01	0.041	0.060
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	0.14	0.066	0.097
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	-0.17	0.116	0.171
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	0.04	0.023	0.034
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	-0.04	0.201	0.297
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 14+15(14)	DSI 4	50	5250	1	8.31	10.00	1.476	100	1.000	0.07	0.096	0.142
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	-0.01	0.449	0.597
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	0.15	0.274	0.365
99	WLAN5.5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	0.11	1.350	1.796
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14	DSI 4	114	5570	2	15.76	17.00	1.330	100	1.000	0.08	1.170	1.557
	WLAN5.5GHz battery 2	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	0.03	1.060	1.410
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 14	DSI 4	114	5570	1	15.76	17.00	1.330	100	1.000	-0.07	0.209	0.278
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	-0.18	0.068	0.102
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	0.1	0.469	0.703
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	0.02	0.063	0.094
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 15	DSI 4	114	5570	1	12.24	14.00	1.500	100	1.000	-0.14	0.072	0.108
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	-0.16	0.121	0.184
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	0.08	0.186	0.283
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	-0.04	0.038	0.058
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	-0.03	0.318	0.485
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 14+15(15)	DSI 4	114	5570	1	8.17	10.00	1.524	100	1.000	0.04	0.048	0.073



15.5 Repeated SAR Measurement

<1g>

Plo t No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	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)	Ratio	Reported 1g SAR (W/kg)
1st	LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 0	DSI 5	18900	1880	19.57	20.30	1.183	-	-	-0.17	0.977	1	1.156
2nd	LTE Band 2	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 0	DSI 5	18900	1880	19.57	20.30	1.183	-	-	0.04	0.951	1.027	1.125
1st	LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 0	DSI 5	27710	2310	21.02	21.30	1.067	-	-	0.09	0.981	1	1.046
2nd	LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 0	DSI 5	27710	2310	21.02	21.30	1.067	-	-	0.07	0.966	1.016	1.030
1st	LTE Band 41 PC3	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 6	DSI 5	39750	2506	21.59	21.80	1.050	62.9	1.006	0.15	1.040	1	1.098
2nd	LTE Band 41 PC3	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 6	DSI 5	39750	2506	21.59	21.80	1.050	62.9	1.006	0.07	0.974	1.068	1.028
1st	LTE Band 48	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 11	DSI 5	55340	3560	19.38	19.80	1.102	62.9	1.006	-0.18	0.988	1	1.095
2nd	LTE Band 48	20M	QPSK	50	24	-	Left Cheek	0mm	Ant 11	DSI 5	55340	3560	19.38	19.80	1.102	62.9	1.006	0.08	0.967	1.022	1.072
1st	FR1 n77 Part270	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	16.72	17.70	1.253	-	-	0.16	0.951	1	1.192
2nd	FR1 n77 Part270	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 11	DSI 5	656000	3840	16.72	17.70	1.253	-	-	0.07	0.934	1.018	1.170
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	1	2412	17.62	19.00	1.374	100	1.000	-0.16	0.803	1	1.103
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Tilted	0mm	Ant 13	DSI 5	1	2412	17.62	19.00	1.374	100	1.000	0.08	0.788	1.019	1.083
1st	WLAN5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14	DSI 5	114	5570	16.73	18.00	1.340	100	1.000	-0.04	0.880	1	1.179
2nd	WLAN5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 14	DSI 5	114	5570	16.73	18.00	1.340	100	1.000	0.07	0.856	1.028	1.147
1st	LTE Band 13	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	23230	782	23.25	24.30	1.274	-	-	0.05	0.932	1	1.187
2nd	LTE Band 13	10M	QPSK	1	25	-	Left Side	10mm	Ant 0	DSI 4	23230	782	23.25	24.30	1.274	-	-	0.07	0.902	1.033	1.149
1st	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	4182	836.4	22.41	23.30	1.227	-	-	0.13	0.954	1	1.171
2nd	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSI 4	4182	836.4	22.41	23.30	1.227	-	-	0.08	0.911	1.047	1.118
1st	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	132572	1770	22.73	23.50	1.194	-	-	0.15	0.913	1	1.090
2nd	LTE Band 66	20M	QPSK	1	49	-	Bottom Side	10mm	Ant 5	DSI 4	132572	1770	22.73	23.50	1.194	-	-	0.07	0.897	1.018	1.071
1st	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	21.05	21.30	1.059	62.9	1.006	0.1	1.090	1	1.162
2nd	LTE Band 48	20M	QPSK	1	49	-	Left Side	10mm	Ant 12	DSI 4	55830	3609	21.05	21.30	1.059	62.9	1.006	0.08	1.010	1.079	1.076

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
3. The ratio is the difference in percentage between original and repeated *measured SAR*.
4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

15.6 TDD LTE Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

Head			Hotspot		
LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 5			LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.30	24.90	Maximum Tune up Power (dBm)	22.30	23.90
Reported 1g SAR (W/kg)	1.083	1.047	Reported 1g SAR (W/kg)	0.915	0.900
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	135.33	133.81	Frame Averaged (mW)	107.50	106.29
Linearity SAR (W/kg)	1.071		Linearity SAR (W/kg)	0.905	
% deviation from expected linearity		-2.22%	% deviation from expected linearity		-0.52%
LTE Band 41_Ant 5(HPUE)-Linearity Data for DSI 5			LTE Band 41_Ant 5(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.80	26.40	Maximum Tune up Power (dBm)	23.80	25.40
Reported 1g SAR (W/kg)	0.189	0.190	Reported 1g SAR (W/kg)	1.141	1.124
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	191.16	189.01	Frame Averaged (mW)	151.85	150.14
Linearity SAR (W/kg)	0.187		Linearity SAR (W/kg)	1.128	
% deviation from expected linearity		1.67%	% deviation from expected linearity		-0.37%
LTE Band 41_Ant 6(HPUE)-Linearity Data for DSI 5			LTE Band 41_Ant 6(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	21.80	23.40	Maximum Tune up Power (dBm)	22.80	24.40
Reported 1g SAR (W/kg)	1.098	1.066	Reported 1g SAR (W/kg)	0.963	0.959
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	95.81	94.73	Frame Averaged (mW)	120.62	119.26
Linearity SAR (W/kg)	1.086		Linearity SAR (W/kg)	0.952	
% deviation from expected linearity		-1.81%	% deviation from expected linearity		0.72%
LTE Band 41_Ant 7(HPUE)-Linearity Data for DSI 5			LTE Band 41_Ant 7(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.80	26.80	Maximum Tune up Power (dBm)	24.80	26.80
Reported 1g SAR (W/kg)	0.776	0.803	Reported 1g SAR (W/kg)	0.591	0.579
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	191.16	207.25	Frame Averaged (mW)	191.16	207.25
Linearity SAR (W/kg)	0.841		Linearity SAR (W/kg)	0.641	
% deviation from expected linearity		-4.55%	% deviation from expected linearity		-9.63%

Body Worn		
LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.30	23.90
Reported 1g SAR (W/kg)	0.493	0.474
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	107.50	106.29
Linearity SAR (W/kg)	0.487	
% deviation from expected linearity		-2.76%
LTE Band 41_Ant 5(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.80	25.40
Reported 1g SAR (W/kg)	0.661	0.645
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	151.85	150.14
Linearity SAR (W/kg)	0.654	
% deviation from expected linearity		-1.31%
LTE Band 41_Ant 6(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.80	24.40
Reported 1g SAR (W/kg)	0.415	0.436
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	120.62	119.26
Linearity SAR (W/kg)	0.410	
% deviation from expected linearity		6.26%
LTE Band 41_Ant 7(HPUE)-Linearity Data for DSI 4		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.80	26.80
Reported 1g SAR (W/kg)	0.265	0.261
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	191.16	207.25
Linearity SAR (W/kg)	0.287	
% deviation from expected linearity		-9.15%

16. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
2.	WWAN + 5GHz WLAN	Yes	Yes	Yes	Yes
3.	WWAN + 6GHz WLAN	Yes	Yes		Yes
4.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
5.	5GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
6.	6GHz WLAN + Bluetooth	Yes	Yes		Yes
7.	2.4GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
8.	5GHz WLAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
9.	6GHz WLAN + 2.4GHz WLAN	Yes	Yes		Yes
10.	WWAN +5GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
11.	WWAN +6GHz WLAN + Bluetooth	Yes	Yes		Yes
12.	WWAN +2.4GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
13.	WWAN +5GHz WLAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
14.	WWAN +6GHz WLAN + 2.4GHz WLAN	Yes	Yes		Yes
15.	5GHz WLAN + 2.4GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
16.	6GHz WLAN + 2.4GHz WLAN + Bluetooth	Yes	Yes		Yes
17.	WWAN +5GHz WLAN + 2.4GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
18.	WWAN +6GHz WLAN + 2.4GHz WLAN + Bluetooth	Yes	Yes		Yes
19.	WWAN + 2.4GHz WLAN+NFC				Yes
20.	WWAN + 5GHz/6GHz WLAN+NFC				Yes
21.	WWAN + Bluetooth+NFC				Yes
22.	5GHz/6GHz WLAN + Bluetooth+NFC				Yes
23.	2.4GHz WLAN + Bluetooth+NFC				Yes
24.	5GHz/6GHz WLAN + 2.4GHz WLAN+NFC				Yes
25.	WWAN +5GHz/6GHz WLAN + Bluetooth+NFC				Yes
26.	WWAN +2.4GHz WLAN + Bluetooth+NFC				Yes
27.	WWAN +5GHz/6GHz WLAN + 2.4GHz WLAN+NFC				Yes
28.	5GHz/6GHz WLAN + 2.4GHz WLAN + Bluetooth+NFC				Yes
29.	WWAN +5GHz/6GHz WLAN + 2.4GHz WLAN + Bluetooth+NFC				Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
4. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
5. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN 6GHz has no hotspot function.
6. According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
7. According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
8. According to the EUT characteristic, three Bluetooth antennas can't transmit simultaneously.
9. According to the EUT characteristic, WLAN and Bluetooth share the same antenna, and they cannot transmit simultaneously, WLAN2.4GHz chain 0/1 and Bluetooth chain 2 can transmit simultaneously
10. NFC can transmit simultaneously with other Radios in extremity exposure condition.
11. The maximum SAR summation is calculated based on the same configuration and test position.
12. All licensed modes share the same antenna part and cannot transmit simultaneously.
13. For standalone WWAN/WLAN/BT at extremity exposure condition, always choose the highest SAR among all WWAN/WLAN/BT bands within all antennas for each exposure position to perform simultaneous transmission analysis with NFC. This is the worst co-located analysis and can represent each band.
14. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,

- i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) SPLSR = $(SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
15. Qualcomm Smart Transmit algorithm support to WWAN/WIFI/BT except NFC for this device. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR and during inter-band ULCA active conditions and WLAN/BT to not exceed FCC limit. Therefore, simultaneous transmission compliance between WWAN/WLAN/BT operation is demonstrated in the Part 2 Report during algorithm validation. Simultaneous SAR for WWAN/WLAN/BT in a DSI is the worst-case reported SAR of WWAN/WLAN/BT. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in this report at extremity exposure condition.
 16. For standalone WWAN/WLAN/BT, always choose the highest SAR among all WWAN/WLAN/BT bands within all antennas for each exposure position to perform simultaneous transmission analysis with NFC. This is the worst co-located analysis and can represent each band.
 17. The WLAN6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis were compliant with KDB 447498 D01. For the device does not support FR2 or other MPE field measurement, therefore section 16 in the SAR report has no TER analysis according to KDB 987594 requirement.

16.1 5G NR + LTE + External radio (e.g: NFC) Sim-Tx analysis

In 5G NR + LTE + external radio (e.g: NFC) simultaneous transmission, 5G NR and LTE transmission are managed and controlled by Qualcomm® Smart Transmit, while the RF exposure from external radios (e.g: NFC) is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since external radios (e.g: NFC) do not employ time-averaging, 1gSAR and 10gSAR measurement for external radios (e.g: NFC) need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

Smart Transmit current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x%, then the exposure margin left for 5G NR is capped to (100-x)%. Thus, the compliance equation for LTE + 5G NR is

$$x\% * A + (100-x)\% * B \leq 1.0,$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR (i.e. SAR exposure for 5G FR1), and $B \leq 1.0$.

Let C = normalized reported SAR exposure ratio from external radios (e.g: NFC), then for compliance,

$$x\% * A + (100-x)\% * B + C \leq 1.0 \quad (1)$$

$$x\% * A + (100-x)\% * B \leq x\% * \max(A, B) + (100-x)\% * \max(A, B) \leq \max(A, B)$$

$$x\% * A + (100-x)\% * B + C \leq \max(A, B) + C \leq 1.0 \quad (2)$$

If $A + C \leq 1.0$ and $B + C \leq 1.0$ can be proven, then " $x\% * A + (100-x)\% * B + C \leq 1.0$ ". Therefore simultaneous transmission analysis for 5G NR + LTE + external radios (e.g: NFC) can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + external radios (e.g: NFC) < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + external radios (e.g: NFC) < 1

Else, if $A + C > 1.0$ and/or $B + C > 1.0$, then the followings need to hold true for compliance:

- i. A and C are decoupled based on the SPLSR criteria, and
- ii. $(100-x)\% * B + C \leq 1.0$, and
- iii. $x\% * A + (100-x)\% * B \leq 1.0$

Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 2 report.

Above analysis is also apply to LTE/NR inter-band uplink CA, LTE(NR)1 + LTE(NR)2 + external radios (e.g: NFC) simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + external radios (e.g: NFC) < 1.

16.2 MIMO SAR Test condition and verification

General Note:

- Smart Transmit EFS v20 (or lower) uses SISO Plimit to calculate RF exposure from MIMO transmission scenario. Therefore, if MIMO is supported for WWAN technologies (including 5G sub6 NR), below procedure should be performed for validity of Smart Transmit operation:
 - Below procedure should also be performed for Smart Transmit EFS v21 (or higher) if MIMO Plimit is not populated in the EFS but MIMO operation is supported for antennas belonging to the same antenna group (refer to Section 4.2.5 of Qualcomm's document 80-W2112-4).
- Measure SAR for supported MIMO scenarios in FTM mode with each of the MIMO antennas set to transmit continuously at $P_{test} = \text{minimum } \{P_{limit}(i), P_{max}(i); i=1 \text{ to } n \text{ MIMO antennas}\}$, where $P_{limit}(i)$ is the power level entered in the Smart Transmit EFS for antenna i under the corresponding tech/band/DSI. For Smart Transmit to ensure the compliance in MIMO transmission scenario, the below criteria should be met for measured MIMO SAR (i.e., highest peak spatial-average SAR from the measurement):

$$\text{reported } SAR_{MIMO} = \text{Measured MIMO } SAR_{MIMO} \text{ at } (P_{test} + \text{device total uncertainty}) \leq \text{calc. SAR}$$

$$\text{Where } \text{calc. SAR} = \sum_{i=1}^n \left[SAR_design_target * 10^{\left(\frac{\text{total uncertainty} + P_{test} - P_{limit}(i) - \text{backoff}(i)}{10} \right)} \right]$$

Here,

- n is number of MIMO antennas (in case of 2x2MIMO, $n=2$).
 - $P_{limit}(i)$ is EFS P_{limit} for antenna $i \in$ MIMO for a given tech/band/DSI. P_{limit} corresponds to SAR_design_target .
 - $\text{backoff}(i)$ is backoff from SAR_design_target used for the i th antenna's P_{limit} to meet TER with external radios (i.e., radios outside of Smart Transmit control). If EFS P_{limit} of antenna i corresponds to SAR_design_target , then $\text{backoff}(i) = 0$ in the above equation.
 - P_{test} (i.e., power level used for MIMO SAR measurement, $MIMO.SAR @ P_{test}$) = $\min \{P_{limit}(i), P_{max}(i), i = 1 \text{ to } n \text{ MIMO antenna}\}$. To further clarify, $P_{test} = \min \{P_{limit}(i), SISO.P_{max}(i), MIMO.P_{max}, i = 1 \text{ to } n \text{ antenna} \in MIMO\}$, where, P_{limit} corresponds to SAR_design_target ; $SISO.P_{max}$ and $MIMO.P_{max}$ correspond to the maximum output power (nominal levels without device uncertainty) that device is capable; here, P_{test} is nominal power level, not measured level.
- If the $\text{reported } SAR_{MIMO}$ does not meet the above condition, then $P_{limit}(i)$ for each of the MIMO antenna in the Smart Transmit EFS should be reduced by $10 * \log_{10}[\text{reported } SAR_{MIMO} / \text{calc. SAR}]$ dB.
 - Per Qualcomm's document guideline, WLAN P_{limit} is configured in the EFS and WLAN MIMO antennas belong to the same antenna group, then SAR measurement results at MIMO P_{limit} for the corresponding FR1/WLAN MIMO transmission scenario can be referred to section 15 in this report.
 - Per Qualcomm's document guideline, FR1 MIMO P_{limit} is not populated in the EFS, but FR1 MIMO operation is supported for antennas belonging to the same antenna group, the detail FR1 MIMO analysis results please referred to appendix H.

16.3 1g SAR Exposure Conditions

N/A.

General Note: The equipment under test (EUT) contains the Qualcomm modems supporting 2G/3G/4G/5G technologies and WLAN/BT technologies. these modems are always enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure the time-averaged RF exposure follows the FCC requirement. Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not exceed FCC limit. Simultaneous SAR for WWAN/WLAN/BT in a DSI is the worst-case reported SAR of WWAN/WLAN/BT.

16.4 Product specific 10g SAR Exposure Conditions

	1	2	1+2
Test Position	All WWAN/WLAN/BT Bands 10g SAR (W/kg)	NFC 10g SAR (W/kg)	Summed 10g SAR (W/kg)
Front	0.607	0.000	0.61
Back	0.703	0.008	0.71
Left side	0.094	0.000	0.09
Right side	1.796	0.000	1.80
Top side	0.559	0.000	0.56
Bottom side		0.000	0.00

Test Engineer : Hank Huang, Kevin Xu, David Dai, Bin He

17. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

18. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [9] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [10] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [11] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [12] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [13] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

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