



【WCDMA SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 4	9400	1880	19.63	21.10	1.403	0.02	0.519	0.728
73	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 4	9400	1880	19.63	21.10	1.403	-0.04	0.563	0.790
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 5	9400	1880	19.63	19.70	1.016	0.02	0.519	0.527
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 5	9400	1880	19.63	19.70	1.016	-0.04	0.563	0.572
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	9400	1880	13.74	15.30	1.432	-0.14	0.418	0.599
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	9400	1880	13.74	15.30	1.432	-0.11	0.509	0.729
	WCDMA II	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	9400	1880	13.74	13.90	1.038	-0.14	0.418	0.434
	WCDMA II	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	9400	1880	13.74	13.90	1.038	-0.11	0.509	0.528
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 4	1413	1732.6	20.24	21.40	1.306	-0.03	0.522	0.682
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 4	1413	1732.6	20.24	21.40	1.306	-0.10	0.598	0.781
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 5	1413	1732.6	20.24	20.30	1.014	-0.03	0.522	0.529
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 5	1413	1732.6	20.24	20.30	1.014	-0.10	0.598	0.606
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	1413	1732.6	14.32	16.00	1.472	-0.01	0.447	0.658
74	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	1413	1732.6	14.32	16.00	1.472	-0.11	0.544	0.801
	WCDMA IV	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	1413	1732.6	14.32	14.60	1.067	-0.01	0.447	0.477
	WCDMA IV	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	1413	1732.6	14.32	14.60	1.067	-0.11	0.544	0.580
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 4	4182	836.4	21.86	21.90	1.009	0.12	0.502	0.507
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 4	4182	836.4	21.86	21.90	1.009	-0.05	0.785	0.792
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 5	4182	836.4	21.86	21.90	1.009	0.12	0.502	0.507
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 5	4182	836.4	21.86	21.90	1.009	-0.05	0.785	0.792
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 4	4182	836.4	23.98	24.50	1.127	-0.01	0.530	0.597
75	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 4	4182	836.4	23.98	24.50	1.127	-0.10	0.816	0.920
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 4	4132	826.4	23.94	24.50	1.138	0.12	0.800	0.91
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 4	4233	846.6	23.88	24.50	1.153	-0.02	0.794	0.915
	WCDMA V	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 5	4182	836.4	23.98	24.10	1.028	-0.01	0.530	0.545
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 5	4182	836.4	23.98	24.10	1.028	-0.10	0.816	0.839
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 5	4132	826.4	23.94	24.10	1.038	0.12	0.800	0.830
	WCDMA V	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 5	4233	846.6	23.88	24.10	1.052	-0.02	0.794	0.835

【LTE SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	21100	2535	16.89	18.30	1.384			-0.08	0.403	0.558
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	21100	2535	16.89	18.30	1.384			-0.11	0.408	0.565
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	21100	2535	16.89	18.30	1.384			-0.09	0.543	0.752
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	21100	2535	16.89	18.30	1.384			-0.06	0.549	0.760
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	21100+20902	2535+2515.2	16.80	18.30	1.413			0.04	0.522	0.738
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	21100	2535	16.89	16.90	1.002			-0.08	0.403	0.404
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	21100	2535	16.89	16.90	1.002			-0.11	0.408	0.409
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	21100	2535	16.89	16.90	1.002			-0.09	0.543	0.544
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	21100	2535	16.89	16.90	1.002			-0.06	0.549	0.550
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	21100+20902	2535+2515.2	16.80	16.90	1.023			0.04	0.522	0.534
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	21100	2535	15.83	17.30	1.403			0.15	0.398	0.558
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	21100	2535	15.81	17.30	1.409			0.03	0.406	0.572
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	21100	2535	15.83	17.30	1.403			0.16	0.530	0.744
76	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	21100	2535	15.81	17.30	1.409			-0.11	0.549	0.774
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	21350+21152	2560+2540.2	15.94	17.30	1.368			0.03	0.533	0.729
	LTE Band 7	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	21100	2535	14.96	15.00	1.009			0.19	0.318	0.321
	LTE Band 7	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	21100	2535	14.96	15.00	1.009			0.12	0.325	0.328
	LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	21100	2535	14.96	15.00	1.009			-0.09	0.424	0.428
	LTE Band 7	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	21100	2535	14.96	15.00	1.009			-0.08	0.439	0.443
	LTE Band 7C	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	21350+21152	2560+2540.2	14.84	15.00	1.038			-0.06	0.411	0.427
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23095	707.5	24.71	25.10	1.094			0.01	0.416	0.455
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	23095	707.5	23.60	24.10	1.122			-0.18	0.333	0.374
77	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23095	707.5	24.71	25.10	1.094			-0.04	0.634	0.694
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	23095	707.5	23.60	24.10	1.122			0.02	0.510	0.572
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	23095	707.5	22.82	23.30	1.117			0.17	0.278	0.311
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	23095	707.5	22.76	23.30	1.132			0.11	0.223	0.252
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	23095	707.5	22.82	23.30	1.117			-0.03	0.424	0.474
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	23095	707.5	22.76	23.30	1.132			-0.19	0.341	0.386
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23095	707.5	24.34	25.10	1.191			-0.05	0.406	0.484
	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23095	707.5	23.29	24.10	1.205			-0.04	0.313	0.377
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23095	707.5	24.34	25.10	1.191			0.00	0.529	0.630
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23095	707.5	23.29	24.10	1.205			0.12	0.442	0.533
	LTE Band 12	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23095	707.5	24.34	25.10	1.191			-0.05	0.406	0.484



FCC SAR TEST REPORT

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	LTE Band 12	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23095	707.5	23.29	24.10	1.205			-0.04	0.313	0.377
	LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23095	707.5	24.34	25.10	1.191			0.00	0.529	0.630
	LTE Band 12	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23095	707.5	23.29	24.10	1.205			0.12	0.442	0.533
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23230	782	23.40	23.40	1.0			-0.08	0.557	0.557
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	23230	782	23.28	23.40	1.028			0.01	0.577	0.593
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23230	782	23.40	23.40	1.0			0.03	0.796	0.796
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	23230	782	23.28	23.40	1.028			-0.16	0.762	0.783
	LTE Band 13	10M	QPSK	1	25	Front	5mm	Ant 0	ECI 5	23230	782	20.62	21.70	1.282			-0.12	0.279	0.358
	LTE Band 13	10M	QPSK	25	12	Front	5mm	Ant 0	ECI 5	23230	782	20.59	21.70	1.291			-0.18	0.288	0.372
	LTE Band 13	10M	QPSK	1	25	Back	5mm	Ant 0	ECI 5	23230	782	20.62	21.70	1.282			-0.09	0.398	0.510
	LTE Band 13	10M	QPSK	25	12	Back	5mm	Ant 0	ECI 5	23230	782	20.59	21.70	1.291			-0.01	0.381	0.492
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23230	782	23.41	25.10	1.476			0.01	0.457	0.675
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23230	782	23.11	24.10	1.256			0.06	0.418	0.525
78	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23230	782	23.41	25.10	1.476			-0.01	0.673	0.993
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23230	782	23.11	24.10	1.256			-0.01	0.606	0.761
	LTE Band 13	10M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	23230	782	23.07	24.10	1.268			0.17	0.636	0.806
	LTE Band 13	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23230	782	23.41	23.50	1.021			0.01	0.457	0.467
	LTE Band 13	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23230	782	23.11	23.50	1.094			0.06	0.418	0.457
	LTE Band 13	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23230	782	23.41	23.50	1.021			-0.01	0.673	0.687
	LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23230	782	23.11	23.50	1.094			-0.01	0.606	0.663
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	23330	793	22.90	23.40	1.122			0.11	0.477	0.535
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	23330	793	22.86	23.40	1.132			0.19	0.483	0.547
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	23330	793	22.90	23.40	1.122			0.07	0.659	0.739
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	23330	793	22.86	23.40	1.132			-0.05	0.671	0.760
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	23330	793	22.90	22.90	1.0			0.11	0.477	0.477
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	23330	793	22.86	22.90	1.009			0.19	0.483	0.487
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	23330	793	22.90	22.90	1.0			0.07	0.659	0.659
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	23330	793	22.86	22.90	1.009			-0.05	0.671	0.677
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	23330	793	22.52	24.40	1.542			-0.01	0.369	0.569
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 4	23330	793	22.43	24.10	1.469			-0.04	0.361	0.530
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	23330	793	22.52	24.40	1.542			0.02	0.521	0.803
79	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 4	23330	793	22.43	24.10	1.469			0.02	0.571	0.839
	LTE Band 14	10M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	23330	793	22.36	24.10	1.493			-0.02	0.523	0.781
	LTE Band 14	10M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	23330	793	22.52	22.60	1.019			-0.01	0.369	0.376
	LTE Band 14	10M	QPSK	25	0	Front	5mm	Ant 1	ECI 5	23330	793	22.43	22.60	1.04			-0.04	0.361	0.375
	LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	23330	793	22.52	22.60	1.019			0.02	0.521	0.531
	LTE Band 14	10M	QPSK	25	0	Back	5mm	Ant 1	ECI 5	23330	793	22.43	22.60	1.04			0.02	0.571	0.594
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	26340	1880	19.29	20.70	1.384			-0.14	0.481	0.666
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	26340	1880	19.27	20.70	1.39			0.02	0.508	0.706
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	26340	1880	19.29	20.70	1.384			-0.14	0.514	0.711
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	26340	1880	19.27	20.70	1.39			-0.10	0.537	0.746
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	26340	1880	19.29	19.30	1.002			-0.14	0.481	0.482
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	26340	1880	19.27	19.30	1.007			0.02	0.508	0.512
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	26340	1880	19.29	19.30	1.002			-0.14	0.514	0.515
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	26340	1880	19.27	19.30	1.007			-0.10	0.537	0.541
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	26340	1880	14.08	15.50	1.387			0.15	0.465	0.645
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	26340	1880	14.05	15.50	1.396			-0.03	0.471	0.658
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	26340	1880	14.08	15.50	1.387			0.13	0.549	0.761
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	26340	1880	14.05	15.50	1.396			-0.01	0.562	0.785
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	26340	1880	14.08	14.10	1.005			0.15	0.465	0.467
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	26340	1880	14.05	14.10	1.012			-0.03	0.471	0.477
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	26340	1880	14.08	14.10	1.005			0.13	0.549	0.552
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	26340	1880	14.05	14.10	1.012			-0.01	0.562	0.569
	LTE Band 25	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 4	26340	1880	19.30	20.30	1.259			0.03	0.547	0.689
	LTE Band 25	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 4	26340	1880	19.30	20.30	1.259			-0.03	0.537	0.676
80	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	26340	1880	19.30	20.30	1.259			-0.10	0.791	0.996
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	26140	1860	19.26	20.30	1.271			0.09	0.679	0.863
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	26590	1905	19.19	20.30	1.291			0.10	0.683	0.882
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	26340	1880	19.30	20.30	1.259			0.07	0.718	0.904
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	26140	1860	19.29	20.30	1.262			-0.17	0.650	0.820
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	26590	1905	19.20	20.30	1.288			-0.06	0.654	0.842
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	26340	1880	19.24	20.30	1.276			-0.09	0.737	0.940
	LTE Band 25	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 5	26340	1880	19.30	19.60	1.072			0.03	0.547	0.586
	LTE Band 25	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 5	26340	1880	19.30	19.60	1.072			0.03	0.537	0.576
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	26340	1880	19.30	19.60	1.072			-0.10	0.791	0.848
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	26140	1860	19.26	19.60	1.081			0.09	0.679	0.734
	LTE Band 25	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	26590	1905	19.19	19.60	1.099			0.10	0.683	0.751
	LTE Band 25	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 5	26340	1880	19.30	19.60	1.072			0.07	0.718	0.770
	LTE Band 25	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 5	26340	1880	19.24	19.60	1.086			-0.09	0.737	0.800
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	26340	1880	17.40	18.70	1.349			0.18	0.401	0.541
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	26340	1880	17.36	18.70	1.361			-0.17	0.423	0.576
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	26340	1880	17.40	18.70	1.349			0.03	0.553	0.746



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	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	26340	1880	17.36	18.70	1.361			-0.06	0.576	0.784
	LTE Band 25	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 5	26340	1880	17.40	17.40	1.0			0.15	0.401	0.401
	LTE Band 25	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 5	26340	1880	17.36	17.40	1.009			-0.17	0.423	0.427
	LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	26340	1880	17.40	17.40	1.0			-0.19	0.553	0.553
	LTE Band 25	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 5	26340	1880	17.36	17.40	1.009			-0.06	0.576	0.581
	LTE Band 26	15M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	26865	831.5	21.75	22.20	1.109			-0.14	0.451	0.500
	LTE Band 26	15M	QPSK	36	0	Front	5mm	Ant 0	ECI 4	26865	831.5	21.61	22.20	1.146			-0.01	0.453	0.519
	LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	26865	831.5	21.75	22.20	1.109			-0.15	0.599	0.664
	LTE Band 26	15M	QPSK	36	0	Back	5mm	Ant 0	ECI 4	26865	831.5	21.61	22.20	1.146			0.03	0.642	0.736
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 0	ECI 4	20476+20575	831.6+841.5	21.71	22.20	1.119			0.09	0.611	0.684
	LTE Band 26	15M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	26865	831.5	20.58	21.50	1.236			0.11	0.387	0.478
	LTE Band 26	15M	QPSK	36	0	Front	5mm	Ant 0	ECI 5	26865	831.5	20.41	21.50	1.285			-0.03	0.389	0.500
	LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	26865	831.5	20.58	21.50	1.236			0.13	0.514	0.635
	LTE Band 26	15M	QPSK	36	0	Back	5mm	Ant 0	ECI 5	26865	831.5	20.41	21.50	1.285			-0.05	0.551	0.708
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 0	ECI 5	20476+20575	831.6+841.5	20.61	21.50	1.227			0.09	0.550	0.675
	LTE Band 26	15M	QPSK	1	74	Front	5mm	Ant 1	ECI 4	26865	831.5	23.38	24.20	1.208			-0.17	0.569	0.687
	LTE Band 26	15M	QPSK	36	39	Front	5mm	Ant 1	ECI 4	26865	831.5	23.17	24.10	1.239			0.00	0.558	0.691
81	LTE Band 26	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 4	26865	831.5	23.38	24.20	1.208			-0.02	0.806	0.974
	LTE Band 26	15M	QPSK	36	39	Back	5mm	Ant 1	ECI 4	26865	831.5	23.17	24.10	1.239			0.01	0.774	0.959
	LTE Band 26	15M	QPSK	75	0	Back	5mm	Ant 1	ECI 4	26865	831.5	23.12	24.10	1.253			-0.12	0.765	0.959
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 1	ECI 4	20476+20575	831.6+841.5	23.22	24.20	1.253			0.05	0.744	0.932
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 1	ECI 4	20450+20549	829+838.9	23.21	24.20	1.256			0.01	0.722	0.907
	LTE Band 5B	10M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	20600+20501	844+834.1	23.20	24.20	1.259			0.09	0.721	0.908
	LTE Band 26	15M	QPSK	1	74	Front	5mm	Ant 1	ECI 5	26865	831.5	23.38	23.50	1.028			-0.17	0.569	0.585
	LTE Band 26	15M	QPSK	36	39	Front	5mm	Ant 1	ECI 5	26865	831.5	23.17	23.50	1.079			0.00	0.558	0.602
	LTE Band 26	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 5	26865	831.5	23.38	23.50	1.028			-0.02	0.806	0.829
	LTE Band 26	15M	QPSK	36	39	Back	5mm	Ant 1	ECI 5	26865	831.5	23.17	23.50	1.079			0.01	0.774	0.835
	LTE Band 26	15M	QPSK	75	0	Back	5mm	Ant 1	ECI 5	26865	831.5	23.12	23.50	1.091			-0.12	0.765	0.835
	LTE Band 5B	10M	QPSK	1	49	Back	5mm	Ant 1	ECI 5	20476+20575	831.6+841.5	23.22	23.50	1.067			0.05	0.744	0.794
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	27710	2310	16.92	18.70	1.507			0.00	0.358	0.540
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 2	ECI 4	27710	2310	16.87	18.70	1.524			0.15	0.353	0.538
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	27710	2310	16.92	18.70	1.507			0.03	0.390	0.588
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 2	ECI 4	27710	2310	16.87	18.70	1.524			0.05	0.383	0.584
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	27710	2310	16.92	17.30	1.091			0.00	0.358	0.391
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 2	ECI 5	27710	2310	16.87	17.30	1.104			0.15	0.353	0.390
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	27710	2310	16.92	17.30	1.091			0.03	0.390	0.425
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 2	ECI 5	27710	2310	16.87	17.30	1.104			0.05	0.383	0.423
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	27710	2310	15.40	17.00	1.445			0.10	0.361	0.522
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 4	27710	2310	15.22	17.00	1.507			0.08	0.357	0.538
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	27710	2310	15.40	17.00	1.445			-0.05	0.503	0.727
82	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 4	27710	2310	15.22	17.00	1.507			-0.04	0.501	0.755
	LTE Band 30	10M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	27710	2310	15.40	15.60	1.047			0.10	0.361	0.378
	LTE Band 30	10M	QPSK	25	0	Front	5mm	Ant 0	ECI 5	27710	2310	15.22	15.60	1.091			0.08	0.357	0.389
	LTE Band 30	10M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	27710	2310	15.40	15.60	1.047			-0.05	0.503	0.527
	LTE Band 30	10M	QPSK	25	0	Back	5mm	Ant 0	ECI 5	27710	2310	15.22	15.60	1.091			-0.04	0.501	0.547
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	132322	1745	20.29	21.60	1.352			-0.02	0.483	0.653
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	132322	1745	20.20	21.60	1.38			-0.01	0.495	0.683
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	132322	1745	20.29	21.60	1.352			-0.18	0.526	0.711
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	132322	1745	20.20	21.60	1.38			-0.01	0.574	0.792
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 2	ECI 4	132322+132229	1745+1735.7	20.22	21.60	1.374			0.07	0.533	0.732
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 4	132322+132124	1745+1725.2	20.15	21.60	1.396			-0.05	0.522	0.729
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	132322	1745	20.29	20.30	1.002			-0.02	0.483	0.484
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	132322	1745	20.20	20.30	1.023			-0.01	0.495	0.506
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 5	132322	1745	20.29	20.30	1.002			-0.18	0.526	0.527
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	132322	1745	20.20	20.30	1.023			-0.01	0.574	0.587
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 2	ECI 5	132322+132229	1745+1735.7	20.22	20.30	1.019			0.07	0.533	0.543
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 5	132322+132124	1745+1725.2	20.15	20.30	1.035			-0.05	0.522	0.54
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	132322	1745	14.55	16.00	1.396			0.00	0.444	0.620
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	132322	1745	14.52	16.00	1.406			-0.02	0.445	0.626
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	132322	1745	14.55	16.00	1.396			0.01	0.558	0.779
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	132322	1745	14.52	16.00	1.406			-0.10	0.558	0.785
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 0	ECI 4	132322+132229	1745+1735.7	14.14	16.00	1.535			0.03	0.511	0.784
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 4	132322+132124	1745+1725.2	14.15	16.00	1.531			0.01	0.500	0.766
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	132322	1745	14.55	14.70	1.035			0.00	0.444	0.460
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	132322	1745	14.52	14.70	1.042			-0.02	0.445	0.464
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	132322	1745	14.55	14.70	1.035			0.01	0.558	0.578
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	132322	1745	14.52	14.70	1.042			-0.10	0.558	0.581
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 0	ECI 5	132322+132229	1745+1735.7	14.14	14.70	1.138			0.03	0.511	0.582
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 5	132322+132124	1745+1725.2	14.15	14.70	1.135			0.01	0.500	0.568
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	132322	1745	22.14	23.40	1.337			-0.08	0.488	0.652
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	132322	1745	22.08	23.40	1.355			0.01	0.505	0.684
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132322	1745	22.14	23.40	1.337			0.12	0.712	0.952



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	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132072	1720	22.05	23.40	1.365			-0.04	0.689	0.940
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132572	1770	22.10	23.40	1.349			-0.10	0.693	0.935
83	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	132322	1745	22.08	23.40	1.355			-0.03	0.733	0.993
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	132072	1720	22.02	23.40	1.374			-0.05	0.708	0.973
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	132572	1770	22.07	23.40	1.358			-0.01	0.714	0.970
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	132572	1770	22.09	23.40	1.352			0.14	0.728	0.984
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 4	132322+132229	1745+1735.7	21.91	23.40	1.409			0.01	0.677	0.954
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 4	132047+132140	1717.5+1726.8	21.81	23.40	1.442			0.04	0.666	0.96
	LTE Band 66B	15M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132597+132504	1772.5+1763.2	21.87	23.40	1.422			-0.03	0.669	0.951
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132322+132124	1745+1725.2	21.94	23.40	1.400			-0.13	0.666	0.932
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	132072+132270	1720+1739.8	21.82	23.40	1.439			0.05	0.644	0.927
	LTE Band 66C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	132572+132374	1770+1750.2	21.93	23.40	1.403			-0.07	0.659	0.925
	LTE Band 66	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	132322	1745	22.14	22.60	1.112			-0.08	0.488	0.543
	LTE Band 66	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	132322	1745	22.08	22.60	1.127			0.01	0.505	0.569
	LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	132322	1745	22.14	22.60	1.112			0.12	0.712	0.792
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	132322	1745	22.08	22.60	1.127			-0.03	0.733	0.826
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	132072	1720	22.02	22.60	1.143			-0.05	0.708	0.809
	LTE Band 66	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	132572	1770	22.07	22.60	1.13			-0.01	0.714	0.807
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 5	132572	1770	22.09	22.60	1.125			0.14	0.728	0.819
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 1	ECI 5	132322+132229	1745+1735.7	21.91	22.60	1.172			0.01	0.677	0.793
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	132322+132124	1745+1725.2	21.94	22.60	1.164			-0.13	0.666	0.775
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 4	132322	1745	18.78	20.40	1.452			-0.17	0.384	0.558
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 4	132322	1745	18.62	20.40	1.507			0.05	0.379	0.571
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	132322	1745	18.78	20.40	1.452			-0.02	0.550	0.799
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	132322	1745	18.62	20.40	1.507			-0.12	0.568	0.856
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	132072	1720	18.46	20.40	1.563			0.12	0.540	0.844
	LTE Band 66	20M	QPSK	50	24	Back	5mm	Ant 5	ECI 4	132572	1770	18.49	20.40	1.552			0.15	0.549	0.852
	LTE Band 66	20M	QPSK	100	0	Back	5mm	Ant 5	ECI 4	132322	1745	18.62	20.40	1.507			0.03	0.522	0.787
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 5	ECI 4	132322+132229	1745+1735.7	18.42	20.40	1.578			0.05	0.499	0.787
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	132322+132124	1745+1725.2	18.49	20.40	1.552			0.09	0.488	0.757
	LTE Band 66	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 5	132322	1745	17.45	17.60	1.035			-0.16	0.319	0.330
	LTE Band 66	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 5	132322	1745	17.35	17.60	1.059			-0.12	0.315	0.334
	LTE Band 66	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 5	132322	1745	17.45	17.60	1.035			0.01	0.466	0.482
	LTE Band 66	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 5	132322	1745	17.35	17.60	1.059			-0.14	0.472	0.500
	LTE Band 66B	15M	QPSK	1	74	Back	5mm	Ant 5	ECI 5	132322+132229	1745+1735.7	17.11	17.60	1.119			0.03	0.441	0.493
	LTE Band 66C	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 5	132322+132124	1745+1725.2	17.13	17.60	1.114			-0.09	0.442	0.492
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	133297	680.5	24.73	25.10	1.089			-0.02	0.413	0.450
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	133297	680.5	23.66	24.10	1.107			-0.07	0.364	0.403
84	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	133297	680.5	24.73	25.10	1.089			0.02	0.643	0.700
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	133297	680.5	23.66	24.10	1.107			0.08	0.562	0.622
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	133297	680.5	22.81	23.00	1.045			-0.19	0.256	0.268
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	133297	680.5	22.82	23.00	1.042			0.14	0.225	0.234
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	133297	680.5	22.81	23.00	1.045			-0.02	0.398	0.416
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	133297	680.5	22.82	23.00	1.042			0.01	0.348	0.363
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	133297	680.5	23.43	25.10	1.469			0.02	0.270	0.397
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	133297	680.5	23.27	24.10	1.211			-0.13	0.259	0.314
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	133297	680.5	23.43	25.10	1.469			-0.01	0.368	0.541
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	133297	680.5	23.27	24.10	1.211			0.13	0.349	0.423
	LTE Band 71	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	133297	680.5	23.43	24.10	1.167			0.02	0.270	0.315
	LTE Band 71	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	133297	680.5	23.27	24.10	1.211			-0.13	0.259	0.314
	LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	133297	680.5	23.43	24.10	1.167			-0.01	0.368	0.429
	LTE Band 71	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	133297	680.5	23.27	24.10	1.211			0.13	0.349	0.423
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 4	41055	2636.5	19.82	20.50	1.169	62.9	1.006	0.08	0.463	0.544
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 4	41055	2636.5	19.78	20.50	1.18	62.9	1.006	0.01	0.470	0.558
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	19.82	20.50	1.169	62.9	1.006	0.03	0.625	0.735
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	39750	2506	19.65	20.50	1.216	62.9	1.006	-0.08	0.602	0.736
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	40185	2549.5	19.66	20.50	1.213	62.9	1.006	-0.08	0.617	0.753
	LTE Band 41	20M	QPSK	1	49	Back	5mm	Ant 2	ECI 4	40620	2593	19.69	20.50	1.205	62.9	1.006	0.10	0.605	0.733
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	ECI 4	41490	2680	19.71	20.50	1.199	62.9	1.006	-0.18	0.599	0.723
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	19.78	20.50	1.18	62.9	1.006	0.10	0.635	0.754
	LTE Band 41	20M	QPSK	50	50	Back	5mm	Ant 2	ECI 4	39750	2506	19.67	20.50	1.211	62.9	1.006	0.12	0.602	0.733
	LTE Band 41	20M	QPSK	50	50	Back	5mm	Ant 2	ECI 4	40185	2549.5	19.66	20.50	1.213	62.9	1.006	-0.12	0.634	0.774
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40620	2593	19.75	20.50	1.189	62.9	1.006	-0.17	0.618	0.739
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41490	2680	19.76	20.50	1.186	62.9	1.006	-0.03	0.607	0.724
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40620	2593	21.28	22.10	1.208	42.9	1.009	0.14	0.572	0.697
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	39750	2506	20.97	22.10	1.297	42.9	1.009	-0.05	0.542	0.709
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	40185	2549.5	21.26	22.10	1.213	42.9	1.009	0.18	0.571	0.699
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41055	2636.5	21.22	22.10	1.225	42.9	1.009	0.14	0.557	0.688
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 4	41490	2680	20.95	22.10	1.303	42.9	1.009	-0.17	0.547	0.719
	LTE Band 41C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 4	40185+40383	2549.5+2529.7	19.20	20.50	1.349	62.9	1.006	0.03	0.566	0.768
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 2	ECI 5	41055	2636.5	18.97	19.20	1.054	62.9	1.006	-0.19	0.322	0.341
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 2	ECI 5	41055	2636.5	18.93	19.20	1.064	62.9	1.006	-0.05	0.327	0.



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	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	41055	2636.5	18.93	19.20	1.064	62.9	1.006	-0.05	0.442	0.473
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 2	ECI 5	40620	2593	20.63	20.80	1.04	42.9	1.009	-0.06	0.398	0.418
	LTE Band 41C	20M	QPSK	1	99	Back	5mm	Ant 2	ECI 5	40185+40383	2549.5+2529.7	18.36	19.20	1.213	62.9	1.006	0.01	0.381	0.465
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 4	41055	2636.5	18.84	20.20	1.368	62.9	1.006	-0.18	0.367	0.505
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 4	41055	2636.5	18.77	20.20	1.39	62.9	1.006	-0.16	0.366	0.512
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	18.84	20.20	1.368	62.9	1.006	-0.07	0.515	0.709
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	39750	2506	18.76	20.20	1.393	62.9	1.006	-0.17	0.488	0.684
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	18.82	20.20	1.374	62.9	1.006	-0.17	0.503	0.695
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	40620	2593	18.77	20.20	1.39	62.9	1.006	0.09	0.502	0.702
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 4	41490	2680	18.74	20.20	1.4	62.9	1.006	0.03	0.492	0.693
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	18.77	20.20	1.39	62.9	1.006	-0.14	0.528	0.738
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	39750	2506	18.76	20.20	1.393	62.9	1.006	0.06	0.492	0.689
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	18.73	20.20	1.403	62.9	1.006	0.09	0.507	0.716
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40620	2593	18.69	20.20	1.416	62.9	1.006	-0.04	0.505	0.719
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	41490	2680	18.71	20.20	1.409	62.9	1.006	-0.03	0.495	0.702
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40620	2593	20.41	21.80	1.377	42.9	1.009	0.01	0.504	0.700
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	39750	2506	20.34	21.80	1.4	42.9	1.009	-0.06	0.478	0.675
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	40185	2549.5	20.37	21.80	1.39	42.9	1.009	0.14	0.492	0.690
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 4	41055	2636.5	20.34	21.80	1.4	42.9	1.009	0.18	0.490	0.692
	LTE Band 41_HPUE	20M	QPSK	50	50	Back	5mm	Ant 0	ECI 4	41490	2680	20.22	21.80	1.439	42.9	1.009	0.05	0.482	0.700
	LTE Band 41C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 4	40620+40818	2593+2573.2	18.51	20.20	1.476	62.9	1.006	0.02	0.488	0.725
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 0	ECI 5	41055	2636.5	17.51	17.60	1.021	62.9	1.006	0.16	0.295	0.303
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 0	ECI 5	41055	2636.5	17.47	17.60	1.03	62.9	1.006	-0.03	0.294	0.305
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	ECI 5	41055	2636.5	17.51	17.60	1.021	62.9	1.006	0.14	0.414	0.425
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	41055	2636.5	17.47	17.60	1.03	62.9	1.006	-0.10	0.417	0.432
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 0	ECI 5	40620	2593	18.98	19.20	1.052	42.9	1.009	0.10	0.405	0.430
	LTE Band 41C	20M	QPSK	1	99	Back	5mm	Ant 0	ECI 5	40185+40383	2549.5+2529.7	16.87	17.6	1.183	62.9	1.006	0.03	0.351	0.418
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 4	40620	2593	22.00	22.50	1.122	62.9	1.006	0.15	0.514	0.580
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 4	40620	2593	21.98	22.50	1.127	62.9	1.006	0.05	0.518	0.587
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	40620	2593	22.00	22.50	1.122	62.9	1.006	0.01	0.755	0.852
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	39750	2506	21.95	22.50	1.135	62.9	1.006	0.00	0.714	0.815
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	40185	2549.5	21.93	22.50	1.14	62.9	1.006	0.05	0.726	0.833
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	21.91	22.50	1.146	62.9	1.006	-0.03	0.714	0.823
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	41490	2680	21.99	22.50	1.125	62.9	1.006	0.19	0.720	0.815
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40620	2593	21.98	22.50	1.127	62.9	1.006	-0.05	0.773	0.876
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	39750	2506	21.82	22.50	1.169	62.9	1.006	-0.08	0.732	0.861
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40185	2549.5	21.87	22.50	1.156	62.9	1.006	0.02	0.735	0.855
	LTE Band 41	20M	QPSK	50	24	Back	5mm	Ant 1	ECI 4	41055	2636.5	21.79	22.50	1.178	62.9	1.006	0.14	0.733	0.869
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41490	2680	21.88	22.50	1.153	62.9	1.006	-0.15	0.738	0.856
	LTE Band 41	20M	QPSK	100	0	Back	5mm	Ant 1	ECI 4	40620	2593	21.90	22.50	1.148	62.9	1.006	-0.03	0.679	0.784
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41490	2680	23.73	24.10	1.089	42.9	1.009	-0.08	0.769	0.845
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	39750	2506	23.62	24.10	1.117	42.9	1.009	0.01	0.728	0.820
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40185	2549.5	23.56	24.10	1.132	42.9	1.009	0.03	0.731	0.835
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	40620	2593	23.72	24.10	1.091	42.9	1.009	-0.08	0.729	0.802
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	41055	2636.5	23.67	24.10	1.104	42.9	1.009	-0.08	0.734	0.818
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 4	41490+41292	2680+2660.2	21.80	22.50	1.175	62.9	1.006	0.03	0.670	0.792
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 1	ECI 5	40620	2593	19.93	20.10	1.04	62.9	1.006	0.03	0.252	0.264
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 1	ECI 5	40620	2593	19.90	20.10	1.047	62.9	1.006	0.11	0.254	0.268
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	40620	2593	19.93	20.10	1.04	62.9	1.006	-0.02	0.370	0.387
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	40620	2593	19.90	20.10	1.047	62.9	1.006	-0.19	0.379	0.399
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 5	41490	2680	21.60	21.70	1.023	42.9	1.009	0.17	0.377	0.389
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 1	ECI 5	41490+41292	2680+2660.2	19.24	20.10	1.219	62.9	1.006	0.06	0.313	0.384
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	40620	2593	19.44	19.90	1.112	62.9	1.006	0.16	0.539	0.603
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	39750	2506	19.43	19.90	1.114	62.9	1.006	-0.11	0.444	0.498
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	40185	2549.5	19.15	19.90	1.189	62.9	1.006	-0.16	0.453	0.542
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	41055	2636.5	19.25	19.90	1.161	62.9	1.006	-0.14	0.440	0.514
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	41490	2680	19.40	19.90	1.122	62.9	1.006	0.05	0.380	0.429
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	40620	2593	19.43	19.90	1.114	62.9	1.006	0.14	0.539	0.604
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	39750	2506	19.32	19.90	1.143	62.9	1.006	0.17	0.473	0.544
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	40185	2549.5	19.02	19.90	1.225	62.9	1.006	-0.18	0.482	0.594
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	41055	2636.5	19.18	19.90	1.18	62.9	1.006	0.17	0.468	0.556
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	41490	2680	19.26	19.90	1.159	62.9	1.006	0.19	0.405	0.472
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	40620	2593	19.44	19.90	1.112	62.9	1.006	0.18	0.769	0.860
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	39750	2506	19.43	19.90	1.114	62.9	1.006	0.16	0.674	0.755
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	40185	2549.5	19.15	19.90	1.189	62.9	1.006	-0.15	0.688	0.823
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	41055	2636.5	19.25	19.90	1.161	62.9	1.006	-0.17	0.669	0.781
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	41490	2680	19.40	19.90	1.122	62.9	1.006	-0.03	0.578	0.652
85	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	40620	2593	19.43	19.90	1.114	62.9	1.006	-0.06	0.787	0.882
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	39750	2506	19.32	19.90	1.143	62.9	1.006	0.15	0.758	0.872
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	40185	2549.5	19.02	19.90	1.225					



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	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	40620	2593	21.12	21.50	1.091	42.9	1.009	0.06	0.729	0.802
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	39750	2506	21.02	21.50	1.117	42.9	1.009	0.05	0.701	0.790
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	40185	2549.5	20.77	21.50	1.183	42.9	1.009	-0.18	0.724	0.864
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	41055	2636.5	20.91	21.50	1.146	42.9	1.009	-0.04	0.700	0.809
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	41490	2680	20.96	21.50	1.132	42.9	1.009	0.00	0.690	0.788
	LTE Band 41C	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	40620+40818	2593+2573.2	19.02	19.90	1.225	62.9	1.006	0.07	0.644	0.794
	LTE Band 41	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 5	41490	2680	18.25	18.40	1.035	62.9	1.006	0.04	0.333	0.347
	LTE Band 41	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 5	41490	2680	18.21	18.40	1.045	62.9	1.006	-0.06	0.333	0.350
	LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	41490	2680	18.25	18.40	1.035	62.9	1.006	0.12	0.435	0.453
	LTE Band 41	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 5	41490	2680	18.21	18.40	1.045	62.9	1.006	0.13	0.436	0.458
	LTE Band 41_HPUE	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 5	41490	2680	19.97	20.00	1.007	42.9	1.009	-0.12	0.450	0.457
	LTE Band 41C	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	41490+41292	2680+2660.2	17.77	18.40	1.156	62.9	1.006	0.03	0.388	0.451
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 6	ECI 4	55830	3609	17.80	19.20	1.38	62.9	1.006	0.18	0.224	0.311
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 6	ECI 4	55830	3609	17.70	19.20	1.413	62.9	1.006	-0.10	0.242	0.344
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 6	ECI 4	55830	3609	17.80	19.20	1.38	62.9	1.006	-0.10	0.406	0.564
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 6	ECI 4	55830	3609	17.70	19.20	1.413	62.9	1.006	-0.11	0.435	0.618
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 6	ECI 4	55340	3560	17.49	19.20	1.483	62.9	1.006	0.11	0.403	0.601
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 6	ECI 4	55990	3625	17.63	19.20	1.435	62.9	1.006	0.16	0.408	0.589
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 6	ECI 4	56150	3641	17.40	19.20	1.514	62.9	1.006	-0.05	0.381	0.580
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 6	ECI 4	56640	3690	17.46	19.20	1.493	62.9	1.006	0.12	0.405	0.608
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 6	ECI 5	55830	3609	17.80	17.80	1.0	62.9	1.006	0.18	0.224	0.225
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 6	ECI 5	55830	3609	17.70	17.80	1.023	62.9	1.006	-0.10	0.242	0.249
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 6	ECI 5	55830	3609	17.80	17.80	1.0	62.9	1.006	-0.10	0.406	0.408
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 6	ECI 5	55830	3609	17.70	17.80	1.023	62.9	1.006	-0.11	0.435	0.448
	LTE Band 48	20M	QPSK	1	0	Front	5mm	Ant 7	ECI 4	55990	3625	17.30	18.70	1.38	62.9	1.006	-0.10	0.313	0.435
	LTE Band 48	20M	QPSK	50	0	Front	5mm	Ant 7	ECI 4	55990	3625	17.28	18.70	1.387	62.9	1.006	-0.08	0.284	0.396
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 7	ECI 4	55990	3625	17.30	18.70	1.38	62.9	1.006	-0.16	0.484	0.672
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 7	ECI 4	55340	3560	17.28	18.70	1.387	62.9	1.006	0.03	0.459	0.640
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 7	ECI 4	55830	3609	17.29	18.70	1.384	62.9	1.006	-0.05	0.470	0.654
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 7	ECI 4	56150	3641	17.21	18.70	1.409	62.9	1.006	-0.12	0.456	0.646
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 7	ECI 4	56640	3690	17.21	18.70	1.409	62.9	1.006	0.10	0.459	0.651
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 7	ECI 4	55990	3625	17.28	18.70	1.387	62.9	1.006	0.07	0.460	0.642
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 7	ECI 4	55340	3560	17.18	18.70	1.419	62.9	1.006	-0.07	0.442	0.631
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 7	ECI 4	55830	3609	17.27	18.70	1.39	62.9	1.006	-0.19	0.464	0.649
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 7	ECI 4	56150	3641	16.99	18.70	1.483	62.9	1.006	0.11	0.422	0.630
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 7	ECI 4	56640	3690	17.05	18.70	1.462	62.9	1.006	-0.09	0.379	0.557
	LTE Band 48	20M	QPSK	1	0	Front	5mm	Ant 7	ECI 5	55990	3625	17.30	17.30	1.0	62.9	1.006	-0.10	0.313	0.315
	LTE Band 48	20M	QPSK	50	0	Front	5mm	Ant 7	ECI 5	55990	3625	17.28	17.30	1.005	62.9	1.006	-0.08	0.284	0.287
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 7	ECI 5	55990	3625	17.30	17.30	1.0	62.9	1.006	-0.16	0.484	0.487
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 7	ECI 5	55990	3625	17.28	17.30	1.005	62.9	1.006	0.07	0.460	0.465
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 4	55830	3609	19.16	20.80	1.459	62.9	1.006	0.12	0.263	0.386
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 4	55830	3609	19.03	20.80	1.503	62.9	1.006	-0.13	0.267	0.404
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	55830	3609	19.16	20.80	1.459	62.9	1.006	-0.14	0.479	0.703
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	55340	3560	19.02	20.80	1.507	62.9	1.006	-0.03	0.418	0.634
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	55990	3625	19.02	20.80	1.507	62.9	1.006	0.15	0.462	0.700
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	56150	3641	18.99	20.80	1.517	62.9	1.006	0.04	0.473	0.722
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 4	56640	3690	19.15	20.80	1.462	62.9	1.006	-0.07	0.517	0.760
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	55830	3609	19.03	20.80	1.503	62.9	1.006	0.01	0.486	0.735
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	55340	3560	18.97	20.80	1.524	62.9	1.006	0.06	0.414	0.635
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	55990	3625	18.99	20.80	1.517	62.9	1.006	-0.03	0.459	0.700
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 1	ECI 4	56150	3641	18.95	20.80	1.531	62.9	1.006	0.12	0.457	0.704
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 4	56640	3690	19.02	20.80	1.507	62.9	1.006	0.17	0.523	0.793
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 1	ECI 5	55830	3609	18.26	18.90	1.159	62.9	1.006	-0.07	0.179	0.209
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 1	ECI 5	55830	3609	18.09	18.90	1.205	62.9	1.006	-0.18	0.181	0.219
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 1	ECI 5	55830	3609	18.26	18.90	1.159	62.9	1.006	-0.16	0.309	0.360
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 1	ECI 5	55830	3609	18.09	18.90	1.205	62.9	1.006	0.16	0.371	0.450
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 4	55830	3609	20.87	22.30	1.39	62.9	1.006	-0.16	0.451	0.631
	LTE Band 48	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	55340	3560	20.58	22.30	1.486	62.9	1.006	-0.19	0.447	0.668
	LTE Band 48	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	55990	3625	20.79	22.30	1.416	62.9	1.006	-0.03	0.532	0.758
	LTE Band 48	20M	QPSK	1	0	Front	5mm	Ant 5	ECI 4	56150	3641	20.75	22.30	1.429	62.9	1.006	0.12	0.439	0.631
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 4	56640	3690	20.57	22.30	1.489	62.9	1.006	-0.15	0.430	0.644
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 4	55830	3609	20.79	22.30	1.416	62.9	1.006	-0.13	0.460	0.655
	LTE Band 48	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	55340	3560	20.54	22.30	1.5	62.9	1.006	-0.11	0.445	0.672
	LTE Band 48	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	55990	3625	20.77	22.30	1.422	62.9	1.006	-0.07	0.461	0.659
	LTE Band 48	20M	QPSK	50	0	Front	5mm	Ant 5	ECI 4	56150	3641	20.65	22.30	1.462	62.9	1.006	-0.03	0.505	0.743
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 4	56640	3690	20.46	22.30	1.528	62.9	1.006	0.01	0.423	0.650
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 4	55830	3609	20.87	22.30	1.39	62.9	1.006	0.15	0.599	0.838
86	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	55340	3560	20.58	22.30	1.486	62.9	1.006	0.13	0.652	0.975
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	55990	3625	20.79	22.30	1.416	62.9	1.006	-0.04	0.601	0.856
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 4	56150	3641	20.75	22.30	1.429	62.9	1.006	-0.08	0.570	0.819
	LTE Band 48	20M																	



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	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	55990	3625	20.77	22.30	1.422	62.9	1.006	0.14	0.572	0.818
	LTE Band 48	20M	QPSK	50	0	Back	5mm	Ant 5	ECI 4	56150	3641	20.65	22.30	1.462	62.9	1.006	-0.07	0.548	0.806
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 4	56640	3690	20.46	22.30	1.528	62.9	1.006	0.11	0.511	0.785
	LTE Band 48	20M	QPSK	100	0	Back	5mm	Ant 5	ECI 4	55830	3609	20.77	22.30	1.422	62.9	1.006	0.04	0.630	0.901
	LTE Band 48	20M	QPSK	1	99	Front	5mm	Ant 5	ECI 5	55830	3609	20.87	20.90	1.007	62.9	1.006	-0.16	0.451	0.457
	LTE Band 48	20M	QPSK	50	50	Front	5mm	Ant 5	ECI 5	55830	3609	20.79	20.90	1.026	62.9	1.006	-0.13	0.460	0.475
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 5	55830	3609	20.87	20.90	1.007	62.9	1.006	0.15	0.599	0.607
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	55340	3560	20.58	20.90	1.076	62.9	1.006	0.13	0.652	0.706
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	55990	3625	20.79	20.90	1.026	62.9	1.006	-0.04	0.601	0.620
	LTE Band 48	20M	QPSK	1	0	Back	5mm	Ant 5	ECI 5	56150	3641	20.75	20.90	1.035	62.9	1.006	-0.08	0.570	0.593
	LTE Band 48	20M	QPSK	1	99	Back	5mm	Ant 5	ECI 5	56640	3690	20.57	20.90	1.079	62.9	1.006	0.18	0.516	0.560
	LTE Band 48	20M	QPSK	50	50	Back	5mm	Ant 5	ECI 5	55830	3609	20.79	20.90	1.026	62.9	1.006	0.19	0.576	0.595

[FR1 SAR]

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n7	50M	BPSK	1	1	Front	5mm	Ant 2	ECI 4	507000	2535	16.74	18.50	1.5	0.10	0.392	0.588
	FR1 n7	50M	BPSK	135	0	Front	5mm	Ant 2	ECI 4	507000	2535	16.82	18.50	1.472	0.19	0.405	0.596
	FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 2	ECI 4	507000	2535	16.74	18.50	1.5	0.10	0.479	0.718
87	FR1 n7	50M	BPSK	135	0	Back	5mm	Ant 2	ECI 4	507000	2535	16.82	18.50	1.472	-0.08	0.500	0.736
	FR1 n7	50M	BPSK	1	1	Front	5mm	Ant 2	ECI 5	507000	2535	16.74	17.10	1.086	0.10	0.392	0.426
	FR1 n7	50M	BPSK	135	0	Front	5mm	Ant 2	ECI 5	507000	2535	16.82	17.10	1.067	0.19	0.405	0.432
	FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 2	ECI 5	507000	2535	16.74	17.10	1.086	0.10	0.479	0.520
	FR1 n7	50M	BPSK	135	0	Back	5mm	Ant 2	ECI 5	507000	2535	16.82	17.10	1.067	-0.08	0.500	0.534
	FR1 n7	50M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	507000	2535	15.99	17.40	1.384	0.02	0.316	0.437
	FR1 n7	50M	BPSK	135	0	Front	5mm	Ant 0	ECI 4	507000	2535	15.92	17.40	1.406	-0.01	0.335	0.471
	FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	507000	2535	15.99	17.40	1.384	0.13	0.466	0.645
	FR1 n7	50M	BPSK	135	0	Back	5mm	Ant 0	ECI 4	507000	2535	15.92	17.40	1.406	-0.14	0.508	0.714
	FR1 n7	50M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	507000	2535	15.99	16.00	1.002	0.02	0.316	0.317
	FR1 n7	50M	BPSK	135	0	Front	5mm	Ant 0	ECI 5	507000	2535	15.92	16.00	1.019	-0.01	0.335	0.341
	FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	507000	2535	15.99	16.00	1.002	0.13	0.466	0.467
	FR1 n7	50M	BPSK	135	0	Back	5mm	Ant 0	ECI 5	507000	2535	15.92	16.00	1.019	-0.14	0.508	0.518
	FR1 n12	15M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	141500	707.5	24.70	25.10	1.096	0.01	0.383	0.420
	FR1 n12	15M	BPSK	36	22	Front	5mm	Ant 0	ECI 4	141500	707.5	24.64	25.10	1.112	0.06	0.377	0.419
	FR1 n12	15M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	141500	707.5	24.70	25.10	1.096	0.01	0.650	0.712
88	FR1 n12	15M	BPSK	36	22	Back	5mm	Ant 0	ECI 4	141500	707.5	24.64	25.10	1.112	0.01	0.710	0.790
	FR1 n12	15M	BPSK	1	77	Front	5mm	Ant 0	ECI 5	141500	707.5	23.08	24.10	1.265	0.05	0.292	0.369
	FR1 n12	15M	BPSK	36	43	Front	5mm	Ant 0	ECI 5	141500	707.5	23.09	24.10	1.262	0.16	0.288	0.363
	FR1 n12	15M	BPSK	1	77	Back	5mm	Ant 0	ECI 5	141500	707.5	23.08	24.10	1.265	-0.10	0.496	0.627
	FR1 n12	15M	BPSK	36	43	Back	5mm	Ant 0	ECI 5	141500	707.5	23.09	24.10	1.262	-0.02	0.542	0.684
	FR1 n12	15M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	141500	707.5	24.43	25.10	1.167	-0.11	0.358	0.418
	FR1 n12	15M	BPSK	36	22	Front	5mm	Ant 1	ECI 4	141500	707.5	24.50	25.10	1.148	0.02	0.324	0.372
	FR1 n12	15M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	141500	707.5	24.43	25.10	1.167	-0.02	0.457	0.533
	FR1 n12	15M	BPSK	36	22	Back	5mm	Ant 1	ECI 4	141500	707.5	24.50	25.10	1.148	-0.06	0.417	0.479
	FR1 n12	15M	BPSK	1	1	Front	5mm	Ant 1	ECI 5	141500	707.5	24.43	25.00	1.14	-0.11	0.358	0.408
	FR1 n12	15M	BPSK	36	22	Front	5mm	Ant 1	ECI 5	141500	707.5	24.50	25.00	1.122	0.02	0.324	0.364
	FR1 n12	15M	BPSK	1	1	Back	5mm	Ant 1	ECI 5	141500	707.5	24.43	25.00	1.14	-0.02	0.457	0.521
	FR1 n12	15M	BPSK	36	22	Back	5mm	Ant 1	ECI 5	141500	707.5	24.50	25.00	1.122	-0.06	0.417	0.468
	FR1 n13	10M	BPSK	1	50	Front	5mm	Ant 0	ECI 4	156400	782	21.92	23.10	1.312	0.12	0.375	0.492
	FR1 n13	10M	BPSK	25	14	Front	5mm	Ant 0	ECI 4	156400	782	21.94	23.10	1.306	0.17	0.373	0.487
	FR1 n13	10M	BPSK	1	50	Back	5mm	Ant 0	ECI 4	156400	782	21.92	23.10	1.312	0.15	0.569	0.747
89	FR1 n13	10M	BPSK	25	14	Back	5mm	Ant 0	ECI 4	156400	782	21.94	23.10	1.306	-0.08	0.586	0.765
	FR1 n13	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	156400	782	20.95	21.60	1.161	0.02	0.284	0.330
	FR1 n13	10M	BPSK	25	27	Front	5mm	Ant 0	ECI 5	156400	782	21.01	21.60	1.146	0.11	0.283	0.324
	FR1 n13	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	156400	782	20.95	21.60	1.161	-0.03	0.446	0.518
	FR1 n13	10M	BPSK	25	27	Back	5mm	Ant 0	ECI 5	156400	782	21.01	21.60	1.146	-0.05	0.444	0.509
	FR1 n13	10M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	156400	782	24.23	25.10	1.222	0.12	0.419	0.512
	FR1 n13	10M	BPSK	25	14	Front	5mm	Ant 1	ECI 4	156400	782	24.24	25.10	1.219	0.06	0.404	0.492
	FR1 n13	10M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	156400	782	24.23	25.10	1.222	-0.00	0.536	0.655
	FR1 n13	10M	BPSK	25	14	Back	5mm	Ant 1	ECI 4	156400	782	24.24	25.10	1.219	-0.19	0.516	0.629
	FR1 n13	10M	BPSK	1	50	Front	5mm	Ant 1	ECI 5	156400	782	23.55	23.80	1.059	0.12	0.306	0.324
	FR1 n13	10M	BPSK	25	14	Front	5mm	Ant 1	ECI 5	156400	782	23.60	23.80	1.047	0.01	0.295	0.309
	FR1 n13	10M	BPSK	1	50	Back	5mm	Ant 1	ECI 5	156400	782	23.55	23.80	1.059	0.00	0.391	0.414
	FR1 n13	10M	BPSK	25	14	Back	5mm	Ant 1	ECI 5	156400	782	23.60	23.80	1.047	0.18	0.376	0.394
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	158600	793	22.02	22.90	1.225	0.13	0.416	0.510
	FR1 n14	10M	BPSK	25	0	Front	5mm	Ant 0	ECI 4	158600	793	22.04	22.90	1.219	-0.05	0.424	0.517
	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	158600	793	22.02	22.90	1.225	-0.03	0.627	0.768
	FR1 n14	10M	BPSK	25	0	Back	5mm	Ant 0	ECI 4	158600	793	22.04	22.90	1.219	-0.02	0.638	0.778
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	158600	793	22.02	22.90	1.225	0.13	0.416	0.510
	FR1 n14	10M	BPSK	25	0	Front	5mm	Ant 0	ECI 5	158600	793	22.04	22.90	1.219	-0.05	0.424	0.517
	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	158600	793	22.02	22.90	1.225	-0.03	0.627	0.768



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	FR1 n14	10M	BPSK	25	0	Back	5mm	Ant 0	ECI 5	158600	793	22.04	22.90	1.219	-0.02	0.638	0.778
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	158600	793	23.57	25.00	1.39	0.12	0.553	0.769
	FR1 n14	10M	BPSK	25	14	Front	5mm	Ant 1	ECI 4	158600	793	23.53	25.00	1.403	0.06	0.513	0.720
90	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	158600	793	23.57	25.00	1.39	-0.02	0.687	0.955
	FR1 n14	10M	BPSK	25	14	Back	5mm	Ant 1	ECI 4	158600	793	23.53	25.00	1.403	0.15	0.657	0.922
	FR1 n14	10M	BPSK	50	0	Back	5mm	Ant 1	ECI 4	158600	793	23.53	24.50	1.25	-0.15	0.682	0.853
	FR1 n14	10M	BPSK	1	1	Front	5mm	Ant 1	ECI 5	158600	793	21.18	22.60	1.387	0.09	0.365	0.506
	FR1 n14	10M	BPSK	25	0	Front	5mm	Ant 1	ECI 5	158600	793	21.11	22.60	1.409	-0.06	0.338	0.476
	FR1 n14	10M	BPSK	1	1	Back	5mm	Ant 1	ECI 5	158600	793	21.18	22.60	1.387	0.05	0.453	0.628
	FR1 n14	10M	BPSK	25	0	Back	5mm	Ant 1	ECI 5	158600	793	21.11	22.60	1.409	0.01	0.434	0.612
	FR1 n25	40M	BPSK	1	1	Front	5mm	Ant 2	ECI 4	376500	1882.5	20.13	21.40	1.34	-0.13	0.480	0.643
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 2	ECI 4	376500	1882.5	20.10	21.40	1.349	0.01	0.511	0.689
	FR1 n25	40M	BPSK	1	1	Back	5mm	Ant 2	ECI 4	376500	1882.5	20.13	21.40	1.34	0.05	0.544	0.729
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 2	ECI 4	376500	1882.5	20.10	21.40	1.349	-0.12	0.582	0.785
	FR1 n25	40M	BPSK	1	1	Front	5mm	Ant 2	ECI 5	376500	1882.5	20.13	20.50	1.089	-0.13	0.480	0.523
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 2	ECI 5	376500	1882.5	20.10	20.50	1.096	0.01	0.511	0.560
	FR1 n25	40M	BPSK	1	1	Back	5mm	Ant 2	ECI 5	376500	1882.5	20.13	20.50	1.089	0.05	0.544	0.592
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 2	ECI 5	376500	1882.5	20.10	20.50	1.096	-0.12	0.582	0.638
	FR1 n25	40M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	376500	1882.5	15.29	16.40	1.291	0.05	0.493	0.636
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 0	ECI 4	376500	1882.5	15.27	16.40	1.297	0.06	0.517	0.671
	FR1 n25	40M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	376500	1882.5	15.29	16.40	1.291	-0.16	0.572	0.738
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 0	ECI 4	376500	1882.5	15.27	16.40	1.297	0.01	0.605	0.785
	FR1 n25	40M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	376500	1882.5	15.29	15.30	1.002	0.05	0.493	0.494
	FR1 n25	40M	BPSK	108	0	Front	5mm	Ant 0	ECI 5	376500	1882.5	15.27	15.30	1.007	0.06	0.517	0.521
	FR1 n25	40M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	376500	1882.5	15.29	15.30	1.002	-0.16	0.572	0.573
	FR1 n25	40M	BPSK	108	0	Back	5mm	Ant 0	ECI 5	376500	1882.5	15.27	15.30	1.007	0.01	0.605	0.609
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 1	ECI 4	376500	1882.5	19.83	20.80	1.25	0.07	0.497	0.621
	FR1 n25	40M	BPSK	108	54	Front	5mm	Ant 1	ECI 4	376500	1882.5	19.85	20.80	1.245	0.12	0.501	0.624
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 1	ECI 4	376500	1882.5	19.83	20.80	1.25	0.17	0.781	0.976
91	FR1 n25	40M	BPSK	108	54	Back	5mm	Ant 1	ECI 4	376500	1882.5	19.85	20.80	1.245	-0.04	0.787	0.980
	FR1 n25	40M	BPSK	216	0	Back	5mm	Ant 1	ECI 4	376500	1882.5	19.83	20.80	1.25	0.17	0.776	0.970
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 1	ECI 5	376500	1882.5	19.83	20.10	1.064	0.07	0.497	0.529
	FR1 n25	40M	BPSK	108	54	Front	5mm	Ant 1	ECI 5	376500	1882.5	19.85	20.10	1.059	0.12	0.501	0.531
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 1	ECI 5	376500	1882.5	19.83	20.10	1.064	0.17	0.781	0.831
	FR1 n25	40M	BPSK	108	54	Back	5mm	Ant 1	ECI 5	376500	1882.5	19.85	20.10	1.059	-0.04	0.787	0.833
	FR1 n25	40M	BPSK	216	0	Back	5mm	Ant 1	ECI 5	376500	1882.5	19.83	20.10	1.064	0.17	0.776	0.826
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 5	ECI 4	376500	1882.5	17.57	19.00	1.39	-0.05	0.424	0.589
	FR1 n25	40M	BPSK	108	54	Front	5mm	Ant 5	ECI 4	376500	1882.5	17.57	19.00	1.39	0.10	0.432	0.600
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 5	ECI 4	376500	1882.5	17.57	19.00	1.39	-0.12	0.541	0.752
	FR1 n25	40M	BPSK	108	54	Back	5mm	Ant 5	ECI 4	376500	1882.5	17.57	19.00	1.39	-0.01	0.549	0.763
	FR1 n25	40M	BPSK	1	108	Front	5mm	Ant 5	ECI 5	376500	1882.5	17.57	17.60	1.007	-0.05	0.424	0.427
	FR1 n25	40M	BPSK	108	54	Front	5mm	Ant 5	ECI 5	376500	1882.5	17.57	17.60	1.007	0.10	0.432	0.435
	FR1 n25	40M	BPSK	1	108	Back	5mm	Ant 5	ECI 5	376500	1882.5	17.57	17.60	1.007	-0.12	0.541	0.545
	FR1 n25	40M	BPSK	108	54	Back	5mm	Ant 5	ECI 5	376500	1882.5	17.57	17.60	1.007	-0.01	0.549	0.553
	FR1 n26	20M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	166300	831.5	22.01	22.30	1.069	0.01	0.553	0.591
	FR1 n26	20M	BPSK	50	0	Front	5mm	Ant 0	ECI 4	166300	831.5	22.02	22.30	1.067	0.06	0.560	0.598
	FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	166300	831.5	22.01	22.30	1.069	0.05	0.729	0.779
	FR1 n26	20M	BPSK	50	0	Back	5mm	Ant 0	ECI 4	166300	831.5	22.02	22.30	1.067	0.06	0.740	0.790
	FR1 n26	20M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	166300	831.5	22.01	22.20	1.045	0.01	0.553	0.578
	FR1 n26	20M	BPSK	50	0	Front	5mm	Ant 0	ECI 5	166300	831.5	22.02	22.20	1.042	0.06	0.560	0.584
	FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	166300	831.5	22.01	22.20	1.045	0.05	0.729	0.762
	FR1 n26	20M	BPSK	50	0	Back	5mm	Ant 0	ECI 5	166300	831.5	22.02	22.20	1.042	0.06	0.740	0.771
	FR1 n26	20M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	166300	831.5	23.37	24.70	1.358	-0.19	0.563	0.765
	FR1 n26	20M	BPSK	50	28	Front	5mm	Ant 1	ECI 4	166300	831.5	23.29	24.70	1.384	-0.12	0.586	0.811
	FR1 n26	20M	BPSK	100	0	Front	5mm	Ant 1	ECI 4	166300	831.5	23.35	24.60	1.334	-0.03	0.559	0.746
	FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	166300	831.5	23.37	24.70	1.358	0.03	0.693	0.941
92	FR1 n26	20M	BPSK	50	28	Back	5mm	Ant 1	ECI 4	166300	831.5	23.29	24.70	1.384	-0.02	0.720	0.996
	FR1 n26	20M	BPSK	100	0	Back	5mm	Ant 1	ECI 4	166300	831.5	23.35	24.60	1.334	0.02	0.690	0.920
	FR1 n26	20M	BPSK	1	1	Front	5mm	Ant 1	ECI 5	166300	831.5	23.37	24.00	1.156	-0.19	0.563	0.651
	FR1 n26	20M	BPSK	50	28	Front	5mm	Ant 1	ECI 5	166300	831.5	23.29	24.00	1.178	-0.12	0.586	0.690
	FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 1	ECI 5	166300	831.5	23.37	24.00	1.156	0.03	0.693	0.801
	FR1 n26	20M	BPSK	50	28	Back	5mm	Ant 1	ECI 5	166300	831.5	23.29	24.00	1.178	-0.02	0.720	0.848
	FR1 n26	20M	BPSK	100	0	Back	5mm	Ant 1	ECI 5	166300	831.5	23.35	24.00	1.161	0.02	0.690	0.801
	FR1 n30	10M	BPSK	1	1	Front	5mm	Ant 2	ECI 4	462000	2310	17.57	19.30	1.489	-0.03	0.407	0.606
	FR1 n30	10M	BPSK	25	0	Front	5mm	Ant 2	ECI 4	462000	2310	17.69	19.30	1.449	-0.01	0.374	0.542
	FR1 n30	10M	BPSK	1	1	Back	5mm	Ant 2	ECI 4	462000	2310	17.57	19.30	1.489	0.16	0.351	0.523
	FR1 n30	10M	BPSK	25	0	Back	5mm	Ant 2	ECI 4	462000	2310	17.69	19.30	1.449	0.03	0.354	0.513
	FR1 n30	10M	BPSK	1	1	Front	5mm	Ant 2	ECI 5	462000	2310	17.57	17.90	1.079	-0.03	0.407	0.439
	FR1 n30	10M	BPSK	25	0	Front	5mm	Ant 2	ECI 5	462000	2310	17.69	17.90	1.05	-0.01	0.374	0.393
	FR1 n30	10M	BPSK	1	1	Back	5mm	Ant 2	ECI 5	462000	2310	17.57	17.90	1.079	0.16	0.351	0.379
	FR1 n30	10M	BPSK	25	0	Back	5mm	Ant 2	ECI 5	462000	2310	17.69	17.90	1.05	0.03	0.354	0.372
	FR1 n30	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	462000	2310	15.32	17.00	1.472	0.16	0.345	0.508



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	FR1 n30	10M	BPSK	25	14	Front	5mm	Ant 0	ECI 4	462000	2310	15.35	17.00	1.462	-0.14	0.345	0.504
	FR1 n30	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	462000	2310	15.32	17.00	1.472	0.01	0.420	0.618
93	FR1 n30	10M	BPSK	25	14	Back	5mm	Ant 0	ECI 4	462000	2310	15.35	17.00	1.462	-0.16	0.506	0.740
	FR1 n30	10M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	462000	2310	15.32	15.60	1.067	0.16	0.345	0.368
	FR1 n30	10M	BPSK	25	14	Front	5mm	Ant 0	ECI 5	462000	2310	15.35	15.60	1.059	-0.14	0.345	0.365
	FR1 n30	10M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	462000	2310	15.32	15.60	1.067	0.01	0.420	0.448
	FR1 n30	10M	BPSK	25	14	Back	5mm	Ant 0	ECI 5	462000	2310	15.35	15.60	1.059	-0.16	0.506	0.536
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 2	ECI 4	349000	1745	20.37	21.70	1.358	-0.17	0.534	0.725
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 2	ECI 4	349000	1745	20.36	21.70	1.361	-0.02	0.549	0.747
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 2	ECI 4	349000	1745	20.37	21.70	1.358	-0.01	0.576	0.782
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 2	ECI 4	349000	1745	20.36	21.70	1.361	-0.01	0.572	0.778
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 2	ECI 5	349000	1745	20.37	20.50	1.03	-0.17	0.534	0.550
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 2	ECI 5	349000	1745	20.36	20.50	1.033	-0.02	0.549	0.567
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 2	ECI 5	349000	1745	20.37	20.50	1.03	-0.01	0.576	0.593
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 2	ECI 5	349000	1745	20.36	20.50	1.033	-0.01	0.572	0.591
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 0	ECI 4	349000	1745	15.18	16.50	1.355	0.11	0.475	0.644
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 0	ECI 4	349000	1745	15.17	16.50	1.358	0.00	0.479	0.650
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 0	ECI 4	349000	1745	15.18	16.50	1.355	-0.07	0.577	0.782
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 0	ECI 4	349000	1745	15.17	16.50	1.358	-0.11	0.585	0.794
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 0	ECI 5	349000	1745	15.18	15.20	1.005	0.11	0.475	0.477
	FR1 n66	45M	BPSK	120	60	Front	5mm	Ant 0	ECI 5	349000	1745	15.17	15.20	1.007	0.00	0.479	0.482
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 0	ECI 5	349000	1745	15.18	15.20	1.005	-0.07	0.577	0.580
	FR1 n66	45M	BPSK	120	60	Back	5mm	Ant 0	ECI 5	349000	1745	15.17	15.20	1.007	-0.11	0.585	0.589
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 1	ECI 4	349000	1745	22.62	23.40	1.197	0.06	0.585	0.700
	FR1 n66	45M	BPSK	120	0	Front	5mm	Ant 1	ECI 4	349000	1745	22.66	23.40	1.186	0.02	0.591	0.701
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 1	ECI 4	349000	1745	22.62	23.40	1.197	0.08	0.800	0.958
	FR1 n66	45M	BPSK	120	0	Back	5mm	Ant 1	ECI 4	349000	1745	22.66	23.40	1.186	0.07	0.796	0.944
94	FR1 n66	45M	BPSK	240	0	Back	5mm	Ant 1	ECI 4	349000	1745	22.60	23.40	1.202	-0.05	0.817	0.982
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 1	ECI 5	349000	1745	22.62	22.70	1.019	0.06	0.585	0.596
	FR1 n66	45M	BPSK	120	0	Front	5mm	Ant 1	ECI 5	349000	1745	22.66	22.70	1.009	0.02	0.591	0.596
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 1	ECI 5	349000	1745	22.62	22.70	1.019	0.08	0.800	0.815
	FR1 n66	45M	BPSK	120	0	Back	5mm	Ant 1	ECI 5	349000	1745	22.66	22.70	1.009	0.07	0.796	0.803
	FR1 n66	45M	BPSK	240	0	Back	5mm	Ant 1	ECI 5	349000	1745	22.60	22.70	1.023	-0.05	0.817	0.836
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 5	ECI 4	349000	1745	19.22	20.20	1.253	0.00	0.486	0.609
	FR1 n66	45M	BPSK	120	120	Front	5mm	Ant 5	ECI 4	349000	1745	19.23	20.20	1.25	0.18	0.493	0.616
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 5	ECI 4	349000	1745	19.22	20.20	1.253	0.03	0.702	0.880
	FR1 n66	45M	BPSK	120	120	Back	5mm	Ant 5	ECI 4	349000	1745	19.23	20.20	1.25	-0.18	0.708	0.885
	FR1 n66	45M	BPSK	240	0	Back	5mm	Ant 5	ECI 4	349000	1745	19.06	20.20	1.3	0.12	0.660	0.858
	FR1 n66	45M	BPSK	1	120	Front	5mm	Ant 5	ECI 5	349000	1745	18.27	18.30	1.007	-0.05	0.353	0.355
	FR1 n66	45M	BPSK	120	120	Front	5mm	Ant 5	ECI 5	349000	1745	18.28	18.30	1.005	-0.02	0.359	0.361
	FR1 n66	45M	BPSK	1	120	Back	5mm	Ant 5	ECI 5	349000	1745	18.27	18.30	1.007	-0.11	0.510	0.514
	FR1 n66	45M	BPSK	120	120	Back	5mm	Ant 5	ECI 5	349000	1745	18.28	18.30	1.005	0.08	0.515	0.518
	FR1 n70	15M	BPSK	1	1	Front	5mm	Ant 2	ECI 4	340500	1702.5	20.38	21.70	1.355	0.02	0.518	0.702
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 2	ECI 4	340500	1702.5	20.41	21.70	1.346	0.06	0.516	0.695
	FR1 n70	15M	BPSK	1	1	Back	5mm	Ant 2	ECI 4	340500	1702.5	20.38	21.70	1.355	0.09	0.576	0.780
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 2	ECI 4	340500	1702.5	20.41	21.70	1.346	0.01	0.587	0.790
	FR1 n70	15M	BPSK	1	1	Front	5mm	Ant 2	ECI 5	340500	1702.5	20.38	20.80	1.102	0.02	0.518	0.571
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 2	ECI 5	340500	1702.5	20.41	20.80	1.094	0.06	0.516	0.565
	FR1 n70	15M	BPSK	1	1	Back	5mm	Ant 2	ECI 5	340500	1702.5	20.38	20.80	1.102	0.09	0.576	0.635
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 2	ECI 5	340500	1702.5	20.41	20.80	1.094	0.01	0.587	0.642
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 0	ECI 4	340500	1702.5	15.19	16.50	1.352	0.18	0.439	0.594
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 0	ECI 4	340500	1702.5	15.13	16.50	1.371	0.07	0.426	0.584
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 0	ECI 4	340500	1702.5	15.19	16.50	1.352	0.15	0.578	0.781
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 0	ECI 4	340500	1702.5	15.13	16.50	1.371	-0.04	0.564	0.773
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 0	ECI 5	340500	1702.5	15.19	15.80	1.151	0.18	0.439	0.505
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 0	ECI 5	340500	1702.5	15.13	15.80	1.167	0.07	0.426	0.497
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 0	ECI 5	340500	1702.5	15.19	15.80	1.151	0.15	0.578	0.665
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 0	ECI 5	340500	1702.5	15.13	15.80	1.167	-0.04	0.564	0.658
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 1	ECI 4	340500	1702.5	22.61	24.50	1.545	0.18	0.483	0.746
	FR1 n70	15M	BPSK	36	22	Front	5mm	Ant 1	ECI 4	340500	1702.5	22.58	24.50	1.556	-0.08	0.445	0.692
95	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 1	ECI 4	340500	1702.5	22.61	24.50	1.545	0.04	0.593	0.916
	FR1 n70	15M	BPSK	36	22	Back	5mm	Ant 1	ECI 4	340500	1702.5	22.58	24.50	1.556	0.18	0.575	0.895
	FR1 n70	15M	BPSK	75	0	Back	5mm	Ant 1	ECI 4	340500	1702.5	22.63	24.30	1.469	-0.07	0.573	0.842
	FR1 n70	15M	BPSK	1	77	Front	5mm	Ant 1	ECI 5	340500	1702.5	22.61	23.80	1.315	0.18	0.483	0.635
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 1	ECI 5	340500	1702.5	22.65	23.80	1.303	-0.16	0.459	0.598
	FR1 n70	15M	BPSK	1	77	Back	5mm	Ant 1	ECI 5	340500	1702.5	22.61	23.80	1.315	0.04	0.593	0.780
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 1	ECI 5	340500	1702.5	22.65	23.80	1.303	0.11	0.598	0.779
	FR1 n70	15M	BPSK	1	1	Front	5mm	Ant 5	ECI 4	340500	1702.5	17.95	19.90	1.567	0.19	0.341	0.534
	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 5	ECI 4	340500	1702.5	18.02	19.90	1.542	0.02	0.353	0.544
	FR1 n70	15M	BPSK	1	1	Back	5mm	Ant 5	ECI 4	340500	1702.5	17.95	19.90	1.567	0.08	0.462	0.724
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 5	ECI 4	340500	1702.5	18.02	19.90	1.542	0.02	0.466	0.719
	FR1 n70	15M	BPSK	1	1	Front	5mm	Ant 5	ECI 5	340500	1702.5	17.95	18.50	1.135	0.19	0.341	0.387



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	FR1 n70	15M	BPSK	36	0	Front	5mm	Ant 5	ECI 5	340500	1702.5	18.02	18.50	1.117	0.02	0.353	0.394
	FR1 n70	15M	BPSK	1	1	Back	5mm	Ant 5	ECI 5	340500	1702.5	17.95	18.50	1.135	0.08	0.462	0.524
	FR1 n70	15M	BPSK	36	0	Back	5mm	Ant 5	ECI 5	340500	1702.5	18.02	18.50	1.117	0.02	0.466	0.521
	FR1 n71	35M	BPSK	1	1	Front	5mm	Ant 0	ECI 4	136100	680.5	24.76	25.10	1.081	0.02	0.402	0.435
	FR1 n71	35M	BPSK	90	45	Front	5mm	Ant 0	ECI 4	136100	680.5	24.77	25.10	1.079	-0.03	0.483	0.521
	FR1 n71	35M	BPSK	1	1	Back	5mm	Ant 0	ECI 4	136100	680.5	24.76	25.10	1.081	0.01	0.567	0.613
96	FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 0	ECI 4	136100	680.5	24.77	25.10	1.079	-0.01	0.685	0.739
	FR1 n71	35M	BPSK	1	1	Front	5mm	Ant 0	ECI 5	136100	680.5	22.04	22.90	1.219	0.15	0.208	0.254
	FR1 n71	35M	BPSK	90	0	Front	5mm	Ant 0	ECI 5	136100	680.5	22.09	22.90	1.205	-0.12	0.250	0.301
	FR1 n71	35M	BPSK	1	1	Back	5mm	Ant 0	ECI 5	136100	680.5	22.04	22.90	1.219	0.17	0.294	0.358
	FR1 n71	35M	BPSK	90	0	Back	5mm	Ant 0	ECI 5	136100	680.5	22.09	22.90	1.205	0.01	0.355	0.428
	FR1 n71	35M	BPSK	1	186	Front	5mm	Ant 1	ECI 4	136100	680.5	24.59	25.10	1.125	0.04	0.227	0.255
	FR1 n71	35M	BPSK	90	45	Front	5mm	Ant 1	ECI 4	136100	680.5	24.58	25.10	1.127	0.18	0.281	0.317
	FR1 n71	35M	BPSK	1	186	Back	5mm	Ant 1	ECI 4	136100	680.5	24.59	25.10	1.125	0.04	0.346	0.389
	FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 1	ECI 4	136100	680.5	24.58	25.10	1.127	0.01	0.425	0.479
	FR1 n71	35M	BPSK	1	186	Front	5mm	Ant 1	ECI 5	136100	680.5	24.59	24.80	1.05	0.04	0.227	0.238
	FR1 n71	35M	BPSK	90	45	Front	5mm	Ant 1	ECI 5	136100	680.5	24.58	24.80	1.052	0.18	0.281	0.296
	FR1 n71	35M	BPSK	1	186	Back	5mm	Ant 1	ECI 5	136100	680.5	24.59	24.80	1.05	0.04	0.346	0.363
	FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 1	ECI 5	136100	680.5	24.58	24.80	1.052	0.01	0.425	0.447
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 2	ECI 4	518598	2592.99	17.34	19.00	1.466	0.18	0.369	0.541
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 2	ECI 4	518598	2592.99	17.19	19.00	1.517	0.08	0.357	0.542
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 2	ECI 4	518598	2592.99	17.34	19.00	1.466	-0.14	0.530	0.777
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 2	ECI 4	518598	2592.99	17.19	19.00	1.517	-0.02	0.443	0.672
	FR1 n41_HPUE	100M	BPSK	1	1	Back	5mm	Ant 2	ECI 4	518598	2592.99	20.21	22.00	1.51	0.07	0.410	0.728
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 2	ECI 4	518598+528594	2592.99+2642.97	18.61	19.00	1.094	0.11	0.588	0.643
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 2	ECI 4	518598+537582	2592.99+2687.91	18.58	19.00	1.102	0.13	0.569	0.627
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 2	ECI 5	518598	2592.99	17.34	17.50	1.038	0.18	0.369	0.383
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 2	ECI 5	518598	2592.99	17.19	17.50	1.074	0.08	0.357	0.383
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 2	ECI 5	518598	2592.99	17.34	17.50	1.038	-0.14	0.530	0.550
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 2	ECI 5	518598	2592.99	17.19	17.50	1.074	-0.02	0.443	0.476
	FR1 n41_HPUE	100M	BPSK	1	1	Back	5mm	Ant 2	ECI 5	518598	2592.99	20.21	20.50	1.069	0.07	0.410	0.515
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 2	ECI 5	518598+528594	2592.99+2642.97	16.59	17.50	1.233	0.06	0.395	0.487
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 2	ECI 5	518598+537582	2592.99+2687.91	16.57	17.50	1.239	0.08	0.388	0.481
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 0	ECI 4	518598	2592.99	15.44	17.00	1.432	0.11	0.321	0.460
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 0	ECI 4	518598	2592.99	15.36	17.00	1.459	-0.13	0.336	0.490
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 0	ECI 4	518598	2592.99	15.44	17.00	1.432	-0.13	0.520	0.745
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 0	ECI 4	518598	2592.99	15.36	17.00	1.459	0.17	0.515	0.751
	FR1 n41_HPUE	100M	BPSK	135	0	Back	5mm	Ant 0	ECI 4	518598	2592.99	18.49	20.00	1.416	-0.15	0.427	0.711
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 0	ECI 4	518598+528594	2592.99+2642.97	15.56	17.00	1.393	0.01	0.433	0.603
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 0	ECI 4	518598+537582	2592.99+2687.91	15.54	17.00	1.400	0.09	0.422	0.591
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 0	ECI 5	518598	2592.99	15.44	15.60	1.038	0.11	0.321	0.333
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 0	ECI 5	518598	2592.99	15.36	15.60	1.057	-0.13	0.336	0.355
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 0	ECI 5	518598	2592.99	15.44	15.60	1.038	-0.13	0.520	0.540
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 0	ECI 5	518598	2592.99	15.36	15.60	1.057	0.17	0.515	0.544
	FR1 n41_HPUE	100M	BPSK	135	0	Back	5mm	Ant 0	ECI 5	518598	2592.99	18.49	18.60	1.026	-0.15	0.427	0.515
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 0	ECI 5	518598+528594	2592.99+2642.97	15.56	15.60	1.009	0.01	0.433	0.437
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 0	ECI 5	518598+537582	2592.99+2687.91	15.54	15.60	1.014	0.09	0.422	0.428
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 1	ECI 4	518598	2592.99	19.16	19.70	1.132	0.03	0.417	0.472
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 4	518598	2592.99	19.14	19.70	1.138	0.00	0.467	0.531
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 4	518598	2592.99	19.16	19.70	1.132	0.09	0.588	0.666
97	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 4	518598	2592.99	19.14	19.70	1.138	-0.19	0.773	0.880
	FR1 n41	100M	BPSK	270	0	Back	5mm	Ant 1	ECI 4	518598	2592.99	19.01	19.70	1.172	-0.04	0.673	0.789
	FR1 n41_HPUE	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 4	518598	2592.99	22.09	22.70	1.151	-0.03	0.632	0.855
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 1	ECI 4	518598+528594	2592.99+2642.97	18.58	19.70	1.294	0.03	0.555	0.718
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 1	ECI 4	518598+537582	2592.99+2687.91	18.59	19.70	1.291	-0.04	0.533	0.688
	FR1 n41	100M	BPSK	1	137	Front	5mm	Ant 1	ECI 5	518598	2592.99	16.99	17.40	1.099	-0.13	0.222	0.244
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 5	518598	2592.99	17.00	17.40	1.096	0.11	0.249	0.273
	FR1 n41	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 5	518598	2592.99	16.99	17.40	1.099	0.12	0.313	0.344
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 5	518598	2592.99	17.00	17.40	1.096	0.00	0.412	0.452
	FR1 n41_HPUE	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 5	518598	2592.99	20.10	20.40	1.072	-0.06	0.337	0.425
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 1	ECI 5	518598+528594	2592.99+2642.97	16.54	17.40	1.219	0.09	0.288	0.351
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 1	ECI 5	518598+537582	2592.99+2687.91	16.50	17.40	1.230	0.07	0.271	0.333
	FR1 n41	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 4	518598	2592.99	17.04	17.30	1.062	-0.15	0.662	0.703
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 5	ECI 4	518598	2592.99	16.81	17.30	1.119	0.04	0.663	0.742
	FR1 n41	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 4	518598	2592.99	17.04	17.30	1.062	-0.17	0.761	0.808
	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 5	ECI 4	518598	2592.99	16.81	17.30	1.119	-0.15	0.782	0.875
	FR1 n41	100M	BPSK	270	0	Back	5mm	Ant 5	ECI 4	518598	2592.99	16.98	17.30	1.076	0.05	0.757	0.815
	FR1 n41_HPUE	100M	BPSK	135	0	Back	5mm	Ant 5	ECI 4	518598	2592.99	19.89	20.30	1.099	-0.13	0.658	0.850
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 5	ECI 4	518598+528594	2592.99+2642.97	16.16	17.30	1.300	0.08	0.577	0.75
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 5	ECI 4	518598+537582	2592.99+2687.91	16.13	17.30	1.309	-0.05	0.551	0.721
	FR1 n41	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 5	518598	2592.99	14.91	15.20	1.069	0.14	0.378	0.404
	FR1 n41	100M	BPSK	135	0	Front	5mm	Ant 5	ECI 5	518598	2592.99	14.79	15.20	1.099	-0.00	0.369	0.406
	FR1 n41	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 5	518598	2592.99	14.91	15.20	1.069	-0.09	0.435	0.465



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	FR1 n41	100M	BPSK	135	0	Back	5mm	Ant 5	ECI 5	518598	2592.99	14.79	15.20	1.099	-0.02	0.435	0.478
	FR1 n41 HPUE	100M	BPSK	135	0	Back	5mm	Ant 5	ECI 5	518598	2592.99	17.76	18.20	1.107	0.13	0.351	0.457
	FR1 n41B	50M	BPSK	64	69	Back	5mm	Ant 5	ECI 5	518598+528594	2592.99+2642.97	14.25	15.20	1.245	0.11	0.315	0.392
	FR1 n41C	90M	BPSK	108	137	Back	5mm	Ant 5	ECI 5	518598+537582	2592.99+2687.91	14.23	15.20	1.250	0.03	0.305	0.381
	FR1 n48	40M	BPSK	1	105	Front	5mm	Ant 6	ECI 4	641666	3624.99	15.30	15.50	1.047	0.14	0.292	0.306
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 6	ECI 4	641666	3624.99	19.12	19.80	1.169	0.11	0.703	0.822
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 6	ECI 4	641666	3624.99	19.12	19.80	1.169	-0.05	0.723	0.845
	FR1 n48	40M	BPSK	100	0	Front	5mm	Ant 6	ECI 4	641666	3624.99	18.12	18.50	1.091	0.18	0.558	0.609
	FR1 n48	40M	BPSK	1	0	Front	5mm	Ant 6	ECI 4	638000	3570	13.62	14.00	1.091	0.14	0.215	0.235
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 6	ECI 4	638000	3570	13.53	14.00	1.114	-0.17	0.229	0.255
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 6	ECI 4	637334	3560.01	18.99	19.00	1.002	0.17	0.741	0.742
	FR1 n48	20M	BPSK	25	12	Front	5mm	Ant 6	ECI 4	637334	3560.01	18.93	19.00	1.016	-0.05	0.796	0.809
	FR1 n48	15M	BPSK	1	1	Front	5mm	Ant 6	ECI 4	637168	3557.52	19.03	19.80	1.194	0.01	0.709	0.847
	FR1 n48	40M	BPSK	1	104	Front	5mm	Ant 6	ECI 4	645332	3679.98	13.72	14.00	1.067	0.1	0.208	0.222
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 6	ECI 4	645332	3679.98	13.71	14.00	1.069	-0.17	0.196	0.210
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 6	ECI 4	646000	3690	19.16	19.80	1.159	0.04	0.728	0.844
	FR1 n48	20M	BPSK	25	12	Front	5mm	Ant 6	ECI 4	646000	3690	19.13	19.80	1.167	-0.01	0.685	0.799
	FR1 n48	40M	BPSK	1	105	Back	5mm	Ant 6	ECI 4	641666	3624.99	15.30	15.50	1.047	-0.08	0.321	0.336
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 6	ECI 4	641666	3624.99	19.12	19.80	1.169	0.05	0.773	0.904
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 6	ECI 4	641666	3624.99	19.12	19.80	1.169	-0.15	0.840	0.982
	FR1 n48	40M	BPSK	100	0	Back	5mm	Ant 6	ECI 4	641666	3624.99	18.12	18.50	1.091	-0.09	0.706	0.770
	FR1 n48	40M	BPSK	1	0	Back	5mm	Ant 6	ECI 4	638000	3570	13.62	14.00	1.091	-0.08	0.241	0.263
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 6	ECI 4	638000	3570	13.53	14.00	1.114	0.13	0.243	0.271
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 6	ECI 4	637334	3560.01	18.99	19.00	1.002	0.12	0.830	0.832
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 6	ECI 4	637334	3560.01	18.93	19.00	1.016	0.03	0.844	0.858
	FR1 n48	15M	BPSK	1	1	Back	5mm	Ant 6	ECI 4	637168	3557.52	19.03	19.80	1.194	0.18	0.769	0.918
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 6	ECI 4	645332	3679.98	13.72	14.00	1.067	0.16	0.206	0.220
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 6	ECI 4	645332	3679.98	13.71	14.00	1.069	-0.1	0.209	0.223
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 6	ECI 4	646000	3690	19.16	19.80	1.159	0.07	0.720	0.834
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 6	ECI 4	646000	3690	19.13	19.80	1.167	0.18	0.727	0.848
	FR1 n48	40M	BPSK	1	104	Front	5mm	Ant 6	ECI 5	641666	3624.99	15.30	15.50	1.047	0.19	0.198	0.207
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 6	ECI 5	641666	3624.99	15.88	17.30	1.387	0.07	0.227	0.315
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 6	ECI 5	641666	3624.99	15.84	17.30	1.400	-0.18	0.231	0.323
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 6	ECI 5	641666	3624.99	15.30	15.50	1.047	0.03	0.301	0.315
	FR1 n48	20M	BPSK	1	4	Back	5mm	Ant 6	ECI 5	641666	3624.99	15.88	17.30	1.387	-0.15	0.343	0.476
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 6	ECI 5	641666	3624.99	15.84	17.30	1.400	-0.15	0.344	0.482
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 7	ECI 4	641666	3624.99	14.92	15.00	1.019	0.05	0.264	0.269
	FR1 n48	20M	BPSK	1	1	Front	5mm	Ant 7	ECI 4	641666	3624.99	16.45	18.10	1.462	-0.03	0.387	0.566
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 7	ECI 4	641666	3624.99	16.48	18.10	1.452	-0.15	0.379	0.550
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	641666	3624.99	14.92	15.00	1.019	0.02	0.365	0.372
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	641666	3624.99	16.45	18.10	1.462	0.07	0.535	0.782
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 4	641666	3624.99	16.48	18.10	1.452	0.16	0.528	0.767
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	638000	3570	13.48	13.50	1.005	0.13	0.271	0.272
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 4	638000	3570	13.52	14.00	1.117	-0.18	0.280	0.313
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 7	ECI 4	637334	3560.01	16.41	18.10	1.476	0.02	0.525	0.775
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 7	ECI 4	637334	3560.005	16.40	18.10	1.479	-0.01	0.534	0.790
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 7	ECI 4	645332	3679.98	13.51	14.00	1.119	-0.03	0.269	0.301
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 4	645332	3679.98	13.50	13.50	1.000	0.07	0.263	0.263
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	646000	3690	16.26	18.10	1.528	0	0.501	0.766
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 7	ECI 4	645666	3684.99	16.25	18.10	1.531	0.01	0.489	0.749
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 7	ECI 5	641666	3624.99	14.92	15.00	1.019	0.05	0.264	0.269
	FR1 n48	20M	BPSK	1	1	Front	5mm	Ant 7	ECI 5	641666	3624.99	16.45	17.70	1.334	-0.03	0.387	0.516
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 7	ECI 5	641666	3624.99	16.48	17.70	1.324	-0.15	0.379	0.502
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	641666	3624.99	14.92	15.00	1.019	0.02	0.365	0.372
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	641666	3624.99	16.45	17.70	1.334	0.07	0.535	0.714
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 5	641666	3624.99	16.48	17.70	1.324	0.16	0.528	0.699
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	638000	3570	13.48	13.50	1.005	0.13	0.271	0.272
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 5	638000	3570	13.52	14.00	1.117	-0.18	0.280	0.313
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 7	ECI 5	637334	3560.01	16.41	17.70	1.346	0.02	0.525	0.707
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 7	ECI 5	637334	3560.005	16.40	17.70	1.349	-0.01	0.534	0.720
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 7	ECI 5	645332	3679.98	13.51	14.00	1.119	-0.03	0.269	0.301
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 7	ECI 5	645332	3679.98	13.50	13.50	1.000	0.07	0.263	0.263
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	646000	3690	16.26	17.70	1.393	0	0.501	0.698
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 7	ECI 5	645666	3684.99	16.25	17.70	1.396	0.01	0.489	0.683
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	641666	3624.99	16.93	17.00	1.016	-0.14	0.282	0.287
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 1	ECI 4	641666	3624.99	20.30	21.00	1.175	-0.19	0.622	0.731
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 1	ECI 4	641666	3624.99	20.19	21.00	1.205	0.01	0.556	0.670
	FR1 n48	40M	BPSK	100	0	Front	5mm	Ant 1	ECI 4	641666	3624.99	16.23	16.50	1.064	0.06	0.234	0.249
	FR1 n48	30M	BPSK	75	0	Front	5mm	Ant 1	ECI 4	641666	3624.99	16.78	17.00	1.052	0.02	0.268	0.282
	FR1 n48	20M	BPSK	50	0	Front	5mm	Ant 1	ECI 4	641666	3624.99	19.71	20.00	1.069	0.12	0.545	0.583
	FR1 n48	40M	BPSK	1	104	Front	5mm	Ant 1	ECI 4	638000	3570	14.09	14.50	1.099	-0.16	0.132	0.145
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 1	ECI 4	638000	3570	13.96	14.00	1.009	-0.12	0.125	0.126
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 1	ECI 4	637334	3560.01	20.05	20.50	1.109	0.07	0.534	0.592



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	FR1 n48	20M	BPSK	25	12	Front	5mm	Ant 1	ECI 4	637334	3560.01	20.06	20.50	1.107	-0.02	0.518	0.573
	FR1 n48	40M	BPSK	1	105	Front	5mm	Ant 1	ECI 4	645332	3679.98	14.13	14.50	1.089	-0.05	0.161	0.175
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 1	ECI 4	645332	3679.98	14.04	14.50	1.112	-0.13	0.153	0.170
	FR1 n48	20M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	646000	3690	20.21	21.00	1.199	0.08	0.670	0.803
	FR1 n48	30M	BPSK	36	18	Front	5mm	Ant 1	ECI 4	645666	3684.99	20.13	21.00	1.222	0.16	0.635	0.776
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	641666	3624.99	16.93	17.00	1.016	-0.09	0.331	0.336
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 1	ECI 4	641666	3624.99	20.30	21.00	1.175	-0.16	0.770	0.905
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 1	ECI 4	641666	3624.99	20.19	21.00	1.205	0.1	0.687	0.828
	FR1 n48	40M	BPSK	100	0	Back	5mm	Ant 1	ECI 4	641666	3624.99	16.23	16.50	1.064	-0.04	0.290	0.309
	FR1 n48	30M	BPSK	75	0	Back	5mm	Ant 1	ECI 4	641666	3624.99	16.78	17.00	1.052	-0.01	0.331	0.348
	FR1 n48	20M	BPSK	50	0	Back	5mm	Ant 1	ECI 4	641666	3624.99	19.71	20.00	1.069	0	0.674	0.721
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 1	ECI 4	638000	3570	14.09	14.50	1.099	-0.11	0.164	0.180
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 1	ECI 4	638000	3570	13.96	14.00	1.009	-0.06	0.155	0.156
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 1	ECI 4	637334	3560.01	20.05	20.50	1.109	-0.15	0.660	0.732
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 1	ECI 4	637334	3560.01	20.06	20.50	1.107	0.03	0.640	0.708
	FR1 n48	40M	BPSK	1	105	Back	5mm	Ant 1	ECI 4	645332	3679.98	14.13	14.50	1.089	-0.13	0.200	0.218
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 1	ECI 4	645332	3679.98	14.04	14.50	1.112	0.16	0.189	0.210
98	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	646000	3690	20.21	21.00	1.199	-0.11	0.829	0.994
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 1	ECI 4	645666	3684.99	20.13	21.00	1.222	-0.02	0.785	0.959
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 1	ECI 5	641666	3624.99	16.93	17.00	1.016	-0.09	0.272	0.276
	FR1 n48	20M	BPSK	1	49	Front	5mm	Ant 1	ECI 5	641666	3624.99	18.67	19.20	1.130	0.1	0.328	0.371
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 1	ECI 5	641666	3624.99	18.69	19.20	1.125	0.07	0.336	0.378
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 1	ECI 5	641666	3624.99	16.93	17.00	1.016	-0.09	0.331	0.336
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 1	ECI 5	641666	3624.99	18.67	19.20	1.130	-0.18	0.405	0.458
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 1	ECI 5	641666	3624.99	18.69	19.20	1.125	-0.16	0.415	0.467
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 5	ECI 4	641666	3624.99	17.72	18.00	1.067	0.08	0.183	0.195
	FR1 n48	20M	BPSK	1	1	Front	5mm	Ant 5	ECI 4	641666	3624.99	19.75	21.10	1.365	0.01	0.292	0.399
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 5	ECI 4	641666	3624.99	19.68	21.10	1.387	0.03	0.295	0.409
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 5	ECI 4	641666	3624.99	17.72	18.00	1.067	-0.08	0.371	0.396
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 5	ECI 4	641666	3624.99	19.75	21.10	1.365	-0.08	0.591	0.807
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 4	641666	3624.99	19.68	21.10	1.387	0.1	0.548	0.760
	FR1 n48	40M	BPSK	100	0	Back	5mm	Ant 5	ECI 4	641666	3624.99	17.04	17.50	1.112	-0.18	0.308	0.342
	FR1 n48	30M	BPSK	75	0	Back	5mm	Ant 5	ECI 4	641666	3624.99	17.57	18.00	1.104	0.1	0.348	0.384
	FR1 n48	20M	BPSK	50	0	Back	5mm	Ant 5	ECI 4	641666	3624.99	19.72	21.00	1.343	0.12	0.570	0.766
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 5	ECI 4	638000	3570	13.70	14.00	1.072	0.08	0.176	0.189
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 4	638000	3570	13.62	14.00	1.091	-0.17	0.176	0.192
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 5	ECI 4	637334	3560.01	19.59	21.10	1.416	-0.03	0.682	0.966
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 5	ECI 4	637334	3560.01	19.56	21.10	1.426	-0.13	0.678	0.967
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 5	ECI 4	645332	3679.98	13.25	13.50	1.059	0.14	0.095	0.101
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 4	645332	3679.98	13.18	13.50	1.076	0.11	0.090	0.097
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 5	ECI 4	646000	3690	19.48	21.10	1.452	-0.05	0.400	0.581
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 5	ECI 4	645666	3684.99	19.41	21.10	1.476	0.18	0.378	0.558
	FR1 n48	40M	BPSK	1	1	Front	5mm	Ant 5	ECI 5	641666	3624.99	17.72	18.00	1.067	0.08	0.183	0.195
	FR1 n48	20M	BPSK	1	1	Front	5mm	Ant 5	ECI 5	641666	3624.99	19.75	20.40	1.161	0.01	0.292	0.339
	FR1 n48	40M	BPSK	50	25	Front	5mm	Ant 5	ECI 5	641666	3624.99	19.68	20.40	1.180	0.03	0.295	0.348
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 5	ECI 5	641666	3624.99	17.72	18.00	1.067	-0.08	0.371	0.396
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 5	ECI 5	641666	3624.99	19.75	20.40	1.161	-0.08	0.591	0.686
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 5	641666	3624.99	19.68	20.40	1.180	0.1	0.548	0.647
	FR1 n48	40M	BPSK	100	0	Back	5mm	Ant 5	ECI 5	641666	3624.99	17.04	17.50	1.112	-0.18	0.308	0.342
	FR1 n48	30M	BPSK	75	0	Back	5mm	Ant 5	ECI 5	641666	3624.99	17.57	18.00	1.104	0.1	0.348	0.384
	FR1 n48	20M	BPSK	50	0	Back	5mm	Ant 5	ECI 5	641666	3624.99	19.72	20.40	1.169	0.12	0.570	0.666
	FR1 n48	40M	BPSK	1	104	Back	5mm	Ant 5	ECI 5	638000	3570	13.70	14.00	1.072	0.08	0.176	0.189
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 5	638000	3570	13.62	14.00	1.091	-0.17	0.176	0.192
	FR1 n48	20M	BPSK	1	49	Back	5mm	Ant 5	ECI 5	637334	3560.01	19.59	20.40	1.205	-0.03	0.682	0.822
	FR1 n48	20M	BPSK	25	12	Back	5mm	Ant 5	ECI 5	637334	3560.01	19.56	20.40	1.213	-0.13	0.678	0.822
	FR1 n48	40M	BPSK	1	1	Back	5mm	Ant 5	ECI 5	645332	3679.98	13.25	13.50	1.059	0.14	0.095	0.101
	FR1 n48	40M	BPSK	50	25	Back	5mm	Ant 5	ECI 5	645332	3679.98	13.18	13.50	1.076	0.11	0.090	0.097
	FR1 n48	20M	BPSK	1	1	Back	5mm	Ant 5	ECI 5	646000	3690	19.48	20.40	1.236	-0.05	0.400	0.494
	FR1 n48	30M	BPSK	36	18	Back	5mm	Ant 5	ECI 5	645666	3684.99	19.41	20.40	1.256	0.18	0.378	0.475
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 6	ECI 4	633332	3499.98	15.34	17.10	1.5	0.01	0.290	0.435
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 6	ECI 4	633332	3499.98	15.39	17.10	1.483	0.16	0.289	0.429
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 6	ECI 4	633332	3499.98	15.34	17.10	1.5	-0.04	0.403	0.605
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 6	ECI 4	633332	3499.98	15.39	17.10	1.483	-0.13	0.376	0.558
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 6	ECI 4	633332	3499.98	18.52	20.10	1.439	-0.07	0.337	0.570
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 4	633332+639996	3499.98+3599.94	16.92	17.10	1.042	0.02	0.455	0.474
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 6	ECI 5	633332	3499.98	15.34	15.70	1.086	0.01	0.290	0.315
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 6	ECI 5	633332	3499.98	15.39	15.70	1.074	0.16	0.289	0.310
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 6	ECI 5	633332	3499.98	15.34	15.70	1.086	-0.04	0.403	0.438
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 6	ECI 5	633332	3499.98	15.39	15.70	1.074	-0.13	0.376	0.404
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 6	ECI 5	633332	3499.98	18.52	18.70	1.042	-0.07	0.337	0.413
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 5	633332+639996	3499.98+3599.94	14.87	15.70	1.211	0.05	0.305	0.369
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 7	ECI 4	633332	3499.98	14.98	16.50	1.419	-0.12	0.290	0.412
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 7	ECI 4	633332	3499.98	14.99	16.50	1.416	-0.19	0.299	0.423



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	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 7	ECI 4	633332	3499.98	14.98	16.50	1.419	0.12	0.363	0.515
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 7	ECI 4	633332	3499.98	14.99	16.50	1.416	-0.01	0.410	0.581
	FR1 n77_HPUE	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 4	633332	3499.98	17.65	19.50	1.531	0.12	0.315	0.567
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 4	633332+639996	3499.98+3599.94	16.37	16.5	1.030	0.02	0.488	0.503
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 7	ECI 5	633332	3499.98	14.98	15.10	1.028	-0.12	0.290	0.298
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 7	ECI 5	633332	3499.98	14.99	15.10	1.026	-0.19	0.299	0.307
	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 7	ECI 5	633332	3499.98	14.98	15.10	1.028	0.12	0.363	0.373
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 7	ECI 5	633332	3499.98	14.99	15.10	1.026	-0.01	0.410	0.421
	FR1 n77_HPUE	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 5	633332	3499.98	17.65	18.10	1.109	0.12	0.315	0.411
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 5	633332+639996	3499.98+3599.94	14.3	15.10	1.202	0.09	0.288	0.346
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 1	ECI 4	633332	3499.98	14.65	16.30	1.462	-0.18	0.123	0.180
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 4	633332	3499.98	14.62	16.30	1.472	0.00	0.111	0.163
	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 4	633332	3499.98	14.65	16.30	1.462	0.18	0.225	0.329
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 4	633332	3499.98	14.62	16.30	1.472	0.03	0.194	0.286
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 4	633332	3499.98	17.61	19.30	1.476	-0.16	0.180	0.312
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 4	633332+639996	3499.98+3599.94	15.77	16.30	1.130	0.05	0.233	0.263
	FR1 n77	100M	BPSK	1	137	Front	5mm	Ant 1	ECI 5	633332	3499.98	13.59	14.40	1.205	0.12	0.089	0.107
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 1	ECI 5	633332	3499.98	13.60	14.40	1.202	0.13	0.080	0.096
	FR1 n77	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 5	633332	3499.98	13.59	14.40	1.205	-0.12	0.164	0.198
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 5	633332	3499.98	13.60	14.40	1.202	-0.03	0.140	0.168
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 5	633332	3499.98	16.57	17.40	1.211	0.01	0.135	0.192
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 5	633332+639996	3499.98+3599.94	13.74	14.40	1.164	-0.03	0.133	0.155
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 4	633332	3499.98	17.70	19.10	1.38	0.01	0.329	0.454
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 5	ECI 4	633332	3499.98	17.70	19.10	1.38	0.03	0.329	0.454
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 4	633332	3499.98	17.70	19.10	1.38	-0.18	0.472	0.651
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 4	633332	3499.98	17.70	19.10	1.38	-0.10	0.452	0.624
	FR1 n77_HPUE	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 4	633332	3499.98	20.62	22.10	1.406	-0.02	0.374	0.618
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 4	633332+639996	3499.98+3599.94	18.31	19.10	1.199	0.04	0.500	0.600
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 5	633332	3499.98	17.70	17.70	1.0	0.01	0.329	0.329
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 5	ECI 5	633332	3499.98	17.70	17.70	1.0	0.03	0.329	0.329
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 5	633332	3499.98	17.70	17.70	1.0	-0.18	0.472	0.472
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 5	633332	3499.98	17.70	17.70	1.0	-0.10	0.452	0.452
	FR1 n77_HPUE	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 5	633332	3499.98	20.62	20.70	1.019	-0.02	0.374	0.448
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 5	633332+639996	3499.98+3599.94	16.27	17.70	1.390	-0.02	0.299	0.416
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 6	ECI 4	656000	3840	15.18	17.10	1.556	0.01	0.275	0.428
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 6	ECI 4	656000	3840	15.20	17.10	1.549	0.15	0.247	0.383
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 6	ECI 4	656000	3840	15.18	17.10	1.556	-0.06	0.334	0.520
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 4	656000	3840	15.20	17.10	1.549	-0.14	0.311	0.482
	FR1 n77_HPUE	100M	BPSK	1	1	Back	5mm	Ant 6	ECI 4	656000	3840	18.49	20.10	1.449	0.02	0.291	0.496
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 4	656000+662664	3840+3939.96	16.92	17.10	1.042	0.05	0.466	0.486
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 6	ECI 5	656000	3840	15.18	15.70	1.127	0.01	0.275	0.310
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 6	ECI 5	656000	3840	15.20	15.70	1.122	0.15	0.247	0.277
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 6	ECI 5	656000	3840	15.18	15.70	1.127	-0.06	0.334	0.376
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 5	656000	3840	15.20	15.70	1.122	-0.14	0.311	0.349
	FR1 n77_HPUE	100M	BPSK	1	1	Back	5mm	Ant 6	ECI 5	656000	3840	18.49	18.70	1.05	0.02	0.291	0.359
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 6	ECI 5	656000+662664	3840+3939.96	14.86	15.70	1.213	-0.06	0.255	0.309
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 7	ECI 4	656000	3840	14.81	16.50	1.476	-0.10	0.298	0.440
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 7	ECI 4	656000	3840	14.81	16.50	1.476	-0.12	0.249	0.368
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	656000	3840	14.81	16.50	1.476	-0.14	0.329	0.486
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 7	ECI 4	656000	3840	14.81	16.50	1.476	-0.09	0.319	0.471
	FR1 n77_HPUE	100M	BPSK	1	1	Back	5mm	Ant 7	ECI 4	656000	3840	17.99	19.50	1.416	0.07	0.281	0.468
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 4	656000+662664	3840+3939.96	16.22	16.50	1.067	0.01	0.411	0.439
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 7	ECI 5	656000	3840	14.81	15.10	1.069	-0.10	0.298	0.319
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 7	ECI 5	656000	3840	14.81	15.10	1.069	-0.12	0.249	0.266
	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	656000	3840	14.81	15.10	1.069	-0.14	0.329	0.352
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 7	ECI 5	656000	3840	14.81	15.10	1.069	-0.09	0.319	0.341
	FR1 n77_HPUE	100M	BPSK	1	1	Back	5mm	Ant 7	ECI 5	656000	3840	17.99	18.10	1.026	0.07	0.281	0.339
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 7	ECI 5	656000+662664	3840+3939.96	14.18	15.10	1.236	0.02	0.233	0.288
	FR1 n77	100M	BPSK	1	1	Front	5mm	Ant 1	ECI 4	656000	3840	14.69	16.30	1.449	0.05	0.263	0.381
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 4	656000	3840	14.69	16.30	1.449	-0.04	0.286	0.414
99	FR1 n77	100M	BPSK	1	1	Back	5mm	Ant 1	ECI 4	656000	3840	14.69	16.30	1.449	0.19	0.502	0.727
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 4	656000	3840	14.69	16.30	1.449	-0.07	0.485	0.703
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 4	656000	3840	17.67	19.30	1.455	-0.16	0.419	0.717
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 4	656000+662664	3840+3939.96	15.75	16.30	1.135	0.07	0.555	0.63
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 1	ECI 5	656000	3840	13.63	14.40	1.194	-0.16	0.220	0.263
	FR1 n77	100M	BPSK	135	0	Front	5mm	Ant 1	ECI 5	656000	3840	13.64	14.40	1.191	0.02	0.239	0.285
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 1	ECI 5	656000	3840	13.63	14.40	1.194	0.03	0.360	0.430
	FR1 n77	100M	BPSK	135	0	Back	5mm	Ant 1	ECI 5	656000	3840	13.64	14.40	1.191	-0.06	0.356	0.424
	FR1 n77_HPUE	100M	BPSK	1	137	Back	5mm	Ant 1	ECI 5	656000	3840	16.65	17.40	1.189	0.02	0.296	0.414
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 1	ECI 5	656000+662664	3840+3939.96	13.71	14.40	1.172	-0.04	0.311	0.364
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 4	656000	3840	17.70	19.10	1.38	-0.10	0.376	0.519
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 5	ECI 4	656000	3840	17.68	19.10	1.387	0.11	0.372	0.516
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 4	656000	3840	17.70	19.10	1.38	-0.09	0.443	0.611



FCC SAR TEST REPORT

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	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 4	656000	3840	17.68	19.10	1.387	0.17	0.438	0.608
	FR1 n77 HPUE	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 4	656000	3840	20.56	22.10	1.426	-0.09	0.345	0.579
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 4	656000+662664	3840+3939.96	18.29	19.10	1.205	0.07	0.488	0.588
	FR1 n77	100M	BPSK	1	271	Front	5mm	Ant 5	ECI 5	656000	3840	17.70	17.70	1.0	-0.10	0.376	0.376
	FR1 n77	100M	BPSK	135	138	Front	5mm	Ant 5	ECI 5	656000	3840	17.68	17.70	1.005	0.11	0.372	0.374
	FR1 n77	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 5	656000	3840	17.70	17.70	1.0	-0.09	0.443	0.443
	FR1 n77	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 5	656000	3840	17.68	17.70	1.005	0.17	0.438	0.440
	FR1 n77 HPUE	100M	BPSK	1	271	Back	5mm	Ant 5	ECI 5	656000	3840	20.56	20.70	1.033	-0.09	0.345	0.419
	FR1 n77C	100M	BPSK	135	138	Back	5mm	Ant 5	ECI 5	656000+662664	3840+3939.96	16.25	17.70	1.396	0.06	0.288	0.402

[WLAN SAR]

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 4	Index 5	11	2462	17.88	18.00	1.028	100.00	1.000	-0.04	0.464	0.477
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 5	11	2462	17.88	18.00	1.028	100.00	1.000	-0.18	0.615	0.632
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 5	1	2412	17.12	18.00	1.225	100.00	1.000	-0.08	0.670	0.821
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 5	6	2437	17.55	18.00	1.109	100.00	1.000	-0.08	0.502	0.557
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 5	12	2467	17.59	18.00	1.099	100.00	1.000	0.1	0.459	0.504
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	Index 5	12	2467	17.27	18.00	1.183	100.00	1.000	0.03	0.463	0.548
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 5	12	2467	17.27	18.00	1.183	100.00	1.000	-0.11	0.911	1.078
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 5	1	2412	16.63	18.00	1.371	100.00	1.000	0.08	0.548	0.751
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 5	6	2437	16.78	18.00	1.324	100.00	1.000	0.01	0.841	1.113
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 5	11	2462	17.26	18.00	1.186	100.00	1.000	0.03	0.392	0.465
100	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 5	13	2472	16.59	18.00	1.384	100.00	1.000	0.01	0.807	1.117
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	6	2437	17.95	18.00	1.012	99.51	1.005	-0.1	0.461	0.469
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	6	2437	16.85	18.00	1.303	99.51	1.005	-0.1	0.680	0.890
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	1	2412	16.92	18.00	1.282	99.51	1.005	-0.06	0.429	0.553
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	1	2412	16.79	18.00	1.321	99.51	1.005	-0.06	0.604	0.802
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	11	2462	15.34	16.00	1.164	99.51	1.005	0.06	0.307	0.359
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	11	2462	14.24	16.00	1.500	99.51	1.005	0.06	0.433	0.653
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	6	2437	17.95	18.00	1.012	99.51	1.005	-0.09	0.630	0.641
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	6	2437	16.85	18.00	1.303	99.51	1.005	-0.09	0.790	1.035
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	1	2412	16.92	18.00	1.282	99.51	1.005	-0.1	0.514	0.662
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	1	2412	16.79	18.00	1.321	99.51	1.005	-0.1	0.643	0.854
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	11	2462	15.34	16.00	1.164	99.51	1.005	-0.16	0.381	0.446
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	11	2462	14.24	16.00	1.500	99.51	1.005	-0.16	0.477	0.719
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	Index 6	12	2467	17.27	17.50	1.054	100.00	1.000	0.03	0.463	0.488
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 6	12	2467	17.27	17.50	1.054	100.00	1.000	-0.11	0.911	0.960
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 6	1	2412	16.63	17.50	1.222	100.00	1.000	0.08	0.548	0.670
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 6	6	2437	16.78	17.50	1.180	100.00	1.000	0.01	0.842	0.994
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 6	11	2462	17.26	17.50	1.057	100.00	1.000	0.03	0.392	0.414
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 6	13	2472	16.59	17.50	1.233	100.00	1.000	0.01	0.807	0.995
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 4	Index 7	1	2412	13.14	13.50	1.086	100	1.000	0.08	0.166	0.180
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 4	Index 7	1	2412	13.14	13.50	1.086	100	1.000	0.01	0.227	0.247
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	Index 7	1	2412	13.23	13.50	1.064	100	1.000	0.1	0.198	0.211
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 7	1	2412	13.23	13.50	1.064	100	1.000	0.12	0.239	0.254
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(4)	Index 7	6	2437	13.10	13.50	1.096	99.51	1.005	0.11	0.135	0.149
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 4+3(3)	Index 7	6	2437	12.26	13.50	1.330	99.51	1.005	-0.05	0.172	0.230
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(4)	Index 7	6	2437	13.10	13.50	1.096	99.51	1.005	0.18	0.162	0.178
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 4+3(3)	Index 7	6	2437	12.26	13.50	1.330	99.51	1.005	0.14	0.224	0.299
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	Index 8	11	2462	11.67	12.00	1.079	100	1.000	0.19	0.178	0.192
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	Index 8	11	2462	11.67	12.00	1.079	100	1.000	-0.14	0.233	0.251
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.15	0.624	0.723
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.15	0.832	0.938
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	56	5280	17.04	18.00	1.247	99.51	1.005	0.06	0.377	0.472
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	56	5280	17.81	18.00	1.045	99.51	1.005	0.06	0.803	0.843
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	60	5300	15.83	17.50	1.469	99.51	1.005	-0.15	0.314	0.464
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	60	5300	16.82	17.50	1.169	99.51	1.005	-0.15	0.795	0.934
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	64	5320	13.00	15.00	1.585	99.51	1.005	0.1	0.154	0.245
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	64	5320	14.26	15.00	1.186	99.51	1.005	0.1	0.488	0.582
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.08	0.500	0.579
101	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.08	0.972	1.096
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	56	5280	17.04	18.00	1.247	99.51	1.005	-0.11	0.440	0.551
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	56	5280	17.81	18.00	1.045	99.51	1.005	-0.11	0.797	0.837
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	60	5300	15.83	17.50	1.469	99.51	1.005	-0.14	0.365	0.539
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	60	5300	16.82	17.50	1.169	99.51	1.005	-0.14	0.754	0.886
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	64	5320	13.00	15.00	1.585	99.51	1.005	-0.11	0.151	0.241
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	64	5320	14.26	15.00	1.186	99.51	1.005	-0.11	0.433	0.516
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	-0.19	0.621	0.720
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	0.11	0.374	0.433
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	-0.1	0.196	0.271
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	-0.1	0.221	0.251



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	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	-0.13	0.141	0.195
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	-0.13	0.446	0.506
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	-0.11	0.425	0.430
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	0.16	0.333	0.337
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.1	0.196	0.242
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.1	0.221	0.223
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.13	0.141	0.174
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.13	0.446	0.451
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.04	0.471	0.762
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.04	0.428	0.630
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.01	0.549	0.888
102	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.01	0.649	0.956
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	106	5530	11.60	13.50	1.549	97.98	1.021	0.06	0.144	0.228
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	106	5530	13.14	13.50	1.086	97.98	1.021	0.06	0.253	0.281
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	122	5610	14.83	16.00	1.309	97.98	1.021	-0.1	0.414	0.553
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	122	5610	16.00	16.00	1.000	97.98	1.021	-0.1	0.435	0.444
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	110	5550	16.00	18.00	1.585	98.92	1.011	-0.11	0.461	0.739
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	110	5550	17.28	18.00	1.180	98.92	1.011	-0.11	0.533	0.636
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	-0.12	0.271	0.404
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.09	0.576	0.858
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 6	106	5530	12.08	13.50	1.387	97.98	1.021	0.08	0.219	0.310
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 6	122	5610	14.56	16.00	1.393	97.98	1.021	0.01	0.487	0.693
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4	Index 6	110	5550	15.48	17.00	1.419	98.92	1.011	0.03	0.517	0.742
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	-0.14	0.227	0.305
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	-0.14	0.227	0.251
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	-0.16	0.411	0.553
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	-0.16	0.364	0.403
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	-0.11	0.246	0.274
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	0.05	0.429	0.477
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.14	0.227	0.272
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.14	0.227	0.232
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.16	0.411	0.493
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.16	0.364	0.372
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 5	151	5755	18.80	19.00	1.047	98.92	1.011	-0.16	0.928	0.982
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 5	151	5755	17.45	19.00	1.429	98.92	1.011	-0.16	0.521	0.753
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 5	159	5795	18.63	19.00	1.089	98.92	1.011	-0.07	1.000	1.101
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 5	159	5795	17.35	19.00	1.462	98.92	1.011	-0.07	0.497	0.735
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	151	5755	18.80	19.00	1.047	98.92	1.011	-0.19	1.070	1.133
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	151	5755	17.45	19.00	1.429	98.92	1.011	-0.19	0.662	0.956
103	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	159	5795	18.63	19.00	1.089	98.92	1.011	0.11	1.050	1.156
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	159	5795	17.35	19.00	1.462	98.92	1.011	0.11	0.645	0.953
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4	Index 6	151	5755	16.59	18.00	1.384	98.92	1.011	-0.1	0.474	0.663
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4	Index 6	151	5755	16.59	18.00	1.384	98.92	1.011	0.14	0.632	0.884
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4	Index 6	159	5795	16.15	18.00	1.531	98.92	1.011	-0.18	0.570	0.882
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 7	155	5775	12.71	14.00	1.346	97.98	1.021	0.12	0.135	0.186
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 7	155	5775	12.49	14.00	1.416	97.98	1.021	0.12	0.122	0.176
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 7	155	5775	12.71	14.00	1.346	97.98	1.021	-0.03	0.205	0.282
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 7	155	5775	12.49	14.00	1.416	97.98	1.021	-0.03	0.154	0.223
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4	Index 8	155	5775	14.25	15.50	1.334	97.98	1.021	-0.19	0.250	0.341
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 8	155	5775	14.25	15.50	1.334	97.98	1.021	0	0.325	0.443
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 9	155	5775	12.71	13.00	1.069	97.98	1.021	0.12	0.135	0.147
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 9	155	5775	12.49	13.00	1.125	97.98	1.021	0.12	0.122	0.140
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 9	155	5775	12.71	13.00	1.069	97.98	1.021	-0.03	0.205	0.224
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 9	155	5775	12.49	13.00	1.125	97.98	1.021	-0.03	0.154	0.177
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.09	0.929	0.986
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.09	0.471	0.695
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(4)	Index 5	169	5845	18.73	19.00	1.064	99.51	1.005	-0.19	0.972	1.039
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 4+3(3)	Index 5	169	5845	17.45	19.00	1.429	99.51	1.005	-0.19	0.462	0.663
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(4)	Index 5	175	5875	17.42	17.50	1.019	98.92	1.011	-0.13	0.663	0.683
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4+3(3)	Index 5	175	5875	16.41	17.50	1.285	98.92	1.011	-0.13	0.303	0.394
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.13	0.991	1.052
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.13	0.541	0.798
104	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(4)	Index 5	169	5845	18.73	19.00	1.064	98.92	1.011	0.13	1.040	1.119
	WLAN5GHz	802.11a 6Mbps	Back	5mm	Ant 4+3(3)	Index 5	169	5845	17.45	19.00	1.429	98.92	1.011	0.13	0.474	0.685
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	175	5875	17.42	17.50	1.019	98.92	1.011	-0.14	0.677	0.697
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	175	5875	16.41	17.50	1.285	98.92	1.011	-0.14	0.400	0.520
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	0.01	0.582	0.899
	WLAN5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 4	Index 6	175	5875	16.66	18.50	1.528	98.92	1.011	0.05	0.556	0.859
	WLAN5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	0.11	0.482	0.745
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.17	0.395	0.447
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.17	0.181	0.236
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.12	0.405	0.459



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	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.12	0.307	0.400
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	-0.07	0.283	0.378
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.05	0.339	0.453
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.07	0.313	0.423
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.07	0.232	0.355
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	0.12	0.298	0.403
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	0.12	0.198	0.303

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	0.14	0.121	0.171	0.811	1.149
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	0.14	0.085	0.104	0.57	0.697
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	71	6305	15.69	16.50	1.205	97.22	1.029	-0.16	0.142	0.176	0.952	1.180
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	71	6305	15.56	16.50	1.242	97.22	1.029	-0.16	0.105	0.134	0.695	0.888
	WLAN6GHz	802.11ax-HE40 MCS0	Back	5mm	Ant 4+3(4)	Index 5	3	5965	15.57	16.50	1.239	98.65	1.014	0.05	0.278	0.349	2.23	2.802
	WLAN6GHz	802.11ax-HE40 MCS0	Back	5mm	Ant 4+3(3)	Index 5	3	5965	16.34	16.50	1.038	98.65	1.014	0.05	0.126	0.133	1.07	1.126
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	119	6545	16.93	17.00	1.016	97.22	1.029	-0.17	0.255	0.267	1.73	1.809
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	119	6545	16.69	17.00	1.074	97.22	1.029	-0.17	0.218	0.241	1.46	1.614
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	-0.17	0.296	0.419	2.18	3.089
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	-0.17	0.250	0.306	1.8	2.202
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 5	215	7025	17.58	18.00	1.102	97.22	1.029	-0.1	0.260	0.295	1.9	2.155
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 5	215	7025	16.83	18.00	1.309	97.22	1.029	-0.1	0.326	0.439	2.29	3.085
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	0.08	0.094	0.131	0.772	1.076
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 6	7	5985	14.99	15.50	1.125	95.51	1.047	-0.11	0.279	0.329	2.29	2.697
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 6	71	6305	15.18	15.50	1.076	97.22	1.029	0.05	0.206	0.228	1.44	1.594
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 6	119	6545	16.16	17.00	1.213	97.22	1.029	0.1	0.345	0.431	2.39	2.983
105	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 6	167	6785	16.20	17.50	1.349	97.22	1.029	0.12	0.366	0.508	2.58	3.581
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	0.02	0.222	0.310	1.63	2.273
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4+3(4)	Index 7/9	167	6785	17.61	19.00	1.377	97.22	1.029	0.14	0.121	0.171	0.811	1.149
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4+3(3)	Index 7/9	167	6785	18.25	19.00	1.189	97.22	1.029	0.14	0.085	0.104	0.57	0.697
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 7/9	71	6305	15.69	16.50	1.205	97.22	1.029	-0.16	0.142	0.176	0.952	1.180
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 7/9	71	6305	15.56	16.50	1.242	97.22	1.029	-0.16	0.105	0.134	0.695	0.888
	WLAN6GHz	802.11ax-HE40 MCS0	Back	5mm	Ant 4+3(4)	Index 7/9	3	5965	15.57	16.50	1.239	98.65	1.014	0.05	0.278	0.349	2.23	2.802
	WLAN6GHz	802.11ax-HE40 MCS0	Back	5mm	Ant 4+3(3)	Index 7/9	3	5965	16.34	16.50	1.038	98.65	1.014	0.05	0.126	0.133	1.07	1.126
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 7/9	119	6545	16.93	17.00	1.016	97.22	1.029	-0.17	0.255	0.267	1.73	1.809
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 7/9	119	6545	16.69	17.00	1.074	97.22	1.029	-0.17	0.218	0.241	1.46	1.614
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 7/9	167	6785	17.61	19.00	1.377	97.22	1.029	-0.17	0.296	0.419	2.18	3.089
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 7/9	167	6785	18.25	19.00	1.189	97.22	1.029	-0.17	0.250	0.306	1.8	2.202
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(4)	Index 7/9	215	7025	17.58	18.00	1.102	97.22	1.029	-0.1	0.260	0.295	1.9	2.155
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4+3(3)	Index 7/9	215	7025	16.83	18.00	1.309	97.22	1.029	-0.1	0.326	0.439	2.29	3.085
	WLAN6GHz	802.11ax-HE80 MCS0	Front	5mm	Ant 4	Index 8	215	7025	16.68	18.00	1.355	97.22	1.029	0.08	0.094	0.131	0.772	1.076
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 8	7	5985	14.99	15.50	1.125	95.51	1.047	-0.11	0.279	0.329	2.29	2.697
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 8	71	6305	15.18	15.50	1.076	97.22	1.029	0.05	0.206	0.228	1.44	1.594
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 8	119	6545	16.16	17.00	1.213	97.22	1.029	0.1	0.345	0.431	2.39	2.983
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 8	167	6785	16.20	17.00	1.202	97.22	1.029	0.12	0.366	0.453	2.58	3.191
	WLAN6GHz	802.11ax-HE80 MCS0	Back	5mm	Ant 4	Index 8	215	7025	16.68	18.00	1.355	97.22	1.029	0.02	0.222	0.310	1.63	2.273

【Bluetooth SAR】

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	5mm	Ant 4	BT Index 2	0	2402	20.66	21.00	1.081	77.07	1.081	0.01	0.556	0.650
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 2	0	2402	20.66	21.00	1.081	77.07	1.081	-0.13	0.776	0.907
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 2	39	2441	20.44	21.00	1.138	77.07	1.081	0.06	0.648	0.797
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 2	78	2480	20.50	21.00	1.122	77.07	1.081	0.07	0.659	0.799
	Bluetooth	1Mbps	Front	5mm	Ant 3	BT Index 2	39	2441	18.90	20.00	1.288	77.07	1.081	0.08	0.420	0.585
106	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 2	39	2441	18.90	20.00	1.288	77.07	1.081	-0.11	0.849	1.182
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 2	78	2480	18.82	20.00	1.312	77.07	1.081	-0.03	0.774	1.098
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 2	0	2402	18.84	20.00	1.306	77.07	1.081	-0.01	0.821	1.159
	Bluetooth	1Mbps	Front	5mm	Ant 4	BT Index 3	0	2402	16.29	16.50	1.050	77.07	1.081	0.05	0.242	0.275
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 3	0	2402	16.29	16.50	1.050	77.07	1.081	0.06	0.285	0.323
	Bluetooth	1Mbps	Front	5mm	Ant 3	BT Index 3	0	2402	14.30	15.00	1.175	77.07	1.081	0.1	0.166	0.211
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 3	0	2402	14.30	15.00	1.175	77.07	1.081	0.13	0.188	0.239
	Bluetooth	1Mbps	Front	5mm	Ant 4	BT Index 4	0	2402	12.94	13.00	1.014	77.07	1.081	0.03	0.131	0.144
	Bluetooth	1Mbps	Back	5mm	Ant 4	BT Index 4	0	2402	12.94	13.00	1.014	77.07	1.081	-0.1	0.154	0.169
	Bluetooth	1Mbps	Front	5mm	Ant 3	BT Index 4	0	2402	10.87	12.50	1.455	77.07	1.081	0.1	0.059	0.093
	Bluetooth	1Mbps	Back	5mm	Ant 3	BT Index 4	0	2402	10.87	12.50	1.455	77.07	1.081	-0.17	0.067	0.105

**14.4 Product Specific SAR**

【LTE SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
107	LTE Band 66	20M	QPSK	50	50	Right Edge	0mm	Ant 5	ECI 4	132322	1745	18.62	20.40	1.507			-0.06	1.310	1.974
	LTE Band 66B	15M	QPSK	1	74	Right Edge	0mm	Ant 5	ECI 4	132322+132229	1745+1735.7	18.42	20.4	1.578			0.03	1.220	1.925
	LTE Band 66C	20M	QPSK	1	99	Right Edge	0mm	Ant 5	ECI 4	132322+132124	1745+1725.2	18.49	20.4	1.552			0.07	1.230	1.909
	LTE Band 41	20M	QPSK	1	0	Bottom Edge	0mm	Ant 0	ECI 4	40185	2549.5	18.82	20.20	1.374	62.9	1.006	0.06	0.680	0.940
	LTE Band 41_HPUE	20M	QPSK	1	0	Bottom Edge	0mm	Ant 0	ECI 4	40620	2593	20.58	21.80	1.324	42.9	1.009	-0.09	0.644	0.860
	LTE Band 41C	20M	QPSK	1	99	Bottom Edge	0mm	Ant 0	ECI 4	40620+40818	2593+2573.2	18.51	20.2	1.476	62.9	1.006	-0.05	0.577	0.857
108	LTE Band 41	20M	QPSK	1	0	Top Edge	0mm	Ant 1	ECI 4	40620	2593	22.00	22.50	1.122	62.9	1.006	0.01	1.060	1.196
	LTE Band 41_HPUE	20M	QPSK	1	0	Top Edge	0mm	Ant 1	ECI 4	41490	2680	23.82	24.10	1.067	42.9	1.009	-0.07	0.996	1.072
	LTE Band 41C	20M	QPSK	1	0	Top Edge	0mm	Ant 1	ECI 4	41490+41292	2680+2660.2	21.80	22.5	1.175	62.9	1.006	0.04	1.010	1.194

【FR1 SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
109	FR1 n14	10M	BPSK	1	1	Left Edge	0mm	Ant 1	ECI 4	158600	793	23.57	25.00	1.39	-0.04	1.460	2.029
110	FR1 n66	45M	BPSK	120	120	Right Edge	0mm	Ant 5	ECI 4	349000	1745	19.23	20.20	1.25	-0.08	1.510	1.888
111	FR1 n48	40M	BPSK	50	25	Left Edge	0mm	Ant 6	ECI 4	641666	3624.985	19.12	19.80	1.169	-0.11	1.570	1.835
	FR1 n48	15M	BPSK	1	1	Left Edge	0mm	Ant 6	ECI 4	637168	3557.52	19.03	19.80	1.194	0.01	1.530	1.827
	FR1 n48	20M	BPSK	25	12	Left Edge	0mm	Ant 6	ECI 4	646000	3690	19.13	19.80	1.167	-0.15	1.410	1.645

【NTN SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	NTN Band 23	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	25600	2010	19.66	20.60	1.242	0.13	1.800	2.236
	NTN Band 23	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	25501	2000.1	19.32	20.60	1.343	0.01	1.220	1.638
	NTN Band 23	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	25699	2019.9	19.21	20.60	1.377	0.02	1.490	2.052
	NTN Band 23	3.75K	BPSK	1	46	Back	0mm	Ant 5	ECI 4	25600	2010	19.66	20.60	1.242	-0.00	1.470	1.826
	NTN Band 23	3.75K	BPSK	1	46	Left Edge	0mm	Ant 5	ECI 4	25600	2010	19.66	20.60	1.242	0.11	0.094	0.117
112	NTN Band 23	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	25600	2010	19.66	20.60	1.242	-0.01	1.980	2.459
	NTN Band 23	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	25501	2000.1	19.32	20.60	1.343	0.15	1.830	2.458
	NTN Band 23	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	25699	2019.9	19.21	20.60	1.377	0.10	1.290	1.776
	NTN Band 23	3.75K	BPSK	1	46	Top Edge	0mm	Ant 5	ECI 4	25600	2010	19.66	20.60	1.242	-0.15	0.402	0.499
	NTN Band 255	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	261674	1643.5	19.87	21.20	1.358	0.02	1.580	2.146
	NTN Band 255	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	261505	1626.6	19.57	21.20	1.455	-0.08	0.911	1.326
	NTN Band 255	3.75K	BPSK	1	46	Front	0mm	Ant 5	ECI 4	261843	1660.4	19.86	21.20	1.361	-0.06	0.850	1.157
	NTN Band 255	3.75K	BPSK	1	46	Back	0mm	Ant 5	ECI 4	261674	1643.5	19.87	21.20	1.358	0.07	1.330	1.806
	NTN Band 255	3.75K	BPSK	1	46	Left Edge	0mm	Ant 5	ECI 4	261674	1643.5	19.87	21.20	1.358	0.05	0.057	0.077
113	NTN Band 255	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	261674	1643.5	19.87	21.20	1.358	0.04	1.820	2.472
	NTN Band 255	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	261505	1626.6	19.57	21.20	1.455	-0.08	1.040	1.513
	NTN Band 255	3.75K	BPSK	1	46	Right Edge	0mm	Ant 5	ECI 4	261843	1660.4	19.86	21.20	1.361	-0.09	1.430	1.946
	NTN Band 255	3.75K	BPSK	1	46	Top Edge	0mm	Ant 5	ECI 4	261674	1643.5	19.87	21.20	1.358	-0.07	0.264	0.359



FCC SAR TEST REPORT

Report No. : FA5N0809-01C

【WLAN SAR】

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	0.12	1.270	1.472
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	0.12	1.040	1.173
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	0.03	0.452	0.524
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	0.03	0.373	0.421
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.09	1.080	1.251
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.09	0.683	0.770
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.03	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.03	1.040	1.173
	WLAN5GHz	802.11a 6Mbps	Left Edge	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.15	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Left Edge	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.15	1.210	1.364
	WLAN5GHz	802.11a 6Mbps	Right Edge	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	0.15	0.162	0.188
	WLAN5GHz	802.11a 6Mbps	Right Edge	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	0.15	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top Edge	0mm	Ant 4+3(4)	Index 5	52	5260	17.38	18.00	1.153	99.51	1.005	-0.18	0.815	0.944
	WLAN5GHz	802.11a 6Mbps	Top Edge	0mm	Ant 4+3(3)	Index 5	52	5260	17.50	18.00	1.122	99.51	1.005	-0.18	0.001	0.001
114	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	-0.14	1.290	1.495
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	0.08	0.290	0.336
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	0.17	0.869	1.007
	WLAN5GHz	802.11a 6Mbps	Left Edge	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	-0.17	0.390	0.452
	WLAN5GHz	802.11a 6Mbps	Right Edge	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	-0.03	0.184	0.213
	WLAN5GHz	802.11a 6Mbps	Top Edge	0mm	Ant 4	Index 6	52	5260	18.38	19.00	1.153	99.51	1.005	0.14	0.622	0.721
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	0.03	0.438	0.606
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	0.03	0.439	0.498
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	0.08	0.154	0.213
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	0.08	0.156	0.177
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	0.01	0.369	0.510
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	0.01	0.286	0.324
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	0.03	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	0.03	0.436	0.495
	WLAN5GHz	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	-0.1	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	-0.1	0.672	0.762
	WLAN5GHz	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	-0.08	0.055	0.076
	WLAN5GHz	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	-0.08	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 7	54	5270	13.64	15.00	1.368	98.92	1.011	-0.08	0.278	0.384
	WLAN5GHz	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 7	54	5270	14.50	15.00	1.122	98.92	1.011	-0.08	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	0.07	0.712	0.721
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	-0.17	0.160	0.162
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	0.17	0.480	0.486
	WLAN5GHz	802.11a 6Mbps	Left Edge	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	-0.05	0.215	0.218
	WLAN5GHz	802.11a 6Mbps	Right Edge	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	0.01	0.102	0.103
	WLAN5GHz	802.11a 6Mbps	Top Edge	0mm	Ant 4	Index 8	60	5300	16.97	17.00	1.007	99.51	1.005	0.1	0.343	0.347
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.1	0.357	0.440
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.1	0.358	0.362
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	0.07	0.126	0.155
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	0.07	0.127	0.128
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	0.18	0.301	0.371
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	0.18	0.233	0.236
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.1	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.1	0.356	0.360
	WLAN5GHz	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.09	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.09	0.548	0.554
	WLAN5GHz	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	0.01	0.045	0.055
	WLAN5GHz	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	0.01	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 9	54	5270	13.64	14.50	1.219	98.92	1.011	-0.15	0.227	0.280
	WLAN5GHz	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 9	54	5270	14.50	14.50	1.000	98.92	1.011	-0.15	0.001	0.001
115	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	0.17	0.823	1.332
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	0.17	0.751	1.106
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.08	0.292	0.473
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.08	0.270	0.398
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.05	0.556	0.900
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.05	0.464	0.683
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.17	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.17	0.756	1.113
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	-0.13	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	-0.13	0.821	1.209
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	0.12	0.156	0.252
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 5	138	5690	16.00	18.00	1.585	97.98	1.021	0.16	0.514	0.832
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 5	138	5690	16.41	18.00	1.442	97.98	1.021	0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.17	0.664	0.989



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	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.1	0.266	0.396
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.19	0.422	0.629
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	-0.18	0.078	0.116
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.1	0.076	0.113
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4	Index 6	138	5690	15.36	17.00	1.459	97.98	1.021	0.12	0.440	0.655
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	0.1	0.342	0.460
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	0.1	0.343	0.380
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	-0.18	0.120	0.161
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	-0.18	0.122	0.135
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	0.1	0.288	0.388
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	0.1	0.223	0.247
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	0.12	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	0.12	0.341	0.377
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	-0.13	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	-0.13	0.525	0.581
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	0.08	0.043	0.058
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	0.08	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 7	122	5610	13.80	15.00	1.318	97.98	1.021	-0.17	0.217	0.292
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 7	122	5610	14.65	15.00	1.084	97.98	1.021	-0.17	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	0.16	0.438	0.487
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	0.04	0.175	0.195
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	-0.01	0.278	0.309
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	-0.08	0.051	0.057
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	0.05	0.050	0.056
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4	Index 8	122	5610	14.13	14.50	1.089	97.98	1.021	0.06	0.290	0.322
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	0.07	0.298	0.358
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	0.07	0.299	0.305
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.18	0.105	0.126
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.18	0.106	0.108
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	0.03	0.251	0.301
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	0.03	0.194	0.198
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.15	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.15	0.297	0.303
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.03	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.03	0.457	0.467
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	-0.15	0.038	0.046
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	-0.15	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 9	122	5610	13.80	14.50	1.175	97.98	1.021	0.11	0.189	0.227
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 9	122	5610	14.50	14.50	1.000	97.98	1.021	0.11	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	0.12	0.641	0.680
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	0.12	0.436	0.643
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	0.1	0.229	0.243
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	0.01	0.156	0.230
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.11	0.950	1.008
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.11	0.476	0.702
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.09	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.09	0.887	1.308
	WLAN5GHZ	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.09	0.001	0.001
116	WLAN5GHZ	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.09	1.060	1.564
	WLAN5GHZ	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	175	5875	17.42	17.50	1.019	98.92	1.011	-0.06	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	175	5875	16.41	17.50	1.285	98.92	1.011	-0.06	0.724	0.941
	WLAN5GHZ	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	0.16	0.361	0.383
	WLAN5GHZ	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	0.16	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 5	167	5835	18.79	19.00	1.050	98.92	1.011	-0.08	0.664	0.705
	WLAN5GHZ	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 5	167	5835	17.36	19.00	1.459	98.92	1.011	-0.08	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	-0.06	0.820	1.267
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	0.11	0.310	0.479
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	-0.13	0.485	0.749
	WLAN5GHZ	802.11n-HT40 MCS0	Left Edge	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	-0.05	0.034	0.053
	WLAN5GHZ	802.11n-HT40 MCS0	Right Edge	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	0.18	0.147	0.227
	WLAN5GHZ	802.11n-HT40 MCS0	Top Edge	0mm	Ant 4	Index 6	167	5835	16.66	18.50	1.528	98.92	1.011	0.14	0.547	0.845
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	-0.03	0.274	0.310
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	-0.03	0.225	0.293
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.14	0.098	0.111
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.14	0.081	0.106
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.11	0.406	0.460
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.11	0.246	0.320
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	-0.05	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	-0.05	0.458	0.597
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	-0.15	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	-0.15	0.613	0.799
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.18	0.154	0.174
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.18	0.001	0.001



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	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 7	171	5855	15.55	16.00	1.109	97.98	1.021	0.14	0.284	0.322
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 7	171	5855	14.94	16.00	1.276	97.98	1.021	0.14	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.07	0.344	0.460
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	-0.08	0.130	0.174
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.13	0.203	0.271
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.12	0.014	0.019
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.03	0.062	0.083
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4	Index 8	171	5855	14.33	15.50	1.309	97.98	1.021	0.18	0.229	0.306
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.17	0.199	0.269
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.17	0.166	0.254
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.08	0.071	0.096
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.08	0.060	0.092
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.04	0.296	0.400
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.04	0.182	0.279
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.08	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.08	0.339	0.519
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	-0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	-0.12	0.448	0.686
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	0.17	0.112	0.151
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	0.17	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 9	171	5855	14.28	15.50	1.324	97.98	1.021	0.18	0.207	0.280
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 9	171	5855	13.74	15.50	1.500	97.98	1.021	0.18	0.001	0.002

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	-0.17	0.104	0.147	2.66	3.769
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	-0.17	0.155	0.190	2.75	3.365
	WLAN6GHz	802.11ax-HE80 MCS0	Back	0mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	0.04	0.211	0.299	4.91	6.957
	WLAN6GHz	802.11ax-HE80 MCS0	Back	0mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	0.04	0.184	0.225	4.44	5.432
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	0.12	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	0.12	0.221	0.270	5.16	6.313
	WLAN6GHz	802.11ax-HE40 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	3	5965	15.57	16.50	1.239	98.65	1.014	-0.17	0.001	0.001	0.001	0.001
117	WLAN6GHz	802.11ax-HE40 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	3	5965	16.34	16.50	1.038	98.65	1.014	-0.17	0.529	0.557	12.4	13.051
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	71	6305	15.69	16.50	1.205	97.22	1.029	0.19	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	71	6305	15.56	16.50	1.242	97.22	1.029	0.19	0.354	0.452	8.43	10.774
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	119	6545	16.93	17.00	1.016	97.22	1.029	-0.15	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	119	6545	16.69	17.00	1.074	97.22	1.029	-0.15	0.343	0.379	8.02	8.863
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(4)	Index 5	215	7025	17.58	18.00	1.102	97.22	1.029	0.09	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4+3(3)	Index 5	215	7025	16.83	18.00	1.309	97.22	1.029	0.09	0.208	0.280	4.84	6.519
	WLAN6GHz	802.11ax-HE80 MCS0	Right Edge	0mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	-0.01	0.076	0.108	1.41	1.998
	WLAN6GHz	802.11ax-HE80 MCS0	Right Edge	0mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	-0.01	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Top Edge	0mm	Ant 4+3(4)	Index 5	167	6785	17.61	19.00	1.377	97.22	1.029	-0.08	0.211	0.299	4.23	5.994
	WLAN6GHz	802.11ax-HE80 MCS0	Top Edge	0mm	Ant 4+3(3)	Index 5	167	6785	18.25	19.00	1.189	97.22	1.029	-0.08	0.001	0.001	0.006	0.007
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	0.05	0.182	0.254	4.35	6.065
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4	Index 6	7	5985	14.99	15.50	1.125	95.51	1.047	0.15	0.403	0.475	9.28	10.931
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4	Index 6	71	6305	15.18	15.50	1.076	97.22	1.029	0.16	0.201	0.223	4.77	5.281
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4	Index 6	119	6545	16.16	17.00	1.213	97.22	1.029	0.17	0.279	0.348	6.53	8.151
	WLAN6GHz	802.11ax-HE80 MCS0	Front	0mm	Ant 4	Index 6	167	6785	16.20	17.50	1.349	97.22	1.029	0.18	0.256	0.355	5.96	8.273
	WLAN6GHz	802.11ax-HE80 MCS0	Back	0mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	-0.05	0.138	0.192	3.07	4.280
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	0mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	0.18	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE80 MCS0	Right Edge	0mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	0.14	0.064	0.089	1.9	2.649
	WLAN6GHz	802.11ax-HE80 MCS0	Top Edge	0mm	Ant 4	Index 6	215	7025	16.68	18.00	1.355	97.22	1.029	-0.17	0.163	0.227	4.16	5.800

[NFC SAR]

Plot No.	Band	Mode	Test Position	Gap (mm)	Freq. (MHz)	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	NFC	ASK	Front	0mm	13.56	-0.08	0.006	0.006
	NFC	ASK	Back	0mm	13.56	0.1	0.006	0.006
	NFC	ASK	Left Edge	0mm	13.56	-0.18	0.003	0.003
	NFC	ASK	Right Edge	0mm	13.56	0.1	0.001	0.001
118	NFC	ASK	Top Edge	0mm	13.56	0.18	0.009	0.009

14.5 6GHz PD Test Result

Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Grid Step (λ)	iPDn	iPD ratio (≥ -1)	Normal psPD (W/m ²)	Total psPD (W/m ²)
WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(4)	7	5985	13.21	0.0625	2.04	-0.96910013	3.2	3.58
WLAN6GHz	802.11ax-HE80 MCS0	Front	10.03mm	Ant 3+4(4)	7	5985	13.21	0.25	2.55		1.19	1.24
WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(3)	215	7025	16.83	0.0625	3.53	-0.97647564	3.41	3.87
WLAN6GHz	802.11ax-HE80 MCS0	Front	8.54mm	Ant 3+4(3)	215	7025	16.83	0.25	4.42		1.96	2.2

Head

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Grid Step (λ)	Scaling Factor for Measurement Uncertainty	Power Drift (dB)	Normal psPD (W/m ²)	Scaled Normal psPD (W/m ²)	Total psPD (W/m ²)	Scaled Total psPD (W/m ²)
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(4)	7	5985	13.21	14.00	1.199	97.22	1.029	0.0625	1.5535	-0.11	3.2	6.14	3.58	6.86
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(3)	71	6305	12.97	14.00	1.268	97.22	1.029	0.0625	1.5535	0.14	1.48	3.00	2.12	4.30
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(3)	119	6545	16.69	17.00	1.074	97.22	1.029	0.0625	1.5535	-0.05	2.93	5.03	4.26	7.31
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(4)	167	6785	17.61	18.50	1.227	97.22	1.029	0.0625	1.5535	-0.04	1.94	3.81	3.56	6.99
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 3+4(3)	215	7025	16.83	17.50	1.167	97.22	1.029	0.0625	1.5535	-0.05	3.41	6.36	3.87	7.22
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	7	5985	15.12	15.50	1.091	97.22	1.029	0.0625	1.5535	-0.1	2.43	4.24	3.89	6.79
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	71	6305	15.18	15.50	1.076	97.22	1.029	0.0625	1.5535	0.16	2.37	4.08	3.52	6.06
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	119	6545	16.16	17.00	1.213	97.22	1.029	0.0625	1.5535	-0.17	2.89	5.61	3.66	7.10
119	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	167	6785	16.20	17.50	1.349	97.22	1.029	0.0625	1.5535	0.15	2.8	6.04	3.40	7.33
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	215	7025	16.68	18.00	1.355	97.22	1.029	0.0625	1.5535	0.06	2.14	4.64	2.31	5.00

Extremity

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Grid Step (λ)	Scaling Factor for Measurement Uncertainty	Power Drift (dB)	Normal psPD (W/m ²)	Scaled Normal psPD (W/m ²)	Total psPD (W/m ²)	Scaled Total psPD (W/m ²)
120	WLAN6GHz	802.11ax-HE40 MCS0	Left Edge	2mm	Ant 3+4(3)	3	5965	16.34	16.50	1.038	98.65	1.014	0.0625	1.5535	0.01	2.67	4.36	4.57	7.47
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	2mm	Ant 3+4(3)	71	6305	15.56	16.50	1.242	97.22	1.029	0.0625	1.5535	-0.13	1.15	2.28	2.2	4.37
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	2mm	Ant 3+4(3)	119	6545	16.93	17.00	1.016	97.22	1.029	0.0625	1.5535	0.17	2.6	4.22	3.26	5.30
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	2mm	Ant 3+4(3)	167	6785	18.25	19.00	1.189	97.22	1.029	0.0625	1.5535	0.17	2.81	5.34	3.23	6.14
	WLAN6GHz	802.11ax-HE80 MCS0	Left Edge	2mm	Ant 3+4(3)	215	7025	16.83	18.00	1.309	97.22	1.029	0.0625	1.5535	-0.07	0.635	1.33	0.893	1.87
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	7	5985	14.99	15.50	1.125	97.22	1.029	0.0625	1.5535	-0.1	2.43	4.37	3.89	6.99
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	71	6305	15.18	15.50	1.076	97.22	1.029	0.0625	1.5535	0.16	2.37	4.08	3.52	6.06
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	119	6545	16.16	17.00	1.213	97.22	1.029	0.0625	1.5535	-0.17	2.89	5.61	3.66	7.10
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	167	6785	16.20	17.50	1.349	97.22	1.029	0.0625	1.5535	0.15	2.8	6.04	3.40	7.33
	WLAN6GHz	802.11ax-HE80 MCS0	Front	2mm	Ant 4	215	7025	16.68	18.00	1.355	97.22	1.029	0.0625	1.5535	0.06	2.14	4.64	2.31	5.00

14.6 Repeated SAR Measurement

【Repeat SAR 1g - FCC】

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Ratio
1st	LTE Band 13	10M_QPSK_1_0	Right Cheek	0.0	Ant 1	ECI 2	23230	782	24.24	25.10	1.219			-0.02	0.813	0.991	-
2nd	LTE Band 13	10M_QPSK_1_0	Right Cheek	0.0	Ant 1	ECI 2	23230	782	24.24	25.10	1.219			0.05	0.801	0.976	1.02
1st	WCDMA V	RMC 12.2Kbps	Back	5.0	Ant 1	ECI 6	4182	836.4	24.68	24.80	1.028			-0.10	0.816	0.839	-
2nd	WCDMA V	RMC 12.2Kbps	Back	5.0	Ant 1	ECI 6	4182	836.4	24.68	24.80	1.028			0.11	0.807	0.830	1.01
1st	FR1 n66	45M_BPSK_120_120	Right Edge	5.0	Ant 5	ECI 6	349000	1745	18.28	18.30	1.005			-0.01	0.841	0.845	-
2nd	FR1 n66	45M_BPSK_120_120	Right Edge	5.0	Ant 5	ECI 6	349000	1745	18.28	18.30	1.005			-0.14	0.830	0.834	1.01
1st	LTE Band 25	20M_QPSK_1_0	Right Edge	5.0	Ant 5	ECI 6	26340	1880	17.40	17.40	1.0			0.02	0.829	0.829	-
2nd	LTE Band 25	20M_QPSK_1_0	Right Edge	5.0	Ant 5	ECI 6	26340	1880	17.40	17.40	1.0			0.17	0.818	0.818	1.01
1st	LTE Band 41	20M_QPSK_1_0	Bottom Edge	5.0	Ant 0	ECI 6	40185	2549.5	17.50	17.60	1.023	62.9	1.006	0.02	0.820	0.844	-
2nd	LTE Band 41	20M_QPSK_1_0	Bottom Edge	5.0	Ant 0	ECI 6	40185	2549.5	17.50	17.60	1.023	62.9	1.006	-0.08	0.816	0.840	1.00

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 < 1.45W/kg, only one repeated measurement is required.
3. The ratio is the difference in percentage between original and repeated *measured* SAR.
4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

14.7 Power Class 2 and Power Class 3 Linearity

General Note:

This device support Power Class 2 and Power Class 3 operations. 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 and FR1 configuration and exposure condition combination, according to the highest time averaged power for 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, Separate SAR testing for Power Class 2 is not required. Use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is < 10%

Head

LTE Band 41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	25.0	26.9
Reported 1g SAR (W/kg)	0.799	0.795
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	200.17	212.07
Linearity SAR(W/kg)	0.85	
% deviation from Expected Linearity		-6.08%

LTE Band 41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	24.9	26.9
Reported 1g SAR (W/kg)	0.072	0.071
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	195.62	212.07
Linearity SAR(W/kg)	0.08	
% deviation from Expected Linearity		-9.04%

LTE Band 41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.1	21.7
Reported 1g SAR (W/kg)	0.938	0.860
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	64.77	64.05
Linearity SAR(W/kg)	0.93	
% deviation from Expected Linearity		-7.28%

LTE Band 41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	18.5	20.1
Reported 1g SAR (W/kg)	0.851	0.821
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	44.81	44.31
Linearity SAR(W/kg)	0.84	
% deviation from Expected Linearity		-2.44%

FR1 n41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	23.8	26.8
Reported 1g SAR (W/kg)	0.930	0.908
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	239.88	239.32
Linearity SAR(W/kg)	0.93	
% deviation from Expected Linearity		-2.14%

FR1 n41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	24.9	26.9
Reported 1g SAR (W/kg)	0.155	0.130
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	309.03	244.89
Linearity SAR(W/kg)	0.12	
% deviation from Expected Linearity		5.84%

FR1 n41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	18.0	21.0
Reported 1g SAR (W/kg)	0.970	0.945
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	63.10	62.95
Linearity SAR(W/kg)	0.97	
% deviation from Expected Linearity		-2.35%

FR1 n41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.7	18.7
Reported 1g SAR (W/kg)	0.954	0.917
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	37.15	37.07
Linearity SAR(W/kg)	0.95	
% deviation from Expected Linearity		-3.67%

FR1 n77 (27Q)_FCC_Ant 6	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.675	0.586
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	323.59	256.43
Linearity SAR(W/kg)	0.53	
% deviation from Expected Linearity		9.55%

FR1 n77 (27Q)_Ant 7	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	24.6	26.6
Reported 1g SAR (W/kg)	0.785	0.683
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	288.40	228.54
Linearity SAR(W/kg)	0.62	
% deviation from Expected Linearity		9.80%

FR1 n77 (27Q)_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.0	19.0
Reported 1g SAR (W/kg)	0.689	0.644
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	39.81	39.72
Linearity SAR(W/kg)	0.69	
% deviation from Expected Linearity		-6.32%

FR1 n77 (27O)_FCC_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.0	19.0
Reported 1g SAR (W/kg)	0.906	0.842
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	39.81	39.72
Linearity SAR(W/kg)	0.90	
% deviation from Expected Linearity		-6.85%

Hotspot

LTE Band 41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	19.2	20.8
Reported 1g SAR (W/kg)	0.838	0.749
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	52.65	52.06
Linearity SAR(W/kg)	0.83	
% deviation from Expected Linearity		-9.61%

LTE Band 41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.6	19.2
Reported 1g SAR (W/kg)	0.844	0.836
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	36.43	36.02
Linearity SAR(W/kg)	0.83	
% deviation from Expected Linearity		0.18%

LTE Band 41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.1	21.7
Reported 1g SAR (W/kg)	0.717	0.693
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	64.77	64.05
Linearity SAR(W/kg)	0.71	
% deviation from Expected Linearity		-2.26%

LTE Band 41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	18.4	20.0
Reported 1g SAR (W/kg)	0.840	0.818
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	43.79	43.30
Linearity SAR(W/kg)	0.83	
% deviation from Expected Linearity		-1.52%

FR1 n41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.5	20.5
Reported 1g SAR (W/kg)	0.742	0.733
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	56.23	56.10
Linearity SAR(W/kg)	0.74	
% deviation from Expected Linearity		-0.98%

FR1 n41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.6	18.6
Reported 1g SAR (W/kg)	0.841	0.787
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	36.31	36.22
Linearity SAR(W/kg)	0.84	
% deviation from Expected Linearity		-6.19%

FR1 n41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.4	20.4
Reported 1g SAR (W/kg)	0.705	0.703
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	54.95	54.82
Linearity SAR(W/kg)	0.70	
% deviation from Expected Linearity		-0.05%

FR1 n41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.2	18.2
Reported 1g SAR (W/kg)	0.696	0.695
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	33.11	33.03
Linearity SAR(W/kg)	0.69	
% deviation from Expected Linearity		0.10%

FR1 n77 (27Q)_Ant 6	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.7	18.7
Reported 1g SAR (W/kg)	0.569	0.558
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	37.15	37.07
Linearity SAR(W/kg)	0.57	
% deviation from Expected Linearity		-1.72%

FR1 n77 (27Q)_Ant 7	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.1	18.1
Reported 1g SAR (W/kg)	0.710	0.700
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	32.36	32.28
Linearity SAR(W/kg)	0.71	
% deviation from Expected Linearity		-1.16%

FR1 n77 (27Q)_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.7	20.7
Reported 1g SAR (W/kg)	0.587	0.582
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	58.88	58.74
Linearity SAR(W/kg)	0.59	
% deviation from Expected Linearity		-0.62%

FR1 n77 (27O)_FCC_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	14.4	17.4
Reported 1g SAR (W/kg)	0.585	0.570
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	27.54	27.48
Linearity SAR(W/kg)	0.58	
% deviation from Expected Linearity		-2.35%

Body-Worn

LTE Band 41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.5	22.1
Reported 1g SAR (W/kg)	0.774	0.719
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	71.02	70.22
Linearity SAR(W/kg)	0.77	
% deviation from Expected Linearity		-6.05%

LTE Band 41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.2	21.8
Reported 1g SAR (W/kg)	0.738	0.700
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	66.28	65.54
Linearity SAR(W/kg)	0.73	
% deviation from Expected Linearity		-4.08%

LTE Band 41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	22.5	24.1
Reported 1g SAR (W/kg)	0.876	0.845
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	112.57	111.30
Linearity SAR(W/kg)	0.87	
% deviation from Expected Linearity		-2.44%

LTE Band 41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	19.9	21.5
Reported 1g SAR (W/kg)	0.882	0.864
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	61.86	61.16
Linearity SAR(W/kg)	0.87	
% deviation from Expected Linearity		-0.92%

FR1 n41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	19.0	22.0
Reported 1g SAR (W/kg)	0.777	0.728
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	79.43	79.24
Linearity SAR(W/kg)	0.78	
% deviation from Expected Linearity		-6.08%

FR1 n41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.0	20.0
Reported 1g SAR (W/kg)	0.751	0.711
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	50.12	50.00
Linearity SAR(W/kg)	0.75	
% deviation from Expected Linearity		-5.10%

FR1 n41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	19.7	22.7
Reported 1g SAR (W/kg)	0.880	0.855
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	93.33	93.10
Linearity SAR(W/kg)	0.88	
% deviation from Expected Linearity		-2.60%

FR1 n41_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.3	20.3
Reported 1g SAR (W/kg)	0.875	0.850
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	53.70	53.58
Linearity SAR(W/kg)	0.87	
% deviation from Expected Linearity		-2.64%

FR1 n77 (27Q)_Ant 6	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	17.1	20.1
Reported 1g SAR (W/kg)	0.605	0.570
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	51.29	51.16
Linearity SAR(W/kg)	0.60	
% deviation from Expected Linearity		-5.55%

FR1 n77 (27Q)_Ant 7	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.5	19.5
Reported 1g SAR (W/kg)	0.581	0.567
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	44.67	44.56
Linearity SAR(W/kg)	0.58	
% deviation from Expected Linearity		-2.17%

FR1 n77 (27Q)_Ant 5	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	19.1	22.1
Reported 1g SAR (W/kg)	0.651	0.618
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	81.28	81.09
Linearity SAR(W/kg)	0.65	
% deviation from Expected Linearity		-4.85%

FR1 n77 (27O)_FCC_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.3	19.3
Reported 1g SAR (W/kg)	0.727	0.717
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	42.66	42.56
Linearity SAR(W/kg)	0.73	
% deviation from Expected Linearity		-1.14%

Extremity

LTE Band 41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.2	21.8
Reported 10g SAR (W/kg)	0.940	0.860
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	66.28	65.54
Linearity SAR(W/kg)	0.93	
% deviation from Expected Linearity		-7.48%
LTE Band 41_Ant 1	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	22.5	24.1
Reported 10g SAR (W/kg)	1.196	1.072
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	112.57	111.30
Linearity SAR(W/kg)	1.18	
% deviation from Expected Linearity		-9.35%

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Test Engineer : Willie Huang, Wilson Lin, Andy Chiang, Charles Shen, White Huang, Howard Zhao, Barry Huang, Lev Lo, Kevin Guo, Tommy Chen, Lu Chen, Elio Wei and Jordar Jhuang

15. Uncertainty Assessment

The component of uncertainty may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainty by the statistical analysis of a series of observations is termed a Type A evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture's specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in table below.

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor ^(a)	1/k ^(b)	1/√3	1/√6	1/√2

- (a) standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity
- (b) κ is the coverage factor

Standard Uncertainty for Assumed Distribution

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual "root-sum-squares" (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.

Applicable for SAR Measurements:

Uncertainty Budget (4 MHz - 10 GHz range)							
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)
Measurement System							
Probe Calibration	18.60	N	2	1	1	9.3	9.3
Axial Isotropy	4.70	R	1.732	0.7	0.7	1.9	1.9
Hemispherical Isotropy	9.60	R	1.732	0.7	0.7	3.9	3.9
Linearity	4.70	R	1.732	1	1	2.7	2.7
Modulation Response	4.68	R	1.732	1	1	2.7	2.7
System Detection Limits	1.00	R	1.732	1	1	0.6	0.6
Boundary Effects	2.00	R	1.732	1	1	1.2	1.2
Readout Electronics	0.30	N	1	1	1	0.3	0.3
Response Time	0.00	R	1.732	1	1	0.0	0.0
Integration Time	2.60	R	1.732	1	1	1.5	1.5
RF Ambient Noise	3.00	R	1.732	1	1	1.7	1.7
RF Ambient Reflections	3.00	R	1.732	1	1	1.7	1.7
Probe Positioner	0.40	R	1.732	1	1	0.2	0.2
Probe Positioning	6.70	R	1.732	1	1	3.9	3.9
Post-processing	4.00	R	1.732	1	1	2.3	2.3
Test Sample Related							
Device Holder	3.60	N	1	1	1	3.6	3.6
Test sample Positioning	3.03	N	1	1	1	3.0	3.0
Power Scaling	0.00	R	1.732	1	1	0.0	0.0
Power Drift	5.00	R	1.732	1	1	2.9	2.9
Phantom and Setup							
Phantom Uncertainty	7.60	R	1.732	1	1	4.4	4.4
SAR correction	0.00	R	1.732	1	0.84	0.0	0.0
Liquid Conductivity Repeatability	0.03	N	1	0.78	0.77	0.0	0.0
Liquid Conductivity (target)	5.00	R	1.732	0.78	0.77	2.3	2.2
Liquid Conductivity (mea.)	2.50	R	1.732	0.78	0.77	1.1	1.1
Temp. unc. - Conductivity	3.68	R	1.732	0.78	0.77	1.7	1.6
Liquid Permittivity Repeatability	0.02	N	1	0.23	0.26	0.0	0.0
Liquid Permittivity (target)	5.00	R	1.732	0.23	0.26	0.7	0.8
Liquid Permittivity (mea.)	2.50	R	1.732	0.23	0.26	0.3	0.4
Temp. unc. - Permittivity	0.84	R	1.732	0.23	0.26	0.1	0.1
Combined Std. Uncertainty						14.5%	14.2%
Coverage Factor for 95 %						K=2	K=2
Expanded STD Uncertainty						29.0%	28.4%

Applicable for Power Density Measurements:

Error Description	Uncertainty Value (±dB)	Probability	Divisor	(Ci)	Standard Uncertainty (±dB)
Probe Calibration	0.49	N	1	1	0.49
Probe correction	0.00	R	1.732	1	0.00
Frequency response (BW ≤ 1 GHz)	0.20	R	1.732	1	0.12
Sensor cross coupling	0.00	R	1.732	1	0.00
Isotropy	0.50	R	1.732	1	0.29
Linearity	0.20	R	1.732	1	0.12
Probe scattering	0.00	R	1.732	1	0.00
Probe positioning offset	0.30	R	1.732	1	0.17
Probe positioning repeatability	0.04	R	1.732	1	0.02
Sensor mechanical offset	0.00	R	1.732	1	0.00
Probe spatial resolution	0.00	R	1.732	1	0.00
Field impedance dependance	0.00	R	1.732	1	0.00
Amplitude and phase drift	0.00	R	1.732	1	0.00
Amplitude and phase noise	0.04	R	1.732	1	0.02
Measurement area truncation	0.00	R	1.732	1	0.00
Data acquisition	0.03	N	1	1	0.03
Sampling	0.00	R	1.732	1	0.00
Field reconstruction	2.00	R	1.732	1	1.15
Forward transformation	0.00	R	1.732	1	0.00
Power density scaling	0.00	R	1.732	1	0.00
Spatial averaging	0.10	R	1.732	1	0.06
System detection limit	0.04	R	1.732	1	0.02
Uncertainty terms dependent on the DUT and environmental factors					
Probe coupling with DUT	0.00	R	1.732	1	0.0
Modulation response	0.40	R	1.732	1	0.2
Integration time	0.00	R	1.732	1	0.0
Response time	0.00	R	1.732	1	0.0
Device holder influence	0.10	R	1.732	1	0.1
DUT alignment	0.00	R	1.732	1	0.0
RF ambient conditions	0.04	R	1.732	1	0.0
Ambient reflections	0.04	R	1.732	1	0.0
Immunity / secondary reception	0.00	R	1.732	1	0.0
Drift of the DUT		R	1.732	1	
Combined Std. Uncertainty					1.34
Expanded STD Uncertainty (95%)					2.68

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