



FCC SAR Test Report

Report No. : FA440220

FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	519000	2595	20.88	21.20	1.076	-	-	0.17	0.193	0.208
FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	519000	2595	19.03	19.50	1.114	-	-	0.06	0.515	0.574
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI1	518598	2592.99	15.71	16.20	1.119	-	-	0.08	0.403	0.451
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI1	518598	2592.99	15.68	16.20	1.127	-	-	0.01	0.370	0.417
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI1	518598	2592.99	15.71	16.20	1.119	-	-	0.03	0.413	0.462
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI1	518598	2592.99	15.68	16.20	1.127	-	-	-0.08	0.394	0.444
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI1	518598	2592.99	15.71	16.20	1.119	-	-	-0.02	0.882	0.987
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI1	518598	2592.99	15.68	16.20	1.127	-	-	-0.08	0.729	0.822
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI1	518598	2592.99	15.65	16.20	1.135	-	-	0.1	0.846	0.960
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI1	518598	2592.99	15.71	16.20	1.119	-	-	-0.18	0.779	0.872
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI1	518598	2592.99	15.68	16.20	1.127	-	-	0.1	0.757	0.853
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI1	518598	2592.99	15.65	16.20	1.135	-	-	0.12	0.742	0.842
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.27	21.70	1.390	-	-	0.17	0.685	0.952
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.24	21.70	1.400	-	-	-0.05	0.647	0.906
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.21	21.70	1.409	-	-	0.01	0.639	0.901
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	518598	2592.99	20.27	21.70	1.390	-	-	0.1	0.151	0.210
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	518598	2592.99	20.24	21.70	1.400	-	-	-0.17	0.119	0.167
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.27	21.70	1.390	-	-	0.08	0.714	0.992
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.24	21.70	1.400	-	-	0.04	0.675	0.945
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	518598	2592.99	20.21	21.70	1.409	-	-	-0.01	0.638	0.899
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	518598	2592.99	20.27	21.70	1.390	-	-	-0.08	0.099	0.138
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	518598	2592.99	20.24	21.70	1.400	-	-	0.05	0.084	0.118
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI1	518598	2592.99	25.31	25.70	1.094	-	-	0.08	0.283	0.310
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI1	518598	2592.99	25.07	25.70	1.156	-	-	-0.17	0.214	0.247
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI1	518598	2592.99	25.31	25.70	1.094	-	-	-0.03	0.322	0.352
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI1	518598	2592.99	25.07	25.70	1.156	-	-	0.14	0.275	0.318
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI1	518598	2592.99	25.31	25.70	1.094	-	-	0.11	0.305	0.334
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI1	518598	2592.99	25.07	25.70	1.156	-	-	-0.05	0.236	0.273
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI1	518598	2592.99	25.31	25.70	1.094	-	-	0.18	0.387	0.423
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI1	518598	2592.99	25.07	25.70	1.156	-	-	0.14	0.277	0.320
FR1 n41 Main PA	100M	BPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI1	518598	2592.99	23.21	24.00	1.199	-	-	-0.17	0.308	0.369
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	518598	2592.99	20.59	21.20	1.151	-	-	0.06	0.388	0.447
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	518598	2592.99	20.57	21.20	1.156	-	-	-0.09	0.358	0.414
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	518598	2592.99	20.59	21.20	1.151	-	-	-0.08	0.094	0.108
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	518598	2592.99	20.57	21.20	1.156	-	-	0.13	0.089	0.103
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	518598	2592.99	20.59	21.20	1.151	-	-	0.06	0.827	0.952
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	518598	2592.99	20.57	21.20	1.156	-	-	0.12	0.738	0.853
FR1 n41 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	518598	2592.99	20.47	21.20	1.183	-	-	0.03	0.797	0.943
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	518598	2592.99	20.59	21.20	1.151	-	-	0.18	0.212	0.244
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	518598	2592.99	20.57	21.20	1.156	-	-	0.16	0.174	0.201
FR1 n41 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	518598	2592.99	18.79	19.50	1.178	-	-	-0.1	0.426	0.502
3500MHz																			
LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 7	DSI1	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.17	0.214	0.255
LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 7	DSI1	42590	3500	17.86	18.70	1.213	62.9	1.006	-0.04	0.194	0.237
LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 7	DSI1	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.05	0.097	0.116
LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 7	DSI1	42590	3500	17.86	18.70	1.213	62.9	1.006	0	0.113	0.138
LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 7	DSI1	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.13	0.334	0.398
LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	42590	3500	17.86	18.70	1.213	62.9	1.006	-0.01	0.692	0.845
LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	42190	3460	17.81	18.70	1.227	62.9	1.006	-0.09	0.648	0.800
LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	42990	3540	17.80	18.70	1.230	62.9	1.006	0.05	0.734	0.908
LTE Band 42	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 7	DSI1	42590	3500	17.93	18.70	1.194	62.9	1.006	0.02	0.689	0.828
LTE Band 42	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 7	DSI1	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.13	0.501	0.598
LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 7	DSI1	42590	3500	17.86	18.70	1.213	62.9	1.006	0.03	0.741	0.905
LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 7	DSI1	42190	3460	17.81	18.70	1.227	62.9	1.006	0.17	0.542	0.669
LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 7	DSI1	42990	3540	17.80	18.70	1.230	62.9	1.006	0.06	0.620	0.767
LTE Band 42	20M	QPSK	100	0	-	Left Tilted	0mm	Ant 7	DSI1	42590	3500	17.93	18.70	1.194	62.9	1.006	0	0.581	0.698



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	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	42590	3500	21.95	23.50	1.429	62.9	1.006	0.08	0.433	0.622
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	42190	3460	21.68	23.50	1.521	62.9	1.006	-0.17	0.395	0.604
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	42990	3540	21.65	23.50	1.531	62.9	1.006	-0.03	0.541	0.833
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	0.14	0.391	0.566
	LTE Band 42	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	0.11	0.389	0.563
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 6	DSI1	42590	3500	21.95	23.50	1.429	62.9	1.006	-0.05	0.141	0.203
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	0.18	0.144	0.208
	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	42590	3500	21.95	23.50	1.429	62.9	1.006	0.14	0.607	0.873
	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	42190	3460	21.68	23.50	1.521	62.9	1.006	-0.17	0.558	0.854
24	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	42990	3540	21.65	23.50	1.531	62.9	1.006	0.17	0.709	1.092
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	-0.05	0.550	0.796
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	42190	3460	21.79	23.50	1.483	62.9	1.006	0.01	0.486	0.725
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	42990	3540	21.69	23.50	1.517	62.9	1.006	0.1	0.629	0.960
	LTE Band 42	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	-0.17	0.555	0.803
	LTE Band 42	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 6	DSI1	42590	3500	21.95	23.50	1.429	62.9	1.006	0.04	0.097	0.139
	LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 6	DSI1	42590	3500	21.92	23.50	1.439	62.9	1.006	-0.01	0.086	0.124
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI1	42590	3500	21.41	23.00	1.442	62.9	1.006	0.07	0.204	0.296
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI1	42590	3500	21.16	22.50	1.361	62.9	1.006	0.18	0.160	0.219
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI1	42590	3500	21.41	23.00	1.442	62.9	1.006	-0.1	0.088	0.128
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI1	42590	3500	21.16	22.50	1.361	62.9	1.006	0.01	0.046	0.063
	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI1	42590	3500	21.41	23.00	1.442	62.9	1.006	-0.15	0.300	0.435
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI1	42590	3500	21.16	22.50	1.361	62.9	1.006	0.19	0.241	0.330
	LTE Band 42	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI1	42590	3500	21.41	23.00	1.442	62.9	1.006	0.07	0.086	0.125
	LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI1	42590	3500	21.16	22.50	1.361	62.9	1.006	-0.18	0.053	0.073
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	42590	3500	19.83	20.50	1.167	62.9	1.006	-0.04	0.573	0.673
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	42190	3460	19.80	20.50	1.175	62.9	1.006	-0.15	0.501	0.592
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	42990	3540	19.66	20.50	1.213	62.9	1.006	0.09	0.700	0.854
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI1	42590	3500	19.32	20.00	1.169	62.9	1.006	0.11	0.460	0.541
	LTE Band 42	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 8	DSI1	42590	3500	19.38	20.00	1.153	62.9	1.006	-0.02	0.461	0.535
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	42590	3500	19.83	20.50	1.167	62.9	1.006	0.1	0.520	0.610
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	42190	3460	19.80	20.50	1.175	62.9	1.006	0.04	0.426	0.504
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	42990	3540	19.66	20.50	1.213	62.9	1.006	0.13	0.579	0.707
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	42590	3500	19.32	20.00	1.169	62.9	1.006	-0.18	0.518	0.609
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	42190	3460	19.20	20.00	1.202	62.9	1.006	-0.11	0.455	0.550
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	42990	3540	19.19	20.00	1.205	62.9	1.006	-0.16	0.609	0.738
	LTE Band 42	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 8	DSI1	42590	3500	19.38	20.00	1.153	62.9	1.006	-0.15	0.496	0.576
	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI1	42590	3500	19.83	20.50	1.167	62.9	1.006	-0.06	0.226	0.265
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI1	42590	3500	19.32	20.00	1.169	62.9	1.006	-0.14	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 8	DSI1	42590	3500	19.83	20.50	1.167	62.9	1.006	-0.19	0.337	0.396
	LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 8	DSI1	42590	3500	19.32	20.00	1.169	62.9	1.006	0.01	0.393	0.462
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 7	DSI1	55830	3609	17.69	18.20	1.125	62.9	1.006	-0.08	0.343	0.388
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 7	DSI1	55830	3609	17.62	18.20	1.143	62.9	1.006	-0.08	0.194	0.223
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 7	DSI1	55830	3609	17.69	18.20	1.125	62.9	1.006	0.12	0.189	0.214
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 7	DSI1	55830	3609	17.62	18.20	1.143	62.9	1.006	0.03	0.148	0.170
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 7	DSI1	55830	3609	17.69	18.20	1.125	62.9	1.006	0.18	0.537	0.608
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 7	DSI1	55340	3560	17.38	18.20	1.208	62.9	1.006	0.16	0.613	0.745
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 7	DSI1	56150	3641	17.51	18.20	1.172	62.9	1.006	-0.1	0.549	0.647
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 7	DSI1	56640	3690	17.31	18.20	1.227	62.9	1.006	0.07	0.508	0.627
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	55830	3609	17.62	18.20	1.143	62.9	1.006	0.18	0.627	0.721
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	55340	3560	17.45	18.20	1.189	62.9	1.006	-0.1	0.600	0.717
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	56150	3641	17.60	18.20	1.148	62.9	1.006	0.01	0.553	0.639
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 7	DSI1	56640	3690	17.59	18.20	1.151	62.9	1.006	-0.15	0.507	0.587
	LTE Band 48	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 7	DSI1	55830	3609	17.52	18.20	1.169	62.9	1.006	0.19	0.606	0.713
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 7	DSI1	55830	3609	17.69	18.20	1.125	62.9	1.006	0.07	0.487	0.551
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 7	DSI1	55830	3609	17.62	18.20	1.143	62.9	1.006	-0.15	0.494	0.568
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	55830	3609	22.83	24.20	1.371	62.9	1.006	0.1	0.489	0.674



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	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	55340	3560	22.61	24.20	1.442	62.9	1.006	0.12	0.494	0.717
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	56150	3641	22.42	24.20	1.507	62.9	1.006	0.08	0.448	0.679
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 6	DSI1	56640	3690	22.58	24.20	1.452	62.9	1.006	-0.17	0.449	0.656
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 6	DSI1	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.03	0.402	0.604
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 6	DSI1	55340	3560	22.35	24.20	1.531	62.9	1.006	0.14	0.404	0.622
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 6	DSI1	56150	3641	22.30	24.20	1.549	62.9	1.006	0.11	0.394	0.614
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 6	DSI1	56640	3690	22.39	24.20	1.517	62.9	1.006	-0.05	0.348	0.531
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 6	DSI1	55830	3609	22.40	24.20	1.514	62.9	1.006	0.18	0.400	0.609
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 6	DSI1	55830	3609	22.83	24.20	1.371	62.9	1.006	0.14	0.136	0.188
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 6	DSI1	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.17	0.106	0.159
25	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.04	0.737	1.016
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	55340	3560	22.61	24.20	1.442	62.9	1.006	0.17	0.691	1.002
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	56150	3641	22.42	24.20	1.507	62.9	1.006	-0.05	0.670	1.015
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 6	DSI1	56640	3690	22.58	24.20	1.452	62.9	1.006	0.01	0.631	0.922
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	55830	3609	22.46	24.20	1.493	62.9	1.006	0.1	0.585	0.879
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	55340	3560	22.35	24.20	1.531	62.9	1.006	-0.17	0.579	0.892
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	56150	3641	22.30	24.20	1.549	62.9	1.006	0.04	0.562	0.876
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 6	DSI1	56640	3690	22.39	24.20	1.517	62.9	1.006	-0.01	0.504	0.769
	LTE Band 48	20M	QPSK	100	0	-	Left Cheek	0mm	Ant 6	DSI1	55830	3609	22.40	24.20	1.514	62.9	1.006	-0.08	0.588	0.895
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 6	DSI1	55830	3609	22.83	24.20	1.371	62.9	1.006	0.05	0.099	0.137
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 6	DSI1	55830	3609	22.46	24.20	1.493	62.9	1.006	0.06	0.077	0.116
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI1	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.09	0.135	0.197
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI1	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.08	0.109	0.155
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI1	55830	3609	22.19	23.80	1.449	62.9	1.006	0.13	0.036	0.052
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI1	55830	3609	21.31	22.80	1.409	62.9	1.006	0.12	0.039	0.055
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI1	55830	3609	22.19	23.80	1.449	62.9	1.006	0.03	0.170	0.248
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI1	55830	3609	21.31	22.80	1.409	62.9	1.006	0.18	0.134	0.190
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI1	55830	3609	22.19	23.80	1.449	62.9	1.006	0.16	0.000	0.000
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI1	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.1	0.000	0.000
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	55830	3609	17.29	18.50	1.321	62.9	1.006	-0.03	0.549	0.730
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	55340	3560	17.15	18.50	1.365	62.9	1.006	0.14	0.461	0.633
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	56150	3641	17.11	18.50	1.377	62.9	1.006	0.11	0.587	0.813
	LTE Band 48	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 8	DSI1	56640	3690	17.05	18.50	1.396	62.9	1.006	-0.05	0.629	0.884
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI1	55830	3609	17.27	18.50	1.327	62.9	1.006	0.18	0.455	0.608
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI1	55340	3560	17.24	18.50	1.337	62.9	1.006	0.14	0.398	0.535
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI1	56150	3641	17.09	18.50	1.384	62.9	1.006	-0.17	0.514	0.715
	LTE Band 48	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 8	DSI1	56640	3690	17.07	18.50	1.390	62.9	1.006	0.17	0.554	0.775
	LTE Band 48	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 8	DSI1	55830	3609	17.25	18.50	1.334	62.9	1.006	-0.05	0.461	0.618
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	55830	3609	17.29	18.50	1.321	62.9	1.006	0.01	0.577	0.767
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	55340	3560	17.15	18.50	1.365	62.9	1.006	0.1	0.520	0.714
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	56150	3641	17.11	18.50	1.377	62.9	1.006	-0.17	0.626	0.867
	LTE Band 48	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 8	DSI1	56640	3690	17.05	18.50	1.396	62.9	1.006	-0.05	0.665	0.934
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	55830	3609	17.27	18.50	1.327	62.9	1.006	0.04	0.483	0.645
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	55340	3560	17.24	18.50	1.337	62.9	1.006	-0.01	0.422	0.567
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	56150	3641	17.09	18.50	1.384	62.9	1.006	-0.08	0.540	0.752
	LTE Band 48	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 8	DSI1	56640	3690	17.07	18.50	1.390	62.9	1.006	0.05	0.582	0.814
	LTE Band 48	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 8	DSI1	55830	3609	17.25	18.50	1.334	62.9	1.006	0.06	0.487	0.653
	LTE Band 48	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 8	DSI1	55830	3609	17.29	18.50	1.321	62.9	1.006	-0.09	0.194	0.258
	LTE Band 48	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 8	DSI1	55830	3609	17.27	18.50	1.327	62.9	1.006	-0.08	0.168	0.224
	LTE Band 48	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 8	DSI1	55830	3609	17.29	18.50	1.321	62.9	1.006	0.13	0.291	0.387
	LTE Band 48	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 8	DSI1	55830	3609	17.27	18.50	1.327	62.9	1.006	0.12	0.254	0.339
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	641666	3624.99	14.72	15.20	1.117	-	-	-0.09	0.155	0.173
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	641666	3624.99	14.66	15.20	1.132	-	-	-0.16	0.164	0.186
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	641666	3624.99	14.72	15.20	1.117	-	-	-0.18	0.147	0.164
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	641666	3624.99	14.66	15.20	1.132	-	-	-0.07	0.154	0.174
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	641666	3624.99	14.72	15.20	1.117	-	-	0.11	0.578	0.646



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	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	641666	3624.99	14.66	15.20	1.132	-	-	-0.09	0.626	0.709
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	641666	3624.99	14.72	15.20	1.117	-	-	-0.09	0.451	0.504
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	641666	3624.99	14.66	15.20	1.132	-	-	-0.06	0.441	0.499
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	641666	3624.99	21.21	22.50	1.346	-	-	-0.17	0.421	0.567
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	641666	3624.99	21.19	22.50	1.352	-	-	-0.01	0.431	0.583
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	641666	3624.99	21.21	22.50	1.346	-	-	-0.11	0.177	0.238
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	641666	3624.99	21.19	22.50	1.352	-	-	0.14	0.158	0.214
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	641666	3624.99	21.21	22.50	1.346	-	-	0.03	0.520	0.700
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	641666	3624.99	21.19	22.50	1.352	-	-	-0.06	0.579	0.783
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	641666	3624.99	21.21	22.50	1.346	-	-	0.05	0.122	0.164
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	641666	3624.99	21.19	22.50	1.352	-	-	-0.03	0.111	0.150
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	641666	3624.99	21.32	22.80	1.406	-	-	0.17	0.173	0.243
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	641666	3624.99	21.25	22.80	1.429	-	-	-0.15	0.203	0.290
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	641666	3624.99	21.32	22.80	1.406	-	-	0.16	0.044	0.062
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	641666	3624.99	21.25	22.80	1.429	-	-	0.05	0.046	0.066
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	641666	3624.99	21.32	22.80	1.406	-	-	-0.06	0.575	0.808
26	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	638000	3570	21.15	22.80	1.462	-	-	-0.05	0.735	1.075
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	645332	3679.98	21.22	22.80	1.439	-	-	-0.01	0.476	0.685
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	641666	3624.99	21.25	22.80	1.429	-	-	-0.11	0.575	0.822
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	638000	3570	21.11	22.80	1.476	-	-	0.19	0.611	0.902
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	645332	3679.98	21.09	22.80	1.483	-	-	-0.14	0.521	0.772
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	641666	3624.99	21.21	22.80	1.442	-	-	-0.18	0.565	0.815
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	641666	3624.99	21.32	22.80	1.406	-	-	-0.06	0.053	0.075
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	641666	3624.99	21.25	22.80	1.429	-	-	0.02	0.052	0.074
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	641666	3624.99	16.68	18.00	1.355	-	-	0.16	0.647	0.877
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	638000	3570	16.65	18.00	1.365	-	-	0.01	0.605	0.826
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	645332	3679.98	16.59	18.00	1.384	-	-	0.03	0.611	0.845
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	641666	3624.99	16.65	18.00	1.365	-	-	0.03	0.741	1.011
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	638000	3570	16.61	18.00	1.377	-	-	0.01	0.718	0.989
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	645332	3679.98	16.61	18.00	1.377	-	-	-0.04	0.722	0.994
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	641666	3624.99	16.61	18.00	1.377	-	-	0.13	0.702	0.967
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	641666	3624.99	16.68	18.00	1.355	-	-	0.12	0.564	0.764
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	641666	3624.99	16.65	18.00	1.365	-	-	0.07	0.704	0.961
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	638000	3570	16.61	18.00	1.377	-	-	0.08	0.683	0.941
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	645332	3679.98	16.61	18.00	1.377	-	-	0.19	0.699	0.963
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	641666	3624.99	16.61	18.00	1.377	-	-	-0.06	0.569	0.784
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	641666	3624.99	16.68	18.00	1.355	-	-	0	0.305	0.413
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	641666	3624.99	16.65	18.00	1.365	-	-	-0.03	0.403	0.550
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	641666	3624.99	16.68	18.00	1.355	-	-	0.07	0.371	0.503
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	641666	3624.99	16.65	18.00	1.365	-	-	-0.12	0.338	0.461
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	656000	3840	15.16	16.00	1.213	-	-	0.08	0.239	0.290
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	656000	3840	15.14	16.00	1.219	-	-	0.01	0.210	0.256
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	656000	3840	15.16	16.00	1.213	-	-	0.03	0.193	0.234
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	656000	3840	15.14	16.00	1.219	-	-	-0.08	0.189	0.230
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	656000	3840	15.16	16.00	1.213	-	-	-0.08	0.661	0.802
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	656000	3840	15.14	16.00	1.219	-	-	0.1	0.707	0.862
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	656000	3840	15.07	16.00	1.239	-	-	-0.18	0.681	0.844
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	656000	3840	15.16	16.00	1.213	-	-	0.1	0.475	0.576
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	656000	3840	15.14	16.00	1.219	-	-	0.12	0.469	0.572
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	656000	3840	17.98	19.00	1.265	50	1.000	-0.17	0.627	0.793
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	633334	3500.01	15.41	16.00	1.146	-	-	0.08	0.125	0.143
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI1	633334	3500.01	15.38	16.00	1.153	-	-	-0.18	0.117	0.135
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	633334	3500.01	15.41	16.00	1.146	-	-	-0.03	0.127	0.145
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI1	633334	3500.01	15.38	16.00	1.153	-	-	-0.04	0.113	0.130
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	633334	3500.01	15.41	16.00	1.146	-	-	-0.09	0.757	0.867
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	633334	3500.01	15.38	16.00	1.153	-	-	-0.02	0.783	0.903



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	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	633334	3500.01	15.35	16.00	1.161	-	-	0.11	0.744	0.864
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	633334	3500.01	15.41	16.00	1.146	-	-	0.07	0.475	0.544
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI1	633334	3500.01	15.38	16.00	1.153	-	-	-0.03	0.465	0.536
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI1	633334	3500.01	17.96	19.00	1.271	50	1.000	-0.08	0.718	0.912
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	656000	3840	20.66	22.00	1.361	-	-	-0.04	0.416	0.566
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	656000	3840	20.64	22.00	1.368	-	-	-0.08	0.395	0.540
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	656000	3840	20.66	22.00	1.361	-	-	0.17	0.134	0.182
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	656000	3840	20.64	22.00	1.368	-	-	0.18	0.137	0.187
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	656000	3840	20.66	22.00	1.361	-	-	-0.04	0.556	0.757
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	656000	3840	20.64	22.00	1.368	-	-	-0.08	0.446	0.610
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	656000	3840	20.66	22.00	1.361	-	-	-0.13	0.086	0.117
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	656000	3840	20.64	22.00	1.368	-	-	-0.13	0.084	0.115
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	656000	3840	23.67	25.00	1.358	50	1.000	0.06	0.564	0.766
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	633334	3500.01	20.58	22.00	1.387	-	-	-0.03	0.297	0.412
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DSI1	633334	3500.01	20.54	22.00	1.400	-	-	0.08	0.366	0.512
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	633334	3500.01	20.58	22.00	1.387	-	-	-0.07	0.163	0.226
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DSI1	633334	3500.01	20.54	22.00	1.400	-	-	0.05	0.192	0.269
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	633334	3500.01	20.58	22.00	1.387	-	-	-0.11	0.396	0.549
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	633334	3500.01	20.54	22.00	1.400	-	-	-0.12	0.475	0.665
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	633334	3500.01	20.58	22.00	1.387	-	-	0.03	0.100	0.139
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DSI1	633334	3500.01	20.54	22.00	1.400	-	-	-0.16	0.127	0.178
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DSI1	633334	3500.01	23.73	25.00	1.340	50	1.000	-0.02	0.458	0.614
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	656000	3840	19.41	20.50	1.285	-	-	0.15	0.157	0.202
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	656000	3840	19.32	20.50	1.312	-	-	-0.09	0.157	0.206
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	656000	3840	19.41	20.50	1.285	-	-	0.11	0.044	0.057
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	656000	3840	19.32	20.50	1.312	-	-	-0.05	0.046	0.060
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	19.41	20.50	1.285	-	-	-0.08	0.437	0.562
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	19.32	20.50	1.312	-	-	0.16	0.657	0.862
	FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	19.32	20.50	1.312	-	-	0.05	0.645	0.846
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	656000	3840	19.41	20.50	1.285	-	-	0.05	0.074	0.095
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	656000	3840	19.32	20.50	1.312	-	-	-0.03	0.071	0.093
	FR1 n77 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	22.73	23.50	1.194	50	1.000	-0.15	0.651	0.777
	FR1 n77 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	17.07	17.50	1.104	-	-	0.02	0.546	0.603
	FR1 n77 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	656000	3840	20.15	20.50	1.084	50	1.000	0.07	0.533	0.578
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.03	20.50	1.403	-	-	-0.13	0.312	0.438
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.01	20.50	1.409	-	-	0.12	0.238	0.335
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.03	20.50	1.403	-	-	0.17	0.066	0.093
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.01	20.50	1.409	-	-	-0.16	0.049	0.069
27	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.03	20.50	1.403	-	-	-0.08	0.780	1.094
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.01	20.50	1.409	-	-	0.11	0.565	0.796
	FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	18.95	20.50	1.429	-	-	-0.05	0.622	0.889
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.03	20.50	1.403	-	-	-0.01	0.096	0.135
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.01	20.50	1.409	-	-	-0.14	0.068	0.096
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	22.12	23.50	1.374	50	1.000	-0.15	0.753	1.035
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	15.65	17.50	1.531	-	-	-0.12	0.234	0.358
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	18.59	20.50	1.552	50	1.000	-0.17	0.221	0.343
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	656000	3840	16.49	18.00	1.416	-	-	-0.03	0.734	1.039
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	656000	3840	16.45	18.00	1.429	-	-	0.02	0.757	1.082
	FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	656000	3840	16.43	18.00	1.435	-	-	-0.01	0.749	1.075
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	656000	3840	16.49	18.00	1.416	-	-	0.02	0.663	0.939
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	656000	3840	16.45	18.00	1.429	-	-	-0.03	0.547	0.782
	FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	656000	3840	16.43	18.00	1.435	-	-	0	0.575	0.825
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	656000	3840	16.49	18.00	1.416	-	-	-0.1	0.187	0.265
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	656000	3840	16.45	18.00	1.429	-	-	0.05	0.208	0.297
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	656000	3840	16.49	18.00	1.416	-	-	0	0.249	0.353



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FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DS11	656000	3840	16.45	18.00	1.429	-	-	0.07	0.235	0.336
FR1 n77 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	656000	3840	19.05	21.00	1.567	50	1.000	0.15	0.663	1.039
FR1 n77 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	656000	3840	13.45	14.50	1.274	-	-	-0.05	0.424	0.540
FR1 n77 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	656000	3840	16.71	17.50	1.199	50	1.000	-0.08	0.405	0.486
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	633334	3500.01	16.34	18.00	1.466	-	-	0.16	0.439	0.643
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	633334	3500.01	16.33	18.00	1.469	-	-	0.13	0.389	0.571
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DS11	633334	3500.01	16.34	18.00	1.466	-	-	-0.18	0.415	0.608
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DS11	633334	3500.01	16.33	18.00	1.469	-	-	0.02	0.328	0.482
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DS11	633334	3500.01	16.34	18.00	1.466	-	-	0.16	0.322	0.472
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DS11	633334	3500.01	16.33	18.00	1.469	-	-	-0.03	0.242	0.355
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DS11	633334	3500.01	16.34	18.00	1.466	-	-	0.07	0.381	0.558
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DS11	633334	3500.01	16.33	18.00	1.469	-	-	0	0.311	0.457
FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	633334	3500.01	19.55	21.00	1.396	50	1.000	0.01	0.420	0.586
FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	633334	3500.01	13.07	14.50	1.390	-	-	-0.01	0.300	0.417
FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DS11	633334	3500.01	16.19	17.50	1.352	50	1.000	-0.06	0.278	0.376
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DS11	650000	3750	14.75	15.50	1.189	-	-	-0.04	0.180	0.214
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DS11	650000	3750	14.71	15.50	1.199	-	-	-0.09	0.190	0.228
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DS11	650000	3750	14.75	15.50	1.189	-	-	-0.17	0.175	0.208
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DS11	650000	3750	14.71	15.50	1.199	-	-	-0.1	0.162	0.194
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	650000	3750	14.75	15.50	1.189	-	-	0.18	0.554	0.658
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	650000	3750	14.71	15.50	1.199	-	-	-0.17	0.488	0.585
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DS11	650000	3750	14.75	15.50	1.189	-	-	-0.05	0.478	0.568
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DS11	650000	3750	14.71	15.50	1.199	-	-	0	0.376	0.451
FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	650000	3750	17.39	18.50	1.291	50	1.000	-0.01	0.515	0.665
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DS11	633334	3500.01	14.77	15.50	1.183	-	-	0.08	0.118	0.140
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DS11	633334	3500.01	14.76	15.50	1.186	-	-	0.01	0.112	0.133
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DS11	633334	3500.01	14.77	15.50	1.183	-	-	0.03	0.116	0.137
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DS11	633334	3500.01	14.76	15.50	1.186	-	-	-0.08	0.109	0.129
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	633334	3500.01	14.77	15.50	1.183	-	-	-0.02	0.763	0.903
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	633334	3500.01	14.76	15.50	1.186	-	-	0.1	0.548	0.650
FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	633334	3500.01	14.68	15.50	1.208	-	-	-0.18	0.681	0.823
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DS11	633334	3500.01	14.77	15.50	1.183	-	-	0.1	0.487	0.576
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DS11	633334	3500.01	14.76	15.50	1.186	-	-	0.12	0.445	0.528
FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DS11	633334	3500.01	17.49	18.50	1.262	50	1.000	-0.17	0.711	0.897
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DS11	650000	3750	21.08	22.50	1.387	-	-	-0.18	0.509	0.706
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DS11	650000	3750	21.01	22.50	1.409	-	-	-0.11	0.534	0.753
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DS11	650000	3750	21.08	22.50	1.387	-	-	-0.15	0.155	0.215
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DS11	650000	3750	21.01	22.50	1.409	-	-	-0.06	0.147	0.207
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	650000	3750	21.08	22.50	1.387	-	-	-0.14	0.659	0.914
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	650000	3750	21.01	22.50	1.409	-	-	-0.19	0.523	0.737
FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	650000	3750	20.90	22.50	1.445	-	-	-0.07	0.663	0.958
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DS11	650000	3750	21.08	22.50	1.387	-	-	0.06	0.121	0.168
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DS11	650000	3750	21.01	22.50	1.409	-	-	0.02	0.111	0.156
FR1 n78 PC2	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	650000	3750	23.82	25.50	1.472	50	1.000	0.12	0.597	0.879
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DS11	633334	3500.01	21.18	22.50	1.355	-	-	-0.16	0.399	0.541
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6	DS11	633334	3500.01	21.08	22.50	1.387	-	-	-0.12	0.499	0.692
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DS11	633334	3500.01	21.18	22.50	1.355	-	-	0.07	0.196	0.266
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 6	DS11	633334	3500.01	21.08	22.50	1.387	-	-	-0.02	0.263	0.365
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	633334	3500.01	21.18	22.50	1.355	-	-	-0.05	0.478	0.648
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	633334	3500.01	21.08	22.50	1.387	-	-	-0.13	0.557	0.772
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DS11	633334	3500.01	21.18	22.50	1.355	-	-	0.08	0.131	0.178
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6	DS11	633334	3500.01	21.08	22.50	1.387	-	-	0.16	0.173	0.240
FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	DS11	633334	3500.01	24.03	25.50	1.403	50	1.000	0.01	0.546	0.766
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DS11	650000	3750	19.61	20.50	1.227	-	-	0.02	0.207	0.254
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DS11	650000	3750	19.58	20.50	1.236	-	-	-0.13	0.155	0.192



FCC SAR Test Report

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FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	650000	3750	19.61	20.50	1.227	-	-	0.17	0.047	0.058
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	650000	3750	19.58	20.50	1.236	-	-	0.06	0.041	0.051
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	650000	3750	19.61	20.50	1.227	-	-	0	0.524	0.643
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	650000	3750	19.58	20.50	1.236	-	-	-0.04	0.610	0.754
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	650000	3750	19.61	20.50	1.227	-	-	0.11	0.071	0.087
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	650000	3750	19.58	20.50	1.236	-	-	-0.02	0.077	0.095
FR1 n78 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	650000	3750	22.62	23.50	1.225	50	1.000	0.1	0.634	0.776
FR1 n78 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	650000	3750	16.11	17.50	1.377	-	-	0.04	0.233	0.321
FR1 n78 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	650000	3750	19.23	20.50	1.340	50	1.000	0.13	0.223	0.299
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.82	20.50	1.169	-	-	0.08	0.240	0.281
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.80	20.50	1.175	-	-	0.01	0.190	0.223
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.82	20.50	1.169	-	-	0.02	0.064	0.075
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.80	20.50	1.175	-	-	-0.11	0.047	0.055
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.82	20.50	1.169	-	-	-0.01	0.776	0.908
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.80	20.50	1.175	-	-	0.09	0.595	0.699
FR1 n78 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	19.75	20.50	1.189	-	-	0.1	0.621	0.738
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.82	20.50	1.169	-	-	-0.04	0.091	0.106
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI1	633334	3500.01	19.80	20.50	1.175	-	-	0.15	0.069	0.081
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	22.99	23.50	1.125	50	1.000	0.05	0.879	0.989
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	15.88	17.50	1.452	-	-	-0.16	0.254	0.369
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI1	633334	3500.01	18.95	20.50	1.429	50	1.000	0.05	0.248	0.354
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	16.42	18.00	1.439	-	-	-0.08	0.682	0.981
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	16.38	18.00	1.452	-	-	-0.05	0.722	1.048
FR1 n78 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	16.30	18.00	1.479	-	-	0.01	0.682	1.009
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	650000	3750	16.42	18.00	1.439	-	-	-0.11	0.583	0.839
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	650000	3750	16.38	18.00	1.452	-	-	0.03	0.624	0.906
FR1 n78 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	650000	3750	16.30	18.00	1.479	-	-	-0.05	0.641	0.948
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	650000	3750	16.42	18.00	1.439	-	-	0.14	0.208	0.299
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	650000	3750	16.38	18.00	1.452	-	-	-0.01	0.189	0.274
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	650000	3750	16.42	18.00	1.439	-	-	-0.12	0.263	0.378
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	650000	3750	16.38	18.00	1.452	-	-	0.07	0.255	0.370
FR1 n78 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	19.35	21.00	1.462	50	1.000	0.09	0.709	1.037
FR1 n78 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	13.42	14.50	1.282	-	-	0.04	0.548	0.703
FR1 n78 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	650000	3750	16.41	17.50	1.285	50	1.000	0.11	0.552	0.709
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	633334	3500.01	16.39	18.00	1.449	-	-	-0.16	0.465	0.674
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	633334	3500.01	16.36	18.00	1.459	-	-	0.1	0.418	0.610
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	633334	3500.01	16.39	18.00	1.449	-	-	-0.01	0.409	0.593
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 8	DSI1	633334	3500.01	16.36	18.00	1.459	-	-	0	0.364	0.531
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	633334	3500.01	16.39	18.00	1.449	-	-	-0.06	0.261	0.378
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI1	633334	3500.01	16.36	18.00	1.459	-	-	-0.15	0.215	0.314
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	633334	3500.01	16.39	18.00	1.449	-	-	0.03	0.341	0.494
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 8	DSI1	633334	3500.01	16.36	18.00	1.459	-	-	-0.13	0.275	0.401
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	633334	3500.01	20.39	21.00	1.151	50	1.000	0.16	0.538	0.619
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	633334	3500.01	12.88	14.50	1.452	-	-	-0.15	0.368	0.534
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 8	DSI1	633334	3500.01	15.96	17.50	1.426	50	1.000	-0.02	0.356	0.508



FCC SAR Test Report

Report No. : FA440220

Plot No.	Band	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)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.09	0.854	0.976
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	-0.09	0.260	0.297
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	-0.08	0.201	0.230
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.13	0.142	0.162
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 9+10	Full power	6	2437	21.86	22.50	1.160	100	1.000	0.12	0.769	0.892
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.06	0.384	0.595
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.07	0.260	0.403
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.18	0.153	0.237
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.1	0.196	0.304
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.09	0.241	0.354
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.03	0.095	0.140
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.18	0.065	0.096
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.16	0.057	0.084
5000MHz																
28	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	42	5210	17.65	18.50	1.216	100	1.000	-0.07	0.851	1.035
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 8+10	Receiver on	42	5210	17.65	18.50	1.216	100	1.000	0.01	0.674	0.820
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 8+10	Receiver on	42	5210	17.65	18.50	1.216	100	1.000	-0.15	0.458	0.557
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 8+10	Receiver on	42	5210	17.65	18.50	1.216	100	1.000	0.19	0.431	0.524
29	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	106	5530	17.18	18.00	1.208	100	1.000	-0.04	0.880	1.063
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	122	5610	17.12	18.00	1.225	100	1.000	0.07	0.808	0.989
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 8+10	Receiver on	106	5530	17.18	18.00	1.208	100	1.000	-0.18	0.727	0.878
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 8+10	Receiver on	122	5610	17.12	18.00	1.225	100	1.000	0.03	0.732	0.896
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 8+10	Receiver on	106	5530	17.18	18.00	1.208	100	1.000	-0.15	0.448	0.541
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 8+10	Receiver on	106	5530	17.18	18.00	1.208	100	1.000	0.11	0.443	0.535
30	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	155	5775	17.15	18.00	1.216	100	1.000	-0.01	0.822	1.000
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 8+10	Receiver on	155	5775	17.15	18.00	1.216	100	1.000	-0.17	0.577	0.702
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 8+10	Receiver on	155	5775	17.15	18.00	1.216	100	1.000	-0.08	0.276	0.336
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 8+10	Receiver on	155	5775	17.15	18.00	1.216	100	1.000	-0.04	0.240	0.292



16.2 Hotspot SAR

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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)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	23095	707.5	20.65	21.50	1.216	-	-	0.08	0.166	0.202
	LTE Band 12	10M	QPSK	25	0	-	Front	10mm	Ant 1	DSI8	23095	707.5	20.61	21.50	1.227	-	-	0.01	0.164	0.201
	LTE Band 12	10M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	23095	707.5	20.65	21.50	1.216	-	-	0.03	0.153	0.186
	LTE Band 12	10M	QPSK	25	0	-	Back	10mm	Ant 1	DSI8	23095	707.5	20.61	21.50	1.227	-	-	-0.08	0.154	0.189
	LTE Band 12	10M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	23095	707.5	20.65	21.50	1.216	-	-	-0.08	0.302	0.367
	LTE Band 12	10M	QPSK	25	0	-	Left Side	10mm	Ant 1	DSI8	23095	707.5	20.61	21.50	1.227	-	-	0.08	0.305	0.374
	LTE Band 12	10M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	23095	707.5	20.65	21.50	1.216	-	-	0.1	0.000	0.000
	LTE Band 12	10M	QPSK	25	0	-	Top Side	10mm	Ant 1	DSI8	23095	707.5	20.61	21.50	1.227	-	-	-0.18	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	23095	707.5	24.83	25.70	1.222	-	-	0.1	0.124	0.152
	LTE Band 12	10M	QPSK	25	0	-	Front	10mm	Ant 0	DSI8	23095	707.5	24.05	24.70	1.161	-	-	0.12	0.098	0.114
	LTE Band 12	10M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	23095	707.5	24.83	25.70	1.222	-	-	0.08	0.219	0.268
	LTE Band 12	10M	QPSK	25	0	-	Back	10mm	Ant 0	DSI8	23095	707.5	24.05	24.70	1.161	-	-	-0.17	0.169	0.196
	LTE Band 12	10M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	23095	707.5	24.83	25.70	1.222	-	-	-0.03	0.000	0.000
	LTE Band 12	10M	QPSK	25	0	-	Left Side	10mm	Ant 0	DSI8	23095	707.5	24.05	24.70	1.161	-	-	0.14	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	23095	707.5	24.83	25.70	1.222	-	-	0.11	0.137	0.167
	LTE Band 12	10M	QPSK	25	0	-	Right Side	10mm	Ant 0	DSI8	23095	707.5	24.05	24.70	1.161	-	-	-0.05	0.113	0.131
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	23095	707.5	24.83	25.70	1.222	-	-	0.18	0.148	0.181
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	10mm	Ant 0	DSI8	23095	707.5	24.05	24.70	1.161	-	-	0.14	0.104	0.121
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	141500	707.5	21.60	22.20	1.148	-	-	-0.18	0.220	0.253
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	141500	707.5	21.57	22.20	1.156	-	-	0.03	0.245	0.283
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	141500	707.5	21.60	22.20	1.148	-	-	-0.15	0.207	0.238
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	141500	707.5	21.57	22.20	1.156	-	-	-0.15	0.234	0.271
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	141500	707.5	21.60	22.20	1.148	-	-	0.11	0.390	0.448
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	141500	707.5	21.57	22.20	1.156	-	-	0.02	0.418	0.483
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	141500	707.5	21.60	22.20	1.148	-	-	-0.17	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	141500	707.5	21.57	22.20	1.156	-	-	-0.08	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	141500	707.5	25.17	25.70	1.130	-	-	0.18	0.097	0.110
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	141500	707.5	25.10	25.70	1.148	-	-	0.16	0.122	0.140
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	141500	707.5	25.17	25.70	1.130	-	-	-0.1	0.153	0.173
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	141500	707.5	25.10	25.70	1.148	-	-	0.07	0.202	0.232
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	141500	707.5	25.17	25.70	1.130	-	-	0.18	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	141500	707.5	25.10	25.70	1.148	-	-	-0.1	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	141500	707.5	25.17	25.70	1.130	-	-	0.01	0.098	0.111
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	141500	707.5	25.10	25.70	1.148	-	-	-0.15	0.125	0.144
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	141500	707.5	25.17	25.70	1.130	-	-	0.19	0.136	0.154
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	141500	707.5	25.10	25.70	1.148	-	-	0.07	0.125	0.144
835MHz																				
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 1	DSI8	189	836.4	22.44	23.50	1.276	-	-	-0.18	0.159	0.203
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI8	189	836.4	22.44	23.50	1.276	-	-	0.1	0.167	0.213
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 1	DSI8	189	836.4	22.44	23.50	1.276	-	-	-0.04	0.258	0.329
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	10mm	Ant 1	DSI8	189	836.4	22.44	23.50	1.276	-	-	0.12	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 0	DSI8	189	836.4	27.15	28.50	1.365	-	-	-0.17	0.159	0.217
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 0	DSI8	189	836.4	27.15	28.50	1.365	-	-	0.02	0.316	0.431
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 0	DSI8	189	836.4	27.15	28.50	1.365	-	-	-0.03	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Side	10mm	Ant 0	DSI8	189	836.4	27.15	28.50	1.365	-	-	0.14	0.083	0.113
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 0	DSI8	189	836.4	27.15	28.50	1.365	-	-	0.11	0.200	0.273
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	DSI8	4182	836.4	19.44	20.50	1.276	-	-	0.07	0.245	0.313
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI8	4182	836.4	19.44	20.50	1.276	-	-	0	0.218	0.278
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	DSI8	4182	836.4	19.44	20.50	1.276	-	-	0.05	0.346	0.442



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	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 1	DSi8	4182	836.4	19.44	20.50	1.276	-	-	0.01	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSi8	4182	836.4	24.95	25.70	1.189	-	-	-0.08	0.198	0.235
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSi8	4182	836.4	24.95	25.70	1.189	-	-	0.06	0.367	0.436
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSi8	4182	836.4	24.95	25.70	1.189	-	-	0.13	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 0	DSi8	4182	836.4	24.95	25.70	1.189	-	-	0.12	0.111	0.132
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DSi8	4182	836.4	24.95	25.70	1.189	-	-	0.03	0.202	0.240
	LTE Band 26	15M	QPSK	1	0	-	Front	10mm	Ant 1	DSi8	26865	831.5	20.65	21.50	1.216	-	-	0.06	0.269	0.327
	LTE Band 26	15M	QPSK	36	0	-	Front	10mm	Ant 1	DSi8	26865	831.5	20.61	21.50	1.227	-	-	-0.09	0.259	0.318
	LTE Band 26	15M	QPSK	1	0	-	Back	10mm	Ant 1	DSi8	26865	831.5	20.65	21.50	1.216	-	-	-0.08	0.249	0.303
	LTE Band 26	15M	QPSK	36	0	-	Back	10mm	Ant 1	DSi8	26865	831.5	20.61	21.50	1.227	-	-	0.13	0.247	0.303
	LTE Band 26	15M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSi8	26865	831.5	20.65	21.50	1.216	-	-	0.12	0.359	0.437
	LTE Band 26	15M	QPSK	36	0	-	Left Side	10mm	Ant 1	DSi8	26865	831.5	20.61	21.50	1.227	-	-	0.07	0.370	0.454
	LTE Band 26	15M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSi8	26865	831.5	20.65	21.50	1.216	-	-	0.03	0.000	0.000
	LTE Band 26	15M	QPSK	36	0	-	Top Side	10mm	Ant 1	DSi8	26865	831.5	20.61	21.50	1.227	-	-	0.18	0.000	0.000
	LTE Band 26	15M	QPSK	1	0	-	Front	10mm	Ant 0	DSi8	26865	831.5	24.84	25.70	1.219	-	-	-0.17	0.189	0.230
	LTE Band 26	15M	QPSK	36	0	-	Front	10mm	Ant 0	DSi8	26865	831.5	23.91	24.70	1.199	-	-	0.17	0.157	0.188
	LTE Band 26	15M	QPSK	1	0	-	Back	10mm	Ant 0	DSi8	26865	831.5	24.84	25.70	1.219	-	-	-0.05	0.348	0.424
	LTE Band 26	15M	QPSK	36	0	-	Back	10mm	Ant 0	DSi8	26865	831.5	23.91	24.70	1.199	-	-	0.01	0.299	0.359
	LTE Band 26	15M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSi8	26865	831.5	24.84	25.70	1.219	-	-	0.1	0.000	0.000
	LTE Band 26	15M	QPSK	36	0	-	Left Side	10mm	Ant 0	DSi8	26865	831.5	23.91	24.70	1.199	-	-	-0.17	0.000	0.000
	LTE Band 26	15M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSi8	26865	831.5	24.84	25.70	1.219	-	-	0.04	0.110	0.134
	LTE Band 26	15M	QPSK	36	0	-	Right Side	10mm	Ant 0	DSi8	26865	831.5	23.91	24.70	1.199	-	-	-0.01	0.089	0.107
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSi8	26865	831.5	24.84	25.70	1.219	-	-	-0.08	0.204	0.249
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	10mm	Ant 0	DSi8	26865	831.5	23.91	24.70	1.199	-	-	0.05	0.171	0.205
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 1	DSi8	166300	831.5	20.42	20.70	1.067	-	-	-0.04	0.209	0.223
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 1	DSi8	166300	831.5	20.39	20.70	1.074	-	-	-0.04	0.223	0.239
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 1	DSi8	166300	831.5	20.42	20.70	1.067	-	-	-0.08	0.189	0.202
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 1	DSi8	166300	831.5	20.39	20.70	1.074	-	-	0.17	0.221	0.237
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSi8	166300	831.5	20.42	20.70	1.067	-	-	0.18	0.286	0.305
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSi8	166300	831.5	20.39	20.70	1.074	-	-	0.05	0.326	0.350
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSi8	166300	831.5	20.42	20.70	1.067	-	-	-0.08	0.000	0.000
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSi8	166300	831.5	20.39	20.70	1.074	-	-	-0.13	0.000	0.000
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 0	DSi8	166300	831.5	25.44	25.70	1.062	-	-	-0.03	0.198	0.210
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 0	DSi8	166300	831.5	25.37	25.70	1.079	-	-	0.08	0.227	0.245
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 0	DSi8	166300	831.5	25.44	25.70	1.062	-	-	-0.07	0.356	0.378
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 0	DSi8	166300	831.5	25.37	25.70	1.079	-	-	0.03	0.375	0.405
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSi8	166300	831.5	25.44	25.70	1.062	-	-	0.05	0.000	0.000
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSi8	166300	831.5	25.37	25.70	1.079	-	-	-0.11	0.000	0.000
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSi8	166300	831.5	25.44	25.70	1.062	-	-	-0.12	0.106	0.113
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSi8	166300	831.5	25.37	25.70	1.079	-	-	0.03	0.103	0.111
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSi8	166300	831.5	25.44	25.70	1.062	-	-	-0.16	0.216	0.229
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSi8	166300	831.5	25.37	25.70	1.079	-	-	-0.02	0.216	0.233
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSi8	1413	1732.6	16.17	17.00	1.211	-	-	-0.05	0.088	0.107
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSi8	1413	1732.6	16.17	17.00	1.211	-	-	0.18	0.090	0.109
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 5	DSi8	1413	1732.6	16.17	17.00	1.211	-	-	0.14	0.050	0.061
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 5	DSi8	1413	1732.6	16.17	17.00	1.211	-	-	0.17	0.214	0.259
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 6	DSi8	1413	1732.6	17.93	19.50	1.435	-	-	-0.05	0.149	0.214
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 6	DSi8	1413	1732.6	17.93	19.50	1.435	-	-	0.01	0.130	0.187
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 6	DSi8	1413	1732.6	17.93	19.50	1.435	-	-	0.01	0.248	0.356
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 6	DSi8	1413	1732.6	17.93	19.50	1.435	-	-	0.1	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 0	DSi8	1413	1732.6	20.22	21.80	1.439	-	-	0.04	0.222	0.319
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 0	DSi8	1413	1732.6	20.22	21.80	1.439	-	-	-0.01	0.332	0.478
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 0	DSi8	1413	1732.6	20.22	21.80	1.439	-	-	-0.08	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 0	DSi8	1413	1732.6	20.22	21.80	1.439	-	-	0.05	0.065	0.094
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DSi8	1413	1732.6	20.22	21.80	1.439	-	-	0.04	0.488	0.702



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	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	DSI8	1413	1732.6	18.41	20.00	1.442	-	-	-0.09	0.116	0.167
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI8	1413	1732.6	18.41	20.00	1.442	-	-	-0.08	0.101	0.146
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	DSI8	1413	1732.6	18.41	20.00	1.442	-	-	0.07	0.259	0.374
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 1	DSI8	1413	1732.6	18.41	20.00	1.442	-	-	0.13	0.000	0.000
	LTE Band 4	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	20175	1732.5	17.33	18.20	1.222	-	-	0.16	0.090	0.110
	LTE Band 4	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	20175	1732.5	17.29	18.20	1.233	-	-	-0.1	0.091	0.112
	LTE Band 4	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	20175	1732.5	17.33	18.20	1.222	-	-	0.07	0.090	0.110
	LTE Band 4	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	20175	1732.5	17.29	18.20	1.233	-	-	0.18	0.090	0.111
	LTE Band 4	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	20175	1732.5	17.33	18.20	1.222	-	-	-0.1	0.057	0.070
	LTE Band 4	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	20175	1732.5	17.29	18.20	1.233	-	-	0.01	0.053	0.065
	LTE Band 4	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	20175	1732.5	17.33	18.20	1.222	-	-	0.07	0.186	0.227
	LTE Band 4	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	20175	1732.5	17.29	18.20	1.233	-	-	0.05	0.189	0.233
	LTE Band 4	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	20175	1732.5	18.07	19.70	1.455	-	-	0.08	0.176	0.256
	LTE Band 4	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	20175	1732.5	17.99	19.70	1.483	-	-	0.01	0.175	0.259
	LTE Band 4	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	20175	1732.5	18.07	19.70	1.455	-	-	0.03	0.153	0.223
	LTE Band 4	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	20175	1732.5	17.99	19.70	1.483	-	-	-0.08	0.157	0.233
	LTE Band 4	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	20175	1732.5	18.07	19.70	1.455	-	-	0.09	0.356	0.518
	LTE Band 4	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	20175	1732.5	17.99	19.70	1.483	-	-	-0.08	0.346	0.513
	LTE Band 4	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	20175	1732.5	18.07	19.70	1.455	-	-	0.1	0.000	0.000
	LTE Band 4	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	20175	1732.5	17.99	19.70	1.483	-	-	-0.18	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	20175	1732.5	18.21	18.70	1.119	-	-	0.12	0.140	0.157
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 0	DSI8	20175	1732.5	18.18	18.70	1.127	-	-	0.03	0.146	0.165
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	20175	1732.5	18.21	18.70	1.119	-	-	0.18	0.198	0.222
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 0	DSI8	20175	1732.5	18.18	18.70	1.127	-	-	0.16	0.205	0.231
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	20175	1732.5	18.21	18.70	1.119	-	-	-0.1	0.022	0.025
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI8	20175	1732.5	18.18	18.70	1.127	-	-	0.07	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	20175	1732.5	18.21	18.70	1.119	-	-	0.18	0.042	0.047
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 0	DSI8	20175	1732.5	18.18	18.70	1.127	-	-	-0.1	0.039	0.044
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	20175	1732.5	18.21	18.70	1.119	-	-	0.01	0.331	0.371
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	20175	1732.5	18.18	18.70	1.127	-	-	0.03	0.333	0.375
	LTE Band 4 Main PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	20175	1732.5	15.95	17.00	1.274	-	-	0.01	0.027	0.035
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	20175	1732.5	17.95	18.70	1.189	-	-	0.19	0.110	0.131
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	20175	1732.5	17.89	18.70	1.205	-	-	0.07	0.107	0.129
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	20175	1732.5	17.95	18.70	1.189	-	-	-0.18	0.105	0.125
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	20175	1732.5	17.89	18.70	1.205	-	-	0.03	0.105	0.127
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	20175	1732.5	17.95	18.70	1.189	-	-	-0.15	0.218	0.259
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	20175	1732.5	17.89	18.70	1.205	-	-	-0.08	0.223	0.269
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	20175	1732.5	17.95	18.70	1.189	-	-	-0.15	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	20175	1732.5	17.89	18.70	1.205	-	-	0.11	0.000	0.000
	LTE Band 4 Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	20175	1732.5	15.55	17.00	1.396	-	-	-0.08	0.191	0.267
	LTE Band 66	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	132322	1745	16.93	17.70	1.194	-	-	-0.18	0.098	0.117
	LTE Band 66	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	132322	1745	16.88	17.70	1.208	-	-	0.03	0.099	0.120
	LTE Band 66	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	132322	1745	16.93	17.70	1.194	-	-	-0.15	0.100	0.119
	LTE Band 66	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	132322	1745	16.88	17.70	1.208	-	-	-0.15	0.099	0.120
	LTE Band 66	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	132322	1745	16.93	17.70	1.194	-	-	0.11	0.059	0.070
	LTE Band 66	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	132322	1745	16.88	17.70	1.208	-	-	-0.08	0.058	0.070
	LTE Band 66	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	132322	1745	16.93	17.70	1.194	-	-	-0.04	0.188	0.224
	LTE Band 66	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	132322	1745	16.88	17.70	1.208	-	-	0.01	0.260	0.314
	LTE Band 66	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	132322	1745	18.57	20.20	1.455	-	-	0.08	0.197	0.287
	LTE Band 66	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	132322	1745	18.42	20.20	1.507	-	-	0.01	0.192	0.289



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	LTE Band 66	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	132322	1745	18.57	20.20	1.455	-	-	0.03	0.167	0.243
	LTE Band 66	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	132322	1745	18.42	20.20	1.507	-	-	-0.08	0.164	0.247
	LTE Band 66	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	132322	1745	18.57	20.20	1.455	-	-	0.04	0.355	0.517
	LTE Band 66	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	132322	1745	18.42	20.20	1.507	-	-	-0.08	0.341	0.514
	LTE Band 66	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	132322	1745	18.57	20.20	1.455	-	-	0.1	0.000	0.000
	LTE Band 66	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	132322	1745	18.42	20.20	1.507	-	-	-0.18	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	132322	1745	18.83	19.20	1.089	-	-	0.08	0.195	0.212
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 0	DSI8	132322	1745	18.81	19.20	1.094	-	-	0.01	0.200	0.219
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	132322	1745	18.83	19.20	1.089	-	-	0.03	0.286	0.311
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 0	DSI8	132322	1745	18.81	19.20	1.094	-	-	-0.08	0.273	0.299
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	132322	1745	18.83	19.20	1.089	-	-	-0.08	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI8	132322	1745	18.81	19.20	1.094	-	-	0.1	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	132322	1745	18.83	19.20	1.089	-	-	-0.18	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 0	DSI8	132322	1745	18.81	19.20	1.094	-	-	0.1	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	132322	1745	18.83	19.20	1.089	-	-	0.03	0.451	0.491
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	132322	1745	18.81	19.20	1.094	-	-	0.12	0.447	0.489
	LTE Band 66 Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	132322	1745	16.09	17.50	1.384	-	-	0.02	0.217	0.300
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	132322	1745	17.53	17.70	1.040	-	-	0.08	0.104	0.108
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	132322	1745	17.43	17.70	1.064	-	-	-0.17	0.104	0.111
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	132322	1745	17.53	17.70	1.040	-	-	-0.03	0.097	0.101
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	132322	1745	17.43	17.70	1.064	-	-	0.14	0.095	0.101
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	132322	1745	17.53	17.70	1.040	-	-	0.11	0.204	0.212
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	132322	1745	17.43	17.70	1.064	-	-	0.06	0.207	0.220
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	132322	1745	17.53	17.70	1.040	-	-	-0.05	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	132322	1745	17.43	17.70	1.064	-	-	0.18	0.000	0.000
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	132322	1745	14.05	15.70	1.462	-	-	0.04	0.166	0.243
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	349000	1745	17.35	17.70	1.084	-	-	-0.03	0.134	0.145
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	349000	1745	17.33	17.70	1.089	-	-	0.07	0.141	0.154
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	349000	1745	17.35	17.70	1.084	-	-	0	0.125	0.135
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	349000	1745	17.33	17.70	1.089	-	-	0.01	0.132	0.144
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	349000	1745	17.35	17.70	1.084	-	-	-0.01	0.083	0.090
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	349000	1745	17.33	17.70	1.089	-	-	-0.06	0.082	0.089
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	349000	1745	17.35	17.70	1.084	-	-	0.08	0.282	0.306
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	349000	1745	17.33	17.70	1.089	-	-	-0.17	0.271	0.295
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	349000	1745	18.35	19.70	1.365	-	-	0.15	0.212	0.289
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	349000	1745	18.32	19.70	1.374	-	-	-0.09	0.197	0.271
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	349000	1745	18.35	19.70	1.365	-	-	0.11	0.194	0.265
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	349000	1745	18.32	19.70	1.374	-	-	-0.05	0.192	0.264
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	349000	1745	18.35	19.70	1.365	-	-	0.04	0.372	0.508
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	349000	1745	18.32	19.70	1.374	-	-	-0.08	0.361	0.496
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	349000	1745	18.35	19.70	1.365	-	-	0.16	0.011	0.015
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	349000	1745	18.32	19.70	1.374	-	-	0.05	0.000	0.000
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	349000	1745	21.38	21.70	1.076	-	-	-0.15	0.252	0.271
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	349000	1745	21.37	21.70	1.079	-	-	-0.02	0.312	0.337
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	349000	1745	21.38	21.70	1.076	-	-	-0.09	0.339	0.365
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	349000	1745	21.37	21.70	1.079	-	-	0.14	0.400	0.432
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	349000	1745	21.38	21.70	1.076	-	-	0.1	0.000	0.000
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	349000	1745	21.37	21.70	1.079	-	-	-0.09	0.000	0.000
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	349000	1745	21.38	21.70	1.076	-	-	0.07	0.072	0.078
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	349000	1745	21.37	21.70	1.079	-	-	-0.09	0.076	0.082



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FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	349000	1745	21.38	21.70	1.076	-	-	-0.16	0.617	0.664
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	349000	1745	21.37	21.70	1.079	-	-	0.09	0.760	0.820
FR1 n66 Other_PA	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	349000	1745	21.35	21.70	1.084	-	-	0.01	0.651	0.706
FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	349000	1745	18.73	20.20	1.403	-	-	-0.18	0.455	0.638
FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	349000	1745	19.25	19.70	1.109	-	-	0.05	0.130	0.144
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	349000	1745	19.22	19.70	1.117	-	-	-0.03	0.142	0.159
FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	349000	1745	19.25	19.70	1.109	-	-	-0.15	0.119	0.132
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	349000	1745	19.22	19.70	1.117	-	-	0.02	0.135	0.151
FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	349000	1745	19.25	19.70	1.109	-	-	0.07	0.295	0.327
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	349000	1745	19.22	19.70	1.117	-	-	0.05	0.321	0.359
FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 1	DSI8	349000	1745	19.25	19.70	1.109	-	-	0.13	0.000	0.000
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 1	DSI8	349000	1745	19.22	19.70	1.117	-	-	-0.18	0.000	0.000
FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	349000	1745	19.25	19.70	1.109	-	-	0.02	0.000	0.000
FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	349000	1745	19.22	19.70	1.117	-	-	0.16	0.000	0.000
FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	349000	1745	16.24	17.50	1.337	-	-	0.16	0.246	0.329
1900MHz																			
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 5	DSI8	661	1880	20.71	22.50	1.510	-	-	0.08	0.170	0.257
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 5	DSI8	661	1880	20.71	22.50	1.510	-	-	0.01	0.161	0.243
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 5	DSI8	661	1880	20.71	22.50	1.510	-	-	0.03	0.111	0.168
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	10mm	Ant 5	DSI8	661	1880	20.71	22.50	1.510	-	-	-0.04	0.456	0.689
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 6	DSI8	661	1880	23.66	24.50	1.213	-	-	0.1	0.168	0.204
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 6	DSI8	661	1880	23.66	24.50	1.213	-	-	-0.18	0.161	0.195
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	10mm	Ant 6	DSI8	661	1880	23.66	24.50	1.213	-	-	0.08	0.289	0.351
GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	10mm	Ant 6	DSI8	661	1880	23.66	24.50	1.213	-	-	0.1	0.000	0.000
WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 5	DSI8	9400	1880	17.20	18.00	1.202	-	-	0.1	0.134	0.161
WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 5	DSI8	9400	1880	17.20	18.00	1.202	-	-	-0.17	0.130	0.156
WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 5	DSI8	9400	1880	17.20	18.00	1.202	-	-	0.04	0.083	0.100
WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 5	DSI8	9400	1880	17.20	18.00	1.202	-	-	0.07	0.339	0.408
WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 6	DSI8	9400	1880	18.99	20.50	1.416	-	-	0.05	0.216	0.306
WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 6	DSI8	9400	1880	18.99	20.50	1.416	-	-	0.06	0.204	0.289
WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	10mm	Ant 6	DSI8	9400	1880	18.99	20.50	1.416	-	-	0.06	0.299	0.423
WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 6	DSI8	9400	1880	18.99	20.50	1.416	-	-	-0.09	0.036	0.051
LTE Band 2	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	18900	1880	17.00	18.00	1.259	-	-	-0.08	0.129	0.162
LTE Band 2	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	18900	1880	16.97	18.00	1.268	-	-	0.17	0.124	0.157
LTE Band 2	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	18900	1880	17.00	18.00	1.259	-	-	0.18	0.117	0.147
LTE Band 2	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	18900	1880	16.97	18.00	1.268	-	-	-0.04	0.113	0.143
LTE Band 2	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	18900	1880	17.00	18.00	1.259	-	-	-0.08	0.081	0.102
LTE Band 2	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	18900	1880	16.97	18.00	1.268	-	-	-0.13	0.079	0.100
LTE Band 2	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	18900	1880	17.00	18.00	1.259	-	-	-0.03	0.272	0.342
LTE Band 2	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	18900	1880	16.97	18.00	1.268	-	-	0.06	0.280	0.355
LTE Band 2	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	18900	1880	19.95	21.50	1.429	-	-	0.08	0.216	0.309
LTE Band 2	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	18900	1880	19.85	21.50	1.462	-	-	0.01	0.214	0.313
LTE Band 2	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	18900	1880	19.95	21.50	1.429	-	-	0.03	0.155	0.221
LTE Band 2	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	18900	1880	19.85	21.50	1.462	-	-	-0.08	0.155	0.227
LTE Band 2	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	18900	1880	19.95	21.50	1.429	-	-	0.06	0.374	0.534
LTE Band 2	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	18900	1880	19.85	21.50	1.462	-	-	-0.08	0.361	0.528
LTE Band 2	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	18900	1880	19.95	21.50	1.429	-	-	0.1	0.000	0.000
LTE Band 2	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	18900	1880	19.85	21.50	1.462	-	-	-0.18	0.000	0.000
FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	376000	1880	17.54	18.30	1.191	-	-	0.02	0.136	0.162
FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	376000	1880	17.51	18.30	1.199	-	-	0.16	0.131	0.157
FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	376000	1880	17.54	18.30	1.191	-	-	0.01	0.119	0.142
FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	376000	1880	17.51	18.30	1.199	-	-	-0.04	0.114	0.137
FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	376000	1880	17.54	18.30	1.191	-	-	0.13	0.080	0.095
FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	376000	1880	17.51	18.30	1.199	-	-	0.12	0.079	0.095
FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	376000	1880	17.54	18.30	1.191	-	-	0.07	0.345	0.411
FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	376000	1880	17.51	18.30	1.199	-	-	0.19	0.324	0.389



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	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	376000	1880	20.36	21.70	1.361	-	-	-0.06	0.280	0.381
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	376000	1880	20.32	21.70	1.374	-	-	0	0.245	0.337
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	376000	1880	20.36	21.70	1.361	-	-	-0.03	0.263	0.358
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	376000	1880	20.32	21.70	1.374	-	-	0.07	0.201	0.276
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	376000	1880	20.36	21.70	1.361	-	-	0.05	0.442	0.602
	FR1 n2	40M	QPSK	216	0	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	376000	1880	20.28	21.70	1.387	-	-	-0.12	0.405	0.562
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	376000	1880	20.36	21.70	1.361	-	-	-0.03	0.000	0.000
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	376000	1880	20.32	21.70	1.374	-	-	0.02	0.000	0.000
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	21100	2535	15.41	16.20	1.199	-	-	-0.03	0.170	0.204
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	21100	2535	15.39	16.20	1.205	-	-	0.08	0.174	0.210
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	21100	2535	15.41	16.20	1.199	-	-	-0.07	0.176	0.211
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	21100	2535	15.39	16.20	1.205	-	-	0.05	0.176	0.212
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	21100	2535	15.41	16.20	1.199	-	-	-0.11	0.084	0.101
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	21100	2535	15.39	16.20	1.205	-	-	-0.12	0.084	0.101
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	21100	2535	15.41	16.20	1.199	-	-	-0.02	0.294	0.353
	LTE Band 7C	20M	QPSK	1	99	-	Top Side	10mm	Ant 5	DSI8	21100+ 21298	2535+ 2554.8	15.35	16.20	1.216	-	-	0.05	0.227	0.276
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	21100	2535	15.39	16.20	1.205	-	-	0.08	0.292	0.352
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	21100	2535	18.46	20.20	1.493	-	-	0.08	0.205	0.306
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	21100	2535	18.42	20.20	1.507	-	-	0.01	0.208	0.313
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	21100	2535	18.46	20.20	1.493	-	-	0.03	0.189	0.282
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	21100	2535	18.42	20.20	1.507	-	-	-0.08	0.195	0.294
	LTE Band 7	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	21100	2535	18.46	20.20	1.493	-	-	0.08	0.453	0.676
	LTE Band 7C	20M	QPSK	1	99	-	Right Side	10mm	Ant 6	DSI8	21100+ 21298	2535+ 2554.8	18.31	20.20	1.545	-	-	0.06	0.421	0.651
	LTE Band 7	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	21100	2535	18.42	20.20	1.507	-	-	-0.08	0.444	0.669
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	21100	2535	18.46	20.20	1.493	-	-	0.1	0.048	0.072
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	21100	2535	18.42	20.20	1.507	-	-	-0.18	0.046	0.069
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	21100	2535	22.77	23.20	1.104	-	-	0.12	0.217	0.240
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 0	DSI8	21100	2535	22.69	23.20	1.125	-	-	0.08	0.213	0.240
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	21100	2535	22.77	23.20	1.104	-	-	-0.17	0.348	0.384
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 0	DSI8	21100	2535	22.69	23.20	1.125	-	-	-0.03	0.345	0.388
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	21100	2535	22.77	23.20	1.104	-	-	0.14	0.139	0.153
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI8	21100	2535	22.69	23.20	1.125	-	-	0.11	0.135	0.152
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	21100	2535	22.77	23.20	1.104	-	-	-0.05	0.049	0.054
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 0	DSI8	21100	2535	22.69	23.20	1.125	-	-	0.18	0.049	0.055
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	21100	2535	22.57	23.20	1.156	-	-	0.14	0.759	0.877
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	20850	2510	22.55	23.20	1.161	-	-	-0.08	0.787	0.914
	LTE Band 7C Other PA	20M	QPSK	1	99	-	Bottom Side	10mm	Ant 0	DSI8	20850+ 21048	2510+ 2529.8	22.35	23.20	1.216	-	-	0.09	0.719	0.874
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	21350	2560	22.53	23.20	1.167	-	-	-0.17	0.732	0.854
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	21100	2535	22.69	23.20	1.125	-	-	0.17	0.749	0.842
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	20850	2510	22.56	23.20	1.159	-	-	-0.05	0.764	0.885
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	21350	2560	22.50	23.20	1.175	-	-	0.01	0.737	0.866
	LTE Band 7 Other PA	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 0	DSI8	21100	2535	22.68	23.20	1.127	-	-	0.1	0.750	0.845
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	20850	2510	20.75	22.00	1.334	-	-	-0.17	0.652	0.869
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	21100	2535	19.09	19.70	1.151	-	-	0.04	0.109	0.125
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	21100	2535	19.03	19.70	1.167	-	-	-0.01	0.106	0.124
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	21100	2535	19.09	19.70	1.151	-	-	-0.08	0.104	0.120
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	21100	2535	19.03	19.70	1.167	-	-	0.05	0.104	0.121
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	21100	2535	19.09	19.70	1.151	-	-	0.06	0.225	0.259



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	LTE Band 7C Other PA	20M	QPSK	1	99	-	Left Side	10mm	Ant 1	DSI8	21100+ 21298	2535+ 2554.8	18.76	19.70	1.242	-	-	0.08	0.201	0.250
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	21100	2535	19.03	19.70	1.167	-	-	0.06	0.220	0.257
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	21100	2535	19.09	19.70	1.151	-	-	-0.09	0.000	0.000
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	21100	2535	19.03	19.70	1.167	-	-	-0.08	0.000	0.000
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	21100	2535	17.35	18.50	1.303	-	-	0.13	0.130	0.169
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	38000	2595	17.78	18.20	1.102	62.9	1.006	0.15	0.170	0.188
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	38000	2595	17.72	18.20	1.117	62.9	1.006	-0.09	0.181	0.203
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	38000	2595	17.78	18.20	1.102	62.9	1.006	0.11	0.184	0.204
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	38000	2595	17.72	18.20	1.117	62.9	1.006	-0.05	0.185	0.208
	LTE Band 38	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	38000	2595	17.78	18.20	1.102	62.9	1.006	-0.08	0.084	0.093
	LTE Band 38	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	38000	2595	17.72	18.20	1.117	62.9	1.006	0.16	0.084	0.094
	LTE Band 38	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	38000	2595	17.78	18.20	1.102	62.9	1.006	-0.03	0.365	0.404
	LTE Band 38C	20M	QPSK	1	99	-	Top Side	10mm	Ant 5	DSI8	37901+ 38099	2585.1+ 2604.9	17.35	18.20	1.216	62.9	1.006	0.05	0.321	0.393
	LTE Band 38	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	38000	2595	17.72	18.20	1.117	62.9	1.006	0.07	0.356	0.400
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	38000	2595	18.51	20.00	1.409	62.9	1.006	0.1	0.250	0.354
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	38000	2595	18.48	20.00	1.419	62.9	1.006	0.12	0.248	0.354
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	38000	2595	18.51	20.00	1.409	62.9	1.006	0.08	0.206	0.292
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	38000	2595	18.48	20.00	1.419	62.9	1.006	-0.17	0.210	0.300
	LTE Band 38	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	38000	2595	18.51	20.00	1.409	62.9	1.006	0.06	0.419	0.594
	LTE Band 38C	20M	QPSK	1	99	-	Right Side	10mm	Ant 6	DSI8	37901+ 38099	2585.1+ 2604.9	18.45	20.00	1.429	62.9	1.006	-0.08	0.411	0.591
	LTE Band 38	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	38000	2595	18.48	20.00	1.419	62.9	1.006	-0.03	0.413	0.590
	LTE Band 38	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	38000	2595	18.51	20.00	1.409	62.9	1.006	0.14	0.000	0.000
	LTE Band 38	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	38000	2595	18.48	20.00	1.419	62.9	1.006	0.11	0.000	0.000
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	0.12	0.133	0.147
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 0	DSI8	38000	2595	24.24	24.70	1.112	62.9	1.006	0.03	0.121	0.135
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	0.18	0.218	0.241
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 0	DSI8	38000	2595	24.24	24.70	1.112	62.9	1.006	0.16	0.203	0.227
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	-0.1	0.115	0.127
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI8	38000	2595	24.24	24.70	1.112	62.9	1.006	0.07	0.113	0.126
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	0.18	0.025	0.028
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 0	DSI8	38000	2595	24.24	24.70	1.112	62.9	1.006	-0.1	0.043	0.048
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	-0.14	0.485	0.536
	LTE Band 38C Other PA	20M	QPSK	1	99	-	Bottom Side	10mm	Ant 0	DSI8	37901+ 38099	2585.1+ 2604.9	23.85	24.70	1.216	62.9	1.006	0.09	0.426	0.521
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	38000	2595	24.29	24.70	1.099	62.9	1.006	0.01	0.446	0.493
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	38000	2595	22.46	23.00	1.132	-	-	-0.15	0.370	0.419
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	38000	2595	19.11	19.70	1.146	62.9	1.006	0.07	0.122	0.141
	LTE Band 38C Other PA	20M	QPSK	1	99	-	Front	10mm	Ant 1	DSI8	37901+ 38099	2585.1+ 2604.9	18.89	19.70	1.205	62.9	1.006	0.06	0.102	0.124
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	38000	2595	19.10	19.70	1.148	62.9	1.006	0.05	0.120	0.139
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	38000	2595	19.11	19.70	1.146	62.9	1.006	-0.18	0.093	0.107
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	38000	2595	19.10	19.70	1.148	62.9	1.006	0.03	0.086	0.099
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	38000	2595	19.11	19.70	1.146	62.9	1.006	-0.15	0.070	0.081
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	38000	2595	19.10	19.70	1.148	62.9	1.006	-0.15	0.067	0.077
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	38000	2595	19.11	19.70	1.146	62.9	1.006	0.11	0.041	0.047
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	38000	2595	19.10	19.70	1.148	62.9	1.006	-0.08	0.046	0.053
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	38000	2595	17.31	18.00	1.172	-	-	-0.17	0.097	0.114
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 5	DSI8	40620	2593	17.80	18.20	1.096	62.9	1.006	-0.15	0.177	0.195
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 5	DSI8	40620	2593	17.68	18.20	1.127	62.9	1.006	0.02	0.172	0.195



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	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 5	DSI8	40620	2593	17.80	18.20	1.096	62.9	1.006	0.07	0.181	0.200
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 5	DSI8	40620	2593	17.68	18.20	1.127	62.9	1.006	0.16	0.182	0.206
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	DSI8	40620	2593	17.80	18.20	1.096	62.9	1.006	0.13	0.086	0.095
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	DSI8	40620	2593	17.68	18.20	1.127	62.9	1.006	-0.18	0.084	0.095
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	DSI8	40620	2593	17.80	18.20	1.096	62.9	1.006	0.09	0.330	0.364
	LTE Band 41C	20M	QPSK	1	99	-	Top Side	10mm	Ant 5	DSI8	40620+ 40818	2593+ 2612.8	17.56	18.20	1.159	62.9	1.006	0.04	0.311	0.363
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	DSI8	40620	2593	17.68	18.20	1.127	62.9	1.006	-0.03	0.320	0.363
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	40620	2593	19.59	21.00	1.384	62.9	1.006	-0.05	0.154	0.214
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	40620	2593	19.58	21.00	1.387	62.9	1.006	0.18	0.153	0.213
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	40620	2593	19.59	21.00	1.384	62.9	1.006	0.14	0.140	0.195
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	40620	2593	19.58	21.00	1.387	62.9	1.006	-0.17	0.132	0.184
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	40620	2593	19.59	21.00	1.384	62.9	1.006	0.02	0.291	0.405
	LTE Band 41C	20M	QPSK	1	99	-	Right Side	10mm	Ant 6	DSI8	40620+ 40818	2593+ 2612.8	19.42	21.00	1.439	62.9	1.006	0.07	0.248	0.359
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	40620	2593	19.58	21.00	1.387	62.9	1.006	0.17	0.289	0.403
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	40620	2593	19.59	21.00	1.384	62.9	1.006	-0.05	0.034	0.047
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	40620	2593	19.58	21.00	1.387	62.9	1.006	0.01	0.035	0.049
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 0	DSI8	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.08	0.124	0.134
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 0	DSI8	40620	2593	24.29	24.70	1.099	62.9	1.006	-0.04	0.125	0.138
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 0	DSI8	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.08	0.207	0.224
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 0	DSI8	40620	2593	24.29	24.70	1.099	62.9	1.006	0.17	0.196	0.217
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 0	DSI8	40620	2593	24.39	24.70	1.074	62.9	1.006	0.18	0.112	0.121
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 0	DSI8	40620	2593	24.29	24.70	1.099	62.9	1.006	-0.04	0.109	0.121
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI8	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.08	0.014	0.015
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 0	DSI8	40620	2593	24.29	24.70	1.099	62.9	1.006	-0.13	0.020	0.022
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.04	0.470	0.508
	LTE Band 41C Other PA	20M	QPSK	1	99	-	Bottom Side	10mm	Ant 0	DSI8	40620+ 40818	2593+ 2612.8	23.79	24.70	1.233	62.9	1.006	0.09	0.403	0.500
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 0	DSI8	40620	2593	24.29	24.70	1.099	62.9	1.006	-0.13	0.439	0.485
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI8	40620	2593	22.41	23.00	1.146	-	-	0.06	0.351	0.402
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	40620	2593	19.21	19.70	1.119	62.9	1.006	0.04	0.127	0.143
	LTE Band 41C Other PA	20M	QPSK	1	99	-	Front	10mm	Ant 1	DSI8	40620+ 40818	2593+ 2612.8	18.91	19.70	1.199	62.9	1.006	0.09	0.114	0.138
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	40620	2593	19.20	19.70	1.122	62.9	1.006	-0.03	0.101	0.114
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	40620	2593	19.21	19.70	1.119	62.9	1.006	0.08	0.096	0.108
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	40620	2593	19.20	19.70	1.122	62.9	1.006	-0.07	0.096	0.108
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	40620	2593	19.21	19.70	1.119	62.9	1.006	0.05	0.075	0.084
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	40620	2593	19.20	19.70	1.122	62.9	1.006	-0.11	0.077	0.087
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	40620	2593	19.21	19.70	1.119	62.9	1.006	-0.12	0.035	0.039
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	40620	2593	19.20	19.70	1.122	62.9	1.006	0.03	0.000	0.000
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	40620	2593	17.25	18.00	1.189	-	-	-0.16	0.100	0.119
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	507000	2535	15.44	15.70	1.062	-	-	0.07	0.233	0.247
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 5	DSI8	507000	2535	15.41	15.70	1.069	-	-	0.15	0.251	0.268
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	507000	2535	15.44	15.70	1.062	-	-	-0.05	0.239	0.254
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 5	DSI8	507000	2535	15.41	15.70	1.069	-	-	-0.08	0.243	0.260
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	507000	2535	15.44	15.70	1.062	-	-	-0.08	0.086	0.091
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 5	DSI8	507000	2535	15.41	15.70	1.069	-	-	-0.13	0.082	0.088
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	507000	2535	15.44	15.70	1.062	-	-	0	0.434	0.461
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 5	DSI8	507000	2535	15.41	15.70	1.069	-	-	0.03	0.425	0.454
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	507000	2535	19.17	19.70	1.130	-	-	0.12	0.283	0.320
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 6	DSI8	507000	2535	19.14	19.70	1.138	-	-	0.02	0.263	0.299
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	507000	2535	19.17	19.70	1.130	-	-	-0.03	0.258	0.291



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	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 6	DSI8	507000	2535	19.14	19.70	1.138	-	-	0	0.251	0.286
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	507000	2535	19.17	19.70	1.130	-	-	0.01	0.569	0.643
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 6	DSI8	507000	2535	19.14	19.70	1.138	-	-	-0.1	0.531	0.604
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	507000	2535	19.17	19.70	1.130	-	-	0.05	0.070	0.079
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 6	DSI8	507000	2535	19.14	19.70	1.138	-	-	0	0.087	0.099
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	507000	2535	22.85	23.20	1.084	-	-	-0.05	0.263	0.285
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 0	DSI8	507000	2535	22.80	23.20	1.096	-	-	0.14	0.239	0.262
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	507000	2535	22.85	23.20	1.084	-	-	-0.01	0.372	0.403
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 0	DSI8	507000	2535	22.80	23.20	1.096	-	-	-0.12	0.354	0.388
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	507000	2535	22.85	23.20	1.084	-	-	0.07	0.149	0.162
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 0	DSI8	507000	2535	22.80	23.20	1.096	-	-	0.09	0.140	0.154
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	507000	2535	22.85	23.20	1.084	-	-	0.04	0.050	0.054
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 0	DSI8	507000	2535	22.80	23.20	1.096	-	-	0.11	0.053	0.058
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	507000	2535	22.85	23.20	1.084	-	-	0.02	0.786	0.852
31	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	507000	2535	22.80	23.20	1.096	-	-	-0.13	0.801	0.878
	FR1 n7 Other_PA	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	507000	2535	22.79	22.20	0.873	-	-	0.12	0.788	0.688
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DSI8	507000	2535	21.41	22.00	1.146	-	-	-0.11	0.508	0.582
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	507000	2535	20.38	20.70	1.076	-	-	0.17	0.178	0.192
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	507000	2535	20.35	20.70	1.084	-	-	-0.03	0.188	0.204
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	507000	2535	20.38	20.70	1.076	-	-	-0.16	0.170	0.183
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 1	DSI8	507000	2535	20.35	20.70	1.084	-	-	-0.17	0.181	0.196
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	507000	2535	20.38	20.70	1.076	-	-	0.11	0.155	0.167
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 1	DSI8	507000	2535	20.35	20.70	1.084	-	-	-0.05	0.157	0.170
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	507000	2535	20.38	20.70	1.076	-	-	-0.01	0.000	0.000
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 1	DSI8	507000	2535	20.35	20.70	1.084	-	-	-0.14	0.031	0.034
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 1	DSI8	507000	2535	18.62	19.50	1.225	-	-	-0.15	0.113	0.138
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	DSI8	519000	2595	15.31	15.70	1.094	-	-	-0.02	0.186	0.203
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 5	DSI8	519000	2595	15.29	15.70	1.099	-	-	0.15	0.188	0.207
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 5	DSI8	519000	2595	15.31	15.70	1.094	-	-	-0.09	0.164	0.179
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 5	DSI8	519000	2595	15.29	15.70	1.099	-	-	0.11	0.178	0.196
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 5	DSI8	519000	2595	15.31	15.70	1.094	-	-	-0.05	0.080	0.088
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 5	DSI8	519000	2595	15.29	15.70	1.099	-	-	-0.08	0.072	0.079
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5	DSI8	519000	2595	15.31	15.70	1.094	-	-	0.05	0.365	0.399
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 5	DSI8	519000	2595	15.29	15.70	1.099	-	-	0.01	0.371	0.408
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	519000	2595	18.22	19.00	1.197	-	-	-0.04	0.196	0.235
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	519000	2595	18.19	19.00	1.205	-	-	0.15	0.182	0.219
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	519000	2595	18.22	19.00	1.197	-	-	0.09	0.160	0.191
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	519000	2595	18.19	19.00	1.205	-	-	-0.16	0.170	0.205
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	519000	2595	18.22	19.00	1.197	-	-	0.05	0.240	0.287
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	519000	2595	18.19	19.00	1.205	-	-	0.01	0.371	0.447
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	519000	2595	18.22	19.00	1.197	-	-	0.08	0.032	0.038
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	519000	2595	18.19	19.00	1.205	-	-	-0.18	0.030	0.036
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 0	DSI8	519000	2595	24.24	24.70	1.112	-	-	-0.03	0.290	0.322
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 0	DSI8	519000	2595	24.20	24.70	1.122	-	-	-0.04	0.251	0.282
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 0	DSI8	519000	2595	24.24	24.70	1.112	-	-	-0.09	0.427	0.475
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 0	DSI8	519000	2595	24.20	24.70	1.122	-	-	0.18	0.379	0.425
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 0	DSI8	519000	2595	24.24	24.70	1.112	-	-	0.11	0.202	0.225
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 0	DSI8	519000	2595	24.20	24.70	1.122	-	-	0.07	0.194	0.218
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 0	DSI8	519000	2595	24.24	24.70	1.112	-	-	-0.03	0.072	0.080
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 0	DSI8	519000	2595	24.20	24.70	1.122	-	-	0.09	0.053	0.059
32	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	519000	2595	24.24	24.70	1.112	-	-	0.12	0.931	1.035
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	519000	2595	24.20	24.70	1.122	-	-	-0.08	0.849	0.953
	FR1 n38 Other_PA	40M	BPSK	100	0	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	519000	2595	24.17	24.70	1.130	-	-	-0.05	0.755	0.853
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	519000	2595	22.81	23.00	1.045	-	-	-0.03	0.585	0.611
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	519000	2595	19.93	20.20	1.064	-	-	0.1	0.192	0.204
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	519000	2595	19.91	20.20	1.069	-	-	-0.12	0.177	0.189



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FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	519000	2595	19.93	20.20	1.064	-	-	-0.17	0.189	0.201
FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	519000	2595	19.91	20.20	1.069	-	-	0.08	0.179	0.191
FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	519000	2595	19.93	20.20	1.064	-	-	0.01	0.164	0.175
FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	519000	2595	19.91	20.20	1.069	-	-	0.02	0.127	0.136
FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	519000	2595	19.93	20.20	1.064	-	-	-0.11	0.000	0.000
FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	519000	2595	19.91	20.20	1.069	-	-	-0.01	0.000	0.000
FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	519000	2595	17.98	18.50	1.127	-	-	0.09	0.126	0.142
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	DSI8	518598	2592.99	15.25	15.70	1.109	-	-	0.17	0.204	0.226
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 5	DSI8	518598	2592.99	15.21	15.70	1.119	-	-	-0.14	0.206	0.231
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 5	DSI8	518598	2592.99	15.25	15.70	1.109	-	-	0.06	0.208	0.231
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 5	DSI8	518598	2592.99	15.21	15.70	1.119	-	-	-0.06	0.210	0.235
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 5	DSI8	518598	2592.99	15.25	15.70	1.109	-	-	-0.15	0.075	0.083
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 5	DSI8	518598	2592.99	15.21	15.70	1.119	-	-	-0.12	0.069	0.077
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5	DSI8	518598	2592.99	15.25	15.70	1.109	-	-	0.17	0.330	0.366
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 5	DSI8	518598	2592.99	15.21	15.70	1.119	-	-	0.16	0.361	0.404
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	518598	2592.99	18.28	19.70	1.387	-	-	0	0.209	0.290
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	518598	2592.99	18.27	19.70	1.390	-	-	-0.13	0.228	0.317
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	518598	2592.99	18.28	19.70	1.387	-	-	-0.1	0.192	0.266
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	518598	2592.99	18.27	19.70	1.390	-	-	-0.07	0.197	0.274
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	518598	2592.99	18.28	19.70	1.387	-	-	0.11	0.359	0.498
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	518598	2592.99	18.27	19.70	1.390	-	-	0.06	0.385	0.535
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	518598	2592.99	18.28	19.70	1.387	-	-	-0.17	0.000	0.000
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	518598	2592.99	18.27	19.70	1.390	-	-	0.01	0.040	0.056
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 0	DSI8	518598	2592.99	23.89	24.20	1.074	-	-	0.02	0.243	0.261
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 0	DSI8	518598	2592.99	23.87	24.20	1.079	-	-	0	0.225	0.243
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 0	DSI8	518598	2592.99	23.89	24.20	1.074	-	-	0.18	0.399	0.429
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 0	DSI8	518598	2592.99	23.87	24.20	1.079	-	-	-0.11	0.345	0.372
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 0	DSI8	518598	2592.99	23.89	24.20	1.074	-	-	-0.05	0.173	0.186
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 0	DSI8	518598	2592.99	23.87	24.20	1.079	-	-	-0.04	0.170	0.183
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 0	DSI8	518598	2592.99	23.89	24.20	1.074	-	-	-0.08	0.068	0.073
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 0	DSI8	518598	2592.99	23.87	24.20	1.079	-	-	0	0.058	0.063
FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	518598	2592.99	23.89	24.20	1.074	-	-	-0.1	0.874	0.939
FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	518598	2592.99	23.87	24.20	1.079	-	-	-0.14	0.736	0.794
FR1 n41 Other_PA	100M	BPSK	270	0	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	518598	2592.99	23.88	24.20	1.076	-	-	0.01	0.765	0.823
FR1 n41 Main PA	100M	BPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 0	DSI8	518598	2592.99	22.08	22.50	1.102	-	-	0.18	0.552	0.608
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	518598	2592.99	19.12	19.70	1.143	-	-	0.02	0.176	0.201
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	518598	2592.99	19.08	19.70	1.153	-	-	0.04	0.177	0.204
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	518598	2592.99	19.12	19.70	1.143	-	-	0.16	0.176	0.201
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	518598	2592.99	19.08	19.70	1.153	-	-	0.06	0.161	0.186
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	518598	2592.99	19.12	19.70	1.143	-	-	-0.02	0.138	0.158
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	518598	2592.99	19.08	19.70	1.153	-	-	0.07	0.134	0.155
FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	518598	2592.99	19.12	19.70	1.143	-	-	-0.17	0.026	0.030
FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	518598	2592.99	19.08	19.70	1.153	-	-	0.1	0.018	0.021
FR1 n41 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	518598	2592.99	17.21	18.00	1.199	-	-	0.08	0.111	0.133
3500MHz																			
LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 7	DSI8	42590	3500	17.49	18.20	1.178	62.9	1.006	0.14	0.145	0.172
LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 7	DSI8	42590	3500	17.42	18.20	1.197	62.9	1.006	-0.17	0.147	0.177
LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 7	DSI8	42590	3500	17.49	18.20	1.178	62.9	1.006	0.17	0.089	0.105
LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 7	DSI8	42590	3500	17.42	18.20	1.197	62.9	1.006	-0.05	0.098	0.118
LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	DSI8	42590	3500	17.49	18.20	1.178	62.9	1.006	0.01	0.191	0.226
LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	DSI8	42590	3500	17.42	18.20	1.197	62.9	1.006	0.1	0.197	0.237
LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 7	DSI8	42590	3500	17.49	18.20	1.178	62.9	1.006	-0.17	0.069	0.082
LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 7	DSI8	42590	3500	17.42	18.20	1.197	62.9	1.006	0.04	0.071	0.085
LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	42590	3500	20.93	22.50	1.435	62.9	1.006	0.08	0.131	0.189
LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	42590	3500	20.91	22.50	1.442	62.9	1.006	0.01	0.151	0.219
LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	42590	3500	20.93	22.50	1.435	62.9	1.006	0.03	0.139	0.201



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	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	42590	3500	20.91	22.50	1.442	62.9	1.006	-0.08	0.182	0.264
	LTE Band 42	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	42590	3500	20.93	22.50	1.435	62.9	1.006	-0.08	0.276	0.399
	LTE Band 42	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	42590	3500	20.91	22.50	1.442	62.9	1.006	-0.03	0.333	0.483
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	42590	3500	20.93	22.50	1.435	62.9	1.006	0.1	0.084	0.121
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	42590	3500	20.91	22.50	1.442	62.9	1.006	-0.18	0.069	0.100
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	42590	3500	20.37	22.00	1.455	62.9	1.006	0.1	0.157	0.230
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	42590	3500	20.31	22.00	1.476	62.9	1.006	0.12	0.159	0.236
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	42590	3500	20.37	22.00	1.455	62.9	1.006	0.08	0.201	0.294
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	42590	3500	20.31	22.00	1.476	62.9	1.006	-0.17	0.204	0.303
	LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	42590	3500	20.37	22.00	1.455	62.9	1.006	-0.03	0.387	0.567
	LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	42590	3500	20.31	22.00	1.476	62.9	1.006	-0.05	0.401	0.595
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	42590	3500	20.37	22.00	1.455	62.9	1.006	0.14	0.037	0.054
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	42590	3500	20.31	22.00	1.476	62.9	1.006	0.11	0.021	0.031
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 8	DSI8	42590	3500	15.83	16.50	1.167	62.9	1.006	-0.05	0.043	0.050
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 8	DSI8	42590	3500	15.81	16.50	1.172	62.9	1.006	0.18	0.055	0.065
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 8	DSI8	42590	3500	15.83	16.50	1.167	62.9	1.006	0.14	0.053	0.062
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 8	DSI8	42590	3500	15.81	16.50	1.172	62.9	1.006	-0.17	0.049	0.058
	LTE Band 42	20M	QPSK	1	0	-	Right Side	10mm	Ant 8	DSI8	42590	3500	15.83	16.50	1.167	62.9	1.006	0.17	0.037	0.043
	LTE Band 42	20M	QPSK	50	0	-	Right Side	10mm	Ant 8	DSI8	42590	3500	15.81	16.50	1.172	62.9	1.006	-0.05	0.038	0.045
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 8	DSI8	42590	3500	15.83	16.50	1.167	62.9	1.006	0.01	0.129	0.151
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 8	DSI8	42590	3500	15.81	16.50	1.172	62.9	1.006	0.1	0.131	0.154
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 7	DSI8	55830	3609	18.15	18.70	1.135	62.9	1.006	-0.17	0.153	0.175
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 7	DSI8	55830	3609	18.11	18.70	1.146	62.9	1.006	0.04	0.157	0.181
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 7	DSI8	55830	3609	18.15	18.70	1.135	62.9	1.006	-0.01	0.122	0.139
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 7	DSI8	55830	3609	18.11	18.70	1.146	62.9	1.006	-0.08	0.130	0.150
	LTE Band 48	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	DSI8	55830	3609	18.15	18.70	1.135	62.9	1.006	0.05	0.226	0.258
	LTE Band 48	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	DSI8	55830	3609	18.11	18.70	1.146	62.9	1.006	0.06	0.256	0.295
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 7	DSI8	55830	3609	18.15	18.70	1.135	62.9	1.006	-0.09	0.072	0.082
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 7	DSI8	55830	3609	18.11	18.70	1.146	62.9	1.006	-0.08	0.083	0.096
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 6	DSI8	55830	3609	20.79	22.20	1.384	62.9	1.006	0.12	0.158	0.220
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 6	DSI8	55830	3609	20.77	22.20	1.390	62.9	1.006	0.03	0.173	0.242
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 6	DSI8	55830	3609	20.79	22.20	1.384	62.9	1.006	0.18	0.172	0.239
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 6	DSI8	55830	3609	20.77	22.20	1.390	62.9	1.006	0.16	0.172	0.241
	LTE Band 48	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	DSI8	55830	3609	20.79	22.20	1.384	62.9	1.006	-0.1	0.352	0.490
	LTE Band 48	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	DSI8	55830	3609	20.77	22.20	1.390	62.9	1.006	-0.09	0.361	0.505
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	DSI8	55830	3609	20.79	22.20	1.384	62.9	1.006	0.07	0.092	0.128
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	DSI8	55830	3609	20.77	22.20	1.390	62.9	1.006	0.18	0.051	0.071
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI8	55830	3609	22.19	23.80	1.449	62.9	1.006	0.01	0.116	0.169
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI8	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.15	0.090	0.128
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI8	55830	3609	22.19	23.80	1.449	62.9	1.006	0.19	0.133	0.194
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI8	55830	3609	21.31	22.80	1.409	62.9	1.006	0.07	0.111	0.157
	LTE Band 48	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI8	55830	3609	22.19	23.80	1.449	62.9	1.006	0.07	0.270	0.394
	LTE Band 48	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI8	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.18	0.223	0.316
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI8	55830	3609	22.19	23.80	1.449	62.9	1.006	0.03	0.041	0.060
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI8	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.15	0.039	0.055
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 8	DSI8	55830	3609	15.23	16.50	1.340	62.9	1.006	0.11	0.080	0.108
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 8	DSI8	55830	3609	15.18	16.50	1.355	62.9	1.006	-0.08	0.071	0.097
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 8	DSI8	55830	3609	15.23	16.50	1.340	62.9	1.006	-0.17	0.072	0.097
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 8	DSI8	55830	3609	15.18	16.50	1.355	62.9	1.006	-0.08	0.073	0.100
	LTE Band 48	20M	QPSK	1	0	-	Right Side	10mm	Ant 8	DSI8	55830	3609	15.23	16.50	1.340	62.9	1.006	-0.04	0.044	0.059
	LTE Band 48	20M	QPSK	50	0	-	Right Side	10mm	Ant 8	DSI8	55830	3609	15.18	16.50	1.355	62.9	1.006	-0.08	0.045	0.061
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 8	DSI8	55830	3609	15.23	16.50	1.340	62.9	1.006	0.17	0.165	0.222
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 8	DSI8	55830	3609	15.18	16.50	1.355	62.9	1.006	0.18	0.162	0.221
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	641666	3624.99	18.26	18.70	1.107	-	-	-0.1	0.185	0.205
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	641666	3624.99	18.23	18.70	1.114	-	-	0.18	0.191	0.213
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	641666	3624.99	18.26	18.70	1.107	-	-	-0.17	0.224	0.248



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	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	641666	3624.99	18.23	18.70	1.114	-	-	-0.04	0.243	0.271
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	641666	3624.99	18.26	18.70	1.107	-	-	0.06	0.577	0.639
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	641666	3624.99	18.23	18.70	1.114	-	-	-0.05	0.517	0.576
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	641666	3624.99	18.26	18.70	1.107	-	-	-0.13	0.168	0.186
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	641666	3624.99	18.23	18.70	1.114	-	-	-0.01	0.154	0.172
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	641666	3624.99	18.21	19.50	1.346	-	-	-0.09	0.134	0.180
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	641666	3624.99	18.19	19.50	1.352	-	-	0.05	0.124	0.168
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	641666	3624.99	18.21	19.50	1.346	-	-	0.02	0.132	0.178
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	641666	3624.99	18.19	19.50	1.352	-	-	-0.13	0.125	0.169
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	641666	3624.99	18.21	19.50	1.346	-	-	0.17	0.255	0.343
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	641666	3624.99	18.19	19.50	1.352	-	-	0.06	0.200	0.270
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	641666	3624.99	18.21	19.50	1.346	-	-	0	0.052	0.070
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	641666	3624.99	18.19	19.50	1.352	-	-	-0.04	0.062	0.084
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	641666	3624.99	21.32	22.80	1.406	-	-	0.11	0.172	0.242
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	641666	3624.99	21.25	22.80	1.429	-	-	-0.02	0.209	0.299
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	641666	3624.99	21.32	22.80	1.406	-	-	0.1	0.205	0.288
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	641666	3624.99	21.25	22.80	1.429	-	-	0.04	0.243	0.347
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	641666	3624.99	21.32	22.80	1.406	-	-	0.13	0.346	0.486
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	641666	3624.99	21.25	22.80	1.429	-	-	-0.18	0.390	0.557
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	641666	3624.99	21.32	22.80	1.406	-	-	-0.11	0.063	0.089
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	641666	3624.99	21.25	22.80	1.429	-	-	-0.16	0.051	0.073
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	641666	3624.99	12.23	13.50	1.340	-	-	0.01	0.065	0.087
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	641666	3624.99	12.20	13.50	1.349	-	-	-0.06	0.072	0.097
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	641666	3624.99	12.23	13.50	1.340	-	-	-0.15	0.061	0.082
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	641666	3624.99	12.20	13.50	1.349	-	-	0.03	0.067	0.090
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	641666	3624.99	12.23	13.50	1.340	-	-	0.06	0.038	0.051
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	641666	3624.99	12.20	13.50	1.349	-	-	-0.05	0.044	0.059
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	641666	3624.99	12.23	13.50	1.340	-	-	-0.01	0.122	0.163
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	641666	3624.99	12.20	13.50	1.349	-	-	0.06	0.141	0.190
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	656000	3840	15.16	16.00	1.213	-	-	-0.02	0.197	0.239
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	656000	3840	15.14	16.00	1.219	-	-	-0.05	0.174	0.212
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	656000	3840	15.16	16.00	1.213	-	-	-0.13	0.230	0.279
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	656000	3840	15.14	16.00	1.219	-	-	0.08	0.182	0.222
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	656000	3840	15.16	16.00	1.213	-	-	0.16	0.452	0.548
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	656000	3840	15.14	16.00	1.219	-	-	0.01	0.411	0.501
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	656000	3840	15.16	16.00	1.213	-	-	-0.16	0.119	0.144
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	656000	3840	15.14	16.00	1.219	-	-	0.1	0.088	0.107
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	656000	3840	18.02	19.00	1.253	50	1.000	0.04	0.472	0.591
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	633334	3500.01	15.41	16.00	1.146	-	-	-0.04	0.211	0.242
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	633334	3500.01	15.38	16.00	1.153	-	-	-0.01	0.180	0.208
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	633334	3500.01	15.41	16.00	1.146	-	-	0	0.221	0.253
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	633334	3500.01	15.38	16.00	1.153	-	-	-0.11	0.178	0.205
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	15.41	16.00	1.146	-	-	0.01	0.583	0.668
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	15.38	16.00	1.153	-	-	-0.06	0.544	0.627
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	15.35	16.00	1.161	-	-	-0.15	0.522	0.606
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	633334	3500.01	15.41	16.00	1.146	-	-	0.03	0.244	0.280
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	633334	3500.01	15.38	16.00	1.153	-	-	-0.13	0.208	0.240
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	18.01	19.00	1.256	50	1.000	0.16	0.530	0.666
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	656000	3840	18.70	20.00	1.349	-	-	0.08	0.119	0.161
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	656000	3840	18.68	20.00	1.355	-	-	0.01	0.104	0.141
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	656000	3840	18.70	20.00	1.349	-	-	0.03	0.093	0.125
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	656000	3840	18.68	20.00	1.355	-	-	-0.08	0.100	0.136
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	656000	3840	18.70	20.00	1.349	-	-	-0.08	0.313	0.422
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	656000	3840	18.68	20.00	1.355	-	-	0.1	0.321	0.435
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	656000	3840	18.70	20.00	1.349	-	-	-0.18	0.049	0.066
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	656000	3840	18.68	20.00	1.355	-	-	0.1	0.043	0.058



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FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	656000	3840	21.66	23.00	1.361	50	1.000	0.12	0.299	0.407
FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	633334	3500.01	18.62	20.00	1.374	-	-	-0.17	0.088	0.121
FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	633334	3500.01	18.59	20.00	1.384	-	-	-0.03	0.101	0.140
FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	633334	3500.01	18.62	20.00	1.374	-	-	0.14	0.089	0.122
FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	633334	3500.01	18.59	20.00	1.384	-	-	0.11	0.089	0.123
FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	18.62	20.00	1.374	-	-	-0.05	0.206	0.283
FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	18.59	20.00	1.384	-	-	0.18	0.154	0.213
FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	633334	3500.01	18.62	20.00	1.374	-	-	0.14	0.032	0.044
FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	633334	3500.01	18.59	20.00	1.384	-	-	-0.17	0.074	0.102
FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	21.79	23.00	1.321	50	1.000	0.17	0.198	0.262
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	656000	3840	18.92	20.00	1.282	-	-	0.07	0.058	0.074
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	656000	3840	18.90	20.00	1.288	-	-	0.15	0.059	0.076
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	656000	3840	18.92	20.00	1.282	-	-	0.02	0.064	0.082
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	656000	3840	18.90	20.00	1.288	-	-	0.09	0.077	0.099
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	656000	3840	18.92	20.00	1.282	-	-	0.01	0.105	0.135
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	656000	3840	18.90	20.00	1.288	-	-	-0.18	0.100	0.129
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	656000	3840	18.92	20.00	1.282	-	-	0.03	0.030	0.038
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	656000	3840	18.90	20.00	1.288	-	-	0.05	0.021	0.027
FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	656000	3840	22.32	23.00	1.169	50	1.000	0.01	0.120	0.140
FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	656000	3840	16.55	17.00	1.109	-	-	0.02	0.053	0.059
FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	656000	3840	19.45	20.00	1.135	50	1.000	0.09	0.056	0.064
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	633334	3500.01	18.55	20.00	1.396	-	-	0.04	0.159	0.222
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	633334	3500.01	18.53	20.00	1.403	-	-	0.11	0.131	0.184
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	633334	3500.01	18.55	20.00	1.396	-	-	0.06	0.223	0.311
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	633334	3500.01	18.53	20.00	1.403	-	-	0.06	0.167	0.234
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.55	20.00	1.396	-	-	-0.05	0.343	0.479
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.53	20.00	1.403	-	-	-0.13	0.236	0.331
FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.45	20.00	1.429	-	-	-0.01	0.315	0.450
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	633334	3500.01	18.55	20.00	1.396	-	-	0.01	0.040	0.056
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	633334	3500.01	18.53	20.00	1.403	-	-	0.06	0.029	0.041
FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	21.66	23.00	1.361	50	1.000	0.02	0.336	0.457
FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	15.19	17.00	1.517	-	-	0.12	0.245	0.372
FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.75	20.00	1.334	50	1.000	-0.16	0.253	0.337
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	656000	3840	14.51	16.00	1.409	-	-	-0.05	0.126	0.178
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	656000	3840	14.48	16.00	1.419	-	-	0.01	0.138	0.196
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	656000	3840	14.51	16.00	1.409	-	-	0.1	0.102	0.144
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	656000	3840	14.48	16.00	1.419	-	-	-0.17	0.121	0.172
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	656000	3840	14.51	16.00	1.409	-	-	0.04	0.094	0.132
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	656000	3840	14.48	16.00	1.419	-	-	-0.01	0.078	0.111
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	656000	3840	14.51	16.00	1.409	-	-	-0.08	0.197	0.278
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	656000	3840	14.48	16.00	1.419	-	-	0.05	0.199	0.282
FR1 n77 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	656000	3840	17.01	19.00	1.581	50	1.000	0.06	0.163	0.258
FR1 n77 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	656000	3840	11.38	12.50	1.294	-	-	-0.09	0.123	0.159
FR1 n77 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	656000	3840	14.48	15.50	1.265	50	1.000	-0.08	0.136	0.172
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	633334	3500.01	14.37	16.00	1.455	-	-	0.12	0.075	0.109
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI8	633334	3500.01	14.35	16.00	1.462	-	-	0.03	0.082	0.120
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	633334	3500.01	14.37	16.00	1.455	-	-	0.18	0.066	0.096
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	DSI8	633334	3500.01	14.35	16.00	1.462	-	-	0.16	0.060	0.088
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	633334	3500.01	14.37	16.00	1.455	-	-	-0.1	0.073	0.106
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSI8	633334	3500.01	14.35	16.00	1.462	-	-	0.07	0.056	0.082
FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	633334	3500.01	14.37	16.00	1.455	-	-	0.18	0.158	0.230
FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	633334	3500.01	14.35	16.00	1.462	-	-	-0.1	0.157	0.230
FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	633334	3500.01	17.59	19.00	1.384	50	1.000	0.01	0.171	0.237
FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	633334	3500.01	11.12	12.50	1.374	-	-	-0.15	0.095	0.131



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FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSI8	633334	3500.01	14.12	15.50	1.374	50	1.000	0.19	0.089	0.122
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	650000	3750	15.74	16.50	1.191	-	-	-0.07	0.119	0.142
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	650000	3750	15.71	16.50	1.199	-	-	0.11	0.105	0.126
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	650000	3750	15.74	16.50	1.191	-	-	-0.08	0.150	0.179
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	650000	3750	15.71	16.50	1.199	-	-	-0.1	0.133	0.160
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	650000	3750	15.74	16.50	1.191	-	-	-0.01	0.327	0.390
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	650000	3750	15.71	16.50	1.199	-	-	-0.09	0.282	0.338
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	650000	3750	15.74	16.50	1.191	-	-	-0.06	0.085	0.101
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	650000	3750	15.71	16.50	1.199	-	-	-0.17	0.071	0.085
FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	650000	3750	18.38	19.50	1.294	50	1.000	0.05	0.328	0.424
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	633334	3500.01	15.81	16.50	1.172	-	-	-0.07	0.164	0.192
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	DSI8	633334	3500.01	15.77	16.50	1.183	-	-	0.05	0.135	0.160
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	633334	3500.01	15.81	16.50	1.172	-	-	-0.11	0.171	0.200
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	DSI8	633334	3500.01	15.77	16.50	1.183	-	-	-0.12	0.133	0.157
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	15.81	16.50	1.172	-	-	0.03	0.405	0.475
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	15.77	16.50	1.183	-	-	-0.16	0.391	0.463
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	633334	3500.01	15.81	16.50	1.172	-	-	-0.02	0.140	0.164
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 7	DSI8	633334	3500.01	15.77	16.50	1.183	-	-	0.15	0.139	0.164
FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	DSI8	633334	3500.01	18.53	19.50	1.250	50	1.000	-0.09	0.371	0.464
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	650000	3750	19.09	20.50	1.384	-	-	0.11	0.133	0.184
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	650000	3750	19.01	20.50	1.409	-	-	-0.05	0.134	0.189
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	650000	3750	19.09	20.50	1.384	-	-	-0.08	0.127	0.176
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	650000	3750	19.01	20.50	1.409	-	-	0.16	0.117	0.165
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	650000	3750	19.09	20.50	1.384	-	-	0.05	0.294	0.407
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	650000	3750	19.01	20.50	1.409	-	-	-0.01	0.340	0.479
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	650000	3750	19.09	20.50	1.384	-	-	0.05	0.040	0.055
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	650000	3750	19.01	20.50	1.409	-	-	-0.03	0.052	0.073
FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	650000	3750	22.10	23.50	1.380	50	1.000	-0.15	0.321	0.443
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	633334	3500.01	19.23	20.50	1.340	-	-	0.07	0.125	0.167
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	DSI8	633334	3500.01	19.11	20.50	1.377	-	-	0.16	0.151	0.208
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	633334	3500.01	19.23	20.50	1.340	-	-	0.13	0.113	0.151
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	DSI8	633334	3500.01	19.11	20.50	1.377	-	-	-0.18	0.140	0.193
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	19.23	20.50	1.340	-	-	0.02	0.247	0.331
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	19.11	20.50	1.377	-	-	0.16	0.301	0.415
FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	633334	3500.01	19.23	20.50	1.340	-	-	-0.03	0.034	0.046
FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	DSI8	633334	3500.01	19.11	20.50	1.377	-	-	0.07	0.044	0.061
FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	DSI8	633334	3500.01	22.11	23.50	1.377	50	1.000	0	0.305	0.420
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	650000	3750	18.62	19.50	1.225	-	-	0.01	0.211	0.258
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	650000	3750	18.60	19.50	1.230	-	-	-0.01	0.195	0.240
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	650000	3750	18.62	19.50	1.225	-	-	-0.06	0.218	0.267
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	650000	3750	18.60	19.50	1.230	-	-	-0.04	0.179	0.220
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	650000	3750	18.62	19.50	1.225	-	-	-0.09	0.341	0.418
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	650000	3750	18.60	19.50	1.230	-	-	-0.17	0.255	0.314
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	650000	3750	18.62	19.50	1.225	-	-	-0.1	0.050	0.061
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSI8	650000	3750	18.60	19.50	1.230	-	-	0.18	0.042	0.052
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	650000	3750	21.66	22.50	1.213	50	1.000	-0.17	0.315	0.382
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	650000	3750	15.15	16.50	1.365	-	-	-0.04	0.165	0.225
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	650000	3750	18.52	19.50	1.253	50	1.000	-0.05	0.171	0.214
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	-0.13	0.329	0.387
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	-0.01	0.221	0.260
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	-0.09	0.390	0.458
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	0.05	0.299	0.351
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	0.19	0.718	0.844
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.80	19.50	1.175	-	-	0.02	0.545	0.640
FR1 n78 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSI8	633334	3500.01	18.75	19.50	1.189	-	-	0.01	0.658	0.782



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FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSi8	633334	3500.01	18.80	19.50	1.175	-	-	-0.13	0.056	0.066
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 1	DSi8	633334	3500.01	18.80	19.50	1.175	-	-	0.17	0.072	0.085
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSi8	633334	3500.01	22.00	22.50	1.122	50	1.000	0.06	0.698	0.783
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSi8	633334	3500.01	14.89	16.50	1.449	-	-	0	0.506	0.733
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1	DSi8	633334	3500.01	17.95	19.50	1.429	50	1.000	-0.04	0.478	0.683
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSi8	650000	3750	14.41	16.00	1.442	-	-	0.11	0.101	0.146
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	DSi8	650000	3750	14.38	16.00	1.452	-	-	-0.02	0.088	0.128
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	DSi8	650000	3750	14.41	16.00	1.442	-	-	0.1	0.079	0.114
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	DSi8	650000	3750	14.38	16.00	1.452	-	-	0.04	0.080	0.116
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSi8	650000	3750	14.41	16.00	1.442	-	-	0.13	0.052	0.075
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSi8	650000	3750	14.38	16.00	1.452	-	-	-0.18	0.065	0.094
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	650000	3750	14.41	16.00	1.442	-	-	-0.11	0.144	0.208
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	650000	3750	14.38	16.00	1.452	-	-	-0.16	0.135	0.196
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	650000	3750	17.45	19.00	1.429	50	1.000	-0.15	0.143	0.204
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	650000	3750	11.53	12.50	1.250	-	-	-0.06	0.097	0.121
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	650000	3750	14.72	15.50	1.197	50	1.000	-0.14	0.097	0.116
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSi8	633334	3500.01	14.42	16.00	1.439	-	-	0.01	0.062	0.089
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	DSi8	633334	3500.01	14.39	16.00	1.449	-	-	0.06	0.063	0.091
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	DSi8	633334	3500.01	14.42	16.00	1.439	-	-	0.02	0.059	0.085
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	DSi8	633334	3500.01	14.39	16.00	1.449	-	-	0.12	0.057	0.083
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSi8	633334	3500.01	14.42	16.00	1.439	-	-	-0.16	0.042	0.060
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	DSi8	633334	3500.01	14.39	16.00	1.449	-	-	-0.12	0.059	0.085
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	633334	3500.01	14.42	16.00	1.439	-	-	0.07	0.175	0.252
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	633334	3500.01	14.39	16.00	1.449	-	-	-0.02	0.150	0.217
FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	633334	3500.01	18.40	19.00	1.148	50	1.000	-0.05	0.205	0.235
FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	633334	3500.01	10.99	12.50	1.416	-	-	-0.13	0.097	0.137
FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	DSi8	633334	3500.01	14.05	15.50	1.396	50	1.000	0.08	0.089	0.124

Plot No.	Band	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)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	-0.08	0.219	0.250
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.17	0.188	0.215
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.07	0.455	0.520
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.03	0.170	0.194
	Bluetooth	1Mbps	Front	10mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.08	0.045	0.070
	Bluetooth	1Mbps	Back	10mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.13	0.045	0.070
	Bluetooth	1Mbps	Right Side	10mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.13	0.000	0.000
	Bluetooth	1Mbps	Top Side	10mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.01	0.104	0.161
	Bluetooth	1Mbps	Front	10mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.06	0.035	0.051
	Bluetooth	1Mbps	Back	10mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.03	0.029	0.043
	Bluetooth	1Mbps	Right Side	10mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.05	0.075	0.110
	Bluetooth	1Mbps	Top Side	10mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.01	0.02	0.026
5000MHz																
	WLAN5.2GHz	802.11a 6Mbps	Front	10mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.194	99.32	1.007	-0.03	0.119	0.143
	WLAN5.2GHz	802.11a 6Mbps	Back	10mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.194	99.32	1.007	0.08	0.159	0.191
	WLAN5.2GHz	802.11a 6Mbps	Right Side	10mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.194	99.32	1.007	-0.05	0.253	0.304
	WLAN5.2GHz	802.11a 6Mbps	Top Side	10mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.194	99.32	1.007	0.05	0.195	0.234
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	10mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.16	0.431	0.496
	WLAN5.8GHz	802.11n-HT40 MCS0	Back	10mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.05	0.510	0.587
	WLAN5.8GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.09	0.533	0.613
	WLAN5.8GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.03	0.334	0.384



<Flip Close >

Plot 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)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	23095	707.5	22.71	23.50	1.199	-	-	0.08	0.514	0.617
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI4	23095	707.5	22.65	23.50	1.216	-	-	0.01	0.520	0.632
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	23095	707.5	22.71	23.50	1.199	-	-	0.03	0.155	0.186
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI4	23095	707.5	22.65	23.50	1.216	-	-	-0.08	0.156	0.190
	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	23095	707.5	22.71	23.50	1.199	-	-	-0.08	0.740	0.888
33	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 1	DSI4	23095	707.5	22.65	23.50	1.216	-	-	-0.07	0.758	0.922
	LTE Band 12	10M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	23095	707.5	22.62	23.50	1.225	-	-	0.01	0.411	0.503
	LTE Band 12	10M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	23095	707.5	22.71	23.50	1.199	-	-	0.1	0.000	0.000
	LTE Band 12	10M	QPSK	25	0	-	Top Side	5mm	Ant 1	DSI4	23095	707.5	22.65	23.50	1.216	-	-	-0.18	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	23095	707.5	22.40	23.20	1.202	-	-	-0.09	0.065	0.078
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI4	23095	707.5	22.29	23.20	1.233	-	-	-0.17	0.068	0.084
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	23095	707.5	22.40	23.20	1.202	-	-	-0.1	0.330	0.397
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI4	23095	707.5	22.29	23.20	1.233	-	-	0.09	0.346	0.427
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	23095	707.5	22.40	23.20	1.202	-	-	0.18	0.000	0.000
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI4	23095	707.5	22.29	23.20	1.233	-	-	-0.17	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	23095	707.5	22.40	23.20	1.202	-	-	-0.04	0.000	0.000
	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI4	23095	707.5	22.29	23.20	1.233	-	-	-0.05	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	23095	707.5	22.40	23.20	1.202	-	-	0	0.214	0.257
	LTE Band 12	10M	QPSK	25	0	-	Top Side	5mm	Ant 0	DSI4	23095	707.5	22.29	23.20	1.233	-	-	-0.13	0.208	0.256
835MHz																				
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	141500	707.5	22.08	22.70	1.153	-	-	0.08	0.288	0.332
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	141500	707.5	22.07	22.70	1.156	-	-	0.16	0.336	0.388
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	141500	707.5	22.08	22.70	1.153	-	-	0.01	0.105	0.121
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	141500	707.5	22.07	22.70	1.156	-	-	-0.16	0.127	0.147
34	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	141500	707.5	22.08	22.70	1.153	-	-	-0.05	0.565	0.652
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	141500	707.5	22.07	22.70	1.156	-	-	0.1	0.481	0.556
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	141500	707.5	22.08	22.70	1.153	-	-	-0.04	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	141500	707.5	22.07	22.70	1.156	-	-	-0.01	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	141500	707.5	22.08	22.70	1.153	-	-	0	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	141500	707.5	22.07	22.70	1.156	-	-	-0.11	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	141500	707.5	22.69	23.20	1.125	-	-	-0.06	0.063	0.071
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	141500	707.5	22.64	23.20	1.138	-	-	-0.15	0.067	0.076
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	141500	707.5	22.69	23.20	1.125	-	-	0.04	0.373	0.419
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	141500	707.5	22.64	23.20	1.138	-	-	0.03	0.347	0.395
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	141500	707.5	22.69	23.20	1.125	-	-	-0.13	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	141500	707.5	22.64	23.20	1.138	-	-	0.16	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	141500	707.5	22.69	23.20	1.125	-	-	-0.15	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	141500	707.5	22.64	23.20	1.138	-	-	-0.02	0.000	0.000
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	141500	707.5	22.69	23.20	1.125	-	-	-0.09	0.312	0.351
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	141500	707.5	22.64	23.20	1.138	-	-	0.14	0.248	0.282
835MHz																				
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	DSI4	189	836.4	23.82	25.00	1.312	-	-	-0.03	0.430	0.564
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	DSI4	189	836.4	23.82	25.00	1.312	-	-	0.07	0.121	0.159
35	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 1	DSI4	189	836.4	23.82	25.00	1.312	-	-	0.02	0.507	0.665
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 1	DSI4	189	836.4	23.82	25.00	1.312	-	-	0	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 1	DSI4	189	836.4	23.82	25.00	1.312	-	-	0.01	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	DSI4	189	836.4	24.68	26.00	1.355	-	-	-0.080	0.045	0.061
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI4	189	836.4	24.68	26.00	1.355	-	-	-0.03	0.247	0.335
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 0	DSI4	189	836.4	24.68	26.00	1.355	-	-	0.100	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 0	DSI4	189	836.4	24.68	26.00	1.355	-	-	-0.180	0.000	0.000
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 0	DSI4	189	836.4	24.68	26.00	1.355	-	-	0.100	0.152	0.206
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI4	4182	836.4	20.45	21.50	1.274	-	-	0.13	0.469	0.597



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	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI4	4182	836.4	20.45	21.50	1.274	-	-	-0.18	0.126	0.160
36	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 1	DSI4	4182	836.4	20.45	21.50	1.274	-	-	-0.08	0.475	0.605
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 1	DSI4	4182	836.4	20.45	21.50	1.274	-	-	0.02	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 1	DSI4	4182	836.4	20.45	21.50	1.274	-	-	0.16	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI4	4182	836.4	21.45	22.20	1.189	-	-	0.08	0.058	0.069
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI4	4182	836.4	21.45	22.20	1.189	-	-	0.05	0.304	0.361
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI4	4182	836.4	21.45	22.20	1.189	-	-	0.01	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI4	4182	836.4	21.45	22.20	1.189	-	-	0.03	0.000	0.000
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 0	DSI4	4182	836.4	21.45	22.20	1.189	-	-	-0.08	0.180	0.214
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	26865	831.5	20.65	21.50	1.216	-	-	0.1	0.515	0.626
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	DSI4	26865	831.5	20.61	21.50	1.227	-	-	0.12	0.528	0.648
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	26865	831.5	20.65	21.50	1.216	-	-	0.08	0.176	0.214
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	DSI4	26865	831.5	20.61	21.50	1.227	-	-	-0.17	0.180	0.221
	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	26865	831.5	20.65	21.50	1.216	-	-	-0.03	0.530	0.645
37	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 1	DSI4	26865	831.5	20.61	21.50	1.227	-	-	-0.07	0.543	0.666
	LTE Band 26	15M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	26865	831.5	20.65	21.50	1.216	-	-	0.14	0.075	0.091
	LTE Band 26	15M	QPSK	36	0	-	Top Side	5mm	Ant 1	DSI4	26865	831.5	20.61	21.50	1.227	-	-	0.11	0.080	0.098
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	26865	831.5	21.39	22.20	1.205	-	-	-0.01	0.058	0.070
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	DSI4	26865	831.5	21.35	22.20	1.216	-	-	-0.09	0.058	0.071
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	26865	831.5	21.39	22.20	1.205	-	-	0.05	0.318	0.383
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	DSI4	26865	831.5	21.35	22.20	1.216	-	-	0.02	0.337	0.410
	LTE Band 26	15M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	26865	831.5	21.39	22.20	1.205	-	-	0.02	0.000	0.000
	LTE Band 26	15M	QPSK	36	0	-	Left Side	5mm	Ant 0	DSI4	26865	831.5	21.35	22.20	1.216	-	-	-0.13	0.000	0.000
	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	26865	831.5	21.39	22.20	1.205	-	-	0.17	0.000	0.000
	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 0	DSI4	26865	831.5	21.35	22.20	1.216	-	-	0.06	0.000	0.000
	LTE Band 26	15M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	26865	831.5	21.39	22.20	1.205	-	-	0	0.218	0.263
	LTE Band 26	15M	QPSK	36	0	-	Top Side	5mm	Ant 0	DSI4	26865	831.5	21.35	22.20	1.216	-	-	-0.04	0.219	0.266
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	166300	831.5	21.37	21.70	1.079	-	-	0.03	0.485	0.523
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	166300	831.5	21.33	21.70	1.089	-	-	-0.1	0.506	0.551
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	166300	831.5	21.37	21.70	1.079	-	-	-0.01	0.250	0.270
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	166300	831.5	21.33	21.70	1.089	-	-	-0.09	0.278	0.303
38	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	166300	831.5	21.37	21.70	1.079	-	-	0.02	0.559	0.603
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	166300	831.5	21.33	21.70	1.089	-	-	-0.06	0.471	0.513
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	166300	831.5	21.37	21.70	1.079	-	-	-0.17	0.062	0.067
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	166300	831.5	21.33	21.70	1.089	-	-	-0.01	0.071	0.077
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	166300	831.5	21.37	21.70	1.079	-	-	-0.11	0.000	0.000
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	166300	831.5	21.33	21.70	1.089	-	-	0.14	0.000	0.000
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	166300	831.5	22.51	22.70	1.045	-	-	0.1	0.061	0.064
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	166300	831.5	22.46	22.70	1.057	-	-	-0.09	0.057	0.060
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	166300	831.5	22.51	22.70	1.045	-	-	0.05	0.336	0.351
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	166300	831.5	22.46	22.70	1.057	-	-	0.07	0.310	0.328
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	166300	831.5	22.51	22.70	1.045	-	-	-0.09	0.000	0.000
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	166300	831.5	22.46	22.70	1.057	-	-	-0.16	0.000	0.000
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	166300	831.5	22.51	22.70	1.045	-	-	-0.18	0.000	0.000
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	166300	831.5	22.46	22.70	1.057	-	-	-0.07	0.000	0.000
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	166300	831.5	22.51	22.70	1.045	-	-	0.11	0.213	0.223
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	166300	831.5	22.46	22.70	1.057	-	-	-0.08	0.168	0.178
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 5	DSI4	1413	1732.6	17.66	18.50	1.213	-	-	0.02	0.266	0.323
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 5	DSI4	1413	1732.6	17.66	18.50	1.213	-	-	0.07	0.069	0.084
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 5	DSI4	1413	1732.6	17.66	18.50	1.213	-	-	0.16	0.106	0.129
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 5	DSI4	1413	1732.6	17.66	18.50	1.213	-	-	-0.02	0.586	0.711
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 6	DSI4	1413	1732.6	16.87	18.50	1.455	-	-	0.16	0.270	0.393
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 6	DSI4	1413	1732.6	16.87	18.50	1.455	-	-	0.01	0.045	0.065
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	1413	1732.6	16.87	18.50	1.455	-	-	-0.16	0.579	0.843
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	1312	1712.4	16.69	18.50	1.517	-	-	0.1	0.574	0.871



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39	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	1513	1752.6	16.71	18.50	1.510	-	-	0.03	0.605	0.914
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 6	DSI4	1413	1732.6	16.87	18.50	1.455	-	-	-0.04	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 6	DSI4	1413	1732.6	16.87	18.50	1.455	-	-	-0.01	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI4	1413	1732.6	13.12	14.80	1.472	-	-	-0.04	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI4	1413	1732.6	13.12	14.80	1.472	-	-	-0.08	0.124	0.183
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI4	1413	1732.6	13.12	14.80	1.472	-	-	-0.13	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI4	1413	1732.6	13.12	14.80	1.472	-	-	-0.13	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 0	DSI4	1413	1732.6	13.12	14.80	1.472	-	-	0.03	0.228	0.336
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI4	1413	1732.6	20.32	22.00	1.472	-	-	-0.05	0.213	0.314
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI4	1413	1732.6	20.32	22.00	1.472	-	-	0.18	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 1	DSI4	1413	1732.6	20.32	22.00	1.472	-	-	0.14	0.487	0.717
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 1	DSI4	1413	1732.6	20.32	22.00	1.472	-	-	-0.17	0.000	0.000
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 1	DSI4	1413	1732.6	20.32	22.00	1.472	-	-	0.17	0.000	0.000
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	20175	1732.5	16.89	17.70	1.205	-	-	-0.05	0.154	0.186
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	20175	1732.5	16.79	17.70	1.233	-	-	0.18	0.151	0.186
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	20175	1732.5	16.89	17.70	1.205	-	-	0.14	0.059	0.071
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	20175	1732.5	16.79	17.70	1.233	-	-	-0.17	0.000	0.000
	LTE Band 4	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	20175	1732.5	16.89	17.70	1.205	-	-	0.17	0.066	0.080
	LTE Band 4	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	20175	1732.5	16.79	17.70	1.233	-	-	-0.05	0.065	0.080
	LTE Band 4	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	20175	1732.5	16.89	17.70	1.205	-	-	0.01	0.465	0.560
	LTE Band 4	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	20175	1732.5	16.79	17.70	1.233	-	-	-0.02	0.471	0.581
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	20175	1732.5	17.53	19.20	1.469	-	-	0.11	0.318	0.467
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	20175	1732.5	17.52	19.20	1.472	-	-	-0.05	0.329	0.484
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	20175	1732.5	17.53	19.20	1.469	-	-	0.18	0.061	0.090
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	20175	1732.5	17.52	19.20	1.472	-	-	0.14	0.060	0.088
	LTE Band 4	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	20175	1732.5	17.53	19.20	1.469	-	-	-0.17	0.738	1.084
	LTE Band 4	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	20050	1720	17.33	19.20	1.538	-	-	0.01	0.635	0.977
	LTE Band 4	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	20300	1745	17.28	19.20	1.556	-	-	0.05	0.641	0.997
40	LTE Band 4	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	20175	1732.5	17.52	19.20	1.472	-	-	-0.03	0.742	1.092
	LTE Band 4	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	20050	1720	17.38	19.20	1.521	-	-	0.04	0.658	1.001
	LTE Band 4	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	20300	1745	17.27	19.20	1.560	-	-	0.02	0.611	0.953
	LTE Band 4	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	20175	1732.5	17.42	19.20	1.507	-	-	0.17	0.722	1.088
	LTE Band 4	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	20175	1732.5	17.53	19.20	1.469	-	-	-0.05	0.000	0.000
	LTE Band 4	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	20175	1732.5	17.52	19.20	1.472	-	-	0.01	0.000	0.000
	LTE Band 4	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	20175	1732.5	17.53	19.20	1.469	-	-	0.1	0.000	0.000
	LTE Band 4	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	20175	1732.5	17.52	19.20	1.472	-	-	-0.17	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	20175	1732.5	14.20	14.70	1.122	-	-	-0.02	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI4	20175	1732.5	14.15	14.70	1.135	-	-	0.15	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	20175	1732.5	14.20	14.70	1.122	-	-	-0.09	0.155	0.174
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI4	20175	1732.5	14.15	14.70	1.135	-	-	0.11	0.157	0.178
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	20175	1732.5	14.20	14.70	1.122	-	-	-0.05	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI4	20175	1732.5	14.15	14.70	1.135	-	-	-0.08	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	20175	1732.5	14.20	14.70	1.122	-	-	0.16	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI4	20175	1732.5	14.15	14.70	1.135	-	-	0.05	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	20175	1732.5	14.20	14.70	1.122	-	-	0.02	0.300	0.337
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	20175	1732.5	14.15	14.70	1.135	-	-	0.01	0.291	0.330
	LTE Band 4 Main_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	20175	1732.5	11.98	13.00	1.265	-	-	-0.03	0.180	0.228
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	20175	1732.5	19.89	20.70	1.205	-	-	-0.17	0.307	0.370
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	20175	1732.5	19.85	20.70	1.216	-	-	-0.04	0.344	0.418
	LTE Band 4 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	20175	1732.5	19.89	20.70	1.205	-	-	-0.05	0.000	0.000
	LTE Band 4 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	20175	1732.5	19.85	20.70	1.216	-	-	0	0.000	0.000



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	LTE Band 4 Other PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	20175	1732.5	19.89	20.70	1.205	-	-	-0.13	0.811	0.977
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	20050	1720	19.71	20.70	1.256	-	-	0.01	0.736	0.924
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	20300	1745	19.62	20.70	1.282	-	-	0.03	0.741	0.950
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	20175	1732.5	19.85	20.70	1.216	-	-	-0.01	0.809	0.984
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	20050	1720	19.81	20.70	1.227	-	-	0.02	0.751	0.922
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	20300	1745	19.80	20.70	1.230	-	-	0.05	0.746	0.918
	LTE Band 4 Other PA	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	20175	1732.5	19.83	20.70	1.222	-	-	-0.07	0.881	1.076
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	20175	1732.5	19.89	20.70	1.205	-	-	-0.09	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	20175	1732.5	19.85	20.70	1.216	-	-	0.05	0.000	0.000
	LTE Band 4 Main PA	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	20175	1732.5	17.52	19.00	1.406	-	-	0.02	0.575	0.808
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	132322	1745	17.39	18.20	1.205	-	-	0.1	0.163	0.196
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	132322	1745	17.38	18.20	1.208	-	-	-0.17	0.160	0.193
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	132322	1745	17.39	18.20	1.205	-	-	0.04	0.048	0.058
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	132322	1745	17.38	18.20	1.208	-	-	-0.01	0.047	0.057
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	132322	1745	17.39	18.20	1.205	-	-	-0.08	0.072	0.087
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	132322	1745	17.38	18.20	1.208	-	-	0.05	0.075	0.091
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	132322	1745	17.39	18.20	1.205	-	-	-0.05	0.519	0.625
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	132322	1745	17.38	18.20	1.208	-	-	0.06	0.512	0.618
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	132322	1745	17.47	19.20	1.489	-	-	0.04	0.267	0.398
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	132322	1745	17.43	19.20	1.503	-	-	-0.01	0.277	0.416
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	132322	1745	17.47	19.20	1.489	-	-	-0.08	0.044	0.066
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	132322	1745	17.43	19.20	1.503	-	-	0.05	0.049	0.074
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	132322	1745	17.47	19.20	1.489	-	-	0.06	0.603	0.898
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	132072	1720	17.32	19.20	1.542	-	-	-0.09	0.689	1.062
41	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	132572	1770	17.45	19.20	1.496	-	-	-0.08	0.731	1.094
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	132322	1745	17.43	19.20	1.503	-	-	-0.08	0.687	1.033
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	132072	1720	17.30	19.20	1.549	-	-	0.13	0.672	1.041
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	132572	1770	17.40	19.20	1.514	-	-	0.12	0.718	1.087
	LTE Band 66	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	132322	1745	17.38	19.20	1.521	-	-	0.03	0.699	1.063
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	132322	1745	17.47	19.20	1.489	-	-	0.18	0.000	0.000
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	132322	1745	17.43	19.20	1.503	-	-	0.16	0.000	0.000
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	132322	1745	17.47	19.20	1.489	-	-	-0.1	0.000	0.000
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	132322	1745	17.43	19.20	1.503	-	-	0.07	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	132322	1745	13.35	13.70	1.084	-	-	0	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI4	132322	1745	13.32	13.70	1.091	-	-	0.01	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	132322	1745	13.35	13.70	1.084	-	-	-0.01	0.124	0.134
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI4	132322	1745	13.32	13.70	1.091	-	-	-0.06	0.134	0.146
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	132322	1745	13.35	13.70	1.084	-	-	-0.04	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI4	132322	1745	13.32	13.70	1.091	-	-	-0.09	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	132322	1745	13.35	13.70	1.084	-	-	-0.17	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI4	132322	1745	13.32	13.70	1.091	-	-	-0.1	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	132322	1745	13.35	13.70	1.084	-	-	0.18	0.222	0.241
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	132322	1745	13.32	13.70	1.091	-	-	0.02	0.227	0.248
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	132322	1745	10.55	12.00	1.396	-	-	0.02	0.160	0.223
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	132322	1745	18.97	19.20	1.054	-	-	-0.13	0.258	0.272
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	132322	1745	18.91	19.20	1.069	-	-	0.17	0.305	0.326
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	132322	1745	18.97	19.20	1.054	-	-	0.06	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	132322	1745	18.91	19.20	1.069	-	-	0	0.000	0.000



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	LTE Band 66 Other PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	132322	1745	18.97	19.20	1.054	-	-	-0.04	0.601	0.634
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	132322	1745	18.91	19.20	1.069	-	-	-0.04	0.637	0.681
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	132322	1745	18.97	19.20	1.054	-	-	-0.15	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	132322	1745	18.91	19.20	1.069	-	-	0.11	0.000	0.000
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	132322	1745	15.54	17.20	1.466	-	-	0.01	0.426	0.624
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	349000	1745	18.32	18.70	1.091	-	-	0.12	0.201	0.219
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	349000	1745	18.30	18.70	1.096	-	-	0.03	0.204	0.224
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	349000	1745	18.32	18.70	1.091	-	-	0.18	0.070	0.076
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	349000	1745	18.30	18.70	1.096	-	-	0.16	0.071	0.078
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	349000	1745	18.32	18.70	1.091	-	-	-0.1	0.125	0.136
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	349000	1745	18.30	18.70	1.096	-	-	0.07	0.147	0.161
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	349000	1745	18.32	18.70	1.091	-	-	0.18	0.672	0.733
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	349000	1745	18.30	18.70	1.096	-	-	-0.02	0.721	0.791
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	349000	1745	18.25	18.70	1.109	-	-	-0.1	0.696	0.772
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	349000	1745	17.85	19.20	1.365	-	-	-0.08	0.223	0.304
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	349000	1745	17.81	19.20	1.377	-	-	0.16	0.240	0.331
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	349000	1745	17.85	19.20	1.365	-	-	0.05	0.063	0.086
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	349000	1745	17.81	19.20	1.377	-	-	0.05	0.058	0.080
42	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	349000	1745	17.85	19.20	1.365	-	-	-0.08	0.797	1.088
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	349000	1745	17.81	19.20	1.377	-	-	-0.03	0.717	0.987
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	349000	1745	17.77	19.20	1.390	-	-	-0.15	0.734	1.020
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	349000	1745	17.85	19.20	1.365	-	-	0.02	0.000	0.000
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	349000	1745	17.81	19.20	1.377	-	-	0.07	0.000	0.000
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	349000	1745	17.85	19.20	1.365	-	-	0.16	0.041	0.056
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	349000	1745	17.81	19.20	1.377	-	-	0.13	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	349000	1745	13.35	13.70	1.084	-	-	-0.09	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	349000	1745	13.34	13.70	1.086	-	-	0.05	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	349000	1745	13.35	13.70	1.084	-	-	0.02	0.077	0.083
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	349000	1745	13.34	13.70	1.086	-	-	-0.13	0.098	0.106
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	349000	1745	13.35	13.70	1.084	-	-	0.17	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	349000	1745	13.34	13.70	1.086	-	-	0.06	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	349000	1745	13.35	13.70	1.084	-	-	0	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	349000	1745	13.34	13.70	1.086	-	-	-0.04	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	349000	1745	13.35	13.70	1.084	-	-	-0.15	0.158	0.171
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	349000	1745	13.34	13.70	1.086	-	-	0.04	0.168	0.183
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	349000	1745	10.71	12.20	1.409	-	-	0.06	0.261	0.368
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	349000	1745	19.25	19.70	1.109	-	-	0.08	0.269	0.298
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	349000	1745	19.22	19.70	1.117	-	-	0.01	0.361	0.403
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	349000	1745	19.25	19.70	1.109	-	-	0.03	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	349000	1745	19.22	19.70	1.117	-	-	-0.08	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	349000	1745	19.25	19.70	1.109	-	-	-0.08	0.673	0.746
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	349000	1745	19.22	19.70	1.117	-	-	-0.02	0.825	0.921
	FR1 n66 Other PA	40M	QPSK	216	0	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	349000	1745	19.18	19.70	1.127	-	-	-0.18	0.822	0.927
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	349000	1745	19.25	19.70	1.109	-	-	0.1	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	349000	1745	19.22	19.70	1.117	-	-	0.12	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	349000	1745	19.25	19.70	1.109	-	-	0.08	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	349000	1745	19.22	19.70	1.117	-	-	-0.17	0.000	0.000
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	349000	1745	16.24	17.50	1.337	-	-	-0.03	0.608	0.813
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 5	DSI4	661	1880	19.65	21.50	1.531	-	-	-0.01	0.228	0.349
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 5	DSI4	661	1880	19.65	21.50	1.531	-	-	-0.06	0.076	0.116
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 5	DSI4	661	1880	19.65	21.50	1.531	-	-	-0.04	0.100	0.153
43	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 5	DSI4	661	1880	19.65	21.50	1.531	-	-	-0.08	0.626	0.958
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 5	DSI4	512	1850.2	19.58	21.50	1.556	-	-	0.01	0.556	0.865



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	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 5	DSI4	810	1909.8	19.61	21.50	1.545	-	-	0.03	0.539	0.833
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 6	DSI4	661	1880	22.75	23.50	1.189	-	-	0	0.310	0.368
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 6	DSI4	661	1880	22.75	23.50	1.189	-	-	-0.11	0.065	0.077
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 6	DSI4	661	1880	22.75	23.50	1.189	-	-	0.01	0.720	0.856
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 6	DSI4	661	1880	22.75	23.50	1.189	-	-	-0.06	0.000	0.000
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 6	DSI4	661	1880	22.75	23.50	1.189	-	-	-0.15	0.000	0.000
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 6	DSI4	512	1850.2	22.61	23.50	1.227	-	-	0.02	0.656	0.805
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 6	DSI4	810	1909.8	22.52	23.50	1.253	-	-	0.03	0.605	0.758
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 5	DSI4	9400	1880	17.64	18.50	1.219	-	-	0.16	0.328	0.400
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 5	DSI4	9400	1880	17.64	18.50	1.219	-	-	0.05	0.094	0.115
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 5	DSI4	9400	1880	17.64	18.50	1.219	-	-	0.05	0.139	0.169
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 5	DSI4	9400	1880	17.64	18.50	1.219	-	-	-0.03	0.723	0.881
44	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 5	DSI4	9262	1852.4	17.58	18.50	1.236	-	-	-0.07	0.764	0.944
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 5	DSI4	9538	1907.6	17.46	18.50	1.271	-	-	-0.15	0.622	0.790
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 6	DSI4	9400	1880	17.09	18.50	1.384	-	-	0.12	0.295	0.408
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 6	DSI4	9400	1880	17.09	18.50	1.384	-	-	0.08	0.064	0.089
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	9400	1880	17.09	18.50	1.384	-	-	-0.09	0.614	0.850
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 6	DSI4	9400	1880	17.09	18.50	1.384	-	-	-0.17	0.000	0.000
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 6	DSI4	9400	1880	17.09	18.50	1.384	-	-	-0.03	0.000	0.000
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	9262	1852.4	16.96	18.50	1.426	-	-	0.01	0.531	0.757
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 6	DSI4	9538	1907.6	16.92	18.50	1.439	-	-	0.02	0.526	0.757
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	18900	1880	17.63	18.50	1.222	-	-	-0.09	0.200	0.244
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	18900	1880	17.56	18.50	1.242	-	-	-0.08	0.203	0.252
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	18900	1880	17.63	18.50	1.222	-	-	0.13	0.086	0.105
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	18900	1880	17.56	18.50	1.242	-	-	0.12	0.084	0.104
	LTE Band 2	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	18900	1880	17.63	18.50	1.222	-	-	0.03	0.097	0.119
	LTE Band 2	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	18900	1880	17.56	18.50	1.242	-	-	0.18	0.099	0.123
	LTE Band 2	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	18900	1880	17.63	18.50	1.222	-	-	0.16	0.667	0.815
	LTE Band 2	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	18700	1860	17.34	18.50	1.306	-	-	-0.1	0.644	0.841
	LTE Band 2	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	19100	1900	17.37	18.50	1.297	-	-	0.07	0.614	0.796
	LTE Band 2	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	18900	1880	17.56	18.50	1.242	-	-	0.18	0.647	0.803
	LTE Band 2	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	18700	1860	17.35	18.50	1.303	-	-	-0.02	0.661	0.861
	LTE Band 2	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	19100	1900	17.43	18.50	1.279	-	-	-0.1	0.620	0.793
	LTE Band 2	20M	QPSK	100	0	-	Top Side	5mm	Ant 5	DSI4	18900	1880	17.48	18.50	1.265	-	-	0.01	0.631	0.798
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	18900	1880	17.90	19.50	1.445	-	-	0.03	0.242	0.350
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	18900	1880	17.86	19.50	1.459	-	-	-0.13	0.229	0.334
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	18900	1880	17.90	19.50	1.445	-	-	0.16	0.046	0.066
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	18900	1880	17.86	19.50	1.459	-	-	-0.15	0.046	0.067
	LTE Band 2	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	18900	1880	17.90	19.50	1.445	-	-	-0.02	0.583	0.843
45	LTE Band 2	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	18700	1860	17.76	19.50	1.493	-	-	0.12	0.609	0.909
	LTE Band 2	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	19100	1900	17.73	19.50	1.503	-	-	-0.09	0.542	0.815
	LTE Band 2	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	18900	1880	17.86	19.50	1.459	-	-	0.14	0.550	0.802
	LTE Band 2	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	18700	1860	17.83	19.50	1.469	-	-	0.1	0.607	0.892
	LTE Band 2	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	19100	1900	17.78	19.50	1.486	-	-	-0.09	0.529	0.786
	LTE Band 2	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	18900	1880	17.84	19.50	1.466	-	-	0.07	0.554	0.812
	LTE Band 2	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	18900	1880	17.90	19.50	1.445	-	-	-0.09	0.054	0.078
	LTE Band 2	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	18900	1880	17.86	19.50	1.459	-	-	-0.16	0.059	0.086
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	18900	1880	17.90	19.50	1.445	-	-	-0.18	0.000	0.000
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	18900	1880	17.86	19.50	1.459	-	-	-0.07	0.000	0.000
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	376000	1880	17.01	17.80	1.199	-	-	-0.01	0.240	0.288
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	376000	1880	16.99	17.80	1.205	-	-	0	0.226	0.272
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	376000	1880	17.01	17.80	1.199	-	-	-0.11	0.094	0.113
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	376000	1880	16.99	17.80	1.205	-	-	-0.06	0.093	0.112
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	376000	1880	17.01	17.80	1.199	-	-	-0.15	0.141	0.169
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	376000	1880	16.99	17.80	1.205	-	-	0.03	0.118	0.142
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	376000	1880	17.01	17.80	1.199	-	-	-0.08	0.684	0.820



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	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	376000	1880	16.99	17.80	1.205	-	-	-0.13	0.644	0.776
	FR1 n2	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	376000	1880	16.94	17.80	1.219	-	-	0.01	0.605	0.737
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	376000	1880	18.95	20.20	1.334	-	-	0.05	0.227	0.303
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	376000	1880	18.91	20.20	1.346	-	-	-0.11	0.214	0.288
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	376000	1880	18.95	20.20	1.334	-	-	-0.12	0.065	0.087
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	376000	1880	18.91	20.20	1.346	-	-	0.03	0.064	0.086
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	376000	1880	18.95	20.20	1.334	-	-	-0.16	0.730	0.973
46	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	376000	1880	18.91	20.20	1.346	-	-	-0.08	0.745	1.003
	FR1 n2	40M	QPSK	216	0	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	376000	1880	18.84	20.20	1.368	-	-	-0.02	0.726	0.993
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	376000	1880	18.95	20.20	1.334	-	-	0.15	0.071	0.095
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	376000	1880	18.91	20.20	1.346	-	-	-0.09	0.071	0.096
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	376000	1880	18.95	20.20	1.334	-	-	0.11	0.000	0.000
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	376000	1880	18.91	20.20	1.346	-	-	-0.05	0.000	0.000
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	21100	2535	16.59	17.20	1.151	-	-	-0.16	0.241	0.277
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	21100	2535	16.49	17.20	1.178	-	-	-0.02	0.247	0.291
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	21100	2535	16.59	17.20	1.151	-	-	0.15	0.072	0.083
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	21100	2535	16.49	17.20	1.178	-	-	-0.09	0.073	0.086
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	21100	2535	16.59	17.20	1.151	-	-	0.11	0.147	0.169
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	21100	2535	16.49	17.20	1.178	-	-	-0.05	0.152	0.179
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	21100	2535	16.59	17.20	1.151	-	-	-0.08	0.593	0.682
	LTE Band 7C	20M	QPSK	1	99	-	Top Side	5mm	Ant 5	DSI4	21100+21298	2535+2554.8	16.21	17.20	1.256	-	-	0.05	0.523	0.657
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	21100	2535	16.49	17.20	1.178	-	-	-0.09	0.569	0.670
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	21100	2535	15.45	17.20	1.496	-	-	0.18	0.231	0.346
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	21100	2535	15.43	17.20	1.503	-	-	-0.1	0.231	0.347
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	21100	2535	15.45	17.20	1.496	-	-	0.01	0.070	0.105
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	21100	2535	15.43	17.20	1.503	-	-	-0.15	0.068	0.102
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	21100	2535	15.45	17.20	1.496	-	-	-0.03	0.592	0.886
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	5mm	Ant 6	DSI4	21100+21298	2535+2554.8	15.21	17.20	1.581	-	-	0.09	0.541	0.855
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	20850	2510	15.42	17.20	1.507	-	-	0.01	0.521	0.785
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	21350	2560	15.32	17.20	1.542	-	-	0.02	0.512	0.789
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	21100	2535	15.43	17.20	1.503	-	-	0.19	0.522	0.785
	LTE Band 7	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	21100	2535	15.35	17.20	1.531	-	-	0.05	0.501	0.767
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	21100	2535	15.45	17.20	1.496	-	-	0.07	0.000	0.000
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	21100	2535	15.43	17.20	1.503	-	-	-0.18	0.000	0.000
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	21100	2535	15.45	17.20	1.496	-	-	0.03	0.000	0.000
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	21100	2535	15.43	17.20	1.503	-	-	-0.15	0.000	0.000
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	21100	2535	16.21	16.70	1.119	-	-	0.11	0.000	0.000
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI4	21100	2535	16.17	16.70	1.130	-	-	-0.08	0.000	0.000
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	21100	2535	16.21	16.70	1.119	-	-	-0.1	0.124	0.139
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI4	21100	2535	16.17	16.70	1.130	-	-	-0.01	0.110	0.124
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	21100	2535	16.21	16.70	1.119	-	-	-0.09	0.000	0.000
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI4	21100	2535	16.17	16.70	1.130	-	-	-0.06	0.000	0.000
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	21100	2535	16.21	16.70	1.119	-	-	-0.17	0.055	0.062
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI4	21100	2535	16.17	16.70	1.130	-	-	-0.01	0.042	0.047
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	21100	2535	16.21	16.70	1.119	-	-	0.03	0.350	0.392
	LTE Band 7C Other_PA	20M	QPSK	1	99	-	Top Side	5mm	Ant 0	DSI4	21100+21298	2535+2554.8	15.85	16.70	1.216	-	-	0.08	0.315	0.383
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	21100	2535	16.17	16.70	1.130	-	-	-0.11	0.346	0.391
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	21100	2535	14.34	15.50	1.306	-	-	0.14	0.213	0.278
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	21100	2535	21.15	21.70	1.135	-	-	-0.02	0.483	0.548
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	21100	2535	21.14	21.70	1.138	-	-	0.1	0.492	0.560



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	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	21100	2535	21.15	21.70	1.135	-	-	0.04	0.159	0.180
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	21100	2535	21.14	21.70	1.138	-	-	0.13	0.156	0.177
47	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	21100	2535	21.15	21.70	1.135	-	-	-0.18	0.812	0.922
	LTE Band 7C Other_PA	20M	QPSK	1	99	-	Right Side	5mm	Ant 1	DSI4	21100+ 21298	2535+ 2554.8	21.03	21.70	1.167	-	-	0.09	0.745	0.869
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	20850	2510	20.93	21.70	1.194	-	-	0.06	0.750	0.895
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	21350	2560	20.95	21.70	1.189	-	-	0.01	0.745	0.885
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	21100	2535	21.14	21.70	1.138	-	-	-0.09	0.810	0.921
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	20850	2510	20.94	21.70	1.191	-	-	-0.15	0.594	0.708
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	21350	2560	20.97	21.70	1.183	-	-	-0.06	0.669	0.791
	LTE Band 7 Other_PA	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	21100	2535	21.12	21.70	1.143	-	-	-0.14	0.654	0.747
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	21100	2535	21.15	21.70	1.135	-	-	-0.19	0.045	0.051
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	21100	2535	21.14	21.70	1.138	-	-	0.01	0.046	0.052
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	21100	2535	19.38	20.50	1.294	-	-	0.06	0.486	0.629
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	38000	2595	18.33	18.70	1.089	62.9	1.006	-0.15	0.267	0.292
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	38000	2595	18.29	18.70	1.099	62.9	1.006	0.19	0.315	0.348
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	38000	2595	18.33	18.70	1.089	62.9	1.006	0.07	0.059	0.065
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	38000	2595	18.29	18.70	1.099	62.9	1.006	-0.18	0.056	0.062
	LTE Band 38	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	38000	2595	18.33	18.70	1.089	62.9	1.006	0.03	0.148	0.162
	LTE Band 38	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	38000	2595	18.29	18.70	1.099	62.9	1.006	-0.15	0.153	0.169
	LTE Band 38	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	38000	2595	18.33	18.70	1.089	62.9	1.006	-0.15	0.686	0.751
	LTE Band 38C	20M	QPSK	1	99	-	Top Side	5mm	Ant 5	DSI4	37901+ 38099	2585.1+ 2604.9	18.08	18.70	1.153	62.9	1.006	-0.15	0.686	0.796
	LTE Band 38	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	38000	2595	18.29	18.70	1.099	62.9	1.006	-0.02	0.669	0.740
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	38000	2595	18.99	20.50	1.416	62.9	1.006	0.08	0.268	0.382
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	38000	2595	18.94	20.50	1.432	62.9	1.006	0.01	0.290	0.418
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	38000	2595	18.99	20.50	1.416	62.9	1.006	0.03	0.110	0.157
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	38000	2595	18.94	20.50	1.432	62.9	1.006	-0.08	0.114	0.164
	LTE Band 38	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	38000	2595	18.99	20.50	1.416	62.9	1.006	-0.08	0.700	0.997
	LTE Band 38	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	37850	2580	18.97	20.50	1.422	62.9	1.006	0.1	0.626	0.896
48	LTE Band 38	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	38150	2610	18.91	20.50	1.442	62.9	1.006	-0.18	0.740	1.074
	LTE Band 38C	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	38150+ 37952	2610+ 2590.2	18.81	20.50	1.476	62.9	1.006	0.06	0.712	1.057
	LTE Band 38	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	38000	2595	18.94	20.50	1.432	62.9	1.006	0.1	0.664	0.957
	LTE Band 38	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	37850	2580	18.86	20.50	1.459	62.9	1.006	0.12	0.656	0.963
	LTE Band 38	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	38150	2610	18.86	20.50	1.459	62.9	1.006	-0.15	0.714	1.048
	LTE Band 38	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	38000	2595	18.87	20.50	1.455	62.9	1.006	0.08	0.661	0.968
	LTE Band 38	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	38000	2595	18.99	20.50	1.416	62.9	1.006	-0.17	0.032	0.046
	LTE Band 38	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	38000	2595	18.94	20.50	1.432	62.9	1.006	-0.03	0.000	0.000
	LTE Band 38	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	38000	2595	18.99	20.50	1.416	62.9	1.006	0.14	0.040	0.057
	LTE Band 38	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	38000	2595	18.94	20.50	1.432	62.9	1.006	0.11	0.045	0.065
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	38000	2595	19.34	19.70	1.086	62.9	1.006	-0.15	0.000	0.000
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI4	38000	2595	19.25	19.70	1.109	62.9	1.006	0.02	0.000	0.000
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	38000	2595	19.34	19.70	1.086	62.9	1.006	0.07	0.137	0.150
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI4	38000	2595	19.25	19.70	1.109	62.9	1.006	0.16	0.156	0.174
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	38000	2595	19.34	19.70	1.086	62.9	1.006	0.13	0.000	0.000
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI4	38000	2595	19.25	19.70	1.109	62.9	1.006	-0.18	0.000	0.000
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	38000	2595	19.34	19.70	1.086	62.9	1.006	0.02	0.092	0.101
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI4	38000	2595	19.25	19.70	1.109	62.9	1.006	0.16	0.098	0.109
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	38000	2595	19.34	19.70	1.086	62.9	1.006	0.07	0.407	0.445
	LTE Band 38C Other_PA	20M	QPSK	1	99	-	Top Side	5mm	Ant 0	DSI4	37901+ 38099	2585.1+ 2604.9	19.01	19.70	1.172	62.9	1.006	0.02	0.354	0.417



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	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	38000	2595	19.25	19.70	1.109	62.9	1.006	-0.03	0.391	0.436
	LTE Band 38 Main_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	38000	2595	17.39	18.00	1.151	-	-	0.07	0.293	0.337
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	38000	2595	22.17	22.70	1.130	62.9	1.006	0.02	0.501	0.569
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	38000	2595	22.11	22.70	1.146	62.9	1.006	0.12	0.507	0.584
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	38000	2595	22.17	22.70	1.130	62.9	1.006	-0.16	0.162	0.184
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	38000	2595	22.11	22.70	1.146	62.9	1.006	-0.12	0.164	0.189
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	38000	2595	22.17	22.70	1.130	62.9	1.006	0.07	0.803	0.913
	LTE Band 38C Other_PA	20M	QPSK	1	99	-	Right Side	5mm	Ant 1	DSI4	37901+ 38099	2585.1+ 2604.9	21.89	22.70	1.205	62.9	1.006	0.04	0.741	0.898
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	37850	2580	22.02	22.70	1.169	62.9	1.006	0.05	0.712	0.838
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	38150	2610	22.01	22.70	1.172	62.9	1.006	0.01	0.716	0.844
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	38000	2595	22.11	22.70	1.146	62.9	1.006	-0.08	0.791	0.912
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	37850	2580	22.10	22.70	1.148	62.9	1.006	0.06	0.715	0.826
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	38150	2610	22.09	22.70	1.151	62.9	1.006	0.05	0.704	0.815
	LTE Band 38 Other_PA	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	38000	2595	22.10	22.70	1.148	62.9	1.006	-0.11	0.722	0.834
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	38000	2595	22.17	22.70	1.130	62.9	1.006	-0.02	0.073	0.083
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	38000	2595	22.11	22.70	1.146	62.9	1.006	-0.05	0.069	0.080
	LTE Band 38 Main_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	38000	2595	20.25	21.00	1.189	-	-	-0.13	0.510	0.606
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	DSI4	40620	2593	18.35	18.70	1.084	62.9	1.006	-0.08	0.250	0.273
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	DSI4	40620	2593	18.26	18.70	1.107	62.9	1.006	0.17	0.220	0.245
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	DSI4	40620	2593	18.35	18.70	1.084	62.9	1.006	0.18	0.043	0.047
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	DSI4	40620	2593	18.26	18.70	1.107	62.9	1.006	-0.04	0.046	0.051
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 5	DSI4	40620	2593	18.35	18.70	1.084	62.9	1.006	-0.08	0.116	0.126
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 5	DSI4	40620	2593	18.26	18.70	1.107	62.9	1.006	-0.13	0.115	0.128
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 5	DSI4	40620	2593	18.35	18.70	1.084	62.9	1.006	-0.13	0.536	0.584
	LTE Band 41C	20M	QPSK	1	99	-	Top Side	5mm	Ant 5	DSI4	40620+ 40818	2593+ 2612.8	18.08	18.70	1.153	62.9	1.006	0.06	0.499	0.579
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 5	DSI4	40620	2593	18.26	18.70	1.107	62.9	1.006	0.08	0.532	0.592
	LTE Band 41	20M	QPSK	100	0	-	Top Side	5mm	Ant 5	DSI4	40620	2593	18.26	18.70	1.107	62.9	1.006	0.03	0.528	0.588
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	40620	2593	18.09	19.50	1.384	62.9	1.006	-0.15	0.222	0.309
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	40620	2593	18.05	19.50	1.396	62.9	1.006	0.11	0.230	0.323
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	40620	2593	18.09	19.50	1.384	62.9	1.006	-0.08	0.086	0.120
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	40620	2593	18.05	19.50	1.396	62.9	1.006	-0.17	0.088	0.124
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	40620	2593	18.09	19.50	1.384	62.9	1.006	-0.08	0.571	0.795
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	5mm	Ant 6	DSI4	40620+ 40818	2593+ 2612.8	18.01	19.50	1.409	62.9	1.006	0.05	0.514	0.729
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	39750	2506	17.93	19.50	1.435	62.9	1.006	0.08	0.524	0.757
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	40185	2549.5	17.73	19.50	1.503	62.9	1.006	0.01	0.513	0.776
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	41055	2636.5	17.94	19.50	1.432	62.9	1.006	0.03	0.506	0.729
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	41490	2680	17.91	19.50	1.442	62.9	1.006	-0.08	0.509	0.738
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	40620	2593	18.05	19.50	1.396	62.9	1.006	-0.04	0.558	0.784
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	39750	2506	17.90	19.50	1.445	62.9	1.006	0.08	0.522	0.759
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	40185	2549.5	17.84	19.50	1.466	62.9	1.006	0.01	0.514	0.758
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	41055	2636.5	18.00	19.50	1.413	62.9	1.006	0.06	0.509	0.723
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	41490	2680	17.83	19.50	1.469	62.9	1.006	0.02	0.508	0.751
	LTE Band 41	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	40620	2593	18.06	19.50	1.393	62.9	1.006	0.09	0.514	0.720
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	40620	2593	18.09	19.50	1.384	62.9	1.006	-0.04	0.000	0.000
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	40620	2593	18.05	19.50	1.396	62.9	1.006	-0.08	0.000	0.000
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	40620	2593	18.09	19.50	1.384	62.9	1.006	0.17	0.050	0.070
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	40620	2593	18.05	19.50	1.396	62.9	1.006	0.18	0.000	0.000
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI4	40620	2593	18.89	19.20	1.074	62.9	1.006	0.03	0.023	0.025
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI4	40620	2593	18.87	19.20	1.079	62.9	1.006	0.1	0.023	0.025
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI4	40620	2593	18.89	19.20	1.074	62.9	1.006	0.16	0.114	0.123



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	Other_PA																			
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI4	40620	2593	18.87	19.20	1.079	62.9	1.006	-0.06	0.122	0.132
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI4	40620	2593	18.89	19.20	1.074	62.9	1.006	0.02	0.000	0.000
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI4	40620	2593	18.87	19.20	1.079	62.9	1.006	-0.16	0.000	0.000
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI4	40620	2593	18.89	19.20	1.074	62.9	1.006	0.05	0.064	0.069
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI4	40620	2593	18.87	19.20	1.079	62.9	1.006	-0.03	0.065	0.071
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	40620	2593	18.89	19.20	1.074	62.9	1.006	-0.06	0.368	0.398
	LTE Band 41C Other_PA	20M	QPSK	1	99	-	Top Side	5mm	Ant 0	DSI4	40620+ 40818	2593+ 2612.8	18.55	19.20	1.161	62.9	1.006	0.04	0.322	0.376
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 0	DSI4	40620	2593	18.87	19.20	1.079	62.9	1.006	0.01	0.301	0.327
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 0	DSI4	40620	2593	16.79	17.50	1.178	-	-	-0.18	0.234	0.276
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	40620	2593	21.71	22.20	1.119	62.9	1.006	-0.06	0.320	0.360
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	40620	2593	21.68	22.20	1.127	62.9	1.006	0.02	0.331	0.375
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	40620	2593	21.71	22.20	1.119	62.9	1.006	0.16	0.109	0.123
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	40620	2593	21.68	22.20	1.127	62.9	1.006	0.06	0.100	0.113
49	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	40620	2593	21.71	22.20	1.119	62.9	1.006	0.01	0.782	0.881
	LTE Band 41C Other_PA	20M	QPSK	1	99	-	Right Side	5mm	Ant 1	DSI4	40620+ 40818	2593+ 2612.8	21.46	22.20	1.186	62.9	1.006	0.06	0.674	0.804
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	39750	2506	21.60	22.20	1.148	62.9	1.006	0.01	0.612	0.707
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	40185	2549.5	21.45	22.20	1.189	62.9	1.006	0.09	0.605	0.723
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	41055	2636.5	21.28	22.20	1.236	62.9	1.006	0.02	0.593	0.737
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	41490	2680	21.34	22.20	1.219	62.9	1.006	0.05	0.712	0.873
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	40620	2593	21.68	22.20	1.127	62.9	1.006	0.19	0.708	0.803
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	39750	2506	21.60	22.20	1.148	62.9	1.006	-0.06	0.523	0.604
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	40185	2549.5	21.47	22.20	1.183	62.9	1.006	0	0.572	0.681
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	41055	2636.5	21.60	22.20	1.148	62.9	1.006	-0.03	0.577	0.666
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	41490	2680	21.50	22.20	1.175	62.9	1.006	0.01	0.735	0.869
	LTE Band 41 Other_PA	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	40620	2593	21.56	22.20	1.159	62.9	1.006	0.07	0.551	0.642
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	40620	2593	21.71	22.20	1.119	62.9	1.006	-0.12	0.052	0.059
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	40620	2593	21.68	22.20	1.127	62.9	1.006	-0.03	0.058	0.066
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	40620	2593	19.75	20.50	1.189	-	-	0.02	0.451	0.536
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	507000	2535	16.43	16.70	1.064	-	-	0.12	0.210	0.223
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 5	DSI4	507000	2535	16.40	16.70	1.072	-	-	0.02	0.236	0.253
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	507000	2535	16.43	16.70	1.064	-	-	-0.03	0.092	0.098
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	DSI4	507000	2535	16.40	16.70	1.072	-	-	0	0.077	0.083
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	507000	2535	16.43	16.70	1.064	-	-	-0.1	0.158	0.168
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 5	DSI4	507000	2535	16.40	16.70	1.072	-	-	0.05	0.151	0.162
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	507000	2535	16.43	16.70	1.064	-	-	0	0.414	0.441
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 5	DSI4	507000	2535	16.40	16.70	1.072	-	-	-0.14	0.426	0.456
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	507000	2535	17.63	18.20	1.140	-	-	0.15	0.206	0.235
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 6	DSI4	507000	2535	17.52	18.20	1.169	-	-	-0.05	0.197	0.230
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	507000	2535	17.63	18.20	1.140	-	-	-0.08	0.093	0.106
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 6	DSI4	507000	2535	17.52	18.20	1.169	-	-	-0.08	0.103	0.120
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	507000	2535	17.63	18.20	1.140	-	-	-0.02	0.710	0.810
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	507000	2535	17.52	18.20	1.169	-	-	-0.13	0.595	0.696
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Left Side	5mm	Ant 6	DSI4	507000	2535	17.58	18.20	1.153	-	-	0.01	0.651	0.751
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	507000	2535	17.63	18.20	1.140	-	-	0.01	0.000	0.000
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 6	DSI4	507000	2535	17.52	18.20	1.169	-	-	-0.11	0.000	0.000
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	507000	2535	17.63	18.20	1.140	-	-	0.03	0.000	0.000
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 6	DSI4	507000	2535	17.52	18.20	1.169	-	-	-0.05	0.000	0.000



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	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	507000	2535	17.35	17.70	1.084	-	-	-0.01	0.000	0.000
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI4	507000	2535	17.33	17.70	1.089	-	-	-0.12	0.000	0.000
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	507000	2535	17.35	17.70	1.084	-	-	0.07	0.108	0.117
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI4	507000	2535	17.33	17.70	1.089	-	-	0.09	0.099	0.108
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	507000	2535	17.35	17.70	1.084	-	-	0.04	0.000	0.000
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI4	507000	2535	17.33	17.70	1.089	-	-	0.11	0.000	0.000
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	507000	2535	17.35	17.70	1.084	-	-	-0.13	0.047	0.051
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI4	507000	2535	17.33	17.70	1.089	-	-	0.12	0.048	0.052
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	507000	2535	17.35	17.70	1.084	-	-	-0.11	0.279	0.302
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	507000	2535	17.33	17.70	1.089	-	-	-0.03	0.285	0.310
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 0	DSI4	507000	2535	15.85	16.50	1.161	-	-	0.09	0.149	0.173
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	507000	2535	21.33	21.70	1.089	-	-	-0.17	0.373	0.406
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI4	507000	2535	21.30	21.70	1.096	-	-	0.11	0.367	0.402
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	507000	2535	21.33	21.70	1.089	-	-	-0.05	0.119	0.130
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI4	507000	2535	21.30	21.70	1.096	-	-	-0.01	0.118	0.129
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	507000	2535	21.33	21.70	1.089	-	-	-0.14	0.431	0.469
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	507000	2535	21.30	21.70	1.096	-	-	-0.03	0.602	0.660
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	507000	2535	21.33	21.70	1.089	-	-	-0.12	0.056	0.061
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI4	507000	2535	21.30	21.70	1.096	-	-	-0.17	0.057	0.062
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	507000	2535	21.33	21.70	1.089	-	-	0.08	0.046	0.050
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 1	DSI4	507000	2535	21.30	21.70	1.096	-	-	0.01	0.050	0.055
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 1	DSI4	507000	2535	19.78	20.50	1.180	-	-	0.02	0.391	0.462
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI4	519000	2595	16.82	17.20	1.091	-	-	0.1	0.361	0.394
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI4	519000	2595	16.77	17.20	1.104	-	-	-0.04	0.274	0.303
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI4	519000	2595	16.82	17.20	1.091	-	-	0.15	0.083	0.091
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI4	519000	2595	16.77	17.20	1.104	-	-	0.09	0.074	0.082
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI4	519000	2595	16.82	17.20	1.091	-	-	-0.16	0.236	0.258
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI4	519000	2595	16.77	17.20	1.104	-	-	0.05	0.236	0.261
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI4	519000	2595	16.82	17.20	1.091	-	-	-0.04	0.636	0.694
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI4	519000	2595	16.77	17.20	1.104	-	-	0.08	0.621	0.686
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	519000	2595	17.76	18.50	1.186	-	-	-0.03	0.216	0.256
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	519000	2595	17.74	18.50	1.191	-	-	-0.04	0.215	0.256
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	519000	2595	17.76	18.50	1.186	-	-	-0.09	0.158	0.187
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	519000	2595	17.74	18.50	1.191	-	-	0.18	0.162	0.193
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	519000	2595	17.76	18.50	1.186	-	-	0.11	0.703	0.834
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	519000	2595	17.74	18.50	1.191	-	-	-0.05	0.721	0.859
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	519000	2595	17.72	18.50	1.197	-	-	0.01	0.621	0.743
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	519000	2595	17.76	18.50	1.186	-	-	0.07	0.000	0.000
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	519000	2595	17.74	18.50	1.191	-	-	-0.03	0.000	0.000
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	519000	2595	17.76	18.50	1.186	-	-	0.09	0.052	0.062
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	519000	2595	17.74	18.50	1.191	-	-	-0.08	0.057	0.068
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI4	519000	2595	17.58	17.70	1.028	-	-	0.01	0.000	0.000
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI4	519000	2595	17.54	17.70	1.038	-	-	0.1	0.000	0.000
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI4	519000	2595	17.58	17.70	1.028	-	-	-0.17	0.145	0.149
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI4	519000	2595	17.54	17.70	1.038	-	-	0.04	0.122	0.127
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI4	519000	2595	17.58	17.70	1.028	-	-	-0.01	0.061	0.063
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI4	519000	2595	17.54	17.70	1.038	-	-	-0.08	0.049	0.051
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI4	519000	2595	17.58	17.70	1.028	-	-	0.05	0.071	0.073
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI4	519000	2595	17.54	17.70	1.038	-	-	0.06	0.068	0.071
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	519000	2595	17.58	17.70	1.028	-	-	0.07	0.382	0.393
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	519000	2595	17.54	17.70	1.038	-	-	-0.09	0.314	0.326
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	519000	2595	15.87	16.00	1.030	-	-	-0.08	0.220	0.227
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	519000	2595	20.91	21.20	1.069	-	-	0.08	0.443	0.474
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	519000	2595	20.88	21.20	1.076	-	-	0.01	0.445	0.479
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	519000	2595	20.91	21.20	1.069	-	-	0.03	0.107	0.114
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	519000	2595	20.88	21.20	1.076	-	-	-0.08	0.099	0.107



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	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	519000	2595	20.91	21.20	1.069	-	-	-0.08	0.612	0.654
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	519000	2595	20.88	21.20	1.076	-	-	-0.04	0.729	0.785
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	519000	2595	20.91	21.20	1.069	-	-	-0.18	0.059	0.063
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	519000	2595	20.88	21.20	1.076	-	-	0.1	0.083	0.089
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	519000	2595	20.91	21.20	1.069	-	-	0.12	0.054	0.058
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	519000	2595	20.88	21.20	1.076	-	-	0.08	0.055	0.059
	FR1 n38 Main PA	40M	BPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	519000	2595	19.13	19.50	1.089	-	-	-0.17	0.443	0.482
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI4	518598	2592.99	15.71	16.20	1.119	-	-	0.1	0.260	0.291
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI4	518598	2592.99	15.68	16.20	1.127	-	-	-0.17	0.280	0.316
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI4	518598	2592.99	15.71	16.20	1.119	-	-	0.04	0.093	0.104
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI4	518598	2592.99	15.68	16.20	1.127	-	-	-0.01	0.076	0.086
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI4	518598	2592.99	15.71	16.20	1.119	-	-	-0.08	0.205	0.229
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI4	518598	2592.99	15.68	16.20	1.127	-	-	0.05	0.208	0.234
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI4	518598	2592.99	15.71	16.20	1.119	-	-	-0.04	0.483	0.541
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI4	518598	2592.99	15.68	16.20	1.127	-	-	0.06	0.452	0.509
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	518598	2592.99	17.43	18.70	1.340	-	-	-0.03	0.327	0.438
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	518598	2592.99	17.40	18.70	1.349	-	-	0.14	0.321	0.433
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	518598	2592.99	17.43	18.70	1.340	-	-	0.11	0.144	0.193
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	518598	2592.99	17.40	18.70	1.349	-	-	-0.05	0.156	0.210
50	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	518598	2592.99	17.43	18.70	1.340	-	-	-0.15	0.803	1.076
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	518598	2592.99	17.40	18.70	1.349	-	-	0.18	0.743	1.002
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	518598	2592.99	17.38	18.70	1.355	-	-	0.14	0.764	1.035
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	518598	2592.99	17.43	18.70	1.340	-	-	-0.17	0.000	0.000
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	518598	2592.99	17.40	18.70	1.349	-	-	0.17	0.000	0.000
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	518598	2592.99	17.43	18.70	1.340	-	-	-0.05	0.000	0.000
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	518598	2592.99	17.40	18.70	1.349	-	-	0.01	0.045	0.061
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI4	518598	2592.99	17.92	18.20	1.067	-	-	-0.09	0.040	0.043
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI4	518598	2592.99	17.88	18.20	1.076	-	-	-0.08	0.000	0.000
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI4	518598	2592.99	17.92	18.20	1.067	-	-	0.13	0.153	0.163
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI4	518598	2592.99	17.88	18.20	1.076	-	-	0.12	0.127	0.137
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI4	518598	2592.99	17.92	18.20	1.067	-	-	0.03	0.000	0.000
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI4	518598	2592.99	17.88	18.20	1.076	-	-	0.18	0.000	0.000
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI4	518598	2592.99	17.92	18.20	1.067	-	-	0.16	0.079	0.084
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI4	518598	2592.99	17.88	18.20	1.076	-	-	-0.1	0.079	0.085
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	518598	2592.99	17.92	18.20	1.067	-	-	0.07	0.415	0.443
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	518598	2592.99	17.88	18.20	1.076	-	-	0.18	0.320	0.344
	FR1 n41 Main PA	100M	BPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0	DSI4	518598	2592.99	16.09	16.50	1.099	-	-	-0.1	0.232	0.255
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	518598	2592.99	20.59	21.20	1.151	-	-	0.01	0.433	0.498
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	518598	2592.99	20.57	21.20	1.156	-	-	-0.15	0.398	0.460
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	518598	2592.99	20.59	21.20	1.151	-	-	0.19	0.099	0.114
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	518598	2592.99	20.57	21.20	1.156	-	-	0.07	0.100	0.116
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	518598	2592.99	20.59	21.20	1.151	-	-	-0.18	0.582	0.670
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	518598	2592.99	20.57	21.20	1.156	-	-	-0.08	0.744	0.860
	FR1 n41 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	518598	2592.99	20.47	21.20	1.183	-	-	0.03	0.620	0.733
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	518598	2592.99	20.59	21.20	1.151	-	-	-0.15	0.050	0.058
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	518598	2592.99	20.57	21.20	1.156	-	-	-0.15	0.066	0.076
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	518598	2592.99	20.59	21.20	1.151	-	-	0.11	0.059	0.068
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	518598	2592.99	20.57	21.20	1.156	-	-	-0.08	0.057	0.066
	FR1 n41 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	518598	2592.99	18.78	19.50	1.180	-	-	-0.17	0.441	0.521
3500MHz																				
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 7	DSI4	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.08	0.192	0.229
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 7	DSI4	42590	3500	17.92	18.70	1.197	62.9	1.006	-0.04	0.234	0.282
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 7	DSI4	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.08	0.038	0.045
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 7	DSI4	42590	3500	17.92	18.70	1.197	62.9	1.006	0.17	0.045	0.054
	LTE Band 42	20M	QPSK	1	0	-	Right Side	5mm	Ant 7	DSI4	42590	3500	17.96	18.70	1.186	62.9	1.006	0.18	0.245	0.292
	LTE Band 42	20M	QPSK	50	0	-	Right Side	5mm	Ant 7	DSI4	42590	3500	17.92	18.70	1.197	62.9	1.006	-0.04	0.287	0.346



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	LTE Band 42	20M	QPSK	1	0	-	Top Side	5mm	Ant 7	DSI4	42590	3500	17.96	18.70	1.186	62.9	1.006	-0.08	0.184	0.219
	LTE Band 42	20M	QPSK	50	0	-	Top Side	5mm	Ant 7	DSI4	42590	3500	17.92	18.70	1.197	62.9	1.006	-0.13	0.217	0.261
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	42590	3500	19.02	20.50	1.406	62.9	1.006	0.03	0.246	0.348
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	42590	3500	19.01	20.50	1.409	62.9	1.006	0.18	0.256	0.363
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	42590	3500	19.02	20.50	1.406	62.9	1.006	0.16	0.041	0.058
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	42590	3500	19.01	20.50	1.409	62.9	1.006	-0.1	0.059	0.084
	LTE Band 42	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	42590	3500	19.02	20.50	1.406	62.9	1.006	0.07	0.604	0.854
	LTE Band 42	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	42190	3460	18.73	20.50	1.503	62.9	1.006	0.18	0.521	0.788
	LTE Band 42	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	42990	3540	18.69	20.50	1.517	62.9	1.006	-0.1	0.660	1.007
	LTE Band 42	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	42590	3500	19.01	20.50	1.409	62.9	1.006	0.01	0.635	0.900
	LTE Band 42	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	42190	3460	18.81	20.50	1.476	62.9	1.006	-0.15	0.549	0.815
51	LTE Band 42	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	42990	3540	18.64	20.50	1.535	62.9	1.006	0.04	0.704	1.087
	LTE Band 42	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	42590	3500	18.89	20.50	1.449	62.9	1.006	0.19	0.643	0.937
	LTE Band 42	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	42590	3500	19.02	20.50	1.406	62.9	1.006	0.07	0.038	0.054
	LTE Band 42	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	42590	3500	19.01	20.50	1.409	62.9	1.006	-0.18	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	42590	3500	19.02	20.50	1.406	62.9	1.006	0.03	0.064	0.091
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	42590	3500	19.01	20.50	1.409	62.9	1.006	-0.15	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	-0.13	0.195	0.286
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	42590	3500	18.81	20.50	1.476	62.9	1.006	0.06	0.221	0.328
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	-0.03	0.065	0.095
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	42590	3500	18.81	20.50	1.476	62.9	1.006	-0.03	0.062	0.092
	LTE Band 42	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	0.08	0.558	0.819
	LTE Band 42	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	0.01	0.501	0.735
	LTE Band 42	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	0.03	0.489	0.718
	LTE Band 42	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	42590	3500	18.81	20.50	1.476	62.9	1.006	-0.07	0.493	0.732
	LTE Band 42	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	42590	3500	18.76	20.50	1.493	62.9	1.006	-0.07	0.435	0.653
	LTE Band 42	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	0.05	0.000	0.000
	LTE Band 42	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	42590	3500	18.81	20.50	1.476	62.9	1.006	-0.11	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI4	42590	3500	18.86	20.50	1.459	62.9	1.006	-0.12	0.000	0.000
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI4	42590	3500	18.81	20.50	1.476	62.9	1.006	0.03	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI4	42590	3500	17.96	18.50	1.132	62.9	1.006	-0.02	0.063	0.072
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI4	42590	3500	17.86	18.50	1.159	62.9	1.006	0.15	0.121	0.141
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI4	42590	3500	17.96	18.50	1.132	62.9	1.006	-0.09	0.030	0.034
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI4	42590	3500	17.86	18.50	1.159	62.9	1.006	0.11	0.054	0.063
	LTE Band 42	20M	QPSK	1	0	-	Left Side	5mm	Ant 8	DSI4	42590	3500	17.96	18.50	1.132	62.9	1.006	-0.05	0.051	0.058
	LTE Band 42	20M	QPSK	50	0	-	Left Side	5mm	Ant 8	DSI4	42590	3500	17.86	18.50	1.159	62.9	1.006	-0.08	0.085	0.099
	LTE Band 42	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI4	42590	3500	17.96	18.50	1.132	62.9	1.006	0.16	0.000	0.000
	LTE Band 42	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI4	42590	3500	17.86	18.50	1.159	62.9	1.006	0.05	0.000	0.000
	LTE Band 42	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI4	42590	3500	17.96	18.50	1.132	62.9	1.006	0.05	0.367	0.418
	LTE Band 42	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI4	42590	3500	17.86	18.50	1.159	62.9	1.006	-0.03	0.489	0.570
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 7	DSI4	55830	3609	17.69	18.20	1.125	62.9	1.006	-0.15	0.512	0.579
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 7	DSI4	55830	3609	17.67	18.20	1.130	62.9	1.006	0.02	0.483	0.549
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	DSI4	55830	3609	17.69	18.20	1.125	62.9	1.006	0.07	0.058	0.066
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	DSI4	55830	3609	17.67	18.20	1.130	62.9	1.006	0.16	0.062	0.070
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 7	DSI4	55830	3609	17.69	18.20	1.125	62.9	1.006	0.13	0.763	0.863
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 7	DSI4	55340	3560	17.38	18.20	1.208	62.9	1.006	-0.18	0.757	0.920
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 7	DSI4	56150	3641	17.51	18.20	1.172	62.9	1.006	0.02	0.660	0.778
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 7	DSI4	56640	3690	17.31	18.20	1.227	62.9	1.006	0.16	0.604	0.746
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 7	DSI4	55830	3609	17.67	18.20	1.130	62.9	1.006	-0.03	0.719	0.817
52	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 7	DSI4	55340	3560	17.45	18.20	1.189	62.9	1.006	-0.03	0.779	0.931
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 7	DSI4	56150	3641	17.60	18.20	1.148	62.9	1.006	0.07	0.681	0.787
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 7	DSI4	56640	3690	17.59	18.20	1.151	62.9	1.006	0	0.599	0.693
	LTE Band 48	20M	QPSK	100	0	-	Right Side	5mm	Ant 7	DSI4	55830	3609	17.52	18.20	1.169	62.9	1.006	0.01	0.713	0.839
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 7	DSI4	55830	3609	17.69	18.20	1.125	62.9	1.006	-0.01	0.378	0.428
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 7	DSI4	55830	3609	17.67	18.20	1.130	62.9	1.006	-0.06	0.346	0.393
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	DSI4	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.09	0.235	0.324



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	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	DSI4	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.17	0.231	0.347
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	DSI4	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.1	0.067	0.092
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	DSI4	55830	3609	22.46	24.20	1.493	62.9	1.006	0.18	0.038	0.057
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.17	0.552	0.761
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	55340	3560	22.61	24.20	1.442	62.9	1.006	0.02	0.501	0.727
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	56150	3641	22.42	24.20	1.507	62.9	1.006	0.03	0.506	0.767
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 6	DSI4	56640	3690	22.58	24.20	1.452	62.9	1.006	0.01	0.489	0.714
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.04	0.555	0.833
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	55340	3560	22.35	24.20	1.531	62.9	1.006	0.05	0.504	0.776
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	56150	3641	22.30	24.20	1.549	62.9	1.006	0.01	0.512	0.798
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 6	DSI4	56640	3690	22.39	24.20	1.517	62.9	1.006	0.06	0.514	0.784
	LTE Band 48	20M	QPSK	100	0	-	Left Side	5mm	Ant 6	DSI4	55830	3609	22.40	24.20	1.514	62.9	1.006	0.03	0.509	0.775
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 6	DSI4	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.05	0.043	0.059
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 6	DSI4	55830	3609	22.46	24.20	1.493	62.9	1.006	0	0.046	0.069
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 6	DSI4	55830	3609	22.83	24.20	1.371	62.9	1.006	-0.13	0.048	0.066
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 6	DSI4	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.01	0.068	0.102
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI4	55830	3609	22.19	23.80	1.449	62.9	1.006	0.05	0.216	0.315
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI4	55830	3609	21.31	22.80	1.409	62.9	1.006	0.02	0.166	0.235
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI4	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.13	0.067	0.098
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI4	55830	3609	21.31	22.80	1.409	62.9	1.006	0.17	0.059	0.084
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.01	0.532	0.775
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	55340	3560	22.05	23.80	1.496	62.9	1.006	0.06	0.509	0.766
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	56150	3641	22.01	23.80	1.510	62.9	1.006	0	0.413	0.627
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI4	56640	3690	22.15	23.80	1.462	62.9	1.006	-0.04	0.351	0.516
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 1	DSI4	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.15	0.406	0.576
	LTE Band 48	20M	QPSK	100	0	-	Right Side	5mm	Ant 1	DSI4	55830	3609	21.07	22.80	1.489	62.9	1.006	0.11	0.409	0.613
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI4	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.02	0.049	0.071
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI4	55830	3609	21.31	22.80	1.409	62.9	1.006	0.1	0.031	0.044
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 1	DSI4	55830	3609	22.19	23.80	1.449	62.9	1.006	0.04	0.050	0.073
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 1	DSI4	55830	3609	21.31	22.80	1.409	62.9	1.006	0.13	0.000	0.000
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	DSI4	55830	3609	17.29	18.50	1.321	62.9	1.006	-0.11	0.140	0.186
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	DSI4	55830	3609	17.27	18.50	1.327	62.9	1.006	-0.16	0.148	0.198
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI4	55830	3609	17.29	18.50	1.321	62.9	1.006	-0.15	0.067	0.089
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	DSI4	55830	3609	17.27	18.50	1.327	62.9	1.006	-0.06	0.065	0.087
	LTE Band 48	20M	QPSK	1	0	-	Left Side	5mm	Ant 8	DSI4	55830	3609	17.29	18.50	1.321	62.9	1.006	-0.14	0.115	0.153
	LTE Band 48	20M	QPSK	50	0	-	Left Side	5mm	Ant 8	DSI4	55830	3609	17.27	18.50	1.327	62.9	1.006	-0.19	0.102	0.136
	LTE Band 48	20M	QPSK	1	0	-	Right Side	5mm	Ant 8	DSI4	55830	3609	17.29	18.50	1.321	62.9	1.006	0.01	0.000	0.000
	LTE Band 48	20M	QPSK	50	0	-	Right Side	5mm	Ant 8	DSI4	55830	3609	17.27	18.50	1.327	62.9	1.006	0.06	0.000	0.000
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI4	55830	3609	17.29	18.50	1.321	62.9	1.006	0.02	0.519	0.690
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI4	55340	3560	17.15	18.50	1.365	62.9	1.006	-0.08	0.452	0.620
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI4	56150	3641	17.11	18.50	1.377	62.9	1.006	0.1	0.411	0.569
	LTE Band 48	20M	QPSK	1	0	-	Top Side	5mm	Ant 8	DSI4	56640	3690	17.05	18.50	1.396	62.9	1.006	-0.18	0.425	0.597
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI4	55830	3609	17.27	18.50	1.327	62.9	1.006	0.12	0.522	0.697
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI4	55340	3560	17.24	18.50	1.337	62.9	1.006	0.1	0.409	0.550
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI4	56150	3641	17.09	18.50	1.384	62.9	1.006	0.12	0.416	0.579
	LTE Band 48	20M	QPSK	50	0	-	Top Side	5mm	Ant 8	DSI4	56640	3690	17.07	18.50	1.390	62.9	1.006	0.08	0.425	0.594
	LTE Band 48	20M	QPSK	100	0	-	Top Side	5mm	Ant 8	DSI4	55830	3609	17.25	18.50	1.334	62.9	1.006	-0.17	0.437	0.586
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	641666	3624.99	14.72	15.20	1.117	-	-	0.08	0.228	0.255
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	641666	3624.99	14.66	15.20	1.132	-	-	0.01	0.248	0.281
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	641666	3624.99	14.72	15.20	1.117	-	-	0.03	0.035	0.039
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	641666	3624.99	14.66	15.20	1.132	-	-	-0.08	0.000	0.000
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	641666	3624.99	14.72	15.20	1.117	-	-	-0.08	0.545	0.609
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	641666	3624.99	14.66	15.20	1.132	-	-	0.1	0.518	0.587
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	641666	3624.99	14.72	15.20	1.117	-	-	-0.18	0.187	0.209
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	641666	3624.99	14.66	15.20	1.132	-	-	0.1	0.164	0.186
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	641666	3624.99	18.17	19.50	1.358	-	-	0.07	0.284	0.386



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	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	641666	3624.99	18.14	19.50	1.368	-	-	-0.09	0.265	0.362
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	641666	3624.99	18.17	19.50	1.358	-	-	-0.16	0.053	0.072
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	641666	3624.99	18.14	19.50	1.368	-	-	-0.18	0.056	0.077
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	641666	3624.99	18.17	19.50	1.358	-	-	-0.07	0.664	0.902
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	638000	3570	18.14	19.50	1.368			0.06	0.622	0.851
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	645332	3679.98	17.95	19.50	1.429			0.01	0.605	0.864
53	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	641666	3624.99	18.14	19.50	1.368	-	-	0.02	0.789	1.079
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	638000	3570	17.85	19.50	1.462			0.05	0.711	1.040
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	645332	3679.98	17.89	19.50	1.449			0.07	0.705	1.021
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	641666	3624.99	18.11	19.50	1.377	-	-	-0.08	0.708	0.975
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	641666	3624.99	18.17	19.50	1.358	-	-	-0.1	0.049	0.067
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	641666	3624.99	18.14	19.50	1.368	-	-	-0.01	0.058	0.079
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	641666	3624.99	18.17	19.50	1.358	-	-	-0.09	0.053	0.072
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	641666	3624.99	18.14	19.50	1.368	-	-	-0.06	0.061	0.083
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	641666	3624.99	19.36	20.80	1.393	-	-	-0.06	0.233	0.325
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	641666	3624.99	19.33	20.80	1.403	-	-	-0.15	0.220	0.309
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	641666	3624.99	19.36	20.80	1.393	-	-	0.03	0.096	0.134
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	641666	3624.99	19.33	20.80	1.403	-	-	-0.13	0.093	0.130
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	641666	3624.99	19.36	20.80	1.393	-	-	0.16	0.603	0.840
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	638000	3570	19.18	20.80	1.452			0.05	0.577	0.838
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	645332	3679.98	19.20	20.80	1.445			0.07	0.562	0.812
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	641666	3624.99	19.33	20.80	1.403	-	-	-0.07	0.685	0.961
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	638000	3570	19.15	20.80	1.462			0.09	0.612	0.895
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	645332	3679.98	19.15	20.80	1.462			0.01	0.611	0.893
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	641666	3624.99	19.29	20.80	1.416	-	-	-0.02	0.539	0.763
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	641666	3624.99	19.36	20.80	1.393	-	-	-0.09	0.036	0.050
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	641666	3624.99	19.33	20.80	1.403	-	-	0.14	0.031	0.043
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	641666	3624.99	19.36	20.80	1.393	-	-	0.1	0.033	0.046
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	641666	3624.99	19.33	20.80	1.403	-	-	-0.09	0.035	0.049
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	641666	3624.99	16.68	18.00	1.355	-	-	-0.17	0.245	0.332
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	641666	3624.99	16.65	18.00	1.365	-	-	-0.01	0.199	0.272
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	641666	3624.99	16.68	18.00	1.355	-	-	-0.11	0.143	0.194
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	641666	3624.99	16.65	18.00	1.365	-	-	0.14	0.119	0.162
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	641666	3624.99	16.68	18.00	1.355	-	-	0.03	0.114	0.154
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	641666	3624.99	16.65	18.00	1.365	-	-	0.1	0.116	0.158
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	641666	3624.99	16.68	18.00	1.355	-	-	0.16	0.029	0.039
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	641666	3624.99	16.65	18.00	1.365	-	-	-0.06	0.000	0.000
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	641666	3624.99	16.68	18.00	1.355	-	-	0.02	0.644	0.873
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	638000	3570	16.65	18.00	1.365	-	-	0.09	0.605	0.826
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	645332	3679.98	16.59	18.00	1.384	-	-	0.02	0.614	0.850
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	641666	3624.99	16.65	18.00	1.365	-	-	0.04	0.666	0.909
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	638000	3570	16.61	18.00	1.377	-	-	0.08	0.621	0.855
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	645332	3679.98	16.61	18.00	1.377	-	-	-0.06	0.612	0.843
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	641666	3624.99	16.61	18.00	1.377	-	-	-0.16	0.624	0.859
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	656000	3840	15.16	16.00	1.213	-	-	-0.03	0.497	0.603
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	656000	3840	15.14	16.00	1.219	-	-	0.17	0.448	0.546
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	656000	3840	15.16	16.00	1.213	-	-	-0.15	0.067	0.081
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	656000	3840	15.14	16.00	1.219	-	-	0.16	0.042	0.051
54	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	15.16	16.00	1.213	-	-	-0.08	0.842	1.022
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	15.14	16.00	1.219	-	-	0.05	0.658	0.802
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	15.07	16.00	1.239	-	-	-0.06	0.792	0.981
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	656000	3840	15.16	16.00	1.213	-	-	-0.13	0.279	0.339
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	656000	3840	15.14	16.00	1.219	-	-	-0.01	0.239	0.291
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	18.02	19.00	1.253	50	1.000	-0.11	0.745	0.934
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	633334	3500.01	15.41	16.00	1.146	-	-	-0.14	0.301	0.345
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	633334	3500.01	15.38	16.00	1.153	-	-	-0.18	0.271	0.313



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	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	633334	3500.01	15.41	16.00	1.146	-	-	-0.06	0.095	0.109
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	633334	3500.01	15.38	16.00	1.153	-	-	0.02	0.069	0.080
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	15.41	16.00	1.146	-	-	0.16	0.661	0.757
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	15.38	16.00	1.153	-	-	0.01	0.706	0.814
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	15.35	16.00	1.161	-	-	0.09	0.625	0.726
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	633334	3500.01	15.41	16.00	1.146	-	-	0.13	0.262	0.300
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	633334	3500.01	15.38	16.00	1.153	-	-	0.12	0.192	0.221
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	17.96	19.00	1.271	50	1.000	-0.08	0.697	0.886
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	656000	3840	18.16	19.50	1.361	-	-	-0.11	0.212	0.289
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	656000	3840	18.14	19.50	1.368	-	-	-0.16	0.208	0.284
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	656000	3840	18.16	19.50	1.361	-	-	-0.15	0.037	0.050
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	656000	3840	18.14	19.50	1.368	-	-	-0.06	0.036	0.049
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	656000	3840	18.16	19.50	1.361	-	-	-0.14	0.562	0.765
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	656000	3840	18.14	19.50	1.368	-	-	-0.19	0.511	0.699
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	656000	3840	18.07	19.50	1.390	-	-	0.06	0.621	0.863
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	656000	3840	18.16	19.50	1.361	-	-	0.06	0.045	0.061
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	656000	3840	18.14	19.50	1.368	-	-	0.02	0.043	0.059
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	656000	3840	18.16	19.50	1.361	-	-	0.12	0.047	0.064
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	656000	3840	18.14	19.50	1.368	-	-	-0.16	0.048	0.066
	FR1 n77 PC2	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	656000	3840	21.13	22.50	1.371	50	1.000	-0.12	0.574	0.787
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	633334	3500.01	18.16	19.50	1.361	-	-	-0.02	0.128	0.174
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	633334	3500.01	18.11	19.50	1.377	-	-	-0.05	0.189	0.260
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	633334	3500.01	18.16	19.50	1.361	-	-	-0.13	0.000	0.000
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	633334	3500.01	18.11	19.50	1.377	-	-	0.08	0.000	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	18.16	19.50	1.361	-	-	-0.16	0.484	0.659
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	18.11	19.50	1.377	-	-	0.01	0.433	0.596
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	633334	3500.01	18.16	19.50	1.361	-	-	0.1	0.023	0.031
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	633334	3500.01	18.11	19.50	1.377	-	-	-0.04	0.035	0.048
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	633334	3500.01	18.16	19.50	1.361	-	-	-0.01	0.000	0.000
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	633334	3500.01	18.11	19.50	1.377	-	-	0	0.027	0.037
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	21.34	22.50	1.306	50	1.000	-0.11	0.458	0.598
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	656000	3840	17.45	18.50	1.274	-	-	0.12	0.114	0.145
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	656000	3840	17.42	18.50	1.282	-	-	0.08	0.117	0.150
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	656000	3840	17.45	18.50	1.274	-	-	-0.17	0.041	0.052
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	656000	3840	17.42	18.50	1.282	-	-	-0.03	0.039	0.050
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	656000	3840	17.45	18.50	1.274	-	-	0.14	0.229	0.292
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	656000	3840	17.42	18.50	1.282	-	-	0.11	0.264	0.339
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	656000	3840	17.45	18.50	1.274	-	-	-0.05	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	656000	3840	17.42	18.50	1.282	-	-	0.18	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	656000	3840	17.45	18.50	1.274	-	-	0.14	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	656000	3840	17.42	18.50	1.282	-	-	-0.17	0.000	0.000
	FR1 n77 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	656000	3840	20.84	21.50	1.164	50	1.000	0.17	0.262	0.305
	FR1 n77 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	656000	3840	14.89	15.50	1.151	-	-	-0.05	0.115	0.132
	FR1 n77 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	656000	3840	17.88	18.50	1.153	50	1.000	0.01	0.104	0.120
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	633334	3500.01	17.03	18.50	1.403	-	-	-0.15	0.232	0.325
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	633334	3500.01	17.01	18.50	1.409	-	-	0.02	0.173	0.244
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	633334	3500.01	17.03	18.50	1.403	-	-	0.07	0.070	0.098
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	633334	3500.01	17.01	18.50	1.409	-	-	0.16	0.050	0.070
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	17.03	18.50	1.403	-	-	0.13	0.435	0.610
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	17.01	18.50	1.409	-	-	-0.18	0.377	0.531
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	633334	3500.01	17.03	18.50	1.403	-	-	0.02	0.039	0.055
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	633334	3500.01	17.01	18.50	1.409	-	-	0.16	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	633334	3500.01	17.03	18.50	1.403	-	-	-0.03	0.042	0.059
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	633334	3500.01	17.01	18.50	1.409	-	-	0.07	0.000	0.000
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	20.19	21.50	1.352	50	1.000	-0.07	0.455	0.615



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	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	13.59	15.50	1.552	-	-	0	0.296	0.460
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	16.59	18.50	1.552	50	1.000	0.01	0.305	0.473
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	656000	3840	16.49	18.00	1.416	-	-	-0.06	0.199	0.282
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	656000	3840	16.45	18.00	1.429	-	-	-0.04	0.194	0.277
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	656000	3840	16.49	18.00	1.416	-	-	-0.09	0.032	0.045
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	656000	3840	16.45	18.00	1.429	-	-	-0.17	0.030	0.043
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	656000	3840	16.49	18.00	1.416	-	-	-0.1	0.103	0.146
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	656000	3840	16.45	18.00	1.429	-	-	0.18	0.086	0.123
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	656000	3840	16.49	18.00	1.416	-	-	-0.17	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	656000	3840	16.45	18.00	1.429	-	-	-0.04	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	16.49	18.00	1.416	-	-	-0.05	0.584	0.827
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	16.45	18.00	1.429	-	-	0	0.313	0.447
	FR1 n77 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	16.43	18.00	1.435	-	-	-0.13	0.348	0.500
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	19.06	21.00	1.563	50	1.000	-0.09	0.572	0.894
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	13.46	14.50	1.271	-	-	-0.01	0.243	0.309
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	656000	3840	16.75	17.50	1.189	50	1.000	-0.09	0.241	0.286
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	633334	3500.01	16.34	18.00	1.466	-	-	0.02	0.158	0.232
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	633334	3500.01	16.33	18.00	1.469	-	-	-0.13	0.123	0.181
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	633334	3500.01	16.34	18.00	1.466	-	-	0.17	0.116	0.170
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	633334	3500.01	16.33	18.00	1.469	-	-	0.06	0.094	0.138
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	633334	3500.01	16.34	18.00	1.466	-	-	0	0.056	0.082
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	633334	3500.01	16.33	18.00	1.469	-	-	-0.04	0.063	0.093
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	633334	3500.01	16.34	18.00	1.466	-	-	-0.15	0.000	0.000
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	633334	3500.01	16.33	18.00	1.469	-	-	0.11	0.021	0.031
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	16.34	18.00	1.466	-	-	-0.06	0.495	0.725
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	16.33	18.00	1.469	-	-	-0.02	0.452	0.664
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	19.55	21.00	1.396	50	1.000	0.04	0.489	0.683
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	13.07	14.50	1.390	-	-	0.13	0.245	0.341
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	16.19	17.50	1.352	50	1.000	-0.18	0.234	0.316
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	650000	3750	14.75	15.50	1.189	-	-	0.15	0.319	0.379
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	650000	3750	14.71	15.50	1.199	-	-	-0.09	0.284	0.341
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	650000	3750	14.75	15.50	1.189	-	-	0.11	0.052	0.062
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	650000	3750	14.71	15.50	1.199	-	-	-0.05	0.053	0.064
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	650000	3750	14.75	15.50	1.189	-	-	0.01	0.580	0.689
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	650000	3750	14.71	15.50	1.199	-	-	-0.08	0.473	0.567
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	650000	3750	14.68	15.50	1.208	-	-	0.16	0.441	0.533
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	650000	3750	14.75	15.50	1.189	-	-	0.05	0.199	0.237
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	650000	3750	14.71	15.50	1.199	-	-	0.05	0.157	0.188
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	650000	3750	17.39	18.50	1.291	50	1.000	-0.03	0.525	0.678
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	633334	3500.01	14.77	15.50	1.183	-	-	-0.17	0.264	0.312
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI4	633334	3500.01	14.76	15.50	1.186	-	-	-0.08	0.237	0.281
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	633334	3500.01	14.77	15.50	1.183	-	-	-0.04	0.096	0.114
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI4	633334	3500.01	14.76	15.50	1.186	-	-	-0.08	0.069	0.082
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	14.77	15.50	1.183	-	-	0.17	0.577	0.683
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	14.76	15.50	1.186	-	-	0.08	0.606	0.719
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	633334	3500.01	14.77	15.50	1.183	-	-	-0.04	0.254	0.300
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 7	DSI4	633334	3500.01	14.76	15.50	1.186	-	-	-0.08	0.213	0.253
	FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	633334	3500.01	17.47	18.50	1.268	50	1.000	-0.13	0.534	0.677
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	650000	3750	18.56	20.00	1.393	-	-	0.06	0.217	0.302
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	650000	3750	18.54	20.00	1.400	-	-	-0.03	0.195	0.273
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	650000	3750	18.56	20.00	1.393	-	-	-0.03	0.040	0.056
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	650000	3750	18.54	20.00	1.400	-	-	0.08	0.036	0.050
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	650000	3750	18.56	20.00	1.393	-	-	-0.03	0.550	0.766
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	650000	3750	18.54	20.00	1.400	-	-	0.05	0.404	0.565
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	650000	3750	18.56	20.00	1.393	-	-	-0.11	0.040	0.056



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	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	650000	3750	18.54	20.00	1.400	-	-	-0.12	0.035	0.049
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	650000	3750	18.56	20.00	1.393	-	-	0.03	0.038	0.053
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	650000	3750	18.54	20.00	1.400	-	-	-0.16	0.037	0.052
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	650000	3750	21.67	23.00	1.358	50	1.000	-0.02	0.522	0.709
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	633334	3500.01	18.55	20.00	1.396	-	-	-0.1	0.164	0.229
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	DSI4	633334	3500.01	18.52	20.00	1.406	-	-	0.01	0.186	0.262
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	633334	3500.01	18.55	20.00	1.396	-	-	-0.15	0.000	0.000
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	DSI4	633334	3500.01	18.52	20.00	1.406	-	-	0.19	0.000	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	18.55	20.00	1.396	-	-	-0.05	0.494	0.690
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	18.52	20.00	1.406	-	-	0.01	0.451	0.634
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	633334	3500.01	18.55	20.00	1.396	-	-	0.03	0.026	0.036
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 6	DSI4	633334	3500.01	18.52	20.00	1.406	-	-	-0.15	0.028	0.039
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	633334	3500.01	18.55	20.00	1.396	-	-	-0.15	0.030	0.042
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 6	DSI4	633334	3500.01	18.52	20.00	1.406	-	-	0.11	0.034	0.048
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6	DSI4	633334	3500.01	21.73	23.00	1.340	50	1.000	-0.08	0.484	0.648
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	650000	3750	17.69	18.50	1.205	-	-	0.05	0.118	0.142
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	650000	3750	17.65	18.50	1.216	-	-	0.06	0.103	0.125
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	650000	3750	17.69	18.50	1.205	-	-	-0.09	0.060	0.072
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	650000	3750	17.65	18.50	1.216	-	-	-0.08	0.049	0.060
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	650000	3750	17.69	18.50	1.205	-	-	-0.07	0.316	0.381
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	650000	3750	17.65	18.50	1.216	-	-	0.13	0.243	0.296
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	650000	3750	17.69	18.50	1.205	-	-	0.12	0.028	0.034
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	650000	3750	17.65	18.50	1.216	-	-	0.03	0.033	0.040
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	650000	3750	17.69	18.50	1.205	-	-	0.18	0.000	0.000
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	650000	3750	17.65	18.50	1.216	-	-	0.16	0.032	0.039
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	650000	3750	20.68	21.50	1.208	50	1.000	-0.1	0.297	0.359
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	650000	3750	14.11	15.50	1.377	-	-	0.07	0.122	0.168
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	650000	3750	17.18	18.50	1.355	50	1.000	0.18	0.135	0.183
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	633334	3500.01	17.86	18.50	1.159	-	-	-0.05	0.154	0.178
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI4	633334	3500.01	17.84	18.50	1.164	-	-	0.18	0.120	0.140
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	633334	3500.01	17.86	18.50	1.159	-	-	0.14	0.045	0.052
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI4	633334	3500.01	17.84	18.50	1.164	-	-	-0.17	0.034	0.040
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	17.86	18.50	1.159	-	-	0.17	0.361	0.418
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	17.84	18.50	1.164	-	-	-0.05	0.248	0.289
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	633334	3500.01	17.86	18.50	1.159	-	-	0.01	0.000	0.000
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI4	633334	3500.01	17.84	18.50	1.164	-	-	0.1	0.022	0.026
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	633334	3500.01	17.86	18.50	1.159	-	-	-0.17	0.032	0.037
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI4	633334	3500.01	17.84	18.50	1.164	-	-	0.04	0.000	0.000
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	20.98	21.50	1.127	50	1.000	-0.02	0.387	0.436
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	13.91	15.50	1.442	-	-	-0.01	0.203	0.293
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1	DSI4	633334	3500.01	16.89	18.50	1.449	50	1.000	-0.08	0.196	0.284
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	650000	3750	16.42	18.00	1.439	-	-	0.08	0.299	0.430
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	650000	3750	16.38	18.00	1.452	-	-	0.01	0.325	0.472
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	650000	3750	16.42	18.00	1.439	-	-	-0.08	0.080	0.115
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	650000	3750	16.38	18.00	1.452	-	-	-0.08	0.051	0.074
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	650000	3750	16.42	18.00	1.439	-	-	0.1	0.108	0.155
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	650000	3750	16.38	18.00	1.452	-	-	-0.18	0.119	0.173
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	650000	3750	16.42	18.00	1.439	-	-	0.1	0.000	0.000
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	650000	3750	16.38	18.00	1.452	-	-	0.12	0.000	0.000
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	16.42	18.00	1.439	-	-	-0.17	0.653	0.940
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	16.38	18.00	1.452	-	-	0.01	0.611	0.887
	FR1 n78 Other_PA	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	16.30	18.00	1.479	-	-	-0.03	0.557	0.824
55	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	19.41	21.00	1.442	50	1.000	-0.02	0.709	1.022
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	13.47	14.50	1.268	-	-	0.14	0.460	0.583
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	650000	3750	16.56	17.50	1.242	50	1.000	0.11	0.430	0.534



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	PC2																		
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	633334	3500.01	16.39	18.00	1.449	-	-	0.1	0.157	0.227
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI4	633334	3500.01	16.36	18.00	1.459	-	-	-0.17	0.120	0.175
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	633334	3500.01	16.39	18.00	1.449	-	-	0.04	0.103	0.149
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI4	633334	3500.01	16.36	18.00	1.459	-	-	-0.01	0.105	0.153
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	633334	3500.01	16.39	18.00	1.449	-	-	-0.08	0.065	0.094
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI4	633334	3500.01	16.36	18.00	1.459	-	-	0.05	0.055	0.080
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	633334	3500.01	16.39	18.00	1.449	-	-	0.06	0.022	0.032
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI4	633334	3500.01	16.36	18.00	1.459	-	-	-0.09	0.019	0.028
FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	16.39	18.00	1.449	-	-	-0.08	0.436	0.632
FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	16.36	18.00	1.459	-	-	-0.08	0.449	0.655
FR1 n78 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	20.37	21.00	1.156	50	1.000	0.03	0.510	0.590
FR1 n78 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	12.86	14.50	1.459	-	-	0.18	0.250	0.365
FR1 n78 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI4	633334	3500.01	15.86	17.50	1.459	50	1.000	0.16	0.233	0.340

Plot No.	Band	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)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 9+10	standalone	1	2412	19.71	20.50	1.199	100	1.000	0.08	0.299	0.359
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 9+10	standalone	1	2412	19.71	20.50	1.199	100	1.000	0.01	0.043	0.052
56	WLAN2.4GHz	802.11b 1Mbps	Left Side	5mm	Ant 9+10	standalone	1	2412	19.71	20.50	1.199	100	1.000	-0.02	0.816	0.979
	WLAN2.4GHz	802.11b 1Mbps	Left Side	5mm	Ant 9+10	standalone	6	2437	19.68	20.50	1.208	100	1.000	-0.08	0.792	0.957
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 9+10	standalone	1	2412	19.71	20.50	1.199	100	1.000	0.03	0.073	0.088
	Bluetooth	1Mbps	Front	5mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.08	0.145	0.225
	Bluetooth	1Mbps	Back	5mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.1	0.000	0.000
	Bluetooth	1Mbps	Left Side	5mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.18	0.038	0.059
	Bluetooth	1Mbps	Top Side	5mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.04	0.233	0.361
	Bluetooth	1Mbps	Front	5mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.1	0.153	0.225
	Bluetooth	1Mbps	Back	5mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.12	0.000	0.000
57	Bluetooth	1Mbps	Left Side	5mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.05	0.376	0.553
	Bluetooth	1Mbps	Top Side	5mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.08	0.067	0.099
2450MHz																
	WLAN5.2GHz	802.11a 6Mbps	Front	5mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.193	99.32	1.007	-0.03	0.408	0.490
	WLAN5.2GHz	802.11a 6Mbps	Back	5mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.193	99.32	1.007	0.14	0.000	0.000
58	WLAN5.2GHz	802.11a 6Mbps	Left Side	5mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.193	99.32	1.007	-0.03	0.625	0.751
	WLAN5.2GHz	802.11a 6Mbps	Top Side	5mm	Ant 8+10	Full power	40	5200	19.73	20.50	1.193	99.32	1.007	-0.05	0.396	0.476
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.04	0.768	0.884
	WLAN5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.08	0.120	0.138
59	WLAN5.8GHz	802.11n-HT40 MCS0	Left Side	5mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.01	0.815	0.938
	WLAN5.8GHz	802.11n-HT40 MCS0	Top Side	5mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.09	0.585	0.673



16.3 Body Worn Accessory SAR

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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)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
60	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 1	DSi7	23095	707.5	24.64	25.50	1.219	-	-	-0.15	0.198	0.241
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 1	DSi7	23095	707.5	23.58	24.50	1.236	-	-	-0.16	0.164	0.203
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 1	DSi7	23095	707.5	24.64	25.50	1.219	-	-	-0.12	0.186	0.227
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 1	DSi7	23095	707.5	23.58	24.50	1.236	-	-	0.07	0.158	0.195
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 0	DSi7	23095	707.5	24.83	25.70	1.222	-	-	0.05	0.092	0.112
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 0	DSi7	23095	707.5	24.05	24.70	1.161	-	-	0.06	0.073	0.085
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSi7	23095	707.5	24.83	25.70	1.222	-	-	-0.09	0.113	0.138
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSi7	23095	707.5	24.05	24.70	1.161	-	-	-0.08	0.091	0.106
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi7	141500	707.5	25.01	25.70	1.172	-	-	0.08	0.242	0.284
61	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi7	141500	707.5	24.92	25.70	1.197	-	-	-0.02	0.275	0.329
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi7	141500	707.5	25.01	25.70	1.172	-	-	0.01	0.219	0.257
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi7	141500	707.5	24.92	25.70	1.197	-	-	0.03	0.252	0.302
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi7	141500	707.5	25.17	25.70	1.130	-	-	0.13	0.075	0.085
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi7	141500	707.5	25.10	25.70	1.148	-	-	0.12	0.083	0.095
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi7	141500	707.5	25.17	25.70	1.130	-	-	0.03	0.086	0.097
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi7	141500	707.5	25.10	25.70	1.148	-	-	0.18	0.104	0.119
835MHz																				
62	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 1	DSi7	189	836.4	26.86	28.00	1.300	-	-	-0.01	0.279	0.363
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 1	DSi7	189	836.4	26.86	28.00	1.300	-	-	-0.08	0.251	0.326
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 0	DSi7	189	836.4	27.15	28.50	1.365	-	-	0.16	0.076	0.104
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 0	DSi7	189	836.4	27.15	28.50	1.365	-	-	-0.1	0.114	0.156
63	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSi7	4182	836.4	22.93	24.00	1.279	-	-	0.06	0.330	0.422
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSi7	4182	836.4	22.93	24.00	1.279	-	-	0.03	0.305	0.390
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 0	DSi7	4182	836.4	24.95	25.70	1.189	-	-	0.07	0.095	0.113
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSi7	4182	836.4	24.95	25.70	1.189	-	-	0.18	0.177	0.210
64	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 1	DSi7	26865	831.5	24.54	25.50	1.247	-	-	0.08	0.315	0.393
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 1	DSi7	26865	831.5	23.54	24.50	1.247	-	-	-0.01	0.271	0.338
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 1	DSi7	26865	831.5	24.54	25.50	1.247	-	-	0	0.302	0.377
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 1	DSi7	26865	831.5	23.54	24.50	1.247	-	-	-0.11	0.258	0.322
	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 0	DSi7	26865	831.5	24.84	25.70	1.219	-	-	-0.1	0.094	0.115
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 0	DSi7	26865	831.5	23.91	24.70	1.199	-	-	0.01	0.076	0.091
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 0	DSi7	26865	831.5	24.84	25.70	1.219	-	-	-0.15	0.170	0.207
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 0	DSi7	26865	831.5	23.91	24.70	1.199	-	-	0.19	0.141	0.169
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi7	166300	831.5	23.30	23.70	1.096	-	-	0.08	0.304	0.333
65	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi7	166300	831.5	23.26	23.70	1.107	-	-	0.07	0.351	0.388
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi7	166300	831.5	23.30	23.70	1.096	-	-	0.01	0.277	0.304
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi7	166300	831.5	23.26	23.70	1.107	-	-	0.03	0.309	0.342
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi7	166300	831.5	25.44	25.70	1.062	-	-	0.07	0.094	0.100
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi7	166300	831.5	25.37	25.70	1.079	-	-	-0.18	0.098	0.106
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi7	166300	831.5	25.44	25.70	1.062	-	-	0.03	0.153	0.162
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi7	166300	831.5	25.37	25.70	1.079	-	-	0.01	0.167	0.180
1750MHz																				
66	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 5	DSi7	1413	1732.6	24.17	25.00	1.211	-	-	-0.1	0.532	0.644
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 5	DSi7	1413	1732.6	24.17	25.00	1.211	-	-	0.08	0.524	0.634
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 6	DSi7	1413	1732.6	23.36	25.00	1.459	-	-	-0.15	0.237	0.346
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 6	DSi7	1413	1732.6	23.36	25.00	1.459	-	-	0.11	0.226	0.330
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 0	DSi7	1413	1732.6	21.71	23.30	1.442	-	-	0.01	0.256	0.369
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSi7	1413	1732.6	21.71	23.30	1.442	-	-	0.1	0.324	0.467
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSi7	1413	1732.6	21.35	23.00	1.462	-	-	-0.08	0.240	0.351



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	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI7	1413	1732.6	21.35	23.00	1.462	-	-	-0.17	0.163	0.238
67	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	20175	1732.5	24.79	25.70	1.233	-	-	0.07	0.557	0.687
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	20175	1732.5	23.69	24.70	1.262	-	-	-0.02	0.468	0.591
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	20175	1732.5	24.79	25.70	1.233	-	-	-0.05	0.528	0.651
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	20175	1732.5	23.69	24.70	1.262	-	-	-0.13	0.440	0.555
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	20175	1732.5	23.99	25.70	1.483	-	-	-0.09	0.267	0.396
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	20175	1732.5	23.36	24.70	1.361	-	-	-0.08	0.226	0.308
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	20175	1732.5	23.99	25.70	1.483	-	-	0.1	0.249	0.369
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	20175	1732.5	23.36	24.70	1.361	-	-	-0.18	0.207	0.282
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI7	20175	1732.5	22.26	22.70	1.107	-	-	0.12	0.237	0.262
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI7	20175	1732.5	22.08	22.70	1.153	-	-	0.08	0.235	0.271
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	20175	1732.5	22.26	22.70	1.107	-	-	-0.17	0.318	0.352
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	20175	1732.5	22.08	22.70	1.153	-	-	-0.03	0.301	0.347
	LTE Band 4 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	20175	1732.5	20.01	21.00	1.256	-	-	0.14	0.313	0.393
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	20175	1732.5	22.45	23.20	1.189	-	-	-0.08	0.143	0.170
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI7	20175	1732.5	22.40	23.20	1.202	-	-	-0.04	0.131	0.157
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI7	20175	1732.5	22.45	23.20	1.189	-	-	-0.08	0.135	0.160
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	20175	1732.5	22.40	23.20	1.202	-	-	0.17	0.137	0.165
	LTE Band 4 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	20175	1732.5	20.09	21.50	1.384	-	-	0.18	0.102	0.141
68	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	132322	1745	24.84	25.70	1.219	-	-	-0.09	0.543	0.662
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	132322	1745	23.61	24.70	1.285	-	-	0.08	0.452	0.581
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	132322	1745	24.84	25.70	1.219	-	-	0.16	0.519	0.633
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	132322	1745	23.61	24.70	1.285	-	-	0.01	0.425	0.546
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	132322	1745	23.99	25.70	1.483	-	-	-0.04	0.262	0.388
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	132322	1745	23.43	24.70	1.340	-	-	0.02	0.222	0.297
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	132322	1745	23.99	25.70	1.483	-	-	0.01	0.256	0.380
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	132322	1745	23.43	24.70	1.340	-	-	0.05	0.201	0.269
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI7	132322	1745	22.33	22.70	1.089	-	-	0.17	0.208	0.226
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI7	132322	1745	22.31	22.70	1.094	-	-	-0.05	0.198	0.217
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	132322	1745	22.33	22.70	1.089	-	-	0.01	0.262	0.285
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	132322	1745	22.31	22.70	1.094	-	-	-0.17	0.269	0.294
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	132322	1745	19.51	21.00	1.409	-	-	0.01	0.163	0.230
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	132322	1745	22.46	22.70	1.057	-	-	-0.04	0.081	0.086
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI7	132322	1745	22.40	22.70	1.072	-	-	-0.08	0.082	0.088
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI7	132322	1745	22.46	22.70	1.057	-	-	-0.13	0.088	0.093
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	132322	1745	22.40	22.70	1.072	-	-	0.06	0.089	0.095
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	132322	1745	19.05	20.70	1.462	-	-	-0.13	0.057	0.083
69	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	349000	1745	25.37	25.70	1.079	-	-	-0.13	0.627	0.676
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	349000	1745	24.95	25.70	1.189	-	-	0.1	0.555	0.660
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	349000	1745	25.37	25.70	1.079	-	-	0.12	0.564	0.609
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	349000	1745	24.95	25.70	1.189	-	-	0.08	0.565	0.672
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	349000	1745	24.38	25.70	1.355	-	-	-0.08	0.317	0.430
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	349000	1745	23.99	25.70	1.483	-	-	-0.08	0.336	0.498
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	349000	1745	24.38	25.70	1.355	-	-	0.1	0.354	0.480
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	349000	1745	23.99	25.70	1.483	-	-	-0.01	0.357	0.529
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI7	349000	1745	21.38	21.70	1.076	-	-	0.14	0.295	0.318
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI7	349000	1745	21.37	21.70	1.079	-	-	-0.17	0.314	0.339
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	349000	1745	21.38	21.70	1.076	-	-	0.17	0.391	0.421
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	349000	1745	21.37	21.70	1.079	-	-	-0.12	0.442	0.477
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	349000	1745	18.73	20.20	1.403	-	-	0.01	0.232	0.325



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	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	349000	1745	22.26	22.70	1.107	-	-	-0.03	0.142	0.157
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	349000	1745	22.16	22.70	1.132	-	-	0.04	0.162	0.183
	FR1 n66 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI7	349000	1745	22.26	22.70	1.107	-	-	0.08	0.126	0.139
	FR1 n66 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI7	349000	1745	22.16	22.70	1.132	-	-	-0.07	0.153	0.173
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	349000	1745	19.15	20.50	1.365	-	-	0.01	0.122	0.166
1900MHz																				
70	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 5	DSI7	661	1880	23.13	25.00	1.538	-	-	-0.07	0.122	0.188
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 5	DSI7	661	1880	23.13	25.00	1.538	-	-	-0.08	0.113	0.174
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 6	DSI7	661	1880	23.66	24.50	1.213	-	-	-0.11	0.054	0.066
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 6	DSI7	661	1880	23.66	24.50	1.213	-	-	-0.12	0.052	0.063
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 5	DSI7	9400	1880	24.15	25.00	1.216	-	-	-0.14	0.362	0.440
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 5	DSI7	9400	1880	24.15	25.00	1.216	-	-	0.01	0.357	0.434
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 6	DSI7	9400	1880	23.54	25.00	1.400	-	-	0.03	0.154	0.216
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 6	DSI7	9400	1880	23.54	25.00	1.400	-	-	-0.16	0.136	0.190
71	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	18900	1880	23.99	25.00	1.262	-	-	0.02	0.362	0.457
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	18900	1880	23.07	24.00	1.239	-	-	0	0.302	0.374
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	18900	1880	23.99	25.00	1.262	-	-	-0.04	0.343	0.433
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	18900	1880	23.07	24.00	1.239	-	-	-0.15	0.285	0.353
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	18900	1880	23.36	25.00	1.459	-	-	-0.02	0.174	0.254
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	18900	1880	22.55	24.00	1.396	-	-	0.15	0.139	0.194
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	18900	1880	23.36	25.00	1.459	-	-	-0.09	0.131	0.191
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	18900	1880	22.55	24.00	1.396	-	-	0.11	0.108	0.151
72	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	376000	1880	24.46	25.30	1.213	-	-	0.05	0.493	0.598
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	376000	1880	24.34	25.30	1.247	-	-	0.08	0.420	0.524
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	376000	1880	24.46	25.30	1.213	-	-	0.01	0.459	0.557
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	376000	1880	24.34	25.30	1.247	-	-	0.03	0.385	0.480
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	376000	1880	23.91	25.20	1.346	-	-	-0.05	0.164	0.221
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	376000	1880	23.73	25.20	1.403	-	-	-0.08	0.127	0.178
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	376000	1880	23.91	25.20	1.346	-	-	0.16	0.148	0.199
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	376000	1880	23.73	25.20	1.403	-	-	0.05	0.116	0.163
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	21100	2535	24.47	25.20	1.183	-	-	0.11	0.679	0.803
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	20850	2510	24.45	25.20	1.189	-	-	-0.02	0.763	0.907
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	21350	2535	24.33	25.20	1.222	-	-	0.1	0.707	0.864
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	21100	2535	24.41	24.70	1.069	-	-	0.04	0.652	0.697
	LTE Band 7	20M	QPSK	100	0	-	Front	15mm	Ant 5	DSI7	21100	2535	24.36	24.70	1.081	-	-	-0.11	0.656	0.709
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	21100	2535	24.47	25.20	1.183	-	-	-0.16	0.730	0.864
73	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	20850	2510	24.45	25.20	1.189	-	-	-0.03	0.840	0.998
	LTE Band 7C	20M	QPSK	1	99	-	Back	15mm	Ant 5	DSI7	20850+21048	2510+2529.8	23.81	25.20	1.377	-	-	0.09	0.701	0.965
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	21350	2535	24.33	25.20	1.222	-	-	-0.15	0.742	0.907
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	21100	2535	24.41	24.70	1.069	-	-	-0.06	0.695	0.743
	LTE Band 7	20M	QPSK	100	0	-	Back	15mm	Ant 5	DSI7	21100	2535	24.36	24.70	1.081	-	-	0.01	0.722	0.781
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	21100	2535	23.91	25.70	1.510	-	-	-0.08	0.258	0.390
	LTE Band 7C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI7	21100+21298	2535+2554.8	23.79	25.70	1.552	-	-	0.09	0.214	0.332
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	21100	2535	22.99	24.70	1.483	-	-	-0.16	0.204	0.302
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	21100	2535	23.91	25.70	1.510	-	-	0.08	0.207	0.313
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	21100	2535	22.99	24.70	1.483	-	-	-0.09	0.178	0.264
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI7	21100	2535	22.77	23.20	1.104	-	-	0.05	0.123	0.136
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI7	21100	2535	22.69	23.20	1.125	-	-	-0.03	0.121	0.136
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	21100	2535	22.77	23.20	1.104	-	-	-0.15	0.187	0.206
	LTE Band 7C Other PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI7	21100+21298	2535+2554.8	22.45	23.20	1.189	-	-	0.01	0.155	0.184
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	21100	2535	22.69	23.20	1.125	-	-	0.02	0.180	0.202
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	21100	2535	20.82	22.00	1.312	-	-	0.07	0.152	0.199



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	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	21100	2535	22.67	23.20	1.130	-	-	-0.09	0.251	0.284
	LTE Band 7C Other_PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI7	21100+ 21298	2535+ 2554.8	22.51	23.20	1.172	-	-	0.05	0.241	0.282
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI7	21100	2535	22.58	23.20	1.153	-	-	-0.08	0.230	0.265
	LTE Band 7 Other_PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI7	21100	2535	22.67	23.20	1.130	-	-	0.13	0.249	0.281
	LTE Band 7 Other_PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	21100	2535	22.58	23.20	1.153	-	-	0.12	0.243	0.280
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	21100	2535	20.85	22.00	1.303	-	-	0.03	0.139	0.181
	LTE Band 38	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	38000	2595	25.24	25.70	1.112	62.9	1.006	0.06	0.506	0.566
	LTE Band 38	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	38000	2595	24.32	24.70	1.091	62.9	1.006	0.02	0.398	0.437
74	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	38000	2595	25.24	25.70	1.112	62.9	1.006	0.06	0.535	0.598
	LTE Band 38C	20M	QPSK	1	99	-	Back	15mm	Ant 5	DSI7	37901+ 38099	2585.1+ 2604.9	24.21	25.70	1.409	62.9	1.006	0.09	0.411	0.583
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	38000	2595	24.32	24.70	1.091	62.9	1.006	0.12	0.429	0.471
	LTE Band 38	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	38000	2595	23.99	25.50	1.416	62.9	1.006	0.09	0.171	0.244
	LTE Band 38C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI7	37901+ 38099	2585.1+ 2604.9	23.95	25.50	1.429	62.9	1.006	0.05	0.121	0.174
	LTE Band 38	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	38000	2595	23.11	24.50	1.377	62.9	1.006	0.13	0.136	0.188
	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	38000	2595	23.99	25.50	1.416	62.9	1.006	-0.18	0.146	0.208
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	38000	2595	23.11	24.50	1.377	62.9	1.006	0.02	0.113	0.157
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI7	38000	2595	24.29	24.70	1.099	62.9	1.006	0.16	0.079	0.087
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI7	38000	2595	24.24	24.70	1.112	62.9	1.006	-0.03	0.073	0.082
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	38000	2595	24.29	24.70	1.099	62.9	1.006	0.07	0.116	0.128
	LTE Band 38C Other_PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI7	37901+ 38099	2585.1+ 2604.9	23.85	24.70	1.216	62.9	1.006	0.06	0.087	0.106
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	38000	2595	24.24	24.70	1.112	62.9	1.006	0	0.107	0.120
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	38000	2595	22.46	23.00	1.132	-	-	0.01	0.111	0.126
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	38000	2595	23.24	23.70	1.112	62.9	1.006	-0.01	0.145	0.162
	LTE Band 38C Other_PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI7	37901+ 38099	2585.1+ 2604.9	22.86	23.70	1.213	62.9	1.006	0.06	0.102	0.125
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI7	38000	2595	23.15	23.70	1.135	62.9	1.006	-0.06	0.133	0.152
	LTE Band 38 Other_PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI7	38000	2595	23.24	23.70	1.112	62.9	1.006	-0.04	0.144	0.161
	LTE Band 38 Other_PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	38000	2595	23.15	23.70	1.135	62.9	1.006	-0.09	0.139	0.159
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	38000	2595	21.27	22.00	1.183	-	-	-0.17	0.136	0.161
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI7	40620	2593	25.24	25.70	1.112	62.9	1.006	-0.16	0.479	0.536
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI7	40620	2593	24.06	24.70	1.159	62.9	1.006	0.1	0.384	0.448
75	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI7	40620	2593	25.24	25.70	1.112	62.9	1.006	-0.06	0.519	0.580
	LTE Band 41C	20M	QPSK	1	99	-	Back	15mm	Ant 5	DSI7	40620+ 40818	2593+ 2612.8	24.86	25.70	1.213	62.9	1.006	0.07	0.414	0.505
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI7	40620	2593	24.06	24.70	1.159	62.9	1.006	-0.04	0.421	0.491
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI7	40620	2593	24.01	25.50	1.409	62.9	1.006	-0.1	0.181	0.257
	LTE Band 41C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI7	40620+ 40818	2593+ 2612.8	23.89	25.50	1.449	62.9	1.006	0.06	0.132	0.192
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI7	40620	2593	23.02	24.50	1.406	62.9	1.006	0.18	0.143	0.202
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI7	40620	2593	24.01	25.50	1.409	62.9	1.006	-0.17	0.149	0.211
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI7	40620	2593	23.02	24.50	1.406	62.9	1.006	-0.04	0.120	0.170
	LTE Band 41Other_PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI7	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.05	0.074	0.080
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI7	40620	2593	24.29	24.70	1.099	62.9	1.006	0	0.072	0.080
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.13	0.113	0.122
	LTE Band 41C Other_PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI7	40620+ 40818	2593+ 2612.8	23.79	24.70	1.233	62.9	1.006	0.04	0.091	0.113
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI7	40620	2593	24.29	24.70	1.099	62.9	1.006	-0.01	0.108	0.119
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI7	40620	2593	22.41	23.00	1.146	-	-	-0.09	0.102	0.117
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	40620	2593	23.25	23.70	1.109	62.9	1.006	0.05	0.142	0.158
	LTE Band 41C Other_PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI7	40620+ 40818	2593+ 2612.8	23.05	23.70	1.161	62.9	1.006	0.04	0.115	0.134
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI7	40620	2593	23.23	23.70	1.114	62.9	1.006	0.02	0.136	0.152
	LTE Band 41 Other_PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI7	40620	2593	23.25	23.70	1.109	62.9	1.006	-0.13	0.141	0.157
	LTE Band 41 Other_PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI7	40620	2593	23.23	23.70	1.114	62.9	1.006	0.17	0.139	0.156
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI7	40620	2593	21.24	22.00	1.191	-	-	0.06	0.140	0.167
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	507000	2535	25.37	25.70	1.079	-	-	-0.05	0.720	0.777
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	507000	2535	25.27	25.70	1.104	-	-	0.01	0.728	0.804



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	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI7	507000	2535	24.35	24.70	1.084	-	-	0.1	0.595	0.645
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	507000	2535	25.37	25.70	1.079	-	-	-0.17	0.758	0.818
76	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	507000	2535	25.27	25.70	1.104	-	-	-0.01	0.771	0.851
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI7	507000	2535	24.35	24.70	1.084	-	-	0.04	0.594	0.644
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	507000	2535	25.06	25.70	1.159	-	-	-0.08	0.350	0.406
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI7	507000	2535	24.83	25.70	1.222	-	-	-0.08	0.322	0.393
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	507000	2535	25.06	25.70	1.159	-	-	0.1	0.354	0.410
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI7	507000	2535	24.83	25.70	1.222	-	-	-0.18	0.321	0.392
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI7	507000	2535	22.85	23.20	1.084	-	-	0.12	0.120	0.130
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI7	507000	2535	22.80	23.20	1.096	-	-	0.08	0.111	0.122
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	507000	2535	22.85	23.20	1.084	-	-	-0.17	0.179	0.194
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	507000	2535	22.80	23.20	1.096	-	-	-0.03	0.180	0.197
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI7	507000	2535	21.41	22.00	1.146	-	-	0.14	0.114	0.131
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	507000	2535	21.33	21.70	1.089	-	-	-0.05	0.259	0.282
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	507000	2535	21.30	21.70	1.096	-	-	0.18	0.276	0.303
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI7	507000	2535	21.33	21.70	1.089	-	-	0.14	0.256	0.279
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI7	507000	2535	21.30	21.70	1.096	-	-	-0.17	0.272	0.298
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI7	507000	2535	21.72	22.50	1.197	-	-	0.17	0.191	0.229
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	519000	2595	25.17	25.70	1.130	-	-	0.08	0.788	0.890
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	519000	2595	24.91	25.70	1.199	-	-	0.01	0.765	0.918
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	519000	2595	24.12	24.70	1.143	-	-	0.03	0.718	0.821
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	519000	2595	25.17	25.70	1.130	-	-	0.01	0.815	0.921
77	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	519000	2595	24.91	25.70	1.199	-	-	-0.04	0.909	1.090
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	519000	2595	24.12	24.70	1.143	-	-	-0.08	0.701	0.801
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI7	519000	2595	24.69	25.50	1.205	-	-	-0.18	0.301	0.363
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI7	519000	2595	24.40	24.50	1.023	-	-	0.1	0.283	0.290
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI7	519000	2595	24.69	25.50	1.205	-	-	0.12	0.279	0.336
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI7	519000	2595	24.40	24.50	1.023	-	-	0.08	0.279	0.285
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI7	519000	2595	24.33	24.70	1.089	-	-	-0.13	0.113	0.123
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI7	519000	2595	24.31	24.70	1.094	-	-	-0.01	0.104	0.114
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	519000	2595	24.33	24.70	1.089	-	-	-0.01	0.191	0.208
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	519000	2595	24.31	24.70	1.094	-	-	-0.11	0.157	0.172
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	519000	2595	22.81	23.00	1.045	-	-	0.19	0.112	0.117
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI7	519000	2595	20.91	21.20	1.069	-	-	-0.17	0.248	0.265
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI7	519000	2595	20.88	21.20	1.076	-	-	-0.03	0.210	0.226
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI7	519000	2595	20.91	21.20	1.069	-	-	0.14	0.181	0.193
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI7	519000	2595	20.88	21.20	1.076	-	-	0.11	0.192	0.207
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI7	519000	2595	19.05	19.50	1.109	-	-	-0.05	0.442	0.490
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	518598	2592.99	25.18	25.70	1.127	-	-	0.07	0.897	1.011
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	518598	2592.99	25.07	25.70	1.156	-	-	0.18	0.866	1.001
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI7	518598	2592.99	24.16	24.70	1.132	-	-	-0.1	0.838	0.949
78	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	518598	2592.99	25.18	25.70	1.127	-	-	-0.09	0.931	1.049
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	518598	2592.99	25.07	25.70	1.156	-	-	0.01	0.814	0.941
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI7	518598	2592.99	24.16	24.70	1.132	-	-	-0.15	0.856	0.969
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI7	518598	2592.99	24.25	25.70	1.396	-	-	0.06	0.297	0.415
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI7	518598	2592.99	24.19	25.70	1.416	-	-	0.01	0.284	0.402
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI7	518598	2592.99	24.25	25.70	1.396	-	-	0.03	0.281	0.392
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI7	518598	2592.99	24.19	25.70	1.416	-	-	-0.08	0.277	0.392
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI7	518598	2592.99	23.89	24.20	1.074	-	-	0.1	0.124	0.133
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI7	518598	2592.99	23.87	24.20	1.079	-	-	-0.18	0.106	0.114
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	518598	2592.99	23.89	24.20	1.074	-	-	0.1	0.203	0.218
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	518598	2592.99	23.87	24.20	1.079	-	-	0.12	0.168	0.181
	FR1 n41 Main PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI7	518598	2592.99	22.08	22.50	1.102	-	-	0.08	0.123	0.135
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI7	518598	2592.99	21.46	22.20	1.186	-	-	-0.03	0.273	0.324
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI7	518598	2592.99	21.42	22.20	1.197	-	-	0.14	0.223	0.267
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI7	518598	2592.99	21.46	22.20	1.186	-	-	0.11	0.228	0.270



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	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	518598	2592.99	21.42	22.20	1.197	-	-	-0.05	0.195	0.233
	FR1 n41 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	518598	2592.99	19.72	20.50	1.197	-	-	0.18	0.135	0.162
3500MHz																				
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 7	DSi7	42590	3500	20.58	21.20	1.153	62.9	1.006	-0.06	0.183	0.212
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 7	DSi7	42590	3500	20.48	21.20	1.180	62.9	1.006	-0.15	0.190	0.226
79	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 7	DSi7	42590	3500	20.58	21.20	1.153	62.9	1.006	0.06	0.204	0.237
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 7	DSi7	42590	3500	20.48	21.20	1.180	62.9	1.006	0.03	0.199	0.236
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSi7	42590	3500	22.88	24.50	1.452	62.9	1.006	-0.17	0.081	0.118
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSi7	42590	3500	22.55	23.50	1.245	62.9	1.006	0.04	0.080	0.100
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSi7	42590	3500	22.88	24.50	1.452	62.9	1.006	-0.01	0.068	0.099
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSi7	42590	3500	22.55	23.50	1.245	62.9	1.006	-0.08	0.080	0.100
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSi7	42590	3500	20.85	22.50	1.462	62.9	1.006	0.06	0.107	0.157
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSi7	42590	3500	20.81	22.50	1.476	62.9	1.006	-0.09	0.086	0.128
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSi7	42590	3500	20.85	22.50	1.462	62.9	1.006	-0.08	0.113	0.166
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSi7	42590	3500	20.81	22.50	1.476	62.9	1.006	0.13	0.098	0.145
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 8	DSi7	42590	3500	20.33	21.00	1.167	62.9	1.006	0.03	0.046	0.054
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 8	DSi7	42590	3500	19.47	20.00	1.130	62.9	1.006	0.18	0.043	0.049
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 8	DSi7	42590	3500	20.33	21.00	1.167	62.9	1.006	0.16	0.041	0.048
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 8	DSi7	42590	3500	19.47	20.00	1.130	62.9	1.006	-0.1	0.042	0.048
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 7	DSi7	55830	3609	21.19	21.70	1.124	62.9	1.006	-0.17	0.102	0.115
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 7	DSi7	55830	3609	21.09	21.70	1.151	62.9	1.006	-0.09	0.116	0.134
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 7	DSi7	55830	3609	21.19	21.70	1.124	62.9	1.006	0.18	0.116	0.131
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 7	DSi7	55830	3609	21.09	21.70	1.151	62.9	1.006	0.01	0.166	0.192
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSi7	55830	3609	23.71	25.20	1.409	62.9	1.006	-0.15	0.132	0.187
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSi7	55830	3609	22.46	24.20	1.493	62.9	1.006	0.11	0.109	0.164
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSi7	55830	3609	23.71	25.20	1.409	62.9	1.006	-0.02	0.130	0.184
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSi7	55830	3609	22.46	24.20	1.493	62.9	1.006	0.06	0.115	0.173
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSi7	55830	3609	22.19	23.80	1.449	62.9	1.006	0.13	0.062	0.090
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSi7	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.18	0.049	0.069
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSi7	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.11	0.071	0.103
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSi7	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.16	0.060	0.085
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 8	DSi7	55830	3609	20.23	21.50	1.340	62.9	1.006	-0.06	0.120	0.162
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 8	DSi7	55830	3609	19.35	20.50	1.303	62.9	1.006	-0.14	0.094	0.123
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 8	DSi7	55830	3609	20.23	21.50	1.340	62.9	1.006	-0.19	0.109	0.147
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 8	DSi7	55830	3609	19.35	20.50	1.303	62.9	1.006	0.01	0.091	0.119
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	641666	3624.99	20.15	20.70	1.135	-	-	-0.14	0.314	0.356
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	641666	3624.99	20.13	20.70	1.140	-	-	-0.18	0.321	0.366
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	641666	3624.99	20.15	20.70	1.135	-	-	-0.06	0.384	0.436
80	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	641666	3624.99	20.13	20.70	1.140	-	-	0.04	0.396	0.452
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	641666	3624.99	24.15	25.50	1.365	-	-	-0.01	0.196	0.267
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	641666	3624.99	24.06	24.50	1.107	-	-	-0.06	0.189	0.209
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	641666	3624.99	24.15	25.50	1.365	-	-	-0.1	0.189	0.258
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	641666	3624.99	24.06	24.50	1.107	-	-	0.12	0.179	0.198
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	641666	3624.99	22.27	23.80	1.422	-	-	0.02	0.090	0.128
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	641666	3624.99	22.22	22.80	1.143	-	-	0.12	0.114	0.130
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	641666	3624.99	22.27	23.80	1.422	-	-	-0.16	0.102	0.145
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	641666	3624.99	22.22	22.80	1.143	-	-	-0.12	0.118	0.135
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	641666	3624.99	20.72	22.00	1.343	-	-	-0.02	0.143	0.192
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	641666	3624.99	20.66	21.00	1.081	-	-	-0.05	0.194	0.210
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	641666	3624.99	20.72	22.00	1.343	-	-	-0.13	0.130	0.175
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	641666	3624.99	20.66	21.00	1.081	-	-	0.08	0.181	0.196
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	656000	3840	18.19	19.00	1.205	-	-	0.16	0.194	0.234
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	656000	3840	18.17	19.00	1.211	-	-	0.01	0.161	0.195
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	656000	3840	18.19	19.00	1.205	-	-	-0.16	0.235	0.283
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	656000	3840	18.17	19.00	1.211	-	-	0.1	0.192	0.232
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	656000	3840	21.31	22.00	1.172	50	1.000	-0.04	0.230	0.270



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	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	633334	3500.01	18.35	19.00	1.161	-	-	0	0.144	0.167
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	633334	3500.01	18.28	19.00	1.180	-	-	-0.11	0.142	0.168
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	18.35	19.00	1.161	-	-	-0.06	0.157	0.182
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	18.28	19.00	1.180	-	-	-0.15	0.136	0.161
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	21.39	22.00	1.151	50	1.000	0.03	0.163	0.188
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	656000	3840	24.07	25.50	1.390	-	-	0.16	0.200	0.278
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	656000	3840	23.86	25.50	1.459	-	-	-0.15	0.178	0.260
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	656000	3840	24.07	25.50	1.390	-	-	-0.02	0.183	0.254
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	656000	3840	23.86	25.50	1.459	-	-	-0.09	0.182	0.266
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	656000	3840	25.77	27.00	1.327	50	1.000	0.14	0.153	0.203
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	24.02	25.50	1.406	-	-	-0.09	0.189	0.266
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	23.92	25.50	1.439	-	-	0.07	0.182	0.262
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	633334	3500.01	24.02	25.50	1.406	-	-	-0.09	0.150	0.211
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	633334	3500.01	23.92	25.50	1.439	-	-	-0.16	0.181	0.260
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	25.82	27.00	1.312	50	1.000	-0.18	0.144	0.189
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	656000	3840	19.89	21.00	1.291	-	-	0.11	0.108	0.139
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	656000	3840	19.79	21.00	1.321	-	-	-0.08	0.105	0.139
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	656000	3840	19.89	21.00	1.291	-	-	-0.1	0.120	0.155
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	656000	3840	19.79	21.00	1.321	-	-	-0.01	0.116	0.153
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	656000	3840	22.91	24.00	1.285	50	1.000	-0.09	0.115	0.148
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	656000	3840	17.55	18.00	1.109	-	-	-0.06	0.085	0.094
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	656000	3840	20.38	21.00	1.153	50	1.000	-0.17	0.086	0.099
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	633334	3500.01	19.49	21.00	1.416	-	-	-0.01	0.207	0.293
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	633334	3500.01	19.46	21.00	1.426	-	-	-0.11	0.159	0.227
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	19.49	21.00	1.416	-	-	0.14	0.258	0.365
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	19.46	21.00	1.426	-	-	0.03	0.185	0.264
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	22.49	24.00	1.416	50	1.000	0.1	0.255	0.361
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	16.22	18.00	1.507	-	-	0.16	0.185	0.279
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	19.77	21.00	1.327	50	1.000	-0.06	0.199	0.264
81	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	656000	3840	23.42	25.00	1.439	-	-	-0.03	0.459	0.660
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	656000	3840	23.39	25.00	1.449	-	-	-0.11	0.421	0.610
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	656000	3840	23.42	25.00	1.439	-	-	-0.01	0.403	0.580
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	656000	3840	23.39	25.00	1.449	-	-	0.14	0.390	0.565
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	656000	3840	24.31	26.00	1.476	50	1.000	0.12	0.293	0.432
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	656000	3840	20.37	21.50	1.297	-	-	-0.03	0.302	0.392
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	656000	3840	23.15	24.00	1.216	50	1.000	-0.01	0.293	0.356
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	23.28	25.00	1.486	-	-	0.02	0.266	0.395
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	23.19	25.00	1.517	-	-	-0.16	0.258	0.391
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	633334	3500.01	23.28	25.00	1.486	-	-	0.05	0.228	0.339
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	633334	3500.01	23.19	25.00	1.517	-	-	-0.03	0.212	0.322
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	24.76	26.00	1.330	50	1.000	0.17	0.169	0.225
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	20.00	21.50	1.413	-	-	-0.15	0.118	0.167
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	22.66	24.00	1.361	50	1.000	0.16	0.107	0.146
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	650000	3750	18.95	19.50	1.135	-	-	0.05	0.153	0.174
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	650000	3750	18.91	19.50	1.146	-	-	-0.06	0.143	0.164
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	650000	3750	18.95	19.50	1.135	-	-	-0.13	0.194	0.220
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	650000	3750	18.91	19.50	1.146	-	-	-0.01	0.176	0.202
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	650000	3750	21.96	22.50	1.132	50	1.000	-0.11	0.203	0.230
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	633334	3500.01	18.85	19.50	1.161	-	-	-0.14	0.119	0.138
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSi7	633334	3500.01	18.83	19.50	1.167	-	-	-0.18	0.118	0.138
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	18.85	19.50	1.161	-	-	-0.06	0.135	0.157
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	18.83	19.50	1.167	-	-	0.02	0.120	0.140
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSi7	633334	3500.01	21.89	22.50	1.151	50	1.000	0.16	0.141	0.162
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	650000	3750	24.07	25.50	1.390	-	-	-0.04	0.198	0.275
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	650000	3750	23.85	25.50	1.462	-	-	0.13	0.178	0.260
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	650000	3750	24.07	25.50	1.390	-	-	0.12	0.176	0.245



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	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	650000	3750	23.85	25.50	1.462	-	-	0.07	0.169	0.247
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	650000	3750	25.85	27.20	1.365	50	1.000	0.08	0.153	0.209
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	24.07	25.50	1.390	-	-	-0.06	0.157	0.218
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	23.93	25.50	1.435	-	-	0	0.173	0.248
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	633334	3500.01	24.07	25.50	1.390	-	-	-0.03	0.151	0.210
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSi7	633334	3500.01	23.93	25.50	1.435	-	-	0.07	0.165	0.237
	FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSi7	633334	3500.01	25.57	27.20	1.455	50	1.000	-0.12	0.125	0.182
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	650000	3750	18.58	19.50	1.236	-	-	0.02	0.162	0.200
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	650000	3750	18.51	19.50	1.256	-	-	0.12	0.161	0.202
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	650000	3750	18.58	19.50	1.236	-	-	0.02	0.178	0.220
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	650000	3750	18.51	19.50	1.256	-	-	-0.03	0.139	0.175
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	650000	3750	21.61	22.50	1.227	50	1.000	0	0.183	0.225
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	650000	3750	15.15	16.50	1.365	-	-	-0.1	0.119	0.162
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	650000	3750	18.52	19.50	1.253	50	1.000	0.05	0.121	0.152
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	633334	3500.01	18.98	19.50	1.127	-	-	0.07	0.188	0.212
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSi7	633334	3500.01	18.91	19.50	1.146	-	-	0.15	0.132	0.151
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	18.98	19.50	1.127	-	-	-0.05	0.239	0.269
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	18.91	19.50	1.146	-	-	-0.08	0.173	0.198
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	22.05	22.50	1.109	50	1.000	-0.08	0.233	0.258
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	14.89	16.50	1.449	-	-	-0.13	0.155	0.225
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSi7	633334	3500.01	17.95	19.50	1.429	50	1.000	0.01	0.150	0.214
82	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	650000	3750	23.37	25.00	1.455	-	-	0.09	0.438	0.637
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	650000	3750	23.24	25.00	1.500	-	-	0.02	0.401	0.601
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	650000	3750	23.37	25.00	1.455	-	-	-0.16	0.357	0.520
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	650000	3750	23.24	25.00	1.500	-	-	0.05	0.367	0.550
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	650000	3750	24.46	26.00	1.426	50	1.000	-0.03	0.265	0.378
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	650000	3750	20.38	21.50	1.294	-	-	0.17	0.347	0.449
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	650000	3750	23.39	24.00	1.151	50	1.000	-0.15	0.323	0.372
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	23.31	25.00	1.476	-	-	-0.11	0.267	0.394
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	23.25	25.00	1.496	-	-	0.03	0.234	0.350
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	633334	3500.01	23.31	25.00	1.476	-	-	-0.05	0.251	0.370
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSi7	633334	3500.01	23.25	25.00	1.496	-	-	0.14	0.227	0.340
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	25.48	26.00	1.127	50	1.000	-0.01	0.224	0.252
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	19.82	21.50	1.472	-	-	-0.12	0.120	0.177
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSi7	633334	3500.01	22.66	24.00	1.361	50	1.000	0.07	0.112	0.152

Plot No.	Band	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)	Reported 1g SAR (W/kg)
2450MHz																
83	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	-0.05	0.158	0.180
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.08	0.112	0.128
84	Bluetooth	1Mbps	Front	15mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	-0.09	0.028	0.043
	Bluetooth	1Mbps	Back	15mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.01	0.000	0.000
	Bluetooth	1Mbps	Front	15mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.08	0.017	0.025
	Bluetooth	1Mbps	Back	15mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.03	0.000	0.000
5000MHz																
	WLAN5.3GHz	802.11a 6Mbps	Front	15mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.181	99.32	1.007	-0.08	0.149	0.177
	WLAN5.3GHz	802.11a 6Mbps	Back	15mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.181	99.32	1.007	-0.08	0.195	0.232
	WLAN5.5GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.08	0.172	0.213
	WLAN5.5GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.08	0.253	0.313
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	15mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	0.1	0.212	0.244
85	WLAN5.8GHz	802.11n-HT40 MCS0	Back	15mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.02	0.239	0.275



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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)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 1	DSi3	23095	707.5	24.64	25.50	1.219	-	-	-0.14	0.106	0.129
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 1	DSi3	23095	707.5	23.58	24.50	1.236	-	-	-0.05	0.096	0.119
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 1	DSi3	23095	707.5	24.64	25.50	1.219	-	-	0.18	0.035	0.043
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 1	DSi3	23095	707.5	23.58	24.50	1.236	-	-	0.14	0.033	0.041
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 0	DSi3	23095	707.5	24.83	25.70	1.222	-	-	-0.1	0.045	0.055
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 0	DSi3	23095	707.5	24.05	24.70	1.161	-	-	0.01	0.000	0.000
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSi3	23095	707.5	24.83	25.70	1.222	-	-	0.11	0.166	0.203
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSi3	23095	707.5	24.05	24.70	1.161	-	-	-0.15	0.134	0.156
835MHz																				
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi3	141500	707.5	25.01	25.70	1.172	-	-	-0.09	0.102	0.120
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi3	141500	707.5	24.92	25.70	1.197	-	-	0.14	0.125	0.150
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi3	141500	707.5	25.01	25.70	1.172	-	-	-0.05	0.049	0.057
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi3	141500	707.5	24.92	25.70	1.197	-	-	-0.08	0.060	0.072
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi3	141500	707.5	25.17	25.70	1.130	-	-	-0.03	0.000	0.000
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi3	141500	707.5	25.10	25.70	1.148	-	-	0.08	0.040	0.046
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi3	141500	707.5	25.17	25.70	1.130	-	-	-0.07	0.136	0.154
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi3	141500	707.5	25.10	25.70	1.148	-	-	0.07	0.158	0.181
1750MHz																				
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 1	DSi3	189	836.4	26.86	28.00	1.300	-	-	-0.09	0.157	0.204
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 1	DSi3	189	836.4	26.86	28.00	1.300	-	-	0.1	0.077	0.100
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 0	DSi3	189	836.4	27.15	28.50	1.365	-	-	0.16	0.001	0.001
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 0	DSi3	189	836.4	27.15	28.50	1.365	-	-	0.05	0.139	0.190
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSi3	4182	836.4	24.37	25.50	1.297	-	-	-0.06	0.214	0.278
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSi3	4182	836.4	24.37	25.50	1.297	-	-	0.11	0.105	0.136
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 0	DSi3	4182	836.4	24.95	25.70	1.189	-	-	-0.01	0.068	0.081
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSi3	4182	836.4	24.95	25.70	1.189	-	-	-0.01	0.242	0.288
	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 1	DSi3	26865	831.5	24.54	25.50	1.247	-	-	0.01	0.197	0.246
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 1	DSi3	26865	831.5	23.54	24.50	1.247	-	-	-0.17	0.175	0.218
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 1	DSi3	26865	831.5	24.54	25.50	1.247	-	-	0.17	0.120	0.150
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 1	DSi3	26865	831.5	23.54	24.50	1.247	-	-	-0.05	0.103	0.128
	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 0	DSi3	26865	831.5	24.84	25.70	1.219	-	-	0.19	0.064	0.078
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 0	DSi3	26865	831.5	23.91	24.70	1.199	-	-	0.07	0.053	0.064
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 0	DSi3	26865	831.5	24.84	25.70	1.219	-	-	0.06	0.229	0.279
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 0	DSi3	26865	831.5	23.91	24.70	1.199	-	-	-0.18	0.183	0.220
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi3	166300	831.5	25.31	25.70	1.094	-	-	-0.04	0.256	0.280
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	15mm	Ant 1	DSi3	166300	831.5	25.13	25.70	1.140	-	-	-0.11	0.245	0.279
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi3	166300	831.5	25.31	25.70	1.094	-	-	-0.12	0.185	0.202
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	DSi3	166300	831.5	25.13	25.70	1.140	-	-	0.03	0.174	0.198
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi3	166300	831.5	25.44	25.70	1.062	-	-	-0.02	0.062	0.066
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	15mm	Ant 0	DSi3	166300	831.5	25.37	25.70	1.079	-	-	0.15	0.062	0.067
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi3	166300	831.5	25.44	25.70	1.062	-	-	-0.09	0.226	0.240
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 0	DSi3	166300	831.5	25.37	25.70	1.079	-	-	-0.09	0.220	0.237
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 5	DSi3	1413	1732.6	24.17	25.00	1.211	-	-	0.09	0.412	0.499
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 5	DSi3	1413	1732.6	24.17	25.00	1.211	-	-	0.14	0.205	0.248
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 6	DSi3	1413	1732.6	23.36	25.00	1.459	-	-	0.05	0.291	0.425
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 6	DSi3	1413	1732.6	23.36	25.00	1.459	-	-	-0.03	0.117	0.171
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 0	DSi3	1413	1732.6	22.15	23.80	1.462	-	-	0.02	0.001	0.001
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSi3	1413	1732.6	22.15	23.80	1.462	-	-	0.07	0.104	0.152
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSi3	1413	1732.6	21.35	23.00	1.462	-	-	0.13	0.090	0.132
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSi3	1413	1732.6	21.35	23.00	1.462	-	-	-0.18	0.000	0.000
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSi3	20175	1732.5	24.79	25.70	1.233	-	-	-0.01	0.487	0.601



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	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	20175	1732.5	23.69	24.70	1.262	-	-	0.01	0.418	0.527
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	20175	1732.5	24.79	25.70	1.233	-	-	0.1	0.232	0.286
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	20175	1732.5	23.69	24.70	1.262	-	-	-0.17	0.195	0.246
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	20175	1732.5	23.99	25.70	1.483	-	-	0.01	0.259	0.384
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	20175	1732.5	23.36	24.70	1.361	-	-	0.03	0.214	0.291
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	20175	1732.5	23.99	25.70	1.483	-	-	-0.15	0.090	0.133
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	20175	1732.5	23.36	24.70	1.361	-	-	-0.15	0.074	0.101
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI3	20175	1732.5	22.70	23.20	1.122	-	-	0.02	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI3	20175	1732.5	22.65	23.20	1.135	-	-	0.16	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	20175	1732.5	22.70	23.20	1.122	-	-	-0.03	0.180	0.202
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	20175	1732.5	22.65	23.20	1.135	-	-	0.07	0.187	0.212
	LTE Band 4 Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	20175	1732.5	20.41	21.50	1.285	-	-	0	0.109	0.140
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	20175	1732.5	20.93	21.70	1.194	-	-	-0.01	0.056	0.067
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	20175	1732.5	20.91	21.70	1.199	-	-	-0.06	0.064	0.077
	LTE Band 4 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	20175	1732.5	20.93	21.70	1.194	-	-	-0.04	0.000	0.000
	LTE Band 4 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	20175	1732.5	20.91	21.70	1.199	-	-	-0.09	0.000	0.000
	LTE Band 4 Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	20175	1732.5	18.55	20.00	1.396	-	-	-0.17	0.045	0.063
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI3	132322	1745	24.84	25.70	1.219	-	-	-0.01	0.482	0.588
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	132322	1745	23.61	24.70	1.285	-	-	0.04	0.414	0.532
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	132322	1745	24.84	25.70	1.219	-	-	-0.01	0.225	0.274
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	132322	1745	23.61	24.70	1.285	-	-	-0.08	0.178	0.229
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	132322	1745	23.99	25.70	1.483	-	-	0.02	0.274	0.406
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	132322	1745	23.43	24.70	1.340	-	-	0.11	0.223	0.299
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	132322	1745	23.99	25.70	1.483	-	-	-0.08	0.090	0.133
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	132322	1745	23.43	24.70	1.340	-	-	-0.17	0.077	0.103
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI3	132322	1745	23.86	24.20	1.081	-	-	-0.1	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI3	132322	1745	23.82	24.20	1.091	-	-	0.18	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	132322	1745	23.86	24.20	1.081	-	-	-0.17	0.240	0.260
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	132322	1745	23.82	24.20	1.091	-	-	-0.05	0.254	0.277
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	132322	1745	21.06	22.50	1.393	-	-	0.01	0.161	0.224
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	132322	1745	18.97	19.20	1.054	-	-	-0.13	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	132322	1745	18.91	19.20	1.069	-	-	0.02	0.042	0.045
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	132322	1745	18.97	19.20	1.054	-	-	-0.09	0.000	0.000
	LTE Band 66 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	132322	1745	18.91	19.20	1.069	-	-	0.05	0.000	0.000
	LTE Band 66 Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	132322	1745	15.54	17.20	1.466	-	-	-0.01	0.001	0.001
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	349000	1745	25.25	25.70	1.109	-	-	0.08	0.424	0.470
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	349000	1745	24.95	25.70	1.189	-	-	0.16	0.436	0.518
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	349000	1745	25.25	25.70	1.109	-	-	0.01	0.228	0.253
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	349000	1745	24.95	25.70	1.189	-	-	0.03	0.204	0.242
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	349000	1745	25.06	25.70	1.159	-	-	0.11	0.214	0.248
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	349000	1745	24.83	25.70	1.222	-	-	0.1	0.222	0.271
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	349000	1745	25.06	25.70	1.159	-	-	-0.08	0.094	0.109
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	349000	1745	24.83	25.70	1.222	-	-	0.16	0.079	0.097
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI3	349000	1745	19.39	19.70	1.074	-	-	0.05	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI3	349000	1745	19.35	19.70	1.084	-	-	-0.03	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	349000	1745	19.39	19.70	1.074	-	-	-0.15	0.082	0.088
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	349000	1745	19.35	19.70	1.084	-	-	0.07	0.093	0.101
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	349000	1745	16.70	18.20	1.413	-	-	0.01	0.053	0.075
	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	349000	1745	20.85	21.20	1.084	-	-	0.13	0.071	0.077
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	349000	1745	20.81	21.20	1.094	-	-	-0.03	0.076	0.083



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	FR1 n66 Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI3	349000	1745	20.85	21.20	1.084	-	-	0.02	0.000	0.000
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI3	349000	1745	20.81	21.20	1.094	-	-	0.16	0.000	0.000
	FR1 n66 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	349000	1745	17.71	19.00	1.346	-	-	0.01	0.049	0.066
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 5	DSI3	661	1880	23.13	25.00	1.538	-	-	0.19	0.118	0.182
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 5	DSI3	661	1880	23.13	25.00	1.538	-	-	0.12	0.041	0.063
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	15mm	Ant 6	DSI3	661	1880	23.66	24.50	1.213	-	-	-0.18	0.064	0.078
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 6	DSI3	661	1880	23.66	24.50	1.213	-	-	-0.11	0.010	0.012
86	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 5	DSI3	9400	1880	24.15	25.00	1.216	-	-	-0.17	0.365	0.444
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 5	DSI3	9400	1880	24.15	25.00	1.216	-	-	-0.17	0.173	0.210
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 6	DSI3	9400	1880	23.54	25.00	1.400	-	-	-0.06	0.182	0.255
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 6	DSI3	9400	1880	23.54	25.00	1.400	-	-	-0.15	0.058	0.081
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI3	18900	1880	23.99	25.00	1.262	-	-	0.02	0.315	0.397
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	18900	1880	23.07	24.00	1.239	-	-	0.05	0.254	0.315
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	18900	1880	23.99	25.00	1.262	-	-	0.06	0.132	0.167
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	18900	1880	23.07	24.00	1.239	-	-	-0.09	0.109	0.135
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	18900	1880	23.36	25.00	1.459	-	-	-0.03	0.201	0.293
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	18900	1880	22.55	24.00	1.396	-	-	-0.08	0.164	0.229
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	18900	1880	23.36	25.00	1.459	-	-	-0.04	0.082	0.120
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	18900	1880	22.55	24.00	1.396	-	-	-0.08	0.068	0.095
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	376000	1880	24.46	25.30	1.213	-	-	-0.02	0.402	0.488
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	376000	1880	24.34	25.30	1.247	-	-	-0.17	0.375	0.468
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	376000	1880	24.46	25.30	1.213	-	-	-0.1	0.155	0.188
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	376000	1880	24.34	25.30	1.247	-	-	0.18	0.163	0.203
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	376000	1880	23.91	25.20	1.346	-	-	-0.01	0.132	0.178
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	376000	1880	23.73	25.20	1.403	-	-	-0.06	0.124	0.174
	FR1 n2	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	376000	1880	23.91	25.20	1.346	-	-	-0.04	0.052	0.070
	FR1 n2	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	376000	1880	23.73	25.20	1.403	-	-	-0.09	0.042	0.059
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI3	21100	2535	24.95	25.70	1.189	-	-	0.05	0.479	0.569
	LTE Band 7C	20M	QPSK	1	99	-	Front	15mm	Ant 5	DSI3	21100+21298	2535+2554.8	24.15	25.70	1.429	-	-	0.09	0.385	0.550
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	21100	2535	23.96	24.70	1.186	-	-	-0.08	0.389	0.461
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	21100	2535	24.95	25.70	1.189	-	-	0.13	0.167	0.198
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	21100	2535	23.96	24.70	1.186	-	-	0.12	0.141	0.167
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	21100	2535	23.91	25.70	1.510	-	-	-0.03	0.333	0.503
	LTE Band 7C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI3	21100+21298	2535+2554.8	23.79	25.70	1.552	-	-	0.09	0.312	0.484
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	21100	2535	22.99	24.70	1.483	-	-	0.18	0.277	0.411
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	21100	2535	23.91	25.70	1.510	-	-	-0.04	0.115	0.174
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	21100	2535	22.99	24.70	1.483	-	-	-0.08	0.098	0.145
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI3	21100	2535	24.16	24.70	1.132	-	-	-0.13	0.078	0.088
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI3	21100	2535	23.16	24.70	1.426	-	-	0.17	0.076	0.108
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	21100	2535	24.16	24.70	1.132	-	-	0.06	0.181	0.205
	LTE Band 7C Other PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI3	21100+21298	2535+2554.8	23.14	24.70	1.432	-	-	-0.01	0.142	0.203
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	21100	2535	23.16	24.70	1.426	-	-	0	0.130	0.185
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	21100	2535	23.04	23.50	1.112	-	-	-0.04	0.099	0.110
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	21100	2535	21.61	22.20	1.146	-	-	0.11	0.133	0.152
	LTE Band 7C Other PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI3	21100+21298	2535+2554.8	21.35	22.20	1.216	-	-	0.09	0.112	0.136
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	21100	2535	21.56	22.20	1.159	-	-	-0.02	0.126	0.146
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	21100	2535	21.61	22.20	1.146	-	-	0.1	0.059	0.068
	LTE Band 7 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	21100	2535	21.56	22.20	1.159	-	-	0.04	0.056	0.065
	LTE Band 7 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	21100	2535	19.83	21.00	1.309	-	-	0.13	0.072	0.094



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	LTE Band 38	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI3	38000	2595	25.24	25.70	1.112	62.9	1.006	-0.02	0.363	0.406
	LTE Band 38C	20M	QPSK	1	99	-	Front	15mm	Ant 5	DSI3	37901+ 38099	2585.1+ 2604.9	24.21	25.70	1.409	62.9	1.006	0.01	0.281	0.398
	LTE Band 38	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	38000	2595	24.32	24.70	1.091	62.9	1.006	0.03	0.297	0.326
	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	38000	2595	25.24	25.70	1.112	62.9	1.006	0.18	0.088	0.098
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	38000	2595	24.32	24.70	1.091	62.9	1.006	0.16	0.067	0.074
	LTE Band 38	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	38000	2595	23.99	25.50	1.416	62.9	1.006	-0.05	0.177	0.252
	LTE Band 38C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI3	37901+ 38099	2585.1+ 2604.9	23.95	25.50	1.429	62.9	1.006	0.06	0.160	0.230
	LTE Band 38	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	38000	2595	23.11	24.50	1.377	62.9	1.006	-0.13	0.133	0.184
	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	38000	2595	23.99	25.50	1.416	62.9	1.006	-0.13	0.085	0.121
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	38000	2595	23.11	24.50	1.377	62.9	1.006	0.06	0.066	0.091
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI3	38000	2595	25.27	25.70	1.104	62.9	1.006	-0.03	0.045	0.050
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI3	38000	2595	24.49	24.70	1.050	62.9	1.006	-0.03	0.000	0.000
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	38000	2595	25.27	25.70	1.104	62.9	1.006	0.08	0.103	0.114
	LTE Band 38C Other PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI3	37901+ 38099	2585.1+ 2604.9	24.92	25.70	1.197	62.9	1.006	0.05	0.085	0.102
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	38000	2595	24.49	24.70	1.050	62.9	1.006	-0.07	0.083	0.088
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	38000	2595	23.29	24.00	1.178	-	-	0.05	0.068	0.080
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	38000	2595	23.24	23.70	1.112	62.9	1.006	-0.12	0.115	0.129
	LTE Band 38C Other PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI3	37901+ 38099	2585.1+ 2604.9	22.86	23.70	1.213	62.9	1.006	0.09	0.101	0.123
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	38000	2595	23.16	23.70	1.132	62.9	1.006	0.03	0.112	0.128
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	38000	2595	23.24	23.70	1.112	62.9	1.006	-0.16	0.041	0.046
	LTE Band 38 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	38000	2595	23.16	23.70	1.132	62.9	1.006	-0.02	0.044	0.050
	LTE Band 38 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	38000	2595	21.27	22.00	1.183	-	-	0.15	0.055	0.065
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 5	DSI3	40620	2593	25.24	25.70	1.112	62.9	1.006	0.11	0.362	0.405
	LTE Band 41C	20M	QPSK	1	99	-	Front	15mm	Ant 5	DSI3	40620+ 40818	2593+ 2612.8	24.86	25.70	1.213	62.9	1.006	0.09	0.322	0.393
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 5	DSI3	40620	2593	24.06	24.70	1.159	62.9	1.006	-0.1	0.254	0.296
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 5	DSI3	40620	2593	25.24	25.70	1.112	62.9	1.006	0.07	0.078	0.087
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 5	DSI3	40620	2593	24.06	24.70	1.159	62.9	1.006	0.18	0.060	0.070
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	40620	2593	24.01	25.50	1.409	62.9	1.006	-0.06	0.134	0.190
	LTE Band 41C	20M	QPSK	1	99	-	Front	15mm	Ant 6	DSI3	40620+ 40818	2593+ 2612.8	23.89	25.50	1.449	62.9	1.006	0.05	0.111	0.162
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	40620	2593	23.02	24.50	1.406	62.9	1.006	-0.14	0.111	0.157
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	40620	2593	24.01	25.50	1.409	62.9	1.006	-0.19	0.068	0.096
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	40620	2593	23.02	24.50	1.406	62.9	1.006	0.01	0.053	0.075
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 0	DSI3	40620	2593	25.34	25.70	1.086	62.9	1.006	0.02	0.046	0.050
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 0	DSI3	40620	2593	24.39	24.70	1.074	62.9	1.006	0.12	0.000	0.000
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	40620	2593	25.34	25.70	1.086	62.9	1.006	-0.16	0.099	0.108
	LTE Band 41C Other PA	20M	QPSK	1	99	-	Back	15mm	Ant 0	DSI3	40620+ 40818	2593+ 2612.8	24.99	25.70	1.178	62.9	1.006	-0.02	0.066	0.078
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI3	40620	2593	24.39	24.70	1.074	62.9	1.006	-0.12	0.082	0.089
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI3	40620	2593	23.17	24.00	1.211	-	-	0.07	0.063	0.076
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	40620	2593	23.25	23.70	1.109	62.9	1.006	-0.05	0.111	0.124
	LTE Band 41C Other PA	20M	QPSK	1	99	-	Front	15mm	Ant 1	DSI3	40620+ 40818	2593+ 2612.8	23.05	23.70	1.161	62.9	1.006	0.04	0.081	0.095
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	40620	2593	23.23	23.70	1.114	62.9	1.006	-0.13	0.109	0.122
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	40620	2593	23.25	23.70	1.109	62.9	1.006	0.08	0.041	0.046
	LTE Band 41 Other PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	40620	2593	23.23	23.70	1.114	62.9	1.006	0.16	0.042	0.047
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	40620	2593	21.24	22.00	1.191	-	-	0.01	0.059	0.070
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	507000	2535	25.37	25.70	1.079	-	-	0.09	0.556	0.600
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	507000	2535	25.27	25.70	1.104	-	-	-0.01	0.570	0.629
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Front	15mm	Ant 5	DSI3	507000	2535	24.35	24.70	1.084	-	-	0.04	0.448	0.486



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	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	507000	2535	25.37	25.70	1.079	-	-	0.11	0.262	0.283
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	DSI3	507000	2535	25.27	25.70	1.104	-	-	-0.13	0.223	0.246
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	507000	2535	23.91	25.20	1.346	-	-	-0.09	0.330	0.444
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 6	DSI3	507000	2535	23.73	25.20	1.403	-	-	-0.11	0.306	0.429
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	507000	2535	23.91	25.20	1.346	-	-	0.17	0.169	0.227
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 6	DSI3	507000	2535	23.73	25.20	1.403	-	-	-0.16	0.174	0.244
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI3	507000	2535	24.77	25.20	1.104	-	-	0.11	0.072	0.079
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 0	DSI3	507000	2535	24.72	25.20	1.117	-	-	-0.05	0.069	0.077
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	507000	2535	24.77	25.20	1.104	-	-	-0.01	0.183	0.202
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	507000	2535	24.72	25.20	1.117	-	-	-0.14	0.176	0.197
	FR1 n7 Main PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 0	DSI3	507000	2535	23.51	24.00	1.119	-	-	-0.15	0.122	0.137
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	507000	2535	21.87	22.20	1.079	-	-	-0.17	0.132	0.142
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	507000	2535	21.85	22.20	1.084	-	-	0.08	0.137	0.148
	FR1 n7 Other_PA	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI3	507000	2535	21.87	22.20	1.079	-	-	0.01	0.053	0.057
	FR1 n7 Other_PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 1	DSI3	507000	2535	21.85	22.20	1.084	-	-	0.02	0.057	0.062
	FR1 n7 Main PA	40M	QPSK	108	54	DFT-SCS-15KHz	Front	15mm	Ant 1	DSI3	507000	2535	20.27	21.00	1.183	-	-	-0.11	0.093	0.110
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI3	519000	2595	25.17	25.70	1.130	-	-	0.03	0.692	0.782
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI3	519000	2595	24.91	25.70	1.199	-	-	0.09	0.651	0.781
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI3	519000	2595	25.17	25.70	1.130	-	-	-0.04	0.160	0.181
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI3	519000	2595	24.91	25.70	1.199	-	-	0.15	0.128	0.154
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	519000	2595	24.69	25.50	1.205	-	-	0.09	0.204	0.246
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	519000	2595	24.40	24.50	1.023	-	-	-0.16	0.255	0.261
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	519000	2595	24.69	25.50	1.205	-	-	0.05	0.173	0.208
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	519000	2595	24.40	24.50	1.023	-	-	0.08	0.154	0.158
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI3	519000	2595	23.56	24.70	1.300	-	-	-0.03	0.064	0.083
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI3	519000	2595	23.35	24.70	1.365	-	-	-0.04	0.059	0.081
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	519000	2595	23.56	24.70	1.300	-	-	-0.09	0.159	0.207
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	519000	2595	23.35	24.70	1.365	-	-	0.18	0.140	0.191
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	519000	2595	22.82	23.00	1.042	-	-	0.11	0.090	0.094
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	519000	2595	21.96	22.20	1.057	-	-	-0.03	0.153	0.162
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	519000	2595	21.94	22.20	1.062	-	-	0.09	0.146	0.155
	FR1 n38 Other_PA	40M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	519000	2595	21.96	22.20	1.057	-	-	-0.08	0.060	0.063
	FR1 n38 Other_PA	40M	BPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	519000	2595	21.94	22.20	1.062	-	-	-0.05	0.052	0.055
	FR1 n38 Main PA	40M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	519000	2595	19.99	20.50	1.125	-	-	-0.03	0.106	0.119
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI3	518598	2592.99	25.18	25.70	1.127	-	-	-0.09	0.604	0.681
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 5	DSI3	518598	2592.99	25.07	25.70	1.156	-	-	-0.08	0.539	0.623
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI3	518598	2592.99	25.18	25.70	1.127	-	-	-0.08	0.196	0.221
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 5	DSI3	518598	2592.99	25.07	25.70	1.156	-	-	0.1	0.119	0.138
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	518598	2592.99	24.25	25.70	1.396	-	-	-0.15	0.244	0.341
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	518598	2592.99	24.19	25.70	1.416	-	-	-0.15	0.241	0.341
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	518598	2592.99	24.25	25.70	1.396	-	-	0.11	0.144	0.201
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	518598	2592.99	24.19	25.70	1.416	-	-	-0.08	0.139	0.197
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI3	518598	2592.99	24.12	24.70	1.143	-	-	-0.08	0.056	0.064
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 0	DSI3	518598	2592.99	23.99	24.70	1.178	-	-	-0.04	0.054	0.064
	FR1 n41 Other_PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	518598	2592.99	24.12	24.70	1.143	-	-	-0.08	0.172	0.197
	FR1 n41 Other_PA	100M	BPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	518598	2592.99	23.99	24.70	1.178	-	-	0.17	0.153	0.180
	FR1 n41 Main PA	100M	BPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 0	DSI3	518598	2592.99	22.63	23.00	1.089	-	-	0.18	0.106	0.115
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	518598	2592.99	21.46	22.20	1.186	-	-	-0.08	0.118	0.140
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	518598	2592.99	21.42	22.20	1.197	-	-	-0.13	0.108	0.129
	FR1 n41 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	518598	2592.99	21.46	22.20	1.186	-	-	-0.13	0.060	0.071
	FR1 n41 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	518598	2592.99	21.42	22.20	1.197	-	-	0.06	0.054	0.065
	FR1 n41 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	518598	2592.99	19.79	20.50	1.178	-	-	-0.03	0.085	0.100
3500MHz																				
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 7	DSI3	42590	3500	20.97	21.70	1.183	62.9	1.006	0.04	0.158	0.188
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 7	DSI3	42590	3500	20.92	21.70	1.197	62.9	1.006	-0.16	0.151	0.182
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 7	DSI3	42590	3500	20.97	21.70	1.183	62.9	1.006	0.1	0.049	0.058



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	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 7	DSI3	42590	3500	20.92	21.70	1.197	62.9	1.006	-0.04	0.051	0.061
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	42590	3500	22.88	24.50	1.452	62.9	1.006	0	0.058	0.085
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	42590	3500	22.55	23.50	1.245	62.9	1.006	-0.11	0.062	0.078
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	42590	3500	22.88	24.50	1.452	62.9	1.006	-0.06	0.037	0.054
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	42590	3500	22.55	23.50	1.245	62.9	1.006	-0.15	0.039	0.049
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	42590	3500	21.85	23.50	1.462	62.9	1.006	-0.13	0.100	0.147
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	42590	3500	21.16	22.50	1.361	62.9	1.006	0.16	0.077	0.105
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	42590	3500	21.85	23.50	1.462	62.9	1.006	-0.15	0.038	0.056
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	42590	3500	21.16	22.50	1.361	62.9	1.006	-0.02	0.031	0.042
	LTE Band 42	20M	QPSK	1	0	-	Front	15mm	Ant 8	DSI3	42590	3500	20.33	21.00	1.167	62.9	1.006	0.14	0.031	0.036
	LTE Band 42	20M	QPSK	50	0	-	Front	15mm	Ant 8	DSI3	42590	3500	19.47	20.00	1.130	62.9	1.006	0.1	0.053	0.060
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 8	DSI3	42590	3500	20.33	21.00	1.167	62.9	1.006	-0.09	0.000	0.000
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 8	DSI3	42590	3500	19.47	20.00	1.130	62.9	1.006	0.07	0.030	0.034
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 7	DSI3	55830	3609	23.68	24.20	1.127	62.9	1.006	0.01	0.140	0.159
87	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 7	DSI3	55830	3609	23.59	24.20	1.151	62.9	1.006	-0.05	0.262	0.303
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 7	DSI3	55830	3609	23.68	24.20	1.127	62.9	1.006	0.02	0.033	0.037
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 7	DSI3	55830	3609	23.59	24.20	1.151	62.9	1.006	0.03	0.062	0.072
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 6	DSI3	55830	3609	23.71	25.20	1.409	62.9	1.006	-0.17	0.115	0.163
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 6	DSI3	55830	3609	22.46	24.20	1.493	62.9	1.006	-0.04	0.094	0.141
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 6	DSI3	55830	3609	23.71	25.20	1.409	62.9	1.006	-0.05	0.051	0.072
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 6	DSI3	55830	3609	22.46	24.20	1.493	62.9	1.006	0	0.034	0.051
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI3	55830	3609	22.19	23.80	1.449	62.9	1.006	-0.01	0.055	0.080
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI3	55830	3609	21.31	22.80	1.409	62.9	1.006	-0.09	0.043	0.061
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI3	55830	3609	22.19	23.80	1.449	62.9	1.006	0.05	0.045	0.066
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI3	55830	3609	21.31	22.80	1.409	62.9	1.006	0.02	0.036	0.051
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 8	DSI3	55830	3609	20.23	21.50	1.340	62.9	1.006	0.17	0.104	0.140
	LTE Band 48	20M	QPSK	50	0	-	Front	15mm	Ant 8	DSI3	55830	3609	19.35	20.50	1.303	62.9	1.006	0.06	0.081	0.106
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 8	DSI3	55830	3609	20.23	21.50	1.340	62.9	1.006	0	0.046	0.062
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 8	DSI3	55830	3609	19.35	20.50	1.303	62.9	1.006	-0.04	0.035	0.046
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	641666	3624.99	20.67	21.20	1.130	-	-	0.13	0.205	0.232
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	641666	3624.99	20.64	21.20	1.138	-	-	-0.04	0.208	0.237
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	641666	3624.99	20.67	21.20	1.130	-	-	0.12	0.040	0.045
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	641666	3624.99	20.64	21.20	1.138	-	-	0.03	0.038	0.043
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	641666	3624.99	24.15	25.50	1.365	-	-	-0.03	0.160	0.218
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	641666	3624.99	24.06	24.50	1.107	-	-	0.16	0.148	0.164
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	641666	3624.99	24.15	25.50	1.365	-	-	-0.1	0.062	0.085
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	641666	3624.99	24.06	24.50	1.107	-	-	0.07	0.056	0.062
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	641666	3624.99	22.27	23.80	1.422	-	-	-0.1	0.081	0.115
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	641666	3624.99	22.22	22.80	1.143	-	-	0.01	0.108	0.123
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	641666	3624.99	22.27	23.80	1.422	-	-	-0.15	0.050	0.071
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	641666	3624.99	22.22	22.80	1.143	-	-	0.19	0.055	0.063
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	641666	3624.99	20.72	22.00	1.343	-	-	-0.18	0.081	0.109
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	641666	3624.99	20.66	21.00	1.081	-	-	0.03	0.103	0.111
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	641666	3624.99	20.72	22.00	1.343	-	-	-0.15	0.032	0.043
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	641666	3624.99	20.66	21.00	1.081	-	-	-0.15	0.034	0.037
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	656000	3840	19.35	20.00	1.161	-	-	0.11	0.175	0.203
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	656000	3840	19.32	20.00	1.169	-	-	-0.08	0.166	0.194
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	656000	3840	19.35	20.00	1.161	-	-	-0.17	0.023	0.027
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	656000	3840	19.32	20.00	1.169	-	-	-0.08	0.027	0.032
	FR1 n77 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	656000	3840	22.27	23.00	1.183	50	1.000	-0.01	0.176	0.208
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	19.42	20.00	1.143	-	-	-0.08	0.099	0.113
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	19.40	20.00	1.148	-	-	0.17	0.105	0.121
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	633334	3500.01	19.42	20.00	1.143	-	-	0.18	0.059	0.067
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	633334	3500.01	19.40	20.00	1.148	-	-	-0.04	0.039	0.045
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	22.11	23.00	1.227	50	1.000	-0.08	0.104	0.128
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	656000	3840	24.07	25.50	1.390	-	-	-0.13	0.129	0.179



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	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	656000	3840	23.86	25.50	1.459	-	-	-0.02	0.139	0.203
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	656000	3840	24.07	25.50	1.390	-	-	0.06	0.047	0.065
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	656000	3840	23.86	25.50	1.459	-	-	-0.03	0.049	0.071
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	656000	3840	25.31	27.00	1.476	50	1.000	-0.03	0.106	0.156
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	24.02	25.50	1.406	-	-	-0.07	0.113	0.159
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	23.92	25.50	1.439	-	-	0.05	0.125	0.180
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	633334	3500.01	24.02	25.50	1.406	-	-	-0.11	0.033	0.046
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	633334	3500.01	23.92	25.50	1.439	-	-	-0.12	0.042	0.060
	FR1 n77 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	25.41	27.00	1.442	50	1.000	0.03	0.085	0.123
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	656000	3840	20.92	22.00	1.282	-	-	-0.16	0.066	0.085
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	656000	3840	20.88	22.00	1.294	-	-	-0.02	0.070	0.091
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	656000	3840	20.92	22.00	1.282	-	-	0.15	0.046	0.059
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	656000	3840	20.88	22.00	1.294	-	-	-0.09	0.055	0.071
	FR1 n77 Other_PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	656000	3840	24.32	25.00	1.169	50	1.000	0.11	0.072	0.084
	FR1 n77 Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	656000	3840	18.54	19.00	1.112	-	-	-0.05	0.046	0.051
	FR1 n77 Main PA PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	656000	3840	21.50	22.00	1.122	50	1.000	-0.08	0.047	0.053
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	20.50	22.00	1.413	-	-	0.05	0.208	0.294
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	20.46	22.00	1.426	-	-	0.05	0.146	0.208
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	633334	3500.01	20.50	22.00	1.413	-	-	-0.03	0.065	0.092
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	633334	3500.01	20.46	22.00	1.426	-	-	-0.15	0.047	0.067
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	23.69	25.00	1.352	50	1.000	0.02	0.217	0.293
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	17.17	19.00	1.524	-	-	0.07	0.110	0.168
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	20.22	22.00	1.507	50	1.000	0.16	0.105	0.158
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	656000	3840	23.42	25.00	1.439	-	-	-0.18	0.198	0.285
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	656000	3840	23.39	25.00	1.449	-	-	0.02	0.233	0.338
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	656000	3840	23.42	25.00	1.439	-	-	0.16	0.071	0.102
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	656000	3840	23.39	25.00	1.449	-	-	-0.03	0.085	0.123
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	656000	3840	24.31	26.00	1.476	50	1.000	0.07	0.155	0.229
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	656000	3840	20.37	21.50	1.297	-	-	0	0.133	0.173
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	656000	3840	23.15	24.00	1.216	50	1.000	0.01	0.134	0.163
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	23.28	25.00	1.486	-	-	-0.06	0.175	0.260
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	23.19	25.00	1.517	-	-	-0.04	0.154	0.234
	FR1 n77 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	633334	3500.01	23.28	25.00	1.486	-	-	-0.09	0.088	0.131
	FR1 n77 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	633334	3500.01	23.19	25.00	1.517	-	-	-0.17	0.080	0.121
	FR1 n77 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	24.76	26.00	1.330	50	1.000	-0.1	0.129	0.172
	FR1 n77 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	20.00	21.50	1.413	-	-	0.18	0.094	0.133
	FR1 n77 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	22.66	24.00	1.361	50	1.000	-0.17	0.094	0.128
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	650000	3750	19.87	20.50	1.156	-	-	-0.02	0.181	0.209
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	650000	3750	19.82	20.50	1.169	-	-	-0.05	0.174	0.203
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	650000	3750	19.87	20.50	1.156	-	-	0	0.036	0.042
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	650000	3750	19.82	20.50	1.169	-	-	-0.13	0.036	0.042
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	650000	3750	22.44	23.50	1.276	50	1.000	-0.01	0.150	0.191
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	19.86	20.50	1.159	-	-	0.05	0.123	0.143
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	19.83	20.50	1.167	-	-	0.02	0.116	0.135
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	633334	3500.01	19.86	20.50	1.159	-	-	-0.13	0.048	0.056
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	DSI3	633334	3500.01	19.83	20.50	1.167	-	-	0.17	0.041	0.048
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	DSI3	633334	3500.01	22.51	23.50	1.256	50	1.000	0.06	0.120	0.151
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	650000	3750	24.07	25.50	1.390	-	-	-0.04	0.151	0.210
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	650000	3750	23.85	25.50	1.462	-	-	-0.15	0.141	0.206
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	650000	3750	24.07	25.50	1.390	-	-	0.11	0.052	0.072
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	650000	3750	23.85	25.50	1.462	-	-	-0.02	0.057	0.083
	FR1 n78 PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	650000	3750	25.85	27.20	1.365	50	1.000	0.1	0.122	0.166
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	24.07	25.50	1.390	-	-	0.13	0.144	0.200
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	23.93	25.50	1.435	-	-	-0.18	0.132	0.189



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	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	633334	3500.01	24.07	25.50	1.390	-	-	-0.11	0.034	0.047
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	DSI3	633334	3500.01	23.93	25.50	1.435	-	-	-0.16	0.036	0.052
	FR1 n78 PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	DSI3	633334	3500.01	25.57	27.20	1.455	50	1.000	-0.15	0.107	0.156
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	650000	3750	20.65	21.50	1.216	-	-	-0.14	0.112	0.136
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	650000	3750	20.61	21.50	1.227	-	-	-0.19	0.093	0.114
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	650000	3750	20.65	21.50	1.216	-	-	0.01	0.084	0.102
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	650000	3750	20.61	21.50	1.227	-	-	0.06	0.061	0.075
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	650000	3750	23.70	24.50	1.202	50	1.000	0.02	0.111	0.133
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	650000	3750	17.14	18.50	1.368	-	-	0.12	0.059	0.081
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	650000	3750	20.20	21.50	1.349	50	1.000	-0.16	0.061	0.082
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	21.04	21.50	1.112	-	-	0.07	0.163	0.181
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	21.02	21.50	1.117	-	-	-0.02	0.118	0.132
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	633334	3500.01	21.04	21.50	1.112	-	-	-0.05	0.060	0.067
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 1	DSI3	633334	3500.01	21.02	21.50	1.117	-	-	-0.13	0.051	0.057
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	23.95	24.50	1.135	50	1.000	0.08	0.172	0.195
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	16.88	18.50	1.452	-	-	0.16	0.088	0.128
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1	DSI3	633334	3500.01	19.93	21.50	1.435	50	1.000	0.01	0.095	0.136
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	650000	3750	23.37	25.00	1.455	-	-	-0.04	0.112	0.163
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	650000	3750	23.24	25.00	1.500	-	-	0.1	0.104	0.156
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	650000	3750	23.37	25.00	1.455	-	-	-0.04	0.039	0.057
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	650000	3750	23.24	25.00	1.500	-	-	-0.01	0.043	0.064
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	650000	3750	24.46	26.00	1.426	50	1.000	0	0.069	0.098
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	650000	3750	20.38	21.50	1.294	-	-	-0.11	0.088	0.114
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	650000	3750	23.39	24.00	1.151	50	1.000	-0.06	0.082	0.094
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	23.31	25.00	1.476	-	-	0.03	0.077	0.114
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	23.25	25.00	1.496	-	-	-0.13	0.060	0.090
	FR1 n78 Other_PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	633334	3500.01	23.31	25.00	1.476	-	-	0.16	0.052	0.077
	FR1 n78 Other_PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 8	DSI3	633334	3500.01	23.25	25.00	1.496	-	-	-0.15	0.051	0.076
	FR1 n78 Other_PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	25.48	26.00	1.127	50	1.000	-0.02	0.063	0.071
	FR1 n78 Main PA	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	19.82	21.50	1.472	-	-	-0.09	0.052	0.077
	FR1 n78 Main PA PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 8	DSI3	633334	3500.01	22.66	24.00	1.361	50	1.000	0.14	0.053	0.072

Plot No.	Band	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)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	0.08	0.091	0.104
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 9+10	Full power	1	2412	21.92	22.50	1.142	100	1.000	-0.18	0.000	0.000
	Bluetooth	1Mbps	Front	15mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.04	0.025	0.039
	Bluetooth	1Mbps	Back	15mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.1	0.000	0.000
	Bluetooth	1Mbps	Front	15mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.01	0.023	0.034
	Bluetooth	1Mbps	Back	15mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.12	0.000	0.000
5000MHz																
88	WLAN5.3GHz	802.11a 6Mbps	Front	15mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.181	99.32	1.007	-0.05	0.236	0.281
	WLAN5.3GHz	802.11a 6Mbps	Back	15mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.181	99.32	1.007	0.08	0.057	0.068
89	WLAN5.5GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.03	0.271	0.336
	WLAN5.5GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.17	0.065	0.081
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	15mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.05	0.230	0.265
	WLAN5.8GHz	802.11n-HT40 MCS0	Back	15mm	Ant 8+10	Full power	151	5755	19.89	20.50	1.151	100	1.000	-0.03	0.070	0.081

16.4 Product specific 10g SAR
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Plot No.	Band	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 10g SAR (W/kg)	Reported 10g SAR (W/kg)
5000MHz																
	WLAN5.3GHz	802.11a 6Mbps	Front	0mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.180	99.32	1.007	-0.11	1.05	1.248
	WLAN5.3GHz	802.11a 6Mbps	Back	0mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.180	99.32	1.007	-0.12	0.674	0.801
90	WLAN5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.180	99.32	1.007	-0.04	1.50	1.783
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 8+10	Full power	60	5300	20.78	21.50	1.180	99.32	1.007	-0.02	1.48	1.759
	WLAN5.5GHz	802.11ax-HE20 MCS0	Front	0mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	0.11	0.83	1.028
	WLAN5.5GHz	802.11ax-HE20 MCS0	Back	0mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.05	0.59	0.733
91	WLAN5.5GHz	802.11ax-HE20 MCS0	Right Side	0mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.07	1.49	1.845
	WLAN5.5GHz	802.11ax-HE20 MCS0	Top Side	0mm	Ant 8+10	Full power	100	5500	21.07	22.00	1.239	100	1.000	-0.08	1.20	1.486



16.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	EUT Flip State	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 26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant 1	DSI5	26865	831.5	open	20.59	21.50	1.233	-	-	-0.02	0.845	1	1.042
2nd	LTE Band 26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant 1	DSI5	26865	831.5	open	20.59	21.50	1.233	-	-	0.01	0.801	1.055	0.988
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI5	638000	3570	open	18.19	18.70	1.125	-	-	-0.06	0.932	1	1.048
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI5	638000	3570	open	18.19	18.70	1.125	-	-	0.01	0.901	1.035	1.013
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI5	645332	3679.98	open	18.11	18.70	1.146	-	-	0.11	0.870	1	0.997
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI5	645332	3679.98	open	18.11	18.70	1.146	-	-	0.09	0.846	1.029	0.969
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 9+10	Receiver on	1	2412	open	18.77	19.50	1.183	100	1.000	0.01	0.863	1	1.021
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 9+10	Receiver on	1	2412	open	18.77	19.50	1.183	100	1.000	0.01	0.801	1.077	0.948
1st	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 5	DSI1	349000	1745	close	18.32	18.70	1.091	-	-	-0.02	0.884	1	0.965
2nd	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 5	DSI1	349000	1745	close	18.32	18.70	1.091	-	-	0.07	0.855	1.034	0.933
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 5	DSI1	9262	1852.4	close	17.58	18.50	1.236	-	-	0.06	0.884	1	1.093
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 5	DSI1	9262	1852.4	close	17.58	18.50	1.236	-	-	0.01	0.758	1.166	0.937
1st	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Left Cheek	0mm	Ant 5	DSI1	507000	2535	close	16.35	16.70	1.084	-	-	0.07	0.957	1	1.037
2nd	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Left Cheek	0mm	Ant 5	DSI1	507000	2535	close	16.35	16.70	1.084	-	-	0.04	0.950	1.007	1.030
1st	WLAN5.2GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	42	5210	close	17.65	18.50	1.216	100	1.000	-0.07	0.851	1	1.035
2nd	WLAN5.2GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	42	5210	close	17.65	18.50	1.216	100	1.000	0.01	0.803	1.059	0.977
1st	WLAN5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	106	5530	close	17.18	18.00	1.208	100	1.000	-0.04	0.880	1	1.063
2nd	WLAN5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	106	5530	close	17.18	18.00	1.208	100	1.000	0.01	0.835	1.054	1.009
1st	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	155	5775	close	17.15	18.00	1.216	100	1.000	-0.01	0.822	1	1.000
2nd	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 8+10	Receiver on	155	5775	close	17.15	18.00	1.216	100	1.000	0.02	0.801	1.027	0.974
1st	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	close	15.16	16.00	1.213	-	-	-0.08	0.842	1	1.022
2nd	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7	DSI4	656000	3840	close	15.16	16.00	1.213	-	-	0.01	0.801	1.051	0.972

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. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16.6 TDD 5G NR Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for 5G NR n77/n78. 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 5G NR 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.

FR1 n77(HPUE) Part270 Ant 7-Linearity Data for Head Open			FR1 n77(HPUE) Part270 Ant 7-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	16.00	19.00
Reported 1g SAR (W/kg)	0.659	0.619	Reported 1g SAR (W/kg)	0.862	0.793
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	0.657		Linearity SAR (W/kg)	0.860	
% deviation from expected linearity		-5.85%	% deviation from expected linearity		-7.79%
FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	16.00	19.00
Reported 1g SAR (W/kg)	0.884	0.862	Reported 1g SAR (W/kg)	0.903	0.912
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	0.882		Linearity SAR (W/kg)	0.901	
% deviation from expected linearity		-2.26%	% deviation from expected linearity		1.24%
FR1 n77(HPUE) Part270 Ant 6-Linearity Data for Head Open			FR1 n77(HPUE) Part270 Ant 6-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	24.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	1.018	0.935	Reported 1g SAR (W/kg)	0.757	0.766
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	1.016		Linearity SAR (W/kg)	0.755	
% deviation from expected linearity		-7.94%	% deviation from expected linearity		1.43%
FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	24.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.926	0.865	Reported 1g SAR (W/kg)	0.665	0.614
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	0.924		Linearity SAR (W/kg)	0.663	
% deviation from expected linearity		-6.37%	% deviation from expected linearity		-7.45%
FR1 n77(HPUE) Part270 Ant 1 Other PA-Linearity Data for Head Open			FR1 n77(HPUE) Part270 Ant 1 Other PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.746	0.677	Reported 1g SAR (W/kg)	0.862	0.777
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.744		Linearity SAR (W/kg)	0.860	
% deviation from expected linearity		-9.03%	% deviation from expected linearity		-9.65%
FR1 n77(HPUE) Part270 Ant 1 Main PA-Linearity Data for Head Open			FR1 n77(HPUE) Part270 Ant 1 Main PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.243	0.264	Reported 1g SAR (W/kg)	0.603	0.578
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%



Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.242		Linearity SAR (W/kg)	0.602	
% deviation from expected linearity		8.90%	% deviation from expected linearity		-3.92%
FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	1.091	1.046	Reported 1g SAR (W/kg)	1.094	1.035
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	1.088		Linearity SAR (W/kg)	1.091	
% deviation from expected linearity		-3.90%	% deviation from expected linearity		-5.17%
FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.551	0.503	Reported 1g SAR (W/kg)	0.358	0.343
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.550		Linearity SAR (W/kg)	0.357	
% deviation from expected linearity		-8.49%	% deviation from expected linearity		-3.96%
FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	1.030	1.085	Reported 1g SAR (W/kg)	1.082	1.039
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	1.028		Linearity SAR (W/kg)	1.079	
% deviation from expected linearity		5.59%	% deviation from expected linearity		-3.75%
FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.789	0.730	Reported 1g SAR (W/kg)	0.540	0.486
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.787		Linearity SAR (W/kg)	0.539	
% deviation from expected linearity		-7.26%	% deviation from expected linearity		-9.79%
FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.788	0.736	Reported 1g SAR (W/kg)	0.643	0.586
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.786		Linearity SAR (W/kg)	0.641	
% deviation from expected linearity		-6.38%	% deviation from expected linearity		-8.65%
FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Open			FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.471	0.506	Reported 1g SAR (W/kg)	0.417	0.376
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.470		Linearity SAR (W/kg)	0.416	
% deviation from expected linearity		7.69%	% deviation from expected linearity		-9.62%

FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27O Ant 7-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	16.00	19.00
Reported 1g SAR (W/kg)	0.548	0.591	Reported 1g SAR (W/kg)	1.022	0.934
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	0.547		Linearity SAR (W/kg)	1.020	
% deviation from expected linearity		8.10%	% deviation from expected linearity		-8.39%
FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	16.00	19.00
Reported 1g SAR (W/kg)	0.668	0.666	Reported 1g SAR (W/kg)	0.814	0.886
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	0.666		Linearity SAR (W/kg)	0.812	
% deviation from expected linearity		-0.06%	% deviation from expected linearity		9.10%
FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27O Ant 6-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	0.435	0.407	Reported 1g SAR (W/kg)	0.863	0.787
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	89.13	88.91
Linearity SAR (W/kg)	0.434		Linearity SAR (W/kg)	0.861	
% deviation from expected linearity		-6.21%	% deviation from expected linearity		-8.59%
FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	0.283	0.262	Reported 1g SAR (W/kg)	0.659	0.598
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	89.13	88.91
Linearity SAR (W/kg)	0.282		Linearity SAR (W/kg)	0.657	
% deviation from expected linearity		-7.20%	% deviation from expected linearity		-9.04%
FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.135	0.140	Reported 1g SAR (W/kg)	0.339	0.305
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.135		Linearity SAR (W/kg)	0.338	
% deviation from expected linearity		3.95%	% deviation from expected linearity		-9.82%
FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.059	0.064	Reported 1g SAR (W/kg)	0.132	0.120
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.059		Linearity SAR (W/kg)	0.132	
% deviation from expected linearity		8.73%	% deviation from expected linearity		-8.88%
FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Close		



	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.479	0.457	Reported 1g SAR (W/kg)	0.610	0.615
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.478		Linearity SAR (W/kg)	0.609	
% deviation from expected linearity		-4.37%	% deviation from expected linearity		1.06%
FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.372	0.337	Reported 1g SAR (W/kg)	0.460	0.473
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.371		Linearity SAR (W/kg)	0.459	
% deviation from expected linearity		-9.19%	% deviation from expected linearity		3.07%
FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.282	0.258	Reported 1g SAR (W/kg)	0.827	0.894
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.281		Linearity SAR (W/kg)	0.825	
% deviation from expected linearity		-8.29%	% deviation from expected linearity		8.36%
FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.159	0.172	Reported 1g SAR (W/kg)	0.309	0.286
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.159		Linearity SAR (W/kg)	0.308	
% deviation from expected linearity		8.43%	% deviation from expected linearity		-7.22%
FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.230	0.237	Reported 1g SAR (W/kg)	0.725	0.683
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.229		Linearity SAR (W/kg)	0.723	
% deviation from expected linearity		3.29%	% deviation from expected linearity		-5.57%
FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open			FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.131	0.122	Reported 1g SAR (W/kg)	0.341	0.316
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.131		Linearity SAR (W/kg)	0.340	
% deviation from expected linearity		-6.65%	% deviation from expected linearity		-7.11%

FR1 n77(HPUE) Part270 Ant 7-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part270 Ant 7-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	0.283	0.270	Reported 1g SAR (W/kg)	0.203	0.208
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.282		Linearity SAR (W/kg)	0.203	
% deviation from expected linearity		-4.37%	% deviation from expected linearity		2.71%
FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	0.182	0.188	Reported 1g SAR (W/kg)	0.121	0.128
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.182		Linearity SAR (W/kg)	0.121	
% deviation from expected linearity		3.54%	% deviation from expected linearity		6.04%
FR1 n77(HPUE) Part270 Ant 6-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part270 Ant 6-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.50	27.00	Maximum Tune up Power (dBm)	25.50	27.00
Reported 1g SAR (W/kg)	0.278	0.203	Reported 1g SAR (W/kg)	0.203	0.156
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	354.81	250.59	Frame Averaged (mW)	354.81	250.59
Linearity SAR (W/kg)	0.196		Linearity SAR (W/kg)	0.143	
% deviation from expected linearity		3.39%	% deviation from expected linearity		8.81%
FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.50	27.00	Maximum Tune up Power (dBm)	25.50	27.00
Reported 1g SAR (W/kg)	0.266	0.189	Reported 1g SAR (W/kg)	0.180	0.123
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	354.81	250.59	Frame Averaged (mW)	354.81	250.59
Linearity SAR (W/kg)	0.188		Linearity SAR (W/kg)	0.127	
% deviation from expected linearity		0.60%	% deviation from expected linearity		-3.25%
FR1 n77(HPUE) Part270 Ant 1 Other PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part270 Ant 1 Other PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	24.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.155	0.148	Reported 1g SAR (W/kg)	0.091	0.084
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	0.155		Linearity SAR (W/kg)	0.091	
% deviation from expected linearity		-4.29%	% deviation from expected linearity		-7.47%
FR1 n77(HPUE) Part270 Ant 1 Main PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part270 Ant 1 Main PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.094	0.099	Reported 1g SAR (W/kg)	0.051	0.053
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.094		Linearity SAR (W/kg)	0.051	
% deviation from expected linearity		5.57%	% deviation from expected linearity		4.17%
FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Close		

	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	24.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.365	0.361	Reported 1g SAR (W/kg)	0.294	0.293
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	0.364		Linearity SAR (W/kg)	0.293	
% deviation from expected linearity		-0.86%	% deviation from expected linearity		-0.10%
FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.279	0.264	Reported 1g SAR (W/kg)	0.168	0.158
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.278		Linearity SAR (W/kg)	0.168	
% deviation from expected linearity		-5.15%	% deviation from expected linearity		-5.73%
FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	26.00	Maximum Tune up Power (dBm)	25.00	26.00
Reported 1g SAR (W/kg)	0.660	0.432	Reported 1g SAR (W/kg)	0.338	0.229
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	199.05	Frame Averaged (mW)	316.23	199.05
Linearity SAR (W/kg)	0.415		Linearity SAR (W/kg)	0.213	
% deviation from expected linearity		3.98%	% deviation from expected linearity		7.63%
FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.50	24.00	Maximum Tune up Power (dBm)	21.50	24.00
Reported 1g SAR (W/kg)	0.392	0.356	Reported 1g SAR (W/kg)	0.173	0.163
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	125.59	Frame Averaged (mW)	141.25	125.59
Linearity SAR (W/kg)	0.349		Linearity SAR (W/kg)	0.154	
% deviation from expected linearity		2.14%	% deviation from expected linearity		5.97%
FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	26.00	Maximum Tune up Power (dBm)	25.00	26.00
Reported 1g SAR (W/kg)	0.395	0.225	Reported 1g SAR (W/kg)	0.260	0.172
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	199.05	Frame Averaged (mW)	316.23	199.05
Linearity SAR (W/kg)	0.249		Linearity SAR (W/kg)	0.164	
% deviation from expected linearity		-9.51%	% deviation from expected linearity		5.10%
FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Open			FR1 n77(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Close		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.50	24.00	Maximum Tune up Power (dBm)	21.50	24.00
Reported 1g SAR (W/kg)	0.167	0.146	Reported 1g SAR (W/kg)	0.133	0.128
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	125.59	Frame Averaged (mW)	141.25	125.59
Linearity SAR (W/kg)	0.148		Linearity SAR (W/kg)	0.118	
% deviation from expected linearity		-1.67%	% deviation from expected linearity		8.24%

FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Head Open			FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.672	0.731	Reported 1g SAR (W/kg)	0.658	0.665
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.670		Linearity SAR (W/kg)	0.656	
% deviation from expected linearity		9.04%	% deviation from expected linearity		1.30%
FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	1.003	1.084	Reported 1g SAR (W/kg)	0.903	0.897
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	1.001		Linearity SAR (W/kg)	0.901	
% deviation from expected linearity		8.33%	% deviation from expected linearity		-0.43%
FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Head Open			FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	22.50	25.50
Reported 1g SAR (W/kg)	0.966	1.027	Reported 1g SAR (W/kg)	0.958	0.879
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	112.20	111.94	Frame Averaged (mW)	177.83	177.41
Linearity SAR (W/kg)	0.964		Linearity SAR (W/kg)	0.956	
% deviation from expected linearity		6.57%	% deviation from expected linearity		-8.03%
FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	22.50	25.50
Reported 1g SAR (W/kg)	0.804	0.744	Reported 1g SAR (W/kg)	0.772	0.766
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	112.20	111.94	Frame Averaged (mW)	177.83	177.41
Linearity SAR (W/kg)	0.802		Linearity SAR (W/kg)	0.770	
% deviation from expected linearity		-7.24%	% deviation from expected linearity		-0.54%
FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.854	0.812	Reported 1g SAR (W/kg)	0.754	0.776
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.852		Linearity SAR (W/kg)	0.752	
% deviation from expected linearity		-4.69%	% deviation from expected linearity		3.16%
FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.731	0.692	Reported 1g SAR (W/kg)	0.321	0.299
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.729		Linearity SAR (W/kg)	0.320	
% deviation from expected linearity		-5.11%	% deviation from expected linearity		-6.63%
FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Head Close		

	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.916	0.831	Reported 1g SAR (W/kg)	0.908	0.989
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.914		Linearity SAR (W/kg)	0.906	
% deviation from expected linearity		-9.06%	% deviation from expected linearity		9.18%
FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.726	0.710	Reported 1g SAR (W/kg)	0.369	0.354
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.724		Linearity SAR (W/kg)	0.368	
% deviation from expected linearity		-1.97%	% deviation from expected linearity		-3.84%
FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.976	0.936	Reported 1g SAR (W/kg)	1.048	1.037
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.974		Linearity SAR (W/kg)	1.046	
% deviation from expected linearity		-3.87%	% deviation from expected linearity		-0.81%
FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.648	0.617	Reported 1g SAR (W/kg)	0.703	0.709
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.646		Linearity SAR (W/kg)	0.701	
% deviation from expected linearity		-4.56%	% deviation from expected linearity		1.09%
FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.758	0.691	Reported 1g SAR (W/kg)	0.674	0.619
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.756		Linearity SAR (W/kg)	0.672	
% deviation from expected linearity		-8.62%	% deviation from expected linearity		-7.94%
FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Open			FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Head Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.454	0.434	Reported 1g SAR (W/kg)	0.534	0.508
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.453		Linearity SAR (W/kg)	0.533	
% deviation from expected linearity		-4.18%	% deviation from expected linearity		-4.64%

FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.390	0.424	Reported 1g SAR (W/kg)	0.689	0.678
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.389		Linearity SAR (W/kg)	0.687	
% deviation from expected linearity		8.98%	% deviation from expected linearity		-1.36%
FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.475	0.464	Reported 1g SAR (W/kg)	0.719	0.677
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.474		Linearity SAR (W/kg)	0.717	
% deviation from expected linearity		-2.08%	% deviation from expected linearity		-5.62%
FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27O Ant 6-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	0.479	0.443	Reported 1g SAR (W/kg)	0.766	0.709
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	112.20	111.94	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.478		Linearity SAR (W/kg)	0.764	
% deviation from expected linearity		-7.30%	% deviation from expected linearity		-7.22%
FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	0.415	0.420	Reported 1g SAR (W/kg)	0.690	0.648
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	112.20	111.94	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.414		Linearity SAR (W/kg)	0.688	
% deviation from expected linearity		1.45%	% deviation from expected linearity		-5.86%
FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27O Ant 1 Other PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.418	0.382	Reported 1g SAR (W/kg)	0.381	0.359
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.417		Linearity SAR (W/kg)	0.380	
% deviation from expected linearity		-8.40%	% deviation from expected linearity		-5.55%
FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27O Ant 1 Main PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.225	0.214	Reported 1g SAR (W/kg)	0.168	0.183
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.224		Linearity SAR (W/kg)	0.168	
% deviation from expected linearity		-4.66%	% deviation from expected linearity		9.19%
FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Hotspot Close		



	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.844	0.783	Reported 1g SAR (W/kg)	0.418	0.436
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.842		Linearity SAR (W/kg)	0.417	
% deviation from expected linearity		-7.01%	% deviation from expected linearity		4.55%
FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.733	0.683	Reported 1g SAR (W/kg)	0.293	0.284
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.731		Linearity SAR (W/kg)	0.292	
% deviation from expected linearity		-6.60%	% deviation from expected linearity		-2.84%
FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.208	0.204	Reported 1g SAR (W/kg)	0.940	1.022
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.208		Linearity SAR (W/kg)	0.938	
% deviation from expected linearity		-1.69%	% deviation from expected linearity		8.98%
FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.121	0.116	Reported 1g SAR (W/kg)	0.583	0.534
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.121		Linearity SAR (W/kg)	0.582	
% deviation from expected linearity		-3.90%	% deviation from expected linearity		-8.19%
FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.00	19.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.252	0.235	Reported 1g SAR (W/kg)	0.655	0.590
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.251		Linearity SAR (W/kg)	0.653	
% deviation from expected linearity		-6.52%	% deviation from expected linearity		-9.71%
FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Open			FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Hotspot Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	12.50	15.50	Maximum Tune up Power (dBm)	14.50	17.50
Reported 1g SAR (W/kg)	0.137	0.124	Reported 1g SAR (W/kg)	0.365	0.340
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	17.78	17.74	Frame Averaged (mW)	28.18	28.12
Linearity SAR (W/kg)	0.137		Linearity SAR (W/kg)	0.364	
% deviation from expected linearity		-9.27%	% deviation from expected linearity		-6.63%

FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part270 Ant 7-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.220	0.230	Reported 1g SAR (W/kg)	0.209	0.191
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.219		Linearity SAR (W/kg)	0.209	
% deviation from expected linearity		4.79%	% deviation from expected linearity		-8.40%
FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 7-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.157	0.162	Reported 1g SAR (W/kg)	0.143	0.151
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.157		Linearity SAR (W/kg)	0.143	
% deviation from expected linearity		3.43%	% deviation from expected linearity		5.85%
FR1 N78(HPUE) Part270 Ant 6-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part270 Ant 6-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	25.50	27.20	Maximum Tune up Power (dBm)	25.50	27.20
Reported 1g SAR (W/kg)	0.275	0.209	Reported 1g SAR (W/kg)	0.210	0.166
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	354.81	262.40	Frame Averaged (mW)	354.81	262.40
Linearity SAR (W/kg)	0.203		Linearity SAR (W/kg)	0.155	
% deviation from expected linearity		2.76%	% deviation from expected linearity		6.89%
FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 6-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	25.50	27.20	Maximum Tune up Power (dBm)	25.50	27.20
Reported 1g SAR (W/kg)	0.248	0.182	Reported 1g SAR (W/kg)	0.200	0.156
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	354.81	262.40	Frame Averaged (mW)	354.81	262.40
Linearity SAR (W/kg)	0.183		Linearity SAR (W/kg)	0.148	
% deviation from expected linearity		-0.77%	% deviation from expected linearity		5.47%
FR1 N78(HPUE) Part270 Ant 1 Other PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part270 Ant 1 Other PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	21.50	24.50
Reported 1g SAR (W/kg)	0.220	0.225	Reported 1g SAR (W/kg)	0.136	0.133
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	141.25	140.92
Linearity SAR (W/kg)	0.219		Linearity SAR (W/kg)	0.136	
% deviation from expected linearity		2.52%	% deviation from expected linearity		-1.97%
FR1 N78(HPUE) Part270 Ant 1 Main PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part270 Ant 1 Main PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.162	0.152	Reported 1g SAR (W/kg)	0.081	0.082
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.162		Linearity SAR (W/kg)	0.081	
% deviation from expected linearity		-5.95%	% deviation from expected linearity		1.47%
FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 1 Other PA-Linearity Data for Bodyworn Close		



	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	21.50	24.50
Reported 1g SAR (W/kg)	0.269	0.258	Reported 1g SAR (W/kg)	0.181	0.195
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	141.25	140.92
Linearity SAR (W/kg)	0.268		Linearity SAR (W/kg)	0.181	
% deviation from expected linearity		-3.86%	% deviation from expected linearity		7.99%
FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 1 Main PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.225	0.214	Reported 1g SAR (W/kg)	0.128	0.136
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.224		Linearity SAR (W/kg)	0.128	
% deviation from expected linearity		-4.66%	% deviation from expected linearity		6.50%
FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27O Ant 8 Other PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	26.00	Maximum Tune up Power (dBm)	25.00	26.00
Reported 1g SAR (W/kg)	0.637	0.378	Reported 1g SAR (W/kg)	0.163	0.098
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	199.05	Frame Averaged (mW)	316.23	199.05
Linearity SAR (W/kg)	0.401		Linearity SAR (W/kg)	0.103	
% deviation from expected linearity		-5.73%	% deviation from expected linearity		-4.49%
FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27O Ant 8 Main PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	21.50	24.00	Maximum Tune up Power (dBm)	21.50	24.00
Reported 1g SAR (W/kg)	0.449	0.372	Reported 1g SAR (W/kg)	0.114	0.094
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	125.59	Frame Averaged (mW)	141.25	125.59
Linearity SAR (W/kg)	0.399		Linearity SAR (W/kg)	0.101	
% deviation from expected linearity		-6.82%	% deviation from expected linearity		-7.26%
FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 8 Other PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	26.00	Maximum Tune up Power (dBm)	25.00	26.00
Reported 1g SAR (W/kg)	0.394	0.252	Reported 1g SAR (W/kg)	0.114	0.071
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	199.05	Frame Averaged (mW)	316.23	199.05
Linearity SAR (W/kg)	0.248		Linearity SAR (W/kg)	0.072	
% deviation from expected linearity		1.61%	% deviation from expected linearity		-1.06%
FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Open			FR1 N78(HPUE) Part27Q Ant 8 Main PA-Linearity Data for Bodyworn Close		
	FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)		FR1 N78 (Power Class 3)	FR1 N78 (Power Class 2)
Maximum Tune up Power (dBm)	21.50	24.00	Maximum Tune up Power (dBm)	21.50	24.00
Reported 1g SAR (W/kg)	0.177	0.152	Reported 1g SAR (W/kg)	0.077	0.072
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	125.59	Frame Averaged (mW)	141.25	125.59
Linearity SAR (W/kg)	0.157		Linearity SAR (W/kg)	0.068	
% deviation from expected linearity		-3.42%	% deviation from expected linearity		5.17%

17. 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.	5GHz WLAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
8.	6GHz WLAN + 2.4GHz WLAN	Yes	Yes		Yes
9.	WWAN +5GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
10.	WWAN +6GHz WLAN + Bluetooth	Yes	Yes		Yes
11.	WWAN +5GHz WLAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
12.	WWAN +6GHz WLAN + 2.4GHz WLAN	Yes	Yes		Yes
13.	WWAN + 2.4GHz WLAN+ NFC				Yes
14.	WWAN + 5GHz/6GHz WLAN+ NFC				Yes
15.	WWAN + Bluetooth+ NFC				Yes
16.	5GHz/6GHz WLAN + Bluetooth+ NFC				Yes
17.	5GHz/6GHz WLAN + 2.4GHz WLAN+ NFC				Yes
18.	WWAN +5GHz/6GHz WLAN + Bluetooth+ NFC				Yes
19.	WWAN +5GHz/6GHz WLAN + 2.4GHz WLAN+ NFC				Yes

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5G NR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands and EN-DC combination.
- WLAN2.4GHz/WLAN5GHz MIMO SAR can represent SISO SAR to do co-located SAR analysis.
- EUT will choose each GSM, WCDMA, LTE and 5G NR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz / 5.5GHz supports WiFi Direct (GC only). WLAN6GHz has no hotspot function.
- For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G (PCC+SCC) operations within an antenna group is demonstrated in the Part 2 Report during algorithm validation.
- 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. Each antenna group has controlled the total RF exposure from all transmitter to not exceed FCC limit. Therefore, in Part.1 report, it is evaluated whether the sum of the groups of each antenna does not exceed FCC limit or spatial separation is applied. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in this report at extremity exposure condition.
- This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
- 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.
- According to the EUT characteristic, WLAN2.4GHz and Bluetooth cannot transmit simultaneously.
- According to the EUT characteristic, WLAN5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
- The worst case 5 GHz/6GHz WLAN SAR for each configuration was used for SAR summation.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
- For standalone WWAN/BT/WLAN, always choose the highest SAR among all WWAN/BT/WLAN bands within all

- antennas for each exposure position to perform simultaneous transmission analysis. This is the worst co-located analysis and can represent each band.
18. The maximum SAR summation is calculated based on the same configuration and test position.
 19. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
 20. 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} / (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 ≤ 0.04 for 1g SAR and SPLSR ≤ 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.
 21. 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 17 in the SAR report has no TER analysis according to KDB 987594 requirement.

17.1 MIMO SAR Test condition and verification

General Note:

1. 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:
 - 1) 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).
2. 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} .
 - $backoff(i)$ 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 $backoff(i) = 0$ 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.
3. 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.
 4. Per Qualcomm's document guideline, WLAN MIMO Plimit is configured in the EFS and WLAN MIMO antennas belong to the same antenna group, then SAR measurement results at MIMO Plimit for the corresponding WLAN MIMO transmission scenario can be referred to section 16 in this report.
 5. Per Qualcomm's document guideline, FR1/BT MIMO Plimit is not populated in the EFS file, but MIMO operation is supported for antennas belonging to the same antenna group, the detail FR1/BT MIMO analysis results please referred to appendix H.

17.2 Sub6 Antenna Groups

The Qualcomm® Smart Transmit™ 4.0 of Smart Transmit (GEN2) Feature operates based on pre-defined sub6 antenna groups (AG). Sub6 Tx antennas in the device are grouped based on spatial variation of RF exposure distributions, where the RF exposure of one AG is mutually exclusive from other AG. This is accomplished by demonstrating below conditions for all exposure positions under each DSI for a given exposure category.

- 1) Case 1: Demonstrate that Sum of maximum reported SAR from each of the sub6 AGs and the reported normalized SAR values from radios outside Smart Transmit should be less than regulatory limits for each supported DSI. This condition must be demonstrated for all antenna combinations of sub6 AGs.
 - i. For a given DSI, obtain the highest *reported* SAR for each antenna out of all supported technologies and frequency bands. Obtain the maximum *reported* SAR for each AG by taking the maximum out of *reported* SAR for all antennas belonging to each AG.
 - ii. Demonstrate that the sum of maximum reported SAR (normalized to regulatory limit) from each of the sub6 AGs and the sum of reported SAR (normalized to regulatory limit) from all supported radios outside of Smart Transmit should be less than 1.0
- 2) Case 2: If the Case 1 is NOT met, then for a given antenna grouping scheme plus external radios/antennas (ERs) (referred to as 'configuration'), demonstrate all AG pairs, all ER pairs and all (AG, ER) pairs in the configuration meet SPLSR criteria (Section 4.3.2 (c) in FCC KDB 447498 D01 v06) for each exposure position under each supported DSI. For a given exposure position under a given DSI, prove all AG pairs, all ER pairs and all (AG, ER) pairs (if there are external radios outside Smart Transmit) in the configuration meet SPLSR.

This device supports two sub6 AG: AG0 and AG1, the detailed please refer to the below table:

Antenna Group 0 (AG0)	ANT1 & ANT5 & ANT6 & ANT7 & ANT8 & ANT9 & ANT10
Antenna Group 1 (AG1)	ANT0

- 3) This model's multi_Tx_factor is 1.0.

The conditions are verified through the following criterias:

- i) (SAR1 + SAR2 criteria): If SPLSR criteria is not used, then the highest reported SAR at *Plimit* for each antenna should be obtained out of all supported technologies and frequency bands for each DSI. Demonstrate that the sum of reported SAR of one antenna from each of the sub6 AGs and the sum of RF exposure from all supported radios outside of Smart Transmit should be less than the regulatory limit as given below for each DSI.
 1. Obtain the worst-case reported SAR for each antenna group (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and obtain the worst-case RF exposure for each external radio, and demonstrate that the sum of these RF exposures meets: $\{ [\text{max.SAR.AG0} + \text{max.SAR.AG1}] + \text{each external radio worst-case reported SAR (ex: NFC)} \} \leq 1.6$ (for 1g, or 4.0 for 10g). (each external radio worst-case reported SAR is the worst SAR in all combinations of each external radio simultaneous transmission).
- ii) (SPLSR criteria): For each antenna, obtain the highest reported SAR value at *Plimit* out of all supported technologies for each frequency band. Using these values, demonstrate for a given DSI that every antenna from one sub6 AG meets SPLSR criteria with every antenna in another sub6 AG for all frequency bands. This criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios as given below for each DSI:
 - a. SPLSR criteria should be met for all antenna pair combinations of AG0 and AG1. As it can be seen, these include all combinations of antenna groups, antennas, and frequency bands.
 - b. Obtain combined SAR per AG: Obtain the worst-case conservative combined SAR and its peak location for each AG.
 - c. Use the 'closest' peak location out of all antennas of AGj to evaluate SPLSR with other AGs in the configuration. Note, by 'closest', select the peak location out of all antennas (ϵ AGj) that is closest to the peak location of other AG where SPLSR is evaluated.
- iii) (combination of SPLSR & SAR1+SAR2 criteria): If SPLSR criteria for all the combinations of sub6g antenna groups in (i) is demonstrated to show that each AG is mutually exclusive from other AGs, and if the WIFI/BT antennas supported outside of Smart Transmit do not meet SPLSR criteria, then the condition in (ii) reduces to: $\{ \text{max.SAR.AG0} + \text{worst-case reported SAR} \} \leq 1.6$ and $\{ \text{max.SAR.AG1} + \text{worst-case reported SAR} \} \leq 1.6$ for compliance demonstration (for 1g, or 4.0 for 10g).
- iv) Obtain the worst-case reported SAR for each antenna group, (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and WIFI/BT antennas supported Smart Transmit technology and there is no other radios in this report, and demonstrate that the sum of these RF exposures meets: $\{ [\text{max.SAR.AG0} + \text{max.SAR.AG1}] \} \leq 1.6$ (for 1g, or 4.0 for 10g).

For summed SAR results and SPLSR detailed analysis please refer to section 17.3 / 17.4 / 17.5 / 17.6 of this report. All of the combinations of sub6 antenna groups are sufficient to show that AG0 is mutually exclusive from AG1 and that

simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528- 2013 Section 6.3.4.1.

17.3 Head Exposure Conditions

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	WLAN6GHz Ant8+10	BT Ant9	BT Ant10	MAX
Right Cheek	1.091	1.029	1.053	1.084	0.352	0.300	0.442	0.533	0.287	0.184	1.091
Right Tilted	0.324	1.068	0.170	0.746	0.392	0.092	0.403	0.563	0.350	0.066	1.068
Left Cheek	1.081	0.863	1.093	0.354	1.005	1.021	0.974	0.855	0.561	0.696	1.093
Left Tilted	0.214	0.869	0.518	0.241	1.085	0.233	0.867	0.772	0.560	0.197	1.085

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Right Cheek	0.150	0.150
Right Tilted	0.089	0.089
Left Cheek	0.197	0.197
Left Tilted	0.074	0.074

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Right Cheek	1.091	0.150	1.24
Right Tilted	1.068	0.089	1.16
Left Cheek	1.093	0.197	1.29
Left Tilted	1.085	0.074	1.16

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	WLAN6GHz Ant8+10	BT Ant9	BT Ant10	MAX
Right Cheek	0.719	0.603	1.090	0.388	1.082	0.976	1.063	1.006	0.595	0.354	1.090
Right Tilted	0.202	0.776	0.365	0.234	0.963	0.297	0.896	1.084	0.403	0.140	1.084
Left Cheek	1.094	1.037	1.092	0.912	0.550	0.230	0.557	0.629	0.237	0.096	1.094
Left Tilted	0.309	1.093	0.326	0.905	0.558	0.162	0.535	0.867	0.304	0.084	1.093

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Right Cheek	0.411	0.411
Right Tilted	0.446	0.446
Left Cheek	0.442	0.442
Left Tilted	0.459	0.459

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Right Cheek 0mm	1.090	0.411	1.50
Right Tilted 0mm	1.084	0.446	1.53
Left Cheek 0mm	1.094	0.442	1.54
Left Tilted 0mm	1.093	0.459	1.55

17.4 Hotspot Exposure Conditions

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	BT Ant9	BT Ant10	MAX
Front	0.387	0.268	0.381	0.242	0.196	0.250	0.496	0.070	0.051	0.496
Back	0.458	0.260	0.358	0.279	0.172	0.215	0.587	0.070	0.043	0.587
Left Side	0.844	0.168		0.668						0.844
Right Side			0.676		0.132	0.520	0.613	0.000	0.110	0.676
Top Side	0.089	0.689	0.128	0.280	0.282	0.194	0.384	0.161	0.026	0.689
Bottom Side										

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Front	0.337	0.337
Back	0.478	0.478
Left Side	0.225	0.225
Right Side	0.167	0.167
Top Side		0.000
Bottom Side	1.035	1.035

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Front	0.496	0.337	0.83
Back	0.645	0.478	1.12
Left Side	0.994	0.225	1.22
Right Side	0.676	0.167	0.84
Top Side	0.689	0.000	0.69
Bottom Side	0.000	1.035	1.04

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	BT Ant9	BT Ant10	MAX
Front	0.648	0.400	0.484	0.603	0.472	0.359	0.884	0.225	0.225	0.884
Back	0.303	0.116	0.210	0.114	0.194	0.052	0.138	0.000	0.000	0.303
Left Side			1.094		0.173	0.979	0.938	0.059	0.553	1.094
Right Side	1.076	0.261		1.022	0.039					1.076
Top Side	0.098	0.958	0.096	0.428	1.022	0.088	0.673	0.361	0.099	1.022
Bottom Side	0.073		0.102							0.102

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Front	0.084	0.084
Back	0.427	0.427
Left Side	0.063	0.063
Right Side	0.109	0.109
Top Side	0.445	0.445
Bottom Side		

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Front	0.884	0.084	0.97
Back	0.303	0.427	0.73
Left Side	1.094	0.063	1.16
Right Side	1.076	0.109	1.19
Top Side	1.022	0.445	1.47
Bottom Side	0.102	0.000	0.10

17.5 Body-Worn Accessory Exposure Conditions

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	WLAN6GHz Ant8+10	BT Ant9	BT Ant10	MAX
Front	0.490	1.011	0.498	0.366	0.660	0.180	0.244	0.100	0.043	0.025	1.011
Back	0.390	1.090	0.529	0.452	0.580	0.128	0.313	0.071	0.000	0.000	1.090

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Front	0.369	0.369
Back	0.477	0.477

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Front	1.011	0.369	1.38
Back	1.090	0.477	1.57

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum report SAR>:

Test Position	Ant1	Ant5	Ant6	Ant7	Ant8	WLAN2.4GHz Ant9+10	WLAN5GHz Ant8+10	WLAN6GHz Ant8+10	BT Ant9	BT Ant10	MAX
Front	0.294	0.782	0.503	0.303	0.338	0.104	0.336	0.174	0.039	0.034	0.782
Back	0.202	0.286	0.244	0.072	0.131	0.000	0.081	0.121	0.000	0.000	0.286

<AG1 maximum report SAR>:

Test Position	Ant0	MAX
Front	0.108	0.108
Back	0.288	0.288

<Simultaneous Transmission analysis of AG0 + AG1>:

Test Position	AG0	AG1	AG0+AG1
Front	0.782	0.108	0.89
Back	0.286	0.288	0.57

17.6 Product specific 10g SAR Exposure Conditions

Remark:

- For 2.4GHz/Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

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General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT+NFC:

<AG0 maximum report SAR>:

Test Position	WLAN5GHz Ant8+10	MAX
Front	1.248	1.248
Back	0.801	0.801
Left Side		
Right Side	1.845	1.845
Top Side	1.759	1.759
Bottom Side		

<Simultaneous Transmission analysis of AG0 + NFC >:

Test Position	AG0	NFC	AG0+NFC
Front 10mm	1.248	0.006	1.25
Back 10mm	0.801	0.004	0.81
Left Side 10mm	0.000	0.009	0.01
Right Side 10mm	1.845	0.000	1.85
Top Side 10mm	1.759	0.000	1.76
Bottom Side 10mm	0.000	0.000	0.00

Test Engineer : Martin Li, Varus Wang, Light Wang, Ricky Gu

18. 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.

19. References

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- [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.
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- [11] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

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