



FCC SAR Test Report

Report No. : FA420703

	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	376500	1882.5	22.44	23.00	1.138	-	-	-0.04	0.606	0.689
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	376500	1882.5	22.44	23.00	1.138	-	-	-0.07	0.927	1.055
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	376500	1882.5	22.45	23.00	1.135	-	-	0.05	0.946	1.074
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	376500	1882.5	23.50	24.00	1.122	-	-	0.06	0.087	0.098
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	376500	1882.5	23.50	24.00	1.122	-	-	0.1	0.921	1.033
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	376500	1882.5	23.44	24.00	1.138	-	-	-0.1	0.087	0.099
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	376500	1882.5	23.44	24.00	1.138	-	-	-0.16	0.876	0.997
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	376500	1882.5	22.45	23.00	1.135	-	-	0.02	0.746	0.847
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.41	22.00	1.146	-	-	0.09	0.797	0.913
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.41	22.00	1.146	-	-	-0.1	0.947	1.085
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 1	-	DSI 4	Open	376500	1882.5	23.40	24.00	1.148	-	-	0.01	0.388	0.445
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 1	-	DSI 4	Open	376500	1882.5	23.40	24.00	1.148	-	-	-0.07	0.412	0.473
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.40	22.00	1.148	-	-	0.09	0.761	0.874
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.40	22.00	1.148	-	-	0.1	0.844	0.969
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.35	22.00	1.161	-	-	0.05	0.746	0.866
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	376500	1882.5	21.35	22.00	1.161	-	-	-0.07	0.825	0.958
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	376500	1882.5	23.40	24.00	1.148	-	-	0.07	0.099	0.114
84	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	376500	1882.5	23.40	24.00	1.148	-	-	0.02	1.060	1.217
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	Headset	DSI 10	Close	376500	1882.5	23.40	24.00	1.148	-	-	-0.05	0.926	1.063
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	376500	1882.5	23.33	24.00	1.167	-	-	-0.07	0.070	0.082
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	376500	1882.5	23.33	24.00	1.167	-	-	0.1	0.876	1.022
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	376500	1882.5	22.42	23.00	1.143	-	-	-0.03	0.933	1.066
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.72	20.50	1.197	-	-	-0.01	0.962	1.151
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.72	20.50	1.197	-	-	0.01	0.915	1.095
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2	-	DSI 4	Open	376500	1882.5	23.25	24.00	1.189	-	-	-0.09	0.687	0.817
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2	-	DSI 4	Open	376500	1882.5	23.25	24.00	1.189	-	-	0.05	0.547	0.650
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.70	20.50	1.202	-	-	-0.08	0.857	1.030
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.70	20.50	1.202	-	-	-0.09	0.815	0.980
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.68	20.50	1.208	-	-	-0.07	0.830	1.002
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	376500	1882.5	19.68	20.50	1.208	-	-	0.07	0.790	0.954
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	376500	1882.5	19.72	20.50	1.197	-	-	0.01	0.911	1.090
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	376500	1882.5	19.72	20.50	1.197	-	-	-0.01	0.153	0.183
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2	-	DSI 4	Close	376500	1882.5	23.25	24.00	1.189	-	-	-0.04	0.374	0.444
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2	-	DSI 4	Close	376500	1882.5	23.25	24.00	1.189	-	-	0.08	0.067	0.080
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	376500	1882.5	19.70	20.50	1.202	-	-	0.04	0.812	0.976
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	376500	1882.5	19.70	20.50	1.202	-	-	-0.06	0.136	0.164
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	376500	1882.5	19.68	20.50	1.208	-	-	0.02	0.850	1.027
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.47	22.50	1.268	-	-	0.07	0.901	1.142
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.47	22.50	1.268	-	-	0.06	0.933	1.183
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 3	-	DSI 4	Open	376500	1882.5	22.99	24.00	1.262	-	-	-0.03	0.448	0.565
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 3	-	DSI 4	Open	376500	1882.5	22.99	24.00	1.262	-	-	0.01	0.375	0.473
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.46	22.50	1.271	-	-	0.06	0.834	1.060
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.46	22.50	1.271	-	-	0	0.865	1.099
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.45	22.50	1.274	-	-	0.01	0.816	1.039
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	376500	1882.5	21.45	22.50	1.274	-	-	0.06	0.849	1.081
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	376500	1882.5	21.96	23.00	1.271	-	-	-0.03	0.823	1.046
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	376500	1882.5	21.96	23.00	1.271	-	-	0.02	0.158	0.201
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	376500	1882.5	21.90	23.00	1.288	-	-	-0.08	0.876	1.129
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	376500	1882.5	21.90	23.00	1.288	-	-	-0.1	0.177	0.228
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	16mm	Ant 3	-	DSI 4	Close	376500	1882.5	22.88	24.00	1.294	-	-	0.08	0.217	0.281
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	22mm	Ant 3	-	DSI 4	Close	376500	1882.5	22.88	24.00	1.294	-	-	0.03	0.160	0.207
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	376500	1882.5	21.93	23.00	1.279	-	-	0.07	0.799	1.022
2300 MHz																						
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	Open	27710	2310	23.59	24.00	1.099	-	-	-0.09	0.567	0.623
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	27710	2310	23.59	24.00	1.099	-	-	0.03	0.906	0.996
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	Open	27710	2310	22.69	23.00	1.074	-	-	-0.01	0.485	0.521



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	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	Open	27710	2310	22.69	23.00	1.074	-	-	-0.07	0.761	0.817
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	27710	2310	22.56	23.00	1.107	-	-	0.13	0.722	0.799
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	Close	27710	2310	23.59	24.00	1.099	-	-	-0.11	0.061	0.067
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	27710	2310	23.59	24.00	1.099	-	-	-0.01	0.606	0.666
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 10	Close	27710	2310	22.69	23.00	1.074	-	-	0.09	0.060	0.064
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 10	Close	27710	2310	22.69	23.00	1.074	-	-	0.02	0.588	0.632
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.80	23.10	1.349	-	-	-0.08	0.801	1.081
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.80	23.10	1.349	-	-	-0.07	0.931	1.256
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	Headset	DSI 3	Open	27710	2310	21.80	23.10	1.349	-	-	0.07	0.824	1.112
	LTE Band 30	10M	QPSK	1	0	-	Front	12mm	Ant 1	-	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	-0.05	0.335	0.406
	LTE Band 30	10M	QPSK	1	0	-	Back	13mm	Ant 1	-	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	-0.1	0.455	0.552
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.77	23.00	1.327	-	-	0.1	0.714	0.948
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.77	23.00	1.327	-	-	0.04	0.830	1.102
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.73	23.00	1.340	-	-	-0.01	0.680	0.911
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	27710	2310	21.73	23.00	1.340	-	-	-0.06	0.812	1.088
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	Close	27710	2310	21.56	22.50	1.242	-	-	-0.07	0.087	0.108
85	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	27710	2310	21.56	22.50	1.242	-	-	-0.06	1.030	1.279
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	Headset	DSI 10	Close	27710	2310	21.56	22.50	1.242	-	-	0.02	0.896	1.113
	LTE Band 30	10M	QPSK	1	0	-	Front	16mm	Ant 1	-	DSI 4	Close	27710	2310	23.16	24.00	1.213	-	-	-0.05	0.048	0.058
	LTE Band 30	10M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	Close	27710	2310	23.16	24.00	1.213	-	-	-0.02	0.161	0.195
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 10	Close	27710	2310	21.51	22.50	1.256	-	-	-0.1	0.078	0.098
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 10	Close	27710	2310	21.51	22.50	1.256	-	-	0.1	0.918	1.153
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	27710	2310	21.49	22.50	1.262	-	-	0.02	0.845	1.066
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.70	22.80	1.288	-	-	-0.05	0.808	1.041
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.70	22.80	1.288	-	-	0.07	0.832	1.072
	LTE Band 30	10M	QPSK	1	0	-	Front	12mm	Ant 2	-	DSI 4	Open	27710	2310	23.20	24.00	1.202	-	-	0.09	0.478	0.575
	LTE Band 30	10M	QPSK	1	0	-	Back	13mm	Ant 2	-	DSI 4	Open	27710	2310	23.20	24.00	1.202	-	-	0.06	0.417	0.501
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.69	22.80	1.291	-	-	-0.01	0.720	0.930
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.69	22.80	1.291	-	-	-0.1	0.742	0.958
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.63	22.80	1.309	-	-	0.05	0.708	0.927
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	27710	2310	21.63	22.80	1.309	-	-	-0.09	0.730	0.956
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	27710	2310	22.40	23.50	1.288	-	-	-0.06	0.992	1.278
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	Close	27710	2310	22.40	23.50	1.288	-	-	-0.09	0.263	0.339
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	Close	27710	2310	22.40	23.50	1.288	-	-	-0.07	0.902	1.162
	LTE Band 30	10M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	Close	27710	2310	23.20	24.00	1.202	-	-	0.05	0.273	0.328
	LTE Band 30	10M	QPSK	1	0	-	Back	22mm	Ant 2	-	DSI 4	Close	27710	2310	23.20	24.00	1.202	-	-	0.09	0.070	0.084
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	-	DSI 10	Close	27710	2310	22.21	23.00	1.199	-	-	-0.07	0.884	1.060
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	-	DSI 10	Close	27710	2310	22.21	23.00	1.199	-	-	0.04	0.234	0.281
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	27710	2310	22.22	23.00	1.197	-	-	0.09	0.850	1.017
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.66	21.10	1.393	-	-	-0.08	0.698	0.972
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.66	21.10	1.393	-	-	-0.02	0.755	1.052
	LTE Band 30	10M	QPSK	1	0	-	Front	12mm	Ant 3	-	DSI 4	Open	27710	2310	22.60	24.00	1.380	-	-	-0.07	0.564	0.779
	LTE Band 30	10M	QPSK	1	0	-	Back	13mm	Ant 3	-	DSI 4	Open	27710	2310	22.60	24.00	1.380	-	-	0.06	0.571	0.788
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.61	21.10	1.409	-	-	0.1	0.622	0.877
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.61	21.10	1.409	-	-	-0.09	0.673	0.948
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.59	21.10	1.416	-	-	-0.01	0.611	0.865
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	27710	2310	19.59	21.10	1.416	-	-	0.05	0.658	0.932
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	27710	2310	20.75	22.10	1.365	-	-	0.01	0.768	1.048
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	Close	27710	2310	20.75	22.10	1.365	-	-	-0.1	0.142	0.194
	LTE Band 30	10M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	Close	27710	2310	22.60	24.00	1.380	-	-	-0.09	0.327	0.451
	LTE Band 30	10M	QPSK	1	0	-	Back	22mm	Ant 3	-	DSI 4	Close	27710	2310	22.60	24.00	1.380	-	-	-0.07	0.094	0.130
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	-	DSI 10	Close	27710	2310	20.72	22.10	1.374	-	-	-0.02	0.684	0.940
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	-	DSI 10	Close	27710	2310	20.72	22.10	1.374	-	-	-0.07	0.127	0.175
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	27710	2310	20.64	22.10	1.400	-	-	0.05	0.670	0.938
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	462000	2310	23.50	24.00	1.122	-	-	0.11	0.535	0.600
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	462000	2310	23.50	24.00	1.122	-	-	-0.09	0.796	0.893



FCC SAR Test Report

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	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	462000	2310	23.43	24.00	1.140	-	-	-0.15	0.477	0.544
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	462000	2310	23.43	24.00	1.140	-	-	-0.05	0.709	0.808
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	462000	2310	22.45	23.00	1.135	-	-	0.08	0.690	0.783
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	462000	2310	23.50	24.00	1.122	-	-	0.13	0.073	0.082
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	462000	2310	23.50	24.00	1.122	-	-	0.16	0.670	0.752
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	462000	2310	23.43	24.00	1.140	-	-	-0.14	0.066	0.075
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	462000	2310	23.43	24.00	1.140	-	-	0.12	0.652	0.743
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.48	23.00	1.127	-	-	0.09	0.834	0.940
86	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.48	23.00	1.127	-	-	0.01	1.100	1.240
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	Headset	DSI 3	Open	462000	2310	22.48	23.00	1.127	-	-	-0.08	0.987	1.113
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	12mm	Ant 1	-	DSI 4	Open	462000	2310	23.50	24.00	1.122	-	-	0	0.303	0.340
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	13mm	Ant 1	-	DSI 4	Open	462000	2310	23.50	24.00	1.122	-	-	0	0.385	0.432
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.47	23.00	1.130	-	-	-0.07	0.743	0.839
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.47	23.00	1.130	-	-	-0.1	0.980	1.107
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.42	23.00	1.143	-	-	0.08	0.746	0.853
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	462000	2310	22.42	23.00	1.143	-	-	-0.07	1.010	1.154
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	462000	2310	21.96	22.50	1.132	-	-	0.08	0.089	0.101
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	462000	2310	21.96	22.50	1.132	-	-	0.01	0.936	1.060
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	462000	2310	21.92	22.50	1.143	-	-	0.03	0.100	0.114
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	462000	2310	21.92	22.50	1.143	-	-	-0.01	1.050	1.200
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 1	Headset	DSI 10	Close	462000	2310	21.92	22.50	1.143	-	-	0.02	0.876	1.001
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	16mm	Ant 1	-	DSI 4	Close	462000	2310	23.40	24.00	1.148	-	-	0.09	0.048	0.055
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	22mm	Ant 1	-	DSI 4	Close	462000	2310	23.40	24.00	1.148	-	-	-0.05	0.149	0.171
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	462000	2310	21.87	22.50	1.156	-	-	-0.02	0.955	1.104
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.66	23.50	1.213	-	-	-0.01	0.859	1.042
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.66	23.50	1.213	-	-	0.05	0.840	1.019
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.53	23.50	1.250	-	-	0.04	0.964	1.205
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.53	23.50	1.250	-	-	0.02	0.942	1.178
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 2	Headset	DSI 3	Open	462000	2310	22.53	23.50	1.250	-	-	0.08	0.866	1.083
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	12mm	Ant 2	-	DSI 4	Open	462000	2310	23.10	24.00	1.230	-	-	-0.04	0.418	0.514
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	13mm	Ant 2	-	DSI 4	Open	462000	2310	23.10	24.00	1.230	-	-	-0.08	0.378	0.465
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.15	23.00	1.216	-	-	-0.08	0.901	1.096
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	462000	2310	22.15	23.00	1.216	-	-	0.06	0.840	1.022
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	462000	2310	22.15	23.00	1.216	-	-	0.08	0.735	0.894
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	462000	2310	22.15	23.00	1.216	-	-	0.07	0.201	0.244
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	462000	2310	22.12	23.00	1.225	-	-	-0.01	0.825	1.010
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	462000	2310	22.12	23.00	1.225	-	-	-0.08	0.225	0.276
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	16mm	Ant 2	-	DSI 4	Close	462000	2310	23.10	24.00	1.230	-	-	0.07	0.269	0.331
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	22mm	Ant 2	-	DSI 4	Close	462000	2310	23.10	24.00	1.230	-	-	0.08	0.081	0.100
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	462000	2310	22.01	23.00	1.256	-	-	-0.01	0.801	1.006
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	462000	2310	21.06	22.00	1.242	-	-	-0.07	0.798	0.991
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	462000	2310	21.06	22.00	1.242	-	-	0.06	0.875	1.086
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	462000	2310	21.00	22.00	1.259	-	-	0.09	0.895	1.127
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	462000	2310	21.00	22.00	1.259	-	-	0.05	0.982	1.236
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 3	Headset	DSI 3	Open	462000	2310	21.00	22.00	1.259	-	-	0.01	0.902	1.136
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	12mm	Ant 3	-	DSI 4	Open	462000	2310	23.00	24.00	1.259	-	-	0.07	0.499	0.628
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	13mm	Ant 3	-	DSI 4	Open	462000	2310	23.00	24.00	1.259	-	-	-0.08	0.542	0.682
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	462000	2310	20.98	22.00	1.265	-	-	-0.02	0.870	1.100
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	462000	2310	20.98	22.00	1.265	-	-	0.03	0.955	1.208
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	462000	2310	20.60	21.50	1.230	-	-	-0.08	0.839	1.032
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	462000	2310	20.60	21.50	1.230	-	-	-0.09	0.169	0.208
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	16mm	Ant 3	-	DSI 4	Close	462000	2310	23.08	24.00	1.236	-	-	-0.1	0.291	0.360
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	22mm	Ant 3	-	DSI 4	Close	462000	2310	23.08	24.00	1.236	-	-	0.06	0.068	0.084
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	462000	2310	20.56	21.50	1.242	-	-	-0.05	0.748	0.929
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	462000	2310	20.56	21.50	1.242	-	-	-0.07	0.151	0.187
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	462000	2310	20.58	21.50	1.236	-	-	0.09	0.811	1.002



2600 MHz																						
87	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	Open	21100	2535	21.31	22.20	1.227	-	-	0.01	0.614	0.754
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21100	2535	21.31	22.20	1.227	-	-	-0.14	0.989	1.214
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21100+ 21298	2535+ 2554.8	21.16	22.20	1.271	-	-	0.16	0.901	1.145
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	20850	2510	21.25	22.20	1.245	-	-	0.03	0.910	1.133
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21350	2560	21.22	22.20	1.253	-	-	0.15	0.914	1.145
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	Open	21100	2535	21.31	22.20	1.227	-	-	0.06	0.916	1.124
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 0	-	DSI 4	Open	21100	2535	23.38	24.00	1.153	-	-	0.1	0.262	0.302
	LTE Band 7	20M	QPSK	1	0	-	Back	13mm	Ant 0	-	DSI 4	Open	21100	2535	23.38	24.00	1.153	-	-	0.06	0.412	0.475
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	Open	21100	2535	21.30	22.20	1.230	-	-	0.03	0.580	0.714
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21100	2535	21.30	22.20	1.230	-	-	-0.14	0.934	1.149
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	20850	2510	21.24	22.20	1.247	-	-	0.12	0.859	1.072
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21350	2560	21.21	22.20	1.256	-	-	-0.06	0.863	1.084
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	Open	21100	2535	21.25	22.20	1.245	-	-	0.02	0.850	1.058
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	Close	21100	2535	21.31	22.30	1.256	-	-	-0.14	0.224	0.281
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21100	2535	21.31	22.30	1.256	-	-	0.01	0.880	1.105
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21100+ 21298	2535+ 2554.8	21.16	22.30	1.300	-	-	0.01	0.796	1.035
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	20850	2510	21.25	22.30	1.274	-	-	-0.15	0.809	1.030
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21350	2560	21.22	22.30	1.282	-	-	0.13	0.791	1.014
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 0	-	DSI 4	Close	21100	2535	23.38	24.00	1.153	-	-	0.03	0.106	0.122
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 0	-	DSI 4	Close	21100	2535	23.38	24.00	1.153	-	-	-0.08	0.129	0.149
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	Close	21100	2535	21.30	22.30	1.259	-	-	-0.13	0.230	0.290
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21100	2535	21.30	22.30	1.259	-	-	-0.11	0.835	1.051
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	20850	2510	21.24	22.30	1.276	-	-	-0.06	0.765	0.976
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21350	2560	21.21	22.30	1.285	-	-	-0.02	0.786	1.010
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 10	Close	21100	2535	21.25	22.30	1.274	-	-	-0.04	0.798	1.016
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	Open	21100	2535	20.95	21.90	1.245	-	-	0.05	0.631	0.785
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21100	2535	20.95	21.90	1.245	-	-	-0.06	0.952	1.185
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21100+ 21298	2535+ 2554.8	20.86	21.90	1.271	-	-	0.1	0.826	1.049
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	20850	2510	20.84	21.90	1.276	-	-	-0.06	0.898	1.146
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21350	2560	20.88	21.90	1.265	-	-	0.1	0.930	1.176
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 1	-	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	-0.09	0.446	0.528
	LTE Band 7	20M	QPSK	1	0	-	Back	13mm	Ant 1	-	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	0.01	0.601	0.711
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	Open	21100	2535	20.90	21.90	1.259	-	-	0.09	0.570	0.718
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21100	2535	20.90	21.90	1.259	-	-	-0.08	0.848	1.068
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	20850	2510	20.83	21.90	1.279	-	-	-0.09	0.800	1.024
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21350	2560	20.84	21.90	1.276	-	-	0.06	0.828	1.057
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	Open	21100	2535	20.87	21.90	1.268	-	-	0.04	0.820	1.039
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	Close	21100	2535	20.95	21.80	1.216	-	-	-0.16	0.089	0.108
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21100	2535	20.95	21.80	1.216	-	-	-0.09	0.882	1.073
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21100+ 21298	2535+ 2554.8	20.86	21.80	1.242	-	-	0.1	0.815	1.012
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	20850	2510	20.84	21.80	1.247	-	-	0.05	0.748	0.933
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21350	2560	20.88	21.80	1.236	-	-	-0.03	0.805	0.995
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 1	-	DSI 4	Close	21100	2535	23.27	24.00	1.183	-	-	0.12	0.089	0.105
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	Close	21100	2535	23.27	24.00	1.183	-	-	0.04	0.258	0.305
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	Close	21100	2535	20.90	21.80	1.230	-	-	0.02	0.084	0.103
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21100	2535	20.90	21.80	1.230	-	-	-0.16	0.833	1.025
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	20850	2510	20.83	21.80	1.250	-	-	0.16	0.706	0.883
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21350	2560	20.84	21.80	1.247	-	-	0.03	0.760	0.948
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 10	Close	21100	2535	20.87	21.80	1.239	-	-	0.02	0.820	1.016
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.50	20.20	1.175	-	-	-0.07	0.878	1.032
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.50	20.20	1.175	-	-	0.03	0.755	0.887
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	20850	2510	19.40	20.20	1.202	-	-	-0.05	0.766	0.921
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21350	2560	19.42	20.20	1.197	-	-	0.1	0.921	1.102
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	20850	2510	19.40	20.20	1.202	-	-	-0.07	0.623	0.749



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	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	21350	2560	19.42	20.20	1.197	-	-	0.04	0.749	0.896
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21350+ 21152	2560+ 2540.2	19.26	20.20	1.242	-	-	0.08	0.841	1.044
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 2	-	DSI 4	Open	21350	2560	23.31	24.00	1.172	-	-	-0.02	0.894	1.048
	LTE Band 7	20M	QPSK	1	0	-	Back	13mm	Ant 2	-	DSI 4	Open	21350	2560	23.31	24.00	1.172	-	-	0.01	0.685	0.803
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.45	20.20	1.189	-	-	-0.07	0.838	0.996
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.45	20.20	1.189	-	-	0.07	0.721	0.857
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	20850	2510	19.35	20.20	1.216	-	-	0.04	0.732	0.890
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21350	2560	19.39	20.20	1.205	-	-	-0.05	0.880	1.060
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	20850	2510	19.35	20.20	1.216	-	-	-0.04	0.595	0.724
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	21350	2560	19.39	20.20	1.205	-	-	0.01	0.715	0.862
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.40	20.20	1.202	-	-	-0.01	0.826	0.993
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	Open	21100	2535	19.40	20.20	1.202	-	-	-0.04	0.709	0.852
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21100	2535	19.39	20.00	1.151	-	-	-0.09	0.873	1.005
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	Close	21100	2535	19.39	20.00	1.151	-	-	0.02	0.296	0.341
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	20850	2510	19.15	20.00	1.216	-	-	-0.03	0.706	0.859
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21350	2560	19.26	20.00	1.186	-	-	0.01	0.888	1.053
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21350+ 21152	2560+ 2540.2	18.92	20.00	1.282	-	-	-0.09	0.819	1.050
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	Close	21350	2560	23.31	24.00	1.172	-	-	-0.1	0.524	0.614
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 2	-	DSI 4	Close	21100	2535	23.36	24.00	1.159	-	-	-0.07	0.214	0.248
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21100	2535	19.30	20.00	1.175	-	-	-0.09	0.778	0.914
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	Close	21100	2535	19.30	20.00	1.175	-	-	-0.06	0.264	0.310
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	20850	2510	19.12	20.00	1.225	-	-	-0.08	0.629	0.770
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21350	2560	19.22	20.00	1.197	-	-	0.04	0.791	0.947
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	Close	21100	2535	19.20	20.00	1.202	-	-	0	0.740	0.890
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.72	21.00	1.343	-	-	0.04	0.745	1.000
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.72	21.00	1.343	-	-	0.04	0.795	1.067
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21100+ 21298	2535+ 2554.8	19.68	21.00	1.355	-	-	-0.01	0.741	1.004
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	20850	2510	19.67	21.00	1.358	-	-	-0.07	0.699	0.949
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	21350	2560	19.69	21.00	1.352	-	-	0	0.668	0.903
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	20850	2510	19.67	21.00	1.358	-	-	-0.04	0.784	1.065
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21350	2560	19.69	21.00	1.352	-	-	-0.1	0.750	1.014
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 3	-	DSI 4	Open	21100	2535	22.95	24.00	1.274	-	-	0	0.424	0.540
	LTE Band 7	20M	QPSK	1	0	-	Back	13mm	Ant 3	-	DSI 4	Open	21100	2535	22.95	24.00	1.274	-	-	-0.02	0.446	0.568
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.66	21.00	1.361	-	-	0.09	0.711	0.968
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.66	21.00	1.361	-	-	0.01	0.759	1.033
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	20850	2510	19.60	21.00	1.380	-	-	-0.01	0.668	0.922
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	21350	2560	19.65	21.00	1.365	-	-	-0.02	0.638	0.871
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	20850	2510	19.60	21.00	1.380	-	-	-0.05	0.749	1.034
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21350	2560	19.65	21.00	1.365	-	-	-0.04	0.716	0.977
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.65	21.00	1.365	-	-	-0.05	0.679	0.927
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	Open	21100	2535	19.65	21.00	1.365	-	-	-0.1	0.719	0.981
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	21100	2535	19.70	20.70	1.259	-	-	0.04	0.870	1.095
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	Close	21100	2535	19.70	20.70	1.259	-	-	0.07	0.278	0.350
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	20850	2510	19.62	20.70	1.282	-	-	-0.1	0.909	1.166
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	20850+ 21048	2510+ 2529.8	19.58	20.70	1.294	-	-	-0.09	0.816	1.056
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	21350	2560	19.60	20.70	1.288	-	-	-0.1	0.736	0.948
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	Close	20850	2510	22.90	24.00	1.288	-	-	-0.06	0.218	0.281
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 3	-	DSI 4	Close	21100	2535	22.95	24.00	1.274	-	-	0	0.091	0.116
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	21100	2535	19.66	20.70	1.271	-	-	0.02	0.821	1.043
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	Close	21100	2535	19.66	20.70	1.271	-	-	-0.01	0.248	0.315
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	20850	2510	19.60	20.70	1.288	-	-	0.09	0.841	1.083
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	21350	2560	19.57	20.70	1.297	-	-	0.05	0.698	0.905
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	Close	21100	2535	19.60	20.70	1.288	-	-	-0.06	0.751	0.967
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	23.49	24.00	1.125	62.9	1.006	-0.07	0.423	0.479
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	23.49	24.00	1.125	62.9	1.006	-0.11	0.922	1.043



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LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	39750	2506	23.38	24.00	1.153	62.9	1.006	-0.09	0.754	0.875
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40620	2593	23.46	24.00	1.132	62.9	1.006	0.03	0.785	0.894
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	41055	2636.5	23.39	24.00	1.151	62.9	1.006	-0.03	0.783	0.906
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	41490	2680	23.32	24.00	1.169	62.9	1.006	0.16	0.790	0.929
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	25.70	26.30	1.148	42.9	1.009	0.05	0.989	1.146
LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40185+40383	2549.5+2569.3	25.56	26.30	1.186	42.9	1.009	0.01	0.873	1.044
LTE Band 41	20M	QPSK	1	0	-	Front	12mm	Ant 0	-	DSI 4	Open	40185	2549.5	23.49	24.00	1.125	62.9	1.006	0.09	0.150	0.170
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	13mm	Ant 0	-	DSI 4	Open	40185	2549.5	26.53	27.00	1.114	42.9	1.009	0.12	0.235	0.264
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	23.47	24.00	1.130	62.9	1.006	-0.07	0.402	0.457
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	23.47	24.00	1.130	62.9	1.006	-0.09	0.829	0.942
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	39750	2506	23.36	24.00	1.159	62.9	1.006	-0.09	0.715	0.833
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40620	2593	23.40	24.00	1.148	62.9	1.006	0.01	0.745	0.861
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	41055	2636.5	23.35	24.00	1.161	62.9	1.006	0.09	0.743	0.868
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	Open	41490	2680	23.31	24.00	1.172	62.9	1.006	0.01	0.749	0.883
LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	Open	40185	2549.5	23.37	24.00	1.156	62.9	1.006	-0.16	0.796	0.926
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	23.49	24.00	1.125	62.9	1.006	0.06	0.193	0.218
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	23.49	24.00	1.125	62.9	1.006	0.15	0.732	0.828
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	39750	2506	23.38	24.00	1.153	62.9	1.006	-0.06	0.661	0.767
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40620	2593	23.46	24.00	1.132	62.9	1.006	-0.09	0.612	0.697
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	41055	2636.5	23.39	24.00	1.151	62.9	1.006	0.01	0.539	0.624
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	41490	2680	23.32	24.00	1.169	62.9	1.006	-0.06	0.527	0.620
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	26.53	27.00	1.114	42.9	1.009	0.08	0.907	1.020
LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40185+40383	2549.5+2569.3	26.31	27.00	1.172	42.9	1.009	0.05	0.841	0.995
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	23.47	24.00	1.130	62.9	1.006	-0.12	0.189	0.215
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	23.47	24.00	1.130	62.9	1.006	-0.13	0.711	0.808
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	39750	2506	23.36	24.00	1.159	62.9	1.006	0.12	0.686	0.800
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40620	2593	23.40	24.00	1.148	62.9	1.006	0.03	0.594	0.686
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	41055	2636.5	23.35	24.00	1.161	62.9	1.006	-0.1	0.551	0.644
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	Close	41490	2680	23.31	24.00	1.172	62.9	1.006	-0.02	0.513	0.605
LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 10	Close	40185	2549.5	23.37	24.00	1.156	62.9	1.006	-0.01	0.670	0.779
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	Open	40185	2549.5	23.42	24.00	1.143	62.9	1.006	0.06	0.509	0.585
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	40185	2549.5	23.42	24.00	1.143	62.9	1.006	-0.07	0.770	0.885
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	39750	2506	23.22	24.00	1.197	62.9	1.006	-0.13	0.763	0.919
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	40620	2593	23.33	24.00	1.167	62.9	1.006	0.11	0.832	0.977
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41055	2636.5	23.38	24.00	1.153	62.9	1.006	0	0.853	0.990
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41490	2680	23.39	24.00	1.151	62.9	1.006	0.13	0.989	1.145
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41490	2680	25.79	26.40	1.151	42.9	1.009	0.14	1.100	1.277
LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41490+41292	2680+2660.2	25.66	26.40	1.186	42.9	1.009	0.11	0.956	1.144
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	Headset	DSI 3	Open	41490	2680	25.79	26.40	1.151	42.9	1.009	0.01	0.911	1.058
LTE Band 41	20M	QPSK	1	0	-	Front	12mm	Ant 1	-	DSI 4	Open	40185	2549.5	23.42	24.00	1.143	62.9	1.006	0.09	0.227	0.261
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	13mm	Ant 1	-	DSI 4	Open	41490	2680	26.29	27.00	1.178	42.9	1.009	0.11	0.576	0.684
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	Open	40185	2549.5	23.41	24.00	1.146	62.9	1.006	0.08	0.486	0.560
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	40185	2549.5	23.41	24.00	1.146	62.9	1.006	0.12	0.722	0.832
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	39750	2506	23.20	24.00	1.202	62.9	1.006	0.04	0.706	0.854
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	40620	2593	23.29	24.00	1.178	62.9	1.006	-0.02	0.742	0.879
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41055	2636.5	23.33	24.00	1.167	62.9	1.006	0.01	0.833	0.978
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	Open	41490	2680	23.30	24.00	1.175	62.9	1.006	-0.15	0.912	1.078
LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	Open	40185	2549.5	23.29	24.00	1.178	62.9	1.006	0.05	0.675	0.800
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	23.42	24.00	1.143	62.9	1.006	0.06	0.083	0.095
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	23.42	24.00	1.143	62.9	1.006	0.09	0.897	1.031
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	39750	2506	23.22	24.00	1.197	62.9	1.006	-0.16	0.704	0.848
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40620	2593	23.33	24.00	1.167	62.9	1.006	-0.15	0.791	0.928
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	41055	2636.5	23.38	24.00	1.153	62.9	1.006	0	0.707	0.820
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	41490	2680	23.39	24.00	1.151	62.9	1.006	-0.13	0.689	0.798



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LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	25.80	26.50	1.175	42.9	1.009	-0.09	0.940	1.114
LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40185+40383	2549.5+2569.3	25.62	26.50	1.225	42.9	1.009	0.16	0.767	0.948
LTE Band 41	20M	QPSK	1	0	-	Front	16mm	Ant 1	-	DSI 4	Close	40185	2549.5	23.42	24.00	1.143	62.9	1.006	0.08	0.052	0.060
LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	Close	40185	2549.5	26.33	27.00	1.167	42.9	1.009	0.03	0.192	0.226
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	23.41	24.00	1.146	62.9	1.006	0.15	0.079	0.091
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	23.41	24.00	1.146	62.9	1.006	-0.14	0.853	0.983
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	39750	2506	23.20	24.00	1.202	62.9	1.006	0.1	0.669	0.809
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40620	2593	23.29	24.00	1.178	62.9	1.006	0.14	0.752	0.891
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	41055	2636.5	23.33	24.00	1.167	62.9	1.006	0	0.672	0.789
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	Close	41490	2680	23.30	24.00	1.175	62.9	1.006	-0.11	0.655	0.774
LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 10	Close	40185	2549.5	23.29	24.00	1.178	62.9	1.006	0.05	0.824	0.976
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.80	21.20	1.096	62.9	1.006	-0.03	0.850	0.938
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.80	21.20	1.096	62.9	1.006	-0.01	0.796	0.878
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	39750	2506	20.67	21.20	1.130	62.9	1.006	-0.09	0.672	0.764
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40620	2593	20.70	21.20	1.122	62.9	1.006	0.01	0.883	0.997
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	41055	2636.5	20.72	21.20	1.117	62.9	1.006	-0.02	0.836	0.939
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	41490	2680	20.69	21.20	1.125	62.9	1.006	-0.09	0.860	0.973
LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40620	2593	22.18	22.80	1.153	42.9	1.009	0	0.887	1.032
LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40620+40818	2593+2612.8	22.07	22.80	1.183	42.9	1.009	0	0.833	0.994
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	39750	2506	20.67	21.20	1.130	62.9	1.006	0.1	0.599	0.681
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	40620	2593	20.70	21.20	1.122	62.9	1.006	0.05	0.787	0.888
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	41055	2636.5	20.72	21.20	1.117	62.9	1.006	-0.02	0.745	0.837
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	Open	41490	2680	20.69	21.20	1.125	62.9	1.006	-0.02	0.766	0.867
LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	12mm	Ant 2	-	DSI 4	Open	40620	2593	26.42	27.00	1.143	42.9	1.009	-0.07	0.581	0.670
LTE Band 41	20M	QPSK	1	0	-	Back	13mm	Ant 2	-	DSI 4	Open	40620	2593	23.36	24.00	1.159	62.9	1.006	0.04	0.417	0.486
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.76	21.20	1.107	62.9	1.006	0.06	0.788	0.877
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.76	21.20	1.107	62.9	1.006	0.02	0.738	0.822
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	39750	2506	20.65	21.20	1.135	62.9	1.006	0.01	0.623	0.711
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40620	2593	20.68	21.20	1.127	62.9	1.006	0.03	0.818	0.928
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	41055	2636.5	20.70	21.20	1.122	62.9	1.006	0.05	0.775	0.875
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	Open	41490	2680	20.65	21.20	1.135	62.9	1.006	-0.01	0.797	0.910
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	39750	2506	20.65	21.20	1.135	62.9	1.006	0.08	0.555	0.634
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	40620	2593	20.68	21.20	1.127	62.9	1.006	0.09	0.729	0.827
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	41055	2636.5	20.70	21.20	1.122	62.9	1.006	-0.08	0.690	0.779
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	Open	41490	2680	20.65	21.20	1.135	62.9	1.006	-0.04	0.710	0.811
LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.75	21.20	1.109	62.9	1.006	0.07	0.741	0.827
LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	Open	40185	2549.5	20.75	21.20	1.109	62.9	1.006	-0.03	0.711	0.793
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40185	2549.5	22.40	23.10	1.175	62.9	1.006	-0.1	0.834	0.986
LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	Close	40185	2549.5	22.40	23.10	1.175	62.9	1.006	-0.08	0.284	0.336
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	39750	2506	22.35	23.10	1.189	62.9	1.006	-0.07	0.680	0.813
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40620	2593	22.28	23.10	1.208	62.9	1.006	-0.06	0.929	1.129
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	41055	2636.5	22.33	23.10	1.194	62.9	1.006	-0.09	0.844	1.014
LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	41490	2680	22.37	23.10	1.183	62.9	1.006	-0.1	0.772	0.919
LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40620	2593	24.18	24.70	1.127	42.9	1.009	0.03	0.995	1.132
LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40620+40818	2593+2612.8	24.06	24.70	1.159	42.9	1.009	0	0.943	1.103
LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	Close	40620	2593	26.42	27.00	1.143	42.9	1.009	-0.1	0.295	0.340
LTE Band 41	20M	QPSK	1	0	-	Back	22mm	Ant 2	-	DSI 4	Close	40185	2549.5	23.46	24.00	1.132	62.9	1.006	0.03	0.124	0.141
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40185	2549.5	22.36	23.10	1.186	62.9	1.006	0.01	0.773	0.922
LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	Close	40185	2549.5	22.36	23.10	1.186	62.9	1.006	-0.08	0.263	0.314
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	39750	2506	22.31	23.10	1.199	62.9	1.006	0.08	0.630	0.760
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40620	2593	22.24	23.10	1.219	62.9	1.006	-0.01	0.861	1.056
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	41055	2636.5	22.32	23.10	1.197	62.9	1.006	-0.05	0.782	0.941
LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	Close	41490	2680	22.35	23.10	1.189	62.9	1.006	0.01	0.716	0.856
LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	Close	40185	2549.5	22.36	23.10	1.186	62.9	1.006	-0.1	0.736	0.878



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	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.73	20.80	1.279	62.9	1.006	0.05	0.575	0.740
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.73	20.80	1.279	62.9	1.006	0.07	0.824	1.061
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	39750	2506	19.66	20.80	1.300	62.9	1.006	0.03	0.582	0.761
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	40620	2593	19.60	20.80	1.318	62.9	1.006	0.09	0.567	0.752
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	41055	2636.5	19.63	20.80	1.309	62.9	1.006	-0.02	0.612	0.806
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	41490	2680	19.58	20.80	1.324	62.9	1.006	0.1	0.646	0.861
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	39750	2506	19.66	20.80	1.300	62.9	1.006	-0.04	0.822	1.075
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	40620	2593	19.60	20.80	1.318	62.9	1.006	-0.04	0.801	1.062
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41055	2636.5	19.63	20.80	1.309	62.9	1.006	0.03	0.865	1.139
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41490	2680	19.58	20.80	1.324	62.9	1.006	-0.03	0.913	1.216
88	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41490	2680	21.50	22.40	1.230	42.9	1.009	-0.03	1.030	1.279
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41490+41292	2680+2660.2	21.33	22.40	1.279	42.9	1.009	0.01	0.926	1.195
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 3	Headset	DSI 3	Open	41490	2680	21.50	22.40	1.230	42.9	1.009	0.1	0.946	1.174
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	12mm	Ant 3	-	DSI 4	Open	41490	2680	22.96	24.00	1.271	62.9	1.006	0.01	0.276	0.353
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	13mm	Ant 3	-	DSI 4	Open	41490	2680	25.96	27.00	1.271	42.9	1.009	0.04	0.843	1.081
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.69	20.80	1.291	62.9	1.006	0.06	0.535	0.695
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.69	20.80	1.291	62.9	1.006	0.09	0.767	0.996
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	39750	2506	19.69	20.80	1.291	62.9	1.006	-0.05	0.542	0.704
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	40620	2593	19.69	20.80	1.291	62.9	1.006	-0.06	0.528	0.686
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	41055	2636.5	19.69	20.80	1.291	62.9	1.006	-0.03	0.570	0.740
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	41490	2680	19.69	20.80	1.291	62.9	1.006	-0.06	0.601	0.781
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	39750	2506	19.69	20.80	1.291	62.9	1.006	-0.08	0.765	0.994
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	40620	2593	19.69	20.80	1.291	62.9	1.006	-0.05	0.746	0.969
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41055	2636.5	19.69	20.80	1.291	62.9	1.006	-0.02	0.805	1.046
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	41490	2680	19.69	20.80	1.291	62.9	1.006	0.03	0.850	1.104
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.67	20.80	1.297	62.9	1.006	-0.05	0.505	0.659
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	Open	40185	2549.5	19.67	20.80	1.297	62.9	1.006	-0.05	0.719	0.938
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	40185	2549.5	20.92	22.00	1.282	62.9	1.006	-0.07	0.531	0.685
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	Close	40185	2549.5	20.92	22.00	1.282	62.9	1.006	0.04	0.152	0.196
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	39750	2506	20.79	22.00	1.321	62.9	1.006	-0.09	0.539	0.716
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	40620	2593	20.80	22.00	1.318	62.9	1.006	-0.05	0.412	0.546
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41055	2636.5	20.82	22.00	1.312	62.9	1.006	0.02	0.699	0.923
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41490	2680	20.84	22.00	1.306	62.9	1.006	-0.09	0.874	1.148
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41490	2680	22.61	23.60	1.256	42.9	1.009	-0.05	0.906	1.148
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41490+41292	2680+2660.2	22.39	23.60	1.321	42.9	1.009	-0.07	0.796	1.061
	LTE Band 41	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	Close	41490	2680	25.96	27.00	1.271	62.9	1.006	0.01	0.171	0.219
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	22mm	Ant 3	-	DSI 4	Close	40185	2549.5	23.12	24.00	1.225	42.9	1.009	-0.07	0.112	0.138
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	40185	2549.5	20.91	22.00	1.285	62.9	1.006	-0.08	0.500	0.646
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	Close	40185	2549.5	20.91	22.00	1.285	62.9	1.006	-0.04	0.143	0.185
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	39750	2506	20.91	22.00	1.285	62.9	1.006	0	0.508	0.657
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	40620	2593	20.91	22.00	1.285	62.9	1.006	-0.07	0.388	0.502
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41055	2636.5	20.91	22.00	1.285	62.9	1.006	0.07	0.658	0.851
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	41490	2680	20.91	22.00	1.285	62.9	1.006	0.07	0.823	1.064
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	Close	40185	2549.5	20.86	22.00	1.300	62.9	1.006	-0.05	0.486	0.636
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	507000	2535	23.45	24.00	1.135	-	-	0.01	0.761	0.864
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	507000	2535	23.45	24.00	1.135	-	-	-0.08	0.900	1.022
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	507000	2535	23.41	24.00	1.146	-	-	0.15	0.815	0.934
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	507000	2535	23.41	24.00	1.146	-	-	-0.14	1.030	1.180
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0	-	DSI 3	Open	507000	2535	22.35	23.00	1.161	-	-	-0.08	0.640	0.743
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0	-	DSI 3	Open	507000	2535	22.35	23.00	1.161	-	-	-0.06	0.810	0.941
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	507000	2535	23.45	24.00	1.135	-	-	0.05	0.291	0.330
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	507000	2535	23.45	24.00	1.135	-	-	0.13	0.943	1.070
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0	-	DSI 10	Close	507000	2535	23.41	24.00	1.146	-	-	-0.1	0.256	0.293
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	507000	2535	23.41	24.00	1.146	-	-	0.12	0.920	1.054
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0	-	DSI 10	Close	507000	2535	22.35	23.00	1.161	-	-	-0.05	0.800	0.929



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	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.72	22.50	1.197	-	-	0.08	0.712	0.852
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.72	22.50	1.197	-	-	0.04	0.900	1.077
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.69	22.50	1.205	-	-	-0.08	0.759	0.915
89	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.69	22.50	1.205	-	-	0.1	1.010	1.217
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 1	Headset	DSI 3	Open	507000	2535	21.69	22.50	1.205	-	-	0.04	0.861	1.038
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	12mm	Ant 1	-	DSI 4	Open	507000	2535	23.20	24.00	1.202	-	-	0.1	0.302	0.363
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	13mm	Ant 1	-	DSI 4	Open	507000	2535	23.20	24.00	1.202	-	-	0.09	0.400	0.481
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.63	22.50	1.222	-	-	-0.09	0.722	0.882
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 1	-	DSI 3	Open	507000	2535	21.63	22.50	1.222	-	-	-0.05	0.955	1.167
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	507000	2535	21.72	22.50	1.197	-	-	-0.07	0.091	0.109
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	507000	2535	21.72	22.50	1.197	-	-	0.07	0.848	1.015
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 1	-	DSI 10	Close	507000	2535	21.69	22.50	1.205	-	-	-0.01	0.102	0.123
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	507000	2535	21.69	22.50	1.205	-	-	-0.1	0.951	1.146
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	16mm	Ant 1	-	DSI 4	Close	507000	2535	23.20	24.00	1.202	-	-	0.1	0.062	0.075
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	22mm	Ant 1	-	DSI 4	Close	507000	2535	23.20	24.00	1.202	-	-	-0.03	0.173	0.208
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 1	-	DSI 10	Close	507000	2535	21.63	22.50	1.222	-	-	-0.05	0.912	1.114
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.92	20.50	1.143	-	-	0.08	0.932	1.065
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.92	20.50	1.143	-	-	0.07	0.819	0.936
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2	-	DSI 4	Open	507000	2535	23.40	24.00	1.148	-	-	-0.04	0.589	0.676
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2	-	DSI 4	Open	507000	2535	23.40	24.00	1.148	-	-	0.03	0.451	0.518
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.91	20.50	1.146	-	-	0.08	0.876	1.003
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.91	20.50	1.146	-	-	0.01	0.768	0.880
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.87	20.50	1.156	-	-	0	0.825	0.954
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2	-	DSI 3	Open	507000	2535	19.87	20.50	1.156	-	-	0.03	0.712	0.823
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	507000	2535	19.92	20.50	1.143	-	-	-0.1	0.874	0.999
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	507000	2535	19.92	20.50	1.143	-	-	-0.08	0.322	0.368
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2	-	DSI 4	Close	507000	2535	23.40	24.00	1.148	-	-	-0.09	0.338	0.388
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2	-	DSI 4	Close	507000	2535	23.40	24.00	1.148	-	-	-0.1	0.123	0.141
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	507000	2535	19.91	20.50	1.146	-	-	0.1	0.832	0.953
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2	-	DSI 10	Close	507000	2535	19.91	20.50	1.146	-	-	0.05	0.287	0.329
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2	-	DSI 10	Close	507000	2535	19.87	20.50	1.156	-	-	0.06	0.809	0.935
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	507000	2535	18.45	19.50	1.274	-	-	-0.06	0.820	1.044
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	507000	2535	18.45	19.50	1.274	-	-	0.1	0.317	0.404
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 3	-	DSI 4	Open	507000	2535	22.93	24.00	1.279	-	-	0.06	0.308	0.394
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 3	-	DSI 4	Open	507000	2535	22.93	24.00	1.279	-	-	0.09	0.321	0.411
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	507000	2535	18.42	19.50	1.282	-	-	0.09	0.731	0.937
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 3	-	DSI 3	Open	507000	2535	18.42	19.50	1.282	-	-	-0.03	0.283	0.363
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 3	-	DSI 3	Open	507000	2535	18.40	19.50	1.288	-	-	0.03	0.769	0.991
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	507000	2535	20.00	21.00	1.259	-	-	-0.06	0.761	0.958
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	507000	2535	20.00	21.00	1.259	-	-	0.02	0.238	0.300
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	507000	2535	19.97	21.00	1.268	-	-	-0.02	0.854	1.083
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 3	-	DSI 10	Close	507000	2535	19.97	21.00	1.268	-	-	-0.06	0.267	0.338
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	16mm	Ant 3	-	DSI 4	Close	507000	2535	22.82	24.00	1.312	-	-	0.05	0.126	0.165
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	22mm	Ant 3	-	DSI 4	Close	507000	2535	22.82	24.00	1.312	-	-	-0.01	0.050	0.066
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 3	-	DSI 10	Close	507000	2535	19.93	21.00	1.279	-	-	0	0.789	1.009
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.45	24.00	1.135	-	-	0.11	0.644	0.731
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.45	24.00	1.135	-	-	0.04	0.968	1.099
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.12	0.970	1.134
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.39	24.00	1.151	-	-	-0.02	0.719	0.827
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.39	24.00	1.151	-	-	-0.13	1.070	1.231
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0	Headset	DSI 3	Open	518598	2592.99	23.39	24.00	1.151	-	-	0.09	0.910	1.047
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.42	24.00	1.143	-	-	-0.15	0.688	0.786
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0	-	DSI 3	Open	518598	2592.99	23.42	24.00	1.143	-	-	-0.16	0.950	1.086
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	23.45	24.00	1.135	-	-	-0.12	0.186	0.211
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	23.45	24.00	1.135	-	-	0.13	0.945	1.073
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	23.39	24.00	1.151	-	-	0.15	0.206	0.237



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	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	23.39	24.00	1.151	-	-	-0.03	1.050	1.208
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0	Headset	DSI 10	Close	518598	2592.99	23.39	24.00	1.151	-	-	0.06	0.911	1.048
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	25.98	27.00	1.265	50	1.000	-0.01	0.916	1.158
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0	-	DSI 10	Close	518598	2592.99	23.42	24.00	1.143	-	-	0.1	0.922	1.054
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	23.00	23.50	1.122	-	-	0.06	0.807	0.905
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	23.00	23.50	1.122	-	-	-0.1	0.980	1.100
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	22.95	23.50	1.135	-	-	-0.1	0.905	1.027
90	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	22.95	23.50	1.135	-	-	-0.05	1.100	1.249
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	25.74	26.50	1.191	50	1.000	-0.03	0.995	1.185
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	Headset	DSI 3	Open	518598	2592.99	22.95	23.50	1.135	-	-	0.07	0.967	1.098
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	12mm	Ant 1	-	DSI 4	Open	518598	2592.99	23.38	24.00	1.153	-	-	0.1	0.430	0.496
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	13mm	Ant 1	-	DSI 4	Open	518598	2592.99	23.38	24.00	1.153	-	-	-0.07	0.496	0.572
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	22.92	23.50	1.143	-	-	0.1	0.850	0.971
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 1	-	DSI 3	Open	518598	2592.99	22.92	23.50	1.143	-	-	0.08	1.050	1.200
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	23.00	23.50	1.122	-	-	0.05	0.884	0.992
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	23.00	23.50	1.122	-	-	0.08	0.980	1.100
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	22.95	23.50	1.135	-	-	-0.05	0.992	1.126
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	22.95	23.50	1.135	-	-	-0.09	1.060	1.203
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	25.74	26.50	1.191	50	1.000	-0.03	0.980	1.167
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 1	Headset	DSI 10	Close	518598	2592.99	22.95	23.50	1.135	-	-	-0.02	0.896	1.017
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	16mm	Ant 1	-	DSI 4	Close	518598	2592.99	23.38	24.00	1.153	-	-	0	0.077	0.089
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	22mm	Ant 1	-	DSI 4	Close	518598	2592.99	23.38	24.00	1.153	-	-	-0.1	0.185	0.213
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	22.92	23.50	1.143	-	-	-0.02	0.952	1.088
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 1	-	DSI 10	Close	518598	2592.99	22.92	23.50	1.143	-	-	-0.09	1.010	1.154
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.45	20.00	1.135	-	-	0.08	0.900	1.022
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.45	20.00	1.135	-	-	0.01	0.889	1.009
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.42	20.00	1.143	-	-	0.06	1.010	1.154
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.42	20.00	1.143	-	-	-0.07	0.997	1.139
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	22.21	23.00	1.199	50	1.000	-0.02	0.912	1.094
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	12mm	Ant 2	-	DSI 4	Open	518598	2592.99	23.43	24.00	1.140	-	-	-0.03	0.731	0.834
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	13mm	Ant 2	-	DSI 4	Open	518598	2592.99	23.43	24.00	1.140	-	-	0.03	0.563	0.642
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.33	20.00	1.167	-	-	-0.1	0.920	1.073
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 2	-	DSI 3	Open	518598	2592.99	19.33	20.00	1.167	-	-	-0.06	0.860	1.003
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	19.45	20.00	1.135	-	-	0.02	0.831	0.943
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	19.45	20.00	1.135	-	-	-0.05	0.331	0.376
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	22.25	23.00	1.189	50	1.000	-0.04	0.857	1.019
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 2	-	DSI 4	Close	518598	2592.99	26.22	27.00	1.197	50	1.000	-0.04	0.418	0.500
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 2	-	DSI 4	Close	518598	2592.99	23.47	24.00	1.130	-	-	0.07	0.160	0.181
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	19.42	20.00	1.143	-	-	-0.08	0.726	0.830
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	19.42	20.00	1.143	-	-	0	0.295	0.337
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2	-	DSI 10	Close	518598	2592.99	19.33	20.00	1.167	-	-	0	0.745	0.869
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.93	21.00	1.279	-	-	-0.01	0.786	1.006
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.93	21.00	1.279	-	-	-0.06	0.834	1.067
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	23.16	24.00	1.213	50	1.000	0.03	0.828	1.005
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3	-	DSI 4	Open	518598	2592.99	22.90	24.00	1.288	-	-	0.09	0.552	0.711
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3	-	DSI 4	Open	518598	2592.99	22.90	24.00	1.288	-	-	0.01	0.454	0.585
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.91	21.00	1.285	-	-	-0.08	0.701	0.901
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.91	21.00	1.285	-	-	-0.04	0.743	0.955
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.87	21.00	1.297	-	-	-0.01	0.712	0.924
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	518598	2592.99	19.87	21.00	1.297	-	-	-0.06	0.738	0.957
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	20.91	22.00	1.285	-	-	-0.04	0.893	1.148
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	20.91	22.00	1.285	-	-	-0.04	0.267	0.343
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	24.15	25.00	1.216	50	1.000	0.02	0.882	1.073
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3	-	DSI 4	Close	518598	2592.99	22.90	24.00	1.288	-	-	0.03	0.168	0.216
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3	-	DSI 4	Close	518598	2592.99	22.90	24.00	1.288	-	-	0	0.054	0.070
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	20.86	22.00	1.300	-	-	-0.04	0.816	1.061



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	FR1 n41	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	20.86	22.00	1.300	-	-	0.01	0.238	0.309
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	518598	2592.99	20.84	22.00	1.306	-	-	-0.06	0.822	1.074
3-5GHz																						
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.40	23.00	1.148	62.9	1.006	-0.09	1.040	1.201
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.40	23.00	1.148	62.9	1.006	0.1	0.960	1.109
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55830	3609	22.30	23.00	1.175	62.9	1.006	-0.05	0.902	1.066
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	56150	3641	22.33	23.00	1.167	62.9	1.006	-0.03	0.954	1.120
91	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	56640	3690	22.39	23.00	1.151	62.9	1.006	-0.04	1.080	1.250
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55830+ 56028	3609+ 3628.8	22.31	23.00	1.172	62.9	1.006	-0.05	0.916	1.080
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	55830	3609	22.30	23.00	1.175	62.9	1.006	-0.05	0.804	0.950
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	56150	3641	22.33	23.00	1.167	62.9	1.006	0.02	0.850	0.998
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	Open	56640	3690	22.39	23.00	1.151	62.9	1.006	0.09	0.963	1.115
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 3	Open	56640	3690	22.39	23.00	1.151	62.9	1.006	-0.07	0.966	1.118
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 3	-	DSI 4	Open	56640	3690	23.09	24.00	1.233	62.9	1.006	-0.04	0.576	0.715
	LTE Band 48	20M	QPSK	1	0	-	Back	13mm	Ant 3	-	DSI 4	Open	56640	3690	23.09	24.00	1.233	62.9	1.006	0.02	0.355	0.440
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.39	23.00	1.151	62.9	1.006	-0.1	0.959	1.110
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.39	23.00	1.151	62.9	1.006	0.01	0.886	1.026
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55830	3609	22.24	23.00	1.191	62.9	1.006	-0.01	0.832	0.997
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	56150	3641	22.28	23.00	1.180	62.9	1.006	-0.06	0.880	1.045
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	Open	56640	3690	22.20	23.00	1.202	62.9	1.006	0.01	0.996	1.205
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	55830	3609	22.24	23.00	1.191	62.9	1.006	0.04	0.742	0.889
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	56150	3641	22.28	23.00	1.180	62.9	1.006	0.09	0.784	0.931
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	Open	56640	3690	22.20	23.00	1.202	62.9	1.006	0.07	0.888	1.074
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.38	23.00	1.153	62.9	1.006	-0.05	0.895	1.039
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	Open	55340	3560	22.38	23.00	1.153	62.9	1.006	-0.04	0.860	0.998
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55340	3560	22.40	22.90	1.122	62.9	1.006	0.04	0.977	1.103
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55830+ 56028	3609+ 3628.8	22.28	22.90	1.153	62.9	1.006	-0.09	0.906	1.051
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	Close	55340	3560	22.40	22.90	1.122	62.9	1.006	-0.06	0.522	0.589
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55830	3609	22.30	22.90	1.148	62.9	1.006	-0.09	0.945	1.092
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	56150	3641	22.33	22.90	1.140	62.9	1.006	0.03	0.857	0.983
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	Close	56640	3690	22.39	22.90	1.125	62.9	1.006	0.09	0.826	0.934
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	Close	55340	3560	23.43	24.00	1.140	62.9	1.006	0.06	0.218	0.250
	LTE Band 48	20M	QPSK	1	0	-	Back	22mm	Ant 3	-	DSI 4	Close	55340	3560	23.43	24.00	1.140	62.9	1.006	0.09	0.029	0.033
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55340	3560	22.39	22.90	1.125	62.9	1.006	-0.06	0.871	0.985
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	Close	55340	3560	22.39	22.90	1.125	62.9	1.006	0	0.486	0.550
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55830	3609	22.24	22.90	1.164	62.9	1.006	-0.09	0.842	0.986
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	56150	3641	22.28	22.90	1.153	62.9	1.006	-0.05	0.764	0.887
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	Close	56640	3690	22.20	22.90	1.175	62.9	1.006	0.09	0.736	0.870
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	Close	55340	3560	22.38	22.90	1.127	62.9	1.006	-0.07	0.840	0.953
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.26	21.80	1.132	62.9	1.006	-0.02	0.846	0.964
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.26	21.80	1.132	62.9	1.006	-0.07	0.622	0.709
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	Open	55340	3560	21.18	21.80	1.153	62.9	1.006	0.1	0.854	0.991
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	Open	56150	3641	21.12	21.80	1.169	62.9	1.006	0.08	0.867	1.020
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	Open	56150+ 56348	3641.5+ 3660.8	21.11	21.80	1.172	62.9	1.006	-0.1	0.833	0.982
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	Open	56640	3690	21.20	21.80	1.148	62.9	1.006	-0.07	0.841	0.971
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	Open	55340	3560	21.18	21.80	1.153	62.9	1.006	-0.02	0.605	0.702
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	Open	56150	3641	21.12	21.80	1.169	62.9	1.006	0	0.614	0.722
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	Open	56640	3690	21.20	21.80	1.148	62.9	1.006	0.03	0.595	0.687
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 4	-	DSI 4	Open	56150	3641	23.09	24.00	1.233	62.9	1.006	0.04	0.489	0.607
	LTE Band 48	20M	QPSK	1	0	-	Back	13mm	Ant 4	-	DSI 4	Open	56150	3641	23.09	24.00	1.233	62.9	1.006	0.04	0.325	0.403
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.20	21.80	1.148	62.9	1.006	0.02	0.779	0.900
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.20	21.80	1.148	62.9	1.006	-0.1	0.573	0.662
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	Open	55340	3560	21.12	21.80	1.169	62.9	1.006	0.04	0.786	0.925
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	Open	56150	3641	21.02	21.80	1.197	62.9	1.006	0.03	0.798	0.961
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	Open	56640	3690	21.18	21.80	1.153	62.9	1.006	0.1	0.774	0.898



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	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	Open	55340	3560	21.12	21.80	1.169	62.9	1.006	0.04	0.557	0.655
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	Open	56150	3641	21.02	21.80	1.197	62.9	1.006	-0.09	0.565	0.680
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	Open	56640	3690	21.18	21.80	1.153	62.9	1.006	0.03	0.548	0.636
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.18	21.80	1.153	62.9	1.006	-0.08	0.733	0.851
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 4	-	DSI 3	Open	55830	3609	21.18	21.80	1.153	62.9	1.006	0.02	0.530	0.615
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55830	3609	22.80	23.50	1.175	62.9	1.006	0.04	0.909	1.074
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 10	Close	55830	3609	22.80	23.50	1.175	62.9	1.006	0.01	0.367	0.434
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55340	3560	22.65	23.50	1.216	62.9	1.006	-0.01	0.981	1.200
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55830+ 56028	3609+ 3628.8	22.68	23.50	1.208	62.9	1.006	0.03	0.933	1.134
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	Close	56150	3641	22.48	23.50	1.265	62.9	1.006	-0.04	0.869	1.106
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	Close	56640	3690	22.61	23.50	1.227	62.9	1.006	-0.08	0.869	1.073
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	Headset	DSI 10	Close	55340	3560	22.65	23.50	1.216	62.9	1.006	0.1	0.906	1.108
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 4	-	DSI 4	Close	55340	3560	23.25	24.00	1.189	62.9	1.006	-0.09	0.143	0.171
	LTE Band 48	20M	QPSK	1	0	-	Back	22mm	Ant 4	-	DSI 4	Close	55830	3609	23.31	24.00	1.172	62.9	1.006	-0.02	0.000	0.000
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55830	3609	21.68	23.00	1.355	62.9	1.006	0.09	0.810	1.104
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 10	Close	55830	3609	21.68	23.00	1.355	62.9	1.006	-0.09	0.327	0.446
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55340	3560	21.62	23.00	1.374	62.9	1.006	0.1	0.836	1.156
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	Close	56150	3641	21.43	23.00	1.435	62.9	1.006	0.05	0.774	1.118
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	Close	56640	3690	21.58	23.00	1.387	62.9	1.006	0.02	0.774	1.080
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 10	Close	55830	3609	21.69	23.00	1.352	62.9	1.006	0.1	0.786	1.069
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.66	21.40	1.493	62.9	1.006	-0.06	0.687	1.032
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.66	21.40	1.493	62.9	1.006	0.04	0.519	0.779
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55340	3560	19.63	21.40	1.503	62.9	1.006	-0.1	0.751	1.136
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55830+ 56028	3609+ 3628.8	19.56	21.40	1.528	62.9	1.006	-0.07	0.716	1.100
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 3	Open	56150	3641	19.60	21.40	1.514	62.9	1.006	0.1	0.687	1.046
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 3	Open	56640	3690	19.65	21.40	1.496	62.9	1.006	0.02	0.708	1.066
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	DSI 3	Open	55340	3560	19.63	21.40	1.503	62.9	1.006	-0.07	0.557	0.842
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	DSI 3	Open	56150	3641	19.60	21.40	1.514	62.9	1.006	0	0.509	0.775
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	DSI 3	Open	56640	3690	19.65	21.40	1.496	62.9	1.006	0.04	0.525	0.790
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 6	-	DSI 4	Open	55340	3560	22.26	24.00	1.493	62.9	1.006	-0.07	0.423	0.635
	LTE Band 48	20M	QPSK	1	0	-	Back	13mm	Ant 6	-	DSI 4	Open	55340	3560	22.26	24.00	1.493	62.9	1.006	-0.03	0.331	0.497
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.65	21.40	1.496	62.9	1.006	0.01	0.647	0.974
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.65	21.40	1.496	62.9	1.006	0	0.489	0.736
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55340	3560	19.62	21.40	1.507	62.9	1.006	-0.01	0.707	1.072
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 3	Open	56150	3641	19.58	21.40	1.521	62.9	1.006	0.07	0.647	0.990
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 3	Open	56640	3690	19.63	21.40	1.503	62.9	1.006	-0.01	0.667	1.009
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	DSI 3	Open	55340	3560	19.62	21.40	1.507	62.9	1.006	-0.02	0.525	0.796
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	DSI 3	Open	56150	3641	19.58	21.40	1.521	62.9	1.006	-0.07	0.479	0.733
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	DSI 3	Open	56640	3690	19.63	21.40	1.503	62.9	1.006	-0.02	0.494	0.747
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.63	21.40	1.503	62.9	1.006	0.01	0.633	0.957
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 6	-	DSI 3	Open	55830	3609	19.63	21.40	1.503	62.9	1.006	-0.07	0.450	0.680
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55830	3609	19.86	21.60	1.493	62.9	1.006	0.09	0.686	1.030
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	DSI 10	Close	55830	3609	19.86	21.60	1.493	62.9	1.006	0.03	0.052	0.078
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55340	3560	19.83	21.60	1.503	62.9	1.006	-0.07	0.744	1.125
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55830+ 56028	3609+ 3628.8	19.71	21.60	1.545	62.9	1.006	0.01	0.706	1.097
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 10	Close	56150	3641	19.80	21.60	1.514	62.9	1.006	0.01	0.664	1.011
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	DSI 10	Close	56640	3690	19.85	21.60	1.496	62.9	1.006	-0.03	0.673	1.013
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 6	-	DSI 4	Close	55340	3560	22.26	24.00	1.493	62.9	1.006	-0.04	0.222	0.333
	LTE Band 48	20M	QPSK	1	0	-	Back	22mm	Ant 6	-	DSI 4	Close	55830	3609	22.42	24.00	1.439	62.9	1.006	-0.1	0.000	0.000
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55830	3609	19.85	21.60	1.496	62.9	1.006	-0.06	0.611	0.920
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	DSI 10	Close	55830	3609	19.85	21.60	1.496	62.9	1.006	-0.07	0.046	0.069
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55340	3560	19.82	21.60	1.507	62.9	1.006	-0.07	0.663	1.005
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 10	Close	56150	3641	19.78	21.60	1.521	62.9	1.006	0.06	0.592	0.906
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	DSI 10	Close	56640	3690	19.83	21.60	1.503	62.9	1.006	0.07	0.600	0.907
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 6	-	DSI 10	Close	55830	3609	19.83	21.60	1.503	62.9	1.006	-0.02	0.599	0.906
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.92	22.40	1.117	62.9	1.006	0.05	0.840	0.944



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	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.92	22.40	1.117	62.9	1.006	0.09	1.040	1.169
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	Open	55340	3560	21.77	22.40	1.156	62.9	1.006	0.1	0.800	0.930
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	Open	56150	3641	21.78	22.40	1.153	62.9	1.006	0.02	0.815	0.946
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	Open	56640	3690	21.90	22.40	1.122	62.9	1.006	0.1	0.854	0.964
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55340	3560	21.77	22.40	1.156	62.9	1.006	0.07	1.030	1.198
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	Open	56150	3641	21.78	22.40	1.153	62.9	1.006	0.05	1.050	1.218
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	Open	56640	3690	21.90	22.40	1.122	62.9	1.006	-0.08	1.100	1.242
	LTE Band 48C	10M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55830+56028	3609+3628.8	21.71	22.40	1.172	62.9	1.006	0.07	0.966	1.139
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	Headset	DSI 3	Open	56640	3690	21.90	22.40	1.122	62.9	1.006	0.1	0.989	1.116
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 8	-	DSI 4	Open	56640	3690	23.35	24.00	1.161	62.9	1.006	-0.1	0.313	0.366
	LTE Band 48	20M	QPSK	1	0	-	Back	13mm	Ant 8	-	DSI 4	Open	56640	3690	23.35	24.00	1.161	62.9	1.006	-0.02	0.382	0.446
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.83	22.40	1.140	62.9	1.006	0.09	0.773	0.887
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.83	22.40	1.140	62.9	1.006	0	0.957	1.098
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	Open	55340	3560	21.74	22.40	1.164	62.9	1.006	-0.05	0.736	0.862
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	Open	56150	3641	21.77	22.40	1.156	62.9	1.006	0.02	0.750	0.872
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	Open	56640	3690	21.72	22.40	1.169	62.9	1.006	-0.09	0.786	0.925
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55340	3560	21.74	22.40	1.164	62.9	1.006	-0.01	0.948	1.110
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	Open	56150	3641	21.77	22.40	1.156	62.9	1.006	0.08	0.966	1.124
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	Open	56640	3690	21.72	22.40	1.169	62.9	1.006	0.06	0.980	1.153
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.80	22.40	1.148	62.9	1.006	-0.04	0.725	0.837
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 8	-	DSI 3	Open	55830	3609	21.80	22.40	1.148	62.9	1.006	-0.01	0.910	1.051
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55830	3609	22.35	22.90	1.135	62.9	1.006	0.1	0.865	0.988
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 10	Close	55830	3609	22.35	22.90	1.135	62.9	1.006	0	0.042	0.048
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55340	3560	22.21	22.90	1.172	62.9	1.006	-0.01	0.907	1.070
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	Close	56150	3641	22.20	22.90	1.175	62.9	1.006	-0.06	0.955	1.129
	LTE Band 48C	10M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55830+56028	3609+3628.8	22.30	22.90	1.148	62.9	1.006	-0.02	0.933	1.078
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	Close	56640	3690	22.19	22.90	1.178	62.9	1.006	0.08	0.836	0.990
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 8	-	DSI 4	Close	56150	3641	23.42	24.00	1.143	62.9	1.006	-0.07	0.209	0.240
	LTE Band 48	20M	QPSK	1	0	-	Back	22mm	Ant 8	-	DSI 4	Close	55830	3609	23.35	24.00	1.161	62.9	1.006	-0.1	0.026	0.030
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55830	3609	22.34	22.90	1.138	62.9	1.006	0.08	0.771	0.882
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 10	Close	55830	3609	22.34	22.90	1.138	62.9	1.006	-0.05	0.037	0.042
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55340	3560	22.20	22.90	1.175	62.9	1.006	0.05	0.808	0.955
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	Close	56150	3641	22.09	22.90	1.205	62.9	1.006	0.09	0.851	1.032
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	Close	56640	3690	22.17	22.90	1.183	62.9	1.006	0.03	0.745	0.887
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 10	Close	55830	3609	22.31	22.90	1.146	62.9	1.006	0.07	0.755	0.870
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.85	20.50	1.161	-	-	0.06	0.850	0.987
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.85	20.50	1.161	-	-	0.01	0.831	0.965
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	638000	3570	19.78	20.50	1.180	-	-	0.06	0.897	1.059
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	645332	3679.98	19.80	20.50	1.175	-	-	-0.01	0.960	1.128
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	638000	3570	19.78	20.50	1.180	-	-	-0.09	0.796	0.940
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	645332	3679.98	19.80	20.50	1.175	-	-	0.07	0.852	1.001
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.83	20.50	1.167	-	-	-0.07	0.925	1.079
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.83	20.50	1.167	-	-	0.01	0.878	1.024
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	638000	3570	19.77	20.50	1.183	-	-	0	0.953	1.127
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	645332	3679.98	19.76	20.50	1.186	-	-	-0.03	1.010	1.198
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	638000	3570	19.77	20.50	1.183	-	-	0.07	0.845	1.000
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	645332	3679.98	19.76	20.50	1.186	-	-	-0.03	0.896	1.062
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	12mm	Ant 3	-	DSI 4	Open	645332	3679.98	23.09	24.00	1.233	-	-	-0.08	0.613	0.756
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	13mm	Ant 3	-	DSI 4	Open	645332	3679.98	23.09	24.00	1.233	-	-	-0.07	0.398	0.491
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.80	20.50	1.175	-	-	0.02	0.888	1.043
	FR1 n48	40M	QPSK	100	0	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	641666	3624.99	19.80	20.50	1.175	-	-	0.1	0.835	0.981
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	641666	3624.99	19.85	20.50	1.161	-	-	-0.01	0.719	0.835
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	641666	3624.99	19.85	20.50	1.161	-	-	-0.08	0.344	0.400
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	638000	3570	19.78	20.50	1.180	-	-	0.01	0.811	0.957
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	645332	3679.98	19.80	20.50	1.175	-	-	-0.01	0.679	0.798
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	641666	3624.99	19.83	20.50	1.167	-	-	0.08	0.736	0.859



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	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	641666	3624.99	19.83	20.50	1.167	-	-	-0.05	0.386	0.450
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	638000	3570	19.77	20.50	1.183	-	-	0.05	0.872	1.032
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	645332	3679.98	19.76	20.50	1.186	-	-	0.09	0.709	0.841
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	16mm	Ant 3	-	DSI 4	Close	638000	3570	22.95	24.00	1.274	-	-	0.02	0.292	0.372
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	22mm	Ant 3	-	DSI 4	Close	641666	3624.99	23.10	24.00	1.230	-	-	-0.1	0.129	0.159
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	641666	3624.99	19.80	20.50	1.175	-	-	-0.03	0.728	0.855
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.32	20.00	1.169	-	-	-0.03	0.717	0.839
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.32	20.00	1.169	-	-	0.04	0.582	0.681
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	638000	3570	19.23	20.00	1.194	-	-	-0.08	0.647	0.773
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	645332	3679.98	19.26	20.00	1.186	-	-	0.04	0.776	0.920
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	638000	3570	19.23	20.00	1.194	-	-	-0.05	0.526	0.628
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	645332	3679.98	19.26	20.00	1.186	-	-	-0.03	0.631	0.748
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.27	20.00	1.183	-	-	0.03	0.779	0.922
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.27	20.00	1.183	-	-	-0.02	0.632	0.748
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	638000	3570	19.20	20.00	1.202	-	-	0.06	0.703	0.845
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	645332	3679.98	19.23	20.00	1.194	-	-	-0.02	0.843	1.007
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	638000	3570	19.20	20.00	1.202	-	-	-0.05	0.571	0.686
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	645332	3679.98	19.23	20.00	1.194	-	-	0.06	0.685	0.818
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	12mm	Ant 4	-	DSI 4	Open	645332	3679.98	23.02	24.00	1.253	-	-	-0.08	0.715	0.896
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	13mm	Ant 4	-	DSI 4	Open	645332	3679.98	23.02	24.00	1.253	-	-	-0.05	0.446	0.559
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.22	20.00	1.197	-	-	-0.1	0.726	0.869
	FR1 n48	40M	QPSK	100	0	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	641666	3624.99	19.22	20.00	1.197	-	-	0	0.585	0.700
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	641666	3624.99	22.28	23.00	1.180	-	-	0.09	0.954	1.126
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	641666	3624.99	22.28	23.00	1.180	-	-	-0.08	0.317	0.374
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	638000	3570	22.25	23.00	1.189	-	-	0.09	0.966	1.148
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	645332	3679.98	22.22	23.00	1.197	-	-	0.02	0.978	1.170
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	16mm	Ant 4	-	DSI 4	Close	645332	3679.98	23.19	24.00	1.205	-	-	0.07	0.251	0.302
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	22mm	Ant 4	-	DSI 4	Close	641666	3624.99	23.30	24.00	1.175	-	-	0.05	0.152	0.179
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	641666	3624.99	22.27	23.00	1.183	-	-	0.1	0.850	1.006
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	641666	3624.99	22.27	23.00	1.183	-	-	-0.05	0.283	0.335
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	638000	3570	22.23	23.00	1.194	-	-	0.1	0.861	1.028
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	645332	3679.98	22.20	23.00	1.202	-	-	0.06	0.872	1.048
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	641666	3624.99	22.23	23.00	1.194	-	-	0.03	0.800	0.955
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.28	18.00	1.180	-	-	-0.09	0.825	0.974
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.28	18.00	1.180	-	-	0.01	0.757	0.894
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	638000	3570	17.20	18.00	1.202	-	-	0.08	0.844	1.015
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	645332	3679.98	17.22	18.00	1.197	-	-	0.1	0.868	1.039
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	638000	3570	17.20	18.00	1.202	-	-	0.08	0.777	0.934
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	645332	3679.98	17.22	18.00	1.197	-	-	-0.07	0.799	0.956
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	12mm	Ant 6	-	DSI 4	Open	645332	3679.98	23.11	24.00	1.227	-	-	0	0.779	0.956
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	13mm	Ant 6	-	DSI 4	Open	645332	3679.98	23.11	24.00	1.227	-	-	0.01	0.613	0.752
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.25	18.00	1.189	-	-	-0.04	0.759	0.902
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.25	18.00	1.189	-	-	-0.07	0.697	0.828
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	638000	3570	17.13	18.00	1.222	-	-	0.08	0.777	0.949
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	645332	3679.98	17.20	18.00	1.202	-	-	0.09	0.799	0.961
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	638000	3570	17.13	18.00	1.222	-	-	0.07	0.715	0.874
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	645332	3679.98	17.20	18.00	1.202	-	-	-0.01	0.735	0.884
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.17	18.00	1.211	-	-	0.06	0.715	0.866
	FR1 n48	40M	QPSK	100	0	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	641666	3624.99	17.17	18.00	1.211	-	-	-0.01	0.668	0.809
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	641666	3624.99	18.26	19.00	1.186	-	-	0.01	0.876	1.039
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	641666	3624.99	18.26	19.00	1.186	-	-	-0.04	0.061	0.072
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	638000	3570	18.20	19.00	1.202	-	-	-0.01	0.986	1.185
92	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	645332	3679.98	18.22	19.00	1.197	-	-	-0.03	1.020	1.221
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	Headset	DSI 10	Close	645332	3679.98	18.22	19.00	1.197	-	-	-0.08	0.941	1.126
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	16mm	Ant 6	-	DSI 4	Close	645332	3679.98	23.11	24.00	1.227	-	-	-0.07	0.638	0.783
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	22mm	Ant 6	-	DSI 4	Close	641666	3624.99	23.25	24.00	1.189	-	-	0	0.168	0.200



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FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	641666	3624.99	18.23	19.00	1.194	-	-	-0.04	0.781	0.933
FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	641666	3624.99	18.23	19.00	1.194	-	-	-0.08	0.054	0.064
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	638000	3570	18.15	19.00	1.216	-	-	-0.08	0.879	1.069
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	645332	3679.98	18.17	19.00	1.211	-	-	0.06	0.909	1.100
FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	641666	3624.99	18.20	19.00	1.202	-	-	-0.06	0.745	0.896
FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	641666	3624.99	18.93	19.50	1.140	-	-	0.04	0.522	0.595
FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	641666	3624.99	18.93	19.50	1.140	-	-	-0.04	0.778	0.887
FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	638000	3570	18.85	19.50	1.161	-	-	-0.03	0.880	1.022
FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	645332	3679.98	18.88	19.50	1.153	-	-	0.09	0.803	0.926
FR1 n48	40M	QPSK	1	1	DFT-30	Front	12mm	Ant 8	-	DSI 4	Open	641666	3624.99	23.40	24.00	1.148	-	-	0.07	0.451	0.518
FR1 n48	40M	QPSK	1	1	DFT-30	Back	13mm	Ant 8	-	DSI 4	Open	638000	3570	23.33	24.00	1.167	-	-	-0.09	0.530	0.618
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	641666	3624.99	18.88	19.50	1.153	-	-	-0.06	0.487	0.562
FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	641666	3624.99	18.88	19.50	1.153	-	-	-0.01	0.693	0.799
FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	638000	3570	18.79	19.50	1.178	-	-	-0.02	0.784	0.923
FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	645332	3679.98	18.83	19.50	1.167	-	-	0.02	0.716	0.835
FR1 n48	40M	QPSK	100	0	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	641666	3624.99	18.85	19.50	1.161	-	-	0.02	0.665	0.772
FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	641666	3624.99	19.84	20.50	1.164	-	-	0.07	0.787	0.916
FR1 n48	40M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	641666	3624.99	19.84	20.50	1.164	-	-	0.06	0.052	0.061
FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	638000	3570	19.78	20.50	1.180	-	-	0.03	0.853	1.007
FR1 n48	40M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	645332	3679.98	19.78	20.50	1.180	-	-	0.01	0.871	1.028
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	641666	3624.99	19.76	20.50	1.186	-	-	-0.1	0.883	1.047
FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	641666	3624.99	19.76	20.50	1.186	-	-	0.04	0.058	0.069
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	638000	3570	19.71	20.50	1.199	-	-	0.1	0.957	1.148
FR1 n48	40M	QPSK	50	28	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	645332	3679.98	19.73	20.50	1.194	-	-	0.09	0.977	1.167
FR1 n48	40M	QPSK	50	28	DFT-30	Front	16mm	Ant 8	-	DSI 4	Close	645332	3679.98	22.95	24.00	1.274	-	-	-0.07	0.355	0.452
FR1 n48	40M	QPSK	50	28	DFT-30	Back	22mm	Ant 8	-	DSI 4	Close	641666	3624.99	23.05	24.00	1.245	-	-	-0.06	0.116	0.144
FR1 n48	40M	QPSK	100	0	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	641666	3624.99	19.70	20.50	1.202	-	-	0.01	0.832	1.000
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	633332	3499.98	18.89	19.50	1.151	-	-	0.09	0.610	0.702
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	633332	3499.98	18.89	19.50	1.151	-	-	0.05	0.593	0.682
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	-0.02	0.635	0.738
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	-0.02	0.624	0.725
FR1 n77_Part27Q_HPUE	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	633332	3499.98	21.62	22.50	1.225	50	1.000	0.03	0.601	0.736
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	12mm	Ant 3	-	DSI 4	Open	633332	3499.98	23.31	24.00	1.172	-	-	-0.06	0.442	0.518
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	13mm	Ant 3	-	DSI 4	Open	633332	3499.98	23.31	24.00	1.172	-	-	-0.06	0.410	0.481
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	20.38	21.00	1.153	-	-	0.05	0.842	0.971
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	20.38	21.00	1.153	-	-	0.09	0.147	0.170
FR1 n77_Part27Q_HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	23.15	24.00	1.216	50	1.000	-0.06	0.795	0.967
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3	-	DSI 4	Close	633332	3499.98	23.37	24.00	1.156	-	-	0.06	0.255	0.295
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3	-	DSI 4	Close	633332	3499.98	23.37	24.00	1.156	-	-	0.08	0.000	0.000
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	20.36	21.00	1.159	-	-	-0.05	0.750	0.869
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	20.36	21.00	1.159	-	-	-0.03	0.131	0.152
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	633332	3499.98	20.31	21.00	1.172	-	-	0.03	0.722	0.846
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	656000	3840	19.02	19.50	1.117	-	-	0	0.788	0.880
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	656000	3840	19.02	19.50	1.117	-	-	0.08	0.738	0.824
FR1 n77_Part27Q_HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	656000	3840	21.89	22.50	1.151	50	1.000	-0.04	0.742	0.854
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3	-	DSI 4	Open	656000	3840	23.50	24.00	1.122	-	-	0	0.577	0.647
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3	-	DSI 4	Open	656000	3840	23.50	24.00	1.122	-	-	-0.02	0.506	0.568
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	656000	3840	18.90	19.50	1.148	-	-	-0.01	0.702	0.806
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	656000	3840	18.90	19.50	1.148	-	-	0.1	0.658	0.755
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3	-	DSI 3	Open	656000	3840	18.88	19.50	1.153	-	-	0.09	0.692	0.798
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3	-	DSI 3	Open	656000	3840	18.88	19.50	1.153	-	-	0.01	0.635	0.732
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	656000	3840	20.47	21.00	1.130	-	-	0.08	0.852	0.963
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	656000	3840	20.47	21.00	1.130	-	-	-0.03	0.090	0.102
FR1 n77_Part27Q_HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	656000	3840	23.35	24.00	1.161	50	1.000	-0.04	0.811	0.942
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3	-	DSI 4	Close	656000	3840	23.50	24.00	1.122	-	-	-0.09	0.339	0.380



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FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3	-	DSI 4	Close	656000	3840	23.50	24.00	1.122	-	-	0.09	0.013	0.015
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	656000	3840	20.45	21.00	1.135	-	-	-0.06	0.759	0.861
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3	-	DSI 10	Close	656000	3840	20.45	21.00	1.135	-	-	0.09	0.080	0.091
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3	-	DSI 10	Close	656000	3840	20.44	21.00	1.138	-	-	-0.01	0.738	0.840
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.88	19.50	1.153	-	-	0.08	1.000	1.153
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.88	19.50	1.153	-	-	-0.05	0.855	0.986
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	21.85	22.50	1.161	50	1.000	-0.08	0.985	1.144
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4	-	DSI 4	Open	633332	3499.98	23.38	24.00	1.153	-	-	0.01	0.479	0.553
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4	-	DSI 4	Open	633332	3499.98	23.38	24.00	1.153	-	-	0	0.414	0.478
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	0.02	0.895	1.039
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	0.05	0.762	0.885
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	-0.03	0.844	0.980
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	633332	3499.98	18.85	19.50	1.161	-	-	0.07	0.735	0.854
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	19.40	20.00	1.148	-	-	-0.08	0.912	1.047
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	19.40	20.00	1.148	-	-	0	0.150	0.172
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	22.35	23.00	1.161	50	1.000	-0.04	0.875	1.016
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4	-	DSI 4	Close	633332	3499.98	23.38	24.00	1.153	-	-	0	0.285	0.329
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4	-	DSI 4	Close	633332	3499.98	23.38	24.00	1.153	-	-	0.08	0.037	0.043
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	19.38	20.00	1.153	-	-	0.03	0.813	0.938
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	19.38	20.00	1.153	-	-	0.02	0.134	0.155
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	633332	3499.98	19.27	20.00	1.183	-	-	0.05	0.813	0.962
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.94	19.50	1.138	-	-	0.06	0.813	0.925
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.94	19.50	1.138	-	-	-0.03	0.713	0.811
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	656000	3840	21.72	22.50	1.197	50	1.000	-0.03	0.755	0.904
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4	-	DSI 4	Open	656000	3840	23.42	24.00	1.143	-	-	0.01	0.586	0.670
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4	-	DSI 4	Open	656000	3840	23.42	24.00	1.143	-	-	-0.04	0.428	0.489
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.90	19.50	1.148	-	-	0.02	0.725	0.832
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.90	19.50	1.148	-	-	-0.07	0.635	0.729
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.86	19.50	1.159	-	-	0.06	0.695	0.805
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4	-	DSI 3	Open	656000	3840	18.86	19.50	1.159	-	-	-0.07	0.610	0.707
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	656000	3840	19.40	20.00	1.148	-	-	0.07	0.601	0.690
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	656000	3840	19.40	20.00	1.148	-	-	-0.08	0.162	0.186
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	656000	3840	22.20	23.00	1.202	50	1.000	-0.1	0.560	0.673
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4	-	DSI 4	Close	656000	3840	23.42	24.00	1.143	-	-	0.1	0.259	0.296
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4	-	DSI 4	Close	656000	3840	23.42	24.00	1.143	-	-	0.08	0.141	0.161
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	656000	3840	19.35	20.00	1.161	-	-	-0.1	0.536	0.623
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4	-	DSI 10	Close	656000	3840	19.35	20.00	1.161	-	-	0.09	0.144	0.167
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4	-	DSI 10	Close	656000	3840	19.30	20.00	1.175	-	-	-0.1	0.505	0.593
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.15	19.00	1.216	-	-	-0.01	1.000	1.216
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.15	19.00	1.216	-	-	-0.07	0.844	1.026
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	21.16	22.00	1.213	50	1.000	-0.01	0.950	1.153
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	Headset	DSI 3	Open	633332	3499.98	18.15	19.00	1.216	-	-	0.06	0.966	1.175
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 6	-	DSI 4	Open	633332	3499.98	23.14	24.00	1.219	-	-	-0.09	0.874	1.065
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 6	-	DSI 4	Open	633332	3499.98	23.14	24.00	1.219	-	-	0	0.696	0.848
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.10	19.00	1.230	-	-	-0.07	0.900	1.107
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.10	19.00	1.230	-	-	-0.1	0.752	0.925
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.03	19.00	1.250	-	-	0.1	0.855	1.069
FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	633332	3499.98	18.03	19.00	1.250	-	-	-0.07	0.725	0.906
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	17.66	18.50	1.213	-	-	-0.05	0.917	1.113
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	17.66	18.50	1.213	-	-	0.05	0.054	0.066
FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	20.65	21.50	1.216	50	1.000	0.09	0.900	1.095
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 6	-	DSI 4	Close	633332	3499.98	23.14	24.00	1.219	-	-	0.05	0.485	0.591
FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 6	-	DSI 4	Close	633332	3499.98	23.14	24.00	1.219	-	-	-0.06	0.059	0.072
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	17.61	18.50	1.227	-	-	-0.03	0.817	1.003
FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	17.61	18.50	1.227	-	-	0.1	0.048	0.059



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	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	633332	3499.98	17.61	18.50	1.227	-	-	0.09	0.782	0.960
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.35	19.00	1.161	-	-	0.08	0.926	1.076
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.35	19.00	1.161	-	-	-0.09	0.876	1.017
	FR1 n77_Part27O HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	656000	3840	21.18	22.00	1.208	50	1.000	-0.06	0.856	1.034
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 6	-	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	0.1	0.792	0.924
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 6	-	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	0.02	0.764	0.891
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.32	19.00	1.169	-	-	0.01	0.902	1.055
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.32	19.00	1.169	-	-	0.08	0.812	0.950
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.30	19.00	1.175	-	-	0.02	0.895	1.052
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 6	-	DSI 3	Open	656000	3840	18.30	19.00	1.175	-	-	0.05	0.805	0.946
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	656000	3840	17.85	18.50	1.161	-	-	-0.1	0.795	0.923
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	656000	3840	17.85	18.50	1.161	-	-	-0.05	0.094	0.109
	FR1 n77_Part27O HPUE	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	656000	3840	20.66	21.50	1.213	50	1.000	0.04	0.760	0.922
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 6	-	DSI 4	Close	656000	3840	23.33	24.00	1.167	-	-	0.04	0.452	0.527
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 6	-	DSI 4	Close	656000	3840	23.33	24.00	1.167	-	-	-0.04	0.077	0.090
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	656000	3840	17.82	18.50	1.169	-	-	0	0.709	0.829
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 6	-	DSI 10	Close	656000	3840	17.82	18.50	1.169	-	-	-0.09	0.084	0.098
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 6	-	DSI 10	Close	656000	3840	17.75	18.50	1.189	-	-	0.07	0.688	0.818
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.25	21.00	1.189	-	-	-0.01	0.642	0.763
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.25	21.00	1.189	-	-	0.1	0.841	1.000
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.21	21.00	1.199	-	-	-0.05	0.720	0.864
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.21	21.00	1.199	-	-	0.08	0.944	1.132
	FR1 n77_Part27Q HPUE	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	23.17	24.00	1.211	50	1.000	-0.07	0.930	1.126
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	12mm	Ant 8	-	DSI 4	Open	633332	3499.98	23.26	24.00	1.186	-	-	0.05	0.381	0.452
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	13mm	Ant 8	-	DSI 4	Open	633332	3499.98	23.26	24.00	1.186	-	-	0.09	0.433	0.513
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.12	21.00	1.225	-	-	-0.04	0.655	0.802
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	633332	3499.98	20.12	21.00	1.225	-	-	-0.02	0.827	1.013
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	21.32	22.00	1.169	-	-	-0.03	0.927	1.084
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	21.32	22.00	1.169	-	-	0.01	0.089	0.104
93	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	21.28	22.00	1.180	-	-	-0.01	1.040	1.228
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	21.28	22.00	1.180	-	-	-0.09	0.100	0.118
	FR1 n77_Part27Q HPUE	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	24.20	25.00	1.202	50	1.000	0.03	0.988	1.188
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	Headset	DSI 10	Close	633332	3499.98	21.28	22.00	1.180	-	-	0.02	0.897	1.059
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	16mm	Ant 8	-	DSI 4	Close	633332	3499.98	23.26	24.00	1.186	-	-	0.01	0.265	0.314
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	22mm	Ant 8	-	DSI 4	Close	633332	3499.98	23.26	24.00	1.186	-	-	0	0.024	0.028
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	633332	3499.98	21.22	22.00	1.197	-	-	-0.08	0.905	1.083
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.37	21.00	1.156	-	-	-0.03	0.726	0.839
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.37	21.00	1.156	-	-	0.01	0.883	1.021
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.31	21.00	1.172	-	-	0.02	0.815	0.955
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.31	21.00	1.172	-	-	0.03	0.991	1.162
	FR1 n77_Part27O HPUE	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	656000	3840	23.32	24.00	1.169	50	1.000	-0.05	0.955	1.117
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	12mm	Ant 8	-	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	0.01	0.323	0.377
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	13mm	Ant 8	-	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	-0.09	0.445	0.519
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.30	21.00	1.175	-	-	0.04	0.712	0.837
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 8	-	DSI 3	Open	656000	3840	20.30	21.00	1.175	-	-	0.08	0.865	1.016
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	656000	3840	21.40	22.00	1.148	-	-	0.02	0.866	0.994
	FR1 n77_Part27O	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	656000	3840	21.40	22.00	1.148	-	-	-0.06	0.055	0.063
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	656000	3840	21.36	22.00	1.159	-	-	-0.05	0.972	1.126
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 8	-	DSI 10	Close	656000	3840	21.36	22.00	1.159	-	-	-0.03	0.062	0.072
	FR1 n77_Part27O HPUE	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	656000	3840	24.32	25.00	1.169	50	1.000	0.02	0.935	1.093
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Front	16mm	Ant 8	-	DSI 4	Close	656000	3840	23.33	24.00	1.167	-	-	-0.04	0.285	0.333
	FR1 n77_Part27O	100M	QPSK	135	69	DFT-30	Back	22mm	Ant 8	-	DSI 4	Close	656000	3840	23.33	24.00	1.167	-	-	0.06	0.028	0.033
	FR1 n77_Part27O	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 8	-	DSI 10	Close	656000	3840	21.35	22.00	1.161	-	-	-0.1	0.850	0.987



UL MIMO

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	EUT Flip 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)
1750MHz																						
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.68	24.50	1.209	-	-	-0.01	1.020	1.233
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.68	24.50	1.209	-	-	0.07	0.930	1.124
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2+3	-	DSI 4	Open	349000	1745	26.16	27.00	1.213	-	-	-0.05	0.585	0.709
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2+3	-	DSI 4	Open	349000	1745	26.16	27.00	1.213	-	-	-0.01	0.438	0.531
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	Headset	DSI 3	Open	349000	1745	23.68	24.50	1.209	-	-	0.01	0.926	1.119
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.67	24.50	1.211	-	-	0.08	0.965	1.169
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.67	24.50	1.211	-	-	-0.04	0.842	1.020
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.64	24.50	1.218	-	-	-0.05	0.937	1.142
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	349000	1745	23.64	24.50	1.218	-	-	0.07	0.896	1.092
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	349000	1745	25.21	26.00	1.200	-	-	-0.09	0.999	1.199
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+3	-	DSI 10	Close	349000	1745	25.21	26.00	1.200	-	-	0.05	0.191	0.229
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2+3	-	DSI 4	Close	349000	1745	26.16	27.00	1.213	-	-	-0.02	0.277	0.336
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2+3	-	DSI 4	Close	349000	1745	26.16	27.00	1.213	-	-	-0.06	0.060	0.073
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	349000	1745	25.15	26.00	1.216	-	-	0.02	0.965	1.173
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+3	-	DSI 10	Close	349000	1745	25.15	26.00	1.216	-	-	-0.1	0.188	0.229
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	349000	1745	24.39	25.50	1.291	-	-	0.03	0.920	1.188
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.59	23.00	1.099	-	-	0.01	0.923	1.014
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.59	23.00	1.099	-	-	0.1	0.791	0.869
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2+1	-	DSI 4	Open	349000	1745	26.62	27.00	1.093	-	-	0.02	0.455	0.497
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2+1	-	DSI 4	Open	349000	1745	26.62	27.00	1.093	-	-	-0.04	0.434	0.474
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.56	23.00	1.107	-	-	0.08	0.876	0.970
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.56	23.00	1.107	-	-	-0.04	0.740	0.819
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.113	-	-	0.04	0.869	0.967
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.113	-	-	0.02	0.737	0.820
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	349000	1745	24.10	24.50	1.097	-	-	-0.09	0.806	0.884
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+1	-	DSI 10	Close	349000	1745	24.10	24.50	1.097	-	-	0.1	0.660	0.724
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2+1	-	DSI 4	Close	349000	1745	26.62	27.00	1.093	-	-	0.01	0.222	0.243
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2+1	-	DSI 4	Close	349000	1745	26.62	27.00	1.093	-	-	0.02	0.082	0.090
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	349000	1745	24.08	24.50	1.100	-	-	0.08	0.786	0.865
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+1	-	DSI 10	Close	349000	1745	24.08	24.50	1.100	-	-	-0.02	0.622	0.684
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	349000	1745	24.06	24.50	1.105	-	-	0.08	0.769	0.850
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	25.25	26.00	1.189	-	-	0.09	0.800	0.951
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	25.25	26.00	1.189	-	-	0.01	0.897	1.067
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 0+3	-	DSI 4	Open	349000	1745	26.27	27.00	1.184	-	-	-0.02	0.413	0.489
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 0+3	-	DSI 4	Open	349000	1745	26.27	27.00	1.184	-	-	-0.05	0.385	0.456
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	25.18	26.00	1.208	-	-	0.1	0.763	0.922
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	25.18	26.00	1.208	-	-	-0.03	0.826	0.998
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	24.72	25.50	1.198	-	-	-0.08	0.745	0.892
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	349000	1745	24.72	25.50	1.198	-	-	-0.08	0.814	0.975
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+3	-	DSI 10	Close	349000	1745	26.27	27.00	1.184	-	-	-0.07	0.106	0.125
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	349000	1745	26.27	27.00	1.184	-	-	0.04	0.950	1.125
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+3	-	DSI 10	Close	349000	1745	26.19	27.00	1.205	-	-	0.09	0.101	0.122
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	349000	1745	26.19	27.00	1.205	-	-	0.08	0.899	1.083
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	349000	1745	24.72	25.50	1.198	-	-	-0.09	0.920	1.102
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.56	23.00	1.106	-	-	-0.07	0.773	0.855
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.56	23.00	1.106	-	-	-0.06	0.923	1.021
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 0+1	-	DSI 4	Open	349000	1745	26.51	27.00	1.119	-	-	-0.1	0.425	0.476
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 0+1	-	DSI 4	Open	349000	1745	26.51	27.00	1.119	-	-	-0.1	0.505	0.565
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.115	-	-	-0.07	0.718	0.801
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.115	-	-	0.1	0.894	0.997
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.115	-	-	-0.09	0.747	0.833



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	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	349000	1745	22.53	23.00	1.115	-	-	-0.04	0.892	0.995
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+1	-	DSI 10	Close	349000	1745	23.56	24.00	1.106	-	-	-0.06	0.161	0.178
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+1	-	DSI 10	Close	349000	1745	23.56	24.00	1.106	-	-	-0.03	0.919	1.017
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 0+1	-	DSI 4	Close	349000	1745	26.51	27.00	1.119	-	-	0.07	0.051	0.057
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 0+1	-	DSI 4	Close	349000	1745	26.51	27.00	1.119	-	-	0.1	0.084	0.094
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+1	-	DSI 10	Close	349000	1745	23.51	24.00	1.120	-	-	0.08	0.150	0.168
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+1	-	DSI 10	Close	349000	1745	23.51	24.00	1.120	-	-	-0.05	0.848	0.950
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+1	-	DSI 10	Close	349000	1745	23.49	24.00	1.124	-	-	-0.05	0.860	0.967
1900MHz																						
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.09	23.00	1.233	-	-	0.02	0.973	1.199
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.09	23.00	1.233	-	-	0	0.930	1.146
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2+3	-	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	-0.09	0.900	1.119
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2+3	-	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	0.1	0.798	0.992
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.05	23.00	1.244	-	-	-0.02	0.922	1.147
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.05	23.00	1.244	-	-	0.01	0.842	1.047
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.04	23.00	1.248	-	-	-0.09	0.937	1.169
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2+3	-	DSI 3	Open	376500	1882.5	22.04	23.00	1.248	-	-	-0.02	0.870	1.086
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	376500	1882.5	22.09	23.00	1.233	-	-	-0.02	0.981	1.209
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+3	-	DSI 10	Close	376500	1882.5	22.09	23.00	1.233	-	-	0.04	0.167	0.206
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2+3	-	DSI 4	Close	376500	1882.5	26.05	27.00	1.244	-	-	0.09	0.577	0.718
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2+3	-	DSI 4	Close	376500	1882.5	26.05	27.00	1.244	-	-	-0.02	0.091	0.113
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+3	Headset	DSI 10	Close	376500	1882.5	22.09	23.00	1.233	-	-	0.05	0.921	1.135
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	376500	1882.5	22.05	23.00	1.244	-	-	-0.02	0.960	1.194
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+3	-	DSI 10	Close	376500	1882.5	22.05	23.00	1.244	-	-	0.03	0.155	0.193
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+3	-	DSI 10	Close	376500	1882.5	22.04	23.00	1.248	-	-	0.02	0.953	1.189
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.44	23.00	1.137	-	-	-0.04	0.926	1.053
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.44	23.00	1.137	-	-	-0.03	0.834	0.949
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 2+1	-	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	-0.05	0.532	0.607
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 2+1	-	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	0.1	0.419	0.478
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.42	23.00	1.144	-	-	0.02	0.895	1.024
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.42	23.00	1.144	-	-	-0.1	0.793	0.907
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.40	23.00	1.148	-	-	-0.04	0.868	0.996
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 2+1	-	DSI 3	Open	376500	1882.5	22.40	23.00	1.148	-	-	-0.09	0.761	0.874
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	376500	1882.5	22.94	23.50	1.137	-	-	0.03	0.872	0.991
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 2+1	-	DSI 10	Close	376500	1882.5	22.94	23.50	1.137	-	-	-0.08	0.658	0.748
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 2+1	-	DSI 4	Close	376500	1882.5	26.43	27.00	1.141	-	-	-0.01	0.318	0.363
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 2+1	-	DSI 4	Close	376500	1882.5	26.43	27.00	1.141	-	-	0.1	0.116	0.132
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	376500	1882.5	22.92	23.50	1.142	-	-	0.04	0.833	0.951
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 2+1	-	DSI 10	Close	376500	1882.5	22.92	23.50	1.142	-	-	-0.06	0.610	0.696
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 2+1	-	DSI 10	Close	376500	1882.5	22.87	23.50	1.155	-	-	0.02	0.825	0.953
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.89	25.50	1.150	-	-	-0.06	1.040	1.196
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.89	25.50	1.150	-	-	0.09	1.010	1.161
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 0+3	-	DSI 4	Open	376500	1882.5	26.35	27.00	1.162	-	-	-0.01	0.493	0.573
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 0+3	-	DSI 4	Open	376500	1882.5	26.35	27.00	1.162	-	-	-0.02	0.408	0.474
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.82	25.50	1.169	-	-	-0.1	0.946	1.106
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.82	25.50	1.169	-	-	0.03	0.934	1.092
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.43	25.50	1.278	-	-	-0.02	0.922	1.179
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+3	-	DSI 3	Open	376500	1882.5	24.43	25.50	1.278	-	-	-0.07	0.896	1.145
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	25.38	26.00	1.153	-	-	-0.1	0.906	1.045
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	25.38	26.00	1.153	-	-	0.05	0.843	0.972
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	16mm	Ant 0+3	-	DSI 4	Close	376500	1882.5	26.35	27.00	1.162	-	-	0.1	0.302	0.351
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	22mm	Ant 0+3	-	DSI 4	Close	376500	1882.5	26.35	27.00	1.162	-	-	-0.01	0.136	0.158
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	25.30	26.00	1.174	-	-	0.06	0.815	0.957
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	25.30	26.00	1.174	-	-	-0.07	0.798	0.937
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	24.43	25.50	1.278	-	-	0.1	0.808	1.033
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+3	-	DSI 10	Close	376500	1882.5	24.43	25.50	1.278	-	-	-0.06	0.751	0.960



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	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.12	25.00	1.226	-	-	-0.08	0.749	0.918
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.12	25.00	1.226	-	-	0.05	0.889	1.090
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	12mm	Ant 0+1	-	DSI 4	Open	376500	1882.5	26.15	27.00	1.216	-	-	0.09	0.377	0.458
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	13mm	Ant 0+1	-	DSI 4	Open	376500	1882.5	26.15	27.00	1.216	-	-	-0.04	0.379	0.461
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.06	25.00	1.243	-	-	-0.04	0.675	0.839
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.06	25.00	1.243	-	-	0.02	0.822	1.022
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.04	25.00	1.249	-	-	0.01	0.715	0.893
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	5mm	Ant 0+1	-	DSI 3	Open	376500	1882.5	24.04	25.00	1.249	-	-	-0.06	0.813	1.015
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	5mm	Ant 0+1	-	DSI 10	Close	376500	1882.5	26.15	27.00	1.216	-	-	0	0.155	0.188
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	5mm	Ant 0+1	-	DSI 10	Close	376500	1882.5	26.15	27.00	1.216	-	-	0.07	0.990	1.204
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	5mm	Ant 0+1	-	DSI 10	Close	376500	1882.5	26.00	27.00	1.260	-	-	-0.09	0.149	0.188
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	5mm	Ant 0+1	-	DSI 10	Close	376500	1882.5	26.00	27.00	1.260	-	-	-0.03	0.935	1.178
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	5mm	Ant 0+1	-	DSI 10	Close	376500	1882.5	24.64	25.50	1.219	-	-	-0.04	0.932	1.136
2600MHz																						
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.24	26.00	1.192	50	1.000	0.03	0.909	1.083
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.24	26.00	1.192	50	1.000	0.03	0.739	0.881
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	28.25	29.00	1.188	25	1.000	-0.02	0.874	1.038
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 2+3	-	DSI 4	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	0	0.321	0.381
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 2+3	-	DSI 4	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	0.02	0.301	0.357
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.21	26.00	1.200	50	1.000	0.07	0.846	1.015
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.21	26.00	1.200	50	1.000	0	0.716	0.859
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.17	26.00	1.211	50	1.000	0.03	0.844	1.022
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 2+3	-	DSI 3	Open	518598	2592.99	25.17	26.00	1.211	50	1.000	0.03	0.679	0.822
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	24.81	25.50	1.171	50	1.000	-0.04	0.930	1.089
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	24.81	25.50	1.171	50	1.000	-0.07	0.247	0.289
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	27.78	28.50	1.180	25	1.000	0.09	0.915	1.080
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 2+3	-	DSI 4	Close	518598	2592.99	26.25	27.00	1.187	50	1.000	0.01	0.178	0.211
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 2+3	-	DSI 4	Close	518598	2592.99	26.25	27.00	1.187	50	1.000	0	0.072	0.085
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	24.79	25.50	1.176	50	1.000	0.04	0.862	1.014
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	24.79	25.50	1.176	50	1.000	-0.06	0.238	0.280
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2+3	-	DSI 10	Close	518598	2592.99	24.75	25.50	1.188	50	1.000	-0.08	0.838	0.996
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	25.07	26.00	1.239	50	1.000	0.06	0.858	1.063
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	25.07	26.00	1.239	50	1.000	0.04	0.822	1.018
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	28.04	29.00	1.247	25	1.000	-0.01	0.833	1.039
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 2+1	-	DSI 4	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	0.03	0.297	0.369
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 2+1	-	DSI 4	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	0.06	0.241	0.300
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	25.05	26.00	1.244	50	1.000	-0.04	0.817	1.017
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	25.05	26.00	1.244	50	1.000	-0.02	0.741	0.922
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	24.98	26.00	1.266	50	1.000	-0.08	0.772	0.977
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 2+1	-	DSI 3	Open	518598	2592.99	24.98	26.00	1.266	50	1.000	-0.06	0.746	0.944
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	25.07	26.00	1.239	50	1.000	-0.07	0.867	1.074
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	25.07	26.00	1.239	50	1.000	-0.08	0.507	0.628
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	28.04	29.00	1.247	25	1.000	0.1	0.833	1.039
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 2+1	-	DSI 4	Close	518598	2592.99	26.06	27.00	1.243	50	1.000	0.03	0.180	0.224
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 2+1	-	DSI 4	Close	518598	2592.99	26.06	27.00	1.243	50	1.000	0.08	0.119	0.148
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	25.05	26.00	1.244	50	1.000	0.09	0.850	1.058
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	25.05	26.00	1.244	50	1.000	0.06	0.498	0.620
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	24.98	26.00	1.266	50	1.000	-0.04	0.825	1.045
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 2+1	-	DSI 10	Close	518598	2592.99	24.98	26.00	1.266	50	1.000	0.01	0.488	0.618
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.06	0.481	0.586
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.04	0.873	1.064
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	29.17	30.00	1.211	25	1.000	-0.02	0.822	0.995
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	26.09	27.00	1.234	50	1.000	0.06	0.470	0.580
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	26.09	27.00	1.234	50	1.000	0.05	0.777	0.959
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0+3	-	DSI 3	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.08	0.793	1.006
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.01	0.203	0.247



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FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	26.14	27.00	1.219	50	1.000	0.07	0.829	1.010
FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	29.17	30.00	1.211	25	1.000	0.1	0.795	0.962
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	26.09	27.00	1.234	50	1.000	-0.04	0.192	0.237
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	26.09	27.00	1.234	50	1.000	-0.05	0.792	0.978
FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0+3	-	DSI 10	Close	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.03	0.760	0.964
FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.03	0.451	0.527
FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.03	0.739	0.864
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	26.18	27.00	1.207	50	1.000	-0.07	0.466	0.563
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	26.18	27.00	1.207	50	1.000	-0.01	0.763	0.921
FR1 n41_PC1.5	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	28.70	30.00	1.349	25	1.000	-0.09	0.735	0.991
FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0+1	-	DSI 3	Open	518598	2592.99	26.04	27.00	1.248	50	1.000	-0.01	0.692	0.864
FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.03	0.158	0.185
FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	26.32	27.00	1.169	50	1.000	0.01	0.795	0.929
FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	29.27	30.00	1.182	25	1.000	-0.09	0.766	0.906
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	26.18	27.00	1.207	50	1.000	-0.03	0.144	0.174
FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	26.18	27.00	1.207	50	1.000	-0.02	0.735	0.887
FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 0+1	-	DSI 10	Close	518598	2592.99	26.04	27.00	1.248	50	1.000	-0.02	0.733	0.915
3G-4G																					
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.76	23.00	1.329	-	-	0.04	0.826	1.098
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.76	23.00	1.329	-	-	-0.1	0.792	1.053
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	338000	3570	21.73	23.00	1.338	-	-	0.09	0.810	1.084
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	345332	3679.98	21.67	23.00	1.358	-	-	0.02	0.790	1.073
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	338000	3570	21.73	23.00	1.338	-	-	-0.02	0.777	1.040
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	345332	3679.98	21.67	23.00	1.358	-	-	-0.03	0.757	1.028
FR1 n48	40M	QPSK	1	1	CP-30	Front	12mm	Ant 4+8	-	DSI 4	Open	341666	3624.99	22.74	24.00	1.337	-	-	-0.03	0.285	0.381
FR1 n48	40M	QPSK	1	1	CP-30	Back	13mm	Ant 4+8	-	DSI 4	Open	341666	3624.99	22.74	24.00	1.337	-	-	0.1	0.214	0.286
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.73	23.00	1.340	-	-	0.1	0.753	1.009
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.73	23.00	1.340	-	-	-0.08	0.746	1.000
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	338000	3570	21.68	23.00	1.354	-	-	-0.04	0.770	1.043
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	345332	3679.98	21.54	23.00	1.398	-	-	-0.06	0.722	1.010
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	338000	3570	21.68	23.00	1.354	-	-	-0.02	0.738	0.999
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	345332	3679.98	21.54	23.00	1.398	-	-	0	0.692	0.968
FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.37	22.50	1.297	-	-	0	0.780	1.011
FR1 n48	40M	QPSK	106	0	CP-30	Back	5mm	Ant 4+8	-	DSI 3	Open	341666	3624.99	21.37	22.50	1.297	-	-	-0.09	0.755	0.979
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	341666	3624.99	22.74	24.00	1.337	-	-	-0.07	0.660	0.883
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+8	-	DSI 10	Close	341666	3624.99	22.74	24.00	1.337	-	-	0.07	0.320	0.428
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	338000	3570	22.71	24.00	1.347	-	-	-0.02	0.810	1.091
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	345332	3679.98	22.66	24.00	1.362	-	-	0.1	0.796	1.084
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	341666	3624.99	22.65	24.00	1.366	-	-	-0.01	0.623	0.851
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+8	-	DSI 10	Close	341666	3624.99	22.65	24.00	1.366	-	-	-0.04	0.306	0.418
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	338000	3570	22.57	24.00	1.391	-	-	0.03	0.770	1.071
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	345332	3679.98	22.54	24.00	1.399	-	-	0	0.716	1.001
FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 4+8	-	DSI 10	Close	341666	3624.99	21.37	22.50	1.297	-	-	0.09	0.601	0.779
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	341666	3624.99	19.69	21.50	1.516	-	-	-0.05	0.734	1.113
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	341666	3624.99	19.69	21.50	1.516	-	-	0.09	0.695	1.054
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	338000	3570	19.64	21.50	1.536	-	-	0.03	0.712	1.093
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	345332	3679.98	19.62	21.50	1.541	-	-	0.1	0.709	1.092
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	338000	3570	19.64	21.50	1.536	-	-	-0.06	0.674	1.035
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	345332	3679.98	19.62	21.50	1.541	-	-	-0.09	0.671	1.034
FR1 n48	40M	QPSK	1	1	CP-30	Front	12mm	Ant 4+6	-	DSI 4	Open	341666	3624.99	22.15	24.00	1.530	-	-	-0.03	0.294	0.450
FR1 n48	40M	QPSK	1	1	CP-30	Back	13mm	Ant 4+6	-	DSI 4	Open	341666	3624.99	22.15	24.00	1.530	-	-	-0.1	0.222	0.340
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	341666	3624.99	19.65	21.50	1.529	-	-	0.01	0.707	1.081
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	341666	3624.99	19.65	21.50	1.529	-	-	0.03	0.643	0.983
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	338000	3570	19.61	21.50	1.545	-	-	0.08	0.683	1.055
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	345332	3679.98	19.59	21.50	1.553	-	-	0.06	0.690	1.071
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	338000	3570	19.61	21.50	1.545	-	-	0.05	0.647	1.000



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	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	645332	3679.98	19.59	21.50	1.553	-	-	0.06	0.653	1.014
	FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 4+6	-	DSI 3	Open	641666	3624.99	19.60	21.50	1.550	-	-	0	0.698	1.082
	FR1 n48	40M	QPSK	106	0	CP-30	Back	5mm	Ant 4+6	-	DSI 3	Open	641666	3624.99	19.60	21.50	1.550	-	-	-0.02	0.672	1.042
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	641666	3624.99	20.69	22.50	1.517	-	-	-0.03	0.750	1.137
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 4+6	-	DSI 10	Close	641666	3624.99	20.69	22.50	1.517	-	-	0.03	0.210	0.318
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	638000	3570	20.59	22.50	1.553	-	-	0.07	0.718	1.115
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	645332	3679.98	20.61	22.50	1.546	-	-	-0.08	0.710	1.098
	FR1 n48	40M	QPSK	1	1	CP-30	Front	16mm	Ant 4+6	-	DSI 4	Close	641666	3624.99	22.15	24.00	1.530	-	-	0.07	0.133	0.203
	FR1 n48	40M	QPSK	1	1	CP-30	Back	22mm	Ant 4+6	-	DSI 4	Close	641666	3624.99	22.15	24.00	1.530	-	-	-0.02	0.062	0.095
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	641666	3624.99	20.64	22.50	1.535	-	-	-0.03	0.726	1.114
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 4+6	-	DSI 10	Close	641666	3624.99	20.64	22.50	1.535	-	-	0.1	0.202	0.310
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	638000	3570	20.57	22.50	1.561	-	-	-0.04	0.653	1.020
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	645332	3679.98	20.58	22.50	1.556	-	-	0	0.661	1.029
	FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 4+6	-	DSI 10	Close	641666	3624.99	20.62	22.50	1.541	-	-	0.02	0.697	1.074
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	21.03	22.50	1.404	-	-	0.03	0.782	1.098
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	21.03	22.50	1.404	-	-	0.09	0.546	0.767
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	638000	3570	20.96	22.50	1.427	-	-	-0.02	0.745	1.063
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	645332	3679.98	20.96	22.50	1.426	-	-	-0.05	0.738	1.052
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	638000	3570	20.96	22.50	1.427	-	-	0.02	0.520	0.742
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	645332	3679.98	20.96	22.50	1.426	-	-	0.06	0.515	0.734
	FR1 n48	40M	QPSK	1	1	CP-30	Front	12mm	Ant 3+8	-	DSI 4	Open	641666	3624.99	22.48	24.00	1.421	-	-	-0.06	0.175	0.249
	FR1 n48	40M	QPSK	1	1	CP-30	Back	13mm	Ant 3+8	-	DSI 4	Open	641666	3624.99	22.48	24.00	1.421	-	-	-0.02	0.203	0.288
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	20.98	22.50	1.419	-	-	0.01	0.733	1.040
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	20.98	22.50	1.419	-	-	0.07	0.529	0.751
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	638000	3570	20.93	22.50	1.437	-	-	0.02	0.712	1.023
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	645332	3679.98	20.91	22.50	1.442	-	-	0.09	0.725	1.045
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	638000	3570	20.93	22.50	1.437	-	-	-0.08	0.497	0.714
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	645332	3679.98	20.91	22.50	1.442	-	-	0.05	0.506	0.730
	FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	20.92	22.50	1.440	-	-	0.08	0.728	1.049
	FR1 n48	40M	QPSK	106	0	CP-30	Back	5mm	Ant 3+8	-	DSI 3	Open	641666	3624.99	20.92	22.50	1.440	-	-	-0.05	0.520	0.749
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	641666	3624.99	21.53	23.00	1.403	-	-	-0.08	0.839	1.177
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+8	-	DSI 10	Close	641666	3624.99	21.53	23.00	1.403	-	-	-0.01	0.336	0.471
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	638000	3570	21.50	23.00	1.414	-	-	-0.04	0.810	1.145
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	645332	3679.98	21.44	23.00	1.432	-	-	-0.03	0.808	1.157
	FR1 n48	40M	QPSK	1	1	CP-30	Front	16mm	Ant 3+8	-	DSI 4	Close	641666	3624.99	22.48	24.00	1.421	-	-	0.01	0.127	0.180
	FR1 n48	40M	QPSK	1	1	CP-30	Back	22mm	Ant 3+8	-	DSI 4	Close	641666	3624.99	22.48	24.00	1.421	-	-	0.1	0.080	0.114
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	641666	3624.99	21.48	23.00	1.419	-	-	-0.02	0.807	1.145
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+8	-	DSI 10	Close	641666	3624.99	21.48	23.00	1.419	-	-	0	0.313	0.444
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	638000	3570	21.40	23.00	1.445	-	-	0.02	0.763	1.103
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	645332	3679.98	21.41	23.00	1.444	-	-	0.08	0.737	1.064
	FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 3+8	-	DSI 10	Close	641666	3624.99	21.12	22.50	1.374	-	-	-0.1	0.803	1.103
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	641666	3624.99	19.70	21.50	1.513	-	-	0.03	0.720	1.089
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	641666	3624.99	19.70	21.50	1.513	-	-	-0.04	0.588	0.890
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	638000	3570	19.63	21.50	1.537	-	-	0.06	0.648	0.996
	FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	645332	3679.98	19.65	21.50	1.530	-	-	0.01	0.643	0.984
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	638000	3570	19.63	21.50	1.537	-	-	0.08	0.518	0.796
	FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	645332	3679.98	19.65	21.50	1.530	-	-	-0.04	0.514	0.787
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	641666	3624.99	19.69	21.50	1.517	-	-	0	0.747	1.133
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	641666	3624.99	19.69	21.50	1.517	-	-	0.01	0.639	0.969
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	638000	3570	19.57	21.50	1.559	-	-	0.1	0.712	1.110
	FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	645332	3679.98	19.61	21.50	1.545	-	-	0.1	0.705	1.089
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	638000	3570	19.57	21.50	1.559	-	-	-0.02	0.569	0.887
	FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	645332	3679.98	19.61	21.50	1.545	-	-	0.04	0.563	0.870
	FR1 n48	40M	QPSK	53	27	CP-30	Front	12mm	Ant 3+6	-	DSI 4	Open	641666	3624.99	22.16	24.00	1.527	-	-	-0.08	0.254	0.388
	FR1 n48	40M	QPSK	53	27	CP-30	Back	13mm	Ant 3+6	-	DSI 4	Open	641666	3624.99	22.16	24.00	1.527	-	-	-0.06	0.221	0.337
	FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 3+6	-	DSI 3	Open	641666	3624.99	19.66	21.50	1.528	-	-	-0.04	0.681	1.041



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FR1 n48	40M	QPSK	106	0	CP-30	Back	5mm	Ant 3+6	-	DSI 3	Open	341666	3624.99	19.66	21.50	1.528	-	-	-0.07	0.575	0.879
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.73	22.50	1.504	-	-	0	0.700	1.052
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.73	22.50	1.504	-	-	0.09	0.469	0.705
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	338000	3570	20.67	22.50	1.522	-	-	-0.07	0.667	1.015
FR1 n48	40M	QPSK	1	1	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	345332	3679.98	20.70	22.50	1.512	-	-	-0.03	0.657	0.993
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	338000	3570	20.67	22.50	1.522	-	-	0.08	0.447	0.681
FR1 n48	40M	QPSK	1	1	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	345332	3679.98	20.70	22.50	1.512	-	-	-0.09	0.440	0.665
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.70	22.50	1.513	-	-	-0.02	0.760	1.150
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.70	22.50	1.513	-	-	0.02	0.504	0.763
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	338000	3570	20.59	22.50	1.551	-	-	-0.05	0.710	1.101
FR1 n48	40M	QPSK	53	27	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	345332	3679.98	20.68	22.50	1.520	-	-	0.07	0.725	1.102
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	338000	3570	20.59	22.50	1.551	-	-	-0.09	0.476	0.738
FR1 n48	40M	QPSK	53	27	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	345332	3679.98	20.68	22.50	1.520	-	-	-0.09	0.486	0.739
FR1 n48	40M	QPSK	53	27	CP-30	Front	16mm	Ant 3+6	-	DSI 4	Close	341666	3624.99	22.16	24.00	1.527	-	-	-0.08	0.138	0.211
FR1 n48	40M	QPSK	53	27	CP-30	Back	22mm	Ant 3+6	-	DSI 4	Close	341666	3624.99	22.16	24.00	1.527	-	-	0.02	0.039	0.060
FR1 n48	40M	QPSK	106	0	CP-30	Front	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.56	22.50	1.561	-	-	-0.06	0.730	1.140
FR1 n48	40M	QPSK	106	0	CP-30	Back	5mm	Ant 3+6	-	DSI 10	Close	341666	3624.99	20.56	22.50	1.561	-	-	-0.07	0.485	0.757
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.23	25.00	1.194	50	1.000	-0.04	0.953	1.138
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.23	25.00	1.194	50	1.000	0.08	0.872	1.041
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	27.15	28.00	1.217	25	1.000	0.07	0.927	1.128
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4+8	-	DSI 4	Open	333332	3499.98	26.22	27.00	1.197	50	1.000	0.06	0.405	0.485
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4+8	-	DSI 4	Open	333332	3499.98	26.22	27.00	1.197	50	1.000	0.03	0.293	0.351
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.20	25.00	1.202	50	1.000	0.07	0.891	1.071
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.20	25.00	1.202	50	1.000	0	0.819	0.985
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.10	25.00	1.230	50	1.000	-0.09	0.883	1.086
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	333332	3499.98	24.10	25.00	1.230	50	1.000	0.07	0.831	1.022
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	25.20	26.00	1.204	50	1.000	0.1	0.916	1.102
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	25.20	26.00	1.204	50	1.000	0.07	0.168	0.202
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	28.15	29.00	1.216	25	1.000	0.03	0.850	1.033
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4+8	-	DSI 4	Close	333332	3499.98	26.22	27.00	1.197	50	1.000	-0.1	0.182	0.218
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4+8	-	DSI 4	Close	333332	3499.98	26.22	27.00	1.197	50	1.000	0.08	0.045	0.054
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	25.19	26.00	1.206	50	1.000	0.08	0.828	0.999
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	25.19	26.00	1.206	50	1.000	-0.09	0.155	0.187
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	333332	3499.98	25.16	26.00	1.215	50	1.000	-0.03	0.835	1.014
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.18	25.00	1.209	50	1.000	0.08	0.926	1.120
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.18	25.00	1.209	50	1.000	-0.02	0.897	1.085
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	27.22	28.00	1.198	25	1.000	-0.1	0.903	1.082
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4+8	-	DSI 4	Open	356000	3840	26.18	27.00	1.208	50	1.000	-0.08	0.363	0.438
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4+8	-	DSI 4	Open	356000	3840	26.18	27.00	1.208	50	1.000	0.06	0.259	0.313
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.15	25.00	1.217	50	1.000	0.09	0.902	1.098
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.15	25.00	1.217	50	1.000	-0.05	0.876	1.067
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.15	25.00	1.217	50	1.000	-0.03	0.873	1.063
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4+8	-	DSI 3	Open	356000	3840	24.15	25.00	1.217	50	1.000	-0.05	0.855	1.041
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	25.15	26.00	1.216	50	1.000	0.01	0.928	1.129
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	25.15	26.00	1.216	50	1.000	0.02	0.315	0.383
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	28.20	29.00	1.202	25	1.000	-0.05	0.880	1.058
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4+8	-	DSI 4	Close	356000	3840	26.18	27.00	1.208	50	1.000	-0.09	0.138	0.167
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4+8	-	DSI 4	Close	356000	3840	26.18	27.00	1.208	50	1.000	0.09	0.055	0.066
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	25.13	26.00	1.223	50	1.000	-0.02	0.884	1.081
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	25.13	26.00	1.223	50	1.000	0.1	0.297	0.363
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+8	-	DSI 10	Close	356000	3840	25.10	26.00	1.232	50	1.000	-0.09	0.876	1.079
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	333332	3499.98	23.74	24.50	1.192	50	1.000	-0.1	0.951	1.134
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	333332	3499.98	23.74	24.50	1.192	50	1.000	0.03	0.926	1.104
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	333332	3499.98	26.74	27.50	1.192	25	1.000	-0.09	0.911	1.086
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4+6	-	DSI 4	Open	333332	3499.98	26.23	27.00	1.194	50	1.000	0	0.504	0.602
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4+6	-	DSI 4	Open	333332	3499.98	26.23	27.00	1.194	50	1.000	0.02	0.368	0.439



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FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	633332	3499.98	23.67	24.50	1.210	50	1.000	0.05	0.902	1.092
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	633332	3499.98	23.67	24.50	1.210	50	1.000	0.05	0.876	1.060
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	633332	3499.98	23.61	24.50	1.227	50	1.000	-0.05	0.876	1.075
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	633332	3499.98	23.61	24.50	1.227	50	1.000	-0.03	0.863	1.059
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	23.27	24.00	1.182	50	1.000	0	0.956	1.130
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	23.27	24.00	1.182	50	1.000	0.01	0.157	0.186
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	26.29	27.00	1.177	25	1.000	0.06	0.923	1.087
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4+6	-	DSI 4	Close	633332	3499.98	26.23	27.00	1.194	50	1.000	0.03	0.268	0.320
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4+6	-	DSI 4	Close	633332	3499.98	26.23	27.00	1.194	50	1.000	-0.02	0.045	0.054
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	23.22	24.00	1.198	50	1.000	-0.01	0.943	1.129
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	23.22	24.00	1.198	50	1.000	0.1	0.151	0.181
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	633332	3499.98	23.10	24.00	1.229	50	1.000	-0.01	0.937	1.152
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.72	24.50	1.197	50	1.000	0.01	1.000	1.197
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.72	24.50	1.197	50	1.000	0.03	0.780	0.933
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	26.83	27.50	1.168	25	1.000	0	0.970	1.133
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 4+6	-	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	0.04	0.446	0.544
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 4+6	-	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	-0.02	0.404	0.492
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.69	24.50	1.206	50	1.000	-0.06	0.955	1.152
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.69	24.50	1.206	50	1.000	0.09	0.702	0.847
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.60	24.50	1.230	50	1.000	-0.07	0.962	1.183
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4+6	-	DSI 3	Open	656000	3840	23.60	24.50	1.230	50	1.000	0.1	0.705	0.867
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.26	24.00	1.186	50	1.000	0.06	0.948	1.124
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.26	24.00	1.186	50	1.000	0.05	0.375	0.445
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	26.35	27.00	1.161	25	1.000	0.06	0.915	1.063
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 4+6	-	DSI 4	Close	656000	3840	26.14	27.00	1.219	50	1.000	-0.05	0.207	0.252
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 4+6	-	DSI 4	Close	656000	3840	26.14	27.00	1.219	50	1.000	0.03	0.016	0.020
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.26	24.00	1.187	50	1.000	0.08	0.930	1.104
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.26	24.00	1.187	50	1.000	0.02	0.354	0.420
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.12	24.00	1.225	50	1.000	-0.03	0.900	1.102
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 4+6	-	DSI 10	Close	656000	3840	23.12	24.00	1.225	50	1.000	0.06	0.326	0.399
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.16	25.00	1.213	50	1.000	-0.01	0.765	0.928
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.16	25.00	1.213	50	1.000	-0.08	0.702	0.851
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	27.15	28.00	1.216	25	1.000	0	0.745	0.906
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3+8	-	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	-0.06	0.215	0.260
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3+8	-	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	0.09	0.253	0.306
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.15	25.00	1.217	50	1.000	0.07	0.722	0.879
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.15	25.00	1.217	50	1.000	-0.01	0.633	0.770
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.08	25.00	1.235	50	1.000	-0.1	0.741	0.915
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	633332	3499.98	24.08	25.00	1.235	50	1.000	0.05	0.637	0.787
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	25.15	26.00	1.215	50	1.000	-0.03	0.780	0.948
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	25.15	26.00	1.215	50	1.000	0.01	0.185	0.225
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	28.16	29.00	1.214	25	1.000	-0.08	0.765	0.929
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3+8	-	DSI 4	Close	633332	3499.98	26.17	27.00	1.210	50	1.000	-0.02	0.231	0.279
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3+8	-	DSI 4	Close	633332	3499.98	26.17	27.00	1.210	50	1.000	0.07	0.018	0.022
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	25.09	26.00	1.232	50	1.000	-0.08	0.736	0.907
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	25.09	26.00	1.232	50	1.000	0	0.168	0.207
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	633332	3499.98	25.03	26.00	1.251	50	1.000	0.09	0.713	0.892
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.24	25.00	1.191	50	1.000	0.06	0.858	1.022
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.24	25.00	1.191	50	1.000	0.05	0.697	0.830
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	27.24	28.00	1.192	25	1.000	-0.04	0.822	0.980
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3+8	-	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	0.01	0.303	0.360
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3+8	-	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	0.04	0.272	0.324
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.21	25.00	1.201	50	1.000	-0.08	0.777	0.933
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.21	25.00	1.201	50	1.000	-0.09	0.660	0.792
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.19	25.00	1.205	50	1.000	0.02	0.765	0.922
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3+8	-	DSI 3	Open	656000	3840	24.19	25.00	1.205	50	1.000	0.09	0.634	0.764



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FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	25.25	26.00	1.188	50	1.000	0.02	1.000	1.188
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	25.25	26.00	1.188	50	1.000	0.04	0.147	0.175
FR1 n77_Part27O_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	28.25	29.00	1.188	25	1.000	0.06	0.950	1.129
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3+8	-	DSI 4	Close	356000	3840	26.25	27.00	1.190	50	1.000	0.1	0.162	0.193
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3+8	-	DSI 4	Close	356000	3840	26.25	27.00	1.190	50	1.000	-0.05	0.017	0.020
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	25.21	26.00	1.201	50	1.000	-0.05	0.942	1.131
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	25.21	26.00	1.201	50	1.000	-0.09	0.140	0.168
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+8	-	DSI 10	Close	356000	3840	25.19	26.00	1.206	50	1.000	-0.01	0.918	1.107
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.68	24.50	1.209	50	1.000	-0.1	0.961	1.162
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.68	24.50	1.209	50	1.000	-0.09	0.915	1.106
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	26.71	27.50	1.201	25	1.000	-0.07	0.926	1.112
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3+6	-	DSI 4	Open	333332	3499.98	26.19	27.00	1.206	50	1.000	-0.09	0.480	0.579
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3+6	-	DSI 4	Open	333332	3499.98	26.19	27.00	1.206	50	1.000	-0.07	0.343	0.414
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.67	24.50	1.212	50	1.000	-0.06	0.942	1.142
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.67	24.50	1.212	50	1.000	0.07	0.823	0.997
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.62	24.50	1.226	50	1.000	0.06	0.926	1.135
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	333332	3499.98	23.62	24.50	1.226	50	1.000	-0.03	0.854	1.047
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	23.20	24.00	1.203	50	1.000	-0.05	0.989	1.190
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	23.20	24.00	1.203	50	1.000	0.04	0.085	0.102
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	26.19	27.00	1.206	25	1.000	-0.06	0.922	1.112
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3+6	-	DSI 4	Close	333332	3499.98	26.19	27.00	1.206	50	1.000	0.07	0.249	0.300
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3+6	-	DSI 4	Close	333332	3499.98	26.19	27.00	1.206	50	1.000	0	0.018	0.022
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	23.19	24.00	1.206	50	1.000	-0.07	0.894	1.078
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	23.19	24.00	1.206	50	1.000	-0.1	0.082	0.099
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	333332	3499.98	23.14	24.00	1.220	50	1.000	-0.05	0.936	1.142
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.76	24.50	1.187	50	1.000	0	0.928	1.102
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.76	24.50	1.187	50	1.000	0.03	0.913	1.084
FR1 n77_Part27O_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	26.80	27.50	1.176	25	1.000	0.04	0.892	1.049
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	12mm	Ant 3+6	-	DSI 4	Open	356000	3840	26.26	27.00	1.186	50	1.000	0	0.436	0.517
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	13mm	Ant 3+6	-	DSI 4	Open	356000	3840	26.26	27.00	1.186	50	1.000	-0.08	0.323	0.383
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.74	24.50	1.191	50	1.000	-0.03	0.870	1.036
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.74	24.50	1.191	50	1.000	-0.07	0.840	1.001
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.68	24.50	1.208	50	1.000	-0.06	0.848	1.024
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Back	5mm	Ant 3+6	-	DSI 3	Open	356000	3840	23.68	24.50	1.208	50	1.000	0	0.826	0.997
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	23.27	24.00	1.184	50	1.000	-0.08	0.655	0.776
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	23.27	24.00	1.184	50	1.000	0.07	0.088	0.104
FR1 n77_Part27O_PC1.5	100M	QPSK	1	1	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	26.28	27.00	1.182	25	1.000	0.1	0.633	0.748
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Front	16mm	Ant 3+6	-	DSI 4	Close	356000	3840	26.26	27.00	1.186	50	1.000	0.06	0.218	0.258
FR1 n77_Part27O_PC2	100M	QPSK	1	1	DFT-30	Back	22mm	Ant 3+6	-	DSI 4	Close	356000	3840	26.26	27.00	1.186	50	1.000	0.09	0.017	0.020
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	23.25	24.00	1.188	50	1.000	0.09	0.618	0.734
FR1 n77_Part27O_PC2	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	23.25	24.00	1.188	50	1.000	0	0.085	0.101
FR1 n77_Part27O_PC2	100M	QPSK	270	0	DFT-30	Front	5mm	Ant 3+6	-	DSI 10	Close	356000	3840	23.19	24.00	1.205	50	1.000	-0.1	0.603	0.726



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	EUT Flip 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)
2450 MHz																		
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 3	Open	39	2441	17.69	19.00	1.352	77.07	1.298	0.1	0.562	0.986
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 7	-	DSI 3	Open	39	2441	17.69	19.00	1.352	77.07	1.298	0.02	0.500	0.877
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 3	Open	0	2402	16.85	18.50	1.462	77.07	1.298	-0.07	0.572	1.086
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 3	Open	78	2480	16.37	18.00	1.455	77.07	1.298	0.05	0.563	1.064
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 7	-	DSI 3	Open	0	2402	16.85	18.50	1.462	77.07	1.298	0.08	0.502	0.953
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 7	-	DSI 3	Open	78	2480	16.37	18.00	1.455	77.07	1.298	-0.01	0.497	0.939
	Bluetooth	DH5 1Mbps	Front	12mm	Ant 7	-	DSI 4	Open	0	2402	18.50	20.00	1.413	77.07	1.298	0.07	0.189	0.347
	Bluetooth	DH5 1Mbps	Back	13mm	Ant 7	-	DSI 4	Open	0	2402	18.50	20.00	1.413	77.07	1.298	-0.03	0.139	0.255
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 10	Close	39	2441	17.69	19.00	1.352	77.07	1.298	-0.05	0.484	0.849
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 7	-	DSI 10	Close	39	2441	17.69	19.00	1.352	77.07	1.298	0.03	0.137	0.240
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 10	Close	0	2402	16.85	18.50	1.462	77.07	1.298	-0.02	0.503	0.955
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 7	-	DSI 10	Close	78	2480	16.37	18.00	1.455	77.07	1.298	0.01	0.458	0.865
	Bluetooth	DH5 1Mbps	Front	16mm	Ant 7	-	DSI 4	Close	0	2402	18.50	20.00	1.413	77.07	1.298	0.01	0.086	0.158
	Bluetooth	DH5 1Mbps	Back	22mm	Ant 7	-	DSI 4	Close	39	2441	18.90	20.50	1.445	77.07	1.298	0.06	0.009	0.017
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 3	Open	39	2441	18.10	19.50	1.380	77.07	1.298	0.06	0.551	0.987
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 5	-	DSI 3	Open	39	2441	18.10	19.50	1.380	77.07	1.298	0.09	0.461	0.826
94	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 3	Open	0	2402	17.30	19.00	1.479	77.07	1.298	0.04	0.576	1.106
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 3	Open	78	2480	17.50	19.00	1.413	77.07	1.298	0.02	0.549	1.007
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 5	-	DSI 3	Open	0	2402	17.30	19.00	1.479	77.07	1.298	-0.09	0.488	0.937
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 5	-	DSI 3	Open	78	2480	17.50	19.00	1.413	77.07	1.298	0.05	0.452	0.829
	Bluetooth	DH5 1Mbps	Front	12mm	Ant 5	-	DSI 4	Open	0	2402	18.50	20.00	1.413	77.07	1.298	0.02	0.148	0.271
	Bluetooth	DH5 1Mbps	Back	13mm	Ant 5	-	DSI 4	Open	0	2402	18.50	20.00	1.413	77.07	1.298	0.04	0.120	0.220
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 10	Close	39	2441	19.00	20.50	1.413	77.07	1.298	0.03	0.565	1.036
	Bluetooth	DH5 1Mbps	Back	5mm	Ant 5	-	DSI 10	Close	39	2441	19.00	20.50	1.413	77.07	1.298	-0.09	0.076	0.139
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 10	Close	0	2402	18.50	20.00	1.413	77.07	1.298	0.09	0.537	0.985
	Bluetooth	DH5 1Mbps	Front	5mm	Ant 5	-	DSI 10	Close	78	2480	18.40	20.00	1.445	77.07	1.298	-0.06	0.576	1.081
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 3	Open	1	2412	19.23	20.50	1.340	98.53	1.015	-0.06	0.819	1.114
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+5	-	DSI 3	Open	1	2412	19.23	20.50	1.340	98.53	1.015	0.01	0.722	0.982
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 3	Open	6	2437	18.97	20.50	1.422	98.53	1.015	0.06	0.810	1.169
95	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 3	Open	11	2462	19.17	20.50	1.358	98.53	1.015	0.08	0.864	1.191
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+5	-	DSI 3	Open	6	2437	18.97	20.50	1.422	98.53	1.015	-0.01	0.706	1.019
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+5	-	DSI 3	Open	11	2462	19.17	20.50	1.358	98.53	1.015	0.05	0.737	1.016
	WLAN2.4GHz	802.11b 1Mbps	Front	12mm	Ant 7+5(7)	-	DSI 4	Open	11	2462	20.54	22.50	1.570	98.53	1.015	-0.08	0.726	1.157
	WLAN2.4GHz	802.11b 1Mbps	Back	13mm	Ant 7+5(5)	-	DSI 4	Open	6	2437	20.66	22.50	1.528	98.53	1.015	-0.07	0.536	0.831
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 10	Close	1	2412	19.96	21.50	1.426	98.53	1.015	-0.02	0.748	1.082
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+5	-	DSI 10	Close	1	2412	19.96	21.50	1.426	98.53	1.015	-0.07	0.190	0.275
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 10	Close	6	2437	19.70	21.50	1.514	98.53	1.015	-0.06	0.735	1.129
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+5	-	DSI 10	Close	11	2462	19.76	21.50	1.493	98.53	1.015	0.04	0.782	1.185
	WLAN2.4GHz	802.11b 1Mbps	Front	16mm	Ant 7+5(7)	-	DSI 4	Close	11	2462	20.54	22.50	1.570	98.53	1.015	0.07	0.329	0.524
	WLAN2.4GHz	802.11b 1Mbps	Back	22mm	Ant 7+5(7)	-	DSI 4	Close	1	2412	20.62	22.50	1.542	98.53	1.015	0.1	0.102	0.160
	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	54	5270	20.98	22.50	1.419	100	1.000	-0.05	0.675	0.958
	WLAN 5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	54	5270	20.98	22.50	1.419	100	1.000	-0.1	0.746	1.059
	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	62	5310	19.82	21.00	1.311	100	1.000	-0.07	0.626	0.821
	WLAN 5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	62	5310	19.82	21.00	1.311	100	1.000	-0.01	0.706	0.926
	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	12mm	Ant 7+5(7)	-	DSI 4	Open	54	5270	18.22	20.00	1.505	100	1.000	-0.1	0.185	0.278
	WLAN 5.3GHz	802.11n-HT40 MCS0	Back	13mm	Ant 7+5(7)	-	DSI 4	Open	54	5270	18.22	20.00	1.505	100	1.000	-0.01	0.207	0.312
96	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 10	Close	54	5270	20.98	22.50	1.419	100	1.000	-0.02	0.827	1.174
	WLAN 5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 10	Close	54	5270	20.98	22.50	1.419	100	1.000	0.02	0.134	0.190
	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 10	Close	62	5310	19.82	21.00	1.311	100	1.000	-0.02	0.702	0.921
	WLAN 5.3GHz	802.11n-HT40 MCS0	Front	16mm	Ant 7+5(7)	-	DSI 4	Close	54	5270	18.22	20.00	1.505	100	1.000	-0.06	0.182	0.274
	WLAN 5.3GHz	802.11n-HT40 MCS0	Back	22mm	Ant 7+5(7)	-	DSI 4	Close	54	5270	18.22	20.00	1.505	100	1.000	0.01	0.021	0.032



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	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	134	5670	21.12	22.50	1.374	100	1.000	-0.1	0.788	1.083
97	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	134	5670	21.12	22.50	1.374	100	1.000	0.08	0.838	1.151
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	102	5510	20.87	22.50	1.457	100	1.000	0.02	0.635	0.925
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	110	5550	20.83	22.50	1.469	100	1.000	0.05	0.612	0.899
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	126	5630	20.75	22.50	1.496	100	1.000	0.01	0.596	0.892
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	142	5710	20.76	22.50	1.493	100	1.000	0.08	0.622	0.929
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	102	5510	20.87	22.50	1.457	100	1.000	0.02	0.773	1.126
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	110	5550	20.83	22.50	1.469	100	1.000	-0.03	0.745	1.094
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	126	5630	20.75	22.50	1.496	100	1.000	-0.03	0.709	1.061
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	142	5710	20.76	22.50	1.493	100	1.000	0.04	0.756	1.129
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	12mm	Ant 7+5(7)	-	DSI 4	Open	134	5670	18.24	20.00	1.498	100	1.000	0.04	0.287	0.430
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	13mm	Ant 7+5(7)	-	DSI 4	Open	134	5670	18.24	20.00	1.498	100	1.000	-0.05	0.250	0.375
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	134	5670	18.24	20.00	1.498	100	1.000	0.04	0.751	1.125
	WLAN 5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(7)	-	DSI 10	Close	134	5670	18.24	20.00	1.498	100	1.000	-0.1	0.208	0.312
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	102	5510	17.57	19.50	1.558	100	1.000	-0.06	0.658	1.025
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	110	5550	18.18	20.00	1.519	100	1.000	0.08	0.635	0.965
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	126	5630	18.12	20.00	1.542	100	1.000	0.04	0.728	1.122
	WLAN 5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	142	5710	18.17	20.00	1.523	100	1.000	-0.09	0.712	1.084
	WLAN 5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	151	5755	20.78	22.00	1.324	100	1.000	0.02	0.797	1.056
	WLAN 5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	151	5755	20.78	22.00	1.324	100	1.000	0.02	0.822	1.089
	WLAN 5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	-	DSI 3	Open	159	5795	20.66	22.00	1.361	100	1.000	-0.01	0.768	1.046
98	WLAN 5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5	-	DSI 3	Open	159	5795	20.66	22.00	1.361	100	1.000	0.07	0.851	1.159
	WLAN 5.8GHz	802.11n-HT40 MCS0	Front	12mm	Ant 7+5(7)	-	DSI 4	Open	151	5755	18.14	19.50	1.366	100	1.000	0.03	0.273	0.373
	WLAN 5.8GHz	802.11n-HT40 MCS0	Back	13mm	Ant 7+5(7)	-	DSI 4	Open	159	5795	18.03	19.50	1.401	100	1.000	-0.07	0.250	0.350
	WLAN 5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	151	5755	18.14	19.50	1.366	100	1.000	0.06	0.715	0.977
	WLAN 5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(7)	-	DSI 10	Close	151	5755	18.14	19.50	1.366	100	1.000	0.09	0.200	0.273
	WLAN 5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	DSI 10	Close	159	5795	18.03	19.50	1.401	100	1.000	-0.03	0.701	0.982



16.4 Product specific 10g SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip 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)
1750 MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	1413	1732.6	23.40	24.00	1.148	-	-	-0.15	1.860	2.136
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	DSI 6/9	Open	1413	1732.6	23.40	24.00	1.148	-	-	-0.05	1.310	1.504
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	1312	1712.4	23.40	24.00	1.148	-	-	0.08	1.410	1.619
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	1513	1752.6	23.40	24.00	1.148	-	-	0.11	1.800	2.067
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 5/6	Open	1413	1732.6	23.73	24.00	1.064	-	-	0.02	1.780	1.894
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 5/6	Open	1413	1732.6	23.73	24.00	1.064	-	-	-0.05	1.220	1.298
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 5/6	Open	1413	1732.6	23.73	24.00	1.064	-	-	-0.14	1.890	2.011
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 5/6	Open	1312	1712.4	23.55	24.00	1.109	-	-	-0.01	1.920	2.130
99	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 5/6	Open	1513	1752.6	23.55	24.00	1.109	-	-	0.07	2.160	2.396
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132322	1745	23.55	24.00	1.109	-	-	0.16	1.830	2.030
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	132322	1745	23.55	24.00	1.109	-	-	0.07	1.250	1.386
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132072	1720	23.47	24.00	1.130	-	-	0.06	2.050	2.316
	LTE Band 66C	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132072+132270	1720+1739.8	23.40	24.00	1.148	-	-	0.1	1.780	2.044
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132572	1770	23.43	24.00	1.140	-	-	0	1.430	1.631
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132322	1745	22.53	23.00	1.114	-	-	-0.03	1.570	1.749
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	132322	1745	22.53	23.00	1.114	-	-	-0.08	1.020	1.137
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132072	1720	22.48	23.00	1.127	-	-	0.1	1.710	1.928
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132572	1770	22.47	23.00	1.130	-	-	-0.01	1.330	1.503
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6/9	Open	132322	1745	22.47	23.00	1.130	-	-	0.07	1.660	1.875
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	132322	1745	23.42	24.00	1.143	-	-	0.06	1.500	1.714
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132322	1745	23.42	24.00	1.143	-	-	-0.06	2.100	2.400
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132072	1720	23.39	24.00	1.151	-	-	0.13	2.210	2.543
	LTE Band 66C	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132072+132270	1720+1739.8	23.31	24.00	1.172	-	-	-0.05	1.910	2.239
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132572	1770	23.40	24.00	1.148	-	-	-0.08	2.190	2.514
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	132322	1745	22.42	23.00	1.143	-	-	0.16	1.190	1.360
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132322	1745	22.42	23.00	1.143	-	-	0.06	1.820	2.080
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132072	1720	22.41	23.00	1.146	-	-	0.16	1.780	2.039
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132572	1770	22.38	23.00	1.153	-	-	-0.01	1.750	2.019
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	132322	1745	22.37	23.00	1.156	-	-	-0.12	1.800	2.081
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	132322	1745	23.20	24.00	1.202	-	-	-0.08	1.610	1.936
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132322	1745	23.20	24.00	1.202	-	-	-0.16	1.750	2.104
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	132322	1745	23.20	24.00	1.202	-	-	-0.1	1.520	1.827
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132072	1720	23.16	24.00	1.213	-	-	-0.05	1.760	2.136
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132572	1770	23.18	24.00	1.208	-	-	-0.13	2.080	2.512
	LTE Band 66C	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132572+132374	1770+1750.2	23.13	24.00	1.222	-	-	0.02	1.830	2.236
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	132322	1745	22.21	23.00	1.199	-	-	-0.06	1.330	1.595
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132322	1745	22.21	23.00	1.199	-	-	-0.14	1.460	1.751
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	132322	1745	22.21	23.00	1.199	-	-	-0.05	1.210	1.451
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132072	1720	22.18	23.00	1.208	-	-	0.03	1.430	1.727
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132572	1770	22.20	23.00	1.202	-	-	-0.16	1.710	2.056
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 5/6	Open	132322	1745	22.13	23.00	1.222	-	-	0.12	1.510	1.845
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	132322	1745	23.05	24.00	1.245	-	-	0.04	2.190	2.725
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	132322	1745	23.05	24.00	1.245	-	-	0.16	1.300	1.618
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132322	1745	23.05	24.00	1.245	-	-	-0.11	2.140	2.663
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132072	1720	22.90	24.00	1.288	-	-	-0.12	2.160	2.783
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132572	1770	22.94	24.00	1.276	-	-	-0.12	1.860	2.374
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	132072	1720	22.90	24.00	1.288	-	-	0.13	2.110	2.718



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100	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	132572	1770	22.94	24.00	1.276	-	-	0.01	2.380	3.038
	LTE Band 66C	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	132572+ 132374	1770+ 1750.2	22.73	24.00	1.340	-	-	-0.11	2.080	2.787
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	132322	1745	22.00	23.00	1.259	-	-	-0.09	1.960	2.467
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 5	Open	132322	1745	22.00	23.00	1.259	-	-	0.05	1.160	1.460
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132322	1745	22.00	23.00	1.259	-	-	-0.04	1.910	2.405
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132072	1720	21.99	23.00	1.262	-	-	-0.11	1.930	2.435
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132572	1770	21.97	23.00	1.268	-	-	-0.12	1.660	2.104
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	132072	1720	21.99	23.00	1.262	-	-	0	1.880	2.372
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	132572	1770	21.97	23.00	1.268	-	-	-0.02	2.120	2.687
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 3	DSI 5	Open	132322	1745	21.92	23.00	1.282	-	-	-0.01	1.870	2.398
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 5	Open	132322	1745	21.92	23.00	1.282	-	-	-0.02	1.730	2.218
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	349000	1745	23.00	24.00	1.259	-	-	0.04	1.090	1.372
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	349000	1745	23.00	24.00	1.259	-	-	0.04	0.544	0.685
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	349000	1745	22.90	24.00	1.288	-	-	-0.02	0.953	1.228
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	349000	1745	22.90	24.00	1.288	-	-	0.08	0.482	0.621
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.06	24.00	1.242	-	-	0.15	1.410	1.751
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.06	24.00	1.242	-	-	0.09	2.260	2.806
	FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.06	24.00	1.242	-	-	0	1.740	2.160
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.05	24.00	1.245	-	-	-0.01	1.470	1.829
101	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.05	24.00	1.245	-	-	0.14	2.450	3.049
	FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	349000	1745	23.05	24.00	1.245	-	-	0.03	1.860	2.315
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	349000	1745	22.97	24.00	1.268	-	-	0.11	2.250	2.852
	FR1 n66	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	349000	1745	22.97	24.00	1.268	-	-	0.03	1.900	2.409
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.44	24.00	1.138	-	-	-0.11	1.790	2.036
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.44	24.00	1.138	-	-	-0.15	1.910	2.173
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.44	24.00	1.138	-	-	-0.02	2.210	2.514
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.40	24.00	1.148	-	-	0.1	1.850	2.124
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.40	24.00	1.148	-	-	-0.16	1.930	2.216
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	349000	1745	23.40	24.00	1.148	-	-	0.03	2.340	2.687
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	349000	1745	22.35	23.00	1.161	-	-	-0.02	1.690	1.963
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	349000	1745	22.35	23.00	1.161	-	-	-0.15	1.870	2.172
	FR1 n66	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	349000	1745	22.35	23.00	1.161	-	-	-0.16	2.190	2.544
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 3	DSI 5	Open	349000	1745	23.02	24.00	1.253	-	-	0	1.700	2.130
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 3	DSI 5	Open	349000	1745	23.02	24.00	1.253	-	-	-0.02	1.310	1.642
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	349000	1745	23.02	24.00	1.253	-	-	0.11	1.820	2.281
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 3	DSI 5	Open	349000	1745	22.99	24.00	1.262	-	-	0.07	1.760	2.221
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 3	DSI 5	Open	349000	1745	22.99	24.00	1.262	-	-	-0.1	1.350	1.703
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	349000	1745	22.99	24.00	1.262	-	-	0.11	1.970	2.486
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 3	DSI 5	Open	349000	1745	22.05	23.00	1.245	-	-	-0.13	1.670	2.078
	FR1 n66	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	349000	1745	22.05	23.00	1.245	-	-	-0.11	1.810	2.253
	FR1 n70	15M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	340500	1702.5	23.70	24.00	1.072	-	-	-0.06	1.340	1.436
	FR1 n70	15M	QPSK	36	22	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	340500	1702.5	23.66	24.00	1.081	-	-	-0.01	1.380	1.492
	FR1 n70	15M	QPSK	1	1	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.42	24.00	1.143	-	-	-0.04	2.000	2.286
	FR1 n70	15M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.42	24.00	1.143	-	-	-0.11	1.900	2.171
	FR1 n70	15M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.42	24.00	1.143	-	-	0.1	2.680	3.063
	FR1 n70	15M	QPSK	36	22	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.37	24.00	1.156	-	-	-0.13	2.210	2.555
	FR1 n70	15M	QPSK	36	22	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.37	24.00	1.156	-	-	0.13	2.130	2.463
102	FR1 n70	15M	QPSK	36	22	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.37	24.00	1.156	-	-	0.03	2.760	3.191
	FR1 n70	15M	QPSK	75	0	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	22.48	23.00	1.127	-	-	-0.06	2.060	2.322
	FR1 n70	15M	QPSK	75	0	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	22.48	23.00	1.127	-	-	-0.07	1.980	2.232
	FR1 n70	15M	QPSK	75	0	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	22.48	23.00	1.127	-	-	-0.1	2.570	2.897
	FR1 n70	15M	QPSK	1	1	DFT-15	Front	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.80	23.50	1.175	-	-	-0.06	2.150	2.526
	FR1 n70	15M	QPSK	1	1	DFT-15	Back	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.80	23.50	1.175	-	-	0.08	1.910	2.244
	FR1 n70	15M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.80	23.50	1.175	-	-	0.11	2.620	3.078
	FR1 n70	15M	QPSK	1	1	DFT-15	Front	11mm	Ant 3	DSI 4	Open	340500	1702.5	23.35	24.00	1.161	-	-	-0.09	0.259	0.301
	FR1 n70	15M	QPSK	1	1	DFT-15	Back	9mm	Ant 3	DSI 4	Open	340500	1702.5	23.35	24.00	1.161	-	-	0.04	0.364	0.423



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	FR1 n70	15M	QPSK	1	1	DFT-15	Top Side	14mm	Ant 3	DSI 4	Open	340500	1702.5	23.35	24.00	1.161	-	-	0.14	0.270	0.314
	FR1 n70	15M	QPSK	36	22	DFT-15	Front	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.70	23.50	1.202	-	-	0.04	2.010	2.417
	FR1 n70	15M	QPSK	36	22	DFT-15	Back	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.70	23.50	1.202	-	-	0.16	1.800	2.164
	FR1 n70	15M	QPSK	36	22	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.70	23.50	1.202	-	-	-0.1	2.500	3.006
	FR1 n70	15M	QPSK	75	0	DFT-15	Front	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.48	23.00	1.127	-	-	0.11	2.060	2.322
	FR1 n70	15M	QPSK	75	0	DFT-15	Back	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.48	23.00	1.127	-	-	-0.01	1.890	2.130
	FR1 n70	15M	QPSK	75	0	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	340500	1702.5	22.48	23.00	1.127	-	-	-0.13	2.260	2.547
1900 MHz																					
103	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	0mm	Ant 2	DSI 5/6	Open	512	1850.2	25.16	25.80	1.159	-	-	0	0.973	1.127
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Back	0mm	Ant 2	DSI 5/6	Open	512	1850.2	25.16	25.80	1.159	-	-	0.03	0.822	0.953
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Left Side	0mm	Ant 2	DSI 5/6	Open	512	1850.2	25.16	25.80	1.159	-	-	-0.05	0.878	1.017
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	0mm	Ant 2	DSI 5/6	Open	661	1880	24.70	25.80	1.288	-	-	0.09	0.850	1.095
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	0mm	Ant 2	DSI 5/6	Open	810	1909.8	25.09	25.80	1.178	-	-	0.16	0.900	1.060
104	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	9400	1880	23.10	24.00	1.230	-	-	0.05	2.400	2.953
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	DSI 6/9	Open	9400	1880	23.10	24.00	1.230	-	-	-0.01	1.170	1.439
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	9262	1852.4	23.08	24.00	1.236	-	-	-0.02	2.120	2.620
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6/9	Open	9538	1907.6	22.97	24.00	1.268	-	-	0.15	2.300	2.916
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 5/6	Open	9262	1852.4	23.67	24.00	1.079	-	-	0.03	2.180	2.352
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 5/6	Open	9262	1852.4	23.67	24.00	1.079	-	-	0.05	1.660	1.791
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 5/6	Open	9262	1852.4	23.67	24.00	1.079	-	-	0.09	1.710	1.845
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 5/6	Open	9400	1880	23.52	24.00	1.117	-	-	0.12	1.880	2.100
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 5/6	Open	9538	1907.6	23.62	24.00	1.091	-	-	0.03	1.900	2.074
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26590	1905	23.85	24.00	1.035	-	-	-0.15	2.410	2.495
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	26590	1905	23.85	24.00	1.035	-	-	0.12	0.752	0.778
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26140	1860	23.75	24.00	1.059	-	-	-0.05	2.450	2.595
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26340	1880	23.77	24.00	1.054	-	-	-0.06	2.170	2.288
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26590	1905	22.73	23.00	1.064	-	-	-0.16	1.570	1.671
	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	26590	1905	22.73	23.00	1.064	-	-	-0.15	0.685	0.729
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26140	1860	22.63	23.00	1.089	-	-	-0.14	1.810	1.971
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26340	1880	22.69	23.00	1.074	-	-	-0.06	1.560	1.675
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6/9	Open	26590	1905	22.67	23.00	1.079	-	-	0.04	1.450	1.564
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6/9	Open	26590	1905	23.77	24.00	1.054	-	-	0.12	1.880	1.982
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26590	1905	23.77	24.00	1.054	-	-	0.16	2.380	2.509
105	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26590	1905	23.77	24.00	1.054	-	-	0.01	2.650	2.794
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26140	1860	23.74	24.00	1.062	-	-	0	2.600	2.760
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26340	1880	23.76	24.00	1.057	-	-	-0.12	2.580	2.727
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26140	1860	23.74	24.00	1.062	-	-	-0.12	2.290	2.431
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26340	1880	23.76	24.00	1.057	-	-	0.04	2.450	2.589
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSI 6/9	Open	26590	1905	22.75	23.00	1.059	-	-	-0.01	1.490	1.578
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26590	1905	22.75	23.00	1.059	-	-	-0.04	1.920	2.034
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26590	1905	22.75	23.00	1.059	-	-	0.05	2.120	2.246
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26140	1860	22.69	23.00	1.074	-	-	-0.07	2.070	2.223
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26340	1880	22.65	23.00	1.084	-	-	0.09	2.090	2.265
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26140	1860	22.69	23.00	1.074	-	-	0.04	1.830	1.965
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26340	1880	22.65	23.00	1.084	-	-	0.08	1.970	2.135
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSI 6/9	Open	26590	1905	22.66	23.00	1.081	-	-	0.04	1.790	1.936
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26590	1905	22.66	23.00	1.081	-	-	0.11	1.870	2.022
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26590	1905	23.10	24.00	1.230	-	-	0.13	2.030	2.497
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	26590	1905	23.10	24.00	1.230	-	-	-0.16	1.440	1.772
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	26590	1905	23.10	24.00	1.230	-	-	-0.03	1.720	2.116
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	26140	1860	22.98	24.00	1.265	-	-	0.09	1.420	1.796
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	26340	1880	23.06	24.00	1.242	-	-	0.01	1.590	1.974



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	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26140	1860	22.98	24.00	1.265	-	-	0.05	1.750	2.213
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26340	1880	23.06	24.00	1.242	-	-	-0.1	1.870	2.322
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26590	1905	22.28	23.00	1.180	-	-	-0.16	1.960	2.313
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	26590	1905	22.28	23.00	1.180	-	-	0.01	1.480	1.747
	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	26590	1905	22.28	23.00	1.180	-	-	0.05	1.630	1.924
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26140	1860	22.05	23.00	1.245	-	-	-0.16	1.710	2.128
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26340	1880	22.06	23.00	1.242	-	-	0.05	1.860	2.309
	LTE Band 25	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 5/6	Open	26590	1905	22.28	23.00	1.180	-	-	-0.14	1.880	2.219
	LTE Band 25	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	26590	1905	22.28	23.00	1.180	-	-	-0.07	1.580	1.865
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	26590	1905	23.13	24.00	1.222	-	-	-0.01	1.580	1.930
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	26590	1905	23.13	24.00	1.222	-	-	-0.07	0.976	1.192
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26590	1905	23.13	24.00	1.222	-	-	0.09	1.680	2.053
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26140	1860	23.04	24.00	1.247	-	-	0.01	1.830	2.283
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26340	1880	22.96	24.00	1.271	-	-	-0.01	1.910	2.427
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	26590	1905	22.12	23.00	1.225	-	-	0.08	1.520	1.861
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 5	Open	26590	1905	22.12	23.00	1.225	-	-	-0.02	0.962	1.178
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26590	1905	22.12	23.00	1.225	-	-	0.08	1.670	2.045
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26140	1860	22.05	23.00	1.245	-	-	0.05	1.730	2.153
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26340	1880	21.97	23.00	1.268	-	-	0.14	1.880	2.383
	LTE Band 25	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 5	Open	26590	1905	22.12	23.00	1.225	-	-	0.06	1.630	1.996
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.50	24.00	1.122	-	-	0.06	1.760	1.975
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.50	24.00	1.122	-	-	-0.06	0.822	0.922
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.50	24.00	1.122	-	-	0.08	1.470	1.649
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.44	24.00	1.138	-	-	-0.13	1.710	1.945
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.44	24.00	1.138	-	-	-0.03	0.805	0.916
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 0	DSI 6/9	Open	376500	1882.5	23.44	24.00	1.138	-	-	0	1.390	1.581
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.40	24.00	1.148	-	-	-0.16	1.680	1.929
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.40	24.00	1.148	-	-	-0.01	2.090	2.400
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.40	24.00	1.148	-	-	0.14	2.200	2.526
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.33	24.00	1.167	-	-	-0.08	1.600	1.867
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.33	24.00	1.167	-	-	-0.15	1.890	2.205
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	23.33	24.00	1.167	-	-	-0.09	2.070	2.415
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	22.42	23.00	1.143	-	-	0.02	1.760	2.011
	FR1 n25	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	376500	1882.5	22.42	23.00	1.143	-	-	-0.16	1.940	2.217
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.77	23.50	1.183	-	-	-0.06	2.350	2.780
106	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.77	23.50	1.183	-	-	0.12	2.500	2.958
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.77	23.50	1.183	-	-	-0.14	1.730	2.047
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	11mm	Ant 2	DSI 4	Open	376500	1882.5	23.25	24.00	1.189	-	-	0.04	0.507	0.603
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	DSI 4	Open	376500	1882.5	23.25	24.00	1.189	-	-	0.02	0.448	0.532
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	18mm	Ant 2	DSI 4	Open	376500	1882.5	23.25	24.00	1.189	-	-	0.03	0.321	0.382
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.67	23.50	1.211	-	-	-0.08	2.250	2.724
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.67	23.50	1.211	-	-	0.12	2.410	2.918
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.67	23.50	1.211	-	-	-0.13	1.560	1.889
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.27	23.00	1.183	-	-	-0.16	2.100	2.484
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.27	23.00	1.183	-	-	-0.14	2.170	2.567
	FR1 n25	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	376500	1882.5	22.27	23.00	1.183	-	-	0.04	1.400	1.656
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.99	24.00	1.262	-	-	-0.08	1.910	2.410
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.99	24.00	1.262	-	-	0.09	1.820	2.297
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.99	24.00	1.262	-	-	-0.05	0.803	1.013
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.99	24.00	1.262	-	-	-0.01	2.000	2.524
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.88	24.00	1.294	-	-	-0.02	1.780	2.304
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.88	24.00	1.294	-	-	-0.06	1.650	2.135
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.88	24.00	1.294	-	-	0.04	0.707	0.915
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	376500	1882.5	22.88	24.00	1.294	-	-	0.11	1.810	2.342
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 3	DSI 5	Open	376500	1882.5	21.93	23.00	1.279	-	-	0.11	1.760	2.252
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 3	DSI 5	Open	376500	1882.5	21.93	23.00	1.279	-	-	-0.03	1.640	2.098



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	FR1 n25	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	376500	1882.5	21.93	23.00	1.279	-	-	-0.12	1.870	2.392
2300 MHz																					
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.26	23.50	1.330	-	-	0.07	1.390	1.849
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.26	23.50	1.330	-	-	-0.16	1.940	2.581
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.26	23.50	1.330	-	-	0.14	1.730	2.302
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.26	23.50	1.330	-	-	0.16	2.280	3.033
	LTE Band 30	10M	QPSK	1	0	-	Front	6mm	Ant 1	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	-0.1	0.382	0.464
	LTE Band 30	10M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	-0.16	0.281	0.341
	LTE Band 30	10M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	0	0.422	0.512
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	11mm	Ant 1	DSI 4	Open	27710	2310	23.16	24.00	1.213	-	-	0.08	0.370	0.449
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.19	23.00	1.205	-	-	-0.02	1.420	1.711
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.19	23.00	1.205	-	-	0.09	1.840	2.217
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.19	23.00	1.205	-	-	0.06	1.690	2.037
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.19	23.00	1.205	-	-	0.09	2.240	2.699
	LTE Band 30	10M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.11	23.00	1.227	-	-	0.04	1.780	2.185
	LTE Band 30	10M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.11	23.00	1.227	-	-	-0.13	1.620	1.988
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	27710	2310	22.11	23.00	1.227	-	-	0.11	2.090	2.565
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.40	23.50	1.288	-	-	-0.07	1.500	1.932
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.40	23.50	1.288	-	-	0.02	1.440	1.855
	LTE Band 30	10M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.40	23.50	1.288	-	-	-0.13	2.280	2.937
	LTE Band 30	10M	QPSK	1	0	-	Front	11mm	Ant 2	DSI 4	Open	27710	2310	23.20	24.00	1.202	-	-	-0.04	0.289	0.347
	LTE Band 30	10M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	Open	27710	2310	23.20	24.00	1.202	-	-	-0.08	0.301	0.362
	LTE Band 30	10M	QPSK	1	0	-	Left Side	18mm	Ant 2	DSI 4	Open	27710	2310	23.20	24.00	1.202	-	-	0.1	0.183	0.220
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.21	23.00	1.199	-	-	0.08	1.370	1.643
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.21	23.00	1.199	-	-	0.08	1.320	1.583
	LTE Band 30	10M	QPSK	25	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.21	23.00	1.199	-	-	0.1	2.080	2.495
	LTE Band 30	10M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	27710	2310	22.22	23.00	1.197	-	-	0.04	2.032	2.432
107	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	27710	2310	21.80	23.40	1.445	-	-	0.02	2.200	3.180
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	27710	2310	21.80	23.40	1.445	-	-	0.16	1.160	1.677
	LTE Band 30	10M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	27710	2310	21.80	23.40	1.445	-	-	0.06	1.690	2.443
	LTE Band 30	10M	QPSK	1	0	-	Front	11mm	Ant 3	DSI 4	Open	27710	2310	22.60	24.00	1.380	-	-	0.06	0.355	0.490
	LTE Band 30	10M	QPSK	1	0	-	Back	9mm	Ant 3	DSI 4	Open	27710	2310	22.60	24.00	1.380	-	-	0.13	0.628	0.867
	LTE Band 30	10M	QPSK	1	0	-	Top Side	14mm	Ant 3	DSI 4	Open	27710	2310	22.60	24.00	1.380	-	-	-0.13	0.293	0.404
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 3	DSI 5	Open	27710	2310	21.75	23.00	1.334	-	-	0.16	2.180	2.907
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 3	DSI 5	Open	27710	2310	21.75	23.00	1.334	-	-	-0.02	1.120	1.494
	LTE Band 30	10M	QPSK	25	0	-	Top Side	0mm	Ant 3	DSI 5	Open	27710	2310	21.75	23.00	1.334	-	-	0.07	1.730	2.307
	LTE Band 30	10M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	27710	2310	21.66	23.00	1.361	-	-	-0.15	2.070	2.818
	LTE Band 30	10M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	27710	2310	21.66	23.00	1.361	-	-	0.03	1.670	2.274
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	462000	2310	23.00	23.50	1.122	-	-	-0.04	1.520	1.705
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	462000	2310	23.00	23.50	1.122	-	-	-0.03	2.180	2.446
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	462000	2310	23.00	23.50	1.122	-	-	0.14	2.610	2.928
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	6mm	Ant 1	DSI 4	Open	462000	2310	23.50	24.00	1.122	-	-	-0.09	0.456	0.512
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	Open	462000	2310	23.50	24.00	1.122	-	-	-0.15	0.297	0.333
	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	11mm	Ant 1	DSI 4	Open	462000	2310	23.50	24.00	1.122	-	-	0.06	0.331	0.371
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	0mm	Ant 1	DSI 6/9	Open	462000	2310	22.85	23.50	1.161	-	-	0.12	1.410	1.638
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	462000	2310	22.85	23.50	1.161	-	-	0.14	2.100	2.439
	FR1 n30	10M	QPSK	25	14	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	462000	2310	22.85	23.50	1.161	-	-	0.13	2.450	2.846
	FR1 n30	10M	QPSK	50	0	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	462000	2310	22.55	23.00	1.109	-	-	0.1	1.920	2.130
	FR1 n30	10M	QPSK	50	0	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	462000	2310	22.55	23.00	1.109	-	-	0.1	2.180	2.418
	FR1 n30	10M	QPSK	1	1	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.18	24.00	1.208	-	-	0.14	1.420	1.715
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.18	24.00	1.208	-	-	0.14	1.330	1.606
	FR1 n30	10M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.18	24.00	1.208	-	-	-0.02	1.990	2.404
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.10	24.00	1.230	-	-	-0.1	1.380	1.698
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.10	24.00	1.230	-	-	0	1.300	1.599
	FR1 n30	10M	QPSK	25	14	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	462000	2310	23.10	24.00	1.230	-	-	-0.15	1.910	2.350
	FR1 n30	10M	QPSK	50	0	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	462000	2310	22.15	23.00	1.216	-	-	0.09	1.580	1.922



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	FR1 n30	10M	QPSK	1	1	DFT-15	Front	0mm	Ant 3	DSI 5	Open	462000	2310	21.61	22.50	1.227	-	-	0.1	1.950	2.394
	FR1 n30	10M	QPSK	1	1	DFT-15	Back	0mm	Ant 3	DSI 5	Open	462000	2310	21.61	22.50	1.227	-	-	-0.16	1.200	1.473
	FR1 n30	10M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	462000	2310	21.61	22.50	1.227	-	-	-0.05	2.200	2.700
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	0mm	Ant 3	DSI 5	Open	462000	2310	21.50	22.50	1.259	-	-	0	2.020	2.543
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	0mm	Ant 3	DSI 5	Open	462000	2310	21.50	22.50	1.259	-	-	-0.02	1.280	1.611
108	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	462000	2310	21.50	22.50	1.259	-	-	-0.13	2.330	2.933
	FR1 n30	10M	QPSK	25	14	DFT-15	Front	11mm	Ant 3	DSI 4	Open	462000	2310	23.00	24.00	1.259	-	-	-0.15	0.381	0.480
	FR1 n30	10M	QPSK	25	14	DFT-15	Back	9mm	Ant 3	DSI 4	Open	462000	2310	23.00	24.00	1.259	-	-	-0.07	0.642	0.808
	FR1 n30	10M	QPSK	25	14	DFT-15	Top Side	14mm	Ant 3	DSI 4	Open	462000	2310	23.00	24.00	1.259	-	-	-0.13	0.338	0.426
	FR1 n30	10M	QPSK	50	0	DFT-15	Front	0mm	Ant 3	DSI 5	Open	462000	2310	21.43	22.50	1.279	-	-	0.05	1.920	2.456
	FR1 n30	10M	QPSK	50	0	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	462000	2310	21.43	22.50	1.279	-	-	-0.11	2.180	2.789
2600 MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21100	2535	23.38	24.00	1.153	-	-	-0.13	2.480	2.861
	LTE Band 7C	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21100+21298	2535+2554.8	23.35	24.00	1.161	-	-	0.16	2.260	2.625
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	21100	2535	23.38	24.00	1.153	-	-	-0.05	1.260	1.453
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6/9	Open	21100	2535	23.38	24.00	1.153	-	-	-0.09	1.320	1.523
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	20850	2510	23.33	24.00	1.167	-	-	0.06	2.260	2.637
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21350	2560	23.35	24.00	1.161	-	-	-0.14	2.300	2.671
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21100	2535	22.42	23.00	1.143	-	-	0.11	1.900	2.171
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	DSI 6/9	Open	21100	2535	22.42	23.00	1.143	-	-	-0.15	1.020	1.166
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6/9	Open	21100	2535	22.42	23.00	1.143	-	-	0.1	1.130	1.291
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	20850	2510	22.38	23.00	1.153	-	-	-0.05	1.940	2.238
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21350	2560	22.34	23.00	1.164	-	-	0.15	1.810	2.107
	LTE Band 7	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6/9	Open	21100	2535	22.36	23.00	1.159	-	-	0.02	1.740	2.016
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.10	23.10	1.259	-	-	0.06	1.060	1.334
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.10	23.10	1.259	-	-	-0.16	1.420	1.788
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.10	23.10	1.259	-	-	0.01	0.928	1.168
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.10	23.10	1.259	-	-	0.05	2.070	2.606
	LTE Band 7C	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21100+21298	2535+2554.8	21.89	23.10	1.321	-	-	0.02	1.910	2.524
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	20850	2510	22.01	23.10	1.285	-	-	0	1.920	2.468
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21350	2560	22.00	23.10	1.288	-	-	-0.09	1.810	2.332
	LTE Band 7	20M	QPSK	1	0	-	Front	6mm	Ant 1	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	-0.04	0.551	0.652
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	-0.04	0.432	0.511
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 1	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	0.02	0.972	1.150
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	11mm	Ant 1	DSI 4	Open	21100	2535	23.27	24.00	1.183	-	-	0.14	0.493	0.583
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.06	23.00	1.242	-	-	0.04	1.000	1.242
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.06	23.00	1.242	-	-	0.12	1.380	1.713
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.06	23.00	1.242	-	-	-0.14	0.910	1.130
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.06	23.00	1.242	-	-	-0.16	2.010	2.496
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	20850	2510	21.98	23.00	1.265	-	-	0.13	2.000	2.529
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21350	2560	21.99	23.00	1.262	-	-	-0.14	1.800	2.271
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	21100	2535	22.01	23.00	1.256	-	-	0.04	1.920	2.412
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.10	22.70	1.148	-	-	0.11	1.750	2.009
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.10	22.70	1.148	-	-	0.06	1.420	1.630
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.10	22.70	1.148	-	-	-0.07	2.080	2.388
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	20850	2510	22.00	22.70	1.175	-	-	-0.05	2.250	2.644
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	20850+21048	2510+2529.8	21.82	22.70	1.225	-	-	0	2.090	2.559
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	21350	2560	22.05	22.70	1.161	-	-	0	1.930	2.242
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	20850	2510	22.00	22.70	1.175	-	-	-0.08	1.740	2.044
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	21350	2560	22.05	22.70	1.161	-	-	-0.09	1.600	1.858
	LTE Band 7	20M	QPSK	1	0	-	Front	11mm	Ant 2	DSI 4	Open	20850	2510	23.31	24.00	1.172	-	-	-0.09	0.504	0.591
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	Open	21100	2535	23.36	24.00	1.159	-	-	-0.09	0.520	0.603
	LTE Band 7	20M	QPSK	1	0	-	Left Side	18mm	Ant 2	DSI 4	Open	20850	2510	23.31	24.00	1.172	-	-	0.06	0.376	0.441
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.07	22.70	1.156	-	-	0	1.630	1.884
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.07	22.70	1.156	-	-	0.05	1.380	1.595



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	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.07	22.70	1.156	-	-	0	2.120	2.451
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	20850	2510	21.96	22.70	1.186	-	-	-0.08	1.890	2.241
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	21350	2560	22.02	22.70	1.169	-	-	0.05	1.860	2.175
	LTE Band 7	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.03	22.70	1.167	-	-	-0.02	1.600	1.867
	LTE Band 7	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	21100	2535	22.03	22.70	1.167	-	-	0.13	2.050	2.392
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	21100	2535	19.10	20.50	1.380	-	-	-0.13	1.130	1.560
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	21100	2535	19.10	20.50	1.380	-	-	-0.11	0.601	0.830
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21100	2535	19.10	20.50	1.380	-	-	0.16	1.920	2.650
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	20850	2510	19.02	20.50	1.406	-	-	-0.08	2.030	2.854
109	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21350	2560	19.00	20.50	1.413	-	-	0.16	2.160	3.051
	LTE Band 7C	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21350+21152	2560+2540.2	18.95	20.50	1.429	-	-	0	1.870	2.672
	LTE Band 7	20M	QPSK	1	0	-	Front	11mm	Ant 3	DSI 4	Open	21100	2535	22.95	24.00	1.274	-	-	0.04	0.301	0.383
	LTE Band 7	20M	QPSK	1	0	-	Back	9mm	Ant 3	DSI 4	Open	21100	2535	22.95	24.00	1.274	-	-	-0.09	0.479	0.610
	LTE Band 7	20M	QPSK	1	0	-	Top Side	14mm	Ant 3	DSI 4	Open	21350	2560	22.93	24.00	1.279	-	-	0.02	0.452	0.578
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	21100	2535	19.05	20.50	1.396	-	-	-0.06	1.060	1.480
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 5	Open	21100	2535	19.05	20.50	1.396	-	-	0.13	0.608	0.849
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21100	2535	19.05	20.50	1.396	-	-	0.09	1.870	2.611
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	20850	2510	19.01	20.50	1.409	-	-	-0.07	1.930	2.720
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21350	2560	18.93	20.50	1.435	-	-	-0.14	2.060	2.957
	LTE Band 7	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 5	Open	21100	2535	19.09	20.50	1.384	-	-	0.14	1.950	2.698
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	23.49	24.00	1.125	62.9	1.006	0.06	1.710	1.935
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	23.49	24.00	1.125	62.9	1.006	-0.07	0.878	0.993
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	39750	2506	23.38	24.00	1.153	62.9	1.006	0.15	1.630	1.891
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40620	2593	23.46	24.00	1.132	62.9	1.006	-0.04	1.560	1.777
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	41055	2636.5	23.39	24.00	1.151	62.9	1.006	0.03	1.470	1.702
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	41490	2680	23.32	24.00	1.169	62.9	1.006	0.05	1.380	1.624
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	26.53	27.00	1.114	42.9	1.009	0.06	2.120	2.384
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40185+40383	2549.5+2569.3	26.31	27.00	1.172	62.9	1.006	-0.01	2.020	2.382
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	23.47	24.00	1.130	62.9	1.006	0.01	1.280	1.455
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	23.47	24.00	1.130	62.9	1.006	0.14	0.711	0.808
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	39750	2506	23.36	24.00	1.159	62.9	1.006	0.14	1.330	1.550
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40620	2593	23.40	24.00	1.148	62.9	1.006	0.14	1.240	1.432
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	41055	2636.5	23.35	24.00	1.161	62.9	1.006	0.09	1.190	1.390
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6/9	Open	41490	2680	23.31	24.00	1.172	62.9	1.006	-0.09	1.090	1.285
	LTE Band 41	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6/9	Open	40185	2549.5	23.37	24.00	1.156	62.9	1.006	0.03	1.580	1.838
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40185	2549.5	23.42	24.00	1.143	62.9	1.006	-0.09	1.840	2.116
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	39750	2506	23.22	24.00	1.197	62.9	1.006	0.1	2.020	2.432
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40620	2593	23.33	24.00	1.167	62.9	1.006	0.06	2.160	2.535
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	41055	2636.5	23.38	24.00	1.153	62.9	1.006	-0.04	1.710	1.984
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	41490	2680	23.39	24.00	1.151	62.9	1.006	0.16	1.280	1.482
110	LTE Band 41 HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40620	2593	26.18	27.00	1.208	42.9	1.009	-0.06	2.570	3.132
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40620+40818	2593+2612.8	26.19	27.00	1.205	42.9	1.009	-0.07	2.210	2.687
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40185	2549.5	23.41	24.00	1.146	62.9	1.006	0.02	1.620	1.867
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	39750	2506	23.20	24.00	1.202	62.9	1.006	0.14	1.940	2.346
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40620	2593	23.29	24.00	1.178	62.9	1.006	0.14	2.080	2.464
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	41055	2636.5	23.33	24.00	1.167	62.9	1.006	-0.11	1.510	1.772
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	41490	2680	23.30	24.00	1.175	62.9	1.006	0.15	1.160	1.371
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	40185	2549.5	23.29	24.00	1.178	62.9	1.006	-0.06	1.550	1.836
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.46	24.00	1.132	62.9	1.006	0.01	1.720	1.959
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.46	24.00	1.132	62.9	1.006	0.16	1.140	1.299
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.46	24.00	1.132	62.9	1.006	-0.04	1.410	1.606
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	39750	2506	23.41	24.00	1.146	62.9	1.006	-0.06	1.620	1.867
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	40620	2593	23.36	24.00	1.159	62.9	1.006	-0.01	1.890	2.203
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	41055	2636.5	23.35	24.00	1.161	62.9	1.006	0.07	1.640	1.916
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	41490	2680	23.37	24.00	1.156	62.9	1.006	0.06	1.660	1.931



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	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	39750	2506	23.41	24.00	1.146	62.9	1.006	-0.1	1.920	2.213
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40620	2593	23.36	24.00	1.159	62.9	1.006	0.07	1.910	2.227
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	41055	2636.5	23.35	24.00	1.161	62.9	1.006	0.02	1.880	2.197
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	41490	2680	23.37	24.00	1.156	62.9	1.006	0.02	1.770	2.059
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40620	2593	26.42	27.00	1.143	42.9	1.009	0.04	2.380	2.745
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40620+ 40818	2593+ 2612.8	26.17	27.00	1.211	42.9	1.009	-0.05	1.970	2.406
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.31	24.00	1.172	62.9	1.006	-0.09	1.630	1.922
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.31	24.00	1.172	62.9	1.006	-0.08	1.090	1.285
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.31	24.00	1.172	62.9	1.006	-0.1	1.330	1.568
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	39750	2506	23.24	24.00	1.191	62.9	1.006	0.1	1.560	1.869
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	40620	2593	23.29	24.00	1.178	62.9	1.006	-0.02	1.810	2.144
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.06	1.540	1.833
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	41490	2680	23.22	24.00	1.197	62.9	1.006	0.08	1.570	1.890
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	39750	2506	23.24	24.00	1.191	62.9	1.006	-0.05	1.810	2.169
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40620	2593	23.29	24.00	1.178	62.9	1.006	0	1.860	2.203
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	41055	2636.5	23.27	24.00	1.183	62.9	1.006	-0.07	1.760	2.095
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 5/6	Open	41490	2680	23.22	24.00	1.197	62.9	1.006	-0.07	1.690	2.035
	LTE Band 41	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.27	24.00	1.183	62.9	1.006	-0.09	1.580	1.880
	LTE Band 41	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 5/6	Open	40185	2549.5	23.27	24.00	1.183	62.9	1.006	-0.07	1.390	1.654
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.52	22.60	1.282	62.9	1.006	-0.15	1.310	1.690
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.52	22.60	1.282	62.9	1.006	0.05	0.716	0.924
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.52	22.60	1.282	62.9	1.006	-0.11	1.610	2.077
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	39750	2506	21.43	22.60	1.309	62.9	1.006	-0.14	1.360	1.791
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	40620	2593	21.46	22.60	1.300	62.9	1.006	-0.08	1.560	2.040
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	41055	2636.5	21.38	22.60	1.324	62.9	1.006	0.1	1.710	2.278
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	41490	2680	21.41	22.60	1.315	62.9	1.006	0.05	1.410	1.866
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	39750	2506	21.43	22.60	1.309	62.9	1.006	-0.02	1.710	2.252
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	40620	2593	21.46	22.60	1.300	62.9	1.006	-0.15	1.920	2.511
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41055	2636.5	21.38	22.60	1.324	62.9	1.006	0.04	2.060	2.745
	LTE Band 41C	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41055+ 41253	2636.5+ 2656.3	21.33	22.60	1.340	62.9	1.006	0.12	1.810	2.439
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41490	2680	21.41	22.60	1.315	62.9	1.006	0.01	1.660	2.196
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41055	2636.5	23.12	24.20	1.282	42.9	1.009	0.13	1.960	2.536
	LTE Band 41	20M	QPSK	1	0	-	Front	11mm	Ant 3	DSI 4	Open	41055	2636.5	23.10	24.00	1.230	62.9	1.006	-0.09	0.378	0.468
	LTE Band 41	20M	QPSK	1	0	-	Back	9mm	Ant 3	DSI 4	Open	40185	2549.5	23.12	24.00	1.225	62.9	1.006	-0.02	0.287	0.354
	LTE Band 41	20M	QPSK	1	0	-	Top Side	14mm	Ant 3	DSI 4	Open	41055	2636.5	23.10	24.00	1.230	62.9	1.006	-0.13	0.478	0.592
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.48	22.60	1.294	62.9	1.006	0.11	1.260	1.640
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.48	22.60	1.294	62.9	1.006	0.15	0.680	0.885
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.48	22.60	1.294	62.9	1.006	0.1	1.530	1.992
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	39750	2506	21.42	22.60	1.312	62.9	1.006	0.1	1.310	1.729
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	40620	2593	21.43	22.60	1.309	62.9	1.006	-0.03	1.560	2.055
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	41055	2636.5	21.35	22.60	1.334	62.9	1.006	0.08	1.570	2.106
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	41490	2680	21.40	22.60	1.318	62.9	1.006	-0.11	1.350	1.790
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	39750	2506	21.42	22.60	1.312	62.9	1.006	-0.15	1.660	2.191
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	40620	2593	21.43	22.60	1.309	62.9	1.006	0.15	1.820	2.397
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41055	2636.5	21.35	22.60	1.334	62.9	1.006	-0.09	1.940	2.603
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	41490	2680	21.40	22.60	1.318	62.9	1.006	0.04	1.670	2.215
	LTE Band 41	20M	QPSK	100	0	-	Front	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.48	22.60	1.294	62.9	1.006	-0.06	1.100	1.432
	LTE Band 41	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 5	Open	40185	2549.5	21.48	22.60	1.294	62.9	1.006	-0.15	1.550	2.018
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	507000	2535	23.45	24.00	1.135	-	-	0.02	1.890	2.145
	FR1 n7	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 0	DSI 6/9	Open	507000	2535	23.45	24.00	1.135	-	-	-0.13	1.390	1.578
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	507000	2535	23.41	24.00	1.146	-	-	0.07	1.700	1.947
	FR1 n7	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 0	DSI 6/9	Open	507000	2535	23.41	24.00	1.146	-	-	0.07	1.240	1.420
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 0	DSI 6/9	Open	507000	2535	22.35	23.00	1.161	-	-	0.16	1.510	1.754
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.75	23.50	1.189	-	-	-0.13	1.680	1.997
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Side	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.75	23.50	1.189	-	-	0.12	1.220	1.450



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	FR1 n7	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.75	23.50	1.189	-	-	0.05	2.560	3.043
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	Open	507000	2535	23.24	24.00	1.191	-	-	0.06	0.269	0.320
	FR1 n7	40M	QPSK	1	1	DFT-15	Right Side	5mm	Ant 1	DSI 4	Open	507000	2535	23.24	24.00	1.191	-	-	0.09	0.594	0.708
	FR1 n7	40M	QPSK	1	1	DFT-15	Bottom Side	11mm	Ant 1	DSI 4	Open	507000	2535	23.24	24.00	1.191	-	-	-0.02	0.292	0.348
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.69	23.50	1.205	-	-	0.07	1.640	1.976
	FR1 n7	40M	QPSK	108	54	DFT-15	Right Side	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.69	23.50	1.205	-	-	0.11	1.190	1.434
	FR1 n7	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.69	23.50	1.205	-	-	-0.12	2.490	3.001
	FR1 n7	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	507000	2535	22.32	23.00	1.169	-	-	0.12	2.200	2.573
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.88	23.50	1.153	-	-	-0.05	2.670	3.080
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.88	23.50	1.153	-	-	-0.07	2.470	2.849
111	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.88	23.50	1.153	-	-	0.05	2.740	3.160
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	11mm	Ant 2	DSI 4	Open	507000	2535	23.40	24.00	1.148	-	-	0.03	0.328	0.377
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	DSI 4	Open	507000	2535	23.40	24.00	1.148	-	-	0.08	0.355	0.408
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	18mm	Ant 2	DSI 4	Open	507000	2535	23.40	24.00	1.148	-	-	0.15	0.271	0.311
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.80	23.50	1.175	-	-	-0.07	2.510	2.949
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.80	23.50	1.175	-	-	0.1	2.450	2.878
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.80	23.50	1.175	-	-	-0.13	2.680	3.149
	FR1 n7	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.28	23.00	1.180	-	-	0.16	2.230	2.632
	FR1 n7	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.28	23.00	1.180	-	-	0.04	2.270	2.679
	FR1 n7	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.28	23.00	1.180	-	-	-0.1	2.370	2.797
	FR1 n7	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 3	DSI 5	Open	507000	2535	20.50	21.50	1.259	-	-	-0.02	1.220	1.536
	FR1 n7	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 3	DSI 5	Open	507000	2535	20.50	21.50	1.259	-	-	0.11	0.830	1.045
	FR1 n7	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	507000	2535	20.50	21.50	1.259	-	-	0.16	2.110	2.656
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 3	DSI 5	Open	507000	2535	20.47	21.50	1.268	-	-	-0.15	1.280	1.623
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 3	DSI 5	Open	507000	2535	20.47	21.50	1.268	-	-	0.03	0.880	1.116
	FR1 n7	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	507000	2535	20.47	21.50	1.268	-	-	-0.11	2.210	2.802
	FR1 n7	40M	QPSK	108	54	DFT-15	Front	11mm	Ant 3	DSI 4	Open	507000	2535	22.82	24.00	1.312	-	-	0.12	0.350	0.459
	FR1 n7	40M	QPSK	108	54	DFT-15	Back	9mm	Ant 3	DSI 4	Open	507000	2535	22.82	24.00	1.312	-	-	0.13	0.501	0.657
	FR1 n7	40M	QPSK	108	54	DFT-15	Top Side	14mm	Ant 3	DSI 4	Open	507000	2535	22.82	24.00	1.312	-	-	-0.15	0.452	0.593
	FR1 n7	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 3	DSI 5	Open	507000	2535	20.43	21.50	1.279	-	-	0.1	2.050	2.623
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 0	DSI 6/9	Open	518598	2592.99	23.45	24.00	1.135	-	-	-0.06	1.550	1.759
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 0	DSI 6/9	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.14	1.470	1.719
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 0	DSI 6/9	Open	518598	2592.99	23.39	24.00	1.151	-	-	-0.07	1.510	1.738
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 0	DSI 6/9	Open	518598	2592.99	23.42	24.00	1.143	-	-	-0.09	1.470	1.680
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.50	24.00	1.122	-	-	0	1.780	1.997
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.50	24.00	1.122	-	-	-0.13	1.050	1.178
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.50	24.00	1.122	-	-	-0.16	2.270	2.547
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	26.23	27.00	1.194	50	1.000	-0.03	2.110	2.519
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.38	24.00	1.153	-	-	-0.03	1.580	1.822
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.38	24.00	1.153	-	-	0.05	0.879	1.014
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.38	24.00	1.153	-	-	0.02	2.100	2.422
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.38	24.00	1.153	-	-	0.06	1.520	1.753
	FR1 n41	100M	QPSK	270	0	DFT-30	Bottom Side	0mm	Ant 1	DSI 6/9	Open	518598	2592.99	23.38	24.00	1.153	-	-	0.08	1.990	2.295
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	23.00	23.50	1.122	-	-	-0.1	2.410	2.704
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	23.00	23.50	1.122	-	-	0.13	2.270	2.547
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	23.00	23.50	1.122	-	-	0.06	1.930	2.165
112	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	25.75	26.50	1.189	50	1.000	0.11	2.490	2.959
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 2	DSI 4	Open	518598	2592.99	26.22	27.00	1.197	50	1.000	0.02	0.770	0.921
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	DSI 4	Open	518598	2592.99	23.47	24.00	1.130	-	-	-0.06	0.403	0.455
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	18mm	Ant 2	DSI 4	Open	518598	2592.99	23.47	24.00	1.130	-	-	-0.07	0.336	0.380
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.99	23.50	1.125	-	-	-0.12	2.280	2.564
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.99	23.50	1.125	-	-	-0.08	2.060	2.317
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.99	23.50	1.125	-	-	0	1.870	2.103
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.97	23.50	1.130	-	-	0.08	2.150	2.429
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.97	23.50	1.130	-	-	0.01	1.980	2.237
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 2	DSI 5/6	Open	518598	2592.99	22.97	23.50	1.130	-	-	-0.03	1.810	2.045



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	FR1 n41	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.42	21.50	1.282	-	-	0.1	1.430	1.834
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.42	21.50	1.282	-	-	-0.13	1.210	1.552
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.42	21.50	1.282	-	-	-0.1	2.120	2.719
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	518598	2592.99	23.62	24.50	1.225	50	1.000	-0.11	2.270	2.780
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 3	DSI 4	Open	518598	2592.99	22.90	24.00	1.288	-	-	0.11	0.276	0.356
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	9mm	Ant 3	DSI 4	Open	518598	2592.99	22.90	24.00	1.288	-	-	-0.08	0.427	0.550
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-30	Top Side	14mm	Ant 3	DSI 4	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.11	0.624	0.761
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.36	21.50	1.300	-	-	-0.16	1.360	1.768
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.36	21.50	1.300	-	-	-0.06	1.180	1.534
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.36	21.50	1.300	-	-	-0.13	2.000	2.600
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.34	21.50	1.306	-	-	0.13	1.300	1.698
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.34	21.50	1.306	-	-	-0.02	1.120	1.463
	FR1 n41	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	518598	2592.99	20.34	21.50	1.306	-	-	0.12	1.970	2.573
3-5GHz																					
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 5	Open	55340	3560	22.20	22.50	1.072	62.9	1.006	0.1	1.130	1.218
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 5	Open	55340	3560	22.20	22.50	1.072	62.9	1.006	0.16	0.810	0.873
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	55340	3560	22.20	22.50	1.072	62.9	1.006	-0.15	1.860	2.005
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	55830	3609	22.10	22.50	1.096	62.9	1.006	-0.01	2.020	2.228
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	56150	3641	22.09	22.50	1.099	62.9	1.006	-0.1	1.850	2.045
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	56640	3690	22.01	22.50	1.119	62.9	1.006	-0.15	2.230	2.511
	LTE Band 48C	10M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 5	Open	56640+ 56442	3690+ 3670.2	20.58	22.00	1.387	62.9	1.006	0.11	1.780	2.483
	LTE Band 48	20M	QPSK	1	0	-	Front	11mm	Ant 3	DSI 4	Open	55340	3560	23.43	24.00	1.140	62.9	1.006	0.15	0.188	0.216
	LTE Band 48	20M	QPSK	1	0	-	Back	9mm	Ant 3	DSI 4	Open	55340	3560	23.43	24.00	1.140	62.9	1.006	0.01	0.263	0.302
	LTE Band 48	20M	QPSK	1	0	-	Top Side	14mm	Ant 3	DSI 4	Open	56640	3690	23.09	24.00	1.233	62.9	1.006	-0.11	0.235	0.292
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 5	Open	55340	3560	22.15	22.50	1.084	62.9	1.006	-0.13	1.080	1.178
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 5	Open	55340	3560	22.15	22.50	1.084	62.9	1.006	-0.01	0.788	0.859
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	55340	3560	22.15	22.50	1.084	62.9	1.006	0.07	1.890	2.061
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	55830	3609	22.08	22.50	1.102	62.9	1.006	-0.12	1.930	2.139
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	56150	3641	22.08	22.50	1.102	62.9	1.006	0.03	1.880	2.083
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 5	Open	56640	3690	21.96	22.50	1.132	62.9	1.006	0.08	2.000	2.278
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 5	Open	55340	3560	22.17	22.50	1.079	62.9	1.006	-0.01	1.820	1.975
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 6	DSI 5	Open	55830	3609	21.78	23.50	1.486	62.9	1.006	0.07	1.260	1.884
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 6	DSI 5	Open	55830	3609	21.78	23.50	1.486	62.9	1.006	-0.06	0.710	1.061
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55830	3609	21.78	23.50	1.486	62.9	1.006	-0.12	1.830	2.736
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55340	3560	21.75	23.50	1.496	62.9	1.006	-0.06	1.820	2.739
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 5	Open	56150	3641	21.70	23.50	1.514	62.9	1.006	-0.11	1.800	2.741
113	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 5	Open	56640	3690	21.72	23.50	1.507	62.9	1.006	-0.04	1.920	2.910
	LTE Band 48C	10M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55830+ 56028	3609+ 3628.8	21.66	23.50	1.528	62.9	1.006	0.03	1.790	2.751
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 6	DSI 5	Open	55340	3560	21.75	23.50	1.496	62.9	1.006	0.1	1.210	1.821
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 6	DSI 5	Open	56150	3641	21.70	23.50	1.514	62.9	1.006	0.03	1.170	1.781
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 6	DSI 5	Open	56640	3690	21.72	23.50	1.507	62.9	1.006	-0.04	1.290	1.955
	LTE Band 48	20M	QPSK	1	0	-	Front	11mm	Ant 6	DSI 4	Open	56640	3690	22.33	24.00	1.469	62.9	1.006	0	0.179	0.265
	LTE Band 48	20M	QPSK	1	0	-	Back	6mm	Ant 6	DSI 4	Open	55830	3609	22.42	24.00	1.439	62.9	1.006	-0.07	0.423	0.612
	LTE Band 48	20M	QPSK	1	0	-	Top Side	12mm	Ant 6	DSI 4	Open	56640	3690	22.33	24.00	1.469	62.9	1.006	0.07	0.312	0.461
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 6	DSI 5	Open	55830	3609	21.42	23.00	1.439	62.9	1.006	-0.08	1.170	1.693
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 6	DSI 5	Open	55830	3609	21.42	23.00	1.439	62.9	1.006	0.02	0.661	0.957
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55830	3609	21.42	23.00	1.439	62.9	1.006	0.04	1.710	2.475
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55340	3560	21.27	23.00	1.489	62.9	1.006	0.09	1.620	2.427
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 5	Open	56150	3641	21.26	23.00	1.493	62.9	1.006	-0.02	1.670	2.508
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 5	Open	56640	3690	21.30	23.00	1.479	62.9	1.006	0.1	1.760	2.619
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 6	DSI 5	Open	55340	3560	21.27	23.00	1.489	62.9	1.006	-0.01	1.150	1.723
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 6	DSI 5	Open	56150	3641	21.26	23.00	1.493	62.9	1.006	-0.05	1.090	1.637
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 6	DSI 5	Open	56640	3690	21.30	23.00	1.479	62.9	1.006	-0.07	1.210	1.800
	LTE Band 48	20M	QPSK	100	0	-	Front	0mm	Ant 6	DSI 5	Open	55830	3609	21.36	23.00	1.459	62.9	1.006	0.02	1.130	1.658
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 6	DSI 5	Open	55830	3609	21.36	23.00	1.459	62.9	1.006	-0.08	1.660	2.436



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	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.94	23.50	1.138	62.9	1.006	0.14	1.280	1.465
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.94	23.50	1.138	62.9	1.006	0	1.080	1.236
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.94	23.50	1.138	62.9	1.006	-0.03	2.130	2.438
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55340	3560	22.86	23.50	1.159	62.9	1.006	-0.1	2.170	2.530
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	56150	3641	22.80	23.50	1.175	62.9	1.006	0.1	2.170	2.565
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	56640	3690	22.81	23.50	1.172	62.9	1.006	0.14	2.450	2.889
	LTE Band 48C	10M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55830+ 56028	3609+ 3628.8	22.89	23.50	1.151	62.9	1.006	-0.03	2.210	2.559
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 8	DSI 4	Open	55830	3609	23.42	24.00	1.143	62.9	1.006	0.1	0.185	0.213
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 4	Open	55830	3609	23.42	24.00	1.143	62.9	1.006	0.15	0.694	0.798
	LTE Band 48	20M	QPSK	1	0	-	Right Side	14mm	Ant 8	DSI 4	Open	56640	3690	23.35	24.00	1.161	62.9	1.006	-0.13	0.239	0.279
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.34	23.00	1.164	62.9	1.006	-0.05	1.250	1.464
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.34	23.00	1.164	62.9	1.006	-0.08	1.010	1.183
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.34	23.00	1.164	62.9	1.006	-0.03	2.160	2.530
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55340	3560	22.20	23.00	1.202	62.9	1.006	-0.16	2.110	2.552
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	56150	3641	22.09	23.00	1.233	62.9	1.006	-0.07	2.070	2.568
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	56640	3690	22.17	23.00	1.211	62.9	1.006	0.11	2.190	2.667
	LTE Band 48	20M	QPSK	100	0	-	Right Side	0mm	Ant 8	DSI 5/6	Open	55830	3609	22.31	23.00	1.172	62.9	1.006	0.09	2.040	2.406
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.85	20.50	1.161	-	-	-0.06	1.210	1.405
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.85	20.50	1.161	-	-	0.11	0.780	0.906
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.85	20.50	1.161	-	-	-0.1	2.510	2.915
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	638000	3570	19.78	20.50	1.180	-	-	0.09	2.080	2.455
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	645332	3679.98	19.80	20.50	1.175	-	-	-0.02	2.290	2.691
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.83	20.50	1.167	-	-	0.03	1.280	1.494
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.83	20.50	1.167	-	-	-0.1	0.811	0.946
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.83	20.50	1.167	-	-	-0.13	2.560	2.987
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	638000	3570	19.77	20.50	1.183	-	-	0.12	2.120	2.508
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	645332	3679.98	19.76	20.50	1.186	-	-	0	2.360	2.798
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	11mm	Ant 3	DSI 4	Open	641666	3624.99	23.10	24.00	1.230	-	-	0.11	0.229	0.282
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	9mm	Ant 3	DSI 4	Open	641666	3624.99	23.10	24.00	1.230	-	-	0.05	0.339	0.417
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	14mm	Ant 3	DSI 4	Open	641666	3624.99	23.10	24.00	1.230	-	-	0.05	0.351	0.432
	FR1 n48	40M	QPSK	100	0	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.80	20.50	1.175	-	-	-0.11	2.400	2.820
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	-0.05	1.160	1.375
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	-0.13	1.080	1.281
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	0.01	1.830	2.170
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	638000	3570	19.73	20.50	1.194	-	-	-0.15	1.780	2.125
	FR1 n48	40M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	645332	3679.98	19.67	20.50	1.211	-	-	0.02	2.400	2.905
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.68	20.50	1.208	-	-	-0.15	1.220	1.474
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.68	20.50	1.208	-	-	0.05	1.140	1.377
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.68	20.50	1.208	-	-	0.12	1.840	2.222
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	638000	3570	19.63	20.50	1.222	-	-	-0.09	1.820	2.224
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	645332	3679.98	19.62	20.50	1.225	-	-	-0.08	2.460	3.013
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	11mm	Ant 4	DSI 4	Open	641666	3624.99	23.08	24.00	1.236	-	-	-0.12	0.329	0.407
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	10mm	Ant 4	DSI 4	Open	641666	3624.99	23.08	24.00	1.236	-	-	0.15	0.310	0.383
	FR1 n48	40M	QPSK	50	28	DFT-30	Left Side	18mm	Ant 4	DSI 4	Open	645332	3679.98	23.02	24.00	1.253	-	-	0.12	0.281	0.352
	FR1 n48	40M	QPSK	100	0	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	641666	3624.99	19.62	20.50	1.225	-	-	-0.14	1.770	2.168
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.20	20.00	1.202	-	-	0.13	1.760	2.116
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.20	20.00	1.202	-	-	0	0.848	1.020
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.20	20.00	1.202	-	-	0.09	2.280	2.741
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	638000	3570	19.12	20.00	1.225	-	-	-0.02	2.200	2.694
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	645332	3679.98	19.11	20.00	1.227	-	-	0.06	2.420	2.970
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 6	DSI 5	Open	638000	3570	19.12	20.00	1.225	-	-	-0.04	1.680	2.057
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 6	DSI 5	Open	645332	3679.98	19.11	20.00	1.227	-	-	-0.04	1.820	2.234
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	11mm	Ant 6	DSI 4	Open	645332	3679.98	23.11	24.00	1.227	-	-	0.03	0.341	0.419
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	6mm	Ant 6	DSI 4	Open	641666	3624.99	23.25	24.00	1.189	-	-	0.12	0.081	0.096
	FR1 n48	40M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 6	DSI 4	Open	645332	3679.98	23.11	24.00	1.227	-	-	-0.16	0.599	0.735
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.13	20.00	1.222	-	-	-0.12	1.730	2.114



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	FR1 n48	40M	QPSK	50	28	DFT-30	Back	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.13	20.00	1.222	-	-	-0.06	0.817	0.998
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.13	20.00	1.222	-	-	0.13	2.160	2.639
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	638000	3570	19.02	20.00	1.253	-	-	0.12	2.090	2.619
	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	645332	3679.98	18.98	20.00	1.265	-	-	-0.03	2.220	2.808
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 6	DSI 5	Open	638000	3570	19.02	20.00	1.253	-	-	0.04	1.630	2.043
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 6	DSI 5	Open	645332	3679.98	18.98	20.00	1.265	-	-	-0.06	1.760	2.226
	FR1 n48	40M	QPSK	100	0	DFT-30	Front	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.06	20.00	1.242	-	-	-0.12	1.690	2.098
	FR1 n48	40M	QPSK	100	0	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	641666	3624.99	19.06	20.00	1.242	-	-	0.02	2.100	2.607
	FR1 n48	40M	QPSK	1	1	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.84	20.50	1.164	-	-	0.12	1.190	1.385
	FR1 n48	40M	QPSK	1	1	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.84	20.50	1.164	-	-	0.16	1.050	1.222
	FR1 n48	40M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.84	20.50	1.164	-	-	0.16	2.060	2.398
	FR1 n48	40M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	638000	3570	19.78	20.50	1.180	-	-	0.1	2.240	2.644
	FR1 n48	40M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	645332	3679.98	19.78	20.50	1.180	-	-	0.04	2.130	2.514
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	-0.04	1.180	1.399
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	-0.1	1.090	1.292
	FR1 n48	40M	QPSK	50	28	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.76	20.50	1.186	-	-	-0.14	2.130	2.526
	FR1 n48	40M	QPSK	50	28	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	638000	3570	19.71	20.50	1.199	-	-	-0.11	2.350	2.819
	FR1 n48	40M	QPSK	50	28	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	645332	3679.98	19.73	20.50	1.194	-	-	-0.1	2.200	2.627
	FR1 n48	40M	QPSK	50	28	DFT-30	Front	10mm	Ant 8	DSI 4	Open	641666	3624.99	23.05	24.00	1.245	-	-	0.13	0.212	0.264
	FR1 n48	40M	QPSK	50	28	DFT-30	Back	5mm	Ant 8	DSI 4	Open	641666	3624.99	23.05	24.00	1.245	-	-	0.16	0.918	1.142
	FR1 n48	40M	QPSK	50	28	DFT-30	Right Side	14mm	Ant 8	DSI 4	Open	638000	3570	23.01	24.00	1.256	-	-	0.16	0.298	0.374
	FR1 n48	40M	QPSK	100	0	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	641666	3624.99	19.70	20.50	1.202	-	-	-0.1	1.960	2.356
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.83	20.50	1.167	-	-	-0.08	1.330	1.552
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.83	20.50	1.167	-	-	-0.12	0.867	1.012
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.83	20.50	1.167	-	-	-0.04	2.140	2.497
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.70	20.50	1.202	-	-	0.03	1.400	1.683
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.70	20.50	1.202	-	-	0.02	0.919	1.105
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.70	20.50	1.202	-	-	-0.16	2.360	2.837
	FR1 n77_Part27Q HPUE	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	22.53	23.50	1.250	50	1.000	-0.16	2.220	2.776
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	11mm	Ant 3	DSI 4	Open	633332	3499.98	23.31	24.00	1.172	-	-	-0.13	0.184	0.216
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	9mm	Ant 3	DSI 4	Open	633332	3499.98	23.31	24.00	1.172	-	-	-0.02	0.292	0.342
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	14mm	Ant 3	DSI 4	Open	633332	3499.98	23.31	24.00	1.172	-	-	-0.16	0.241	0.282
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.64	20.50	1.219	-	-	-0.15	2.080	2.535
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3	DSI 5	Open	656000	3840	19.91	20.50	1.146	-	-	-0.03	1.400	1.604
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3	DSI 5	Open	656000	3840	19.91	20.50	1.146	-	-	0	1.030	1.180
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	656000	3840	19.91	20.50	1.146	-	-	-0.11	2.570	2.944
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	656000	3840	22.88	23.50	1.153	50	1.000	0.09	2.450	2.826
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 3	DSI 4	Open	656000	3840	23.50	24.00	1.122	-	-	-0.01	0.241	0.270
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	9mm	Ant 3	DSI 4	Open	656000	3840	23.50	24.00	1.122	-	-	0.13	0.339	0.380
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	14mm	Ant 3	DSI 4	Open	656000	3840	23.50	24.00	1.122	-	-	-0.02	0.314	0.352
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3	DSI 5	Open	656000	3840	19.82	20.50	1.169	-	-	0.12	1.330	1.555
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3	DSI 5	Open	656000	3840	19.82	20.50	1.169	-	-	0.06	0.922	1.078
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	656000	3840	19.82	20.50	1.169	-	-	-0.14	2.190	2.561
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 3	DSI 5	Open	656000	3840	19.73	20.50	1.194	-	-	-0.02	1.290	1.540
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 3	DSI 5	Open	656000	3840	19.73	20.50	1.194	-	-	0.06	0.900	1.075
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	656000	3840	19.73	20.50	1.194	-	-	-0.04	2.080	2.483
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.80	21.50	1.175	-	-	-0.07	1.710	2.009
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.80	21.50	1.175	-	-	0.04	1.680	1.974
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.80	21.50	1.175	-	-	-0.11	2.280	2.679
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	23.78	24.50	1.180	50	1.000	0.05	2.120	2.502
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 4	DSI 4	Open	633332	3499.98	23.38	24.00	1.153	-	-	0.14	0.387	0.446
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 4	DSI 4	Open	633332	3499.98	23.38	24.00	1.153	-	-	-0.16	0.342	0.394
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Left Side	18mm	Ant 4	DSI 4	Open	633332	3499.98	23.38	24.00	1.153	-	-	-0.01	0.322	0.371
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.68	21.50	1.208	-	-	-0.16	1.620	1.957
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.68	21.50	1.208	-	-	0.04	1.590	1.920



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	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.68	21.50	1.208	-	-	-0.14	2.190	2.645
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.63	21.50	1.222	-	-	0.04	1.580	1.930
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	633332	3499.98	20.63	21.50	1.222	-	-	0.14	2.080	2.541
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.92	21.50	1.143	-	-	0.1	1.530	1.749
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.92	21.50	1.143	-	-	0.04	1.470	1.680
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.92	21.50	1.143	-	-	-0.06	2.520	2.880
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	656000	3840	23.63	24.50	1.222	50	1.000	-0.11	2.310	2.822
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 4	DSI 4	Open	656000	3840	23.42	24.00	1.143	-	-	0.03	0.331	0.378
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 4	DSI 4	Open	656000	3840	23.42	24.00	1.143	-	-	0.03	0.302	0.345
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Left Side	18mm	Ant 4	DSI 4	Open	656000	3840	23.42	24.00	1.143	-	-	0.01	0.291	0.333
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.85	21.50	1.161	-	-	0.01	1.430	1.661
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.85	21.50	1.161	-	-	-0.01	1.270	1.475
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.85	21.50	1.161	-	-	0	2.260	2.625
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.73	21.50	1.194	-	-	0.14	1.330	1.588
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.73	21.50	1.194	-	-	0.08	1.200	1.433
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4	DSI 5/6	Open	656000	3840	20.73	21.50	1.194	-	-	0.09	2.170	2.591
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.60	20.50	1.230	-	-	0.04	1.710	2.104
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.60	20.50	1.230	-	-	0.01	0.736	0.905
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.60	20.50	1.230	-	-	0.11	2.190	2.694
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	633332	3499.98	22.55	23.50	1.245	50	1.000	-0.11	2.080	2.589
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 6	DSI 4	Open	633332	3499.98	23.14	24.00	1.219	-	-	0.07	0.429	0.523
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	6mm	Ant 6	DSI 4	Open	633332	3499.98	23.14	24.00	1.219	-	-	-0.03	0.857	1.045
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 6	DSI 4	Open	633332	3499.98	23.14	24.00	1.219	-	-	-0.05	0.782	0.953
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.55	20.50	1.245	-	-	0.1	1.630	2.029
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.55	20.50	1.245	-	-	-0.11	0.719	0.895
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.55	20.50	1.245	-	-	0.01	2.050	2.551
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.46	20.50	1.271	-	-	0.13	1.580	2.008
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	633332	3499.98	19.46	20.50	1.271	-	-	0.02	1.970	2.503
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 6	DSI 5	Open	656000	3840	19.77	20.50	1.183	-	-	0.07	1.710	2.023
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 6	DSI 5	Open	656000	3840	19.77	20.50	1.183	-	-	0.09	0.746	0.883
115	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	19.77	20.50	1.183	-	-	0.07	2.580	3.052
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	22.57	23.50	1.239	50	1.000	0.01	2.430	3.010
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 6	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	0.05	0.341	0.398
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	6mm	Ant 6	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	0.04	0.766	0.894
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 6	DSI 4	Open	656000	3840	23.33	24.00	1.167	-	-	-0.12	0.514	0.600
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 6	DSI 5	Open	656000	3840	19.68	20.50	1.208	-	-	-0.12	1.730	2.090
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 6	DSI 5	Open	656000	3840	19.68	20.50	1.208	-	-	0.04	0.715	0.864
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	19.68	20.50	1.208	-	-	-0.07	2.360	2.850
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 6	DSI 5	Open	656000	3840	19.56	20.50	1.242	-	-	0.04	1.690	2.098
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	19.56	20.50	1.242	-	-	-0.16	2.200	2.732
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.74	21.50	1.191	-	-	-0.13	1.180	1.406
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.74	21.50	1.191	-	-	0.15	0.915	1.090
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.74	21.50	1.191	-	-	0.07	2.110	2.514
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	23.63	24.50	1.222	50	1.000	0.03	2.020	2.468
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	DSI 4	Open	633332	3499.98	23.29	24.00	1.178	-	-	0.01	0.197	0.232
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	DSI 4	Open	633332	3499.98	23.29	24.00	1.178	-	-	-0.15	0.625	0.736
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 8	DSI 4	Open	633332	3499.98	23.29	24.00	1.178	-	-	0.09	0.291	0.343
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.64	21.50	1.219	-	-	0.06	1.100	1.341
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.64	21.50	1.219	-	-	0.01	0.867	1.057
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.64	21.50	1.219	-	-	-0.07	1.980	2.414
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	633332	3499.98	20.51	21.50	1.256	-	-	-0.06	1.880	2.361
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.88	21.50	1.153	-	-	-0.16	1.670	1.926
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.88	21.50	1.153	-	-	0.12	1.270	1.465
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.88	21.50	1.153	-	-	0.05	2.490	2.872
	FR1 n77_Part27Q HPUE	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	656000	3840	23.85	24.50	1.161	50	1.000	-0.07	2.320	2.695



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FR1 n77_Part270	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 8	DSI 4	Open	656000	3840	23.40	24.00	1.148	-	-	-0.07	0.199	0.228
FR1 n77_Part270	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 8	DSI 4	Open	656000	3840	23.40	24.00	1.148	-	-	-0.01	0.780	0.896
FR1 n77_Part270	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 8	DSI 4	Open	656000	3840	23.40	24.00	1.148	-	-	0.14	0.236	0.271
FR1 n77_Part270	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.78	21.50	1.180	-	-	-0.07	1.560	1.841
FR1 n77_Part270	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.78	21.50	1.180	-	-	0.01	1.210	1.428
FR1 n77_Part270	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.78	21.50	1.180	-	-	-0.14	2.130	2.514
FR1 n77_Part270	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.69	21.50	1.205	-	-	-0.11	1.430	1.723
FR1 n77_Part270	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.69	21.50	1.205	-	-	0.03	1.110	1.338
FR1 n77_Part270	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 8	DSI 5/6	Open	656000	3840	20.69	21.50	1.205	-	-	-0.02	2.050	2.470

UL MIMO

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip 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)
1750MHz																					
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.16	27.00	1.213	-	-	0.05	2.080	2.522
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.16	27.00	1.213	-	-	0.14	1.990	2.413
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.16	27.00	1.213	-	-	0.01	2.400	2.910
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.16	27.00	1.213	-	-	0.01	2.390	2.898
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.06	27.00	1.242	-	-	0.04	1.860	2.311
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.06	27.00	1.242	-	-	-0.08	1.780	2.211
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.06	27.00	1.242	-	-	0.12	2.130	2.646
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	26.06	27.00	1.242	-	-	0.09	2.050	2.547
	FR1 n66	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	24.39	25.50	1.291	-	-	-0.07	1.860	2.401
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	24.39	25.50	1.291	-	-	-0.11	1.760	2.272
	FR1 n66	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	24.39	25.50	1.291	-	-	-0.07	2.170	2.801
	FR1 n66	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	349000	1745	24.39	25.50	1.291	-	-	0.02	2.090	2.698
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.62	27.00	1.093	-	-	0.09	1.810	1.978
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.62	27.00	1.093	-	-	0.06	1.800	1.967
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.62	27.00	1.093	-	-	-0.14	2.100	2.294
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.55	27.00	1.110	-	-	0.03	1.610	1.786
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.55	27.00	1.110	-	-	-0.15	1.600	1.775
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	26.55	27.00	1.110	-	-	0.04	1.870	2.075
	FR1 n66	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	349000	1745	24.50	25.50	1.259	-	-	0.06	1.750	2.203
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.27	27.00	1.184	-	-	0.16	1.360	1.610
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.27	27.00	1.184	-	-	-0.02	0.661	0.782
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.27	27.00	1.184	-	-	-0.05	2.110	2.498
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.19	27.00	1.205	-	-	-0.03	1.210	1.458
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.19	27.00	1.205	-	-	-0.1	0.589	0.710
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	26.19	27.00	1.205	-	-	0.14	1.880	2.266
	FR1 n66	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	349000	1745	24.72	25.50	1.198	-	-	0.16	1.700	2.036
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.51	27.00	1.119	-	-	-0.12	1.780	1.992
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.51	27.00	1.119	-	-	-0.04	2.250	2.518
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.51	27.00	1.119	-	-	-0.14	0.875	0.979
	FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.51	27.00	1.119	-	-	0.05	2.200	2.462
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.39	27.00	1.150	-	-	0.05	1.590	1.829
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.39	27.00	1.150	-	-	-0.16	2.000	2.301
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.39	27.00	1.150	-	-	0.11	0.780	0.897
	FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	26.39	27.00	1.150	-	-	0.01	1.960	2.255
	FR1 n66	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	24.32	25.50	1.312	-	-	0.11	1.630	2.138
	FR1 n66	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	349000	1745	24.32	25.50	1.312	-	-	0.15	1.670	2.191
1900MHz																					
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.58	26.50	1.237	-	-	0.16	2.210	2.733
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.58	26.50	1.237	-	-	-0.13	2.390	2.956
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.58	26.50	1.237	-	-	-0.03	1.260	1.558



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	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.58	26.50	1.237	-	-	-0.1	2.250	2.783
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	11mm	Ant 2+3	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	-0.04	0.532	0.662
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	9mm	Ant 2+3	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	0.13	0.649	0.807
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	9mm	Ant 2+3	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	0.15	0.983	1.222
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	14mm	Ant 2+3	DSI 4	Open	376500	1882.5	26.05	27.00	1.244	-	-	-0.04	0.376	0.468
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.53	26.50	1.251	-	-	-0.1	1.980	2.477
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.53	26.50	1.251	-	-	0.06	2.270	2.840
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.53	26.50	1.251	-	-	-0.12	1.120	1.401
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	25.53	26.50	1.251	-	-	-0.06	2.000	2.502
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	24.31	25.50	1.314	-	-	-0.15	1.910	2.510
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	24.31	25.50	1.314	-	-	-0.16	2.150	2.826
	FR1 n25	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 2+3	DSI 5/6	Open	376500	1882.5	24.31	25.50	1.314	-	-	0.09	1.950	2.563
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.90	26.50	1.148	-	-	-0.02	2.120	2.434
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.90	26.50	1.148	-	-	0	2.330	2.675
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.90	26.50	1.148	-	-	-0.16	1.540	1.768
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.90	26.50	1.148	-	-	-0.03	2.110	2.422
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	6mm	Ant 2+1	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	-0.03	0.901	1.028
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2+1	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	-0.05	0.345	0.394
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	18mm	Ant 2+1	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	-0.02	0.264	0.301
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	11mm	Ant 2+1	DSI 4	Open	376500	1882.5	26.43	27.00	1.141	-	-	-0.13	0.242	0.276
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.87	26.50	1.156	-	-	-0.07	2.010	2.323
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.87	26.50	1.156	-	-	-0.08	2.150	2.485
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.87	26.50	1.156	-	-	-0.03	1.420	1.641
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	25.87	26.50	1.156	-	-	0.04	2.030	2.346
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	24.45	25.50	1.273	-	-	-0.07	1.850	2.356
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	24.45	25.50	1.273	-	-	-0.13	2.030	2.585
	FR1 n25	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	376500	1882.5	24.45	25.50	1.273	-	-	-0.03	1.890	2.407
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.35	27.00	1.162	-	-	0	2.020	2.347
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.35	27.00	1.162	-	-	0.13	1.870	2.172
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.35	27.00	1.162	-	-	0.07	1.080	1.255
	FR1 n25	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.35	27.00	1.162	-	-	-0.09	2.350	2.730
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.35	27.00	1.162	-	-	0.07	1.220	1.417
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.11	27.00	1.229	-	-	0.11	1.800	2.212
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.11	27.00	1.229	-	-	0.01	1.660	2.040
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.11	27.00	1.229	-	-	0.05	0.963	1.183
	FR1 n25	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.11	27.00	1.229	-	-	0.06	2.090	2.568
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	26.11	27.00	1.229	-	-	0.01	1.080	1.327
	FR1 n25	40M	QPSK	216	0	DFT-15	Front	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	24.43	25.50	1.278	-	-	0.11	1.820	2.327
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	24.43	25.50	1.278	-	-	-0.04	1.690	2.160
	FR1 n25	40M	QPSK	216	0	DFT-15	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	376500	1882.5	24.43	25.50	1.278	-	-	0.14	2.120	2.710
	FR1 n25	40M	QPSK	1	1	DFT-15	Front	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.15	27.00	1.216	-	-	-0.09	1.620	1.970
	FR1 n25	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.15	27.00	1.216	-	-	-0.02	1.830	2.225
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.15	27.00	1.216	-	-	0.11	1.100	1.338
	FR1 n25	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.15	27.00	1.216	-	-	0.08	2.280	2.772
	FR1 n25	40M	QPSK	108	54	DFT-15	Front	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.00	27.00	1.260	-	-	-0.04	1.530	1.928
	FR1 n25	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.00	27.00	1.260	-	-	-0.09	1.630	2.054
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.00	27.00	1.260	-	-	-0.04	1.050	1.323
	FR1 n25	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	26.00	27.00	1.260	-	-	-0.15	2.030	2.557
	FR1 n25	40M	QPSK	216	0	DFT-15	Back	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	24.64	25.50	1.219	-	-	-0.13	1.580	1.927
	FR1 n25	40M	QPSK	216	0	DFT-15	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	376500	1882.5	24.64	25.50	1.219	-	-	-0.06	2.100	2.561
2600MHz																					
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	0.11	1.160	1.377
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	-0.14	1.170	1.389
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	-0.01	0.914	1.085
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.25	27.00	1.187	50	1.000	0.16	1.780	2.113
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.06	1.300	1.584



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	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.08	1.310	1.596
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	0	1.020	1.243
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.07	2.000	2.437
	FR1 n41_PC1.5	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	28.81	30.00	1.314	25	1.000	0.07	1.850	2.431
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.07	27.00	1.240	50	1.000	0.02	1.190	1.476
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.07	27.00	1.240	50	1.000	0.16	1.200	1.488
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 2+3	DSI 5/6	Open	518598	2592.99	26.07	27.00	1.240	50	1.000	-0.02	1.700	2.108
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	0.16	1.530	1.902
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	-0.08	1.380	1.715
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	0.05	1.770	2.200
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	-0.1	0.680	0.845
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	26.06	27.00	1.243	50	1.000	0.11	1.780	2.213
	FR1 n41_PC1.5	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	29.05	30.00	1.244	25	1.000	0.14	1.690	2.103
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.11	1.360	1.726
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.11	1.230	1.561
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.03	1.570	1.992
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.05	0.606	0.769
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	-0.01	1.580	2.005
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.92	27.00	1.282	50	1.000	0.09	1.410	1.808
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.92	27.00	1.282	50	1.000	0.15	1.250	1.603
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.92	27.00	1.282	50	1.000	-0.01	1.590	2.039
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Bottom Side	0mm	Ant 2+1	DSI 5/6/9	Open	518598	2592.99	25.92	27.00	1.282	50	1.000	-0.07	1.610	2.064
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	518598	2592.99	26.14	27.00	1.219	50	1.000	-0.07	1.430	1.743
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	518598	2592.99	26.09	27.00	1.234	50	1.000	0.14	1.530	1.889
	FR1 n41_PC1.5	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	518598	2592.99	28.56	30.00	1.392	25	1.000	0.16	1.410	1.963
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 0+3	DSI 5/6/9	Open	518598	2592.99	25.97	27.00	1.269	50	1.000	0.12	1.330	1.688
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	-0.04	0.338	0.395
	FR1 n41_PC2	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	26.32	27.00	1.169	50	1.000	0.08	1.190	1.391
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	26.18	27.00	1.207	50	1.000	-0.15	0.379	0.457
	FR1 n41_PC2	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	26.18	27.00	1.207	50	1.000	0.15	1.430	1.726
	FR1 n41_PC1.5	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	28.70	30.00	1.349	25	1.000	0.08	1.400	1.888
	FR1 n41_PC2	100M	QPSK	270	0	DFT-30	Bottom Side	0mm	Ant 0+1	DSI 6/9	Open	518598	2592.99	26.04	27.00	1.248	50	1.000	-0.15	1.240	1.548
3G-4G																					
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.74	24.00	1.337	-	-	-0.08	1.050	1.404
	FR1 n48	40M	QPSK	1	1	CP-30	Back	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.74	24.00	1.337	-	-	0.07	0.872	1.166
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.74	24.00	1.337	-	-	0.16	1.430	1.912
	FR1 n48	40M	QPSK	1	1	CP-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.74	24.00	1.337	-	-	0	0.796	1.065
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	638000	3570	22.71	24.00	1.347	-	-	-0.14	1.880	2.532
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	645332	3679.98	22.66	24.00	1.362	-	-	0.03	1.860	2.534
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.65	24.00	1.366	-	-	0.08	0.944	1.289
	FR1 n48	40M	QPSK	53	27	CP-30	Back	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.65	24.00	1.366	-	-	-0.07	0.777	1.061
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.65	24.00	1.366	-	-	-0.06	1.390	1.899
	FR1 n48	40M	QPSK	53	27	CP-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	22.65	24.00	1.366	-	-	0.04	0.709	0.968
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	638000	3570	22.57	24.00	1.391	-	-	-0.01	1.670	2.323
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	645332	3679.98	22.54	24.00	1.399	-	-	-0.15	1.660	2.322
	FR1 n48	40M	QPSK	106	0	CP-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	641666	3624.99	21.37	22.50	1.297	-	-	0.02	1.350	1.750
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.72	23.50	1.505	-	-	-0.01	1.200	1.806
	FR1 n48	40M	QPSK	1	1	CP-30	Back	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.72	23.50	1.505	-	-	0.03	0.938	1.412
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.72	23.50	1.505	-	-	0.14	1.730	2.603
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.72	23.50	1.505	-	-	-0.01	1.280	1.926
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.61	23.50	1.546	-	-	0.13	1.170	1.808
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.64	23.50	1.536	-	-	0.04	1.280	1.966
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.61	23.50	1.546	-	-	-0.13	1.690	2.612
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.64	23.50	1.536	-	-	-0.08	1.850	2.841
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.61	23.50	1.546	-	-	-0.02	1.250	1.932
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.64	23.50	1.536	-	-	0.04	1.370	2.104



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	FR1 n48	40M	QPSK	1	1	CP-30	Front	11mm	Ant 4+6	DSI 4	Open	645332	3679.98	22.07	24.00	1.558	-	-	-0.04	0.136	0.212
	FR1 n48	40M	QPSK	1	1	CP-30	Back	6mm	Ant 4+6	DSI 4	Open	641666	3624.99	22.15	24.00	1.530	-	-	-0.01	0.330	0.505
	FR1 n48	40M	QPSK	1	1	CP-30	Left Side	18mm	Ant 4+6	DSI 4	Open	645332	3679.98	22.07	24.00	1.558	-	-	0.1	0.120	0.187
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	12mm	Ant 4+6	DSI 4	Open	645332	3679.98	22.07	24.00	1.558	-	-	-0.14	0.192	0.299
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.64	23.50	1.535	-	-	0.07	1.070	1.642
	FR1 n48	40M	QPSK	53	27	CP-30	Back	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.64	23.50	1.535	-	-	0.14	0.836	1.283
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.64	23.50	1.535	-	-	0.02	1.540	2.364
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	21.64	23.50	1.535	-	-	0.12	1.140	1.750
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.51	23.50	1.581	-	-	0.14	1.040	1.644
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.58	23.50	1.555	-	-	-0.02	1.140	1.773
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.51	23.50	1.581	-	-	0	1.500	2.371
	FR1 n48	40M	QPSK	53	27	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.58	23.50	1.555	-	-	0.1	1.640	2.550
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	638000	3570	21.51	23.50	1.581	-	-	0.12	1.110	1.755
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	645332	3679.98	21.58	23.50	1.555	-	-	-0.05	1.210	1.881
	FR1 n48	40M	QPSK	106	0	CP-30	Front	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	20.77	22.50	1.490	-	-	-0.01	1.130	1.684
	FR1 n48	40M	QPSK	106	0	CP-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	20.77	22.50	1.490	-	-	-0.01	1.630	2.429
	FR1 n48	40M	QPSK	106	0	CP-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	641666	3624.99	20.77	22.50	1.490	-	-	0.12	1.200	1.788
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.48	24.00	1.421	-	-	-0.01	0.940	1.335
	FR1 n48	40M	QPSK	1	1	CP-30	Back	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.48	24.00	1.421	-	-	-0.13	0.631	0.896
	FR1 n48	40M	QPSK	1	1	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.48	24.00	1.421	-	-	-0.02	1.960	2.784
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.48	24.00	1.421	-	-	0.13	1.980	2.813
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	638000	3570	22.44	24.00	1.434	-	-	0.09	2.050	2.939
114	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	645332	3679.98	22.40	24.00	1.445	-	-	-0.15	2.090	3.021
	FR1 n48	40M	QPSK	1	1	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	638000	3570	22.44	24.00	1.434	-	-	0.11	1.990	2.853
	FR1 n48	40M	QPSK	1	1	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	645332	3679.98	22.40	24.00	1.445	-	-	-0.04	2.020	2.920
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.39	24.00	1.450	-	-	-0.09	0.838	1.215
	FR1 n48	40M	QPSK	53	27	CP-30	Back	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.39	24.00	1.450	-	-	-0.06	0.562	0.815
	FR1 n48	40M	QPSK	53	27	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.39	24.00	1.450	-	-	-0.09	1.750	2.538
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	22.39	24.00	1.450	-	-	-0.04	1.900	2.755
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	638000	3570	22.30	24.00	1.481	-	-	0.11	1.930	2.857
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	645332	3679.98	22.25	24.00	1.498	-	-	0.05	1.960	2.936
	FR1 n48	40M	QPSK	53	27	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	638000	3570	22.30	24.00	1.481	-	-	0.11	1.770	2.621
	FR1 n48	40M	QPSK	53	27	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	645332	3679.98	22.25	24.00	1.498	-	-	0	1.800	2.696
	FR1 n48	40M	QPSK	106	0	CP-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	21.12	22.50	1.374	-	-	-0.14	1.820	2.501
	FR1 n48	40M	QPSK	106	0	CP-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	641666	3624.99	21.12	22.50	1.374	-	-	0.04	2.050	2.817
	FR1 n48	40M	QPSK	1	1	CP-30	Front	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.23	22.00	1.504	-	-	0.02	0.715	1.075
	FR1 n48	40M	QPSK	1	1	CP-30	Back	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.23	22.00	1.504	-	-	-0.01	0.519	0.780
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.23	22.00	1.504	-	-	-0.08	1.630	2.451
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	638000	3570	20.17	22.00	1.522	-	-	0.16	1.650	2.512
	FR1 n48	40M	QPSK	1	1	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	645332	3679.98	20.20	22.00	1.512	-	-	0.06	1.710	2.585
	FR1 n48	40M	QPSK	53	27	CP-30	Front	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.20	22.00	1.513	-	-	0.07	0.713	1.079
	FR1 n48	40M	QPSK	53	27	CP-30	Back	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.20	22.00	1.513	-	-	-0.08	0.549	0.831
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.20	22.00	1.513	-	-	-0.04	1.830	2.769
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	638000	3570	20.09	22.00	1.551	-	-	0.13	1.850	2.870
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	645332	3679.98	20.18	22.00	1.520	-	-	0.13	1.920	2.919
	FR1 n48	40M	QPSK	53	27	CP-30	Front	11mm	Ant 3+6	DSI 4	Open	641666	3624.99	22.16	24.00	1.527	-	-	-0.08	0.340	0.519
	FR1 n48	40M	QPSK	53	27	CP-30	Back	6mm	Ant 3+6	DSI 4	Open	641666	3624.99	22.16	24.00	1.527	-	-	0.07	0.090	0.137
	FR1 n48	40M	QPSK	53	27	CP-30	Top Side	12mm	Ant 3+6	DSI 4	Open	645332	3679.98	22.04	24.00	1.570	-	-	0.11	0.620	0.973
	FR1 n48	40M	QPSK	106	0	CP-30	Top Side	0mm	Ant 3+6	DSI 5	Open	641666	3624.99	20.18	22.00	1.521	-	-	-0.04	1.840	2.799
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.20	26.00	1.204	50	1.000	-0.05	1.420	1.709
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.20	26.00	1.204	50	1.000	0.08	1.530	1.841
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.20	26.00	1.204	50	1.000	-0.05	1.910	2.299
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.20	26.00	1.204	50	1.000	-0.15	2.010	2.419
	FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	28.15	29.00	1.216	25	1.000	-0.13	1.910	2.322
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 4+8	DSI 4	Open	633332	3499.98	26.22	27.00	1.197	50	1.000	0.07	0.242	0.290
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	DSI 4	Open	633332	3499.98	26.22	27.00	1.197	50	1.000	0.03	0.507	0.607



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FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 4+8	DSI 4	Open	633332	3499.98	26.22	27.00	1.197	25	1.000	-0.03	0.124	0.148
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.19	26.00	1.206	50	1.000	0.07	1.260	1.520
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.19	26.00	1.206	50	1.000	-0.15	1.360	1.641
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.19	26.00	1.206	50	1.000	-0.06	1.700	2.051
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.19	26.00	1.206	50	1.000	0.06	1.790	2.159
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.16	26.00	1.215	50	1.000	0.03	1.630	1.980
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	633332	3499.98	25.16	26.00	1.215	50	1.000	0.15	1.770	2.150
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.15	26.00	1.216	50	1.000	0	1.300	1.581
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.15	26.00	1.216	50	1.000	0.01	1.000	1.216
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.15	26.00	1.216	50	1.000	-0.02	1.930	2.347
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.15	26.00	1.216	50	1.000	0.08	1.740	2.116
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	28.20	29.00	1.202	25	1.000	-0.06	2.020	2.428
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 4+8	DSI 4	Open	656000	3840	26.18	27.00	1.208	50	1.000	-0.09	0.177	0.214
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 4+8	DSI 4	Open	656000	3840	26.18	27.00	1.208	50	1.000	0.12	0.366	0.442
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Left Side	18mm	Ant 4+8	DSI 4	Open	656000	3840	29.21	30.00	1.199	25	1.000	0.08	0.136	0.163
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 4+8	DSI 4	Open	656000	3840	26.18	27.00	1.208	50	1.000	0.1	0.092	0.111
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.13	26.00	1.223	50	1.000	0.03	1.160	1.419
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.13	26.00	1.223	50	1.000	-0.01	0.896	1.096
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.13	26.00	1.223	50	1.000	0.14	1.820	2.226
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.13	26.00	1.223	50	1.000	0.04	1.550	1.896
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.10	26.00	1.232	50	1.000	0.08	1.270	1.564
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.10	26.00	1.232	50	1.000	0.12	0.979	1.206
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.10	26.00	1.232	50	1.000	0.16	1.860	2.291
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 4+8	DSI 5/6	Open	656000	3840	25.10	26.00	1.232	50	1.000	0.13	1.660	2.044
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.71	26.50	1.199	50	1.000	0	1.350	1.619
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.71	26.50	1.199	50	1.000	0.12	1.140	1.367
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.71	26.50	1.199	50	1.000	-0.12	1.660	1.991
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.71	26.50	1.199	50	1.000	0.12	1.530	1.835
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.68	26.50	1.207	50	1.000	-0.08	1.510	1.823
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.68	26.50	1.207	50	1.000	-0.04	1.290	1.557
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.68	26.50	1.207	50	1.000	0.11	1.970	2.378
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.68	26.50	1.207	50	1.000	-0.02	1.750	2.113
FR1 n77_Part27Q_PC1.5	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	28.58	29.50	1.237	25	1.000	0.02	2.060	2.549
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	11mm	Ant 4+6	DSI 4	Open	633332	3499.98	26.16	27.00	1.214	50	1.000	0.12	0.225	0.273
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	6mm	Ant 4+6	DSI 4	Open	633332	3499.98	26.16	27.00	1.214	50	1.000	0.03	0.461	0.560
FR1 n77_Part27Q_PC1.5	100M	QPSK	135	69	DFT-30	Left Side	18mm	Ant 4+6	DSI 4	Open	633332	3499.98	28.71	30.00	1.345	25	1.000	0.11	0.151	0.203
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	12mm	Ant 4+6	DSI 4	Open	633332	3499.98	26.16	27.00	1.214	50	1.000	0.09	0.398	0.483
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.63	26.50	1.221	50	1.000	0.07	1.660	2.027
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	633332	3499.98	25.63	26.50	1.221	50	1.000	-0.02	1.590	1.942
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.68	26.50	1.208	50	1.000	0.03	1.060	1.280
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.68	26.50	1.208	50	1.000	-0.04	0.879	1.062
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.68	26.50	1.208	50	1.000	-0.11	1.610	1.944
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.68	26.50	1.208	50	1.000	0.1	1.200	1.449
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	28.76	29.50	1.186	25	1.000	-0.12	1.550	1.838
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 4+6	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	-0.01	0.201	0.245
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	6mm	Ant 4+6	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	-0.04	0.423	0.516
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Left Side	18mm	Ant 4+6	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	-0.1	0.140	0.171
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 4+6	DSI 4	Open	656000	3840	26.14	27.00	1.219	50	1.000	-0.16	0.277	0.338
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.64	26.50	1.220	50	1.000	0.05	0.945	1.153
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.64	26.50	1.220	50	1.000	0	0.783	0.955
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.64	26.50	1.220	50	1.000	-0.14	1.430	1.745
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.64	26.50	1.220	50	1.000	-0.16	1.070	1.306
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.61	26.50	1.227	50	1.000	-0.01	1.000	1.227
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.61	26.50	1.227	50	1.000	0.03	0.830	1.019
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.61	26.50	1.227	50	1.000	-0.11	1.520	1.865
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 4+6	DSI 5/6	Open	656000	3840	25.61	26.50	1.227	50	1.000	-0.04	1.130	1.387



FCC SAR Test Report

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FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.15	26.00	1.215	50	1.000	-0.01	1.470	1.787
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.15	26.00	1.215	50	1.000	-0.14	1.000	1.215
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.15	26.00	1.215	50	1.000	0	2.310	2.808
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.15	26.00	1.215	50	1.000	0.02	1.940	2.358
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	28.16	29.00	1.214	25	1.000	-0.06	2.210	2.684
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 3+8	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	-0.06	0.131	0.158
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	0.03	0.360	0.435
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 3+8	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	-0.06	0.121	0.146
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 3+8	DSI 4	Open	633332	3499.98	26.17	27.00	1.210	50	1.000	0.12	0.172	0.208
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.09	26.00	1.232	50	1.000	-0.16	1.310	1.614
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.09	26.00	1.232	50	1.000	-0.05	0.891	1.098
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.09	26.00	1.232	50	1.000	0.07	2.110	2.600
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.09	26.00	1.232	50	1.000	-0.08	1.860	2.292
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.03	26.00	1.251	50	1.000	-0.15	1.960	2.452
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	633332	3499.98	25.03	26.00	1.251	50	1.000	0.06	1.780	2.226
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.25	26.00	1.188	50	1.000	-0.06	1.470	1.747
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.25	26.00	1.188	50	1.000	-0.02	0.891	1.059
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.25	26.00	1.188	50	1.000	0.16	2.040	2.424
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.25	26.00	1.188	50	1.000	-0.05	1.720	2.044
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	28.25	29.00	1.188	25	1.000	0.11	1.910	2.270
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 3+8	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	-0.15	0.157	0.187
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	5mm	Ant 3+8	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	0.12	0.434	0.516
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Right Side	14mm	Ant 3+8	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	-0.12	0.111	0.132
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 3+8	DSI 4	Open	656000	3840	26.25	27.00	1.190	50	1.000	0.05	0.236	0.281
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.21	26.00	1.201	50	1.000	-0.06	1.310	1.573
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.21	26.00	1.201	50	1.000	-0.11	0.794	0.953
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.21	26.00	1.201	50	1.000	0.16	1.810	2.173
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.21	26.00	1.201	50	1.000	0.11	1.530	1.837
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.19	26.00	1.206	50	1.000	0.07	1.270	1.532
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.19	26.00	1.206	50	1.000	0.16	0.769	0.928
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.19	26.00	1.206	50	1.000	-0.1	1.760	2.123
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3+8	DSI 5/6	Open	656000	3840	25.19	26.00	1.206	50	1.000	-0.07	1.480	1.785
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.68	26.50	1.208	50	1.000	-0.03	2.030	2.452
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.68	26.50	1.208	50	1.000	-0.09	1.030	1.244
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.68	26.50	1.208	50	1.000	-0.1	2.120	2.560
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	28.71	29.50	1.201	25	1.000	-0.13	2.060	2.473
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 3+6	DSI 4	Open	633332	3499.98	26.19	27.00	1.206	50	1.000	0.05	0.229	0.276
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	6mm	Ant 3+6	DSI 4	Open	633332	3499.98	26.19	27.00	1.206	50	1.000	0	0.498	0.601
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 3+6	DSI 4	Open	633332	3499.98	26.19	27.00	1.206	50	1.000	-0.06	0.451	0.544
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.64	26.50	1.220	50	1.000	-0.08	1.800	2.197
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.64	26.50	1.220	50	1.000	0.07	0.918	1.120
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.64	26.50	1.220	50	1.000	-0.1	1.880	2.294
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.62	26.50	1.226	50	1.000	-0.14	1.720	2.109
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	633332	3499.98	25.62	26.50	1.226	50	1.000	-0.13	1.790	2.194
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.69	26.50	1.206	50	1.000	0.02	2.000	2.413
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.69	26.50	1.206	50	1.000	-0.05	0.917	1.106
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.69	26.50	1.206	50	1.000	0.05	2.430	2.931
FR1 n77_Part27Q_PC1.5	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	656000	3840	28.82	29.50	1.171	25	1.000	-0.06	2.410	2.822
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Front	11mm	Ant 3+6	DSI 4	Open	656000	3840	26.26	27.00	1.186	50	1.000	0	0.197	0.234
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Back	6mm	Ant 3+6	DSI 4	Open	656000	3840	26.26	27.00	1.186	50	1.000	-0.05	0.451	0.535
FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-30	Top Side	12mm	Ant 3+6	DSI 4	Open	656000	3840	26.26	27.00	1.186	50	1.000	0.16	0.304	0.360
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.67	26.50	1.210	50	1.000	-0.14	1.780	2.155
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.67	26.50	1.210	50	1.000	0.08	0.817	0.989
FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.67	26.50	1.210	50	1.000	-0.08	2.300	2.784
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Front	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.63	26.50	1.222	50	1.000	0.11	1.880	2.297
FR1 n77_Part27Q_PC2	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 3+6	DSI 5	Open	656000	3840	25.63	26.50	1.222	50	1.000	-0.05	0.866	1.058



FCC SAR Test Report

Report No. : FA420703

FR1 n77_Part270_PC2	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 3+6	DSI 5	Open	356000	3840	25.63	26.50	1.222	50	1.000	-0.12	2.440	2.981
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Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip 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)
2450 MHz																	
116	Bluetooth	DH5 1Mbps	Front	0mm	Ant 7	DSI 5/6	Open	39	2441	16.90	18.50	1.445	77.07	1.298	-0.03	0.677	1.270
	Bluetooth	DH5 1Mbps	Right Side	0mm	Ant 7	DSI 5/6	Open	39	2441	16.90	18.50	1.445	77.07	1.298	0.01	1.250	2.345
	Bluetooth	DH5 1Mbps	Right Side	0mm	Ant 7	DSI 5/6	Open	0	2402	16.32	18.00	1.472	77.07	1.298	0.06	1.320	2.523
	Bluetooth	DH5 1Mbps	Right Side	0mm	Ant 7	DSI 5/6	Open	78	2480	15.53	17.00	1.403	77.07	1.298	0.05	1.240	2.258
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 7	DSI 4	Open	39	2441	18.90	20.50	1.445	77.07	1.298	-0.01	0.128	0.240
	Bluetooth	DH5 1Mbps	Right Side	14mm	Ant 7	DSI 4	Open	0	2402	18.50	20.00	1.413	77.07	1.298	-0.08	0.490	0.898
	Bluetooth	DH5 1Mbps	Front	0mm	Ant 5	DSI 5	Open	39	2441	19.00	20.50	1.413	77.07	1.298	-0.06	0.606	1.111
	Bluetooth	DH5 1Mbps	Top Side	0mm	Ant 5	DSI 5	Open	39	2441	19.00	20.50	1.413	77.07	1.298	0.03	0.689	1.263
	Bluetooth	DH5 1Mbps	Top Side	0mm	Ant 5	DSI 5	Open	0	2402	18.50	20.00	1.413	77.07	1.298	-0.09	0.673	1.234
	Bluetooth	DH5 1Mbps	Top Side	0mm	Ant 5	DSI 5	Open	78	2480	18.40	20.00	1.445	77.07	1.298	0.02	0.511	0.959
117	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7+5	DSI 5/6	Open	1	2412	18.31	20.00	1.476	98.53	1.015	0	0.583	0.873
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7+5	DSI 5/6	Open	1	2412	18.31	20.00	1.476	98.53	1.015	-0.08	0.282	0.422
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 7+5	DSI 5/6	Open	1	2412	18.31	20.00	1.476	98.53	1.015	-0.09	1.570	2.352
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+5	DSI 5/6	Open	1	2412	18.31	20.00	1.476	98.53	1.015	-0.09	0.353	0.529
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 7+5	DSI 5/6	Open	6	2437	18.26	20.00	1.493	98.53	1.015	-0.09	1.710	2.591
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 7+5	DSI 5/6	Open	11	2462	18.09	20.00	1.552	98.53	1.015	0.06	1.780	2.805
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 7+5(7)	DSI 4	Open	1	2412	20.62	22.50	1.542	98.53	1.015	0.04	0.402	0.629
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+5(7)	DSI 4	Open	1	2412	20.62	22.50	1.542	98.53	1.015	-0.1	0.779	1.219
	WLAN2.4GHz	802.11b 1Mbps	Right Side	8mm	Ant 7+5(7)	DSI 4	Open	11	2462	20.54	22.50	1.570	98.53	1.015	-0.03	1.040	1.658
	WLAN2.4GHz	802.11b 1Mbps	Top Side	12mm	Ant 7+5(7)	DSI 4	Open	1	2412	20.62	22.50	1.542	98.53	1.015	-0.04	0.153	0.239
5 GHz																	
118	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	46	5230	18.40	20.00	1.444	100	1.000	-0.1	1.700	2.455
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	DSI 5/6	Open	38	5190	16.98	18.50	1.419	100	1.000	-0.04	1.480	2.100
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(7)	DSI 5/6	Open	54	5270	18.22	20.00	1.505	100	1.000	-0.07	1.560	2.348
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 7+5(7)	DSI 5/6	Open	54	5270	18.22	20.00	1.505	100	1.000	-0.01	0.698	1.051
119	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	54	5270	18.22	20.00	1.505	100	1.000	0.1	1.710	2.574
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	54	5270	18.22	20.00	1.505	100	1.000	-0.09	1.310	1.972
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(7)	DSI 5/6	Open	62	5310	16.43	18.00	1.434	100	1.000	0	1.260	1.807
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	62	5310	16.43	18.00	1.434	100	1.000	0.01	1.460	2.094
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(7)	DSI 5/6	Open	134	5670	18.24	20.00	1.498	100	1.000	-0.04	1.310	1.963
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 7+5(7)	DSI 5/6	Open	134	5670	18.24	20.00	1.498	100	1.000	-0.03	0.723	1.083
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	134	5670	18.24	20.00	1.498	100	1.000	0	2.010	3.011
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	134	5670	18.24	20.00	1.498	100	1.000	0.06	1.650	2.472
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	102	5510	17.57	19.50	1.558	100	1.000	-0.07	1.810	2.820
120	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	110	5550	18.18	20.00	1.519	100	1.000	0	2.100	3.190
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	126	5630	18.12	20.00	1.542	100	1.000	0.07	1.960	3.022
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	142	5710	18.17	20.00	1.523	100	1.000	-0.02	1.940	2.954
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	102	5510	17.57	19.50	1.558	100	1.000	0.04	1.730	2.695
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	110	5550	18.18	20.00	1.519	100	1.000	0.04	1.870	2.841
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	126	5630	18.12	20.00	1.542	100	1.000	-0.09	1.670	2.575
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(7)	DSI 5/6	Open	142	5710	18.17	20.00	1.523	100	1.000	-0.08	1.600	2.436
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(7)	DSI 5/6	Open	151	5755	18.14	19.50	1.366	100	1.000	0	1.340	1.831
	WLAN5.8GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	151	5755	18.14	19.50	1.366	100	1.000	0	1.720	2.350
121	WLAN5.8GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	159	5795	18.03	19.50	1.401	100	1.000	0.09	1.980	2.775



16.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 2	DSI 2	Open	518598	2592.99	17.96	18.50	1.132	-	-	0.12	1.110	1	1.257
2nd	FR1 n41	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 2	DSI 2	Open	518598	2592.99	17.96	18.50	1.132	-	-	0.05	0.994	1.117	1.126
1st	FR1 n77 Part270 HPUE	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	DSI 2	Open	656000	3840	20.31	21.00	1.172	50	1.000	-0.17	1.010	1	1.184
2nd	FR1 n77 Part270 HPUE	100M	QPSK	1	1	DFT-30	Left Cheek	0mm	Ant 8	DSI 2	Open	656000	3840	20.31	21.00	1.172	50	1.000	0.01	0.943	1.071	1.105
1st	WLAN5.5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 7+5	DSI 2	Open	114	5570	17.21	18.50	1.346	98.75	1.013	0.07	0.858	1	1.170
2nd	WLAN5.5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 7+5	DSI 2	Open	114	5570	17.21	18.50	1.346	98.75	1.013	0.01	0.831	1.032	1.133
1st	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	Open	4132	826.4	23.38	24.00	1.153	-	-	-0.09	0.994	1	1.147
2nd	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	Open	4132	826.4	23.38	24.00	1.153	-	-	0.06	0.848	1.172	0.978
1st	FR1 n48	40M	QPSK	1	1	DFT-30	Right Side	5mm	Ant 8	DSI 7	Open	638000	3570	17.35	18.00	1.161	-	-	-0.14	1.100	1	1.278
2nd	FR1 n48	40M	QPSK	1	1	DFT-30	Right Side	5mm	Ant 8	DSI 7	Open	638000	3570	17.35	18.00	1.161	-	-	0.01	1.030	1.068	1.196
1st	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 7+5	DSI 11	Close	155	5775	20.14	21.50	1.368	99.26	1.007	0.1	0.861	1	1.186
2nd	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 7+5	DSI 11	Close	155	5775	20.14	21.50	1.368	99.26	1.007	0.07	0.842	1.023	1.160
1st	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	5mm	Ant 0+1	DSI 7	Open	349000	1745	23.56	24.00	1.106	-	-	-0.15	1.140	1	1.261
2nd	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	5mm	Ant 0+1	DSI 7	Open	349000	1745	23.56	24.00	1.106	-	-	0.09	1.090	1.046	1.206
1st	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 3	Open	26140	1860	23.75	24.00	1.059	-	-	0.03	1.150	1	1.218
2nd	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 3	Open	26140	1860	23.75	24.00	1.059	-	-	0.05	1.090	1.055	1.155
1st	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	DSI 3	Open	462000	2310	22.48	23.00	1.127			0.01	1.100	1	1.240
2nd	FR1 n30	10M	QPSK	1	1	DFT-15	Back	5mm	Ant 1	DSI 3	Open	462000	2310	22.48	23.00	1.127			0.08	1.030	1.068	1.161
1st	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 3	Open	56640	3690	21.90	22.40	1.122	62.9	1.006	-0.08	1.100	1	1.242
2nd	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	DSI 3	Open	56640	3690	21.90	22.40	1.122	62.9	1.006	0.06	0.994	1.107	1.122
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Front	5mm	Ant 7+5	DSI 3	Open	11	2462	19.17	20.50	1.358	98.53	1.015	0.08	0.864	1	1.191
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Front	5mm	Ant 7+5	DSI 3	Open	11	2462	19.17	20.50	1.358	98.53	1.015	0.01	0.821	1.052	1.132
1st	WLAN5.3GHz	-	-	-	-	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	DSI 10	Close	54	5270	20.98	22.50	1.419	100	1.000	-0.02	0.827	1	1.174
2nd	WLAN5.3GHz	-	-	-	-	802.11n-HT40 MCS0	Front	5mm	Ant 7+5	DSI 10	Close	54	5270	20.98	22.50	1.419	100	1.000	0.01	0.801	1.032	1.137



<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip 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)	Ratio	Reported 10g SAR (W/kg)
1st	FR1 n70	15M	QPSK	36	22	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.37	24.00	1.156	-	-	0.03	2.760	1	3.191
2nd	FR1 n70	15M	QPSK	36	22	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	340500	1702.5	23.37	24.00	1.156	-	-	0.06	2.630	1.049	3.041
1st	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26590	1905	23.77	24.00	1.054	-	-	0.01	2.650	1	2.794
2nd	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 6/9	Open	26590	1905	23.77	24.00	1.054	-	-	0.01	2.650	1.000	2.794
1st	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	462000	2310	23.00	23.50	1.122	-	-	0.14	2.610	1	2.928
2nd	FR1 n30	10M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	DSI 6/9	Open	462000	2310	23.00	23.50	1.122	-	-	0.02	2.490	1.048	2.794
1st	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.88	23.50	1.153	-	-	0.05	2.740	1	3.160
2nd	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	DSI 5/6	Open	507000	2535	22.88	23.50	1.153	-	-	0.09	2.630	1.042	3.034
1st	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.83	20.50	1.167	-	-	-0.13	2.560	1	2.987
2nd	FR1 n48	40M	QPSK	50	28	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	641666	3624.99	19.83	20.50	1.167	-	-	0.08	2.480	1.032	2.894
1st	FR1 n77_Part270	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	19.77	20.50	1.183	-	-	0.07	2.580	1	3.052
2nd	FR1 n77_Part270	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 6	DSI 5	Open	656000	3840	19.77	20.50	1.183	-	-	0.01	2.460	1.049	2.910
1st	WLAN5.5GHz	-	-	-	-	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	110	5550	18.18	20.00	1.519	100	1.000	0	2.100	1	3.190
2nd	WLAN5.5GHz	-	-	-	-	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	DSI 5/6	Open	110	5550	18.18	20.00	1.519	100	1.000	0.05	2.030	1.034	3.084
1st	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.70	20.50	1.202			-0.16	2.360	1	2.837
2nd	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 3	DSI 5	Open	633332	3499.98	19.70	20.50	1.202			0.05	2.310	1.022	2.777

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<E Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE Band 41 and TDD n77. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

Flip-Open Mode

Head			Hopspot		
LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 2			LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 7		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	26.30
Reported 1g SAR (W/kg)	0.569	0.706	Reported 1g SAR (W/kg)	1.094	1.182
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	159.00	184.71
Linearity SAR (W/kg)	0.777		Linearity SAR (W/kg)	1.271	
% deviation from expected linearity		-9.09%	% deviation from expected linearity		-6.99%
LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 2			LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 7		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	25.50
Reported 1g SAR (W/kg)	0.176	0.218	Reported 1g SAR (W/kg)	1.132	1.197
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	159.00	153.63
Linearity SAR (W/kg)	0.240		Linearity SAR (W/kg)	1.094	
% deviation from expected linearity		-9.25%	% deviation from expected linearity		9.44%
LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 2			LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	18.80	20.40	Maximum Tune up Power (dBm)	21.90	23.50
Reported 1g SAR (W/kg)	1.158	1.181	Reported 1g SAR (W/kg)	1.075	1.125
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	48.02	47.48	Frame Averaged (mW)	98.04	96.94
Linearity SAR (W/kg)	1.145		Linearity SAR (W/kg)	1.063	
% deviation from expected linearity		3.15%	% deviation from expected linearity		5.84%
LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 2			LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	16.80	18.40	Maximum Tune up Power (dBm)	17.60	19.20
Reported 1g SAR (W/kg)	0.994	1.010	Reported 1g SAR (W/kg)	1.131	1.222
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	30.30	29.96	Frame Averaged (mW)	36.43	36.02
Linearity SAR (W/kg)	0.983		Linearity SAR (W/kg)	1.118	
% deviation from expected linearity		2.77%	% deviation from expected linearity		9.28%
FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.421	0.455	Reported 1g SAR (W/kg)	1.099	1.134
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%



Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.420		Linearity SAR (W/kg)	1.096	
% deviation from expected linearity		8.33%	% deviation from expected linearity		3.43%
FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.200	0.216	Reported 1g SAR (W/kg)	1.246	1.232
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	0.200		Linearity SAR (W/kg)	1.243	
% deviation from expected linearity		8.26%	% deviation from expected linearity		-0.89%
FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 7		
	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)	18.50	21.50	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	1.257	1.268	Reported 1g SAR (W/kg)	1.144	1.249
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	1.254		Linearity SAR (W/kg)	1.141	
% deviation from expected linearity		1.11%	% deviation from expected linearity		9.44%
FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 7		
	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)	17.50	20.50	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	1.229	1.227	Reported 1g SAR (W/kg)	1.186	1.218
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	56.23	56.10	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	1.226		Linearity SAR (W/kg)	1.183	
% deviation from expected linearity		0.07%	% deviation from expected linearity		2.94%
FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	14.50	17.50	Maximum Tune up Power (dBm)	16.50	19.50
Reported 1g SAR (W/kg)	0.810	0.809	Reported 1g SAR (W/kg)	0.815	0.853
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	28.18	28.12	Frame Averaged (mW)	44.67	44.56
Linearity SAR (W/kg)	0.808		Linearity SAR (W/kg)	0.813	
% deviation from expected linearity		0.11%	% deviation from expected linearity		4.91%
FR1 n77_Ant 3_Part 27O(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3_Part 27O(HPUE)-Linearity Data for DSI 7		
	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)	14.50	17.50	Maximum Tune up Power (dBm)	16.50	19.50
Reported 1g SAR (W/kg)	0.923	1.005	Reported 1g SAR (W/kg)	1.057	1.045
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	28.18	28.12	Frame Averaged (mW)	44.67	44.56
Linearity SAR (W/kg)	0.921		Linearity SAR (W/kg)	1.054	
% deviation from expected linearity		9.14%	% deviation from expected linearity		-0.90%
FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	15.50	18.50
Reported 1g SAR (W/kg)	1.086	1.123	Reported 1g SAR (W/kg)	0.933	0.928
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%

Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	1.083		Linearity SAR (W/kg)	0.931	
% deviation from expected linearity		3.65%	% deviation from expected linearity		-0.30%
FR1 n77_Ant 4_Part 270(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4_Part 270(HPUE)-Linearity Data for DSI 7		
	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)	15.50	18.50
Reported 1g SAR (W/kg)	0.927	0.918	Reported 1g SAR (W/kg)	0.871	0.896
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.925		Linearity SAR (W/kg)	0.869	
% deviation from expected linearity		-0.74%	% deviation from expected linearity		3.11%
FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	14.00	17.00	Maximum Tune up Power (dBm)	13.50	16.50
Reported 1g SAR (W/kg)	1.275	1.264	Reported 1g SAR (W/kg)	1.145	1.105
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	25.12	25.06	Frame Averaged (mW)	22.39	22.33
Linearity SAR (W/kg)	1.272		Linearity SAR (W/kg)	1.142	
% deviation from expected linearity		-0.63%	% deviation from expected linearity		-3.26%
FR1 n77_Ant 6_Part 27O(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 6_Part 27O(HPUE)-Linearity Data for DSI 7		
	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)	14.00	17.00	Maximum Tune up Power (dBm)	13.50	16.50
Reported 1g SAR (W/kg)	0.828	0.813	Reported 1g SAR (W/kg)	0.961	1.037
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	25.12	25.06	Frame Averaged (mW)	22.39	22.33
Linearity SAR (W/kg)	0.826		Linearity SAR (W/kg)	0.959	
% deviation from expected linearity		-1.58%	% deviation from expected linearity		8.16%
FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	16.00	19.00
Reported 1g SAR (W/kg)	1.039	1.028	Reported 1g SAR (W/kg)	0.809	0.796
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	1.037		Linearity SAR (W/kg)	0.807	
% deviation from expected linearity		-0.82%	% deviation from expected linearity		-1.37%
FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 7		
	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)	16.00	19.00
Reported 1g SAR (W/kg)	1.127	1.184	Reported 1g SAR (W/kg)	1.024	1.069
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	39.81	39.72
Linearity SAR (W/kg)	1.124		Linearity SAR (W/kg)	1.022	
% deviation from expected linearity		5.31%	% deviation from expected linearity		4.64%
Body-worn			Extremity		
LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 3			LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 6/9		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)



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Maximum Tune up Power (dBm)	24.00	26.30	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.043	1.146	Reported 10g SAR (W/kg)	1.935	2.384
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	184.71	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	1.212		Linearity SAR (W/kg)	2.641	
% deviation from expected linearity		-5.42%	% deviation from expected linearity		-9.73%
LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 3			LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 6/9		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.40	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.145	1.277	Reported 10g SAR (W/kg)	2.535	3.132
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	189.01	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	1.361		Linearity SAR (W/kg)	3.460	
% deviation from expected linearity		-6.18%	% deviation from expected linearity		-9.48%
LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 3			LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 5/6		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	21.20	22.80	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.997	1.032	Reported 10g SAR (W/kg)	2.227	2.745
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	83.45	82.51	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	0.986		Linearity SAR (W/kg)	3.040	
% deviation from expected linearity		4.69%	% deviation from expected linearity		-9.69%
LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 3			LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 5		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.80	22.40	Maximum Tune up Power (dBm)	22.60	24.20
Reported 1g SAR (W/kg)	1.216	1.279	Reported 10g SAR (W/kg)	2.745	2.536
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	76.10	75.25	Frame Averaged (mW)	115.19	113.89
Linearity SAR (W/kg)	1.202		Linearity SAR (W/kg)	2.714	
% deviation from expected linearity		6.38%	% deviation from expected linearity		-6.56%
FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 6/9		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.099	1.134	Reported 10g SAR (W/kg)	1.759	1.719
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.096		Linearity SAR (W/kg)	1.755	
% deviation from expected linearity		3.43%	% deviation from expected linearity		-2.04%
FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 6/9		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.249	1.185	Reported 10g SAR (W/kg)	2.547	2.519
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.246		Linearity SAR (W/kg)	2.541	
% deviation from expected linearity		-4.90%	% deviation from expected linearity		-0.86%
FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 5/6		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)

	3)	Class 2)		Class 3)	Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	23.50	26.50
Reported 1g SAR (W/kg)	1.139	1.094	Reported 10g SAR (W/kg)	2.704	2.959
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	223.87	223.34
Linearity SAR (W/kg)	1.136		Linearity SAR (W/kg)	2.698	
% deviation from expected linearity		-3.72%	% deviation from expected linearity		9.69%
FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 5		
	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)	21.50	24.50
Reported 1g SAR (W/kg)	1.067	1.005	Reported 10g SAR (W/kg)	2.719	2.780
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	141.25	140.92
Linearity SAR (W/kg)	1.064		Linearity SAR (W/kg)	2.713	
% deviation from expected linearity		-5.59%	% deviation from expected linearity		2.49%
FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 5		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.738	0.736	Reported 10g SAR (W/kg)	2.837	2.776
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)	0.736		Linearity SAR (W/kg)	2.830	
% deviation from expected linearity		-0.03%	% deviation from expected linearity		-1.92%
FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 5		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.880	0.854	Reported 10g SAR (W/kg)	2.944	2.826
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)	0.878		Linearity SAR (W/kg)	2.937	
% deviation from expected linearity		-2.72%	% deviation from expected linearity		-3.78%
FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	21.50	24.50
Reported 1g SAR (W/kg)	1.153	1.144	Reported 10g SAR (W/kg)	2.679	2.502
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)	1.150		Linearity SAR (W/kg)	2.673	
% deviation from expected linearity		-0.54%	% deviation from expected linearity		-6.39%
FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	21.50	24.50
Reported 1g SAR (W/kg)	0.925	0.904	Reported 10g SAR (W/kg)	2.880	2.822
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)	0.923		Linearity SAR (W/kg)	2.873	
% deviation from expected linearity		-2.04%	% deviation from expected linearity		-1.78%
FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 5		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	21.50	24.50
Reported 1g SAR (W/kg)	0.925	0.904	Reported 10g SAR (W/kg)	2.880	2.822
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)	0.923		Linearity SAR (W/kg)	2.873	
% deviation from expected linearity		-2.04%	% deviation from expected linearity		-1.78%

	3)	Class 2)		Class 3)	Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	1.216	1.153	Reported 10g SAR (W/kg)	2.694	2.589
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	1.213		Linearity SAR (W/kg)	2.688	
% deviation from expected linearity		-4.96%	% deviation from expected linearity		-3.67%
FR1 n77_Ant 6_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 6_Part 27O(HPUE)-Linearity Data for DSI 5		
	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)	20.50	23.50
Reported 1g SAR (W/kg)	1.076	1.034	Reported 10g SAR (W/kg)	3.052	3.010
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	1.073		Linearity SAR (W/kg)	3.045	
% deviation from expected linearity		-3.68%	% deviation from expected linearity		-1.14%
FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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)	21.50	24.50
Reported 1g SAR (W/kg)	1.132	1.126	Reported 10g SAR (W/kg)	2.514	2.468
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	141.25	140.92
Linearity SAR (W/kg)	1.129		Linearity SAR (W/kg)	2.508	
% deviation from expected linearity		-0.29%	% deviation from expected linearity		-1.60%
FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 5/6		
	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)	21.50	24.50
Reported 1g SAR (W/kg)	1.162	1.117	Reported 10g SAR (W/kg)	2.872	2.695
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59	Frame Averaged (mW)	141.25	140.92
Linearity SAR (W/kg)	1.159		Linearity SAR (W/kg)	2.865	
% deviation from expected linearity		-3.64%	% deviation from expected linearity		-5.94%

Flip-Close Mode

Hopspot			Body-worn		
LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 11			LTE Band 41_Ant 0(HPUE)-Linearity Data for DSI 10		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.828	1.020	Reported 1g SAR (W/kg)	0.828	1.020
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	1.130		Linearity SAR (W/kg)	1.130	
% deviation from expected linearity		-9.74%	% deviation from expected linearity		-9.74%
LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 11			LTE Band 41_Ant 1(HPUE)-Linearity Data for DSI 10		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.50	Maximum Tune up Power (dBm)	24.00	26.50
Reported 1g SAR (W/kg)	1.016	1.114	Reported 1g SAR (W/kg)	1.016	1.114
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	193.41	Frame Averaged (mW)	159.00	193.41



Linearity SAR (W/kg)	1.236		Linearity SAR (W/kg)	1.236	
% deviation from expected linearity		-9.86%	% deviation from expected linearity		-9.86%
LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 11			LTE Band 41_Ant 2(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	22.20	Maximum Tune up Power (dBm)	23.10	24.70
Reported 1g SAR (W/kg)	1.097	1.136	Reported 1g SAR (W/kg)	1.129	1.132
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	72.68	71.86	Frame Averaged (mW)	129.24	127.79
Linearity SAR (W/kg)	1.085		Linearity SAR (W/kg)	1.116	
% deviation from expected linearity		4.73%	% deviation from expected linearity		1.41%
LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 11			LTE Band 41_Ant 3(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	18.90	20.50	Maximum Tune up Power (dBm)	22.00	23.60
Reported 1g SAR (W/kg)	1.194	1.112	Reported 1g SAR (W/kg)	1.148	1.148
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	49.14	48.58	Frame Averaged (mW)	100.32	99.19
Linearity SAR (W/kg)	1.181		Linearity SAR (W/kg)	1.135	
% deviation from expected linearity		-5.81%	% deviation from expected linearity		1.14%
FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 0(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.208	1.158	Reported 1g SAR (W/kg)	1.208	1.158
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.205		Linearity SAR (W/kg)	1.205	
% deviation from expected linearity		-3.91%	% deviation from expected linearity		-3.91%
FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 1(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	23.50	26.50
Reported 1g SAR (W/kg)	0.937	1.017	Reported 1g SAR (W/kg)	1.203	1.167
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	223.87	223.34
Linearity SAR (W/kg)	0.935		Linearity SAR (W/kg)	1.200	
% deviation from expected linearity		8.80%	% deviation from expected linearity		-2.76%
FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 2(HPUE)-Linearity Data for DSI 10		
	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)	1.125	1.087	Reported 1g SAR (W/kg)	0.943	1.019
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)	1.122		Linearity SAR (W/kg)	0.941	
% deviation from expected linearity		-3.15%	% deviation from expected linearity		8.32%
FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 3(HPUE)-Linearity Data for DSI 10		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	1.221	1.259	Reported 1g SAR (W/kg)	1.148	1.073
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	158.49	158.11



Linearity SAR (W/kg)	1.218		Linearity SAR (W/kg)	1.145	
% deviation from expected linearity		3.36%	% deviation from expected linearity		-6.31%
FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	18.50	21.50	Maximum Tune up Power (dBm)	21.00	24.00
Reported 1g SAR (W/kg)	1.174	1.164	Reported 1g SAR (W/kg)	0.971	0.967
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	125.89	125.59
Linearity SAR (W/kg)	1.171		Linearity SAR (W/kg)	0.969	
% deviation from expected linearity		-0.62%	% deviation from expected linearity		-0.18%
FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 3_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	18.50	21.50	Maximum Tune up Power (dBm)	21.00	24.00
Reported 1g SAR (W/kg)	0.878	0.835	Reported 1g SAR (W/kg)	0.963	0.942
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	125.89	125.59
Linearity SAR (W/kg)	0.876		Linearity SAR (W/kg)	0.961	
% deviation from expected linearity		-4.67%	% deviation from expected linearity		-1.95%
FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	20.00	23.00
Reported 1g SAR (W/kg)	1.014	0.959	Reported 1g SAR (W/kg)	1.047	1.016
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	1.012		Linearity SAR (W/kg)	1.045	
% deviation from expected linearity		-5.20%	% deviation from expected linearity		-2.73%
FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	20.00	23.00
Reported 1g SAR (W/kg)	0.702	0.704	Reported 1g SAR (W/kg)	0.690	0.673
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	39.81	39.72	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.700		Linearity SAR (W/kg)	0.688	
% deviation from expected linearity		0.52%	% deviation from expected linearity		-2.23%
FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	14.00	17.00	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	1.128	1.157	Reported 1g SAR (W/kg)	1.113	1.095
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	25.12	25.06	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	1.125		Linearity SAR (W/kg)	1.110	
% deviation from expected linearity		2.81%	% deviation from expected linearity		-1.38%
FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 6_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	14.00	17.00	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.929	0.989	Reported 1g SAR (W/kg)	0.923	0.922
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	25.12	25.06	Frame Averaged (mW)	70.79	70.63

Linearity SAR (W/kg)	0.927		Linearity SAR (W/kg)	0.921	
% deviation from expected linearity		6.71%	% deviation from expected linearity		0.13%
FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	18.50	21.50	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.879	0.860	Reported 1g SAR (W/kg)	1.228	1.188
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	0.877		Linearity SAR (W/kg)	1.225	
% deviation from expected linearity		-1.93%	% deviation from expected linearity		-3.03%
FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 10		
	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)	18.50	21.50	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	1.016	0.974	Reported 1g SAR (W/kg)	1.126	1.093
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	158.49	158.11
Linearity SAR (W/kg)	1.014		Linearity SAR (W/kg)	1.123	
% deviation from expected linearity		-3.91%	% deviation from expected linearity		-2.70%

Flip-Open Mode UL MIMO

Head			Hopspot		
FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	0.995	1.002	Reported 1g SAR (W/kg)	1.023	0.926
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	99.76	99.53	Frame Averaged (mW)	140.92	140.59
Linearity SAR (W/kg)	0.993		Linearity SAR (W/kg)	1.021	
% deviation from expected linearity		0.94%	% deviation from expected linearity		-9.27%
FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 7		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	1.193	1.128	Reported 1g SAR (W/kg)	1.179	1.093
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	111.94	111.67	Frame Averaged (mW)	140.92	140.59
Linearity SAR (W/kg)	1.190		Linearity SAR (W/kg)	1.176	
% deviation from expected linearity		-5.22%	% deviation from expected linearity		-7.07%
FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 7		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	1.142	1.094	Reported 1g SAR (W/kg)	1.049	0.975
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	140.92	140.59
Linearity SAR (W/kg)	1.139		Linearity SAR (W/kg)	1.047	
% deviation from expected linearity		-3.98%	% deviation from expected linearity		-6.83%
FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 2			FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 7		
	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)	27.00	30.00	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	0.198	0.205	Reported 1g SAR (W/kg)	1.102	1.082
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	0.198		Linearity SAR (W/kg)	1.099	
% deviation from expected linearity		3.78%	% deviation from expected linearity		-1.58%
FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	22.50	25.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	1.084	1.012	Reported 1g SAR (W/kg)	0.891	0.969
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	88.91	88.70	Frame Averaged (mW)	56.10	55.97
Linearity SAR (W/kg)	1.081		Linearity SAR (W/kg)	0.889	
% deviation from expected linearity		-6.42%	% deviation from expected linearity		9.01%
FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	22.50	25.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.891	0.910	Reported 1g SAR (W/kg)	0.688	0.671
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	88.91	88.70	Frame Averaged (mW)	56.10	55.97
Linearity SAR (W/kg)	0.889		Linearity SAR (W/kg)	0.686	
% deviation from expected linearity		2.37%	% deviation from expected linearity		-2.24%
FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	1.152	1.139	Reported 1g SAR (W/kg)	0.963	1.044
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	50.00	49.88	Frame Averaged (mW)	44.56	44.46
Linearity SAR (W/kg)	1.149		Linearity SAR (W/kg)	0.961	
% deviation from expected linearity		-0.89%	% deviation from expected linearity		8.67%
FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	0.719	0.711	Reported 1g SAR (W/kg)	0.860	0.909
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	50.00	49.88	Frame Averaged (mW)	44.56	44.46
Linearity SAR (W/kg)	0.717		Linearity SAR (W/kg)	0.858	
% deviation from expected linearity		-0.88%	% deviation from expected linearity		5.95%
FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	20.50	23.50	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.996	1.027	Reported 1g SAR (W/kg)	0.876	0.948
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	56.10	55.97	Frame Averaged (mW)	79.24	79.06
Linearity SAR (W/kg)	0.994		Linearity SAR (W/kg)	0.874	
% deviation from expected linearity		3.36%	% deviation from expected linearity		8.48%
FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	20.50	23.50	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	0.892	0.838	Reported 1g SAR (W/kg)	0.942	0.972
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	56.10	55.97	Frame Averaged (mW)	79.24	79.06
Linearity SAR (W/kg)	0.890		Linearity SAR (W/kg)	0.940	
% deviation from expected linearity		-5.83%	% deviation from expected linearity		3.43%
FR1 n77_Ant 8_Part 27Q(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3+6_Part 27Q(HPUE)-Linearity Data for DSI 7		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	1.142	1.106	Reported 1g SAR (W/kg)	0.980	0.989
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	44.56	44.46	Frame Averaged (mW)	44.56	44.46
Linearity SAR (W/kg)	1.139		Linearity SAR (W/kg)	0.978	
% deviation from expected linearity		-2.92%	% deviation from expected linearity		1.16%
FR1 n77_Ant 8_Part 27O(HPUE)-Linearity Data for DSI 2			FR1 n77_Ant 3+6_Part 27O(HPUE)-Linearity Data for DSI 7		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	0.936	0.878	Reported 1g SAR (W/kg)	0.759	0.738
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	44.56	44.46	Frame Averaged (mW)	44.56	44.46
Linearity SAR (W/kg)	0.934		Linearity SAR (W/kg)	0.757	
% deviation from expected linearity		-5.97%	% deviation from expected linearity		-2.54%

Body-worn			Extremity		
FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 5/6		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	26.00	29.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.083	1.038	Reported 10g SAR (W/kg)	2.437	2.431
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	199.05	198.58	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	1.080		Linearity SAR (W/kg)	2.431	
% deviation from expected linearity		-3.93%	% deviation from expected linearity		-0.01%
FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 5/6/9		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	26.00	29.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.063	1.039	Reported 10g SAR (W/kg)	2.213	2.103
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	199.05	198.58	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	1.060		Linearity SAR (W/kg)	2.208	
% deviation from expected linearity		-2.03%	% deviation from expected linearity		-4.74%
FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 5/6		
	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)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.064	0.995	Reported 10g SAR (W/kg)	1.889	1.963
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	1.061		Linearity SAR (W/kg)	1.885	
% deviation from expected linearity		-6.26%	% deviation from expected linearity		4.16%
FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 3			FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 6/9		

	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)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.921	0.991	Reported 10g SAR (W/kg)	1.726	1.888
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.919		Linearity SAR (W/kg)	1.722	
% deviation from expected linearity		7.86%	% deviation from expected linearity		9.65%
FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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	28.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.138	1.128	Reported 10g SAR (W/kg)	2.419	2.322
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	158.11	157.74	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.135		Linearity SAR (W/kg)	2.413	
% deviation from expected linearity		-0.64%	% deviation from expected linearity		-3.78%
FR1 n77_Ant 4+8_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4+8_Part 27O(HPUE)-Linearity Data for DSI 5/6		
	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	28.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.120	1.082	Reported 10g SAR (W/kg)	2.347	2.428
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	158.11	157.74	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.117		Linearity SAR (W/kg)	2.341	
% deviation from expected linearity		-3.16%	% deviation from expected linearity		3.70%
FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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)	24.50	27.50	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	1.134	1.086	Reported 10g SAR (W/kg)	2.378	2.549
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	140.92	140.59	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	1.131		Linearity SAR (W/kg)	2.372	
% deviation from expected linearity		-4.01%	% deviation from expected linearity		7.45%
FR1 n77_Ant 4+6_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 4+6_Part 27O(HPUE)-Linearity Data for DSI 5/6		
	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)	24.50	27.50	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	1.197	1.133	Reported 10g SAR (W/kg)	1.944	1.838
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	140.92	140.59	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	1.194		Linearity SAR (W/kg)	1.939	
% deviation from expected linearity		-5.12%	% deviation from expected linearity		-5.23%
FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 5/6		
	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	28.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	0.928	0.906	Reported 10g SAR (W/kg)	2.808	2.684
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	158.11	157.74	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	0.926		Linearity SAR (W/kg)	2.801	
% deviation from expected linearity		-2.14%	% deviation from expected linearity		-4.19%
FR1 n77_Ant 3+8_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3+8_Part 27O(HPUE)-Linearity Data for DSI 5/6		



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	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	28.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.022	0.980	Reported 10g SAR (W/kg)	2.424	2.270
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	158.11	157.74	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.020		Linearity SAR (W/kg)	2.418	
% deviation from expected linearity		-3.88%	% deviation from expected linearity		-6.13%
FR1 n77_Ant 3+6_Part 27Q(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3+6_Part 27Q(HPUE)-Linearity Data for DSI 5		
	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)	24.50	27.50	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	1.162	1.112	Reported 10g SAR (W/kg)	2.560	2.473
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	140.92	140.59	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	1.159		Linearity SAR (W/kg)	2.554	
% deviation from expected linearity		-4.08%	% deviation from expected linearity		-3.17%
FR1 n77_Ant 3+6_Part 27O(HPUE)-Linearity Data for DSI 3			FR1 n77_Ant 3+6_Part 27O(HPUE)-Linearity Data for DSI 5		
	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)	24.50	27.50	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	1.102	1.049	Reported 10g SAR (W/kg)	2.931	2.822
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	140.92	140.59	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	1.099		Linearity SAR (W/kg)	2.924	
% deviation from expected linearity		-4.58%	% deviation from expected linearity		-3.49%

Flip-Close Mode UL MIMO

Hopspot			Body-worn		
FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 2+3(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	25.50	28.50
Reported 1g SAR (W/kg)	1.021	0.969	Reported 1g SAR (W/kg)	1.089	1.080
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	177.41	176.99
Linearity SAR (W/kg)	1.019		Linearity SAR (W/kg)	1.086	
% deviation from expected linearity		-4.87%	% deviation from expected linearity		-0.59%
FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 2+1(HPUE)-Linearity Data for DSI 10		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.037	1.095	Reported 1g SAR (W/kg)	1.074	1.039
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.035		Linearity SAR (W/kg)	1.071	
% deviation from expected linearity		5.84%	% deviation from expected linearity		-3.03%
FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 0+3(HPUE)-Linearity Data for DSI 10		
	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	28.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.052	0.977	Reported 1g SAR (W/kg)	1.010	0.962
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	158.11	157.74	Frame Averaged (mW)	250.59	250.00



Linearity SAR (W/kg)	1.050		Linearity SAR (W/kg)	1.008	
% deviation from expected linearity		-6.91%	% deviation from expected linearity		-4.53%
FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 11			FR1 n41_Ant 0+1(HPUE)-Linearity Data for DSI 10		
	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)	26.00	29.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.948	0.943	Reported 1g SAR (W/kg)	0.929	0.906
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	199.05	198.58	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.946		Linearity SAR (W/kg)	0.927	
% deviation from expected linearity		-0.29%	% deviation from expected linearity		-2.24%
FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	22.00	25.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	0.931	0.969	Reported 1g SAR (W/kg)	1.102	1.033
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	79.24	79.06	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	0.929		Linearity SAR (W/kg)	1.099	
% deviation from expected linearity		4.33%	% deviation from expected linearity		-6.04%
FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4+8_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	22.00	25.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.021	1.093	Reported 1g SAR (W/kg)	1.129	1.058
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	79.24	79.06	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.019		Linearity SAR (W/kg)	1.126	
% deviation from expected linearity		7.31%	% deviation from expected linearity		-6.07%
FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	24.00	27.00
Reported 1g SAR (W/kg)	1.022	1.099	Reported 1g SAR (W/kg)	1.130	1.087
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	50.00	49.88	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	1.020		Linearity SAR (W/kg)	1.127	
% deviation from expected linearity		7.79%	% deviation from expected linearity		-3.58%
FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 4+6_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	24.00	27.00
Reported 1g SAR (W/kg)	0.754	0.723	Reported 1g SAR (W/kg)	1.124	1.063
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	50.00	49.88	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	0.752		Linearity SAR (W/kg)	1.121	
% deviation from expected linearity		-3.88%	% deviation from expected linearity		-5.20%
FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 7			FR1 n77_Ant 3+8_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.104	1.028	Reported 1g SAR (W/kg)	0.948	0.929
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	199.05	198.58



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Linearity SAR (W/kg)	1.101		Linearity SAR (W/kg)	0.946	
% deviation from expected linearity		-6.66%	% deviation from expected linearity		-1.77%
FR1 n77_Ant 3+8_Part 27O(HPUE)-Linearity Data for DSI 7			FR1 n77_Ant 3+8_Part 27O(HPUE)-Linearity Data for DSI 10		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	26.00	29.00
Reported 1g SAR (W/kg)	1.102	1.127	Reported 1g SAR (W/kg)	1.188	1.129
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	1.099		Linearity SAR (W/kg)	1.185	
% deviation from expected linearity		2.51%	% deviation from expected linearity		-4.74%
FR1 n77_Ant 3+6_Part 27Q(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 3+6_Part 27Q(HPUE)-Linearity Data for DSI 10		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.130	1.060	Reported 1g SAR (W/kg)	1.190	1.112
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	44.56	44.46	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	1.127		Linearity SAR (W/kg)	1.187	
% deviation from expected linearity		-5.97%	% deviation from expected linearity		-6.33%
FR1 n77_Ant 3+6_Part 27O(HPUE)-Linearity Data for DSI 11			FR1 n77_Ant 3+6_Part 27O(HPUE)-Linearity Data for DSI 10		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.538	0.567	Reported 1g SAR (W/kg)	0.776	0.748
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	44.56	44.46	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	0.537		Linearity SAR (W/kg)	0.774	
% deviation from expected linearity		5.64%	% deviation from expected linearity		-3.38%

17. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN5GHz/6GHz	Yes	Yes	Yes	Yes
3.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
4.	WLAN5GHz/6GHz + Bluetooth	Yes	Yes	Yes	Yes
5.	WLAN2.4GHz + WLAN5GHz/6GHz	Yes	Yes	Yes	Yes
6.	WWAN + WLAN5GHz/6GHz + Bluetooth	Yes	Yes	Yes	Yes
7.	WWAN + WLAN2.4GHz + WLAN5GHz/6GHz	Yes	Yes	Yes	Yes
8.	WWAN + WLAN2.4GHz + NFC	Yes	Yes	Yes	Yes
9.	WWAN + WLAN5GHz/6GHz + NFC				Yes
10.	WWAN + Bluetooth + NFC				Yes
11.	WLAN5GHz/6GHz + Bluetooth + NFC				Yes
12.	WLAN2.4GHz + WLAN5GHz/6GHz + NFC				Yes
13.	WWAN + WLAN5GHz/6GHz + Bluetooth + NFC				Yes
14.	WWAN + WLAN2.4GHz				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.
- 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 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). WLAN6GHz has no hotspot function.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can't transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
- According to the EUT characteristic, WLAN 2.4GHz and Bluetooth cannot transmit simultaneously.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- The maximum SAR summation is calculated based on the same configuration and test position.
- The equipment under test (EUT) contains the Qualcomm modems supporting WWAN/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. Qualcomm Smart Transmit algorithm in WWAN/WLAN/BT directly adds the time-averaged RF exposure from WWAN/WLAN/BT. Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not exceed FCC limit. Therefore, simultaneous transmission compliance between WWAN/WLAN/BT operations is demonstrated in the Part 2 Report during algorithm validation. Simultaneous SAR for WWAN/WLAN/BT in a DSI is the worst-case reported SAR of WWAN/WLAN/BT. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in Part.1 report.
- For standalone WWAN/WLAN/BT at extremity exposure condition, always choose the highest SAR among all WWAN/WLAN/BT bands within all antennas for each exposure position to perform simultaneous transmission analysis with NFC. This is the worst co-located analysis and can represent each band.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - $SPLSR = (SAR1 + SAR2)^{1.5} / (\min. \text{ separation distance, mm})$, 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.
 - If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
- 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 5G NR + LTE + External radio (e.g: NFC) Sim-Tx analysis

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

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

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

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

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

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

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

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

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

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

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

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

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

i. A and C are decoupled based on the SPLSR criteria, and

ii. $(100-x)\% * B + C \leq 1.0$, and

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

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

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

17.2 MIMO SAR Test condition and verification

General Note:

- Smart Transmit EFS v20 (or lower) uses SISO Plimit to calculate RF exposure from MIMO transmission scenario. Therefore, if MIMO is supported for WWAN technologies (including 5G sub6 NR), below procedure should be performed for validity of Smart Transmit operation:
 - Below procedure should also be performed for Smart Transmit EFS v21 (or higher) if MIMO Plimit is not populated in the EFS but MIMO operation is supported for antennas belonging to the same antenna group (refer to Section 4.2.5 of Qualcomm's document 80-W2112-4).
- Measure SAR for supported MIMO scenarios in FTM mode with each of the MIMO antennas set to transmit continuously at $P_{test} = \text{minimum } \{Plimit(i), Pmax(i); i=1 \text{ to } n \text{ MIMO antennas}\}$, where $Plimit(i)$ 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):

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

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

Here,

- n is number of MIMO antennas (in case of 2x2MIMO, $n=2$).
 - $Plimit(i)$ is EFS $Plimit$ for antenna $i \in$ MIMO for a given tech/band/DSI. $Plimit$ corresponds to SAR_design_target .
 - $backoff(i)$ is backoff from SAR_design_target used for the i th antenna's $Plimit$ to meet TER with external radios (i.e., radios outside of Smart Transmit control). If EFS $Plimit$ 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, $MIMO.SAR @ P_{test}$) = $\min \{Plimit(i), Pmax(i), i = 1 \text{ to } n \text{ MIMO antenna}\}$. To further clarify, $P_{test} = \min \{Plimit(i), SISO.Pmax(i), MIMO.Pmax, i = 1 \text{ to } n \text{ antenna} \in MIMO\}$, where, $Plimit$ corresponds to SAR_design_target ; $SISO.Pmax$ and $MIMO.Pmax$ correspond to the maximum output power (nominal levels without device uncertainty) that device is capable; here, P_{test} is nominal power level, not measured level.
- If the $\text{reported } SAR_{MIMO}$ does not meet the above condition, then $Plimit(i)$ for each of the MIMO antenna in the Smart Transmit EFS should be reduced by $10 * \log_{10}[\text{reported } SAR_{MIMO} / \text{calc. SAR}]$ dB.
 - Per Qualcomm's document guideline, FR1/WLAN $Plimit$ is configured in the EFS and FR1/WLAN MIMO antennas belong to the same antenna group, then SAR measurement results at MIMO $Plimit$ for the corresponding FR1/WLAN MIMO transmission scenario can be referred to section 16 in this report.
 - Per Qualcomm's document guideline, BT MIMO $Plimit$ is not populated in the EFS, but MIMO operation is supported for antennas belonging to the same antenna group, the detail BT MIMO analysis results please referred to appendix H.

17.3 1g SAR Exposure Conditions

N/A.

General Note: Qualcomm Smart Transmit algorithm in WWAN/WLAN/BT directly adds the time-averaged RF exposure from WWAN/WLAN/BT. Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not exceed FCC limit. Simultaneous SAR for WWAN/WLAN/BT in a DSI is the worst-case reported SAR of WWAN/WLAN/BT.

17.4 Product specific 10g SAR Exposure Conditions

Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
	All WWAN/WLAN/BT Bands	NFC	
	10g SAR (W/kg)	10g SAR (W/kg)	
Front	3.191		3.19
Back	3.191	0.023	3.21
Left side	3.191		3.19
Right side	3.191		3.19
Top side	3.191		3.19
Bottom side	3.191		3.19

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner (144 states) antenna tuning techniques in the GSM850/1900, WCDMA II/IV/V, LTE Band 2/4/5/7/12/13/14/17/25/26/30/66/71/38/41, and 5GNR n2/5/7/12/14/25/26/30/66/70/71/38/41 for ANT0.
2. This device implements impedance tuner (144 states) antenna tuning techniques in the GSM850, WCDMA V, LTE Band 2/4/5/7/12/13/14/17/25/26/30/66/71/38/41, and 5GNR n2/5/7/12/14/26/25/30/66/70/71/38/41 for ANT1.
3. This device implements impedance tuner (144 states) antenna tuning techniques in the LTE Band 2/4/7/25/30/66/38/41, and 5GNR n2/7/25/30/66/70/38/41 for ANT3.
4. This device implements impedance tuner (16 states) antenna tuning techniques in the LTE Band 2/4/7/25/38/41/66 and 5GNR n2/7/38/41/66 for ANT2.
5. LTE B17 / B5 / B4 / B2/B38 SAR test was covered by LTE B12 / B26 / B66 / B25/B41; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
6. 5GNR n2/ n5 /n38 /n78 SAR test was covered by 5GNR n25 / n26 / n41/n77; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
7. Per 2019, April TCBC Workshop titled "RF Exposure Procedures", the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
 - 1) SAR is measured according to required procedures with dynamic tuner active allowing device to automatically tune. Auto-tune state determined by device during normal SAR measurement verified and listed alongside the reported SAR results.
 - 2) Total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
 - 3) The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
 - 4) Single point measurements performed at the peak SAR location of the highest measured SAR configuration for each combination. SAR probe remains stationary throughout the entire series of single point measurements for each combination.
 - 5) If any single point SAR measurement result is > 1.2 W/kg for 1gSAR (or > 3.0 W/kg for 10gSAR) for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination.
8. The above test procedures were followed to demonstrate that the SAR results in section 16 represented the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
9. To evaluate all of the tuner states, the 144 tuner states for ANT0/1/3 is divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination. When the single point SAR or 1g SAR was > 1.2 W/kg or 10g SAR was > 3.0 W/kg for a particular band / mode / exposure condition, point SAR measurements were made for all 144 tuner states.
10. According to KDB 648474 D04 v01r03, in order to reduce the number of SAR tests required to demonstrate compliance for the numerous tuning states, certain SAR screening procedures were considered to identify the higher SAR between body-worn and hotspot scenarios that need normally required SAR measurements and allow SAR test reduction for the lower SAR conditions.
11. According to KDB 648474 D04 v01r03, this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching. The additional tuner hardware has no influence to the antenna characteristics, other than impedance matching.
12. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

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19. 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.

20. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
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- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
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- [8] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [9] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [10] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
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- [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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