



FCC SAR TEST REPORT

Report No. : FA3D2001D

	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	6	26140	1860	17.90	18.30	1.096			0	0.523	0.573
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	6	26140	1860	17.77	18.30	1.130			-0.11	0.502	0.567
81	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	5	26140	1860	21.16	22.20	1.271			-0.07	0.567	0.720
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	5	26140	1860	21.05	22.20	1.303			-0.15	0.541	0.705
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	5	26140	1860	21.16	22.20	1.271			-0.1	0.295	0.375
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	5	26140	1860	21.05	22.20	1.303			-0.12	0.256	0.334
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	6	26140	1860	21.16	21.40	1.057			-0.07	0.567	0.599
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	6	26140	1860	21.05	21.40	1.084			-0.15	0.541	0.586
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	6	26140	1860	21.16	21.40	1.057			-0.1	0.295	0.312
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	6	26140	1860	21.05	21.40	1.084			-0.12	0.256	0.277
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	5	26140	1860	21.47	22.30	1.211			0	0.520	0.630
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	5	26140	1860	21.44	22.30	1.219			-0.06	0.507	0.618
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	5	26140	1860	21.47	22.30	1.211			-0.06	0.483	0.585
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	5	26140	1860	21.44	22.30	1.219			-0.05	0.456	0.556
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	6	26140	1860	21.47	21.50	1.007			0	0.520	0.524
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	6	26140	1860	21.44	21.50	1.014			-0.06	0.507	0.514
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	6	26140	1860	21.47	21.50	1.007			-0.06	0.483	0.486
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	6	26140	1860	21.44	21.50	1.014			-0.05	0.456	0.462
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	5/6	26140	1860	23.98	25.00	1.265			-0.01	0.082	0.104
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	5/6	26140	1860	22.96	24.00	1.271			0.03	0.065	0.083
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	5/6	26140	1860	23.98	25.00	1.265			-0.02	0.362	0.458
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	5/6	26140	1860	22.96	24.00	1.271			0.07	0.286	0.363
	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	5/6	26865	831.5	24.39	25.70	1.352			0	0.186	0.251
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	5/6	26865	831.5	23.43	24.70	1.340			0.08	0.154	0.206
82	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	5/6	26865	831.5	24.39	25.70	1.352			0.01	0.329	0.445
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	5/6	26865	831.5	23.43	24.70	1.340			-0.17	0.271	0.363
	LTE Band 5B_Ant 0	15M	QPSK	1	0	Back	10mm	5/6	20475+20574	831.5	23.74	24.50	1.191			-0.01	0.267	0.318
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	5	26865	831.5	25.18	25.70	1.127			-0.14	0.187	0.211
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	5	26865	831.5	24.20	24.70	1.122			-0.1	0.142	0.159
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	5	26865	831.5	25.18	25.70	1.127			-0.02	0.294	0.331
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	5	26865	831.5	24.20	24.70	1.122			0.15	0.234	0.263
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Back	10mm	5	20475+20574	831.5	23.60	24.50	1.230			-0.01	0.204	0.251
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	6	26865	831.5	25.18	25.30	1.028			-0.14	0.187	0.192
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	6	26865	831.5	24.20	24.70	1.122			-0.1	0.142	0.159
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	6	26865	831.5	25.18	25.30	1.028			-0.02	0.294	0.302
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	6	26865	831.5	24.20	24.70	1.122			0.15	0.234	0.263
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Back	10mm	6	20475+20574	831.5	23.60	24.50	1.230			-0.01	0.204	0.251
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	5	27710	2310	16.44	17.90	1.400			-0.1	0.198	0.277
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	5	27710	2310	16.42	17.90	1.406			0.14	0.181	0.254
83	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	5	27710	2310	16.44	17.90	1.400			-0.12	0.493	0.690
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	5	27710	2310	16.42	17.90	1.406			-0.06	0.479	0.673
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	6	27710	2310	16.44	17.10	1.164			-0.1	0.198	0.230
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	6	27710	2310	16.42	17.10	1.169			0.14	0.181	0.212
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	6	27710	2310	16.44	17.10	1.164			-0.12	0.493	0.574
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	6	27710	2310	16.42	17.10	1.169			-0.06	0.479	0.560
	LTE Band 30_Ant 1	10M	QPSK	1	0	Front	10mm	5/6	27710	2310	22.58	23.50	1.236			-0.12	0.097	0.120
	LTE Band 30_Ant 1	10M	QPSK	25	0	Front	10mm	5/6	27710	2310	21.63	22.50	1.222			0.16	0.062	0.076
	LTE Band 30_Ant 1	10M	QPSK	1	0	Back	10mm	5/6	27710	2310	22.58	23.50	1.236			-0.02	0.379	0.468
	LTE Band 30_Ant 1	10M	QPSK	25	0	Back	10mm	5/6	27710	2310	21.63	22.50	1.222			-0.1	0.313	0.382
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	5	132572	1770	17.04	18.20	1.306			-0.1	0.198	0.259
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	5	132572	1770	16.85	18.20	1.365			-0.05	0.169	0.231
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	5	132572	1770	17.04	18.20	1.306			0.01	0.531	0.694
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	5	132572	1770	16.85	18.20	1.365			0.03	0.502	0.685
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Back	10mm	5	132047+132140	1717.5	16.88	18.20	1.355			0.02	0.492	0.667
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Back	10mm	5	132072+132270	1720	16.92	18.20	1.343			-0.05	0.496	0.666



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	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	6	132572	1770	17.04	17.40	1.086			-0.1	0.198	0.215
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	6	132572	1770	16.85	17.40	1.135			-0.05	0.169	0.192
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	6	132572	1770	17.04	17.40	1.086			0.01	0.531	0.577
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	6	132572	1770	16.85	17.40	1.135			0.03	0.502	0.570
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Back	10mm	6	132047+132140	1717.5	16.88	17.40	1.127			0.02	0.492	0.555
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Back	10mm	6	132072+132270	1720	16.92	17.40	1.117			-0.05	0.496	0.554
84	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	5	132572	1770	18.46	19.80	1.361			-0.04	0.525	0.715
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	5	132572	1770	18.33	19.80	1.403			-0.08	0.495	0.694
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	5	132572	1770	18.46	19.80	1.361			0.04	0.293	0.399
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	5	132572	1770	18.33	19.80	1.403			-0.17	0.255	0.358
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Front	10mm	5	132047+132140	1717.5	18.35	19.80	1.396			-0.12	0.487	0.680
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Front	10mm	5	132072+132270	1720	18.38	19.80	1.387			0.06	0.495	0.686
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	6	132572	1770	18.46	19.00	1.132			-0.04	0.525	0.595
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	6	132572	1770	18.33	19.00	1.167			-0.08	0.495	0.578
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	6	132572	1770	18.46	19.00	1.132			0.04	0.293	0.332
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	6	132572	1770	18.33	19.00	1.167			-0.17	0.255	0.298
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Front	10mm	6	132047+132140	1717.5	18.35	19.00	1.161			-0.12	0.487	0.566
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Front	10mm	6	132072+132270	1720	18.38	19.00	1.153			0.06	0.495	0.571
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	5	132572	1770	21.57	22.40	1.211			-0.03	0.299	0.362
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	5	132572	1770	21.52	22.40	1.225			0.01	0.280	0.343
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	5	132572	1770	21.57	22.40	1.211			-0.08	0.556	0.673
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	5	132572	1770	21.52	22.40	1.225			0.1	0.535	0.655
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	6	132572	1770	21.57	21.60	1.007			-0.03	0.299	0.301
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	6	132572	1770	21.52	21.60	1.019			0.01	0.280	0.285
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	6	132572	1770	21.57	21.60	1.007			-0.08	0.556	0.560
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	6	132572	1770	21.52	21.60	1.019			0.1	0.535	0.545
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	5/6	132572	1770	24.04	25.60	1.432			-0.09	0.063	0.090
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	5/6	132572	1770	23.00	24.60	1.445			0.01	0.046	0.066
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	5/6	132572	1770	24.04	25.60	1.432			-0.03	0.312	0.447
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	5/6	132572	1770	23.00	24.60	1.445			0.12	0.254	0.367
	LTE Band 71_Ant 0	20M	QPSK	1	0	Front	10mm	5/6	133297	680.5	24.15	25.70	1.429			0.02	0.200	0.286
	LTE Band 71_Ant 0	20M	QPSK	50	0	Front	10mm	5/6	133297	680.5	23.11	24.70	1.442			0.06	0.147	0.212
85	LTE Band 71_Ant 0	20M	QPSK	1	0	Back	10mm	5/6	133297	680.5	24.15	25.70	1.429			0.03	0.260	0.372
	LTE Band 71_Ant 0	20M	QPSK	50	0	Back	10mm	5/6	133297	680.5	23.11	24.70	1.442			0.14	0.199	0.287
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	5/6	133297	680.5	25.05	25.70	1.161			-0.13	0.125	0.145
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	5/6	133297	680.5	24.07	24.70	1.156			-0.09	0.087	0.101
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	5/6	133297	680.5	25.05	25.70	1.161			0.05	0.201	0.233
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	5/6	133297	680.5	24.07	24.70	1.156			0	0.159	0.184
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	5	40620	2593	20.15	21.40	1.334	62.9	1.006	-0.04	0.105	0.141
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	5	40620	2593	20.13	21.40	1.340	62.9	1.006	0.08	0.092	0.124
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	40620	2593	20.15	21.40	1.334	62.9	1.006	0	0.520	0.698
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	39750	2506	20.07	21.40	1.358	62.9	1.006	0.17	0.499	0.682
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	20.14	21.40	1.337	62.9	1.006	-0.13	0.396	0.532
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	20.08	21.40	1.355	62.9	1.006	-0.04	0.419	0.571
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	41490	2680	19.94	21.40	1.400	62.9	1.006	0.11	0.431	0.607
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	40620	2593	20.13	21.40	1.340	62.9	1.006	0.04	0.506	0.682
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	39750	2506	20.09	21.40	1.352	62.9	1.006	-0.07	0.489	0.665
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	40185	2549.5	20.12	21.40	1.343	62.9	1.006	-0.08	0.374	0.505
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	41055	2636.5	20.09	21.40	1.352	62.9	1.006	0.07	0.398	0.541
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	41490	2680	19.92	21.40	1.406	62.9	1.006	0.06	0.405	0.573
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Back	10mm	5	37850+38048	2580	20.02	21.30	1.343	62.9	1.006	0.08	0.426	0.575
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Back	10mm	5	40185+39987	2549.5	19.88	21.40	1.419	62.9	1.006	0.01	0.365	0.521
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	40620	2593	21.64	23.00	1.368	42.9	1.009	-0.17	0.462	0.638
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	39750	2506	21.57	23.00	1.390	42.9	1.009	0.04	0.420	0.589
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	21.63	23.00	1.371	42.9	1.009	0.1	0.318	0.440



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	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	21.61	23.00	1.377	42.9	1.009	-0.05	0.341	0.474
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	41490	2680	21.46	23.00	1.426	42.9	1.009	-0.11	0.357	0.514
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	6	40620	2593	20.15	20.60	1.109	62.9	1.006	-0.04	0.105	0.117
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	6	40620	2593	20.13	20.60	1.114	62.9	1.006	0.08	0.092	0.103
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	6	40620	2593	20.15	20.60	1.109	62.9	1.006	0	0.520	0.580
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	6	40620	2593	20.13	20.60	1.114	62.9	1.006	0.04	0.506	0.567
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Back	10mm	6	37850+38048	2580	20.02	20.50	1.117	62.9	1.006	0.08	0.476	0.535
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Back	10mm	6	40185+39987	2549.5	19.88	20.60	1.180	62.9	1.006	0.01	0.365	0.433
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	6	40620	2593	21.64	22.20	1.138	42.9	1.009	-0.17	0.462	0.530
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	5	40620	2593	24.40	25.10	1.175	62.9	1.006	0.04	0.106	0.125
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	5	40620	2593	23.39	24.10	1.178	62.9	1.006	-0.17	0.081	0.096
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	5	40620	2593	24.40	25.10	1.175	62.9	1.006	-0.01	0.449	0.531
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	5	40620	2593	23.39	24.10	1.178	62.9	1.006	0.19	0.358	0.424
	LTE Band 38C_Ant 1	20M	QPSK	1	0	Back	10mm	5	37901+38099	2580	22.14	23.00	1.219	62.9	1.006	-0.18	0.268	0.329
	LTE Band 41C_Ant 1	20M	QPSK	1	0	Back	10mm	5	40620+40422	2593	22.22	23.00	1.197	62.9	1.006	0.1	0.275	0.331
	LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	26.31	27.00	1.172	42.9	1.009	0.12	0.437	0.517
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	6	40620	2593	24.40	24.90	1.122	62.9	1.006	0.04	0.106	0.120
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	6	40620	2593	23.39	24.10	1.178	62.9	1.006	-0.17	0.081	0.096
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	6	40620	2593	24.40	24.90	1.122	62.9	1.006	-0.01	0.449	0.507
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	6	40620	2593	23.39	24.10	1.178	62.9	1.006	0.19	0.358	0.424
	LTE Band 38C_Ant 1	20M	QPSK	1	0	Back	10mm	6	37901+38099	2580	22.14	23.00	1.219	62.9	1.006	-0.18	0.268	0.329
	LTE Band 41C_Ant 1	20M	QPSK	1	0	Back	10mm	6	40620+40422	2593	22.22	23.00	1.197	62.9	1.006	0.1	0.275	0.331
	LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Back	10mm	6	40185	2549.5	26.31	26.50	1.045	42.9	1.009	0.12	0.437	0.461
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	5	40185	2549.5	23.79	24.80	1.262	62.9	1.006	0	0.244	0.310
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	5	40185	2549.5	23.32	24.10	1.197	62.9	1.006	-0.18	0.209	0.252
86	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	23.79	24.80	1.262	62.9	1.006	0.02	0.620	0.787
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	39750	2506	23.77	24.80	1.268	62.9	1.006	-0.05	0.450	0.574
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	40620	2593	23.78	24.80	1.265	62.9	1.006	0.06	0.447	0.569
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	23.71	24.80	1.285	62.9	1.006	-0.15	0.315	0.407
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	41490	2680	23.74	24.80	1.276	62.9	1.006	-0.13	0.339	0.435
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	40185	2549.5	23.32	24.10	1.197	62.9	1.006	-0.03	0.554	0.667
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	39750	2506	23.25	24.10	1.216	62.9	1.006	0.08	0.396	0.484
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	40620	2593	23.21	24.10	1.227	62.9	1.006	-0.09	0.394	0.487
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	41055	2636.5	23.20	24.10	1.230	62.9	1.006	-0.18	0.262	0.324
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	41490	2680	23.14	24.10	1.247	62.9	1.006	0.03	0.288	0.361
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	25.03	26.40	1.371	42.9	1.009	0.13	0.510	0.705
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	39750	2506	24.95	26.40	1.396	42.9	1.009	0.17	0.374	0.527
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	40620	2593	24.97	26.40	1.390	42.9	1.009	-0.03	0.358	0.502
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	24.86	26.40	1.426	42.9	1.009	-0.02	0.288	0.414
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	41490	2680	24.92	26.40	1.406	42.9	1.009	-0.07	0.261	0.370
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	6	40185	2549.5	23.79	24.00	1.050	62.9	1.006	0	0.244	0.258
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	6	40185	2549.5	23.32	24.00	1.169	62.9	1.006	-0.18	0.209	0.246
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	40185	2549.5	23.79	24.00	1.050	62.9	1.006	0.02	0.620	0.655
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	39750	2506	23.77	24.00	1.054	62.9	1.006	-0.05	0.450	0.477
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	40620	2593	23.78	24.00	1.052	62.9	1.006	0.06	0.447	0.473
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	41055	2636.5	23.71	24.00	1.069	62.9	1.006	-0.15	0.315	0.339
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	41490	2680	23.74	24.00	1.062	62.9	1.006	-0.13	0.339	0.362
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	40185	2549.5	23.32	24.00	1.169	62.9	1.006	-0.03	0.554	0.652
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	39750	2506	23.25	24.00	1.189	62.9	1.006	0.08	0.396	0.473
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	40620	2593	23.21	24.00	1.199	62.9	1.006	-0.09	0.394	0.475
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	41055	2636.5	23.20	24.00	1.202	62.9	1.006	-0.18	0.262	0.317
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	41490	2680	23.14	24.00	1.219	62.9	1.006	0.03	0.288	0.353
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	40185	2549.5	25.03	25.60	1.140	42.9	1.009	0.13	0.510	0.587
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	39750	2506	24.95	25.60	1.161	42.9	1.009	0.17	0.374	0.438
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	40620	2593	24.97	25.60	1.156	42.9	1.009	-0.03	0.358	0.418
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	41055	2636.5	24.86	25.60	1.186	42.9	1.009	-0.02	0.288	0.345



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	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	41490	2680	24.92	25.60	1.169	42.9	1.009	-0.07	0.261	0.308
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	10mm	5/6	40620	2593	24.02	25.10	1.282	62.9	1.006	0.03	0.221	0.285
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	5/6	40620	2593	22.95	24.10	1.303	62.9	1.006	0.07	0.156	0.205
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	10mm	5/6	40620	2593	24.02	25.10	1.282	62.9	1.006	0.02	0.355	0.458
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	10mm	5/6	40620	2593	22.95	24.10	1.303	62.9	1.006	0.08	0.274	0.359
	LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Back	10mm	5/6	40620	2593	26.08	27.00	1.236	42.9	1.009	-0.05	0.358	0.446
	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	5/6	55830	3609	23.96	25.30	1.361	62.9	1.006	-0.06	0.178	0.244
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	5/6	55830	3609	21.87	23.30	1.390	62.9	1.006	0.13	0.102	0.143
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	5/6	55830	3609	23.96	25.30	1.361	62.9	1.006	-0.01	0.295	0.404
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	5/6	55830	3609	21.87	23.30	1.390	62.9	1.006	-0.18	0.188	0.263
87	LTE Band 48_Ant 1	20M	QPSK	1	0	Front	10mm	5/6	55340	3560	23.01	24.30	1.346	62.9	1.006	-0.02	0.323	0.437
	LTE Band 48_Ant 1	20M	QPSK	50	0	Front	10mm	5/6	55340	3560	20.88	22.30	1.387	62.9	1.006	0.09	0.188	0.262
	LTE Band 48_Ant 1	20M	QPSK	1	0	Back	10mm	5/6	55340	3560	23.01	24.30	1.346	62.9	1.006	-0.09	0.189	0.256
	LTE Band 48_Ant 1	20M	QPSK	50	0	Back	10mm	5/6	55340	3560	20.88	22.30	1.387	62.9	1.006	-0.07	0.117	0.163



<5G NR SAR>

Table with 17 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Test Position, Gap (mm), Power Index, 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). Rows include various antenna configurations for bands n7, n12, n14, and n25.



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	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	5	376500	1882.5	22.26	23.50	1.330	-0.01	0.496	0.660
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	5	376500	1882.5	22.26	23.50	1.330	0	0.432	0.575
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	6	376500	1882.5	22.26	22.70	1.107	0.01	0.503	0.557
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	6	376500	1882.5	22.26	22.70	1.107	0.18	0.495	0.548
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	6	376500	1882.5	22.26	22.70	1.107	-0.01	0.496	0.549
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	6	376500	1882.5	22.26	22.70	1.107	0	0.432	0.478
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	5/6	376500	1882.5	23.54	25.00	1.400	-0.11	0.047	0.066
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	5/6	376500	1882.5	23.51	25.00	1.408	-0.11	0.023	0.032
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	5/6	376500	1882.5	23.54	25.00	1.400	-0.1	0.282	0.395
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	5/6	376500	1882.5	23.51	25.00	1.408	0.1	0.267	0.376
	FR1 n26_Ant 0	20M	BPSK	1	1	Front	10mm	5/6	166300	831.5	24.43	25.70	1.340	0.02	0.206	0.276
	FR1 n26_Ant 0	20M	BPSK	50	28	Front	10mm	5/6	166300	831.5	24.33	25.70	1.371	-0.08	0.166	0.228
92	FR1 n26_Ant 0	20M	BPSK	1	1	Back	10mm	5/6	166300	831.5	24.43	25.70	1.340	-0.12	0.326	0.437
	FR1 n26_Ant 0	20M	BPSK	50	28	Back	10mm	5/6	166300	831.5	24.33	25.70	1.371	0.01	0.308	0.422
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	5/6	166300	831.5	24.26	25.70	1.393	-0.03	0.212	0.295
	FR1 n26_Ant 1	20M	BPSK	50	28	Front	10mm	5/6	166300	831.5	24.10	25.70	1.445	0.14	0.194	0.280
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	5/6	166300	831.5	24.26	25.70	1.393	-0.09	0.305	0.425
	FR1 n26_Ant 1	20M	BPSK	50	28	Back	10mm	5/6	166300	831.5	24.10	25.70	1.445	-0.03	0.283	0.409
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	5	462000	2310	16.39	18.20	1.517	-0.12	0.218	0.331
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	5	462000	2310	16.37	18.20	1.524	0.16	0.194	0.296
93	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	5	462000	2310	16.39	18.20	1.517	-0.01	0.413	0.627
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	5	462000	2310	16.37	18.20	1.524	0.06	0.393	0.599
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	6	462000	2310	16.39	17.40	1.262	-0.12	0.218	0.275
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	6	462000	2310	16.37	17.40	1.268	0.16	0.194	0.246
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	6	462000	2310	16.39	17.40	1.262	-0.01	0.413	0.521
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	6	462000	2310	16.37	17.40	1.268	0.06	0.393	0.498
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	10mm	5	462000	2310	22.45	23.50	1.274	0.18	0.095	0.121
	FR1 n30_Ant 1	10M	BPSK	25	14	Front	10mm	5	462000	2310	22.36	23.50	1.300	-0.18	0.083	0.108
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	10mm	5	462000	2310	22.45	23.50	1.274	0.03	0.420	0.535
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	10mm	5	462000	2310	22.36	23.50	1.300	-0.13	0.408	0.530
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	10mm	6	462000	2310	22.45	23.10	1.161	0.18	0.095	0.110
	FR1 n30_Ant 1	10M	BPSK	25	14	Front	10mm	6	462000	2310	22.36	23.10	1.186	-0.18	0.083	0.098
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	10mm	6	462000	2310	22.45	23.10	1.161	0.03	0.420	0.488
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	10mm	6	462000	2310	22.36	23.10	1.186	-0.13	0.408	0.484
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	5	349000	1745	18.13	19.10	1.250	0.01	0.219	0.274
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	5	349000	1745	18.03	19.10	1.279	0.19	0.194	0.248
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	5	349000	1745	18.13	19.10	1.250	-0.12	0.549	0.686
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	5	349000	1745	18.03	19.10	1.279	0.05	0.521	0.667
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	6	349000	1745	18.13	18.30	1.040	0.01	0.219	0.228
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	6	349000	1745	18.03	18.30	1.064	0.19	0.194	0.206
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	6	349000	1745	18.13	18.30	1.040	-0.12	0.549	0.571
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	6	349000	1745	18.03	18.30	1.064	0.05	0.521	0.554
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	5	349000	1745	20.33	21.50	1.309	-0.12	0.464	0.607
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	5	349000	1745	20.27	21.50	1.327	0.03	0.447	0.593
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	5	349000	1745	20.33	21.50	1.309	0	0.444	0.581
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	5	349000	1745	20.27	21.50	1.327	0.03	0.423	0.561
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	6	349000	1745	20.33	20.70	1.089	-0.12	0.464	0.505
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	6	349000	1745	20.27	20.70	1.104	0.03	0.447	0.494
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	6	349000	1745	20.33	20.70	1.089	0	0.444	0.483
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	6	349000	1745	20.27	20.70	1.104	0.03	0.423	0.467
	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	5	349000	1745	21.14	22.10	1.247	0	0.273	0.341
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	5	349000	1745	21.05	22.10	1.274	-0.11	0.247	0.315
94	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	5	349000	1745	21.14	22.10	1.247	-0.03	0.626	0.781
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	5	349000	1745	21.05	22.10	1.274	0	0.590	0.751
	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	6	349000	1745	21.14	21.30	1.038	0	0.273	0.283



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	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	6	349000	1745	21.05	21.30	1.059	-0.11	0.247	0.262
	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	6	349000	1745	21.14	21.30	1.038	-0.03	0.626	0.649
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	6	349000	1745	21.05	21.30	1.059	0	0.590	0.625
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	5/6	349000	1745	24.31	25.60	1.346	0.03	0.055	0.074
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	5/6	349000	1745	24.16	25.60	1.393	-0.09	0.034	0.047
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	5/6	349000	1745	24.31	25.60	1.346	0	0.299	0.402
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	5/6	349000	1745	24.16	25.60	1.393	0.11	0.277	0.386
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	5	340500	1702.5	17.88	18.80	1.236	-0.19	0.186	0.230
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	5	340500	1702.5	17.75	18.80	1.274	0.13	0.161	0.205
95	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	5	340500	1702.5	17.88	18.80	1.236	-0.09	0.518	0.640
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	5	340500	1702.5	17.75	18.80	1.274	0.19	0.489	0.623
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	6	340500	1702.5	17.88	18.00	1.028	-0.19	0.186	0.191
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	6	340500	1702.5	17.75	18.00	1.059	0.13	0.161	0.171
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	6	340500	1702.5	17.88	18.00	1.028	-0.09	0.518	0.533
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	6	340500	1702.5	17.75	18.00	1.059	0.19	0.489	0.518
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	10mm	5	340500	1702.5	20.86	22.10	1.330	-0.01	0.437	0.581
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	10mm	5	340500	1702.5	20.81	22.10	1.346	-0.1	0.418	0.563
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	10mm	5	340500	1702.5	20.86	22.10	1.330	0	0.421	0.560
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	10mm	5	340500	1702.5	20.81	22.10	1.346	-0.11	0.404	0.544
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	10mm	6	340500	1702.5	20.86	21.30	1.107	-0.01	0.437	0.484
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	10mm	6	340500	1702.5	20.81	21.30	1.119	-0.1	0.418	0.468
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	10mm	6	340500	1702.5	20.86	21.30	1.107	0	0.421	0.466
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	10mm	6	340500	1702.5	20.81	21.30	1.119	-0.11	0.404	0.452
	FR1 n71_Ant 0	20M	BPSK	1	1	Front	10mm	5/6	136100	680.5	24.12	25.70	1.439	0.01	0.176	0.253
	FR1 n71_Ant 0	20M	BPSK	50	28	Front	10mm	5/6	136100	680.5	23.95	25.70	1.496	-0.06	0.139	0.208
96	FR1 n71_Ant 0	20M	BPSK	1	1	Back	10mm	5/6	136100	680.5	24.12	25.70	1.439	-0.03	0.273	0.393
	FR1 n71_Ant 0	20M	BPSK	50	28	Back	10mm	5/6	136100	680.5	23.95	25.70	1.496	0.05	0.252	0.377
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	5/6	136100	680.5	24.04	25.70	1.466	-0.03	0.057	0.084
	FR1 n71_Ant 1	20M	BPSK	50	28	Front	10mm	5/6	136100	680.5	23.93	25.70	1.503	0.18	0.038	0.057
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	5/6	136100	680.5	24.04	25.70	1.466	-0.13	0.158	0.232
	FR1 n71_Ant 1	20M	BPSK	50	28	Back	10mm	5/6	136100	680.5	23.93	25.70	1.503	-0.19	0.149	0.224
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	18.26	19.60	1.361	0.1	0.036	0.049
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	18.17	19.60	1.390	0.16	0.028	0.039
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	18.26	19.60	1.361	0.19	0.495	0.674
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	18.17	19.60	1.390	0.08	0.472	0.656
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	21.15	22.60	1.396	-0.02	0.478	0.667
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	18.26	18.80	1.132	0.1	0.036	0.041
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	18.17	18.80	1.156	0.16	0.028	0.032
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	18.26	18.80	1.132	0.19	0.495	0.561
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	18.17	18.80	1.156	0.08	0.472	0.546
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	21.15	21.80	1.161	-0.02	0.478	0.555
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	21.25	22.20	1.245	0.11	0.104	0.129
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	21.13	22.20	1.279	-0.08	0.094	0.120
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	21.25	22.20	1.245	-0.02	0.470	0.585
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	21.13	22.20	1.279	0	0.425	0.544
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	24.29	25.20	1.233	-0.02	0.462	0.570
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	21.25	21.40	1.035	0.11	0.104	0.108
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	21.13	21.40	1.064	-0.08	0.094	0.100
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	21.25	21.40	1.035	-0.02	0.470	0.487
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	21.13	21.40	1.064	0	0.425	0.452
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	24.29	24.40	1.026	-0.02	0.462	0.474
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	22.07	23.40	1.358	-0.14	0.142	0.193
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	21.91	23.40	1.409	0.06	0.127	0.179
97	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	22.07	23.40	1.358	-0.17	0.568	0.772
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	21.91	23.40	1.409	-0.15	0.511	0.720



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	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	25.20	26.40	1.318	-0.02	0.583	0.769
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	22.07	22.60	1.130	-0.14	0.142	0.160
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	21.91	22.60	1.172	0.06	0.127	0.149
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	22.07	22.60	1.130	-0.17	0.568	0.642
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	21.91	22.60	1.172	-0.15	0.511	0.599
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	25.20	25.60	1.096	-0.02	0.583	0.639
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	22.68	23.50	1.208	0.01	0.274	0.331
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	22.62	23.50	1.225	0.11	0.241	0.295
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	22.68	23.50	1.208	-0.04	0.484	0.585
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	22.62	23.50	1.225	0.15	0.475	0.582
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	24.99	26.50	1.416	0.03	0.403	0.571
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	22.68	22.70	1.005	0.01	0.274	0.275
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	22.62	22.70	1.019	0.11	0.241	0.245
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	22.68	22.70	1.005	-0.04	0.484	0.486
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	22.62	22.70	1.019	0.15	0.475	0.484
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	24.99	25.70	1.178	0.03	0.403	0.475
	FR1 n48_Ant 6	40M	QPSK	1	104	Front	10mm	5	641666	3624.99	20.49	21.00	1.125	-0.13	0.077	0.087
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	5	641666	3624.99	22.85	24.50	1.462	0.17	0.122	0.178
	FR1 n48_Ant 6	40M	QPSK	1	104	Back	10mm	5	641666	3624.99	20.49	21.00	1.125	-0.1	0.260	0.292
98	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	5	641666	3624.99	22.85	24.50	1.462	-0.09	0.440	0.643
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	5	638000	3570	12.89	13.00	1.026	0.04	0.044	0.045
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	5	645332	3679.98	12.86	13.00	1.033	0.05	0.043	0.044
	FR1 n48_Ant 6	30M	BPSK	36	18	Back	10mm	5	645666	3684.99	22.81	24.50	1.476	-0.07	0.424	0.626
	FR1 n48_Ant 6	20M	QPSK	25	12	Back	10mm	5	637334	3560.01	22.83	24.50	1.469	-0.12	0.417	0.613
	FR1 n48_Ant 6	40M	QPSK	1	104	Front	10mm	6	641666	3624.99	20.49	21.00	1.125	-0.13	0.077	0.087
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	6	641666	3624.99	22.85	23.70	1.216	0.17	0.122	0.148
	FR1 n48_Ant 6	40M	QPSK	1	104	Back	10mm	6	641666	3624.99	20.49	21.00	1.125	-0.1	0.260	0.292
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	6	641666	3624.99	22.85	23.70	1.216	-0.09	0.440	0.535
	FR1 n48_Ant 1	40M	BPSK	1	1	Front	10mm	5	641666	3624.99	19.75	20.00	1.059	-0.13	0.248	0.263
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	5	641666	3624.99	22.05	23.30	1.334	0.11	0.389	0.519
	FR1 n48_Ant 1	40M	BPSK	1	0	Back	10mm	5	641666	3624.99	19.75	20.00	1.059	-0.01	0.100	0.106
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	5	641666	3624.99	22.05	23.30	1.334	0.19	0.150	0.200
	FR1 n48_Ant 1	40M	BPSK	1	0	Front	10mm	6	641666	3624.99	19.75	20.00	1.059	-0.13	0.248	0.263
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	6	641666	3624.99	22.05	22.50	1.109	0.11	0.389	0.431
	FR1 n48_Ant 1	40M	BPSK	1	0	Back	10mm	6	641666	3624.99	19.75	20.00	1.059	-0.01	0.100	0.106
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	6	641666	3624.99	22.05	22.50	1.109	0.19	0.150	0.166
	FR1 n48_Ant 2	40M	BPSK	1	1	Front	10mm	5	641666	3624.99	20.24	21.90	1.466	-0.09	0.172	0.252
	FR1 n48_Ant 2	40M	BPSK	50	28	Front	10mm	5	641666	3624.99	20.22	21.90	1.472	-0.17	0.158	0.233
	FR1 n48_Ant 2	40M	BPSK	1	1	Back	10mm	5	641666	3624.99	20.24	21.90	1.466	-0.15	0.326	0.478
	FR1 n48_Ant 2	40M	BPSK	50	28	Back	10mm	5	641666	3624.99	20.22	21.90	1.472	0.09	0.294	0.433
	FR1 n48_Ant 2	40M	BPSK	1	1	Front	10mm	6	641666	3624.99	20.24	21.10	1.219	-0.09	0.172	0.210
	FR1 n48_Ant 2	40M	BPSK	50	28	Front	10mm	6	641666	3624.99	20.22	21.10	1.225	-0.17	0.158	0.193
	FR1 n48_Ant 2	40M	BPSK	1	1	Back	10mm	6	641666	3624.99	20.24	21.10	1.219	-0.15	0.326	0.397
	FR1 n48_Ant 2	40M	BPSK	50	28	Back	10mm	6	641666	3624.99	20.22	21.10	1.225	0.09	0.294	0.360
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	5/6	641666	3624.99	24.06	24.90	1.213	0.14	0.092	0.112
	FR1 n48_Ant 5	40M	BPSK	50	28	Front	10mm	5/6	641666	3624.99	24.01	24.90	1.227	0.07	0.077	0.095
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	5/6	641666	3624.99	24.06	24.90	1.213	0.08	0.248	0.301
	FR1 n48_Ant 5	40M	BPSK	50	28	Back	10mm	5/6	641666	3624.99	24.01	24.90	1.227	0	0.232	0.285
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	5	656000	3840	21.69	22.50	1.205	-0.09	0.399	0.481
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	5	656000	3840	21.53	22.50	1.250	0	0.383	0.479
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	5	656000	3840	21.69	22.50	1.205	-0.08	0.277	0.334
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	5	656000	3840	21.53	22.50	1.250	0.11	0.264	0.330
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Front	10mm	5	656000	3840	24.52	25.50	1.253	-0.09	0.364	0.456
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	6	656000	3840	21.69	21.70	1.002	-0.09	0.399	0.400
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	6	656000	3840	21.53	21.70	1.040	0	0.383	0.398



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Table with 17 columns: Antenna ID, Power, Modulation, Frequency, Power Density, Distance, Orientation, etc. Includes rows for antennas FR1 n77_Ant 6, FR1 n77_Ant 1, FR1 n77_Ant 2, and FR1 n77_Ant 5.



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FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	5	656000	3840	21.85	23.10	1.334	-0.07	0.110	0.147
FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	5	656000	3840	21.75	23.10	1.365	0.11	0.105	0.143
FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	5	656000	3840	24.89	26.10	1.321	-0.03	0.153	0.202
FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	6	656000	3840	21.85	22.30	1.109	-0.02	0.158	0.175
FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	6	656000	3840	21.75	22.30	1.135	0.06	0.135	0.153
FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	6	656000	3840	21.85	22.30	1.109	-0.07	0.110	0.122
FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	6	656000	3840	21.75	22.30	1.135	0.11	0.105	0.119
FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	6	656000	3840	24.89	25.30	1.099	-0.03	0.153	0.168
FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	21.84	23.10	1.337	-0.12	0.076	0.102
FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	21.80	23.10	1.349	0.01	0.072	0.097
FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	21.84	23.10	1.337	0	0.321	0.429
FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	21.80	23.10	1.349	0.12	0.312	0.421
FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	24.96	26.10	1.300	0.03	0.309	0.402
FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	21.84	22.30	1.112	-0.12	0.076	0.084
FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	21.80	22.30	1.122	0.01	0.072	0.081
FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	21.84	22.30	1.112	0	0.321	0.357
FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	21.80	22.30	1.122	0.12	0.312	0.350
FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	24.96	25.30	1.081	0.03	0.309	0.334
FR1 n78_Ant 6	100M	BPSK	1	1	Front	10mm	5	650000	3750	21.60	22.50	1.230	-0.1	0.262	0.322
FR1 n78_Ant 6	100M	BPSK	135	69	Front	10mm	5	650000	3750	21.41	22.50	1.285	0.05	0.238	0.306
FR1 n78_Ant 6	100M	BPSK	1	1	Back	10mm	5	650000	3750	21.60	22.50	1.230	-0.08	0.389	0.479
FR1 n78_Ant 6	100M	BPSK	135	69	Back	10mm	5	650000	3750	21.41	22.50	1.285	-0.12	0.370	0.476
FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	5	650000	3750	24.69	25.50	1.205	-0.05	0.374	0.451
FR1 n78_Ant 6	100M	BPSK	1	1	Front	10mm	6	650000	3750	21.60	21.70	1.023	-0.1	0.262	0.268
FR1 n78_Ant 6	100M	BPSK	135	69	Front	10mm	6	650000	3750	21.41	21.70	1.069	0.05	0.238	0.254
FR1 n78_Ant 6	100M	BPSK	1	1	Back	10mm	6	650000	3750	21.60	21.70	1.023	-0.08	0.389	0.398
FR1 n78_Ant 6	100M	BPSK	135	69	Back	10mm	6	650000	3750	21.41	21.70	1.069	-0.12	0.370	0.396
FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	6	650000	3750	24.69	24.70	1.002	-0.05	0.374	0.375
FR1 n78_Ant 6	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	21.55	22.50	1.245	0.06	0.238	0.296
FR1 n78_Ant 6	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	21.34	22.50	1.306	0.06	0.212	0.277
FR1 n78_Ant 6	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	21.55	22.50	1.245	0.01	0.474	0.590
FR1 n78_Ant 6	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	21.34	22.50	1.306	0.06	0.448	0.585
FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	24.68	25.50	1.208	-0.01	0.485	0.586
FR1 n78_Ant 6	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	21.55	21.70	1.035	0.06	0.238	0.246
FR1 n78_Ant 6	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	21.34	21.70	1.086	0.06	0.212	0.230
FR1 n78_Ant 6	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	21.55	21.70	1.035	0.01	0.474	0.491
FR1 n78_Ant 6	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	21.34	21.70	1.086	0.06	0.448	0.487
FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	24.68	24.70	1.005	-0.01	0.485	0.487
FR1 n78_Ant 1	100M	BPSK	1	1	Front	10mm	5	650000	3750	20.36	21.60	1.330	0.03	0.251	0.334
FR1 n78_Ant 1	100M	BPSK	135	69	Front	10mm	5	650000	3750	20.31	21.60	1.346	0	0.220	0.296
FR1 n78_Ant 1	100M	BPSK	1	1	Back	10mm	5	650000	3750	20.36	21.60	1.330	-0.14	0.436	0.580
FR1 n78_Ant 1	100M	BPSK	135	69	Back	10mm	5	650000	3750	20.31	21.60	1.346	0.08	0.421	0.567
FR1 n78_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	650000	3750	23.46	24.60	1.300	-0.07	0.404	0.525
FR1 n78_Ant 1	100M	BPSK	1	1	Front	10mm	6	650000	3750	20.36	20.80	1.107	0.03	0.251	0.278
FR1 n78_Ant 1	100M	BPSK	135	69	Front	10mm	6	650000	3750	20.31	20.80	1.119	0	0.220	0.246
FR1 n78_Ant 1	100M	BPSK	1	1	Back	10mm	6	650000	3750	20.36	20.80	1.107	-0.14	0.436	0.482
FR1 n78_Ant 1	100M	BPSK	135	69	Back	10mm	6	650000	3750	20.31	20.80	1.119	0.08	0.421	0.471
FR1 n78_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	650000	3750	23.46	23.80	1.081	-0.07	0.404	0.437
FR1 n78_Ant 1	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	20.60	21.60	1.259	-0.02	0.225	0.283
FR1 n78_Ant 1	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	20.55	21.60	1.274	0.07	0.205	0.261
FR1 n78_Ant 1	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	20.60	21.60	1.259	-0.07	0.284	0.358
FR1 n78_Ant 1	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	20.55	21.60	1.274	0.07	0.270	0.344
FR1 n78_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	23.44	24.60	1.306	-0.18	0.269	0.351
FR1 n78_Ant 1	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	20.60	20.80	1.047	-0.02	0.225	0.236
FR1 n78_Ant 1	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	20.55	20.80	1.059	0.07	0.205	0.217



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	FR1 n78_Ant 1	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	20.60	20.80	1.047	-0.07	0.284	0.297
	FR1 n78_Ant 1	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	20.55	20.80	1.059	0.07	0.270	0.286
	FR1 n78_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	23.44	23.80	1.086	-0.18	0.269	0.292
	FR1 n78_Ant 2	100M	BPSK	1	1	Front	10mm	5	650000	3750	20.37	21.80	1.390	-0.19	0.177	0.246
	FR1 n78_Ant 2	100M	BPSK	135	69	Front	10mm	5	650000	3750	20.30	21.80	1.413	-0.14	0.154	0.218
	FR1 n78_Ant 2	100M	BPSK	1	1	Back	10mm	5	650000	3750	20.37	21.80	1.390	-0.02	0.316	0.439
	FR1 n78_Ant 2	100M	BPSK	135	69	Back	10mm	5	650000	3750	20.30	21.80	1.413	-0.04	0.289	0.408
	FR1 n78_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	5	650000	3750	23.41	24.80	1.377	-0.1	0.290	0.399
	FR1 n78_Ant 2	100M	BPSK	1	1	Front	10mm	6	650000	3750	20.37	21.00	1.156	-0.19	0.177	0.205
	FR1 n78_Ant 2	100M	BPSK	135	69	Front	10mm	6	650000	3750	20.30	21.00	1.175	-0.14	0.154	0.181
	FR1 n78_Ant 2	100M	BPSK	1	1	Back	10mm	6	650000	3750	20.37	21.00	1.156	-0.02	0.316	0.365
	FR1 n78_Ant 2	100M	BPSK	135	69	Back	10mm	6	650000	3750	20.30	21.00	1.175	-0.04	0.289	0.340
	FR1 n78_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	6	650000	3750	23.41	24.00	1.146	-0.1	0.290	0.332
	FR1 n78_Ant 2	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	20.31	21.80	1.409	0.07	0.267	0.376
	FR1 n78_Ant 2	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	20.30	21.80	1.413	0.05	0.244	0.345
100	FR1 n78_Ant 2	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	20.31	21.80	1.409	-0.04	0.487	0.686
	FR1 n78_Ant 2	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	20.30	21.80	1.413	0.06	0.469	0.662
	FR1 n78_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	23.56	24.80	1.330	0.01	0.501	0.667
	FR1 n78_Ant 2	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	20.31	21.00	1.172	0.07	0.267	0.313
	FR1 n78_Ant 2	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	20.30	21.00	1.175	0.05	0.244	0.287
	FR1 n78_Ant 2	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	20.31	21.00	1.172	-0.04	0.487	0.571
	FR1 n78_Ant 2	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	20.30	21.00	1.175	0.06	0.469	0.551
	FR1 n78_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	23.56	24.00	1.107	0.01	0.501	0.554
	FR1 n78_Ant 5	100M	BPSK	1	1	Front	10mm	5	650000	3750	21.75	23.10	1.365	-0.16	0.100	0.136
	FR1 n78_Ant 5	100M	BPSK	135	69	Front	10mm	5	650000	3750	21.73	23.10	1.371	0.02	0.094	0.129
	FR1 n78_Ant 5	100M	BPSK	1	1	Back	10mm	5	650000	3750	21.75	23.10	1.365	-0.03	0.099	0.135
	FR1 n78_Ant 5	100M	BPSK	135	69	Back	10mm	5	650000	3750	21.73	23.10	1.371	-0.06	0.092	0.126
	FR1 n78_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	5	650000	3750	24.98	26.10	1.294	-0.04	0.104	0.135
	FR1 n78_Ant 5	100M	BPSK	1	1	Front	10mm	6	650000	3750	21.75	22.30	1.135	-0.16	0.100	0.114
	FR1 n78_Ant 5	100M	BPSK	135	69	Front	10mm	6	650000	3750	21.73	22.30	1.140	0.02	0.094	0.107
	FR1 n78_Ant 5	100M	BPSK	1	1	Back	10mm	6	650000	3750	21.75	22.30	1.135	-0.03	0.099	0.112
	FR1 n78_Ant 5	100M	BPSK	135	69	Back	10mm	6	650000	3750	21.73	22.30	1.140	-0.06	0.092	0.105
	FR1 n78_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	6	650000	3750	24.98	25.30	1.076	-0.04	0.104	0.112
	FR1 n78_Ant 5	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	21.84	23.10	1.337	-0.08	0.082	0.110
	FR1 n78_Ant 5	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	21.75	23.10	1.365	-0.17	0.060	0.082
	FR1 n78_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	21.84	23.10	1.337	-0.01	0.435	0.581
	FR1 n78_Ant 5	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	21.75	23.10	1.365	-0.17	0.422	0.576
	FR1 n78_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	24.95	26.10	1.303	0.08	0.423	0.552
	FR1 n78_Ant 5	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	21.84	22.30	1.112	-0.08	0.082	0.091
	FR1 n78_Ant 5	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	21.75	22.30	1.135	-0.17	0.060	0.068
	FR1 n78_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	21.84	22.30	1.112	-0.01	0.435	0.484
	FR1 n78_Ant 5	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	21.75	22.30	1.135	-0.17	0.422	0.479
	FR1 n78_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	24.95	25.30	1.084	0.08	0.423	0.459

<NTN SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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)
	NTN Band 23_Ant 0	15K	BPSK	1	0	Front	10mm	5	25600	2010	22.59	23.80	1.321	60	1.133	0.14	0.202	0.302
101	NTN Band 23_Ant 0	15K	BPSK	1	0	Back	10mm	5	25600	2010	22.59	23.80	1.321	60	1.133	-0.05	0.584	0.874
	NTN Band 255_Ant 0	15K	BPSK	1	0	Front	10mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	0.16	0.206	0.339
102	NTN Band 255_Ant 0	15K	BPSK	1	0	Back	10mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	-0.04	0.454	0.747



<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	3-1	6	2437	20.85	21.00	1.035	100	1.000	0.18	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	3-1	6	2437	20.85	21.00	1.035	100	1.000	0.12	0.114	0.118
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	3-2	6	2437	19.40	19.50	1.023	100	1.000	-0.02	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	3-2	6	2437	19.40	19.50	1.023	100	1.000	0.01	0.079	0.081
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	4-2	6	2437	14.29	15.50	1.321	100	1.000	-0.05	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	4-2	6	2437	14.29	15.50	1.321	100	1.000	-0.06	0.025	0.033
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	3-1	12	2467	20.85	21.00	1.035	100	1.000	-0.16	0.746	0.772
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	3-1	12	2467	20.85	21.00	1.035	100	1.000	0.03	0.603	0.624
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	3-2	12	2467	19.37	19.50	1.030	100	1.000	0.11	0.512	0.528
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	3-2	12	2467	19.37	19.50	1.030	100	1.000	-0.06	0.425	0.438
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	4-2	12	2467	14.26	15.50	1.330	100	1.000	0.07	0.192	0.255
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	4-2	12	2467	14.26	15.50	1.330	100	1.000	-0.13	0.147	0.196
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	3-1	6	2437	20.85	21.00	1.035	100	1.000	-0.13	0.082	0.085
103	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	3-1	6	2437	20.95	21.00	1.012	100	1.000	-0.13	0.764	0.773
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	3-1	6	2437	20.85	21.00	1.035	100	1.000	0.12	0.066	0.068
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	3-1	6	2437	20.95	21.00	1.012	100	1.000	0.12	0.616	0.623
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	3-2	6	2437	18.55	19.50	1.245	100	1.000	0.17	0.051	0.063
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	3-2	6	2437	19.45	19.50	1.012	100	1.000	0.06	0.522	0.528
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	3-2	6	2437	18.55	19.50	1.245	100	1.000	-0.14	0.031	0.039
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	3-2	6	2437	19.45	19.50	1.012	100	1.000	-0.01	0.422	0.427
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	4-2	6	2437	14.10	15.50	1.380	100	1.000	-0.02	0.021	0.029
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	4-2	6	2437	14.65	15.50	1.216	100	1.000	-0.03	0.191	0.232
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	4-2	6	2437	14.10	15.50	1.380	100	1.000	0.15	0.011	0.015
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	4-2	6	2437	14.65	15.50	1.216	100	1.000	0.14	0.123	0.150
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.09	0.043	0.045
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	0.18	0.097	0.108
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	-0.05	0.194	0.202
104	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	0.07	0.440	0.490
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	0.13	0.015	0.016
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	0.01	0.039	0.043
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	-0.01	0.106	0.111
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	-0.09	0.212	0.233
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	0.12	0.063	0.068
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	0.19	0.210	0.215
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	0.03	0.152	0.164
105	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	-0.02	0.502	0.514
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	0.02	0.021	0.022
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	-0.11	0.078	0.087
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	-0.11	0.024	0.025
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	0.07	0.172	0.192
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	3-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.03	0.018	0.023
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	3-1	155	5775	16.30	18.00	1.479	97.77	1.023	0.03	0.134	0.203
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	3-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.12	0.074	0.096
106	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	3-1	155	5775	16.30	18.00	1.479	97.77	1.023	0.12	0.390	0.590
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	4-1	155	5775	13.87	14.00	1.030	97.77	1.023	0.05	0.008	0.008
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	4-1	155	5775	13.69	14.00	1.074	97.77	1.023	0.05	0.077	0.085
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	4-1	155	5775	13.87	14.00	1.030	97.77	1.023	-0.18	0.055	0.058
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	4-1	155	5775	13.69	14.00	1.074	97.77	1.023	-0.15	0.173	0.190
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.01	0.033	0.045



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	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.19	0.152	0.211
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.09	0.050	0.068
107	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	0.09	0.319	0.443
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	0.12	0.015	0.018
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	10mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.03	0.071	0.087
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	0.16	0.042	0.051
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	10mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.11	0.185	0.227

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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-HE160 MCS0	Front	10mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	-0.17	0.001	0.001	0.005	0.005
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.13	0.038	0.060	0.188	0.298
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	0.12	0.008	0.008	0.060	0.063
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.15	0.104	0.165	0.781	1.238
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	3-1	15	6025	11.50	11.50	1.000	95.24	1.050	0.07	0.005	0.005	0.040	0.042
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	3-1	15	6025	11.50	11.50	1.000	95.24	1.050	0	0.080	0.084	0.641	0.673
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	3-1	47	6185	10.65	11.50	1.216	95.24	1.050	0.19	0.006	0.008	0.047	0.060
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	3-1	47	6185	11.45	11.50	1.012	95.24	1.050	0.03	0.086	0.091	0.672	0.714
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	3-1	111	6505	13.93	14.00	1.016	95.24	1.050	0.02	0.008	0.009	0.061	0.065
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	3-1	111	6505	13.63	14.00	1.089	95.24	1.050	-0.16	0.120	0.137	0.911	1.042
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	3-1	143	6665	15.93	16.50	1.140	95.24	1.050	0.04	0.011	0.013	0.071	0.085
108	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	3-1	143	6665	15.23	16.50	1.340	95.24	1.050	0.04	0.148	0.208	1.070	1.505

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	2/3/4	39	2441	19.38	19.50	1.028	77	1.082	0	0.001	0.001
	Bluetooth	1Mbps	Back	10mm	Ant 3	2/3/4	39	2441	19.38	19.50	1.028	77	1.082	0.03	0.099	0.110
	Bluetooth	1Mbps	Front	10mm	Ant 4	3/4	39	2441	19.46	19.50	1.010	77.1	1.080	-0.02	0.284	0.310
	Bluetooth	1Mbps	Back	10mm	Ant 4	3/4	39	2441	19.46	19.50	1.010	77.1	1.080	-0.03	0.343	0.374
	Bluetooth	1Mbps	Front	10mm	Ant 4	2	39	2441	16.30	17.50	1.318	77.1	1.080	-0.03	0.148	0.211
	Bluetooth	1Mbps	Back	10mm	Ant 4	2	39	2441	16.30	17.50	1.318	77.1	1.080	-0.04	0.179	0.255
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	3/4	39	2441	19.38	19.50	1.028	76.86	1.084	0.04	0.001	0.001
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	3/4	39	2441	19.46	19.50	1.010	76.86	1.084	0.09	0.220	0.241
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	3/4	39	2441	19.38	19.50	1.028	76.86	1.084	0.09	0.190	0.212
109	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	3/4	39	2441	19.46	19.50	1.010	76.86	1.084	0.09	0.432	0.473
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	2	39	2441	17.82	18.00	1.042	76.86	1.084	0.09	0.001	0.001
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	2	39	2441	17.90	18.00	1.023	76.86	1.084	0.05	0.218	0.242
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	2	39	2441	17.82	18.00	1.042	76.86	1.084	-0.16	0.123	0.139
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	2	39	2441	17.90	18.00	1.023	76.86	1.084	-0.11	0.299	0.332

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Power Index	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)
	Thread_Ant 3	250K	Front	10mm	Index 2/3/4	11	2405	18.51	19.50	1.256	-0.18	0.001	0.001
110	Thread_Ant 3	250K	Back	10mm	Index 2/3/4	11	2405	18.51	19.50	1.256	0.01	0.071	0.089



15.4 Product Specific SAR

<NTN SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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)
	NTN Band 23_Ant 0	15K	BPSK	1	0	Front	0mm	5	25600	2010	22.59	23.80	1.321	60	1.133	-0.1	0.512	0.766
	NTN Band 23_Ant 0	15K	BPSK	1	0	Back	0mm	5	25600	2010	22.59	23.80	1.321	60	1.133	-0.01	0.867	1.298
111	NTN Band 23_Ant 0	15K	BPSK	1	0	Right Side	0mm	5	25600	2010	22.59	23.80	1.321	60	1.133	-0.06	0.954	1.428
	NTN Band 23_Ant 0	15K	BPSK	1	0	Bottom Side	0mm	5	25600	2010	22.59	23.80	1.321	60	1.133	-0.12	0.745	1.115
	NTN Band 255_Ant 0	15K	BPSK	1	0	Front	0mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	-0.06	0.877	1.443
	NTN Band 255_Ant 0	15K	BPSK	1	0	Back	0mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	-0.11	1.350	2.221
	NTN Band 255_Ant 0	15K	BPSK	1	0	Back	0mm	5	261843	1660.4	22.36	24.00	1.459	60	1.133	-0.01	1.360	2.248
	NTN Band 255_Ant 0	15K	BPSK	1	0	Back	0mm	5	261674	1643.5	22.30	24.00	1.479	60	1.133	0.06	1.050	1.760
112	NTN Band 255_Ant 0	15K	BPSK	1	0	Right Side	0mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	-0.04	1.370	2.254
	NTN Band 255_Ant 0	15K	BPSK	1	0	Right Side	0mm	5	261843	1660.4	22.36	24.00	1.459	60	1.133	-0.1	1.320	2.182
	NTN Band 255_Ant 0	15K	BPSK	1	0	Right Side	0mm	5	261674	1643.5	22.30	24.00	1.479	60	1.133	0.13	1.030	1.726
	NTN Band 255_Ant 0	15K	BPSK	1	0	Bottom Side	0mm	5	261505	1626.6	22.38	24.00	1.452	60	1.133	-0.03	0.526	0.865

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.19	0.194	0.202
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.02	0.440	0.490
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.09	0.263	0.273
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.01	0.596	0.664
	WLAN5GHZ	802.11n-HT40 MCS0	Left Side	0mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	-0.03	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Left Side	0mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.15	0.197	0.219
	WLAN5GHZ	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	-0.06	0.845	0.879
	WLAN5GHZ	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	0.1	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.08	0.001	0.001
113	WLAN5GHZ	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	54	5270	19.57	20.00	1.104	99.13	1.009	0	1.630	1.816
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	0.01	0.077	0.081
	WLAN5GHZ	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	0.19	0.175	0.192
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	-0.15	0.108	0.114
	WLAN5GHZ	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	0.17	0.246	0.270
	WLAN5GHZ	802.11n-HT40 MCS0	Left Side	0mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	-0.11	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Left Side	0mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	0.03	0.081	0.089
	WLAN5GHZ	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	0.09	0.329	0.346
	WLAN5GHZ	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	-0.12	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	4-1	54	5270	15.82	16.00	1.042	99.13	1.009	0	0.001	0.001
	WLAN5GHZ	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	4-1	54	5270	15.63	16.00	1.089	99.13	1.009	-0.03	0.718	0.789
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	0.13	0.165	0.178
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	0.06	0.546	0.559
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	-0.04	0.131	0.141
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	0.02	0.433	0.443
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	0.1	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	-0.06	0.310	0.317
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	-0.03	0.640	0.690
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	0.13	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	138	5690	18.27	18.50	1.054	97.77	1.023	0.19	0.001	0.001
114	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	138	5690	18.50	18.50	1.000	97.77	1.023	-0.04	1.880	1.923



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	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	0.15	0.060	0.062
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	-0.15	0.198	0.221
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	0.14	0.047	0.048
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	0.02	0.155	0.173
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	-0.14	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	0.05	0.111	0.124
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	-0.15	0.251	0.259
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	0.08	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	4-1	138	5690	14.47	14.50	1.007	97.77	1.023	0	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	4-1	138	5690	14.13	14.50	1.089	97.77	1.023	-0.04	0.643	0.716
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.1	0.064	0.087
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	0.06	0.339	0.471
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.06	0.072	0.098
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.11	0.380	0.528
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.01	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.07	0.237	0.329
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	-0.19	0.560	0.760
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.09	0.001	0.001
115	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.06	1.210	1.681
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	0.05	0.029	0.035
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.05	0.155	0.190
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	0.12	0.034	0.041
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.03	0.178	0.218
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	-0.15	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Side	0mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.06	0.105	0.129
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	-0.18	0.244	0.296
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	4-1	163	5815	13.35	14.00	1.161	95.82	1.044	0	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	4-1	163	5815	13.30	14.00	1.175	95.82	1.044	0	0.646	0.792



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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-HE160 MCS0	Front	0mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	-0.13	0.002	0.002	0.040	0.042
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.04	0.040	0.063	0.816	1.294
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	0.11	0.010	0.011	0.189	0.198
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	0.01	0.128	0.203	2.420	3.837
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	0.17	0.001	0.001	0.017	0.018
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.11	0.097	0.154	1.660	2.632
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	-0.07	0.088	0.092	1.770	1.859
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.12	0.001	0.002	0.001	0.002
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	207	6985	16.50	16.50	1.000	95.24	1.050	0.17	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	207	6985	14.71	16.50	1.510	95.24	1.050	-0.06	0.232	0.368	5.060	8.023
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	15	6025	11.50	11.50	1.000	95.24	1.050	-0.15	0.001	0.001	0.024	0.025
116	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	15	6025	11.50	11.50	1.000	95.24	1.050	-0.01	0.361	0.379	8.560	8.988
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	47	6185	10.65	11.50	1.216	95.24	1.050	-0.09	0.001	0.001	0.019	0.024
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	47	6185	11.45	11.50	1.012	95.24	1.050	-0.08	0.284	0.302	5.480	5.821
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	111	6505	13.93	14.00	1.016	95.24	1.050	-0.03	0.001	0.001	0.017	0.018
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	111	6505	13.63	14.00	1.089	95.24	1.050	0.14	0.259	0.296	4.420	5.054
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	3-1	143	6665	15.93	16.50	1.140	95.24	1.050	-0.19	0.001	0.001	0.020	0.024
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	3-1	143	6665	15.23	16.50	1.340	95.24	1.050	0.03	0.264	0.371	5.180	7.287

<NFC SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Freq. (MHz)	Power Drift (dB)	Measured 10g SAR (W/kg)
	NFC	ASK	Front	0mm	13.56	-0.11	0.001
117	NFC	ASK	Back	0mm	13.56	0.13	0.044
	NFC	ASK	Left Side	0mm	13.56	0	0.001
	NFC	ASK	Right Side	0mm	13.56	-0.11	0.001
	NFC	ASK	Top Side	0mm	13.56	-0.01	0.001
	NFC	ASK	Bottom Side	0mm	13.56	0.14	0.001

15.5 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_SP	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	15	6025	11.50	0.0625	1.4	0.96910013	3.32	4.54
WLAN6GHz_SP	802.11ax-HE160 MCS0	Top Side	10mm	Ant 3+4(4)	15	6025	11.50	0.25	1.12		0.952	1.07
WLAN6GHz_LPI	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	207	6985	14.71	0.0625	1.9	2.142956117	2.23	3.02
WLAN6GHz_LPI	802.11ax-HE160 MCS0	Top Side	8.59mm	Ant 3+4(4)	207	6985	14.71	0.25	1.16		0.321	0.406

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)	Total psPD (W/m ²)
	WLAN6GHz	802.11a 6Mbps	Front	2mm	Ant 3+4(4)	173	6815	20.95	21.00	1.012	98.40	1.016	0.0625	1.5535	-0.04	2.79	4.45	3.5	5.59
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	15	6025	15.95	16.00	1.012	95.24	1.050	0.0625	1.5535	-0.05	3.34	5.51	4.44	7.33
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	47	6185	15.95	16.00	1.012	95.24	1.050	0.0625	1.5535	0.06	3.23	5.33	4.06	6.70
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	111	6505	17.83	19.00	1.309	95.24	1.050	0.0625	1.5535	-0.02	2.23	4.76	3.05	6.51
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	207	6985	17.21	18.50	1.346	95.24	1.050	0.0625	1.5535	0.17	1.84	4.04	2.01	4.41
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	207	6985	14.71	16.50	1.510	95.24	1.050	0.0625	1.5535	-0.04	1.07	2.64	1.22	3.01
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	207	6985	14.71	16.50	1.510	95.24	1.050	0.0625	1.5535	0.17	1.55	3.82	1.77	4.36
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(4)	207	6985	14.71	16.50	1.510	95.24	1.050	0.0625	1.5535	-0.08	1.11	2.73	1.32	3.25
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 3+4(4)	207	6985	14.71	16.50	1.510	95.24	1.050	0.0625	1.5535	-0.06	1.17	2.88	1.26	3.10
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	207	6985	14.71	16.50	1.510	95.24	1.050	0.0625	1.5535	0.03	2.23	5.49	3.02	7.44
118	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	143	6665	15.23	16.50	1.340	95.24	1.050	0.0625	1.5535	-0.06	2.8	6.12	3.42	7.47
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	15	6025	11.50	11.50	1.000	95.24	1.050	0.0625	1.5535	0.09	3.32	5.42	4.54	7.41
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	47	6185	11.45	11.50	1.012	95.24	1.050	0.0625	1.5535	0.01	2.29	3.78	2.81	4.64
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	111	6505	13.63	14.00	1.089	95.24	1.050	0.0625	1.5535	0.15	1.52	2.70	2.02	3.59



16. Open Mode SAR Result

16.1 Head SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	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)
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Cheek	0mm	7/8	128	824.2	29.16	30.50	1.361	0.18	0.102	0.139
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	128	824.2	29.16	30.50	1.361	0.1	0.061	0.083
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Cheek	0mm	7/8	128	824.2	29.16	30.50	1.361	-0.07	0.243	0.331
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Tilted	0mm	7/8	128	824.2	29.16	30.50	1.361	-0.18	0.115	0.157
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	7/8	128	824.2	26.36	26.90	1.132	-0.15	0.412	0.467
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	128	824.2	26.36	26.90	1.132	-0.15	0.725	0.821
119	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	189	836.4	26.34	26.90	1.138	-0.08	0.726	0.826
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	251	848.8	26.27	26.90	1.156	0.15	0.706	0.816
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	7/8	128	824.2	26.36	26.90	1.132	-0.07	0.155	0.176
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	7/8	128	824.2	26.36	26.90	1.132	0.16	0.164	0.186
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Cheek	0mm	7/8	512	1850.2	26.36	27.50	1.300	0.15	0.057	0.074
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	512	1850.2	26.36	27.50	1.300	0.07	0.033	0.043
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Cheek	0mm	7/8	512	1850.2	26.36	27.50	1.300	0.12	0.065	0.085
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Tilted	0mm	7/8	512	1850.2	26.36	27.50	1.300	0.08	0.043	0.056
120	GSM1900_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	7/8	661	1880	19.71	19.80	1.021	0.13	0.756	0.772
	GSM1900_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	7/8	661	1880	19.71	19.80	1.021	0.11	0.336	0.343
	GSM1900_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	7/8	661	1880	19.71	19.80	1.021	-0.02	0.233	0.238
	GSM1900_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	7/8	661	1880	19.71	19.80	1.021	0.1	0.159	0.162



<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	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_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	7/8	9400	1880	24.75	25.60	1.216	0.17	0.054	0.066
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Tilted	0mm	7/8	9400	1880	24.75	25.60	1.216	-0.06	0.042	0.051
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Cheek	0mm	7/8	9400	1880	24.75	25.60	1.216	0.15	0.070	0.085
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Tilted	0mm	7/8	9400	1880	24.75	25.60	1.216	-0.11	0.041	0.050
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	9400	1880	14.86	15.30	1.107	0.15	0.731	0.809
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	9262	1852.4	14.82	15.30	1.117	0.18	0.707	0.790
121	WCDMA II_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	9538	1907.6	14.69	15.30	1.151	0.04	0.709	0.816
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	7/8	9400	1880	14.86	15.30	1.107	-0.17	0.345	0.382
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	7/8	9400	1880	14.86	15.30	1.107	0.1	0.233	0.258
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	7/8	9400	1880	14.86	15.30	1.107	0.17	0.170	0.188
	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	7/8	1413	1732.6	24.44	25.60	1.306	-0.08	0.100	0.131
	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Tilted	0mm	7/8	1413	1732.6	24.44	25.60	1.306	-0.12	0.110	0.144
	WCDMA IV_Ant 2	RMC 12.2Kbps	Left Cheek	0mm	7/8	1413	1732.6	24.44	25.60	1.306	0.03	0.168	0.219
	WCDMA IV_Ant 2	RMC 12.2Kbps	Left Tilted	0mm	7/8	1413	1732.6	24.44	25.60	1.306	-0.08	0.102	0.133
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	1312	1712.4	17.97	18.10	1.030	-0.01	0.785	0.809
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	1413	1732.6	17.96	18.10	1.033	-0.11	0.680	0.702
122	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	1513	1752.6	17.90	18.10	1.047	-0.01	0.777	0.814
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	7/8	1312	1712.4	17.97	18.10	1.030	0.05	0.621	0.640
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	7/8	1312	1712.4	17.97	18.10	1.030	0.16	0.407	0.419
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	7/8	1312	1712.4	17.97	18.10	1.030	0.02	0.298	0.307
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Cheek	0mm	7/8	4233	846.6	24.72	25.00	1.067	-0.16	0.105	0.112
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Tilted	0mm	7/8	4233	846.6	24.72	25.00	1.067	0.04	0.057	0.061
	WCDMA V_Ant 0	RMC 12.2Kbps	Left Cheek	0mm	7/8	4233	846.6	24.72	25.00	1.067	0.15	0.171	0.182
	WCDMA V_Ant 0	RMC 12.2Kbps	Left Tilted	0mm	7/8	4233	846.6	24.72	25.00	1.067	0.17	0.063	0.067
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	7/8	4182	836.4	22.01	23.00	1.256	0.01	0.456	0.573
123	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	7/8	4182	836.4	22.01	23.00	1.256	-0.08	0.649	0.815
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	7/8	4132	826.4	21.86	23.00	1.300	0.09	0.607	0.789
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	7/8	4233	846.6	21.87	23.00	1.297	0.04	0.613	0.795
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	7/8	4182	836.4	22.01	23.00	1.256	-0.03	0.214	0.269
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	7/8	4182	836.4	22.01	23.00	1.256	-0.09	0.333	0.418



<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	20850	2510	23.91	25.00	1.285			-0.08	0.037	0.048
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	7/8	20850	2510	22.98	24.00	1.265			-0.17	0.030	0.038
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	7/8	20850	2510	23.91	25.00	1.285			0.04	0.026	0.033
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	7/8	20850	2510	22.98	24.00	1.265			0.07	0.021	0.027
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	7/8	20850	2510	23.91	25.00	1.285			0.14	0.048	0.062
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	7/8	20850	2510	22.98	24.00	1.265			0.05	0.038	0.048
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	7/8	20850	2510	23.91	25.00	1.285			-0.14	0.025	0.032
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	7/8	20850	2510	22.98	24.00	1.265			-0.18	0.020	0.025
	LTE Band 7C_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	7/8	21350+21152	2560	22.74	24.00	1.337			0.06	0.035	0.047
124	LTE Band 7_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	21100	2535	17.86	18.50	1.159			0.04	0.704	0.816
	LTE Band 7_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	20850	2510	17.85	18.50	1.161			-0.01	0.553	0.642
	LTE Band 7_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	21350	2560	17.82	18.50	1.169			-0.03	0.688	0.805
	LTE Band 7_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	21100	2535	17.80	18.50	1.175			-0.18	0.671	0.788
	LTE Band 7_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	7/8	21100	2535	17.78	18.50	1.180			0.13	0.645	0.761
	LTE Band 7_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	21100	2535	17.86	18.50	1.159			0.13	0.361	0.418
	LTE Band 7_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	21100	2535	17.80	18.50	1.175			0.14	0.345	0.405
	LTE Band 7_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	21100	2535	17.86	18.50	1.159			0.09	0.263	0.305
	LTE Band 7_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	21100	2535	17.80	18.50	1.175			0.07	0.251	0.295
	LTE Band 7_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	21100	2535	17.86	18.50	1.159			0.05	0.244	0.283
	LTE Band 7_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	21100	2535	17.80	18.50	1.175			0.04	0.236	0.277
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	20850+21048	2510	17.84	18.50	1.164			-0.05	0.666	0.775
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	7/8	23095	707.5	24.11	25.70	1.442			-0.12	0.069	0.100
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	7/8	23095	707.5	23.20	24.70	1.413			0.11	0.055	0.078
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	7/8	23095	707.5	24.11	25.70	1.442			-0.04	0.033	0.048
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	7/8	23095	707.5	23.20	24.70	1.413			0.02	0.026	0.037
	LTE Band 12_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	7/8	23095	707.5	24.11	25.70	1.442			0.02	0.150	0.216
	LTE Band 12_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	7/8	23095	707.5	23.20	24.70	1.413			-0.08	0.121	0.171
	LTE Band 12_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	7/8	23095	707.5	24.11	25.70	1.442			-0.11	0.062	0.089
	LTE Band 12_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	7/8	23095	707.5	23.20	24.70	1.413			-0.19	0.050	0.071
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7/8	23095	707.5	22.82	23.30	1.117			0.01	0.390	0.436
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	7/8	23095	707.5	22.78	23.30	1.127			-0.15	0.372	0.419
125	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	7/8	23095	707.5	22.82	23.30	1.117			0	0.735	0.821
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	7/8	23095	707.5	22.78	23.30	1.127			-0.17	0.711	0.801
	LTE Band 12_Ant 1	10M	QPSK	50	0	Right Tilted	0mm	7/8	23095	707.5	22.75	23.30	1.135			-0.01	0.687	0.780
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	7/8	23095	707.5	22.82	23.30	1.117			0.03	0.310	0.346
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	7/8	23095	707.5	22.78	23.30	1.127			0.01	0.296	0.334
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	7/8	23095	707.5	22.82	23.30	1.117			0.01	0.510	0.570
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	7/8	23095	707.5	22.78	23.30	1.127			0.18	0.488	0.550
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	7/8	23230	782	24.20	25.70	1.413			0.05	0.066	0.093
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	7/8	23230	782	23.35	24.70	1.365			0	0.054	0.074
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	7/8	23230	782	24.20	25.70	1.413			0.08	0.050	0.071
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	7/8	23230	782	23.35	24.70	1.365			0.17	0.041	0.056
	LTE Band 13_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	7/8	23230	782	24.20	25.70	1.413			0.13	0.165	0.233
	LTE Band 13_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	7/8	23230	782	23.35	24.70	1.365			-0.12	0.135	0.184
	LTE Band 13_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	7/8	23230	782	24.20	25.70	1.413			-0.16	0.074	0.105
	LTE Band 13_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	7/8	23230	782	23.35	24.70	1.365			-0.05	0.060	0.082
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7/8	23230	782	23.71	24.20	1.119			-0.05	0.549	0.615
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	7/8	23230	782	23.65	24.20	1.135			0.05	0.522	0.592
126	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	7/8	23230	782	23.71	24.20	1.119			-0.11	0.734	0.822
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	7/8	23230	782	23.65	24.20	1.135			0.05	0.710	0.806



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	LTE Band 13_Ant 1	10M	QPSK	50	0	Right Tilted	0mm	7/8	23230	782	23.62	24.20	1.143			-0.17	0.712	0.814
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	7/8	23230	782	23.71	24.20	1.119			0.08	0.181	0.203
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	7/8	23230	782	23.65	24.20	1.135			0.14	0.165	0.187
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	7/8	23230	782	23.71	24.20	1.119			0.01	0.322	0.360
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	7/8	23230	782	23.65	24.20	1.135			-0.12	0.303	0.344
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	7/8	23330	793	24.33	25.70	1.371			0.1	0.073	0.100
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	7/8	23330	793	23.40	24.70	1.349			-0.18	0.058	0.078
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	7/8	23330	793	24.33	25.70	1.371			-0.03	0.034	0.047
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	7/8	23330	793	23.40	24.70	1.349			-0.13	0.027	0.036
	LTE Band 14_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	7/8	23330	793	24.33	25.70	1.371			0.11	0.172	0.236
	LTE Band 14_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	7/8	23330	793	23.40	24.70	1.349			0.04	0.138	0.186
	LTE Band 14_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	7/8	23330	793	24.33	25.70	1.371			0.14	0.061	0.084
	LTE Band 14_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	7/8	23330	793	23.40	24.70	1.349			-0.01	0.048	0.065
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7/8	23330	793	23.81	24.30	1.119			0	0.557	0.624
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	7/8	23330	793	23.72	24.30	1.143			0.16	0.521	0.595
127	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	7/8	23330	793	23.81	24.30	1.119			-0.06	0.727	0.814
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	7/8	23330	793	23.72	24.30	1.143			0.11	0.701	0.801
	LTE Band 14_Ant 1	10M	QPSK	50	0	Right Tilted	0mm	7/8	23330	793	23.67	24.30	1.156			0.07	0.692	0.800
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	7/8	23330	793	23.81	24.30	1.119			0.06	0.342	0.383
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	7/8	23330	793	23.72	24.30	1.143			-0.19	0.325	0.371
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	7/8	23330	793	23.81	24.30	1.119			0.1	0.347	0.388
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	7/8	23330	793	23.72	24.30	1.143			0.01	0.321	0.367
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	26340	1880	24.46	25.30	1.213			-0.19	0.044	0.053
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	7/8	26340	1880	23.44	24.30	1.219			0.03	0.034	0.041
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	7/8	26340	1880	24.46	25.30	1.213			-0.06	0.025	0.030
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	7/8	26340	1880	23.44	24.30	1.219			-0.03	0.019	0.023
	LTE Band 25_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	7/8	26340	1880	24.46	25.30	1.213			-0.01	0.064	0.078
	LTE Band 25_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	7/8	26340	1880	23.44	24.30	1.219			-0.17	0.050	0.061
	LTE Band 25_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	7/8	26340	1880	24.46	25.30	1.213			0.16	0.030	0.036
	LTE Band 25_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	7/8	26340	1880	23.44	24.30	1.219			-0.08	0.023	0.028
128	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	26590	1905	15.24	15.60	1.086			-0.11	0.761	0.827
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	26140	1860	15.19	15.60	1.099			0.15	0.691	0.759
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	26340	1880	15.20	15.60	1.096			0.11	0.752	0.825
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	26590	1905	15.22	15.60	1.091			0.09	0.721	0.787
	LTE Band 25_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	7/8	26590	1905	15.19	15.60	1.099			0	0.725	0.797
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	26590	1905	15.24	15.60	1.086			0.09	0.426	0.463
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	26590	1905	15.22	15.60	1.091			-0.01	0.412	0.450
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	26590	1905	15.24	15.60	1.086			0.14	0.233	0.253
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	26590	1905	15.22	15.60	1.091			0.15	0.215	0.235
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	26590	1905	15.24	15.60	1.086			0.06	0.177	0.192
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	26590	1905	15.22	15.60	1.091			-0.05	0.162	0.177
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	7/8	26340	1880	24.35	25.30	1.245			-0.09	0.233	0.290
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	7/8	26340	1880	23.30	24.30	1.259			0.04	0.183	0.230
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	7/8	26340	1880	24.35	25.30	1.245			0.06	0.266	0.331
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	7/8	26340	1880	23.30	24.30	1.259			-0.04	0.209	0.263
	LTE Band 25_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	7/8	26340	1880	24.35	25.30	1.245			-0.07	0.270	0.336
	LTE Band 25_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	7/8	26340	1880	23.30	24.30	1.259			-0.03	0.212	0.267
	LTE Band 25_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	7/8	26340	1880	24.35	25.30	1.245			-0.12	0.210	0.261
	LTE Band 25_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	7/8	26340	1880	23.30	24.30	1.259			-0.06	0.164	0.206
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	7/8	26140	1860	23.98	24.90	1.236			-0.1	0.216	0.267
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	7/8	26140	1860	22.96	24.00	1.271			-0.05	0.170	0.216
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	7/8	26140	1860	23.98	24.90	1.236			0.04	0.059	0.073
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	7/8	26140	1860	22.96	24.00	1.271			0.12	0.046	0.058
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	26140	1860	23.98	24.90	1.236			0.04	0.658	0.813
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	26340	1880	23.90	24.90	1.259			-0.03	0.534	0.672



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	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	26590	1905	23.78	24.90	1.294			0.17	0.506	0.655
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	7/8	26140	1860	22.96	24.00	1.271			0.15	0.520	0.661
	LTE Band 25_Ant 5	20M	QPSK	100	0	Left Cheek	0mm	7/8	26140	1860	22.90	24.00	1.288			0.16	0.506	0.652
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	7/8	26140	1860	23.98	24.90	1.236			-0.17	0.059	0.073
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	7/8	26140	1860	22.96	24.00	1.271			-0.19	0.046	0.058
	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Cheek	0mm	7/8	26865	831.5	24.39	25.70	1.352			0.1	0.088	0.119
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Cheek	0mm	7/8	26865	831.5	23.43	24.70	1.340			-0.05	0.070	0.094
	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Tilted	0mm	7/8	26865	831.5	24.39	25.70	1.352			-0.12	0.049	0.066
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Tilted	0mm	7/8	26865	831.5	23.43	24.70	1.340			0.19	0.039	0.052
	LTE Band 26_Ant 0	15M	QPSK	1	0	Left Cheek	0mm	7/8	26865	831.5	24.39	25.70	1.352			0.12	0.188	0.254
	LTE Band 26_Ant 0	15M	QPSK	36	0	Left Cheek	0mm	7/8	26865	831.5	23.43	24.70	1.340			0.04	0.150	0.201
	LTE Band 26_Ant 0	15M	QPSK	1	0	Left Tilted	0mm	7/8	26865	831.5	24.39	25.70	1.352			0.15	0.081	0.110
	LTE Band 26_Ant 0	15M	QPSK	36	0	Left Tilted	0mm	7/8	26865	831.5	23.43	24.70	1.340			-0.06	0.064	0.086
	LTE Band 5B_Ant 0	10M	QPSK	1	49	Left Cheek	0mm	7/8	20475+20574	831.5	23.74	24.50	1.191			0.04	0.155	0.185
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	7/8	26865	831.5	23.25	23.50	1.059			0.02	0.568	0.602
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Cheek	0mm	7/8	26865	831.5	22.84	23.50	1.164			-0.05	0.501	0.583
129	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Tilted	0mm	7/8	26865	831.5	23.25	23.50	1.059			-0.07	0.769	0.815
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Tilted	0mm	7/8	26865	831.5	22.84	23.50	1.164			-0.07	0.689	0.802
	LTE Band 26_Ant 1	15M	QPSK	75	0	Right Tilted	0mm	7/8	26865	831.5	22.81	23.50	1.172			0.16	0.654	0.767
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Cheek	0mm	7/8	26865	831.5	23.25	23.50	1.059			-0.19	0.291	0.308
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Cheek	0mm	7/8	26865	831.5	22.84	23.50	1.164			-0.09	0.226	0.263
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Tilted	0mm	7/8	26865	831.5	23.25	23.50	1.059			0.14	0.230	0.244
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Tilted	0mm	7/8	26865	831.5	22.84	23.50	1.164			0.09	0.196	0.228
	LTE Band 5B_Ant 1	10M	QPSK	1	49	Right Tilted	0mm	7/8	20475+20574	831.5	23.15	23.50	1.084			0.07	0.735	0.797
	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Cheek	0mm	7/8	27710	2310	22.49	23.50	1.262			-0.1	0.033	0.042
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Cheek	0mm	7/8	27710	2310	21.54	22.50	1.247			-0.06	0.026	0.032
	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Tilted	0mm	7/8	27710	2310	22.49	23.50	1.262			-0.04	0.012	0.015
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Tilted	0mm	7/8	27710	2310	21.54	22.50	1.247			0.12	0.009	0.011
	LTE Band 30_Ant 2	10M	QPSK	1	0	Left Cheek	0mm	7/8	27710	2310	22.49	23.50	1.262			-0.17	0.035	0.044
	LTE Band 30_Ant 2	10M	QPSK	25	0	Left Cheek	0mm	7/8	27710	2310	21.54	22.50	1.247			0.05	0.027	0.034
	LTE Band 30_Ant 2	10M	QPSK	1	0	Left Tilted	0mm	7/8	27710	2310	22.49	23.50	1.262			0.07	0.013	0.016
	LTE Band 30_Ant 2	10M	QPSK	25	0	Left Tilted	0mm	7/8	27710	2310	21.54	22.50	1.247			0.07	0.010	0.012
130	LTE Band 30_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.02	0.727	0.783
	LTE Band 30_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.09	0.711	0.765
	LTE Band 30_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.07	0.286	0.308
	LTE Band 30_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.05	0.282	0.304
	LTE Band 30_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	7/8	27710	2310	18.98	19.30	1.076			0.07	0.313	0.337
	LTE Band 30_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.19	0.304	0.327
	LTE Band 30_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	7/8	27710	2310	18.98	19.30	1.076			-0.07	0.186	0.200
	LTE Band 30_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	7/8	27710	2310	18.98	19.30	1.076			0.09	0.179	0.193
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	132572	1770	24.71	25.60	1.227			-0.17	0.075	0.092
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	7/8	132572	1770	23.72	24.60	1.225			-0.15	0.060	0.073
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	7/8	132572	1770	24.71	25.60	1.227			0.08	0.074	0.091
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	7/8	132572	1770	23.72	24.60	1.225			0	0.058	0.071
	LTE Band 66_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	7/8	132572	1770	24.71	25.60	1.227			0.01	0.088	0.108
	LTE Band 66_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	7/8	132572	1770	23.72	24.60	1.225			0.14	0.071	0.087
	LTE Band 66_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	7/8	132572	1770	24.71	25.60	1.227			0.14	0.065	0.080
	LTE Band 66_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	7/8	132572	1770	23.72	24.60	1.225			0.18	0.051	0.062
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Left Cheek	0mm	7/8	132047+132140	1717.5	22.88	24.00	1.294			0.03	0.052	0.067
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Left Cheek	0mm	7/8	132072+132270	1720	23.72	24.50	1.197			-0.09	0.050	0.060
131	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	132072	1720	17.57	17.70	1.030			-0.14	0.802	0.826
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	132322	1745	17.51	17.70	1.045			0.11	0.650	0.679
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	132572	1770	17.44	17.70	1.062			-0.01	0.620	0.658
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	132072	1720	17.53	17.70	1.040			-0.11	0.751	0.781
	LTE Band 66_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	7/8	132072	1720	17.52	17.70	1.042			0.12	0.746	0.778



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	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	132572	1770	17.44	17.70	1.062			-0.01	0.270	0.287
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	132072	1720	17.53	17.70	1.040			0.05	0.262	0.272
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	132572	1770	17.44	17.70	1.062			-0.19	0.253	0.269
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	132072	1720	17.53	17.70	1.040			-0.07	0.244	0.254
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	132572	1770	17.44	17.70	1.062			-0.09	0.127	0.135
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	132072	1720	17.53	17.70	1.040			0	0.121	0.126
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	7/8	132047+132140	1717.5	17.48	17.70	1.052			-0.01	0.750	0.789
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Right Cheek	0mm	7/8	132072+132270	1720	17.43	17.70	1.064			-0.11	0.738	0.785
	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	7/8	132072	1720	24.53	25.60	1.279			0	0.075	0.096
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	7/8	132072	1720	23.36	24.60	1.330			0.13	0.057	0.076
	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	7/8	132072	1720	24.53	25.60	1.279			0.19	0.089	0.114
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	7/8	132072	1720	23.36	24.60	1.330			0.13	0.067	0.089
	LTE Band 66_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	7/8	132072	1720	24.53	25.60	1.279			0.01	0.123	0.157
	LTE Band 66_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	7/8	132072	1720	23.36	24.60	1.330			0.17	0.093	0.124
	LTE Band 66_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	7/8	132072	1720	24.53	25.60	1.279			0.18	0.082	0.105
	LTE Band 66_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	7/8	132072	1720	23.36	24.60	1.330			-0.07	0.062	0.082
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	7/8	132072	1720	24.12	25.60	1.406			0.08	0.149	0.210
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	7/8	132072	1720	23.06	24.60	1.426			-0.01	0.116	0.165
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	7/8	132072	1720	24.12	25.60	1.406			-0.12	0.035	0.049
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	7/8	132072	1720	23.06	24.60	1.426			-0.13	0.027	0.038
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	132072	1720	24.12	25.60	1.406			-0.13	0.396	0.557
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	7/8	132072	1720	23.06	24.60	1.426			-0.17	0.310	0.442
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	7/8	132072	1720	24.12	25.60	1.406			-0.15	0.031	0.044
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	7/8	132072	1720	23.06	24.60	1.426			0.14	0.024	0.034
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	7/8	133297	680.5	24.15	25.70	1.429			0.05	0.067	0.096
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	7/8	133297	680.5	23.11	24.70	1.442			-0.07	0.052	0.075
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	7/8	133297	680.5	24.15	25.70	1.429			0.16	0.033	0.047
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	7/8	133297	680.5	23.11	24.70	1.442			-0.09	0.025	0.036
	LTE Band 71_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	7/8	133297	680.5	24.15	25.70	1.429			0.18	0.128	0.183
	LTE Band 71_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	7/8	133297	680.5	23.11	24.70	1.442			-0.17	0.100	0.144
	LTE Band 71_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	7/8	133297	680.5	24.15	25.70	1.429			-0.01	0.062	0.089
	LTE Band 71_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	7/8	133297	680.5	23.11	24.70	1.442			-0.05	0.048	0.069
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	133297	680.5	22.75	23.30	1.135			0.01	0.399	0.453
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	133297	680.5	22.75	23.30	1.135			-0.06	0.388	0.440
132	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	133297	680.5	22.75	23.30	1.135			-0.11	0.721	0.818
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	133297	680.5	22.75	23.30	1.135			-0.08	0.701	0.796
	LTE Band 71_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	7/8	133297	680.5	22.74	23.30	1.138			-0.02	0.697	0.793
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	133297	680.5	22.75	23.30	1.135			-0.15	0.271	0.308
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	133297	680.5	22.75	23.30	1.135			0.18	0.264	0.300
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	133297	680.5	22.75	23.30	1.135			0.08	0.328	0.372
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	133297	680.5	22.75	23.30	1.135			-0.07	0.310	0.352
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620	2593	24.28	25.10	1.208	62.9	1.006	-0.03	0.029	0.035
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	7/8	40620	2593	23.28	24.10	1.208	62.9	1.006	-0.04	0.022	0.027
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	7/8	40620	2593	24.28	25.10	1.208	62.9	1.006	0.09	0.018	0.022
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	7/8	40620	2593	23.28	24.10	1.208	62.9	1.006	0.03	0.014	0.017
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	7/8	40620	2593	24.28	25.10	1.208	62.9	1.006	0.01	0.026	0.032
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	7/8	40620	2593	23.28	24.10	1.208	62.9	1.006	0.11	0.020	0.024
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	7/8	40620	2593	24.28	25.10	1.208	62.9	1.006	0.18	0.025	0.030
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	7/8	40620	2593	23.28	24.10	1.208	62.9	1.006	-0.01	0.020	0.024
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	37850+38048	2580	22.15	23.00	1.216	62.9	1.006	0.13	0.015	0.018
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	41055+40857	2636.5	22.06	23.00	1.242	62.9	1.006	0.08	0.016	0.020
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620	2593	26.14	27.00	1.219	42.9	1.009	0.18	0.028	0.034
	LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620	2593	20.08	20.40	1.076	62.9	1.006	-0.06	0.709	0.768
	LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	39750	2506	20.05	20.40	1.084	62.9	1.006	-0.01	0.619	0.675
133	LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40185	2549.5	20.06	20.40	1.081	62.9	1.006	0.01	0.759	0.826



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LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41055	2636.5	19.82	20.40	1.143	62.9	1.006	0.14	0.583	0.670
LTE Band 41_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41490	2680	19.74	20.40	1.164	62.9	1.006	0.15	0.547	0.641
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	40620	2593	20.06	20.40	1.081	62.9	1.006	0.15	0.681	0.741
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	39750	2506	20.01	20.40	1.094	42.9	1.009	0.02	0.597	0.659
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	40185	2549.5	20.03	20.40	1.089	42.9	1.009	-0.01	0.733	0.805
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	41055	2636.5	19.83	20.40	1.140	42.9	1.009	-0.12	0.554	0.637
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	41490	2680	19.72	20.40	1.169	42.9	1.009	-0.12	0.518	0.611
LTE Band 41_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	7/8	40620	2593	20.02	20.40	1.091	42.9	1.009	-0.11	0.639	0.704
LTE Band 41_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	40620	2593	20.08	20.40	1.076	62.9	1.006	0.15	0.354	0.383
LTE Band 41_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	40620	2593	20.06	20.40	1.081	62.9	1.006	0.16	0.341	0.371
LTE Band 41_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	40620	2593	20.08	20.40	1.076	62.9	1.006	-0.1	0.274	0.297
LTE Band 41_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	40620	2593	20.06	20.40	1.081	62.9	1.006	-0.06	0.258	0.281
LTE Band 41_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	40620	2593	20.08	20.40	1.076	62.9	1.006	-0.17	0.210	0.227
LTE Band 41_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	40620	2593	20.06	20.40	1.081	62.9	1.006	0.14	0.201	0.219
LTE Band 38C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	37850+38048	2580	19.97	20.30	1.079	62.9	1.006	-0.01	0.662	0.719
LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620+40422	2593	19.87	20.40	1.130	62.9	1.006	-0.12	0.658	0.748
LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	39750+39948	2506	19.84	20.40	1.138	62.9	1.006	-0.17	0.589	0.674
LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40185+39987	2549.5	19.83	20.40	1.140	62.9	1.006	-0.1	0.678	0.778
LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41055+40857	2636.5	19.63	20.40	1.194	62.9	1.006	0.07	0.551	0.662
LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41490+41292	2680	19.70	20.40	1.175	62.9	1.006	-0.11	0.532	0.629
LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40185	2549.5	21.59	22.00	1.099	42.9	1.009	-0.02	0.687	0.762
LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	39750	2506	21.54	22.00	1.112	42.9	1.009	-0.05	0.576	0.646
LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620	2593	21.46	22.00	1.132	42.9	1.009	0.09	0.649	0.742
LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41055	2636.5	21.35	22.00	1.161	42.9	1.009	-0.06	0.531	0.622
LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	41490	2680	21.19	22.00	1.205	42.9	1.009	-0.17	0.509	0.619
LTE Band 41_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	7/8	40185	2549.5	24.32	25.10	1.197	62.9	1.006	-0.06	0.112	0.135
LTE Band 41_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	7/8	40185	2549.5	23.35	24.10	1.189	62.9	1.006	-0.17	0.090	0.108
LTE Band 41_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	7/8	40185	2549.5	24.32	25.10	1.197	62.9	1.006	0.14	0.082	0.099
LTE Band 41_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	7/8	40185	2549.5	23.35	24.10	1.189	62.9	1.006	-0.12	0.065	0.078
LTE Band 41_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	7/8	40185	2549.5	24.32	25.10	1.197	62.9	1.006	0.06	0.088	0.106
LTE Band 41_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	7/8	40185	2549.5	23.35	24.10	1.189	62.9	1.006	0.09	0.070	0.084
LTE Band 41_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	7/8	40185	2549.5	24.32	25.10	1.197	62.9	1.006	0.01	0.082	0.099
LTE Band 41_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	7/8	40185	2549.5	23.35	24.10	1.189	62.9	1.006	0.14	0.065	0.078
LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	7/8	40185	2549.5	26.34	27.00	1.164	42.9	1.009	0.05	0.119	0.140
LTE Band 41_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	7/8	40620	2593	24.02	25.10	1.282	62.9	1.006	-0.06	0.175	0.226
LTE Band 41_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	7/8	40620	2593	22.95	24.10	1.303	62.9	1.006	0.08	0.137	0.180
LTE Band 41_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	7/8	40620	2593	24.02	25.10	1.282	62.9	1.006	-0.09	0.022	0.028
LTE Band 41_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	7/8	40620	2593	22.95	24.10	1.303	62.9	1.006	-0.16	0.017	0.022
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	40620	2593	24.02	25.10	1.282	62.9	1.006	-0.15	0.481	0.621
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	39750	2506	23.93	25.10	1.309	62.9	1.006	0	0.543	0.715
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	40185	2549.5	23.73	25.10	1.371	62.9	1.006	-0.08	0.475	0.655
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	41055	2636.5	23.83	25.10	1.340	62.9	1.006	-0.09	0.267	0.360
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	41490	2680	23.78	25.10	1.355	62.9	1.006	0.11	0.253	0.345
LTE Band 41_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	7/8	40620	2593	22.95	24.10	1.303	62.9	1.006	-0.17	0.378	0.496
LTE Band 41_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	7/8	40620	2593	24.02	25.10	1.282	62.9	1.006	0.05	0.056	0.072
LTE Band 41_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	7/8	40620	2593	22.95	24.10	1.303	62.9	1.006	0.01	0.043	0.056
LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	40620	2593	26.08	27.00	1.236	42.9	1.009	0.12	0.487	0.607
LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	39750	2506	25.87	27.00	1.297	42.9	1.009	-0.12	0.525	0.687
LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	40185	2549.5	25.73	27.00	1.340	42.9	1.009	-0.01	0.451	0.610
LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	41055	2636.5	25.82	27.00	1.312	42.9	1.009	-0.13	0.253	0.335
LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	7/8	41490	2680	25.86	27.00	1.300	42.9	1.009	-0.14	0.240	0.315
LTE Band 48_Ant 6	20M	QPSK	1	0	Right Cheek	0mm	7/8	55830	3609	23.96	25.30	1.361	62.9	1.006	0.05	0.069	0.095
LTE Band 48_Ant 6	20M	QPSK	50	0	Right Cheek	0mm	7/8	55830	3609	21.87	23.30	1.390	62.9	1.006	0.05	0.043	0.060
LTE Band 48_Ant 6	20M	QPSK	1	0	Right Tilted	0mm	7/8	55830	3609	23.96	25.30	1.361	62.9	1.006	-0.03	0.065	0.089
LTE Band 48_Ant 6	20M	QPSK	50	0	Right Tilted	0mm	7/8	55830	3609	21.87	23.30	1.390	62.9	1.006	0.13	0.040	0.056
LTE Band 48_Ant 6	20M	QPSK	1	0	Left Cheek	0mm	7/8	55830	3609	23.96	25.30	1.361	62.9	1.006	0.02	0.169	0.231



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	LTE Band 48_Ant 6	20M	QPSK	50	0	Left Cheek	0mm	7/8	55830	3609	21.87	23.30	1.390	62.9	1.006	0.09	0.105	0.147
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Tilted	0mm	7/8	55830	3609	23.96	25.30	1.361	62.9	1.006	-0.05	0.052	0.071
	LTE Band 48_Ant 6	20M	QPSK	50	0	Left Tilted	0mm	7/8	55830	3609	21.87	23.30	1.390	62.9	1.006	0.03	0.032	0.045
	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	7/8	55340	3560	17.49	17.50	1.002	62.9	1.006	0.07	0.475	0.479
	LTE Band 48_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	7/8	55340	3560	17.48	17.50	1.005	62.9	1.006	-0.09	0.464	0.469
	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	55340	3560	17.49	17.50	1.002	62.9	1.006	-0.01	0.615	0.620
	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	55830	3609	17.42	17.50	1.019	62.9	1.006	0.06	0.487	0.499
	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	56150	3641	17.48	17.50	1.005	62.9	1.006	0.01	0.547	0.553
134	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	7/8	56640	3690	17.37	17.50	1.030	62.9	1.006	-0.08	0.788	0.817
	LTE Band 48_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	7/8	55340	3560	17.48	17.50	1.005	62.9	1.006	-0.09	0.578	0.584
	LTE Band 48_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	7/8	55340	3560	17.47	17.50	1.007	62.9	1.006	-0.03	0.563	0.570
	LTE Band 48_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	7/8	55340	3560	17.49	17.50	1.002	62.9	1.006	-0.18	0.102	0.103
	LTE Band 48_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	7/8	55340	3560	17.48	17.50	1.005	62.9	1.006	-0.07	0.094	0.095
	LTE Band 48_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	7/8	55340	3560	17.49	17.50	1.002	62.9	1.006	-0.14	0.172	0.173
	LTE Band 48_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	7/8	55340	3560	17.48	17.50	1.005	62.9	1.006	0.06	0.166	0.168



<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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_Ant 2	50M	BPSK	1	1	Right Cheek	0mm	7/8	507000	2535	23.93	25.10	1.309	0.12	0.043	0.056
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Cheek	0mm	7/8	507000	2535	23.87	25.10	1.327	0.15	0.038	0.050
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Tilted	0mm	7/8	507000	2535	23.93	25.10	1.309	0.12	0.041	0.054
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Tilted	0mm	7/8	507000	2535	23.87	25.10	1.327	-0.03	0.037	0.049
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Cheek	0mm	7/8	507000	2535	23.93	25.10	1.309	0.04	0.056	0.073
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Cheek	0mm	7/8	507000	2535	23.87	25.10	1.327	-0.15	0.053	0.070
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Tilted	0mm	7/8	507000	2535	23.93	25.10	1.309	-0.01	0.045	0.059
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Tilted	0mm	7/8	507000	2535	23.87	25.10	1.327	0.03	0.042	0.056
135	FR1 n7_Ant 1	50M	BPSK	1	1	Right Cheek	0mm	7/8	507000	2535	18.37	18.90	1.130	-0.01	0.725	0.819
	FR1 n7_Ant 1	50M	BPSK	135	68	Right Cheek	0mm	7/8	507000	2535	18.35	18.90	1.135	0.03	0.711	0.807
	FR1 n7_Ant 1	50M	BPSK	270	0	Right Cheek	0mm	7/8	507000	2535	18.30	18.90	1.148	-0.07	0.700	0.804
	FR1 n7_Ant 1	50M	BPSK	1	1	Right Tilted	0mm	7/8	507000	2535	18.37	18.90	1.130	-0.07	0.290	0.328
	FR1 n7_Ant 1	50M	BPSK	135	68	Right Tilted	0mm	7/8	507000	2535	18.35	18.90	1.135	-0.06	0.282	0.320
	FR1 n7_Ant 1	50M	BPSK	1	1	Left Cheek	0mm	7/8	507000	2535	18.37	18.90	1.130	0.07	0.374	0.423
	FR1 n7_Ant 1	50M	BPSK	135	68	Left Cheek	0mm	7/8	507000	2535	18.35	18.90	1.135	-0.14	0.367	0.417
	FR1 n7_Ant 1	50M	BPSK	1	1	Left Tilted	0mm	7/8	507000	2535	18.37	18.90	1.130	0.07	0.315	0.356
	FR1 n7_Ant 1	50M	BPSK	135	68	Left Tilted	0mm	7/8	507000	2535	18.35	18.90	1.135	0.12	0.301	0.342
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Cheek	0mm	7/8	141500	707.5	24.24	25.70	1.400	0.05	0.063	0.088
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Cheek	0mm	7/8	141500	707.5	24.17	25.70	1.422	0.03	0.055	0.078
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Tilted	0mm	7/8	141500	707.5	24.24	25.70	1.400	0.12	0.031	0.043
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Tilted	0mm	7/8	141500	707.5	24.17	25.70	1.422	0.08	0.026	0.037
	FR1 n12_Ant 0	15M	BPSK	1	1	Left Cheek	0mm	7/8	141500	707.5	24.24	25.70	1.400	0.01	0.143	0.200
	FR1 n12_Ant 0	15M	BPSK	36	22	Left Cheek	0mm	7/8	141500	707.5	24.17	25.70	1.422	-0.05	0.135	0.192
	FR1 n12_Ant 0	15M	BPSK	1	1	Left Tilted	0mm	7/8	141500	707.5	24.24	25.70	1.400	-0.01	0.073	0.102
	FR1 n12_Ant 0	15M	BPSK	36	22	Left Tilted	0mm	7/8	141500	707.5	24.17	25.70	1.422	-0.17	0.068	0.097
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Cheek	0mm	7/8	141500	707.5	22.13	22.70	1.140	-0.05	0.385	0.439
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Cheek	0mm	7/8	141500	707.5	22.06	22.70	1.159	0.19	0.366	0.424
136	FR1 n12_Ant 1	15M	BPSK	1	1	Right Tilted	0mm	7/8	141500	707.5	22.13	22.70	1.140	0.03	0.713	0.813
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Tilted	0mm	7/8	141500	707.5	22.06	22.70	1.159	0.02	0.698	0.809
	FR1 n12_Ant 1	15M	BPSK	75	0	Right Tilted	0mm	7/8	141500	707.5	21.98	22.70	1.180	-0.06	0.669	0.790
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Cheek	0mm	7/8	141500	707.5	22.13	22.70	1.140	0.08	0.247	0.282
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Cheek	0mm	7/8	141500	707.5	22.06	22.70	1.159	-0.09	0.231	0.268
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Tilted	0mm	7/8	141500	707.5	22.13	22.70	1.140	-0.15	0.314	0.358
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Tilted	0mm	7/8	141500	707.5	22.06	22.70	1.159	-0.01	0.299	0.346
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Cheek	0mm	7/8	158600	793	24.29	25.70	1.384	0.11	0.072	0.100
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Cheek	0mm	7/8	158600	793	24.25	25.70	1.396	0.06	0.067	0.094
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Tilted	0mm	7/8	158600	793	24.29	25.70	1.384	0.13	0.049	0.068
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Tilted	0mm	7/8	158600	793	24.25	25.70	1.396	0.09	0.043	0.060
	FR1 n14_Ant 0	10M	BPSK	1	1	Left Cheek	0mm	7/8	158600	793	24.29	25.70	1.384	-0.04	0.164	0.227
	FR1 n14_Ant 0	10M	BPSK	25	14	Left Cheek	0mm	7/8	158600	793	24.25	25.70	1.396	0.07	0.142	0.198
	FR1 n14_Ant 0	10M	BPSK	1	1	Left Tilted	0mm	7/8	158600	793	24.29	25.70	1.384	0.14	0.084	0.116
	FR1 n14_Ant 0	10M	BPSK	25	14	Left Tilted	0mm	7/8	158600	793	24.25	25.70	1.396	0.05	0.077	0.108
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Cheek	0mm	7/8	158600	793	22.98	24.10	1.294	0.02	0.469	0.607
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Cheek	0mm	7/8	158600	793	22.89	24.10	1.321	0.06	0.454	0.600
137	FR1 n14_Ant 1	10M	BPSK	1	1	Right Tilted	0mm	7/8	158600	793	22.98	24.10	1.294	0	0.625	0.809
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Tilted	0mm	7/8	158600	793	22.89	24.10	1.321	0.17	0.606	0.801
	FR1 n14_Ant 1	10M	BPSK	50	0	Right Tilted	0mm	7/8	158600	793	22.90	24.10	1.318	0.05	0.597	0.787
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Cheek	0mm	7/8	158600	793	22.98	24.10	1.294	-0.18	0.234	0.303
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Cheek	0mm	7/8	158600	793	22.89	24.10	1.321	-0.12	0.212	0.280
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Tilted	0mm	7/8	158600	793	22.98	24.10	1.294	0.14	0.202	0.261



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	FR1 n14_Ant 1	10M	BPSK	25	14	Left Tilted	0mm	7/8	158600	793	22.89	24.10	1.321	0.14	0.187	0.247
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Cheek	0mm	7/8	376500	1882.5	24.20	25.30	1.288	-0.08	0.056	0.072
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Cheek	0mm	7/8	376500	1882.5	24.02	25.30	1.343	-0.12	0.051	0.068
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Tilted	0mm	7/8	376500	1882.5	24.20	25.30	1.288	-0.07	0.054	0.070
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Tilted	0mm	7/8	376500	1882.5	24.02	25.30	1.343	0.13	0.049	0.066
	FR1 n25_Ant 2	40M	BPSK	1	1	Left Cheek	0mm	7/8	376500	1882.5	24.20	25.30	1.288	-0.09	0.073	0.094
	FR1 n25_Ant 2	40M	BPSK	108	54	Left Cheek	0mm	7/8	376500	1882.5	24.02	25.30	1.343	0.03	0.067	0.090
	FR1 n25_Ant 2	40M	BPSK	1	1	Left Tilted	0mm	7/8	376500	1882.5	24.20	25.30	1.288	-0.19	0.049	0.063
	FR1 n25_Ant 2	40M	BPSK	108	54	Left Tilted	0mm	7/8	376500	1882.5	24.02	25.30	1.343	-0.15	0.044	0.059
138	FR1 n25_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	7/8	376500	1882.5	16.13	16.50	1.089	0.12	0.761	0.829
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	7/8	376500	1882.5	16.06	16.50	1.107	0.08	0.734	0.812
	FR1 n25_Ant 1	40M	BPSK	216	0	Right Cheek	0mm	7/8	376500	1882.5	16.07	16.50	1.104	0.11	0.736	0.813
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	7/8	376500	1882.5	16.13	16.50	1.089	0.06	0.356	0.388
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	7/8	376500	1882.5	16.06	16.50	1.107	-0.14	0.318	0.352
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	7/8	376500	1882.5	16.13	16.50	1.089	0.14	0.025	0.027
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	7/8	376500	1882.5	16.06	16.50	1.107	0.08	0.016	0.018
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	7/8	376500	1882.5	16.13	16.50	1.089	0.06	0.144	0.157
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	7/8	376500	1882.5	16.06	16.50	1.107	0.01	0.121	0.134
	FR1 n25_Ant 0	40M	BPSK	1	1	Right Cheek	0mm	7/8	376500	1882.5	23.90	25.30	1.380	0.04	0.162	0.224
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Cheek	0mm	7/8	376500	1882.5	23.88	25.30	1.387	0.05	0.151	0.209
	FR1 n25_Ant 0	40M	BPSK	1	1	Right Tilted	0mm	7/8	376500	1882.5	23.90	25.30	1.380	-0.09	0.144	0.199
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Tilted	0mm	7/8	376500	1882.5	23.88	25.30	1.387	0.15	0.132	0.183
	FR1 n25_Ant 0	40M	BPSK	1	1	Left Cheek	0mm	7/8	376500	1882.5	23.90	25.30	1.380	-0.05	0.238	0.329
	FR1 n25_Ant 0	40M	BPSK	108	54	Left Cheek	0mm	7/8	376500	1882.5	23.88	25.30	1.387	-0.14	0.224	0.311
	FR1 n25_Ant 0	40M	BPSK	1	1	Left Tilted	0mm	7/8	376500	1882.5	23.90	25.30	1.380	-0.12	0.156	0.215
	FR1 n25_Ant 0	40M	BPSK	108	54	Left Tilted	0mm	7/8	376500	1882.5	23.88	25.30	1.387	-0.09	0.142	0.197
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	7/8	376500	1882.5	23.54	24.80	1.337	0.1	0.249	0.333
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	7/8	376500	1882.5	23.51	24.80	1.345	-0.16	0.231	0.311
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	7/8	376500	1882.5	23.54	24.80	1.337	-0.17	0.047	0.063
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	7/8	376500	1882.5	23.51	24.80	1.345	0.01	0.042	0.056
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	7/8	376500	1882.5	23.54	24.80	1.337	-0.06	0.607	0.811
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	7/8	376500	1882.5	23.51	24.80	1.345	0.08	0.589	0.792
	FR1 n25_Ant 5	40M	BPSK	216	0	Left Cheek	0mm	7/8	376500	1882.5	22.90	24.50	1.445	0.08	0.510	0.737
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	7/8	376500	1882.5	23.54	24.80	1.337	0.16	0.043	0.057
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	7/8	376500	1882.5	23.51	24.80	1.345	-0.01	0.041	0.055
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Cheek	0mm	7/8	166300	831.5	24.43	25.70	1.340	0.14	0.058	0.078
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Cheek	0mm	7/8	166300	831.5	24.33	25.70	1.371	-0.1	0.052	0.071
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Tilted	0mm	7/8	166300	831.5	24.43	25.70	1.340	-0.04	0.034	0.046
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Tilted	0mm	7/8	166300	831.5	24.33	25.70	1.371	-0.04	0.028	0.038
	FR1 n26_Ant 0	20M	BPSK	1	1	Left Cheek	0mm	7/8	166300	831.5	24.43	25.70	1.340	-0.05	0.129	0.173
	FR1 n26_Ant 0	20M	BPSK	50	28	Left Cheek	0mm	7/8	166300	831.5	24.33	25.70	1.371	0.18	0.111	0.152
	FR1 n26_Ant 0	20M	BPSK	1	1	Left Tilted	0mm	7/8	166300	831.5	24.43	25.70	1.340	0.09	0.056	0.075
	FR1 n26_Ant 0	20M	BPSK	50	28	Left Tilted	0mm	7/8	166300	831.5	24.33	25.70	1.371	-0.19	0.051	0.070
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	7/8	166300	831.5	22.94	23.10	1.038	0.03	0.519	0.538
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	7/8	166300	831.5	22.81	23.10	1.069	0.02	0.501	0.536
139	FR1 n26_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	7/8	166300	831.5	22.94	23.10	1.038	-0.02	0.794	0.824
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	7/8	166300	831.5	22.81	23.10	1.069	-0.1	0.757	0.809
	FR1 n26_Ant 1	20M	BPSK	100	0	Right Tilted	0mm	7/8	166300	831.5	22.94	23.10	1.038	-0.01	0.741	0.769
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	7/8	166300	831.5	22.94	23.10	1.038	0.1	0.407	0.422
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	7/8	166300	831.5	22.81	23.10	1.069	-0.07	0.386	0.413
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	7/8	166300	831.5	22.94	23.10	1.038	-0.14	0.374	0.388
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	7/8	166300	831.5	22.81	23.10	1.069	-0.17	0.357	0.382
	FR1 n30_Ant 2	10M	BPSK	1	1	Right Cheek	0mm	7/8	462000	2310	22.26	23.50	1.330	0.08	0.019	0.025
	FR1 n30_Ant 2	10M	BPSK	25	14	Right Cheek	0mm	7/8	462000	2310	22.18	23.50	1.355	-0.02	0.015	0.020
	FR1 n30_Ant 2	10M	BPSK	1	1	Right Tilted	0mm	7/8	462000	2310	22.26	23.50	1.330	0.01	0.009	0.012



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	FR1 n30_Ant 2	10M	BPSK	25	14	Right Tilted	0mm	7/8	462000	2310	22.18	23.50	1.355	0.1	0.007	0.009
	FR1 n30_Ant 2	10M	BPSK	1	1	Left Cheek	0mm	7/8	462000	2310	22.26	23.50	1.330	0.08	0.021	0.028
	FR1 n30_Ant 2	10M	BPSK	25	14	Left Cheek	0mm	7/8	462000	2310	22.18	23.50	1.355	-0.06	0.016	0.022
	FR1 n30_Ant 2	10M	BPSK	1	1	Left Tilted	0mm	7/8	462000	2310	22.26	23.50	1.330	-0.18	0.008	0.011
	FR1 n30_Ant 2	10M	BPSK	25	14	Left Tilted	0mm	7/8	462000	2310	22.18	23.50	1.355	-0.07	0.006	0.008
140	FR1 n30_Ant 1	10M	BPSK	1	1	Right Cheek	0mm	7/8	462000	2310	19.09	19.30	1.050	-0.06	0.782	0.821
	FR1 n30_Ant 1	10M	BPSK	25	14	Right Cheek	0mm	7/8	462000	2310	18.97	19.30	1.079	-0.14	0.740	0.798
	FR1 n30_Ant 1	10M	BPSK	50	0	Right Cheek	0mm	7/8	462000	2310	19.04	19.30	1.062	-0.12	0.736	0.781
	FR1 n30_Ant 1	10M	BPSK	1	1	Right Tilted	0mm	7/8	462000	2310	19.09	19.30	1.050	-0.1	0.301	0.316
	FR1 n30_Ant 1	10M	BPSK	25	14	Right Tilted	0mm	7/8	462000	2310	18.97	19.30	1.079	0	0.287	0.310
	FR1 n30_Ant 1	10M	BPSK	1	1	Left Cheek	0mm	7/8	462000	2310	19.09	19.30	1.050	0.13	0.401	0.421
	FR1 n30_Ant 1	10M	BPSK	25	14	Left Cheek	0mm	7/8	462000	2310	18.97	19.30	1.079	-0.12	0.383	0.413
	FR1 n30_Ant 1	10M	BPSK	1	1	Left Tilted	0mm	7/8	462000	2310	19.09	19.30	1.050	0.04	0.233	0.245
	FR1 n30_Ant 1	10M	BPSK	25	14	Left Tilted	0mm	7/8	462000	2310	18.97	19.30	1.079	-0.17	0.224	0.242
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Cheek	0mm	7/8	349000	1745	24.51	25.60	1.285	0.09	0.070	0.090
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Cheek	0mm	7/8	349000	1745	24.40	25.60	1.318	-0.16	0.064	0.084
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Tilted	0mm	7/8	349000	1745	24.51	25.60	1.285	-0.11	0.061	0.078
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Tilted	0mm	7/8	349000	1745	24.40	25.60	1.318	-0.16	0.056	0.074
	FR1 n66_Ant 2	40M	BPSK	1	1	Left Cheek	0mm	7/8	349000	1745	24.51	25.60	1.285	0.08	0.136	0.175
	FR1 n66_Ant 2	40M	BPSK	108	54	Left Cheek	0mm	7/8	349000	1745	24.40	25.60	1.318	-0.04	0.124	0.163
	FR1 n66_Ant 2	40M	BPSK	1	1	Left Tilted	0mm	7/8	349000	1745	24.51	25.60	1.285	-0.15	0.086	0.111
	FR1 n66_Ant 2	40M	BPSK	108	54	Left Tilted	0mm	7/8	349000	1745	24.40	25.60	1.318	-0.03	0.078	0.103
141	FR1 n66_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	7/8	349000	1745	16.89	17.10	1.050	0.01	0.789	0.828
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	7/8	349000	1745	16.78	17.10	1.076	0.17	0.744	0.801
	FR1 n66_Ant 1	40M	BPSK	216	0	Right Cheek	0mm	7/8	349000	1745	16.81	17.10	1.069	0.05	0.721	0.771
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	7/8	349000	1745	16.89	17.10	1.050	0.16	0.347	0.364
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	7/8	349000	1745	16.78	17.10	1.076	-0.1	0.325	0.350
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	7/8	349000	1745	16.89	17.10	1.050	0.05	0.359	0.377
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	7/8	349000	1745	16.78	17.10	1.076	0.12	0.331	0.356
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	7/8	349000	1745	16.89	17.10	1.050	0.07	0.146	0.153
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	7/8	349000	1745	16.78	17.10	1.076	0	0.135	0.145
	FR1 n66_Ant 0	40M	BPSK	1	1	Right Cheek	0mm	7/8	349000	1745	24.29	25.60	1.352	0.08	0.196	0.265
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Cheek	0mm	7/8	349000	1745	24.17	25.60	1.390	-0.03	0.178	0.247
	FR1 n66_Ant 0	40M	BPSK	1	1	Right Tilted	0mm	7/8	349000	1745	24.29	25.60	1.352	-0.05	0.208	0.281
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Tilted	0mm	7/8	349000	1745	24.17	25.60	1.390	-0.18	0.184	0.256
	FR1 n66_Ant 0	40M	BPSK	1	1	Left Cheek	0mm	7/8	349000	1745	24.29	25.60	1.352	0.03	0.346	0.468
	FR1 n66_Ant 0	40M	BPSK	108	54	Left Cheek	0mm	7/8	349000	1745	24.17	25.60	1.390	0.14	0.321	0.446
	FR1 n66_Ant 0	40M	BPSK	1	1	Left Tilted	0mm	7/8	349000	1745	24.29	25.60	1.352	-0.12	0.199	0.269
	FR1 n66_Ant 0	40M	BPSK	108	54	Left Tilted	0mm	7/8	349000	1745	24.17	25.60	1.390	0.06	0.182	0.253
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	7/8	349000	1745	24.31	25.60	1.346	-0.11	0.247	0.332
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	7/8	349000	1745	24.16	25.60	1.393	0.13	0.224	0.312
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	7/8	349000	1745	24.31	25.60	1.346	-0.16	0.028	0.038
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	7/8	349000	1745	24.16	25.60	1.393	-0.15	0.023	0.032
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	7/8	349000	1745	24.31	25.60	1.346	-0.18	0.569	0.766
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	7/8	349000	1745	24.16	25.60	1.393	0.15	0.543	0.756
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	7/8	349000	1745	24.31	25.60	1.346	-0.07	0.026	0.035
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	7/8	349000	1745	24.16	25.60	1.393	0.11	0.020	0.028
	FR1 n70_Ant 2	15M	BPSK	1	1	Right Cheek	0mm	7/8	340500	1702.5	24.45	25.60	1.303	0.11	0.103	0.134
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Cheek	0mm	7/8	340500	1702.5	24.39	25.60	1.321	0.04	0.094	0.124
	FR1 n70_Ant 2	15M	BPSK	1	1	Right Tilted	0mm	7/8	340500	1702.5	24.45	25.60	1.303	-0.02	0.097	0.126
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Tilted	0mm	7/8	340500	1702.5	24.39	25.60	1.321	-0.03	0.091	0.120
	FR1 n70_Ant 2	15M	BPSK	1	1	Left Cheek	0mm	7/8	340500	1702.5	24.45	25.60	1.303	0.12	0.201	0.262
	FR1 n70_Ant 2	15M	BPSK	36	22	Left Cheek	0mm	7/8	340500	1702.5	24.39	25.60	1.321	0.08	0.189	0.250
	FR1 n70_Ant 2	15M	BPSK	1	1	Left Tilted	0mm	7/8	340500	1702.5	24.45	25.60	1.303	-0.13	0.126	0.164
	FR1 n70_Ant 2	15M	BPSK	36	22	Left Tilted	0mm	7/8	340500	1702.5	24.39	25.60	1.321	-0.07	0.121	0.160



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142	FR1 n70_Ant 1	15M	BPSK	1	1	Right Cheek	0mm	7/8	340500	1702.5	17.53	17.80	1.064	-0.01	0.768	0.817
	FR1 n70_Ant 1	15M	BPSK	36	22	Right Cheek	0mm	7/8	340500	1702.5	17.38	17.80	1.102	-0.1	0.734	0.809
	FR1 n70_Ant 1	15M	BPSK	75	0	Right Cheek	0mm	7/8	340500	1702.5	17.40	17.80	1.096	0.05	0.711	0.780
	FR1 n70_Ant 1	15M	BPSK	1	1	Right Tilted	0mm	7/8	340500	1702.5	17.53	17.80	1.064	0.09	0.428	0.455
	FR1 n70_Ant 1	15M	BPSK	36	22	Right Tilted	0mm	7/8	340500	1702.5	17.38	17.80	1.102	-0.16	0.401	0.442
	FR1 n70_Ant 1	15M	BPSK	1	1	Left Cheek	0mm	7/8	340500	1702.5	17.53	17.80	1.064	-0.06	0.389	0.414
	FR1 n70_Ant 1	15M	BPSK	36	22	Left Cheek	0mm	7/8	340500	1702.5	17.38	17.80	1.102	-0.02	0.360	0.397
	FR1 n70_Ant 1	15M	BPSK	1	1	Left Tilted	0mm	7/8	340500	1702.5	17.53	17.80	1.064	-0.17	0.169	0.180
	FR1 n70_Ant 1	15M	BPSK	36	22	Left Tilted	0mm	7/8	340500	1702.5	17.38	17.80	1.102	0.02	0.143	0.158
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Cheek	0mm	7/8	136100	680.5	24.12	25.70	1.439	-0.08	0.061	0.088
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Cheek	0mm	7/8	136100	680.5	23.95	25.70	1.496	0.01	0.051	0.076
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Tilted	0mm	7/8	136100	680.5	24.12	25.70	1.439	-0.15	0.023	0.033
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Tilted	0mm	7/8	136100	680.5	23.95	25.70	1.496	-0.17	0.016	0.024
	FR1 n71_Ant 0	20M	BPSK	1	1	Left Cheek	0mm	7/8	136100	680.5	24.12	25.70	1.439	-0.17	0.138	0.199
	FR1 n71_Ant 0	20M	BPSK	50	28	Left Cheek	0mm	7/8	136100	680.5	23.95	25.70	1.496	0.11	0.102	0.153
	FR1 n71_Ant 0	20M	BPSK	1	1	Left Tilted	0mm	7/8	136100	680.5	24.12	25.70	1.439	0.11	0.063	0.091
	FR1 n71_Ant 0	20M	BPSK	50	28	Left Tilted	0mm	7/8	136100	680.5	23.95	25.70	1.496	-0.16	0.045	0.067
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	7/8	136100	680.5	22.33	23.00	1.167	0.02	0.413	0.482
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	7/8	136100	680.5	22.26	23.00	1.186	0.12	0.389	0.461
143	FR1 n71_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	7/8	136100	680.5	22.33	23.00	1.167	0	0.647	0.755
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	7/8	136100	680.5	22.26	23.00	1.186	0.16	0.622	0.738
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	7/8	136100	680.5	22.33	23.00	1.167	-0.03	0.302	0.352
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	7/8	136100	680.5	22.26	23.00	1.186	0.18	0.284	0.337
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	7/8	136100	680.5	22.33	23.00	1.167	0.12	0.341	0.398
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	7/8	136100	680.5	22.26	23.00	1.186	-0.12	0.332	0.394
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	24.44	25.10	1.164	0.12	0.050	0.058
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Cheek	0mm	7/8	518598	2592.99	24.26	25.10	1.213	0.1	0.046	0.056
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Tilted	0mm	7/8	518598	2592.99	24.44	25.10	1.164	-0.04	0.035	0.041
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Tilted	0mm	7/8	518598	2592.99	24.26	25.10	1.213	-0.04	0.033	0.040
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	24.44	25.10	1.164	0.05	0.032	0.037
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Cheek	0mm	7/8	518598	2592.99	24.26	25.10	1.213	0.13	0.028	0.034
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Tilted	0mm	7/8	518598	2592.99	24.44	25.10	1.164	0.17	0.027	0.031
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Tilted	0mm	7/8	518598	2592.99	24.26	25.10	1.213	-0.14	0.024	0.029
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	26.37	27.00	1.156	-0.04	0.040	0.046
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	18.34	18.80	1.112	0.06	0.726	0.807
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	7/8	518598	2592.99	18.22	18.80	1.143	-0.05	0.689	0.787
	FR1 n41_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	7/8	518598	2592.99	18.20	18.80	1.148	0.06	0.666	0.765
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	7/8	518598	2592.99	18.34	18.80	1.112	-0.1	0.346	0.385
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	7/8	518598	2592.99	18.22	18.80	1.143	0.1	0.325	0.371
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	18.34	18.80	1.112	0.13	0.355	0.395
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	7/8	518598	2592.99	18.22	18.80	1.143	0.04	0.336	0.384
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	7/8	518598	2592.99	18.34	18.80	1.112	0.09	0.333	0.370
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	7/8	518598	2592.99	18.22	18.80	1.143	0.02	0.319	0.365
144	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	21.34	21.80	1.112	0.02	0.739	0.822
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	24.11	25.10	1.256	0.04	0.198	0.249
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Cheek	0mm	7/8	518598	2592.99	23.81	25.10	1.346	0.12	0.161	0.217
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Tilted	0mm	7/8	518598	2592.99	24.11	25.10	1.256	-0.01	0.165	0.207
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Tilted	0mm	7/8	518598	2592.99	23.81	25.10	1.346	0.16	0.142	0.191
	FR1 n41_Ant 0	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	24.11	25.10	1.256	0.03	0.337	0.423
	FR1 n41_Ant 0	100M	BPSK	135	69	Left Cheek	0mm	7/8	518598	2592.99	23.81	25.10	1.346	-0.02	0.302	0.406
	FR1 n41_Ant 0	100M	BPSK	1	1	Left Tilted	0mm	7/8	518598	2592.99	24.11	25.10	1.256	0.07	0.141	0.177
	FR1 n41_Ant 0	100M	BPSK	135	69	Left Tilted	0mm	7/8	518598	2592.99	23.81	25.10	1.346	-0.11	0.120	0.162
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	26.03	27.00	1.250	0.01	0.272	0.340
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	7/8	518598	2592.99	24.02	25.10	1.282	-0.06	0.175	0.224
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	7/8	518598	2592.99	23.63	25.10	1.403	-0.11	0.154	0.216



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	FR1 n41_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	7/8	518598	2592.99	24.02	25.10	1.282	0	0.037	0.047
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	7/8	518598	2592.99	23.63	25.10	1.403	-0.06	0.028	0.039
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	24.02	25.10	1.282	0	0.501	0.642
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	7/8	518598	2592.99	23.63	25.10	1.403	-0.04	0.438	0.614
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	7/8	518598	2592.99	24.02	25.10	1.282	-0.16	0.069	0.088
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	7/8	518598	2592.99	23.63	25.10	1.403	0	0.061	0.086
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	518598	2592.99	26.06	27.00	1.242	-0.01	0.391	0.485
	FR1 n48_Ant 6	40M	QPSK	1	104	Right Cheek	0mm	7/8	641666	3624.99	20.49	21.00	1.125	-0.16	0.040	0.045
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Cheek	0mm	7/8	641666	3624.99	24.46	25.30	1.213	0.13	0.101	0.123
	FR1 n48_Ant 6	40M	QPSK	1	104	Right Tilted	0mm	7/8	641666	3624.99	20.49	21.00	1.125	0.07	0.039	0.044
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Tilted	0mm	7/8	641666	3624.99	24.46	25.30	1.213	-0.01	0.098	0.119
	FR1 n48_Ant 6	40M	QPSK	1	104	Left Cheek	0mm	7/8	641666	3624.99	20.49	21.00	1.125	-0.15	0.073	0.082
	FR1 n48_Ant 6	40M	BPSK	50	25	Left Cheek	0mm	7/8	641666	3624.99	24.46	25.30	1.213	-0.19	0.182	0.221
	FR1 n48_Ant 6	40M	QPSK	1	104	Left Tilted	0mm	7/8	641666	3624.99	20.49	21.00	1.125	0.11	0.028	0.031
	FR1 n48_Ant 6	40M	BPSK	50	25	Left Tilted	0mm	7/8	641666	3624.99	24.46	25.30	1.213	0.14	0.072	0.087
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	7/8	641666	3624.99	15.81	16.00	1.045	0.14	0.565	0.590
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Cheek	0mm	7/8	641666	3624.99	15.70	16.00	1.072	0.16	0.537	0.575
145	FR1 n48_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	7/8	641666	3624.99	15.81	16.00	1.045	-0.04	0.776	0.811
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	7/8	638000	3570	12.22	13.00	1.197	0	0.334	0.400
	FR1 n48_Ant 1	40M	BPSK	1	0	Right Tilted	0mm	7/8	645332	3679.98	11.99	13.00	1.262	-0.06	0.305	0.385
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Tilted	0mm	7/8	641666	3624.99	15.70	16.00	1.072	-0.04	0.742	0.795
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Tilted	0mm	7/8	638000	3570	12.05	13.00	1.245	0	0.234	0.291
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Tilted	0mm	7/8	645332	3679.98	11.95	13.00	1.274	-0.06	0.225	0.287
	FR1 n48_Ant 1	40M	BPSK	100	0	Right Tilted	0mm	7/8	641666	3624.99	15.68	16.00	1.076	-0.01	0.726	0.782
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	7/8	641666	3624.99	15.81	16.00	1.045	0.08	0.199	0.208
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	7/8	641666	3624.99	15.70	16.00	1.072	-0.18	0.176	0.189
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	7/8	641666	3624.99	15.81	16.00	1.045	0.14	0.223	0.233
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	7/8	641666	3624.99	15.70	16.00	1.072	-0.01	0.204	0.219
	FR1 n48_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	7/8	637334	3560.01	15.76	16.00	1.057	0.03	0.722	0.763
	FR1 n48_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	7/8	646000	3690	15.74	16.00	1.062	-0.02	0.710	0.754
	FR1 n48_Ant 1	20M	BPSK	25	12	Right Tilted	0mm	7/8	637334	3560.01	15.68	16.00	1.076	0.07	0.688	0.741
	FR1 n48_Ant 1	20M	BPSK	25	12	Right Tilted	0mm	7/8	646000	3690	15.61	16.00	1.094	-0.11	0.671	0.734
	FR1 n48_Ant 2	40M	BPSK	1	1	Right Cheek	0mm	7/8	641666	3624.99	24.59	25.30	1.178	-0.15	0.110	0.130
	FR1 n48_Ant 2	40M	BPSK	50	28	Right Cheek	0mm	7/8	641666	3624.99	24.53	25.30	1.194	0.04	0.101	0.121
	FR1 n48_Ant 2	40M	BPSK	1	1	Right Tilted	0mm	7/8	641666	3624.99	24.59	25.30	1.178	-0.03	0.055	0.065
	FR1 n48_Ant 2	40M	BPSK	50	28	Right Tilted	0mm	7/8	641666	3624.99	24.53	25.30	1.194	-0.16	0.049	0.059
	FR1 n48_Ant 2	40M	BPSK	1	1	Left Cheek	0mm	7/8	641666	3624.99	24.59	25.30	1.178	-0.11	0.058	0.068
	FR1 n48_Ant 2	40M	BPSK	50	28	Left Cheek	0mm	7/8	641666	3624.99	24.53	25.30	1.194	-0.19	0.052	0.062
	FR1 n48_Ant 2	40M	BPSK	1	1	Left Tilted	0mm	7/8	641666	3624.99	24.59	25.30	1.178	-0.13	0.050	0.059
	FR1 n48_Ant 2	40M	BPSK	50	28	Left Tilted	0mm	7/8	641666	3624.99	24.53	25.30	1.194	-0.15	0.043	0.051
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	7/8	641666	3624.99	24.06	24.90	1.213	0.05	0.257	0.312
	FR1 n48_Ant 5	40M	BPSK	50	28	Right Cheek	0mm	7/8	641666	3624.99	24.01	24.90	1.227	-0.13	0.241	0.296
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	7/8	641666	3624.99	24.06	24.90	1.213	0.07	0.090	0.109
	FR1 n48_Ant 5	40M	BPSK	50	28	Right Tilted	0mm	7/8	641666	3624.99	24.01	24.90	1.227	-0.14	0.083	0.102
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	7/8	641666	3624.99	24.06	24.90	1.213	-0.13	0.631	0.766
	FR1 n48_Ant 5	40M	BPSK	50	28	Left Cheek	0mm	7/8	641666	3624.99	24.01	24.90	1.227	0.07	0.614	0.754
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	7/8	641666	3624.99	24.06	24.90	1.213	-0.19	0.080	0.097
	FR1 n48_Ant 5	40M	BPSK	50	28	Left Tilted	0mm	7/8	641666	3624.99	24.01	24.90	1.227	-0.17	0.072	0.088
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	7/8	656000	3840	23.99	25.10	1.291	-0.14	0.027	0.035
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	7/8	656000	3840	23.82	25.10	1.343	-0.09	0.024	0.032
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	7/8	656000	3840	23.99	25.10	1.291	-0.04	0.012	0.015
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	7/8	656000	3840	23.82	25.10	1.343	0.03	0.010	0.013
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	23.99	25.10	1.291	0.17	0.050	0.065
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	7/8	656000	3840	23.82	25.10	1.343	-0.09	0.046	0.062
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	7/8	656000	3840	23.99	25.10	1.291	0.06	0.030	0.039
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	7/8	656000	3840	23.82	25.10	1.343	-0.01	0.025	0.034



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	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	26.39	27.50	1.291	0.17	0.041	0.053
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	24.24	25.10	1.219	-0.19	0.063	0.077
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	7/8	633332	3499.98	23.95	25.10	1.303	-0.02	0.057	0.074
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	24.24	25.10	1.219	-0.16	0.047	0.057
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	7/8	633332	3499.98	23.95	25.10	1.303	0.03	0.042	0.055
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	24.24	25.10	1.219	0.18	0.125	0.152
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	7/8	633332	3499.98	23.95	25.10	1.303	0.12	0.114	0.149
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	7/8	633332	3499.98	24.24	25.10	1.219	0.06	0.033	0.040
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	7/8	633332	3499.98	23.95	25.10	1.303	-0.14	0.030	0.039
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	26.48	27.50	1.265	0.17	0.098	0.124
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	7/8	656000	3840	13.77	14.00	1.054	-0.06	0.646	0.681
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	7/8	656000	3840	13.70	14.00	1.072	0.01	0.625	0.670
146	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	7/8	656000	3840	13.77	14.00	1.054	-0.14	0.713	0.752
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	7/8	656000	3840	13.70	14.00	1.072	-0.04	0.701	0.751
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	13.77	14.00	1.054	-0.15	0.129	0.136
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	7/8	656000	3840	13.70	14.00	1.072	0.17	0.124	0.133
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	7/8	656000	3840	13.77	14.00	1.054	-0.09	0.265	0.279
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	7/8	656000	3840	13.70	14.00	1.072	0.12	0.243	0.260
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	7/8	656000	3840	15.79	17.00	1.321	-0.02	0.519	0.686
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	13.89	14.00	1.026	0.09	0.426	0.437
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	7/8	633332	3499.98	13.86	14.00	1.033	-0.04	0.411	0.424
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	13.89	14.00	1.026	0.02	0.430	0.441
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	7/8	633332	3499.98	13.86	14.00	1.033	0.08	0.416	0.430
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	13.89	14.00	1.026	-0.1	0.090	0.092
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	7/8	633332	3499.98	13.86	14.00	1.033	-0.13	0.078	0.081
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	7/8	633332	3499.98	13.89	14.00	1.026	0.01	0.178	0.183
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	7/8	633332	3499.98	13.86	14.00	1.033	0.1	0.165	0.170
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	15.92	17.00	1.282	-0.07	0.330	0.423
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	656000	3840	24.53	25.00	1.114	-0.12	0.150	0.167
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Cheek	0mm	7/8	656000	3840	24.27	25.00	1.183	-0.02	0.135	0.160
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Tilted	0mm	7/8	656000	3840	24.53	25.00	1.114	0.16	0.101	0.113
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Tilted	0mm	7/8	656000	3840	24.27	25.00	1.183	0.18	0.084	0.099
	FR1 n77_Ant 2	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	24.53	25.00	1.114	-0.11	0.111	0.124
	FR1 n77_Ant 2	100M	BPSK	135	69	Left Cheek	0mm	7/8	656000	3840	24.27	25.00	1.183	0.08	0.102	0.121
	FR1 n77_Ant 2	100M	BPSK	1	1	Left Tilted	0mm	7/8	656000	3840	24.53	25.00	1.114	-0.12	0.081	0.090
	FR1 n77_Ant 2	100M	BPSK	135	69	Left Tilted	0mm	7/8	656000	3840	24.27	25.00	1.183	-0.15	0.074	0.088
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	656000	3840	25.70	26.20	1.122	0.06	0.093	0.104
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	24.50	25.00	1.122	0.01	0.075	0.084
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Cheek	0mm	7/8	633332	3499.98	24.30	25.00	1.175	0.03	0.069	0.081
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	24.50	25.00	1.122	-0.15	0.042	0.047
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Tilted	0mm	7/8	633332	3499.98	24.30	25.00	1.175	-0.18	0.037	0.043
	FR1 n77_Ant 2	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	24.50	25.00	1.122	0.04	0.054	0.061
	FR1 n77_Ant 2	100M	BPSK	135	69	Left Cheek	0mm	7/8	633332	3499.98	24.30	25.00	1.175	0.15	0.046	0.054
	FR1 n77_Ant 2	100M	BPSK	1	1	Left Tilted	0mm	7/8	633332	3499.98	24.50	25.00	1.122	-0.19	0.045	0.050
	FR1 n77_Ant 2	100M	BPSK	135	69	Left Tilted	0mm	7/8	633332	3499.98	24.30	25.00	1.175	0.14	0.040	0.047
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	25.61	26.20	1.146	0.17	0.047	0.054
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	7/8	656000	3840	22.71	23.60	1.227	-0.06	0.165	0.203
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	7/8	656000	3840	22.37	23.60	1.327	0.03	0.135	0.179
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	7/8	656000	3840	22.71	23.60	1.227	-0.05	0.086	0.106
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	7/8	656000	3840	22.37	23.60	1.327	-0.03	0.072	0.096
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	22.71	23.60	1.227	-0.03	0.373	0.458
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	7/8	656000	3840	22.37	23.60	1.327	0.12	0.338	0.449
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	7/8	656000	3840	22.71	23.60	1.227	0.12	0.072	0.088
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	7/8	656000	3840	22.37	23.60	1.327	-0.17	0.065	0.086
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	656000	3840	25.49	26.20	1.178	0.07	0.251	0.296



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	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	22.60	23.60	1.259	0.14	0.302	0.380
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	7/8	633332	3499.98	22.40	23.60	1.318	-0.15	0.276	0.364
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	22.60	23.60	1.259	-0.04	0.075	0.094
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	7/8	633332	3499.98	22.40	23.60	1.318	0.15	0.070	0.092
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	22.60	23.60	1.259	-0.08	0.580	0.730
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	7/8	633332	3499.98	22.40	23.60	1.318	0.07	0.548	0.722
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	7/8	633332	3499.98	22.60	23.60	1.259	-0.12	0.093	0.117
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	7/8	633332	3499.98	22.40	23.60	1.318	0.03	0.088	0.116
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	25.25	26.20	1.245	-0.09	0.397	0.494
	FR1 n78_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	7/8	650000	3750	24.30	25.50	1.318	-0.04	0.025	0.033
	FR1 n78_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	7/8	650000	3750	23.99	25.50	1.416	0.04	0.022	0.031
	FR1 n78_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	7/8	650000	3750	24.30	25.50	1.318	-0.16	0.011	0.015
	FR1 n78_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	7/8	650000	3750	23.99	25.50	1.416	-0.01	0.009	0.013
	FR1 n78_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	650000	3750	24.30	25.50	1.318	0.02	0.046	0.061
	FR1 n78_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	7/8	650000	3750	23.99	25.50	1.416	0.16	0.042	0.059
	FR1 n78_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	7/8	650000	3750	24.30	25.50	1.318	0.17	0.029	0.038
	FR1 n78_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	7/8	650000	3750	23.99	25.50	1.416	0.1	0.022	0.031
	FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	650000	3750	26.42	27.50	1.282	0.04	0.037	0.047
	FR1 n78_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	7/8	633332	3499.98	24.41	25.50	1.285	0.1	0.065	0.084
	FR1 n78_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	7/8	633332	3499.98	24.15	25.50	1.365	0.02	0.059	0.081
	FR1 n78_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	7/8	633332	3499.98	24.41	25.50	1.285	-0.07	0.046	0.059
	FR1 n78_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	7/8	633332	3499.98	24.15	25.50	1.365	-0.07	0.043	0.059
147	FR1 n78_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	24.41	25.50	1.285	-0.09	0.118	0.152
	FR1 n78_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	7/8	633332	3499.98	24.15	25.50	1.365	0.16	0.110	0.150
	FR1 n78_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	7/8	633332	3499.98	24.41	25.50	1.285	0.1	0.032	0.041
	FR1 n78_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	7/8	633332	3499.98	24.15	25.50	1.365	-0.14	0.029	0.040
	FR1 n78_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	7/8	633332	3499.98	26.55	27.50	1.245	-0.19	0.093	0.116



<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	Right Cheek	0mm	Ant 3	5-1	6	2437	9.85	10.50	1.161	100	1.000	-0.14	0.111	0.129
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	5-1	6	2437	9.85	10.50	1.161	100	1.000	0.07	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	5-1	6	2437	9.85	10.50	1.161	100	1.000	0.1	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	5-1	6	2437	9.85	10.50	1.161	100	1.000	-0.19	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	5-1	12	2467	9.95	10.50	1.135	100	1.000	-0.08	0.237	0.269
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	5-1	12	2467	9.95	10.50	1.135	100	1.000	0.15	0.198	0.225
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	5-1	12	2467	9.95	10.50	1.135	100	1.000	0.13	0.315	0.358
148	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	5-1	12	2467	9.95	10.50	1.135	100	1.000	0.05	0.343	0.389
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	5-2	12	2467	6.35	7.50	1.303	100	1.000	-0.17	0.105	0.137
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	5-2	12	2467	6.35	7.50	1.303	100	1.000	0.19	0.088	0.115
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	5-2	12	2467	6.35	7.50	1.303	100	1.000	0.01	0.140	0.182
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	5-2	12	2467	6.35	7.50	1.303	100	1.000	-0.05	0.152	0.198
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	5-1	6	2437	9.90	10.50	1.148	100	1.000	-0.07	0.101	0.116
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	5-1	6	2437	10.25	10.50	1.059	100	1.000	-0.09	0.253	0.268
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	5-1	6	2437	9.90	10.50	1.148	100	1.000	-0.17	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	5-1	6	2437	10.25	10.50	1.059	100	1.000	-0.15	0.216	0.229
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	5-1	6	2437	9.90	10.50	1.148	100	1.000	-0.15	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	5-1	6	2437	10.25	10.50	1.059	100	1.000	-0.07	0.248	0.263
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	5-1	6	2437	9.90	10.50	1.148	100	1.000	-0.06	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	5-1	6	2437	10.25	10.50	1.059	100	1.000	-0.06	0.348	0.369
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	5-2	11	2462	6.25	7.50	1.334	100	1.000	-0.13	0.056	0.075
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	5-2	11	2462	6.75	7.50	1.189	100	1.000	0.01	0.118	0.140
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	5-2	11	2462	6.25	7.50	1.334	100	1.000	-0.12	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	5-2	11	2462	6.75	7.50	1.189	100	1.000	-0.14	0.101	0.120
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	5-2	11	2462	6.25	7.50	1.334	100	1.000	-0.11	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	5-2	11	2462	6.75	7.50	1.189	100	1.000	-0.18	0.116	0.138
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	5-2	11	2462	6.25	7.50	1.334	100	1.000	0.02	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	5-2	11	2462	6.75	7.50	1.189	100	1.000	0.07	0.162	0.193
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	5-1	50	5250	5.17	6.00	1.211	95.82	1.044	-0.17	0.021	0.027
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	5-1	50	5250	5.67	6.00	1.079	95.82	1.044	0	0.049	0.055
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	50	5250	5.17	6.00	1.211	95.82	1.044	0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	50	5250	5.67	6.00	1.079	95.82	1.044	0.11	0.059	0.066
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	5-1	50	5250	5.17	6.00	1.211	95.82	1.044	0.1	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	5-1	50	5250	5.67	6.00	1.079	95.82	1.044	0.02	0.079	0.089
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	5-1	50	5250	5.17	6.00	1.211	95.82	1.044	0.09	0.001	0.001
149	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	5-1	50	5250	5.67	6.00	1.079	95.82	1.044	0.01	0.138	0.155
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	5-1	114	5570	5.67	6.00	1.079	95.82	1.044	0.12	0.044	0.050
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	5-1	114	5570	5.97	6.00	1.007	95.82	1.044	-0.19	0.086	0.090
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	114	5570	5.67	6.00	1.079	95.82	1.044	0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	114	5570	5.97	6.00	1.007	95.82	1.044	-0.19	0.105	0.110
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	5-1	114	5570	5.67	6.00	1.079	95.82	1.044	-0.17	0.023	0.026
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	5-1	114	5570	5.97	6.00	1.007	95.82	1.044	0.12	0.158	0.166
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	5-1	114	5570	5.67	6.00	1.079	95.82	1.044	0.18	0.001	0.001
150	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	5-1	114	5570	5.97	6.00	1.007	95.82	1.044	0.05	0.188	0.198
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	5-1	155	5775	2.67	3.50	1.211	97.77	1.023	-0.03	0.020	0.025
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	5-1	155	5775	2.37	3.50	1.297	97.77	1.023	-0.15	0.057	0.076
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	155	5775	2.67	3.50	1.211	97.77	1.023	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	155	5775	2.37	3.50	1.297	97.77	1.023	0.19	0.069	0.092
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	5-1	155	5775	2.67	3.50	1.211	97.77	1.023	-0.07	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	5-1	155	5775	2.37	3.50	1.297	97.77	1.023	0.06	0.085	0.113



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	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	5-1	155	5775	2.67	3.50	1.211	97.77	1.023	-0.18	0.001	0.001
151	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	5-1	155	5775	2.37	3.50	1.297	97.77	1.023	0.01	0.123	0.163
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	5-1	163	5815	2.67	3.50	1.211	95.82	1.044	-0.08	0.035	0.044
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	5-1	163	5815	1.97	3.50	1.422	95.82	1.044	0.09	0.110	0.163
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	163	5815	2.67	3.50	1.211	95.82	1.044	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	163	5815	1.97	3.50	1.422	95.82	1.044	-0.02	0.120	0.178
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	5-1	163	5815	2.67	3.50	1.211	95.82	1.044	0.15	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	5-1	163	5815	1.97	3.50	1.422	95.82	1.044	-0.07	0.106	0.157
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	5-1	163	5815	2.67	3.50	1.211	95.82	1.044	0.18	0.001	0.001
152	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	5-1	163	5815	1.97	3.50	1.422	95.82	1.044	0.01	0.126	0.187

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	5-1	207	6985	10.41	10.50	1.021	95.24	1.050	0.18	0.001	0.001	0.003	0.003
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	5-1	207	6985	9.55	10.50	1.245	95.24	1.050	0.18	0.083	0.108	0.515	0.673
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	207	6985	10.41	10.50	1.021	95.24	1.050	0.03	0.001	0.001	0.001	0.001
153	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	207	6985	9.55	10.50	1.245	95.24	1.050	0.03	0.152	0.199	0.940	1.228
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	15	6025	3.35	4.50	1.303	95.24	1.050	-0.1	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	15	6025	3.05	4.50	1.396	95.24	1.050	0.05	0.122	0.179	0.317	0.465
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	47	6185	3.45	4.50	1.274	95.24	1.050	0.15	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	47	6185	2.85	4.50	1.462	95.24	1.050	-0.02	0.117	0.180	0.384	0.590
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	111	6505	5.93	6.00	1.016	95.24	1.050	0.04	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	111	6505	5.83	6.00	1.040	95.24	1.050	-0.09	0.164	0.179	0.682	0.745
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	5-1	143	6665	5.83	6.50	1.167	95.24	1.050	-0.16	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	5-1	143	6665	5.53	6.50	1.250	95.24	1.050	-0.06	0.138	0.181	0.458	0.601
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	5-1	207	6985	10.41	10.50	1.021	95.24	1.050	0	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	5-1	207	6985	9.55	10.50	1.245	95.24	1.050	-0.01	0.068	0.089	0.389	0.508
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(3)	5-1	207	6985	10.41	10.50	1.021	95.24	1.050	-0.08	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(4)	5-1	207	6985	9.55	10.50	1.245	95.24	1.050	0.02	0.131	0.171	0.676	0.883

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	Right Cheek	0mm	Ant 3	5	39	2441	15.85	17.00	1.303	77	1.082	0.03	0.130	0.183
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3	5	39	2441	15.85	17.00	1.303	77	1.082	-0.13	0.026	0.037
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3	5	39	2441	15.85	17.00	1.303	77	1.082	-0.09	0.088	0.124
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3	5	39	2441	15.85	17.00	1.303	77	1.082	0.01	0.025	0.035
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 4	5	39	2441	8.69	9.00	1.074	77.1	1.080	-0.03	0.111	0.129
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 4	5	39	2441	8.69	9.00	1.074	77.1	1.080	0.09	0.095	0.110
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 4	5	39	2441	8.69	9.00	1.074	77.1	1.080	0.08	0.133	0.154
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 4	5	39	2441	8.69	9.00	1.074	77.1	1.080	0.09	0.138	0.160
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(3)	5	39	2441	8.70	9.00	1.072	77.1	1.080	-0.15	0.025	0.029
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(4)	5	39	2441	8.80	9.00	1.047	77.1	1.080	0.14	0.127	0.144
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(3)	5	39	2441	8.70	9.00	1.072	77.1	1.080	0.15	0.001	0.001
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(4)	5	39	2441	8.80	9.00	1.047	77.1	1.080	0.07	0.118	0.133
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(3)	5	39	2441	8.70	9.00	1.072	77.1	1.080	-0.06	0.020	0.023
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(4)	5	39	2441	8.80	9.00	1.047	77.1	1.080	-0.05	0.147	0.166
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(3)	5	39	2441	8.70	9.00	1.072	77.1	1.080	0.15	0.001	0.001
154	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(4)	5	39	2441	8.80	9.00	1.047	77.1	1.080	0.1	0.167	0.189

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Power Index	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)
	Thread_Ant 3	250K	Right Cheek	0mm	Index 5	11	2405	18.51	19.50	1.256	-0.12	0.137	0.172
	Thread_Ant 3	250K	Right Tilted	0mm	Index 5	11	2405	18.51	19.50	1.256	0.16	0.116	0.146
155	Thread_Ant 3	250K	Left Cheek	0mm	Index 5	11	2405	18.51	19.50	1.256	0	0.142	0.178
	Thread_Ant 3	250K	Left Tilted	0mm	Index 5	11	2405	18.51	19.50	1.256	0.12	0.059	0.074
	Thread_Ant 3	250K	Left Cheek	0mm	Index 5	18	2440	18.43	19.50	1.279	0.01	0.121	0.155
	Thread_Ant 3	250K	Left Cheek	0mm	Index 5	25	2475	18.39	19.50	1.291	-0.07	0.135	0.174
	Thread_Ant 3	250K	Left Cheek	0mm	Index 5	26	2480	18.09	19.50	1.384	0.05	0.113	0.156

16.2 Hotspot SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	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)
156	GSM850_Ant 0	GPRS (4 Tx slots)	Front	10mm	9	128	824.2	29.16	30.10	1.242	0	0.510	0.633
	GSM850_Ant 0	GPRS (4 Tx slots)	Back	10mm	9	128	824.2	29.16	30.10	1.242	0.11	0.342	0.425
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Side	10mm	9	128	824.2	29.16	30.10	1.242	-0.13	0.396	0.492
	GSM850_Ant 0	GPRS (4 Tx slots)	Bottom Side	10mm	9	128	824.2	29.16	30.10	1.242	-0.12	0.286	0.355
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	9	128	824.2	29.34	30.50	1.306	0.02	0.298	0.389
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	9	128	824.2	29.34	30.50	1.306	0.06	0.228	0.298
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Side	10mm	9	128	824.2	29.34	30.50	1.306	-0.1	0.139	0.182
	GSM850_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	9	128	824.2	29.34	30.50	1.306	0.01	0.090	0.118
157	GSM1900_Ant 2	GPRS (4 Tx slots)	Front	10mm	9	810	1909.8	18.72	19.00	1.067	-0.04	0.562	0.599
	GSM1900_Ant 2	GPRS (4 Tx slots)	Back	10mm	9	810	1909.8	18.72	19.00	1.067	-0.02	0.381	0.406
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Side	10mm	9	810	1909.8	18.72	19.00	1.067	-0.06	0.029	0.031
	GSM1900_Ant 2	GPRS (4 Tx slots)	Bottom Side	10mm	9	810	1909.8	18.72	19.00	1.067	-0.12	0.554	0.591
	GSM1900_Ant 1	GPRS (4 Tx slots)	Front	10mm	9	512	1850.2	19.15	19.50	1.084	-0.03	0.244	0.264
	GSM1900_Ant 1	GPRS (4 Tx slots)	Back	10mm	9	512	1850.2	19.15	19.50	1.084	-0.19	0.180	0.195
	GSM1900_Ant 1	GPRS (4 Tx slots)	Right Side	10mm	9	512	1850.2	19.15	19.50	1.084	-0.19	0.281	0.305
	GSM1900_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	9	512	1850.2	19.15	19.50	1.084	-0.09	0.036	0.039



<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	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_Ant 2	RMC 12.2Kbps	Front	10mm	9	9262	1852.4	17.39	17.60	1.050	-0.07	0.597	0.627
	WCDMA II_Ant 2	RMC 12.2Kbps	Back	10mm	9	9262	1852.4	17.39	17.60	1.050	0.15	0.308	0.323
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Side	10mm	9	9262	1852.4	17.39	17.60	1.050	0.19	0.029	0.030
158	WCDMA II_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	9	9262	1852.4	17.39	17.60	1.050	0	0.729	0.765
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	9	9400	1880	14.86	15.30	1.107	-0.16	0.217	0.240
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	9	9400	1880	14.86	15.30	1.107	-0.08	0.153	0.169
	WCDMA II_Ant 1	RMC 12.2Kbps	Right Side	10mm	9	9400	1880	14.86	15.30	1.107	-0.1	0.272	0.301
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	9	9400	1880	14.86	15.30	1.107	0.11	0.044	0.049
	WCDMA IV_Ant 2	RMC 12.2Kbps	Front	10mm	9	1513	1752.6	19.49	20.00	1.125	-0.07	0.526	0.592
	WCDMA IV_Ant 2	RMC 12.2Kbps	Back	10mm	9	1513	1752.6	19.49	20.00	1.125	0.06	0.341	0.383
	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Side	10mm	9	1513	1752.6	19.49	20.00	1.125	-0.09	0.066	0.074
159	WCDMA IV_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	9	1513	1752.6	19.49	20.00	1.125	-0.02	0.726	0.816
	WCDMA IV_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	9	1312	1712.4	19.47	20.00	1.130	0.02	0.632	0.714
	WCDMA IV_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	9	1413	1732.6	19.48	20.00	1.127	0.08	0.679	0.765
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	9	1413	1732.6	17.05	17.30	1.059	0.05	0.250	0.265
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	9	1413	1732.6	17.05	17.30	1.059	0.05	0.179	0.190
	WCDMA IV_Ant 1	RMC 12.2Kbps	Right Side	10mm	9	1413	1732.6	17.05	17.30	1.059	-0.13	0.298	0.316
	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	9	1413	1732.6	17.05	17.30	1.059	-0.13	0.020	0.021
160	WCDMA V_Ant 0	RMC 12.2Kbps	Front	10mm	9	4233	846.6	24.72	25.00	1.067	-0.15	0.359	0.383
	WCDMA V_Ant 0	RMC 12.2Kbps	Back	10mm	9	4233	846.6	24.72	25.00	1.067	0.17	0.304	0.324
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Side	10mm	9	4233	846.6	24.72	25.00	1.067	-0.06	0.273	0.291
	WCDMA V_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	9	4233	846.6	24.72	25.00	1.067	0.19	0.226	0.241
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	9	4182	836.4	23.59	25.00	1.384	-0.01	0.210	0.291
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	10mm	9	4182	836.4	23.59	25.00	1.384	-0.18	0.169	0.234
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Side	10mm	9	4182	836.4	23.59	25.00	1.384	-0.08	0.100	0.138
	WCDMA V_Ant 1	RMC 12.2Kbps	Top Side	10mm	9	4182	836.4	23.59	25.00	1.384	-0.03	0.067	0.093



<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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_Ant 2	20M	QPSK	1	0	Front	10mm	9	20850	2510	18.40	19.00	1.148			0.08	0.406	0.466
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	9	20850	2510	18.39	19.00	1.151			0.07	0.377	0.434
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	9	20850	2510	18.40	19.00	1.148			0.16	0.293	0.336
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	9	20850	2510	18.39	19.00	1.151			0.01	0.284	0.327
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Side	10mm	9	20850	2510	18.40	19.00	1.148			0.01	0.015	0.017
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Side	10mm	9	20850	2510	18.39	19.00	1.151			-0.14	0.012	0.014
161	LTE Band 7_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	20850	2510	18.40	19.00	1.148			-0.01	0.717	0.823
	LTE Band 7_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	21100	2535	18.33	19.00	1.167			0.06	0.695	0.811
	LTE Band 7_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	21350	2560	18.39	19.00	1.151			0.04	0.584	0.672
	LTE Band 7_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	20850	2510	18.39	19.00	1.151			0.09	0.708	0.815
	LTE Band 7_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	21100	2535	18.37	19.00	1.156			-0.11	0.666	0.770
	LTE Band 7_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	21350	2560	18.38	19.00	1.153			0.05	0.571	0.659
	LTE Band 7_Ant 2	20M	QPSK	100	0	Bottom Side	10mm	9	20850	2510	18.31	19.00	1.172			-0.04	0.658	0.771
	LTE Band 7C_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	21350+21152	2560	18.13	19.00	1.222			-0.02	0.642	0.784
	LTE Band 7_Ant 1	20M	QPSK	1	0	Front	10mm	9	21350	2560	18.76	19.00	1.057			-0.05	0.293	0.310
	LTE Band 7_Ant 1	20M	QPSK	50	0	Front	10mm	9	21350	2560	18.74	19.00	1.062			0.07	0.281	0.298
	LTE Band 7_Ant 1	20M	QPSK	1	0	Back	10mm	9	21350	2560	18.76	19.00	1.057			0.11	0.174	0.184
	LTE Band 7_Ant 1	20M	QPSK	50	0	Back	10mm	9	21350	2560	18.74	19.00	1.062			-0.11	0.163	0.173
	LTE Band 7_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	21350	2560	18.76	19.00	1.057			-0.02	0.330	0.349
	LTE Band 7_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	21350	2560	18.74	19.00	1.062			0.08	0.314	0.333
	LTE Band 7_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	21350	2560	18.76	19.00	1.057			-0.02	0.060	0.063
	LTE Band 7_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	21350	2560	18.74	19.00	1.062			-0.08	0.057	0.061
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	20850+21048	2510	18.62	19.00	1.091			-0.06	0.305	0.333
162	LTE Band 12_Ant 0	10M	QPSK	1	0	Front	10mm	9	23095	707.5	24.11	25.70	1.442			0.02	0.365	0.526
	LTE Band 12_Ant 0	10M	QPSK	25	0	Front	10mm	9	23095	707.5	23.20	24.70	1.413			-0.01	0.295	0.417
	LTE Band 12_Ant 0	10M	QPSK	1	0	Back	10mm	9	23095	707.5	24.11	25.70	1.442			0.02	0.261	0.376
	LTE Band 12_Ant 0	10M	QPSK	25	0	Back	10mm	9	23095	707.5	23.20	24.70	1.413			-0.12	0.211	0.298
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Side	10mm	9	23095	707.5	24.11	25.70	1.442			0.02	0.226	0.326
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Side	10mm	9	23095	707.5	23.20	24.70	1.413			-0.02	0.183	0.258
	LTE Band 12_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	9	23095	707.5	24.11	25.70	1.442			-0.02	0.134	0.193
	LTE Band 12_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	9	23095	707.5	23.20	24.70	1.413			0.03	0.108	0.153
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	10mm	9	23095	707.5	24.67	25.70	1.268			0.01	0.229	0.290
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	9	23095	707.5	23.75	24.70	1.245			0	0.185	0.230
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	9	23095	707.5	24.67	25.70	1.268			0.05	0.204	0.259
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	10mm	9	23095	707.5	23.75	24.70	1.245			0.17	0.164	0.204
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Side	10mm	9	23095	707.5	24.67	25.70	1.268			0	0.219	0.278
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Side	10mm	9	23095	707.5	23.75	24.70	1.245			0.16	0.177	0.220
	LTE Band 12_Ant 1	10M	QPSK	1	0	Top Side	10mm	9	23095	707.5	24.67	25.70	1.268			0.16	0.172	0.218
	LTE Band 12_Ant 1	10M	QPSK	25	0	Top Side	10mm	9	23095	707.5	23.75	24.70	1.245			0.19	0.138	0.172
163	LTE Band 13_Ant 0	10M	QPSK	1	0	Front	10mm	9	23230	782	24.20	25.70	1.413			-0.03	0.454	0.641
	LTE Band 13_Ant 0	10M	QPSK	25	0	Front	10mm	9	23230	782	23.35	24.70	1.365			-0.01	0.372	0.508
	LTE Band 13_Ant 0	10M	QPSK	1	0	Back	10mm	9	23230	782	24.20	25.70	1.413			0.19	0.303	0.428
	LTE Band 13_Ant 0	10M	QPSK	25	0	Back	10mm	9	23230	782	23.35	24.70	1.365			0.17	0.249	0.340
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Side	10mm	9	23230	782	24.20	25.70	1.413			0.09	0.310	0.438
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Side	10mm	9	23230	782	23.35	24.70	1.365			0.14	0.254	0.347
	LTE Band 13_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	9	23230	782	24.20	25.70	1.413			-0.15	0.179	0.253
	LTE Band 13_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	9	23230	782	23.35	24.70	1.365			0.06	0.147	0.201
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	9	23230	782	24.96	25.70	1.186			0	0.211	0.250
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	9	23230	782	24.12	24.70	1.143			0.06	0.174	0.199
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	9	23230	782	24.96	25.70	1.186			0.04	0.152	0.180



FCC SAR TEST REPORT

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	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	9	23230	782	24.12	24.70	1.143			-0.09	0.125	0.143
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Side	10mm	9	23230	782	24.96	25.70	1.186			-0.06	0.149	0.177
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Side	10mm	9	23230	782	24.12	24.70	1.143			-0.17	0.122	0.139
	LTE Band 13_Ant 1	10M	QPSK	1	0	Top Side	10mm	9	23230	782	24.96	25.70	1.186			-0.15	0.153	0.181
	LTE Band 13_Ant 1	10M	QPSK	25	0	Top Side	10mm	9	23230	782	24.12	24.70	1.143			0.02	0.125	0.143
164	LTE Band 14_Ant 0	10M	QPSK	1	0	Front	10mm	9	23330	793	24.33	25.70	1.371			-0.01	0.458	0.628
	LTE Band 14_Ant 0	10M	QPSK	25	0	Front	10mm	9	23330	793	23.40	24.70	1.349			-0.11	0.369	0.498
	LTE Band 14_Ant 0	10M	QPSK	1	0	Back	10mm	9	23330	793	24.33	25.70	1.371			0.09	0.299	0.410
	LTE Band 14_Ant 0	10M	QPSK	25	0	Back	10mm	9	23330	793	23.40	24.70	1.349			0.18	0.241	0.325
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Side	10mm	9	23330	793	24.33	25.70	1.371			0	0.272	0.373
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Side	10mm	9	23330	793	23.40	24.70	1.349			-0.14	0.219	0.295
	LTE Band 14_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	9	23330	793	24.33	25.70	1.371			0.06	0.186	0.255
	LTE Band 14_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	9	23330	793	23.40	24.70	1.349			0.09	0.150	0.202
	LTE Band 14_Ant 1	10M	QPSK	1	0	Front	10mm	9	23330	793	25.09	25.70	1.151			0.02	0.204	0.235
	LTE Band 14_Ant 1	10M	QPSK	25	0	Front	10mm	9	23330	793	24.14	24.70	1.138			-0.19	0.163	0.185
	LTE Band 14_Ant 1	10M	QPSK	1	0	Back	10mm	9	23330	793	25.09	25.70	1.151			0.05	0.201	0.231
	LTE Band 14_Ant 1	10M	QPSK	25	0	Back	10mm	9	23330	793	24.14	24.70	1.138			-0.08	0.161	0.183
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Side	10mm	9	23330	793	25.09	25.70	1.151			-0.05	0.161	0.185
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Side	10mm	9	23330	793	24.14	24.70	1.138			0.04	0.129	0.147
	LTE Band 14_Ant 1	10M	QPSK	1	0	Top Side	10mm	9	23330	793	25.09	25.70	1.151			-0.11	0.123	0.142
	LTE Band 14_Ant 1	10M	QPSK	25	0	Top Side	10mm	9	23330	793	24.14	24.70	1.138			-0.09	0.098	0.111
	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	9	26140	1860	17.24	17.40	1.038			-0.04	0.606	0.629
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	9	26140	1860	17.23	17.40	1.040			0.07	0.596	0.620
	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	9	26140	1860	17.24	17.40	1.038			0.01	0.342	0.355
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	9	26140	1860	17.23	17.40	1.040			-0.18	0.338	0.351
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Side	10mm	9	26140	1860	17.24	17.40	1.038			0.08	0.036	0.037
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Side	10mm	9	26140	1860	17.23	17.40	1.040			-0.14	0.034	0.035
165	LTE Band 25_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	26140	1860	17.24	17.40	1.038			0	0.734	0.762
	LTE Band 25_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	26140	1860	17.23	17.40	1.040			-0.07	0.723	0.752
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	9	26590	1905	15.63	16.10	1.114			-0.02	0.249	0.277
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	9	26590	1905	15.61	16.10	1.119			0.18	0.234	0.262
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	9	26590	1905	15.63	16.10	1.114			0.16	0.193	0.215
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	9	26590	1905	15.61	16.10	1.119			-0.16	0.182	0.204
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	26590	1905	15.63	16.10	1.114			-0.07	0.308	0.343
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	26590	1905	15.61	16.10	1.119			-0.11	0.293	0.328
	LTE Band 25_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	26590	1905	15.63	16.10	1.114			0.01	0.053	0.059
	LTE Band 25_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	26590	1905	15.61	16.10	1.119			-0.07	0.048	0.054
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	9	26140	1860	19.46	20.10	1.159			-0.02	0.534	0.619
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	9	26140	1860	19.45	20.10	1.161			-0.09	0.520	0.604
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	9	26140	1860	19.46	20.10	1.159			-0.09	0.376	0.436
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	9	26140	1860	19.45	20.10	1.161			0.13	0.353	0.410
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	26140	1860	19.46	20.10	1.159			-0.1	0.649	0.752
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	26140	1860	19.45	20.10	1.161			0.11	0.631	0.733
	LTE Band 25_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	9	26140	1860	19.46	20.10	1.159			-0.07	0.123	0.143
	LTE Band 25_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	9	26140	1860	19.45	20.10	1.161			-0.16	0.110	0.128
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	9	26140	1860	21.97	22.30	1.079			-0.17	0.376	0.406
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	9	26140	1860	21.95	22.30	1.084			-0.03	0.368	0.399
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	9	26140	1860	21.97	22.30	1.079			-0.07	0.223	0.241
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	9	26140	1860	21.95	22.30	1.084			0.04	0.214	0.232
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Side	10mm	9	26140	1860	21.97	22.30	1.079			-0.01	0.105	0.113
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Side	10mm	9	26140	1860	21.95	22.30	1.084			-0.17	0.098	0.106
166	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	9	26865	831.5	24.39	25.70	1.352			-0.06	0.384	0.519
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	9	26865	831.5	23.43	24.70	1.340			0.13	0.307	0.411
	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	9	26865	831.5	24.39	25.70	1.352			-0.1	0.297	0.402
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	9	26865	831.5	23.43	24.70	1.340			0.02	0.238	0.319



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	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Side	10mm	9	26865	831.5	24.39	25.70	1.352			0.04	0.375	0.507
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Side	10mm	9	26865	831.5	23.43	24.70	1.340			-0.01	0.300	0.402
	LTE Band 26_Ant 0	15M	QPSK	1	0	Bottom Side	10mm	9	26865	831.5	24.39	25.70	1.352			0.1	0.204	0.276
	LTE Band 26_Ant 0	15M	QPSK	36	0	Bottom Side	10mm	9	26865	831.5	23.43	24.70	1.340			-0.05	0.163	0.218
	LTE Band 5B_Ant 0	10M	QPSK	1	49	Front	10mm	9	20475+20574	831.5	23.74	24.50	1.191			0.14	0.314	0.374
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	9	26865	831.5	25.18	25.70	1.127			-0.01	0.211	0.238
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	9	26865	831.5	24.20	24.70	1.122			0.19	0.168	0.188
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	9	26865	831.5	25.18	25.70	1.127			-0.16	0.170	0.192
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	9	26865	831.5	24.20	24.70	1.122			0.09	0.135	0.151
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Side	10mm	9	26865	831.5	25.18	25.70	1.127			0.1	0.115	0.130
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Side	10mm	9	26865	831.5	24.20	24.70	1.122			0.13	0.091	0.102
	LTE Band 26_Ant 1	15M	QPSK	1	0	Top Side	10mm	9	26865	831.5	25.18	25.70	1.127			-0.02	0.067	0.076
	LTE Band 26_Ant 1	15M	QPSK	36	0	Top Side	10mm	9	26865	831.5	24.20	24.70	1.122			0.09	0.053	0.059
	LTE Band 5B_Ant 1	10M	QPSK	1	49	Front	10mm	9	20475+20574	831.5	23.60	24.50	1.230			0.06	0.138	0.170
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	9	27710	2310	16.91	17.40	1.119			-0.01	0.510	0.571
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	9	27710	2310	16.87	17.40	1.130			-0.09	0.496	0.560
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	9	27710	2310	16.91	17.40	1.119			-0.15	0.348	0.390
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	9	27710	2310	16.87	17.40	1.130			0.09	0.334	0.377
	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Side	10mm	9	27710	2310	16.91	17.40	1.119			-0.01	0.026	0.029
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Side	10mm	9	27710	2310	16.87	17.40	1.130			0.02	0.023	0.026
167	LTE Band 30_Ant 2	10M	QPSK	1	0	Bottom Side	10mm	9	27710	2310	16.91	17.40	1.119			0.01	0.727	0.814
	LTE Band 30_Ant 2	10M	QPSK	25	0	Bottom Side	10mm	9	27710	2310	16.87	17.40	1.130			-0.13	0.695	0.785
	LTE Band 30_Ant 2	10M	QPSK	50	0	Bottom Side	10mm	9	27710	2310	16.86	17.40	1.132			0.16	0.699	0.792
	LTE Band 30_Ant 1	10M	QPSK	1	0	Front	10mm	9	27710	2310	21.17	21.20	1.007			0.16	0.148	0.149
	LTE Band 30_Ant 1	10M	QPSK	25	0	Front	10mm	9	27710	2310	21.15	21.20	1.012			0.12	0.132	0.134
	LTE Band 30_Ant 1	10M	QPSK	1	0	Back	10mm	9	27710	2310	21.17	21.20	1.007			-0.06	0.246	0.248
	LTE Band 30_Ant 1	10M	QPSK	25	0	Back	10mm	9	27710	2310	21.15	21.20	1.012			-0.08	0.228	0.231
	LTE Band 30_Ant 1	10M	QPSK	1	0	Right Side	10mm	9	27710	2310	21.17	21.20	1.007			0.06	0.320	0.322
	LTE Band 30_Ant 1	10M	QPSK	25	0	Right Side	10mm	9	27710	2310	21.15	21.20	1.012			0.04	0.299	0.302
	LTE Band 30_Ant 1	10M	QPSK	1	0	Top Side	10mm	9	27710	2310	21.17	21.20	1.007			0.18	0.054	0.054
	LTE Band 30_Ant 1	10M	QPSK	25	0	Top Side	10mm	9	27710	2310	21.15	21.20	1.012			-0.14	0.047	0.048
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	9	132572	1770	19.05	19.20	1.035			-0.06	0.598	0.619
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	9	132572	1770	18.95	19.20	1.059			-0.06	0.577	0.611
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	9	132572	1770	19.05	19.20	1.035			0.11	0.422	0.437
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	9	132572	1770	18.95	19.20	1.059			-0.11	0.392	0.415
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Side	10mm	9	132572	1770	19.05	19.20	1.035			0.16	0.038	0.039
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Side	10mm	9	132572	1770	18.95	19.20	1.059			0.04	0.034	0.036
168	LTE Band 66_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	132572	1770	19.05	19.20	1.035			-0.02	0.688	0.712
	LTE Band 66_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	132572	1770	18.95	19.20	1.059			-0.06	0.640	0.678
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Bottom Side	10mm	9	132047+132140	1717.5	18.98	19.20	1.052			-0.19	0.655	0.689
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Bottom Side	10mm	9	132072+132270	1720	18.98	19.20	1.052			-0.15	0.642	0.675
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	9	132322	1745	16.22	16.90	1.169			0.18	0.186	0.218
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	9	132322	1745	16.18	16.90	1.180			0.09	0.183	0.216
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	9	132322	1745	16.22	16.90	1.169			-0.15	0.159	0.186
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	9	132322	1745	16.18	16.90	1.180			0.11	0.141	0.166
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	132322	1745	16.22	16.90	1.169			-0.06	0.285	0.333
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	132322	1745	16.18	16.90	1.180			0.11	0.273	0.322
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	132322	1745	16.22	16.90	1.169			-0.17	0.023	0.027
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	132322	1745	16.18	16.90	1.180			0.08	0.021	0.025
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Right Side	10mm	9	132047+132140	1717.5	16.05	16.90	1.216			0.09	0.245	0.298
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Right Side	10mm	9	132072+132270	1720	16.09	16.90	1.205			-0.15	0.234	0.282
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	9	132322	1745	19.20	19.40	1.047			-0.07	0.601	0.629
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	9	132322	1745	19.16	19.40	1.057			-0.14	0.584	0.617
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	9	132322	1745	19.20	19.40	1.047			0.09	0.364	0.381
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	9	132322	1745	19.16	19.40	1.057			0.17	0.345	0.365



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	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	132322	1745	19.20	19.40	1.047			-0.11	0.604	0.632
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	132322	1745	19.16	19.40	1.057			-0.04	0.588	0.621
	LTE Band 66_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	9	132322	1745	19.20	19.40	1.047			0.09	0.139	0.146
	LTE Band 66_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	9	132322	1745	19.16	19.40	1.057			0.16	0.131	0.138
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	9	132572	1770	20.96	21.60	1.159			0	0.351	0.407
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	9	132572	1770	20.95	21.60	1.161			0.11	0.337	0.391
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	9	132572	1770	20.96	21.60	1.159			0	0.119	0.138
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	9	132572	1770	20.95	21.60	1.161			-0.09	0.112	0.130
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Side	10mm	9	132572	1770	20.96	21.60	1.159			0.15	0.058	0.067
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Side	10mm	9	132572	1770	20.95	21.60	1.161			0.08	0.055	0.064
169	LTE Band 71_Ant 0	20M	QPSK	1	0	Front	10mm	9	133297	680.5	24.15	25.70	1.429			-0.11	0.354	0.506
	LTE Band 71_Ant 0	20M	QPSK	50	0	Front	10mm	9	133297	680.5	23.11	24.70	1.442			0.17	0.278	0.401
	LTE Band 71_Ant 0	20M	QPSK	1	0	Back	10mm	9	133297	680.5	24.15	25.70	1.429			0.04	0.258	0.369
	LTE Band 71_Ant 0	20M	QPSK	50	0	Back	10mm	9	133297	680.5	23.11	24.70	1.442			-0.08	0.203	0.293
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	133297	680.5	24.15	25.70	1.429			-0.18	0.250	0.357
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	133297	680.5	23.11	24.70	1.442			-0.15	0.196	0.283
	LTE Band 71_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	9	133297	680.5	24.15	25.70	1.429			0.12	0.165	0.236
	LTE Band 71_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	9	133297	680.5	23.11	24.70	1.442			-0.15	0.129	0.186
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	9	133297	680.5	25.05	25.70	1.161			-0.03	0.227	0.264
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	9	133297	680.5	24.07	24.70	1.156			-0.04	0.180	0.208
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	9	133297	680.5	25.05	25.70	1.161			0.19	0.169	0.196
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	9	133297	680.5	24.07	24.70	1.156			0.04	0.134	0.155
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	133297	680.5	25.05	25.70	1.161			-0.13	0.152	0.177
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	133297	680.5	24.07	24.70	1.156			0.02	0.121	0.140
	LTE Band 71_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	133297	680.5	25.05	25.70	1.161			0.16	0.113	0.131
	LTE Band 71_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	133297	680.5	24.07	24.70	1.156			-0.05	0.089	0.103
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	9	40620	2593	20.17	20.30	1.030	62.9	1.006	0.06	0.445	0.461
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	9	40620	2593	20.15	20.30	1.035	62.9	1.006	-0.14	0.440	0.458
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	9	40620	2593	20.17	20.30	1.030	62.9	1.006	-0.07	0.320	0.332
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	9	40620	2593	20.15	20.30	1.035	62.9	1.006	0.13	0.309	0.322
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	9	40620	2593	20.17	20.30	1.030	62.9	1.006	0.09	0.069	0.072
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	9	40620	2593	20.15	20.30	1.035	62.9	1.006	0.1	0.054	0.056
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	40620	2593	20.17	20.30	1.030	62.9	1.006	0.17	0.587	0.608
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	39750	2506	20.13	20.30	1.040	62.9	1.006	0.15	0.618	0.647
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	40185	2549.5	20.14	20.30	1.038	62.9	1.006	-0.02	0.496	0.518
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	41055	2636.5	20.13	20.30	1.040	62.9	1.006	-0.12	0.560	0.586
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	41490	2680	20.02	20.30	1.067	62.9	1.006	0	0.661	0.709
	LTE Band 41_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	9	40620	2593	20.15	20.30	1.035	62.9	1.006	0.08	0.534	0.556
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	37850+38048	2580	20.02	20.20	1.042	62.9	1.006	-0.07	0.541	0.567
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	40185+39987	2549.5	19.88	20.30	1.102	62.9	1.006	0.13	0.448	0.496
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	40620	2593	21.67	21.90	1.054	42.9	1.009	0.14	0.572	0.609
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	39750	2506	21.56	21.90	1.081	42.9	1.009	-0.09	0.564	0.615
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	40185	2549.5	21.64	21.90	1.062	42.9	1.009	-0.13	0.448	0.480
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	41055	2636.5	21.66	21.90	1.057	42.9	1.009	-0.19	0.515	0.549
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	9	41490	2680	21.48	21.90	1.102	42.9	1.009	0.15	0.594	0.660
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	9	40620	2593	20.08	20.80	1.180	62.9	1.006	0.1	0.215	0.255
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	9	40620	2593	20.06	20.80	1.186	62.9	1.006	0.11	0.146	0.174
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	9	40620	2593	20.08	20.80	1.180	62.9	1.006	-0.03	0.139	0.165
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	9	40620	2593	20.06	20.80	1.186	62.9	1.006	0.05	0.110	0.131
	LTE Band 41_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	40620	2593	20.08	20.80	1.180	62.9	1.006	-0.03	0.284	0.337
	LTE Band 41_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	40620	2593	20.06	20.80	1.186	62.9	1.006	-0.05	0.197	0.235
	LTE Band 41_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	40620	2593	20.08	20.80	1.180	62.9	1.006	-0.01	0.043	0.051
	LTE Band 41_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	40620	2593	20.06	20.80	1.186	62.9	1.006	0.06	0.040	0.048
	LTE Band 38C_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	37850+38048	2580	19.97	20.70	1.183	62.9	1.006	-0.03	0.231	0.275
	LTE Band 41C_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	40620+40422	2593	19.87	20.80	1.239	62.9	1.006	0.05	0.248	0.309



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	LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	40185	2549.5	21.59	22.40	1.205	42.9	1.009	-0.1	0.272	0.331
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	9	40185	2549.5	22.71	23.00	1.069	62.9	1.006	0.05	0.489	0.526
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	9	40185	2549.5	22.68	23.00	1.076	62.9	1.006	0.02	0.419	0.454
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	9	40185	2549.5	22.71	23.00	1.069	62.9	1.006	0.07	0.359	0.386
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	9	40185	2549.5	22.68	23.00	1.076	62.9	1.006	-0.06	0.320	0.347
170	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	40185	2549.5	22.71	23.00	1.069	62.9	1.006	-0.18	0.722	0.776
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	39750	2506	22.68	23.00	1.076	62.9	1.006	-0.06	0.650	0.704
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	40620	2593	22.65	23.00	1.084	62.9	1.006	-0.13	0.700	0.763
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	41055	2636.5	22.60	23.00	1.096	62.9	1.006	0.13	0.691	0.762
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	41490	2680	22.60	23.00	1.096	62.9	1.006	-0.04	0.639	0.705
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	40185	2549.5	22.68	23.00	1.076	62.9	1.006	-0.18	0.693	0.750
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	39750	2506	22.67	23.00	1.079	62.9	1.006	-0.08	0.621	0.674
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	40620	2593	22.65	23.00	1.084	62.9	1.006	-0.19	0.687	0.749
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	41055	2636.5	22.61	23.00	1.094	62.9	1.006	-0.15	0.677	0.745
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	9	41490	2680	22.59	23.00	1.099	62.9	1.006	-0.04	0.628	0.694
	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	9	40185	2549.5	22.71	23.00	1.069	62.9	1.006	-0.16	0.477	0.513
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	9	40185	2549.5	22.68	23.00	1.076	62.9	1.006	0.18	0.444	0.481
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Right Side	10mm	9	40185	2549.5	24.31	24.60	1.069	42.9	1.009	-0.17	0.661	0.713
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	10mm	9	40620	2593	22.88	23.50	1.153	62.9	1.006	0.03	0.359	0.417
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	9	40620	2593	22.83	23.50	1.167	62.9	1.006	0	0.352	0.413
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	10mm	9	40620	2593	22.88	23.50	1.153	62.9	1.006	-0.01	0.318	0.369
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	10mm	9	40620	2593	22.83	23.50	1.167	62.9	1.006	-0.08	0.313	0.367
	LTE Band 41_Ant 5	20M	QPSK	1	0	Right Side	10mm	9	40620	2593	22.88	23.50	1.153	62.9	1.006	0.09	0.118	0.137
	LTE Band 41_Ant 5	20M	QPSK	50	0	Right Side	10mm	9	40620	2593	22.83	23.50	1.167	62.9	1.006	-0.09	0.110	0.129
	LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Front	10mm	9	40620	2593	24.48	25.10	1.153	42.9	1.009	-0.13	0.329	0.383
171	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	9	55340	3560	22.28	22.30	1.005	62.9	1.006	0.03	0.462	0.467
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	9	55340	3560	22.08	22.30	1.052	62.9	1.006	-0.01	0.432	0.457
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	9	55340	3560	22.28	22.30	1.005	62.9	1.006	-0.17	0.361	0.365
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	9	55340	3560	22.08	22.30	1.052	62.9	1.006	-0.13	0.358	0.379
	LTE Band 48_Ant 6	20M	QPSK	1	0	Right Side	10mm	9	55340	3560	22.28	22.30	1.005	62.9	1.006	0.12	0.192	0.194
	LTE Band 48_Ant 6	20M	QPSK	50	0	Right Side	10mm	9	55340	3560	22.08	22.30	1.052	62.9	1.006	0.02	0.182	0.193
	LTE Band 48_Ant 6	20M	QPSK	1	0	Bottom Side	10mm	9	55340	3560	22.28	22.30	1.005	62.9	1.006	0.06	0.258	0.261
	LTE Band 48_Ant 6	20M	QPSK	50	0	Bottom Side	10mm	9	55340	3560	22.08	22.30	1.052	62.9	1.006	-0.17	0.244	0.258
	LTE Band 48_Ant 1	20M	QPSK	1	0	Front	10mm	9	56640	3690	20.30	21.30	1.259	62.9	1.006	-0.05	0.241	0.305
	LTE Band 48_Ant 1	20M	QPSK	50	0	Front	10mm	9	56640	3690	20.25	21.30	1.274	62.9	1.006	0.12	0.237	0.304
	LTE Band 48_Ant 1	20M	QPSK	1	0	Back	10mm	9	56640	3690	20.30	21.30	1.259	62.9	1.006	0.11	0.128	0.162
	LTE Band 48_Ant 1	20M	QPSK	50	0	Back	10mm	9	56640	3690	20.25	21.30	1.274	62.9	1.006	0.13	0.122	0.156
	LTE Band 48_Ant 1	20M	QPSK	1	0	Right Side	10mm	9	56640	3690	20.30	21.30	1.259	62.9	1.006	-0.08	0.254	0.322
	LTE Band 48_Ant 1	20M	QPSK	50	0	Right Side	10mm	9	56640	3690	20.25	21.30	1.274	62.9	1.006	0.18	0.247	0.316
	LTE Band 48_Ant 1	20M	QPSK	1	0	Top Side	10mm	9	56640	3690	20.30	21.30	1.259	62.9	1.006	0.07	0.151	0.191
	LTE Band 48_Ant 1	20M	QPSK	50	0	Top Side	10mm	9	56640	3690	20.25	21.30	1.274	62.9	1.006	-0.12	0.146	0.187



<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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_Ant 2	50M	BPSK	1	1	Front	10mm	9	507000	2535	18.87	18.90	1.007	0.06	0.411	0.414
	FR1 n7_Ant 2	50M	BPSK	135	68	Front	10mm	9	507000	2535	18.84	18.90	1.014	-0.18	0.394	0.399
	FR1 n7_Ant 2	50M	BPSK	1	1	Back	10mm	9	507000	2535	18.87	18.90	1.007	-0.03	0.309	0.311
	FR1 n7_Ant 2	50M	BPSK	135	68	Back	10mm	9	507000	2535	18.84	18.90	1.014	0.01	0.288	0.292
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Side	10mm	9	507000	2535	18.87	18.90	1.007	0.05	0.046	0.046
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Side	10mm	9	507000	2535	18.84	18.90	1.014	0.14	0.041	0.042
172	FR1 n7_Ant 2	50M	BPSK	1	1	Bottom Side	10mm	9	507000	2535	18.87	18.90	1.007	-0.02	0.820	0.826
	FR1 n7_Ant 2	50M	BPSK	135	68	Bottom Side	10mm	9	507000	2535	18.84	18.90	1.014	0.16	0.802	0.813
	FR1 n7_Ant 2	50M	BPSK	270	0	Bottom Side	10mm	9	507000	2535	18.80	18.90	1.023	0.04	0.789	0.807
	FR1 n7_Ant 1	50M	BPSK	1	1	Front	10mm	9	507000	2535	18.96	19.70	1.186	0.08	0.242	0.287
	FR1 n7_Ant 1	50M	BPSK	135	68	Front	10mm	9	507000	2535	18.89	19.70	1.205	0.13	0.229	0.276
	FR1 n7_Ant 1	50M	BPSK	1	1	Back	10mm	9	507000	2535	18.96	19.70	1.186	-0.06	0.201	0.238
	FR1 n7_Ant 1	50M	BPSK	135	68	Back	10mm	9	507000	2535	18.89	19.70	1.205	-0.05	0.191	0.230
	FR1 n7_Ant 1	50M	BPSK	1	1	Right Side	10mm	9	507000	2535	18.96	19.70	1.186	0.12	0.269	0.319
	FR1 n7_Ant 1	50M	BPSK	135	68	Right Side	10mm	9	507000	2535	18.89	19.70	1.205	-0.12	0.259	0.312
	FR1 n7_Ant 1	50M	BPSK	1	1	Top Side	10mm	9	507000	2535	18.96	19.70	1.186	-0.01	0.059	0.070
	FR1 n7_Ant 1	50M	BPSK	135	68	Top Side	10mm	9	507000	2535	18.89	19.70	1.205	0.06	0.053	0.064
173	FR1 n12_Ant 0	15M	BPSK	1	1	Front	10mm	9	141500	707.5	24.24	25.70	1.400	-0.03	0.373	0.522
	FR1 n12_Ant 0	15M	BPSK	36	22	Front	10mm	9	141500	707.5	24.17	25.70	1.422	0.16	0.345	0.491
	FR1 n12_Ant 0	15M	BPSK	1	1	Back	10mm	9	141500	707.5	24.24	25.70	1.400	0.06	0.288	0.403
	FR1 n12_Ant 0	15M	BPSK	36	22	Back	10mm	9	141500	707.5	24.17	25.70	1.422	0.15	0.251	0.357
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Side	10mm	9	141500	707.5	24.24	25.70	1.400	0.03	0.277	0.388
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Side	10mm	9	141500	707.5	24.17	25.70	1.422	0.1	0.248	0.353
	FR1 n12_Ant 0	15M	BPSK	1	1	Bottom Side	10mm	9	141500	707.5	24.24	25.70	1.400	-0.16	0.159	0.223
	FR1 n12_Ant 0	15M	BPSK	36	22	Bottom Side	10mm	9	141500	707.5	24.17	25.70	1.422	0.1	0.139	0.198
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	10mm	9	141500	707.5	23.96	25.70	1.493	-0.08	0.271	0.405
	FR1 n12_Ant 1	15M	BPSK	36	22	Front	10mm	9	141500	707.5	23.86	25.70	1.528	0.11	0.260	0.397
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	9	141500	707.5	23.96	25.70	1.493	0.16	0.266	0.397
	FR1 n12_Ant 1	15M	BPSK	36	22	Back	10mm	9	141500	707.5	23.86	25.70	1.528	0.06	0.251	0.383
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Side	10mm	9	141500	707.5	23.96	25.70	1.493	-0.07	0.133	0.199
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Side	10mm	9	141500	707.5	23.86	25.70	1.528	-0.08	0.122	0.186
	FR1 n12_Ant 1	15M	BPSK	1	1	Top Side	10mm	9	141500	707.5	23.96	25.70	1.493	-0.17	0.201	0.300
	FR1 n12_Ant 1	15M	BPSK	36	22	Top Side	10mm	9	141500	707.5	23.86	25.70	1.528	-0.08	0.187	0.286
174	FR1 n14_Ant 0	10M	BPSK	1	1	Front	10mm	9	158600	793	24.29	25.40	1.291	-0.03	0.487	0.629
	FR1 n14_Ant 0	10M	BPSK	25	14	Front	10mm	9	158600	793	24.25	25.40	1.303	0.19	0.466	0.607
	FR1 n14_Ant 0	10M	BPSK	1	1	Back	10mm	9	158600	793	24.29	25.40	1.291	0.18	0.367	0.474
	FR1 n14_Ant 0	10M	BPSK	25	14	Back	10mm	9	158600	793	24.25	25.40	1.303	0.09	0.354	0.461
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Side	10mm	9	158600	793	24.29	25.40	1.291	-0.18	0.320	0.413
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Side	10mm	9	158600	793	24.25	25.40	1.303	0.06	0.308	0.401
	FR1 n14_Ant 0	10M	BPSK	1	1	Bottom Side	10mm	9	158600	793	24.29	25.40	1.291	0.11	0.241	0.311
	FR1 n14_Ant 0	10M	BPSK	25	14	Bottom Side	10mm	9	158600	793	24.25	25.40	1.303	0.06	0.230	0.300
	FR1 n14_Ant 1	10M	BPSK	1	1	Front	10mm	9	158600	793	24.25	25.70	1.396	-0.08	0.265	0.370
	FR1 n14_Ant 1	10M	BPSK	25	14	Front	10mm	9	158600	793	24.08	25.70	1.452	0	0.251	0.364
	FR1 n14_Ant 1	10M	BPSK	1	1	Back	10mm	9	158600	793	24.25	25.70	1.396	0.18	0.209	0.292
	FR1 n14_Ant 1	10M	BPSK	25	14	Back	10mm	9	158600	793	24.08	25.70	1.452	-0.1	0.198	0.288
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Side	10mm	9	158600	793	24.25	25.70	1.396	-0.09	0.108	0.151
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Side	10mm	9	158600	793	24.08	25.70	1.452	-0.18	0.100	0.145
	FR1 n14_Ant 1	10M	BPSK	1	1	Top Side	10mm	9	158600	793	24.25	25.70	1.396	0.05	0.116	0.162
	FR1 n14_Ant 1	10M	BPSK	25	14	Top Side	10mm	9	158600	793	24.08	25.70	1.452	-0.05	0.111	0.161
	FR1 n25_Ant 2	40M	BPSK	1	1	Front	10mm	9	376500	1882.5	17.60	17.70	1.023	0.06	0.604	0.618



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	FR1 n25_Ant 2	40M	BPSK	108	54	Front	10mm	9	376500	1882.5	17.46	17.70	1.057	0.16	0.581	0.614
	FR1 n25_Ant 2	40M	BPSK	1	1	Back	10mm	9	376500	1882.5	17.60	17.70	1.023	0	0.546	0.559
	FR1 n25_Ant 2	40M	BPSK	108	54	Back	10mm	9	376500	1882.5	17.46	17.70	1.057	-0.16	0.418	0.442
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Side	10mm	9	376500	1882.5	17.60	17.70	1.023	-0.11	0.037	0.038
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Side	10mm	9	376500	1882.5	17.46	17.70	1.057	0.12	0.024	0.025
	FR1 n25_Ant 2	40M	BPSK	1	1	Bottom Side	10mm	9	376500	1882.5	17.60	17.70	1.023	0	0.654	0.669
	FR1 n25_Ant 2	40M	BPSK	108	54	Bottom Side	10mm	9	376500	1882.5	17.46	17.70	1.057	-0.1	0.609	0.644
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	10mm	9	376500	1882.5	16.13	16.60	1.114	0.02	0.249	0.277
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	10mm	9	376500	1882.5	16.06	16.60	1.132	0.15	0.241	0.273
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	9	376500	1882.5	16.13	16.60	1.114	0.11	0.228	0.254
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	9	376500	1882.5	16.06	16.60	1.132	-0.03	0.221	0.250
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Side	10mm	9	376500	1882.5	16.13	16.60	1.114	-0.01	0.290	0.323
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Side	10mm	9	376500	1882.5	16.06	16.60	1.132	-0.11	0.274	0.310
	FR1 n25_Ant 1	40M	BPSK	1	1	Top Side	10mm	9	376500	1882.5	16.13	16.60	1.114	0.07	0.059	0.066
	FR1 n25_Ant 1	40M	BPSK	108	54	Top Side	10mm	9	376500	1882.5	16.06	16.60	1.132	0.18	0.051	0.058
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	9	376500	1882.5	19.68	20.00	1.076	0.19	0.578	0.622
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	9	376500	1882.5	19.65	20.00	1.084	0.08	0.556	0.603
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	9	376500	1882.5	19.68	20.00	1.076	0.05	0.387	0.417
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	9	376500	1882.5	19.65	20.00	1.084	0.15	0.369	0.400
175	FR1 n25_Ant 0	40M	BPSK	1	1	Right Side	10mm	9	376500	1882.5	19.68	20.00	1.076	-0.01	0.622	0.670
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Side	10mm	9	376500	1882.5	19.65	20.00	1.084	0	0.609	0.660
	FR1 n25_Ant 0	40M	BPSK	1	1	Bottom Side	10mm	9	376500	1882.5	19.68	20.00	1.076	-0.01	0.130	0.140
	FR1 n25_Ant 0	40M	BPSK	108	54	Bottom Side	10mm	9	376500	1882.5	19.65	20.00	1.084	0.13	0.113	0.122
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	9	376500	1882.5	21.91	22.40	1.119	0.07	0.362	0.405
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	9	376500	1882.5	21.89	22.40	1.124	0.07	0.351	0.394
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	9	376500	1882.5	21.91	22.40	1.119	0.01	0.213	0.238
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	9	376500	1882.5	21.89	22.40	1.124	-0.09	0.201	0.226
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Side	10mm	9	376500	1882.5	21.91	22.40	1.119	-0.17	0.107	0.120
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Side	10mm	9	376500	1882.5	21.89	22.40	1.124	0.07	0.098	0.110
	FR1 n26_Ant 0	20M	BPSK	1	1	Front	10mm	9	166300	831.5	24.43	25.70	1.340	-0.01	0.251	0.336
	FR1 n26_Ant 0	20M	BPSK	50	28	Front	10mm	9	166300	831.5	24.33	25.70	1.371	0.03	0.239	0.328
	FR1 n26_Ant 0	20M	BPSK	1	1	Back	10mm	9	166300	831.5	24.43	25.70	1.340	-0.08	0.181	0.242
	FR1 n26_Ant 0	20M	BPSK	50	28	Back	10mm	9	166300	831.5	24.33	25.70	1.371	0.17	0.172	0.236
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Side	10mm	9	166300	831.5	24.43	25.70	1.340	0.08	0.245	0.328
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Side	10mm	9	166300	831.5	24.33	25.70	1.371	-0.08	0.233	0.319
	FR1 n26_Ant 0	20M	BPSK	1	1	Bottom Side	10mm	9	166300	831.5	24.43	25.70	1.340	0.04	0.108	0.145
	FR1 n26_Ant 0	20M	BPSK	50	28	Bottom Side	10mm	9	166300	831.5	24.33	25.70	1.371	-0.01	0.100	0.137
176	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	9	166300	831.5	24.26	25.70	1.393	-0.1	0.263	0.366
	FR1 n26_Ant 1	20M	BPSK	50	28	Front	10mm	9	166300	831.5	24.10	25.70	1.445	0.01	0.251	0.363
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	9	166300	831.5	24.26	25.70	1.393	-0.1	0.238	0.332
	FR1 n26_Ant 1	20M	BPSK	50	28	Back	10mm	9	166300	831.5	24.10	25.70	1.445	0.05	0.218	0.315
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Side	10mm	9	166300	831.5	24.26	25.70	1.393	0.12	0.190	0.265
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Side	10mm	9	166300	831.5	24.10	25.70	1.445	-0.19	0.174	0.252
	FR1 n26_Ant 1	20M	BPSK	1	1	Top Side	10mm	9	166300	831.5	24.26	25.70	1.393	0	0.116	0.162
	FR1 n26_Ant 1	20M	BPSK	50	28	Top Side	10mm	9	166300	831.5	24.10	25.70	1.445	-0.04	0.099	0.143
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	9	462000	2310	17.26	17.40	1.033	0.1	0.511	0.528
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	9	462000	2310	17.22	17.40	1.042	-0.01	0.499	0.520
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	9	462000	2310	17.26	17.40	1.033	-0.19	0.346	0.357
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	9	462000	2310	17.22	17.40	1.042	-0.19	0.325	0.339
	FR1 n30_Ant 2	10M	BPSK	1	1	Right Side	10mm	9	462000	2310	17.26	17.40	1.033	-0.03	0.027	0.028
	FR1 n30_Ant 2	10M	BPSK	25	14	Right Side	10mm	9	462000	2310	17.22	17.40	1.042	0.07	0.021	0.022
177	FR1 n30_Ant 2	10M	BPSK	1	1	Bottom Side	10mm	9	462000	2310	17.26	17.40	1.033	0.02	0.804	0.830
	FR1 n30_Ant 2	10M	BPSK	25	14	Bottom Side	10mm	9	462000	2310	17.22	17.40	1.042	0.05	0.762	0.794
	FR1 n30_Ant 2	10M	BPSK	50	0	Bottom Side	10mm	9	462000	2310	17.18	17.40	1.052	0.15	0.754	0.793
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	10mm	9	462000	2310	20.32	20.80	1.117	-0.09	0.332	0.371



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	FR1 n30_Ant 1	10M	BPSK	25	14	Front	10mm	9	462000	2310	20.26	20.80	1.132	0.09	0.322	0.365
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	10mm	9	462000	2310	20.32	20.80	1.117	-0.01	0.288	0.322
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	10mm	9	462000	2310	20.26	20.80	1.132	0.06	0.276	0.313
	FR1 n30_Ant 1	10M	BPSK	1	1	Right Side	10mm	9	462000	2310	20.32	20.80	1.117	-0.04	0.298	0.333
	FR1 n30_Ant 1	10M	BPSK	25	14	Right Side	10mm	9	462000	2310	20.26	20.80	1.132	-0.07	0.287	0.325
	FR1 n30_Ant 1	10M	BPSK	1	1	Top Side	10mm	9	462000	2310	20.32	20.80	1.117	-0.14	0.046	0.051
	FR1 n30_Ant 1	10M	BPSK	25	14	Top Side	10mm	9	462000	2310	20.26	20.80	1.132	0.05	0.044	0.050
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	9	349000	1745	18.90	19.50	1.148	0	0.541	0.621
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	9	349000	1745	18.88	19.50	1.153	-0.19	0.515	0.594
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	9	349000	1745	18.90	19.50	1.148	0.06	0.298	0.342
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	9	349000	1745	18.88	19.50	1.153	0.13	0.282	0.325
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Side	10mm	9	349000	1745	18.90	19.50	1.148	-0.04	0.044	0.051
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Side	10mm	9	349000	1745	18.88	19.50	1.153	0	0.037	0.043
178	FR1 n66_Ant 2	40M	BPSK	1	1	Bottom Side	10mm	9	349000	1745	18.90	19.50	1.148	0.01	0.621	0.713
	FR1 n66_Ant 2	40M	BPSK	108	54	Bottom Side	10mm	9	349000	1745	18.88	19.50	1.153	0.05	0.602	0.694
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	9	349000	1745	16.89	17.50	1.151	-0.17	0.231	0.266
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	9	349000	1745	16.78	17.50	1.180	0.01	0.225	0.266
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	9	349000	1745	16.89	17.50	1.151	-0.16	0.218	0.251
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	9	349000	1745	16.78	17.50	1.180	0.08	0.212	0.250
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Side	10mm	9	349000	1745	16.89	17.50	1.151	0.03	0.295	0.339
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Side	10mm	9	349000	1745	16.78	17.50	1.180	0.16	0.286	0.338
	FR1 n66_Ant 1	40M	BPSK	1	1	Top Side	10mm	9	349000	1745	16.89	17.50	1.151	0	0.033	0.038
	FR1 n66_Ant 1	40M	BPSK	108	54	Top Side	10mm	9	349000	1745	16.78	17.50	1.180	-0.17	0.029	0.034
	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	9	349000	1745	19.66	20.00	1.081	-0.03	0.577	0.624
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	9	349000	1745	19.56	20.00	1.107	-0.02	0.557	0.616
	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	9	349000	1745	19.66	20.00	1.081	-0.14	0.394	0.426
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	9	349000	1745	19.56	20.00	1.107	0.09	0.374	0.414
	FR1 n66_Ant 0	40M	BPSK	1	1	Right Side	10mm	9	349000	1745	19.66	20.00	1.081	-0.01	0.580	0.627
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Side	10mm	9	349000	1745	19.56	20.00	1.107	-0.13	0.558	0.617
	FR1 n66_Ant 0	40M	BPSK	1	1	Bottom Side	10mm	9	349000	1745	19.66	20.00	1.081	-0.01	0.150	0.162
	FR1 n66_Ant 0	40M	BPSK	108	54	Bottom Side	10mm	9	349000	1745	19.56	20.00	1.107	-0.02	0.142	0.157
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	9	349000	1745	22.20	22.70	1.122	-0.01	0.364	0.408
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	9	349000	1745	22.10	22.70	1.148	-0.05	0.346	0.397
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	9	349000	1745	22.20	22.70	1.122	0	0.188	0.211
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	9	349000	1745	22.10	22.70	1.148	-0.03	0.163	0.187
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Side	10mm	9	349000	1745	22.20	22.70	1.122	0.15	0.086	0.096
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Side	10mm	9	349000	1745	22.10	22.70	1.148	-0.07	0.074	0.085
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	9	340500	1702.5	18.94	19.20	1.062	0.01	0.585	0.621
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	9	340500	1702.5	18.84	19.20	1.086	-0.17	0.562	0.611
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	9	340500	1702.5	18.94	19.20	1.062	-0.09	0.401	0.426
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	9	340500	1702.5	18.84	19.20	1.086	-0.05	0.387	0.420
	FR1 n70_Ant 2	15M	BPSK	1	1	Right Side	10mm	9	340500	1702.5	18.94	19.20	1.062	-0.06	0.053	0.056
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Side	10mm	9	340500	1702.5	18.84	19.20	1.086	0.18	0.041	0.045
179	FR1 n70_Ant 2	15M	BPSK	1	1	Bottom Side	10mm	9	340500	1702.5	18.94	19.20	1.062	0.01	0.639	0.678
	FR1 n70_Ant 2	15M	BPSK	36	22	Bottom Side	10mm	9	340500	1702.5	18.84	19.20	1.086	-0.08	0.617	0.670
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	10mm	9	340500	1702.5	18.89	19.70	1.205	-0.17	0.252	0.304
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	10mm	9	340500	1702.5	18.81	19.70	1.227	-0.11	0.245	0.301
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	10mm	9	340500	1702.5	18.89	19.70	1.205	-0.04	0.212	0.255
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	10mm	9	340500	1702.5	18.81	19.70	1.227	-0.01	0.206	0.253
	FR1 n70_Ant 1	15M	BPSK	1	1	Right Side	10mm	9	340500	1702.5	18.89	19.70	1.205	0.01	0.270	0.325
	FR1 n70_Ant 1	15M	BPSK	36	22	Right Side	10mm	9	340500	1702.5	18.81	19.70	1.227	0.17	0.260	0.319
	FR1 n70_Ant 1	15M	BPSK	1	1	Top Side	10mm	9	340500	1702.5	18.89	19.70	1.205	-0.01	0.073	0.088
	FR1 n70_Ant 1	15M	BPSK	36	22	Top Side	10mm	9	340500	1702.5	18.81	19.70	1.227	-0.05	0.068	0.083
180	FR1 n71_Ant 0	20M	BPSK	1	1	Front	10mm	9	136100	680.5	24.12	25.70	1.439	-0.02	0.361	0.519
	FR1 n71_Ant 0	20M	BPSK	50	28	Front	10mm	9	136100	680.5	23.95	25.70	1.496	0.14	0.333	0.498



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	FR1 n71_Ant 0	20M	BPSK	1	1	Back	10mm	9	136100	680.5	24.12	25.70	1.439	0.14	0.269	0.387
	FR1 n71_Ant 0	20M	BPSK	50	28	Back	10mm	9	136100	680.5	23.95	25.70	1.496	0.14	0.241	0.361
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Side	10mm	9	136100	680.5	24.12	25.70	1.439	0.14	0.326	0.469
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Side	10mm	9	136100	680.5	23.95	25.70	1.496	0.14	0.308	0.461
	FR1 n71_Ant 0	20M	BPSK	1	1	Bottom Side	10mm	9	136100	680.5	24.12	25.70	1.439	0.14	0.150	0.216
	FR1 n71_Ant 0	20M	BPSK	50	28	Bottom Side	10mm	9	136100	680.5	23.95	25.70	1.496	0.14	0.128	0.192
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	9	136100	680.5	24.04	25.70	1.466	0.03	0.284	0.416
	FR1 n71_Ant 1	20M	BPSK	50	28	Front	10mm	9	136100	680.5	23.93	25.70	1.503	0.14	0.251	0.377
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	9	136100	680.5	24.04	25.70	1.466	0.14	0.246	0.361
	FR1 n71_Ant 1	20M	BPSK	50	28	Back	10mm	9	136100	680.5	23.93	25.70	1.503	0.14	0.222	0.334
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Side	10mm	9	136100	680.5	24.04	25.70	1.466	0.14	0.245	0.359
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Side	10mm	9	136100	680.5	23.93	25.70	1.503	0.14	0.218	0.328
	FR1 n71_Ant 1	20M	BPSK	1	1	Top Side	10mm	9	136100	680.5	24.04	25.70	1.466	0.14	0.227	0.333
	FR1 n71_Ant 1	20M	BPSK	50	28	Top Side	10mm	9	136100	680.5	23.93	25.70	1.503	0.14	0.206	0.310
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.09	0.376	0.419
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.11	0.365	0.407
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.07	0.249	0.277
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.06	0.242	0.270
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.07	0.055	0.061
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Side	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.16	0.052	0.058
181	FR1 n41_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.01	0.730	0.813
	FR1 n41_Ant 2	100M	BPSK	135	69	Bottom Side	10mm	9	518598	2592.99	18.33	18.80	1.114	-0.02	0.721	0.803
	FR1 n41_Ant 2	100M	BPSK	270	0	Bottom Side	10mm	9	518598	2592.99	18.16	18.80	1.159	-0.05	0.683	0.791
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	518598	2592.99	21.32	21.80	1.117	-0.01	0.711	0.794
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	9	518598	2592.99	18.34	18.60	1.062	-0.16	0.305	0.324
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	9	518598	2592.99	18.22	18.60	1.091	0.07	0.298	0.325
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	9	518598	2592.99	18.34	18.60	1.062	-0.02	0.237	0.252
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	9	518598	2592.99	18.22	18.60	1.091	-0.03	0.234	0.255
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	18.34	18.60	1.062	-0.01	0.311	0.330
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Side	10mm	9	518598	2592.99	18.22	18.60	1.091	0.06	0.288	0.314
	FR1 n41_Ant 1	100M	BPSK	1	1	Top Side	10mm	9	518598	2592.99	18.34	18.60	1.062	-0.19	0.057	0.061
	FR1 n41_Ant 1	100M	BPSK	135	69	Top Side	10mm	9	518598	2592.99	18.22	18.60	1.091	0.04	0.051	0.056
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	21.34	21.60	1.062	0.02	0.305	0.324
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	9	518598	2592.99	20.84	21.10	1.062	0	0.587	0.623
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	9	518598	2592.99	20.80	21.10	1.072	0.19	0.539	0.578
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	9	518598	2592.99	20.84	21.10	1.062	0.07	0.376	0.399
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	9	518598	2592.99	20.80	21.10	1.072	0.04	0.364	0.390
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	20.84	21.10	1.062	0.02	0.697	0.740
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Side	10mm	9	518598	2592.99	20.80	21.10	1.072	-0.15	0.648	0.694
	FR1 n41_Ant 0	100M	BPSK	1	1	Bottom Side	10mm	9	518598	2592.99	20.84	21.10	1.062	0.07	0.051	0.054
	FR1 n41_Ant 0	100M	BPSK	135	69	Bottom Side	10mm	9	518598	2592.99	20.80	21.10	1.072	-0.03	0.046	0.049
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	23.94	24.10	1.038	-0.01	0.698	0.724
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	9	518598	2592.99	22.68	22.80	1.028	0	0.338	0.347
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	9	518598	2592.99	22.62	22.80	1.042	0.11	0.307	0.320
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	9	518598	2592.99	22.68	22.80	1.028	0.04	0.305	0.314
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	9	518598	2592.99	22.62	22.80	1.042	-0.16	0.267	0.278
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Side	10mm	9	518598	2592.99	22.68	22.80	1.028	0.13	0.113	0.116
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Side	10mm	9	518598	2592.99	22.62	22.80	1.042	-0.05	0.095	0.099
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	9	518598	2592.99	24.99	25.80	1.205	0	0.272	0.328
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	9	641666	3624.99	19.68	20.10	1.102	-0.04	0.438	0.482
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	9	641666	3624.99	19.66	20.10	1.107	0.16	0.425	0.470
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	9	641666	3624.99	19.68	20.10	1.102	-0.14	0.369	0.406
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	9	641666	3624.99	19.66	20.10	1.107	0.07	0.356	0.394
	FR1 n48_Ant 6	40M	BPSK	1	1	Right Side	10mm	9	641666	3624.99	19.68	20.10	1.102	-0.14	0.186	0.205
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Side	10mm	9	641666	3624.99	19.66	20.10	1.107	-0.1	0.169	0.187



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	FR1 n48_Ant 6	40M	BPSK	1	1	Bottom Side	10mm	9	641666	3624.99	19.68	20.10	1.102	0.15	0.149	0.164
	FR1 n48_Ant 6	40M	BPSK	50	25	Bottom Side	10mm	9	641666	3624.99	19.66	20.10	1.107	0.16	0.134	0.148
	FR1 n48_Ant 1	40M	BPSK	1	1	Front	10mm	9	641666	3624.99	19.45	19.70	1.059	0.02	0.207	0.219
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	9	641666	3624.99	19.44	19.70	1.062	-0.11	0.201	0.213
	FR1 n48_Ant 1	40M	BPSK	1	1	Back	10mm	9	641666	3624.99	19.45	19.70	1.059	-0.01	0.160	0.169
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	9	641666	3624.99	19.44	19.70	1.062	-0.15	0.148	0.157
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Side	10mm	9	641666	3624.99	19.45	19.70	1.059	-0.02	0.308	0.326
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Side	10mm	9	641666	3624.99	19.44	19.70	1.062	0.18	0.293	0.311
	FR1 n48_Ant 1	40M	BPSK	1	1	Top Side	10mm	9	641666	3624.99	19.45	19.70	1.059	0.1	0.291	0.308
	FR1 n48_Ant 1	40M	BPSK	50	25	Top Side	10mm	9	641666	3624.99	19.44	19.70	1.062	-0.13	0.278	0.295
	FR1 n48_Ant 2	40M	BPSK	1	1	Front	10mm	9	641666	3624.99	20.23	21.10	1.222	-0.13	0.405	0.495
	FR1 n48_Ant 2	40M	BPSK	50	28	Front	10mm	9	641666	3624.99	20.21	21.10	1.227	-0.02	0.384	0.471
	FR1 n48_Ant 2	40M	BPSK	1	1	Back	10mm	9	641666	3624.99	20.23	21.10	1.222	-0.03	0.350	0.428
	FR1 n48_Ant 2	40M	BPSK	50	28	Back	10mm	9	641666	3624.99	20.21	21.10	1.227	0.09	0.336	0.412
	FR1 n48_Ant 2	40M	BPSK	1	1	Right Side	10mm	9	641666	3624.99	20.23	21.10	1.222	-0.04	0.139	0.170
	FR1 n48_Ant 2	40M	BPSK	50	28	Right Side	10mm	9	641666	3624.99	20.21	21.10	1.227	-0.02	0.128	0.157
182	FR1 n48_Ant 2	40M	BPSK	1	1	Bottom Side	10mm	9	641666	3624.99	20.23	21.10	1.222	-0.02	0.674	0.823
	FR1 n48_Ant 2	40M	BPSK	50	28	Bottom Side	10mm	9	641666	3624.99	20.21	21.10	1.227	-0.14	0.648	0.795
	FR1 n48_Ant 2	40M	BPSK	100	0	Bottom Side	10mm	9	641666	3624.99	20.06	21.10	1.271	0.11	0.616	0.783
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	9	641666	3624.99	22.72	23.50	1.197	0.09	0.258	0.309
	FR1 n48_Ant 5	40M	BPSK	50	28	Front	10mm	9	641666	3624.99	22.64	23.50	1.219	0.11	0.231	0.282
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	9	641666	3624.99	22.72	23.50	1.197	-0.05	0.352	0.421
	FR1 n48_Ant 5	40M	BPSK	50	28	Back	10mm	9	641666	3624.99	22.64	23.50	1.219	-0.03	0.334	0.407
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Side	10mm	9	641666	3624.99	22.72	23.50	1.197	-0.07	0.182	0.218
	FR1 n48_Ant 5	40M	BPSK	50	28	Right Side	10mm	9	641666	3624.99	22.64	23.50	1.219	-0.01	0.165	0.201
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	9	656000	3840	19.71	20.00	1.069	0.13	0.339	0.362
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	9	656000	3840	19.63	20.00	1.089	0.05	0.319	0.347
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	9	656000	3840	19.71	20.00	1.069	0.04	0.405	0.433
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	9	656000	3840	19.63	20.00	1.089	-0.04	0.393	0.428
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Side	10mm	9	656000	3840	19.71	20.00	1.069	-0.19	0.124	0.133
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Side	10mm	9	656000	3840	19.63	20.00	1.089	0.03	0.104	0.113
	FR1 n77_Ant 6	100M	BPSK	1	1	Bottom Side	10mm	9	656000	3840	19.71	20.00	1.069	-0.03	0.231	0.247
	FR1 n77_Ant 6	100M	BPSK	135	69	Bottom Side	10mm	9	656000	3840	19.63	20.00	1.089	0.12	0.219	0.238
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	9	656000	3840	22.69	23.00	1.074	-0.01	0.397	0.426
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	9	633332	3499.98	19.91	20.00	1.021	0.12	0.468	0.478
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	9	633332	3499.98	19.85	20.00	1.035	0.1	0.445	0.461
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	19.91	20.00	1.021	-0.16	0.519	0.530
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	9	633332	3499.98	19.85	20.00	1.035	-0.13	0.498	0.516
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Side	10mm	9	633332	3499.98	19.91	20.00	1.021	0.11	0.146	0.149
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Side	10mm	9	633332	3499.98	19.85	20.00	1.035	0.12	0.136	0.141
	FR1 n77_Ant 6	100M	BPSK	1	1	Bottom Side	10mm	9	633332	3499.98	19.91	20.00	1.021	-0.17	0.266	0.272
	FR1 n77_Ant 6	100M	BPSK	135	69	Bottom Side	10mm	9	633332	3499.98	19.85	20.00	1.035	0.08	0.243	0.252
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	22.98	23.00	1.005	-0.09	0.496	0.498
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	9	656000	3840	18.42	19.30	1.225	-0.05	0.194	0.238
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	9	656000	3840	18.27	19.30	1.268	-0.15	0.186	0.236
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	9	656000	3840	18.42	19.30	1.225	0.18	0.210	0.257
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	9	656000	3840	18.27	19.30	1.268	0.02	0.195	0.247
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Side	10mm	9	656000	3840	18.42	19.30	1.225	0.18	0.227	0.278
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	10mm	9	656000	3840	18.27	19.30	1.268	-0.14	0.219	0.278
	FR1 n77_Ant 1	100M	BPSK	1	1	Top Side	10mm	9	656000	3840	18.42	19.30	1.225	-0.06	0.337	0.413
	FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	10mm	9	656000	3840	18.27	19.30	1.268	-0.04	0.323	0.409
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Top Side	10mm	9	656000	3840	21.53	22.30	1.194	-0.03	0.334	0.399
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	9	633332	3499.98	18.44	19.30	1.219	0.12	0.144	0.176
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	9	633332	3499.98	18.39	19.30	1.233	-0.01	0.137	0.169
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	18.44	19.30	1.219	0.08	0.173	0.211



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	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	9	633332	3499.98	18.39	19.30	1.233	0.18	0.164	0.202
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Side	10mm	9	633332	3499.98	18.44	19.30	1.219	0	0.291	0.355
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	10mm	9	633332	3499.98	18.39	19.30	1.233	-0.17	0.280	0.345
	FR1 n77_Ant 1	100M	BPSK	1	1	Top Side	10mm	9	633332	3499.98	18.44	19.30	1.219	-0.1	0.211	0.257
	FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	10mm	9	633332	3499.98	18.39	19.30	1.233	0.07	0.242	0.298
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Right Side	10mm	9	633332	3499.98	21.39	22.30	1.233	0.01	0.278	0.343
	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	9	656000	3840	20.24	20.30	1.014	0.06	0.558	0.566
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	9	656000	3840	20.14	20.30	1.038	0.07	0.522	0.542
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	9	656000	3840	20.24	20.30	1.014	-0.19	0.462	0.468
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	9	656000	3840	20.14	20.30	1.038	-0.16	0.444	0.461
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Side	10mm	9	656000	3840	20.24	20.30	1.014	-0.11	0.163	0.165
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Side	10mm	9	656000	3840	20.14	20.30	1.038	0.1	0.144	0.149
	FR1 n77_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	656000	3840	20.24	20.30	1.014	-0.05	0.802	0.813
	FR1 n77_Ant 2	100M	BPSK	135	69	Bottom Side	10mm	9	656000	3840	20.14	20.30	1.038	0.1	0.772	0.801
	FR1 n77_Ant 2	100M	BPSK	270	0	Bottom Side	10mm	9	656000	3840	20.14	20.30	1.038	-0.16	0.765	0.794
183	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	656000	3840	23.22	23.30	1.019	-0.02	0.806	0.821
	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	9	633332	3499.98	20.16	20.30	1.033	0.16	0.488	0.504
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	9	633332	3499.98	20.10	20.30	1.047	-0.12	0.458	0.480
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	20.16	20.30	1.033	-0.07	0.436	0.450
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	9	633332	3499.98	20.10	20.30	1.047	0.14	0.415	0.435
	FR1 n77_Ant 2	100M	BPSK	1	1	Right Side	10mm	9	633332	3499.98	20.16	20.30	1.033	-0.05	0.138	0.143
	FR1 n77_Ant 2	100M	BPSK	135	69	Right Side	10mm	9	633332	3499.98	20.10	20.30	1.047	0.18	0.124	0.130
	FR1 n77_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	633332	3499.98	20.16	20.30	1.033	-0.03	0.662	0.684
	FR1 n77_Ant 2	100M	BPSK	135	69	Bottom Side	10mm	9	633332	3499.98	20.10	20.30	1.047	0.13	0.642	0.672
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	9	633332	3499.98	23.30	23.30	1.000	-0.08	0.648	0.648
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	9	656000	3840	21.85	22.10	1.059	-0.19	0.206	0.218
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	9	656000	3840	21.75	22.10	1.084	0.13	0.194	0.210
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	9	656000	3840	21.85	22.10	1.059	0.08	0.250	0.265
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	9	656000	3840	21.75	22.10	1.084	-0.07	0.232	0.251
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Side	10mm	9	656000	3840	21.85	22.10	1.059	0.14	0.125	0.132
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	10mm	9	656000	3840	21.75	22.10	1.084	-0.08	0.113	0.122
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	9	656000	3840	24.89	25.10	1.050	-0.02	0.243	0.255
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	9	633332	3499.98	21.84	22.10	1.062	-0.15	0.380	0.403
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	9	633332	3499.98	21.80	22.10	1.072	0.02	0.358	0.384
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	21.84	22.10	1.062	0.03	0.403	0.428
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	9	633332	3499.98	21.80	22.10	1.072	-0.09	0.384	0.411
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Side	10mm	9	633332	3499.98	21.84	22.10	1.062	-0.08	0.101	0.107
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	10mm	9	633332	3499.98	21.80	22.10	1.072	-0.06	0.092	0.099
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	9	633332	3499.98	24.96	25.10	1.033	0	0.404	0.417

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	0.15	0.492	0.509
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	0.14	0.338	0.350
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	0.07	0.605	0.626
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	-0.05	0.149	0.154
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	0.17	0.255	0.325
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	0.14	0.179	0.228
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	-0.12	0.359	0.457
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	-0.05	0.101	0.129
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	0.02	0.142	0.154
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	-0.14	0.103	0.112
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	0.02	0.185	0.201
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	0.03	0.049	0.053
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	0.16	1.010	1.022
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	1	2412	21.65	22.50	1.216	100	1.000	0.19	0.666	0.810
184	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	11	2462	22.95	23.00	1.012	100	1.000	-0.08	1.120	1.133
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	12	2467	21.45	21.50	1.012	100	1.000	0.12	0.704	0.712
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	13	2472	16.35	16.50	1.035	100	1.000	0.19	0.192	0.199
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	-0.15	0.591	0.598
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	-0.1	0.066	0.067
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	0.11	0.632	0.639
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	-0.14	0.566	0.586
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	-0.01	0.330	0.342
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	-0.19	0.037	0.038
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	0.07	0.353	0.365
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	-0.05	0.284	0.287
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	0.12	0.155	0.157
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	-0.13	0.014	0.014
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	0.17	0.172	0.174
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	0.06	0.265	0.281
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	0.06	0.889	0.920
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	1	2412	18.65	19.50	1.216	100	1.000	-0.11	0.111	0.135
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	1	2412	19.25	19.50	1.059	100	1.000	0.18	0.371	0.393
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	11	2462	17.95	19.00	1.274	100	1.000	-0.07	0.116	0.148
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	11	2462	18.85	19.00	1.035	100	1.000	-0.05	0.389	0.403
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	12	2467	15.85	16.50	1.161	100	1.000	0.05	0.070	0.081
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	12	2467	16.45	16.50	1.012	100	1.000	-0.17	0.235	0.238
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	13	2472	10.05	11.00	1.245	100	1.000	0.03	0.018	0.022
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	13	2472	10.75	11.00	1.059	100	1.000	0.02	0.060	0.064
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	-0.08	0.153	0.162
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	-0.15	0.514	0.532
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	-0.1	0.366	0.388
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	0.11	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	0.17	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	-0.04	0.573	0.593
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	-0.17	0.168	0.251
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	-0.09	0.563	0.761
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	-0.1	0.097	0.145
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	0.12	0.326	0.441
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	0.14	0.232	0.347
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	-0.17	0.052	0.070



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	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	0.11	0.108	0.162
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	0.13	0.363	0.491
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	0	0.105	0.129
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	0	0.355	0.359
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	-0.05	0.058	0.071
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	0.13	0.201	0.203
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	0.06	0.142	0.175
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	0.06	0.030	0.030
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	-0.15	0.063	0.078
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	-0.15	0.233	0.236
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	8-1	46	5230	19.87	20.00	1.030	99.13	1.009	-0.14	0.175	0.182
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	8-1	46	5230	19.77	20.00	1.054	99.13	1.009	-0.04	0.543	0.578
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	8-1	38	5190	13.77	14.00	1.054	99.13	1.009	-0.07	0.053	0.056
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	8-1	38	5190	13.57	14.00	1.104	99.13	1.009	-0.13	0.164	0.183
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	8-1	46	5230	19.87	20.00	1.030	99.13	1.009	0	0.077	0.080
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	8-1	46	5230	19.77	20.00	1.054	99.13	1.009	-0.05	0.238	0.253
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(3)	8-1	46	5230	19.87	20.00	1.030	99.13	1.009	0.19	0.188	0.195
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(4)	8-1	46	5230	19.77	20.00	1.054	99.13	1.009	0.14	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(3)	8-1	46	5230	19.87	20.00	1.030	99.13	1.009	-0.15	0.001	0.001
185	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(4)	8-1	46	5230	19.77	20.00	1.054	99.13	1.009	-0.08	0.623	0.663
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	9-1	46	5230	16.35	17.50	1.303	99.13	1.009	0	0.080	0.105
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	9-1	46	5230	16.97	17.50	1.130	99.13	1.009	-0.12	0.271	0.309
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	9-1	46	5230	16.35	17.50	1.303	99.13	1.009	0.11	0.032	0.042
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	9-1	46	5230	16.97	17.50	1.130	99.13	1.009	0.12	0.122	0.139
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(3)	9-1	46	5230	16.35	17.50	1.303	99.13	1.009	-0.06	0.081	0.107
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(4)	9-1	46	5230	16.97	17.50	1.130	99.13	1.009	-0.06	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(3)	9-1	46	5230	16.35	17.50	1.303	99.13	1.009	0.12	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(4)	9-1	46	5230	16.97	17.50	1.130	99.13	1.009	0.12	0.314	0.358
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.04	0.124	0.161
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	-0.09	0.386	0.584
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.06	0.077	0.100
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	0.12	0.241	0.365
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.13	0.089	0.115
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	-0.02	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	-0.09	0.001	0.001
186	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	0.02	0.475	0.719
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.12	0.076	0.113
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	0.06	0.222	0.345
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.12	0.041	0.061
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	-0.13	0.136	0.211
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.11	0.045	0.067
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	0.11	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.17	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	0.17	0.236	0.366

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	0.11	0.330	0.367
	Bluetooth	1Mbps	Back	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	-0.01	0.178	0.198
	Bluetooth	1Mbps	Right Side	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	0	0.232	0.258
	Bluetooth	1Mbps	Top Side	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	0.03	0.051	0.057
	Bluetooth	1Mbps	Front	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	0.02	0.390	0.425
	Bluetooth	1Mbps	Back	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	0.15	0.263	0.287



	Bluetooth	1Mbps	Right Side	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	-0.06	0.031	0.034
	Bluetooth	1Mbps	Top Side	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	0.02	0.206	0.225
	Bluetooth	1Mbps	Front	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	0.02	0.309	0.366
	Bluetooth	1Mbps	Back	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	-0.01	0.182	0.216
	Bluetooth	1Mbps	Right Side	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	-0.09	0.020	0.024
	Bluetooth	1Mbps	Top Side	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	0.06	0.144	0.171
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	0.01	0.134	0.149
187	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	-0.15	0.461	0.505
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	-0.13	0.078	0.087
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	-0.1	0.262	0.287
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	0.11	0.143	0.159
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	0.16	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	0.12	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	-0.07	0.244	0.267
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	0.12	0.113	0.128
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	0.12	0.335	0.367
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	-0.13	0.055	0.062
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	-0.1	0.182	0.200
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	0.11	0.102	0.115
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	0.16	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	0.12	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	-0.07	0.201	0.220

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Power Index	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)
	Thread_Ant 3	250K	Front	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	-0.02	0.105	0.132
	Thread_Ant 3	250K	Back	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	0.07	0.073	0.092
	Thread_Ant 3	250K	Left Side	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	0.1	0.001	0.001
188	Thread_Ant 3	250K	Right Side	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	0.06	0.132	0.166
	Thread_Ant 3	250K	Top Side	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	0.12	0.001	0.001



16.3 Body Worn Accessory SAR

<GSM SAR>

Table with 14 columns: Plot No., Band, Mode, Test Position, Gap (mm), Power Index, 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). Rows include GSM850 and GSM1900 series.

<WCDMA SAR>

Table with 14 columns: Plot No., Band, Mode, Test Position, Gap (mm), Power Index, 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). Rows include WCDMA II, IV, and V series.



<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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)
194	LTE Band 7_Ant 2	20M	QPSK	1	0	Front	10mm	10	20850	2510	18.85	20.60	1.496			-0.05	0.493	0.738
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	10	20850	2510	18.80	20.60	1.514			0.07	0.477	0.722
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	10	20850	2510	18.85	20.60	1.496			0.02	0.356	0.533
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	10	20850	2510	18.80	20.60	1.514			0.08	0.328	0.496
	LTE Band 7C_Ant 2	20M	QPSK	1	0	Front	10mm	10	21350+21152	2560	18.81	20.60	1.510			0.13	0.478	0.722
	LTE Band 7_Ant 2	20M	QPSK	1	0	Front	10mm	11	20850	2510	18.85	19.80	1.245			-0.05	0.493	0.614
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	11	20850	2510	18.80	19.80	1.259			0.07	0.477	0.601
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	11	20850	2510	18.85	19.80	1.245			0.02	0.356	0.443
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	11	20850	2510	18.80	19.80	1.259			0.08	0.328	0.413
	LTE Band 7C_Ant 2	20M	QPSK	1	0	Front	10mm	11	21350+21152	2560	18.81	19.80	1.256			0.13	0.478	0.600
	LTE Band 7_Ant 1	20M	QPSK	1	0	Front	10mm	10	21350	2560	19.72	20.90	1.312			-0.07	0.369	0.484
	LTE Band 7_Ant 1	20M	QPSK	50	0	Front	10mm	10	21350	2560	19.68	20.90	1.324			0.09	0.353	0.467
	LTE Band 7_Ant 1	20M	QPSK	1	0	Back	10mm	10	21350	2560	19.72	20.90	1.312			-0.11	0.220	0.289
	LTE Band 7_Ant 1	20M	QPSK	50	0	Back	10mm	10	21350	2560	19.68	20.90	1.324			0.14	0.206	0.273
	LTE Band 7_Ant 1	20M	QPSK	1	0	Front	19mm	1	20850	2510	24.04	25.00	1.247			0.04	0.171	0.213
	LTE Band 7_Ant 1	20M	QPSK	50	0	Front	19mm	1	20850	2510	23.20	24.00	1.202			-0.03	0.134	0.161
	LTE Band 7_Ant 1	20M	QPSK	1	0	Back	19mm	1	20850	2510	24.04	25.00	1.247			0.1	0.145	0.181
	LTE Band 7_Ant 1	20M	QPSK	50	0	Back	19mm	1	20850	2510	23.20	24.00	1.202			0.06	0.119	0.143
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Front	10mm	10	20850+21048	2510	19.68	20.90	1.324			0.02	0.351	0.465
	LTE Band 7_Ant 1	20M	QPSK	1	0	Front	10mm	11	21350	2560	19.72	20.10	1.091			-0.07	0.369	0.403
	LTE Band 7_Ant 1	20M	QPSK	50	0	Front	10mm	11	21350	2560	19.68	20.10	1.102			0.09	0.353	0.389
	LTE Band 7_Ant 1	20M	QPSK	1	0	Back	10mm	11	21350	2560	19.72	20.10	1.091			-0.11	0.220	0.240
	LTE Band 7_Ant 1	20M	QPSK	50	0	Back	10mm	11	21350	2560	19.68	20.10	1.102			0.14	0.206	0.227
	LTE Band 7C_Ant 1	20M	QPSK	1	0	Front	10mm	11	20850+21048	2510	19.68	20.10	1.102			0.02	0.351	0.387
195	LTE Band 12_Ant 0	10M	QPSK	1	0	Front	10mm	10/11	23095	707.5	24.11	25.70	1.442			0.02	0.365	0.526
	LTE Band 12_Ant 0	10M	QPSK	25	0	Front	10mm	10/11	23095	707.5	23.20	24.70	1.413			-0.01	0.295	0.417
	LTE Band 12_Ant 0	10M	QPSK	1	0	Back	10mm	10/11	23095	707.5	24.11	25.70	1.442			0.02	0.261	0.376
	LTE Band 12_Ant 0	10M	QPSK	25	0	Back	10mm	10/11	23095	707.5	23.20	24.70	1.413			-0.12	0.211	0.298
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	10mm	10/11	23095	707.5	24.67	25.70	1.268			0.01	0.229	0.290
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	10/11	23095	707.5	23.75	24.70	1.245			0	0.185	0.230
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	10/11	23095	707.5	24.67	25.70	1.268			0.05	0.204	0.259
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	10mm	10/11	23095	707.5	23.75	24.70	1.245			0.17	0.164	0.204
196	LTE Band 13_Ant 0	10M	QPSK	1	0	Front	10mm	10/11	23230	782	24.20	25.70	1.413			-0.03	0.454	0.641
	LTE Band 13_Ant 0	10M	QPSK	25	0	Front	10mm	10/11	23230	782	23.35	24.70	1.365			-0.01	0.372	0.508
	LTE Band 13_Ant 0	10M	QPSK	1	0	Back	10mm	10/11	23230	782	24.20	25.70	1.413			0.19	0.303	0.428
	LTE Band 13_Ant 0	10M	QPSK	25	0	Back	10mm	10/11	23230	782	23.35	24.70	1.365			0.17	0.249	0.340
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	10/11	23230	782	24.96	25.70	1.186			0	0.211	0.250
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	10/11	23230	782	24.12	24.70	1.143			0.06	0.174	0.199
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	10/11	23230	782	24.96	25.70	1.186			0.04	0.152	0.180
	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	10/11	23230	782	24.12	24.70	1.143			-0.09	0.125	0.143
197	LTE Band 14_Ant 0	10M	QPSK	1	0	Front	10mm	10/11	23330	793	24.33	25.70	1.371			-0.01	0.458	0.628
	LTE Band 14_Ant 0	10M	QPSK	25	0	Front	10mm	10/11	23330	793	23.40	24.70	1.349			-0.11	0.369	0.498
	LTE Band 14_Ant 0	10M	QPSK	1	0	Back	10mm	10/11	23330	793	24.33	25.70	1.371			0.09	0.299	0.410
	LTE Band 14_Ant 0	10M	QPSK	25	0	Back	10mm	10/11	23330	793	23.40	24.70	1.349			0.18	0.241	0.325
	LTE Band 14_Ant 1	10M	QPSK	1	0	Front	10mm	10/11	23330	793	25.09	25.70	1.151			0.02	0.204	0.235
	LTE Band 14_Ant 1	10M	QPSK	25	0	Front	10mm	10/11	23330	793	24.14	24.70	1.138			-0.19	0.163	0.185
	LTE Band 14_Ant 1	10M	QPSK	1	0	Back	10mm	10/11	23330	793	25.09	25.70	1.151			0.05	0.201	0.231
	LTE Band 14_Ant 1	10M	QPSK	25	0	Back	10mm	10/11	23330	793	24.14	24.70	1.138			-0.08	0.161	0.183
198	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	10	26140	1860	17.24	18.20	1.247			-0.04	0.606	0.756
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	10	26140	1860	17.23	18.20	1.250			0.07	0.596	0.745



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	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	10	26140	1860	17.24	18.20	1.247			0.01	0.342	0.427
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	10	26140	1860	17.23	18.20	1.250			-0.18	0.338	0.423
	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	11	26140	1860	17.24	17.40	1.038			-0.04	0.606	0.629
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	11	26140	1860	17.23	17.40	1.040			0.07	0.596	0.620
	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	11	26140	1860	17.24	17.40	1.038			0.01	0.342	0.355
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	11	26140	1860	17.23	17.40	1.040			-0.18	0.338	0.351
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	10	26590	1905	17.06	18.20	1.300			0.01	0.377	0.490
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	10	26590	1905	17.05	18.20	1.303			0.16	0.355	0.463
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	10	26590	1905	17.06	18.20	1.300			-0.07	0.291	0.378
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	10	26590	1905	17.05	18.20	1.303			0.04	0.276	0.360
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	19mm	1	26340	1880	24.42	25.30	1.225			0.06	0.319	0.391
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	19mm	1	26340	1880	23.36	24.30	1.242			-0.15	0.244	0.303
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	19mm	1	26340	1880	24.42	25.30	1.225			-0.04	0.265	0.325
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	19mm	1	26340	1880	23.36	24.30	1.242			0.11	0.207	0.257
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	11	26590	1905	17.06	17.40	1.081			0.01	0.377	0.408
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	11	26590	1905	17.05	17.40	1.084			0.16	0.355	0.385
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	11	26590	1905	17.06	17.40	1.081			-0.07	0.291	0.315
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	11	26590	1905	17.05	17.40	1.084			0.04	0.276	0.299
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	10	26140	1860	19.46	20.90	1.393			-0.02	0.534	0.744
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	10	26140	1860	19.45	20.90	1.396			-0.09	0.520	0.726
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	10	26140	1860	19.46	20.90	1.393			-0.09	0.376	0.524
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	10	26140	1860	19.45	20.90	1.396			0.13	0.353	0.493
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	11	26140	1860	19.46	20.10	1.159			-0.02	0.534	0.619
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	11	26140	1860	19.45	20.10	1.161			-0.09	0.520	0.604
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	11	26140	1860	19.46	20.10	1.159			-0.09	0.376	0.436
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	11	26140	1860	19.45	20.10	1.161			0.13	0.353	0.410
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	10	26140	1860	21.97	23.10	1.297			-0.17	0.376	0.488
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	10	26140	1860	21.95	23.10	1.303			-0.03	0.368	0.480
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	10	26140	1860	21.97	23.10	1.297			-0.07	0.223	0.289
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	10	26140	1860	21.95	23.10	1.303			0.04	0.214	0.279
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	11	26140	1860	21.97	22.30	1.079			-0.17	0.376	0.406
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	11	26140	1860	21.95	22.30	1.084			-0.03	0.368	0.399
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	11	26140	1860	21.97	22.30	1.079			-0.07	0.223	0.241
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	11	26140	1860	21.95	22.30	1.084			0.04	0.214	0.232
199	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	10/11	26865	831.5	24.39	25.70	1.352			-0.06	0.384	0.519
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	10/11	26865	831.5	23.43	24.70	1.340			0.13	0.307	0.411
	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	10/11	26865	831.5	24.39	25.70	1.352			-0.1	0.297	0.402
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	10/11	26865	831.5	23.43	24.70	1.340			0.02	0.238	0.319
	LTE Band 5B_Ant 0	10M	QPSK	1	49	Front	10mm	10/11	20475+20574	831.5	23.74	24.50	1.191			0.14	0.314	0.374
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	10/11	26865	831.5	25.18	25.70	1.127			-0.01	0.211	0.238
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	10/11	26865	831.5	24.20	24.70	1.122			0.19	0.168	0.188
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	10/11	26865	831.5	25.18	25.70	1.127			-0.16	0.170	0.192
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	10/11	26865	831.5	24.20	24.70	1.122			0.09	0.135	0.151
	LTE Band 5B_Ant 1	10M	QPSK	1	49	Front	10mm	10/11	20475+20574	831.5	23.60	24.50	1.230			0.06	0.138	0.170
200	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	10	27710	2310	16.91	18.60	1.476			-0.01	0.510	0.753
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	10	27710	2310	16.87	18.60	1.489			-0.09	0.496	0.739
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	10	27710	2310	16.91	18.60	1.476			-0.15	0.348	0.514
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	10	27710	2310	16.87	18.60	1.489			0.09	0.334	0.497
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	11	27710	2310	16.91	17.80	1.227			-0.01	0.510	0.626
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	11	27710	2310	16.87	17.80	1.239			-0.09	0.496	0.614
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	11	27710	2310	16.91	17.80	1.227			-0.15	0.348	0.427
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	11	27710	2310	16.87	17.80	1.239			0.09	0.334	0.414
	LTE Band 30_Ant 1	10M	QPSK	1	0	Front	10mm	10/11	27710	2310	22.58	23.50	1.236			0.01	0.209	0.258
	LTE Band 30_Ant 1	10M	QPSK	25	0	Front	10mm	10/11	27710	2310	21.63	22.50	1.222			-0.01	0.167	0.204
	LTE Band 30_Ant 1	10M	QPSK	1	0	Back	10mm	10/11	27710	2310	22.58	23.50	1.236			-0.02	0.347	0.429



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	LTE Band 30_Ant 1	10M	QPSK	25	0	Back	10mm	10/11	27710	2310	21.63	22.50	1.222			0.06	0.279	0.341
	LTE Band 30_Ant 1	10M	QPSK	1	0	Front	19mm	1	27710	2310	22.58	23.50	1.236			-0.02	0.087	0.108
	LTE Band 30_Ant 1	10M	QPSK	25	0	Front	19mm	1	27710	2310	21.63	22.50	1.222			0.01	0.071	0.087
	LTE Band 30_Ant 1	10M	QPSK	1	0	Back	19mm	1	27710	2310	22.58	23.50	1.236			-0.14	0.077	0.095
	LTE Band 30_Ant 1	10M	QPSK	25	0	Back	19mm	1	27710	2310	21.63	22.50	1.222			-0.05	0.059	0.072
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	10	132572	1770	19.05	20.00	1.245			-0.06	0.598	0.744
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	10	132572	1770	18.95	20.00	1.274			-0.06	0.577	0.735
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	10	132572	1770	19.05	20.00	1.245			0.11	0.422	0.525
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	10	132572	1770	18.95	20.00	1.274			-0.11	0.392	0.499
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Front	10mm	10	132047+132140	1717.5	18.98	20.00	1.265			-0.01	0.555	0.702
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Front	10mm	10	132072+132270	1720	18.98	20.00	1.265			0.05	0.559	0.707
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	11	132572	1770	19.05	19.20	1.035			-0.06	0.598	0.619
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	11	132572	1770	18.95	19.20	1.059			-0.06	0.577	0.611
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	11	132572	1770	19.05	19.20	1.035			0.11	0.422	0.437
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	11	132572	1770	18.95	19.20	1.059			-0.11	0.392	0.415
	LTE Band 66B_Ant 2	15M	QPSK	1	0	Front	10mm	11	132047+132140	1717.5	18.98	19.20	1.052			-0.01	0.555	0.584
	LTE Band 66C_Ant 2	20M	QPSK	1	99	Front	10mm	11	132072+132270	1720	18.98	19.20	1.052			0.05	0.559	0.588
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	10	132322	1745	19.12	20.20	1.282			-0.19	0.372	0.477
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	10	132322	1745	19.09	20.20	1.291			-0.19	0.365	0.471
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	10	132322	1745	19.12	20.20	1.282			-0.15	0.316	0.405
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	10	132322	1745	19.09	20.20	1.291			0.02	0.241	0.311
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	19mm	1	132572	1770	24.72	25.60	1.225			0.09	0.309	0.378
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	19mm	1	132572	1770	23.66	24.60	1.242			0.03	0.234	0.291
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	19mm	1	132572	1770	24.72	25.60	1.225			-0.11	0.268	0.328
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	19mm	1	132572	1770	23.66	24.60	1.242			-0.15	0.210	0.261
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Front	10mm	10	132047+132140	1717.5	19.10	20.20	1.288			0.08	0.355	0.457
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Front	10mm	10	132072+132270	1720	19.11	20.20	1.285			0.09	0.358	0.460
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	11	132322	1745	19.12	19.40	1.067			-0.19	0.372	0.397
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	11	132322	1745	19.09	19.40	1.074			-0.19	0.365	0.392
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	11	132322	1745	19.12	19.40	1.067			-0.15	0.316	0.337
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	11	132322	1745	19.09	19.40	1.074			0.02	0.241	0.259
	LTE Band 66B_Ant 1	15M	QPSK	1	0	Front	10mm	11	132047+132140	1717.5	19.10	19.40	1.072			0.08	0.355	0.380
	LTE Band 66C_Ant 1	20M	QPSK	1	99	Front	10mm	11	132072+132270	1720	19.11	19.40	1.069			0.09	0.358	0.383
201	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	10	132322	1745	19.20	20.20	1.259			-0.07	0.601	0.757
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	10	132322	1745	19.16	20.20	1.271			-0.14	0.584	0.742
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	10	132322	1745	19.20	20.20	1.259			0.09	0.364	0.458
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	10	132322	1745	19.16	20.20	1.271			0.17	0.345	0.438
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	11	132322	1745	19.20	19.40	1.047			-0.07	0.601	0.629
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	11	132322	1745	19.16	19.40	1.057			-0.14	0.584	0.617
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	11	132322	1745	19.20	19.40	1.047			0.09	0.364	0.381
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	11	132322	1745	19.16	19.40	1.057			0.17	0.345	0.365
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	10	132572	1770	20.96	22.40	1.393			0	0.351	0.489
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	10	132572	1770	20.95	22.40	1.396			0.11	0.337	0.471
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	10	132572	1770	20.96	22.40	1.393			0	0.121	0.169
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	10	132572	1770	20.95	22.40	1.396			-0.09	0.113	0.158
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	11	132572	1770	20.96	21.60	1.159			0	0.351	0.407
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	11	132572	1770	20.95	21.60	1.161			0.11	0.337	0.391
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	11	132572	1770	20.96	21.60	1.159			0	0.121	0.140
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	11	132572	1770	20.95	21.60	1.161			-0.09	0.113	0.131
202	LTE Band 71_Ant 0	20M	QPSK	1	0	Front	10mm	10/11	133297	680.5	24.15	25.70	1.429			-0.11	0.354	0.506
	LTE Band 71_Ant 0	20M	QPSK	50	0	Front	10mm	10/11	133297	680.5	23.11	24.70	1.442			0.17	0.278	0.401
	LTE Band 71_Ant 0	20M	QPSK	1	0	Back	10mm	10/11	133297	680.5	24.15	25.70	1.429			0.04	0.258	0.369
	LTE Band 71_Ant 0	20M	QPSK	50	0	Back	10mm	10/11	133297	680.5	23.11	24.70	1.442			-0.08	0.203	0.293
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	10/11	133297	680.5	25.05	25.70	1.161			-0.03	0.227	0.264
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	10/11	133297	680.5	24.07	24.70	1.156			-0.04	0.180	0.208



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	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	10/11	133297	680.5	25.05	25.70	1.161			0.19	0.169	0.196
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	10/11	133297	680.5	24.07	24.70	1.156			0.04	0.134	0.155
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	10	40620	2593	20.17	21.10	1.239	62.9	1.006	0.06	0.445	0.555
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	10	40620	2593	20.15	21.10	1.245	62.9	1.006	-0.14	0.440	0.551
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	10	40620	2593	20.17	21.10	1.239	62.9	1.006	-0.07	0.320	0.399
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	10	40620	2593	20.15	21.10	1.245	62.9	1.006	0.13	0.309	0.387
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Front	10mm	10	37850+38048	2580	20.02	21.00	1.253	62.9	1.006	-0.1	0.411	0.518
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Front	10mm	10	40185+39987	2549.5	19.88	21.10	1.324	62.9	1.006	-0.06	0.402	0.536
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Front	10mm	10	40620	2593	21.67	22.70	1.268	42.9	1.009	-0.16	0.432	0.553
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	11	40620	2593	20.17	20.30	1.030	62.9	1.006	0.06	0.445	0.461
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	11	40620	2593	20.15	20.30	1.035	62.9	1.006	-0.14	0.440	0.458
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	11	40620	2593	20.17	20.30	1.030	62.9	1.006	-0.07	0.320	0.332
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	11	40620	2593	20.15	20.30	1.035	62.9	1.006	0.13	0.309	0.322
	LTE Band 38C_Ant 2	20M	QPSK	1	0	Front	10mm	11	37850+38048	2580	20.02	20.20	1.042	62.9	1.006	-0.1	0.411	0.431
	LTE Band 41C_Ant 2	20M	QPSK	1	0	Front	10mm	11	40185+39987	2549.5	19.88	20.30	1.102	62.9	1.006	-0.06	0.402	0.445
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Front	10mm	11	40620	2593	21.67	21.90	1.054	42.9	1.009	-0.16	0.432	0.460
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	10	40185	2549.5	22.31	23.60	1.346	62.9	1.006	-0.03	0.365	0.494
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	10	40185	2549.5	22.30	23.60	1.349	62.9	1.006	0.01	0.249	0.338
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	10	40185	2549.5	22.31	23.60	1.346	62.9	1.006	-0.08	0.235	0.318
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	10	40185	2549.5	22.30	23.60	1.349	62.9	1.006	-0.11	0.186	0.252
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	19mm	1	40620	2593	24.40	25.10	1.175	62.9	1.006	0.1	0.131	0.155
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	19mm	1	40620	2593	23.39	24.10	1.178	62.9	1.006	0.09	0.104	0.123
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	19mm	1	40620	2593	24.40	25.10	1.175	62.9	1.006	-0.05	0.085	0.100
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	19mm	1	40620	2593	23.39	24.10	1.178	62.9	1.006	0	0.067	0.079
	LTE Band 38C_Ant 1	20M	QPSK	1	0	Front	10mm	10	37901+38099	2580	22.14	23.00	1.219	62.9	1.006	0.17	0.309	0.379
	LTE Band 41C_Ant 1	20M	QPSK	1	0	Front	10mm	10	39750+39948	2506	22.22	23.00	1.197	62.9	1.006	-0.05	0.325	0.391
	LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Front	10mm	10	40185	2549.5	23.81	25.20	1.377	42.9	1.009	-0.19	0.320	0.445
	LTE Band 41_Ant 1	20M	QPSK	1	0	Front	10mm	11	40185	2549.5	22.31	22.80	1.119	62.9	1.006	-0.03	0.365	0.411
	LTE Band 41_Ant 1	20M	QPSK	50	0	Front	10mm	11	40185	2549.5	22.30	22.80	1.122	62.9	1.006	0.01	0.249	0.281
	LTE Band 41_Ant 1	20M	QPSK	1	0	Back	10mm	11	40185	2549.5	22.31	22.80	1.119	62.9	1.006	-0.08	0.235	0.265
	LTE Band 41_Ant 1	20M	QPSK	50	0	Back	10mm	11	40185	2549.5	22.30	22.80	1.122	62.9	1.006	-0.11	0.186	0.210
	LTE Band 38C_Ant 1	20M	QPSK	1	0	Front	10mm	11	37850+38048	2580	22.06	22.70	1.159	62.9	1.006	0.17	0.309	0.360
	LTE Band 41C_Ant 1	20M	QPSK	1	0	Front	10mm	11	40620+40422	2593	21.99	22.80	1.205	62.9	1.006	-0.05	0.325	0.394
	LTE Band 41_HPUE_Ant 1	20M	QPSK	1	0	Front	10mm	11	40185	2549.5	23.81	24.40	1.146	42.9	1.009	-0.19	0.320	0.370
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	10	40185	2549.5	22.71	23.80	1.285	62.9	1.006	0.05	0.489	0.632
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	10	39750	2506	22.68	23.80	1.294	62.9	1.006	-0.02	0.418	0.544
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	10	40620	2593	22.65	23.80	1.303	62.9	1.006	0.17	0.537	0.704
203	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	10	41055	2636.5	22.60	23.80	1.318	62.9	1.006	-0.05	0.573	0.760
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	10	41490	2680	22.60	23.80	1.318	62.9	1.006	0.06	0.552	0.732
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	10	40185	2549.5	22.68	23.80	1.294	62.9	1.006	0.02	0.419	0.546
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	10	40185	2549.5	22.71	23.80	1.285	62.9	1.006	0.07	0.359	0.464
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	10	40185	2549.5	22.68	23.80	1.294	62.9	1.006	-0.06	0.320	0.417
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	10	40185	2549.5	24.31	25.40	1.285	42.9	1.009	-0.12	0.481	0.624
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	10	39750	2506	24.30	25.40	1.288	42.9	1.009	-0.08	0.439	0.571
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	10	40620	2593	24.29	25.40	1.291	42.9	1.009	0.01	0.514	0.670
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	10	41055	2636.5	24.24	25.40	1.306	42.9	1.009	0.07	0.560	0.738
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	10	41490	2680	24.20	25.40	1.318	42.9	1.009	-0.07	0.538	0.716
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	11	40185	2549.5	22.71	23.00	1.069	62.9	1.006	0.05	0.489	0.526
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	11	40185	2549.5	22.68	23.00	1.076	62.9	1.006	0.02	0.419	0.454
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	11	40185	2549.5	22.71	23.00	1.069	62.9	1.006	0.07	0.359	0.386
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	11	40185	2549.5	22.68	23.00	1.076	62.9	1.006	-0.06	0.320	0.347
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Front	10mm	11	40185	2549.5	24.31	24.60	1.069	42.9	1.009	-0.12	0.481	0.519
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	10mm	10	40620	2593	22.88	24.30	1.387	62.9	1.006	0.03	0.359	0.501
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	10	40620	2593	22.83	24.10	1.340	62.9	1.006	0	0.352	0.474
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	10mm	10	40620	2593	22.88	24.30	1.387	62.9	1.006	-0.01	0.318	0.444



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	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	10mm	10	40620	2593	22.83	24.10	1.340	62.9	1.006	-0.08	0.313	0.422
	LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Front	10mm	10	40620	2593	24.48	25.90	1.387	42.9	1.009	-0.13	0.329	0.460
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	10mm	11	40620	2593	22.88	23.50	1.153	62.9	1.006	0.03	0.359	0.417
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	11	40620	2593	22.83	23.50	1.167	62.9	1.006	0	0.352	0.413
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	10mm	11	40620	2593	22.88	23.50	1.153	62.9	1.006	-0.01	0.318	0.369
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	10mm	11	40620	2593	22.83	23.50	1.167	62.9	1.006	-0.08	0.313	0.367
	LTE Band 41_HPUE_Ant 5	20M	QPSK	1	0	Front	10mm	11	40620	2593	24.48	25.10	1.153	42.9	1.009	-0.13	0.329	0.383
204	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	10	55340	3560	22.28	23.10	1.208	62.9	1.006	0.03	0.462	0.561
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	10	55340	3560	22.08	23.10	1.265	62.9	1.006	-0.01	0.432	0.550
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	10	55340	3560	22.28	23.10	1.208	62.9	1.006	-0.17	0.361	0.439
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	10	55340	3560	22.08	23.10	1.265	62.9	1.006	-0.13	0.358	0.455
	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	11	55340	3560	22.28	22.30	1.005	62.9	1.006	0.03	0.462	0.467
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	11	55340	3560	22.08	22.30	1.052	62.9	1.006	-0.01	0.432	0.457
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	11	55340	3560	22.28	22.30	1.005	62.9	1.006	-0.17	0.361	0.365
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	11	55340	3560	22.08	22.30	1.052	62.9	1.006	-0.13	0.358	0.379
	LTE Band 48_Ant 1	20M	QPSK	1	0	Front	10mm	10	56640	3690	22.03	23.30	1.340	62.9	1.006	-0.13	0.352	0.474
	LTE Band 48_Ant 1	20M	QPSK	50	0	Front	10mm	10	56640	3690	20.95	22.30	1.365	62.9	1.006	-0.12	0.276	0.379
	LTE Band 48_Ant 1	20M	QPSK	1	0	Back	10mm	10	56640	3690	22.03	23.30	1.340	62.9	1.006	0.05	0.186	0.251
	LTE Band 48_Ant 1	20M	QPSK	50	0	Back	10mm	10	56640	3690	20.95	22.30	1.365	62.9	1.006	0.16	0.142	0.195
	LTE Band 48_Ant 1	20M	QPSK	1	0	Front	19mm	1	55340	3560	23.01	24.30	1.346	62.9	1.006	-0.13	0.068	0.092
	LTE Band 48_Ant 1	20M	QPSK	50	0	Front	19mm	1	55340	3560	20.88	22.30	1.387	62.9	1.006	-0.12	0.040	0.056
	LTE Band 48_Ant 1	20M	QPSK	1	0	Back	19mm	1	55340	3560	23.01	24.30	1.346	62.9	1.006	0.05	0.050	0.068
	LTE Band 48_Ant 1	20M	QPSK	50	0	Back	19mm	1	55340	3560	20.88	22.30	1.387	62.9	1.006	0.13	0.030	0.042
	LTE Band 48_Ant 1	20M	QPSK	1	0	Front	10mm	11	56640	3690	22.03	22.50	1.114	62.9	1.006	-0.13	0.352	0.395
	LTE Band 48_Ant 1	20M	QPSK	50	0	Front	10mm	11	56640	3690	20.95	22.30	1.365	62.9	1.006	-0.12	0.276	0.379
	LTE Band 48_Ant 1	20M	QPSK	1	0	Back	10mm	11	56640	3690	22.03	22.50	1.114	62.9	1.006	0.05	0.186	0.209
	LTE Band 48_Ant 1	20M	QPSK	50	0	Back	10mm	11	56640	3690	20.95	22.30	1.365	62.9	1.006	0.16	0.142	0.195



<5G NR SAR>

Table with 17 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Test Position, Gap (mm), Power Index, 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). Rows include test data for Plot No. 205, 206, and 207 across various antenna configurations and frequencies.



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	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	10	376500	1882.5	18.13	19.10	1.250	0.11	0.361	0.451
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	10	376500	1882.5	18.04	19.10	1.276	-0.03	0.349	0.445
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	19mm	1	376500	1882.5	24.22	25.30	1.282	-0.04	0.310	0.398
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	19mm	1	376500	1882.5	24.12	25.30	1.312	-0.19	0.299	0.392
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	19mm	1	376500	1882.5	24.22	25.30	1.282	-0.1	0.301	0.386
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	19mm	1	376500	1882.5	24.12	25.30	1.312	-0.03	0.276	0.362
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	10mm	11	376500	1882.5	18.13	18.30	1.040	0.02	0.394	0.410
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	10mm	11	376500	1882.5	18.04	18.30	1.062	0.15	0.382	0.406
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	11	376500	1882.5	18.13	18.30	1.040	0.11	0.361	0.375
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	11	376500	1882.5	18.04	18.30	1.062	-0.03	0.349	0.371
208	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	10	376500	1882.5	19.68	20.80	1.294	-0.02	0.578	0.748
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	10	376500	1882.5	19.65	20.80	1.303	0.08	0.556	0.725
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	10	376500	1882.5	19.68	20.80	1.294	-0.13	0.387	0.501
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	10	376500	1882.5	19.65	20.80	1.303	-0.07	0.369	0.481
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	11	376500	1882.5	19.68	20.00	1.076	-0.02	0.578	0.622
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	11	376500	1882.5	19.65	20.00	1.084	0.08	0.556	0.603
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	11	376500	1882.5	19.68	20.00	1.076	-0.13	0.387	0.417
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	11	376500	1882.5	19.65	20.00	1.084	-0.07	0.369	0.400
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	10	376500	1882.5	21.91	23.20	1.346	0.07	0.362	0.487
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	10	376500	1882.5	21.89	23.20	1.351	0.07	0.351	0.474
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	10	376500	1882.5	21.91	23.20	1.346	0.01	0.213	0.287
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	10	376500	1882.5	21.89	23.20	1.351	-0.09	0.201	0.272
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	11	376500	1882.5	21.91	22.40	1.119	0.07	0.362	0.405
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	11	376500	1882.5	21.89	22.40	1.124	0.07	0.351	0.394
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	11	376500	1882.5	21.91	22.40	1.119	0.01	0.213	0.238
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	11	376500	1882.5	21.89	22.40	1.124	-0.09	0.201	0.226
	FR1 n26_Ant 0	20M	BPSK	1	1	Front	10mm	10/11	166300	831.5	24.43	25.70	1.340	-0.01	0.251	0.336
	FR1 n26_Ant 0	20M	BPSK	50	28	Front	10mm	10/11	166300	831.5	24.33	25.70	1.371	0.03	0.239	0.328
	FR1 n26_Ant 0	20M	BPSK	1	1	Back	10mm	10/11	166300	831.5	24.43	25.70	1.340	-0.08	0.181	0.242
	FR1 n26_Ant 0	20M	BPSK	50	28	Back	10mm	10/11	166300	831.5	24.33	25.70	1.371	0.17	0.172	0.236
209	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	10/11	166300	831.5	24.26	25.70	1.393	-0.1	0.263	0.366
	FR1 n26_Ant 1	20M	BPSK	50	28	Front	10mm	10/11	166300	831.5	24.10	25.70	1.445	0.01	0.251	0.363
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	10/11	166300	831.5	24.26	25.70	1.393	-0.1	0.238	0.332
	FR1 n26_Ant 1	20M	BPSK	50	28	Back	10mm	10/11	166300	831.5	24.10	25.70	1.445	0.05	0.218	0.315
210	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	10	462000	2310	17.67	18.60	1.239	-0.02	0.607	0.752
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	10	462000	2310	17.66	18.60	1.242	0.07	0.591	0.734
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	10	462000	2310	17.67	18.60	1.239	-0.03	0.411	0.509
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	10	462000	2310	17.66	18.60	1.242	0.08	0.398	0.494
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	11	462000	2310	17.67	17.80	1.030	-0.02	0.607	0.625
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	11	462000	2310	17.66	17.80	1.033	0.07	0.591	0.610
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	11	462000	2310	17.67	17.80	1.030	-0.03	0.411	0.423
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	11	462000	2310	17.66	17.80	1.033	0.08	0.398	0.411
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	10mm	10	462000	2310	20.89	22.10	1.321	-0.11	0.373	0.493
	FR1 n30_Ant 1	10M	BPSK	25	14	Front	10mm	10	462000	2310	20.84	22.10	1.337	0.14	0.361	0.483
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	10mm	10	462000	2310	20.89	22.10	1.321	0.09	0.323	0.427
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	10mm	10	462000	2310	20.84	22.10	1.337	0.01	0.310	0.414
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	19mm	1	462000	2310	22.45	23.50	1.274	0	0.094	0.120
	FR1 n30_Ant 1	10M	BPSK	25	14	Front	19mm	1	462000	2310	22.36	23.50	1.300	-0.17	0.089	0.116
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	19mm	1	462000	2310	22.45	23.50	1.274	-0.1	0.087	0.111
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	19mm	1	462000	2310	22.36	23.50	1.300	0.07	0.080	0.104
	FR1 n30_Ant 1	10M	BPSK	1	1	Front	10mm	11	462000	2310	20.89	21.30	1.099	-0.11	0.373	0.410
	FR1 n30_Ant 1	10M	BPSK	25	14	Front	10mm	11	462000	2310	20.84	21.30	1.112	0.14	0.361	0.401
	FR1 n30_Ant 1	10M	BPSK	1	1	Back	10mm	11	462000	2310	20.89	21.30	1.099	0.09	0.323	0.355
	FR1 n30_Ant 1	10M	BPSK	25	14	Back	10mm	11	462000	2310	20.84	21.30	1.112	0.01	0.310	0.345
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	10	349000	1745	18.90	20.30	1.380	0	0.541	0.747



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	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	10	349000	1745	18.88	20.30	1.387	-0.19	0.515	0.714
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	10	349000	1745	18.90	20.30	1.380	0.06	0.298	0.411
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	10	349000	1745	18.88	20.30	1.387	0.13	0.282	0.391
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	11	349000	1745	18.90	19.50	1.148	0	0.541	0.621
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	11	349000	1745	18.88	19.50	1.153	-0.19	0.515	0.594
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	11	349000	1745	18.90	19.50	1.148	0.06	0.298	0.342
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	11	349000	1745	18.88	19.50	1.153	0.13	0.282	0.325
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	10	349000	1745	18.91	20.20	1.346	0	0.366	0.493
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	10	349000	1745	18.88	20.20	1.355	0.07	0.357	0.484
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	10	349000	1745	18.91	20.20	1.346	0.04	0.346	0.466
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	10	349000	1745	18.88	20.20	1.355	-0.08	0.336	0.455
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	19mm	1	349000	1745	24.63	25.60	1.250	0.13	0.322	0.403
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	19mm	1	349000	1745	24.54	25.60	1.276	-0.19	0.303	0.387
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	19mm	1	349000	1745	24.63	25.60	1.250	-0.15	0.309	0.386
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	19mm	1	349000	1745	24.54	25.60	1.276	-0.11	0.288	0.368
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	11	349000	1745	18.91	19.40	1.119	0	0.366	0.410
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	11	349000	1745	18.88	19.40	1.127	0.07	0.357	0.402
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	11	349000	1745	18.91	19.40	1.119	0.04	0.346	0.387
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	11	349000	1745	18.88	19.40	1.127	-0.08	0.336	0.379
211	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	10	349000	1745	19.66	20.80	1.300	-0.03	0.577	0.750
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	10	349000	1745	19.56	20.80	1.330	-0.02	0.557	0.741
	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	10	349000	1745	19.66	20.80	1.300	-0.14	0.394	0.512
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	10	349000	1745	19.56	20.80	1.330	0.09	0.374	0.498
	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	11	349000	1745	19.66	20.00	1.081	-0.03	0.577	0.624
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	11	349000	1745	19.56	20.00	1.107	-0.02	0.557	0.616
	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	11	349000	1745	19.66	20.00	1.081	-0.14	0.394	0.426
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	11	349000	1745	19.56	20.00	1.107	0.09	0.374	0.414
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	10	349000	1745	22.20	23.50	1.349	-0.01	0.364	0.491
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	10	349000	1745	22.10	23.50	1.380	-0.05	0.346	0.478
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	10	349000	1745	22.20	23.50	1.349	0	0.188	0.254
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	10	349000	1745	22.10	23.50	1.380	-0.03	0.163	0.225
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	11	349000	1745	22.20	22.70	1.122	-0.01	0.364	0.408
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	11	349000	1745	22.10	22.70	1.148	-0.05	0.346	0.397
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	11	349000	1745	22.20	22.70	1.122	0	0.188	0.211
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	11	349000	1745	22.10	22.70	1.148	-0.03	0.163	0.187
212	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	10	340500	1702.5	18.94	20.00	1.276	0.01	0.585	0.747
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	10	340500	1702.5	18.84	20.00	1.306	-0.17	0.562	0.734
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	10	340500	1702.5	18.94	20.00	1.276	-0.09	0.401	0.512
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	10	340500	1702.5	18.84	20.00	1.306	-0.05	0.387	0.505
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	11	340500	1702.5	18.94	19.20	1.062	0.01	0.585	0.621
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	11	340500	1702.5	18.84	19.20	1.086	-0.17	0.562	0.611
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	11	340500	1702.5	18.94	19.20	1.062	-0.09	0.401	0.426
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	11	340500	1702.5	18.84	19.20	1.086	-0.05	0.387	0.420
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	10mm	10	340500	1702.5	20.42	21.80	1.374	-0.01	0.357	0.491
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	10mm	10	340500	1702.5	20.37	21.80	1.390	0.07	0.345	0.480
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	10mm	10	340500	1702.5	20.42	21.80	1.374	0.12	0.300	0.412
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	10mm	10	340500	1702.5	20.37	21.80	1.390	-0.09	0.291	0.404
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	19mm	1	340500	1702.5	24.54	25.60	1.276	0.18	0.241	0.308
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	19mm	1	340500	1702.5	24.48	25.60	1.294	-0.15	0.232	0.300
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	19mm	1	340500	1702.5	24.54	25.60	1.276	-0.15	0.224	0.286
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	19mm	1	340500	1702.5	24.48	25.60	1.294	0.07	0.206	0.267
	FR1 n70_Ant 1	15M	BPSK	1	1	Front	10mm	11	340500	1702.5	20.42	21.00	1.143	-0.01	0.357	0.408
	FR1 n70_Ant 1	15M	BPSK	36	22	Front	10mm	11	340500	1702.5	20.37	21.00	1.156	0.07	0.345	0.399
	FR1 n70_Ant 1	15M	BPSK	1	1	Back	10mm	11	340500	1702.5	20.42	21.00	1.143	0.12	0.300	0.343
	FR1 n70_Ant 1	15M	BPSK	36	22	Back	10mm	11	340500	1702.5	20.37	21.00	1.156	-0.09	0.291	0.336



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213	FR1 n71_Ant 0	20M	BPSK	1	1	Front	10mm	10/11	136100	680.5	24.12	25.70	1.439	-0.02	0.361	0.519
	FR1 n71_Ant 0	20M	BPSK	50	28	Front	10mm	10/11	136100	680.5	23.95	25.70	1.496	0.14	0.333	0.498
	FR1 n71_Ant 0	20M	BPSK	1	1	Back	10mm	10/11	136100	680.5	24.12	25.70	1.439	0.14	0.269	0.387
	FR1 n71_Ant 0	20M	BPSK	50	28	Back	10mm	10/11	136100	680.5	23.95	25.70	1.496	0.14	0.241	0.361
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	10/11	136100	680.5	24.04	25.70	1.466	0.03	0.284	0.416
	FR1 n71_Ant 1	20M	BPSK	50	28	Front	10mm	10/11	136100	680.5	23.93	25.70	1.503	0.14	0.251	0.377
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	10/11	136100	680.5	24.04	25.70	1.466	0.14	0.246	0.361
	FR1 n71_Ant 1	20M	BPSK	50	28	Back	10mm	10/11	136100	680.5	23.93	25.70	1.503	0.14	0.222	0.334
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	19.36	20.40	1.271	-0.15	0.575	0.731
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	10	518598	2592.99	19.27	20.40	1.297	0.12	0.555	0.720
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	10	518598	2592.99	19.36	20.40	1.271	0.01	0.381	0.484
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	10	518598	2592.99	19.27	20.40	1.297	0.09	0.364	0.472
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	22.39	23.40	1.262	0	0.574	0.724
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	19.36	19.60	1.057	-0.15	0.575	0.608
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	11	518598	2592.99	19.27	19.60	1.079	0.12	0.555	0.599
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	11	518598	2592.99	19.36	19.60	1.057	0.01	0.381	0.403
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	11	518598	2592.99	19.27	19.60	1.079	0.09	0.364	0.393
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	22.39	22.60	1.050	0	0.574	0.602
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	19.36	20.40	1.271	-0.18	0.383	0.487
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	10	518598	2592.99	19.31	20.40	1.285	0.14	0.376	0.483
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	10	518598	2592.99	19.36	20.40	1.271	-0.01	0.298	0.379
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	10	518598	2592.99	19.31	20.40	1.285	0.14	0.294	0.378
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	19mm	1	518598	2592.99	24.52	25.10	1.143	-0.19	0.236	0.270
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	19mm	1	518598	2592.99	24.26	25.10	1.213	-0.16	0.212	0.257
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	19mm	1	518598	2592.99	24.52	25.10	1.143	-0.08	0.190	0.217
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	19mm	1	518598	2592.99	24.26	25.10	1.213	0.02	0.172	0.209
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	22.37	23.40	1.268	0.01	0.376	0.477
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	19.36	19.60	1.057	-0.18	0.383	0.405
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	11	518598	2592.99	19.31	19.60	1.069	0.14	0.376	0.402
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	11	518598	2592.99	19.36	19.60	1.057	-0.01	0.298	0.315
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	11	518598	2592.99	19.31	19.60	1.069	0.14	0.294	0.314
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	22.37	22.60	1.054	0.01	0.376	0.396
214	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	20.84	21.90	1.276	0	0.587	0.749
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	10	518598	2592.99	20.80	21.90	1.288	0.19	0.539	0.694
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	10	518598	2592.99	20.84	21.90	1.276	0.07	0.376	0.480
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	10	518598	2592.99	20.80	21.90	1.288	0.04	0.364	0.469
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	23.94	24.90	1.247	-0.02	0.593	0.740
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	20.84	21.10	1.062	0	0.587	0.623
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	11	518598	2592.99	20.80	21.10	1.072	0.19	0.539	0.578
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	11	518598	2592.99	20.84	21.10	1.062	0.07	0.376	0.399
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	11	518598	2592.99	20.80	21.10	1.072	0.04	0.364	0.390
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	23.94	24.10	1.038	-0.02	0.593	0.615
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	22.68	23.60	1.236	0	0.338	0.418
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	10	518598	2592.99	22.62	23.60	1.253	0.11	0.307	0.385
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	10	518598	2592.99	22.68	23.60	1.236	0.04	0.305	0.377
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	10	518598	2592.99	22.62	23.60	1.253	-0.16	0.267	0.335
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	10	518598	2592.99	24.99	26.60	1.449	0	0.272	0.394
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	22.68	22.80	1.028	0	0.338	0.347
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	11	518598	2592.99	22.62	22.80	1.042	0.11	0.307	0.320
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	11	518598	2592.99	22.68	22.80	1.028	0.04	0.305	0.314
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	11	518598	2592.99	22.62	22.80	1.042	-0.16	0.267	0.278
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Front	10mm	11	518598	2592.99	24.99	25.80	1.205	0	0.272	0.328
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	10	641666	3624.99	19.68	20.90	1.324	-0.04	0.438	0.580
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	10	641666	3624.99	19.66	20.90	1.330	0.16	0.425	0.565
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	10	641666	3624.99	19.68	20.90	1.324	-0.14	0.369	0.489



	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	10	641666	3624.99	19.66	20.90	1.330	0.07	0.356	0.474
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	11	641666	3624.99	19.68	20.10	1.102	-0.04	0.438	0.482
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	11	641666	3624.99	19.66	20.10	1.107	0.16	0.425	0.470
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	11	641666	3624.99	19.68	20.10	1.102	-0.14	0.369	0.406
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	11	641666	3624.99	19.66	20.10	1.107	0.07	0.356	0.394
	FR1 n48_Ant 1	40M	QPSK	1	0	Front	10mm	10	641666	3624.99	19.75	20.00	1.059	-0.07	0.220	0.233
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	10	641666	3624.99	21.50	23.20	1.479	-0.16	0.329	0.487
	FR1 n48_Ant 1	40M	QPSK	1	0	Back	10mm	10	641666	3624.99	19.75	20.00	1.059	-0.18	0.169	0.179
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	10	641666	3624.99	21.50	23.20	1.479	-0.17	0.234	0.346
	FR1 n48_Ant 1	40M	BPSK	1	0	Front	19mm	1	641666	3624.99	19.75	20.00	1.059	0.04	0.042	0.044
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	19mm	1	641666	3624.99	23.57	24.20	1.156	0.09	0.103	0.119
	FR1 n48_Ant 1	40M	BPSK	1	0	Back	19mm	1	641666	3624.99	19.75	20.00	1.059	0.01	0.030	0.032
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	19mm	1	641666	3624.99	23.57	24.20	1.156	-0.16	0.074	0.086
	FR1 n48_Ant 1	40M	QPSK	1	0	Front	10mm	11	641666	3624.99	19.75	20.00	1.059	-0.07	0.220	0.233
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	11	641666	3624.99	21.50	22.40	1.230	-0.16	0.329	0.405
	FR1 n48_Ant 1	40M	QPSK	1	0	Back	10mm	11	641666	3624.99	19.75	20.00	1.059	-0.18	0.169	0.179
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	11	641666	3624.99	21.50	22.40	1.230	-0.17	0.234	0.288
215	FR1 n48_Ant 2	40M	BPSK	1	1	Front	10mm	10	641666	3624.99	21.32	22.60	1.343	-0.04	0.562	0.755
	FR1 n48_Ant 2	40M	BPSK	50	28	Front	10mm	10	641666	3624.99	21.24	22.60	1.368	-0.05	0.548	0.750
	FR1 n48_Ant 2	40M	BPSK	1	1	Back	10mm	10	641666	3624.99	21.32	22.60	1.343	0.05	0.484	0.650
	FR1 n48_Ant 2	40M	BPSK	50	28	Back	10mm	10	641666	3624.99	21.24	22.60	1.368	-0.05	0.462	0.632
	FR1 n48_Ant 2	40M	BPSK	1	1	Front	10mm	11	641666	3624.99	21.32	21.80	1.117	-0.04	0.562	0.628
	FR1 n48_Ant 2	40M	BPSK	50	28	Front	10mm	11	641666	3624.99	21.24	21.80	1.138	-0.05	0.548	0.623
	FR1 n48_Ant 2	40M	BPSK	1	1	Back	10mm	11	641666	3624.99	21.32	21.80	1.117	0.05	0.484	0.541
	FR1 n48_Ant 2	40M	BPSK	50	28	Back	10mm	11	641666	3624.99	21.24	21.80	1.138	-0.05	0.462	0.526
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	10	641666	3624.99	22.72	24.30	1.439	0.09	0.258	0.371
	FR1 n48_Ant 5	40M	BPSK	50	28	Front	10mm	10	641666	3624.99	22.64	24.30	1.466	0.11	0.231	0.339
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	10	641666	3624.99	22.72	24.30	1.439	-0.05	0.352	0.506
	FR1 n48_Ant 5	40M	BPSK	50	28	Back	10mm	10	641666	3624.99	22.64	24.30	1.466	-0.03	0.334	0.489
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	11	641666	3624.99	22.72	23.50	1.197	0.09	0.258	0.309
	FR1 n48_Ant 5	40M	BPSK	50	28	Front	10mm	11	641666	3624.99	22.64	23.50	1.219	0.11	0.231	0.282
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	11	641666	3624.99	22.72	23.50	1.197	-0.05	0.352	0.421
	FR1 n48_Ant 5	40M	BPSK	50	28	Back	10mm	11	641666	3624.99	22.64	23.50	1.219	-0.03	0.334	0.407
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	10	656000	3840	19.71	20.80	1.285	0.13	0.339	0.436
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	10	656000	3840	19.63	20.80	1.309	0.05	0.319	0.418
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	10	656000	3840	19.71	20.80	1.285	0.04	0.405	0.521
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	10	656000	3840	19.63	20.80	1.309	-0.04	0.393	0.515
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	10	656000	3840	22.69	23.80	1.291	-0.01	0.397	0.513
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	10	633332	3499.98	19.91	20.80	1.227	0.12	0.468	0.574
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	10	633332	3499.98	19.85	20.80	1.245	0.1	0.445	0.554
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	19.91	20.80	1.227	-0.16	0.519	0.637
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	10	633332	3499.98	19.85	20.80	1.245	-0.13	0.498	0.620
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	22.98	23.80	1.208	-0.09	0.496	0.599
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	11	656000	3840	19.71	20.00	1.069	0.13	0.339	0.362
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	11	656000	3840	19.63	20.00	1.089	0.05	0.319	0.347
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	11	656000	3840	19.71	20.00	1.069	0.04	0.405	0.433
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	11	656000	3840	19.63	20.00	1.089	-0.04	0.393	0.428
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	11	656000	3840	22.69	23.00	1.074	-0.01	0.397	0.426
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	11	633332	3499.98	19.91	20.00	1.021	0.12	0.468	0.478
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	11	633332	3499.98	19.85	20.00	1.035	0.1	0.445	0.461
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	19.91	20.00	1.021	-0.16	0.519	0.530
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	11	633332	3499.98	19.85	20.00	1.035	-0.13	0.498	0.516
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	22.98	23.00	1.005	-0.09	0.496	0.498
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	10	656000	3840	20.42	22.10	1.472	0.01	0.307	0.452
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	10	656000	3840	20.27	22.10	1.524	-0.07	0.295	0.450



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	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	10	656000	3840	20.42	22.10	1.472	0	0.332	0.489
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	10	656000	3840	20.27	22.10	1.524	-0.04	0.309	0.471
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	19mm	1	656000	3840	23.06	24.10	1.271	-0.06	0.198	0.252
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	19mm	1	656000	3840	22.81	24.10	1.346	0.01	0.184	0.248
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	19mm	1	656000	3840	23.06	24.10	1.271	-0.14	0.129	0.164
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	19mm	1	656000	3840	22.81	24.10	1.346	-0.08	0.118	0.159
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	10	656000	3840	23.58	25.10	1.419	-0.03	0.328	0.465
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	10	633332	3499.98	20.48	22.10	1.452	0.04	0.228	0.331
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	10	633332	3499.98	20.43	22.10	1.469	0.15	0.216	0.317
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	20.48	22.10	1.452	-0.1	0.274	0.398
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	10	633332	3499.98	20.43	22.10	1.469	-0.18	0.259	0.380
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	19mm	1	633332	3499.98	23.02	24.10	1.282	-0.11	0.133	0.171
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	19mm	1	633332	3499.98	22.87	24.10	1.327	0.06	0.124	0.165
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	19mm	1	633332	3499.98	23.02	24.10	1.282	0.1	0.106	0.136
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	19mm	1	633332	3499.98	22.87	24.10	1.327	0	0.098	0.130
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	23.48	25.10	1.452	0.02	0.267	0.388
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	11	656000	3840	20.42	21.30	1.225	0.01	0.307	0.376
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	11	656000	3840	20.27	21.30	1.268	-0.07	0.295	0.374
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	11	656000	3840	20.42	21.30	1.225	0	0.332	0.407
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	11	656000	3840	20.27	21.30	1.268	-0.04	0.309	0.392
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	11	656000	3840	23.58	24.30	1.180	-0.03	0.328	0.387
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	11	633332	3499.98	20.48	21.30	1.208	0.04	0.228	0.275
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	11	633332	3499.98	20.43	21.30	1.222	0.15	0.216	0.264
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	20.48	21.30	1.208	-0.1	0.274	0.331
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	11	633332	3499.98	20.43	21.30	1.222	-0.18	0.259	0.316
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	23.48	24.30	1.208	0.02	0.267	0.322
216	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	10	656000	3840	20.24	21.50	1.337	0.06	0.558	0.746
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	10	656000	3840	20.14	21.50	1.368	0.07	0.522	0.714
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	10	656000	3840	20.24	21.50	1.337	-0.19	0.462	0.618
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	10	656000	3840	20.14	21.50	1.368	-0.16	0.444	0.607
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	10	656000	3840	23.22	24.50	1.343	-0.02	0.548	0.736
	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	10	633332	3499.98	20.16	21.50	1.361	0.16	0.488	0.664
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	10	633332	3499.98	20.10	21.50	1.380	-0.12	0.458	0.632
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	20.16	21.50	1.361	-0.07	0.436	0.594
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	10	633332	3499.98	20.10	21.50	1.380	0.14	0.415	0.573
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	10	633332	3499.98	23.30	24.50	1.318	-0.16	0.531	0.700
	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	11	656000	3840	20.24	20.70	1.112	0.06	0.558	0.620
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	11	656000	3840	20.14	20.70	1.138	0.07	0.522	0.594
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	11	656000	3840	20.24	20.70	1.112	-0.19	0.462	0.514
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	11	656000	3840	20.14	20.70	1.138	-0.16	0.444	0.505
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	11	656000	3840	23.22	23.70	1.117	-0.02	0.548	0.612
	FR1 n77_Ant 2	100M	BPSK	1	1	Front	10mm	11	633332	3499.98	20.16	20.70	1.132	0.16	0.488	0.553
	FR1 n77_Ant 2	100M	BPSK	135	69	Front	10mm	11	633332	3499.98	20.10	20.70	1.148	-0.12	0.458	0.526
	FR1 n77_Ant 2	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	20.16	20.70	1.132	-0.07	0.436	0.494
	FR1 n77_Ant 2	100M	BPSK	135	69	Back	10mm	11	633332	3499.98	20.10	20.70	1.148	0.14	0.415	0.476
	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Front	10mm	11	633332	3499.98	23.30	23.70	1.096	-0.16	0.531	0.582
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	10	656000	3840	21.85	22.90	1.274	-0.19	0.206	0.262
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	10	656000	3840	21.75	22.90	1.303	0.13	0.194	0.253
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	10	656000	3840	21.85	22.90	1.274	0.08	0.250	0.318
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	10	656000	3840	21.75	22.90	1.303	-0.07	0.232	0.302
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	10	656000	3840	24.89	25.90	1.262	-0.02	0.232	0.293
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	10	633332	3499.98	21.84	22.90	1.276	-0.15	0.380	0.485
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	10	633332	3499.98	21.80	22.90	1.288	0.02	0.358	0.461
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	21.84	22.90	1.276	0.03	0.403	0.514
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	10	633332	3499.98	21.80	22.90	1.288	-0.09	0.384	0.495



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	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	10	633332	3499.98	24.96	25.90	1.242	0	0.404	0.502
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	11	656000	3840	21.85	22.10	1.059	-0.19	0.206	0.218
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	11	656000	3840	21.75	22.10	1.084	0.13	0.194	0.210
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	11	656000	3840	21.85	22.10	1.059	0.08	0.250	0.265
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	11	656000	3840	21.75	22.10	1.084	-0.07	0.232	0.251
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	11	656000	3840	24.89	25.10	1.050	-0.02	0.243	0.255
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	11	633332	3499.98	21.84	22.10	1.062	-0.15	0.380	0.403
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	11	633332	3499.98	21.80	22.10	1.072	0.02	0.358	0.384
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	21.84	22.10	1.062	0.03	0.403	0.428
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	11	633332	3499.98	21.80	22.10	1.072	-0.09	0.384	0.411
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	11	633332	3499.98	24.96	25.10	1.033	0	0.404	0.417

<NTN SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	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)
	NTN Band 23_Ant 0	15K	BPSK	1	0	Front	10mm	10	25600	2010	22.35	23.20	1.216	60	1.133	-0.11	0.468	0.645
	NTN Band 23_Ant 0	15K	BPSK	1	0	Front	10mm	10	25501	2000.1	22.09	23.20	1.291	60	1.133	0	0.501	0.733
217	NTN Band 23_Ant 0	15K	BPSK	1	0	Front	10mm	10	25699	2019.9	22.10	23.20	1.288	60	1.133	0.02	0.512	0.747
	NTN Band 23_Ant 0	15K	BPSK	1	0	Back	10mm	10	25600	2010	22.35	23.20	1.216	60	1.133	-0.07	0.405	0.558
	NTN Band 255_Ant 0	15K	BPSK	1	0	Front	10mm	10	261843	1660.4	22.35	23.30	1.245	60	1.133	-0.03	0.503	0.709
218	NTN Band 255_Ant 0	15K	BPSK	1	0	Front	10mm	10	261505	1626.6	22.29	23.30	1.262	60	1.133	-0.06	0.518	0.741
	NTN Band 255_Ant 0	15K	BPSK	1	0	Front	10mm	10	261674	1643.5	22.23	23.30	1.279	60	1.133	-0.02	0.503	0.729
	NTN Band 255_Ant 0	15K	BPSK	1	0	Back	10mm	10	261843	1660.4	22.35	23.30	1.245	60	1.133	0.02	0.417	0.588



<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	6-1	6	2437	23.35	23.50	1.035	100	1.000	0.15	0.492	0.509
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	6-1	6	2437	23.35	23.50	1.035	100	1.000	0.14	0.338	0.350
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	6-2	12	2467	19.95	21.00	1.274	100	1.000	0.17	0.255	0.325
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	6-2	12	2467	19.95	21.00	1.274	100	1.000	0.14	0.179	0.228
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	7-2	12	2467	17.65	18.00	1.084	100	1.000	0.02	0.142	0.154
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	7-2	12	2467	17.65	18.00	1.084	100	1.000	-0.14	0.103	0.112
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	0.15	0.492	0.509
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8-1	6	2437	23.35	23.50	1.035	100	1.000	0.14	0.338	0.350
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	0.17	0.255	0.325
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8-2	12	2467	19.95	21.00	1.274	100	1.000	0.14	0.179	0.228
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	0.02	0.142	0.154
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	9-2	12	2467	17.65	18.00	1.084	100	1.000	-0.14	0.103	0.112
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4	6-1	6	2437	23.95	24.00	1.012	100	1.000	-0.15	0.404	0.409
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4	6-1	6	2437	23.95	24.00	1.012	100	1.000	0.18	0.191	0.193
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4	6-2	6	2437	23.95	24.00	1.012	100	1.000	-0.15	0.404	0.409
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4	6-2	6	2437	23.95	24.00	1.012	100	1.000	0.18	0.191	0.193
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4	7-1	6	2437	23.95	24.00	1.012	100	1.000	-0.15	0.394	0.399
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4	7-1	6	2437	23.95	24.00	1.012	100	1.000	0.18	0.191	0.193
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	0.16	1.010	1.022
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	1	2412	21.65	22.50	1.216	100	1.000	0.19	0.666	0.810
219	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	11	2462	22.95	23.00	1.012	100	1.000	-0.08	1.120	1.133
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	12	2467	21.45	21.50	1.012	100	1.000	0.12	0.704	0.712
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-1	13	2472	16.35	16.50	1.035	100	1.000	0.19	0.192	0.199
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8-1	6	2437	23.45	23.50	1.012	100	1.000	-0.15	0.591	0.598
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	-0.14	0.566	0.586
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8-2	12	2467	20.85	21.00	1.035	100	1.000	-0.01	0.330	0.342
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	-0.05	0.284	0.287
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	9-2	12	2467	17.95	18.00	1.012	100	1.000	0.12	0.155	0.157
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	6-1	6	2437	21.75	22.00	1.059	100	1.000	0.06	0.265	0.281
	WLAN2.4GHz	802.11g 6Mbps	Front	15mm	Ant 3+4(4)	6-1	6	2437	21.85	22.00	1.035	100	1.000	-0.01	0.380	0.393
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	6-1	6	2437	21.75	22.00	1.059	100	1.000	-0.08	0.153	0.162
	WLAN2.4GHz	802.11g 6Mbps	Back	15mm	Ant 3+4(4)	6-1	6	2437	21.85	22.00	1.035	100	1.000	-0.15	0.209	0.216
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	6-2	6	2437	19.25	21.00	1.496	100	1.000	-0.17	0.168	0.251
	WLAN2.4GHz	802.11g 6Mbps	Front	15mm	Ant 3+4(4)	6-2	6	2437	21.85	22.00	1.035	100	1.000	-0.01	0.380	0.393
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	6-2	6	2437	19.25	21.00	1.496	100	1.000	-0.1	0.097	0.145
	WLAN2.4GHz	802.11g 6Mbps	Back	15mm	Ant 3+4(4)	6-2	6	2437	21.85	22.00	1.035	100	1.000	-0.15	0.209	0.216
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	7-2	6	2437	17.10	18.00	1.230	100	1.000	0	0.105	0.129
	WLAN2.4GHz	802.11g 6Mbps	Front	15mm	Ant 3+4(4)	7-2	6	2437	21.85	22.00	1.035	100	1.000	-0.01	0.380	0.393
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	7-2	6	2437	17.10	18.00	1.230	100	1.000	-0.05	0.058	0.071
	WLAN2.4GHz	802.11g 6Mbps	Back	15mm	Ant 3+4(4)	7-2	6	2437	21.85	22.00	1.035	100	1.000	-0.15	0.209	0.216
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	0.06	0.265	0.281
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	0.06	0.889	0.920
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	1	2412	18.65	19.50	1.216	100	1.000	-0.11	0.111	0.135
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	1	2412	19.25	19.50	1.059	100	1.000	0.18	0.371	0.393
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	11	2462	17.95	19.00	1.274	100	1.000	-0.07	0.116	0.148
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	11	2462	18.85	19.00	1.035	100	1.000	-0.05	0.389	0.403
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	12	2467	15.85	16.50	1.161	100	1.000	0.05	0.070	0.081
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	12	2467	16.45	16.50	1.012	100	1.000	-0.17	0.235	0.238
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-1	13	2472	10.05	11.00	1.245	100	1.000	0.03	0.018	0.022
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-1	13	2472	10.75	11.00	1.059	100	1.000	0.02	0.060	0.064



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	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8-1	6	2437	21.75	22.00	1.059	100	1.000	-0.08	0.153	0.162
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8-1	6	2437	21.85	22.00	1.035	100	1.000	-0.15	0.514	0.532
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	-0.17	0.168	0.251
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	-0.09	0.563	0.761
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8-2	6	2437	19.25	21.00	1.496	100	1.000	-0.1	0.097	0.145
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8-2	6	2437	19.69	21.00	1.352	100	1.000	0.12	0.326	0.441
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	0	0.105	0.129
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	0	0.355	0.359
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	9-2	6	2437	17.10	18.00	1.230	100	1.000	-0.05	0.058	0.071
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	9-2	6	2437	17.95	18.00	1.012	100	1.000	0.13	0.201	0.203
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	6-1	54	5270	19.87	20.00	1.030	99.13	1.009	-0.05	0.312	0.324
	WLAN5GHz	802.11n-HT40 MCS0	Front	15mm	Ant 3+4(4)	6-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.02	0.264	0.294
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	6-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.04	0.134	0.139
	WLAN5GHz	802.11n-HT40 MCS0	Back	15mm	Ant 3+4(4)	6-1	54	5270	19.57	20.00	1.104	99.13	1.009	0.18	0.110	0.123
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	7-1	54	5270	16.95	17.50	1.135	99.13	1.009	0.02	0.135	0.155
	WLAN5GHz	802.11n-HT40 MCS0	Front	15mm	Ant 3+4(4)	7-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.02	0.264	0.294
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	7-1	54	5270	16.95	17.50	1.135	99.13	1.009	-0.16	0.065	0.074
	WLAN5GHz	802.11n-HT40 MCS0	Back	15mm	Ant 3+4(4)	7-1	54	5270	19.57	20.00	1.104	99.13	1.009	0.18	0.110	0.123
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	8-1	54	5270	19.87	20.00	1.030	99.13	1.009	-0.05	0.312	0.324
220	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	8-1	54	5270	19.57	20.00	1.104	99.13	1.009	-0.05	0.562	0.626
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	8-1	54	5270	19.87	20.00	1.030	99.13	1.009	0.04	0.134	0.139
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	8-1	54	5270	19.57	20.00	1.104	99.13	1.009	0	0.241	0.268
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	9-1	54	5270	16.95	17.50	1.135	99.13	1.009	0.02	0.135	0.155
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	9-1	54	5270	16.82	17.50	1.169	99.13	1.009	0.02	0.281	0.332
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	9-1	54	5270	16.95	17.50	1.135	99.13	1.009	-0.16	0.065	0.074
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	9-1	54	5270	16.82	17.50	1.169	99.13	1.009	-0.16	0.119	0.140
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	6-1	138	5690	19.87	20.00	1.030	97.77	1.023	-0.02	0.143	0.151
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 3+4(4)	6-1	138	5690	19.47	20.00	1.130	97.77	1.023	-0.15	0.348	0.402
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	6-1	138	5690	19.87	20.00	1.030	97.77	1.023	0.12	0.079	0.083
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 3+4(4)	6-1	138	5690	19.47	20.00	1.130	97.77	1.023	-0.14	0.215	0.248
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	7-1	122	5610	15.27	16.00	1.183	97.77	1.023	0.05	0.086	0.104
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 3+4(4)	7-1	122	5610	19.87	20.00	1.030	97.77	1.023	0.13	0.374	0.394
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	7-1	122	5610	15.27	16.00	1.183	97.77	1.023	-0.06	0.054	0.065
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 3+4(4)	7-1	122	5610	19.87	20.00	1.030	97.77	1.023	0.11	0.272	0.287
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8-1	138	5690	19.87	20.00	1.030	97.77	1.023	-0.02	0.272	0.287
221	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8-1	138	5690	19.88	20.00	1.028	97.77	1.023	-0.02	0.727	0.765
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8-1	138	5690	19.87	20.00	1.030	97.77	1.023	0.12	0.164	0.173
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8-1	138	5690	19.88	20.00	1.028	97.77	1.023	0.07	0.437	0.460
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	9-1	122	5610	15.27	16.00	1.183	97.77	1.023	0.05	0.114	0.138
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	9-1	122	5610	15.47	16.00	1.130	97.77	1.023	0.05	0.272	0.314
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	9-1	122	5610	15.27	16.00	1.183	97.77	1.023	-0.06	0.076	0.092
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	9-1	122	5610	15.47	16.00	1.130	97.77	1.023	0.04	0.214	0.247
	WLAN5GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	6-1	149	5745	17.86	18.00	1.033	100	1.000	0.04	0.124	0.128
	WLAN5GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	6-1	149	5745	20.67	21.00	1.079	100	1.000	0.14	0.238	0.257
	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	6-1	149	5745	17.86	18.00	1.033	100	1.000	0.06	0.077	0.080
	WLAN5GHz	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	6-1	149	5745	20.67	21.00	1.079	100	1.000	0.06	0.231	0.249
	WLAN5GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	7-1	149	5745	15.39	15.50	1.026	97.77	1.023	-0.12	0.089	0.093
	WLAN5GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	7-1	149	5745	20.67	21.00	1.079	100	1.000	0.14	0.238	0.257
	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	7-1	149	5745	15.39	15.50	1.026	97.77	1.023	-0.12	0.056	0.059
	WLAN5GHz	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	7-1	149	5745	20.67	21.00	1.079	100	1.000	0.06	0.231	0.249
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.04	0.124	0.161
222	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	-0.09	0.386	0.584
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8-1	155	5775	16.97	18.00	1.268	97.77	1.023	0.06	0.077	0.100
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8-1	155	5775	16.30	18.00	1.479	97.77	1.023	0.12	0.241	0.365
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.12	0.076	0.113



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	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	0.06	0.222	0.345
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	9-1	155	5775	13.87	15.50	1.455	97.77	1.023	0.12	0.041	0.061
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	9-1	155	5775	13.69	15.50	1.517	97.77	1.023	-0.13	0.136	0.211
	WLAN5GHZ	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	6-1	169	5845	17.88	18.00	1.028	100	1.000	0.05	0.071	0.073
	WLAN5GHZ	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	6-1	169	5845	20.57	21.00	1.104	100	1.000	0.19	0.270	0.298
	WLAN5GHZ	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	6-1	169	5845	17.88	18.00	1.028	100	1.000	-0.18	0.044	0.045
	WLAN5GHZ	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	6-1	169	5845	20.57	21.00	1.104	100	1.000	0.18	0.237	0.262
	WLAN5GHZ	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	7-1	169	5845	15.39	15.50	1.026	100	1.000	0.15	0.058	0.059
	WLAN5GHZ	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	7-1	169	5845	20.57	21.00	1.104	100	1.000	0.19	0.270	0.298
	WLAN5GHZ	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	7-1	169	5845	15.39	15.50	1.026	100	1.000	0.1	0.033	0.034
	WLAN5GHZ	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	7-1	169	5845	20.57	21.00	1.104	100	1.000	0.18	0.237	0.262
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.05	0.071	0.096
223	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.01	0.403	0.560
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	-0.18	0.044	0.060
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8-1	171	5855	16.67	18.00	1.358	97.77	1.023	0.1	0.247	0.343
	WLAN5GHZ	802.11ac-VHT160 MCS0	Front	10mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	0.05	0.043	0.064
	WLAN5GHZ	802.11ac-VHT160 MCS0	Front	10mm	Ant 3+4(4)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.01	0.213	0.317
	WLAN5GHZ	802.11ac-VHT160 MCS0	Back	10mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.18	0.023	0.034
	WLAN5GHZ	802.11ac-VHT160 MCS0	Back	10mm	Ant 3+4(4)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	0.1	0.142	0.211



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	6-1	1	5955	14.82	15.00	1.042	100	1.000	-0.07	0.031	0.032	0.289	0.301
224	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	6-1	1	5955	20.85	21.00	1.035	100	1.000	-0.13	0.325	0.336	2.790	2.888
	WLAN6GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	6-1	57	6235	14.55	15.00	1.109	100	1.000	0.19	0.032	0.035	0.237	0.263
	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	6-1	57	6235	20.77	21.00	1.054	100	1.000	0.15	0.289	0.305	2.560	2.699
	WLAN6GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	6-1	173	6815	12.75	13.50	1.189	100	1.000	-0.15	0.021	0.025	0.128	0.152
	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	6-1	173	6815	20.95	21.00	1.012	100	1.000	0.02	0.252	0.255	2.230	2.256
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	6-1	111	6505	14.43	14.50	1.016	95.24	1.050	0.14	0.020	0.021	0.152	0.162
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 3+4(4)	6-1	111	6505	17.83	19.00	1.309	95.24	1.050	-0.13	0.163	0.224	1.260	1.732
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	6-1	207	6985	14.11	14.50	1.094	95.24	1.050	-0.14	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 3+4(4)	6-1	207	6985	17.21	18.50	1.346	95.24	1.050	0.01	0.048	0.068	0.288	0.407
	WLAN6GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	6-1	1	5955	14.82	15.00	1.042	95.24	1.050	0.19	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	6-1	1	5955	20.85	21.00	1.035	100	1.000	-0.15	0.252	0.261	1.720	1.780
	WLAN6GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	7-1	1	5955	14.82	15.00	1.042	100	1.000	-0.07	0.031	0.032	0.289	0.301
	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	7-1	1	5955	20.85	21.00	1.035	100	1.000	-0.13	0.325	0.336	2.790	2.888
	WLAN6GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	7-1	57	6235	14.55	15.00	1.109	100	1.000	0.19	0.032	0.035	0.237	0.263
	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	7-1	57	6235	20.77	21.00	1.054	100	1.000	0.15	0.289	0.305	2.560	2.699
	WLAN6GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	7-1	173	6815	12.75	13.50	1.189	100	1.000	-0.15	0.021	0.025	0.128	0.152
	WLAN6GHz	802.11a 6Mbps	Front	15mm	Ant 3+4(4)	7-1	173	6815	20.95	21.00	1.012	100	1.000	0.02	0.252	0.255	2.230	2.256
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	7-1	111	6505	14.43	14.50	1.016	95.24	1.050	0.14	0.020	0.021	0.152	0.162
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 3+4(4)	7-1	111	6505	17.83	19.00	1.309	95.24	1.050	-0.13	0.163	0.224	1.260	1.732
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	7-1	207	6985	14.11	14.50	1.094	95.24	1.050	-0.14	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 3+4(4)	7-1	207	6985	17.21	18.50	1.346	95.24	1.050	0.01	0.048	0.068	0.288	0.407
	WLAN6GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	7-1	1	5955	14.82	15.00	1.042	100	1.000	0.19	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11a 6Mbps	Back	15mm	Ant 3+4(4)	7-1	1	5955	20.85	21.00	1.035	100	1.000	-0.15	0.252	0.261	1.720	1.780
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	-0.07	0.031	0.037	0.225	0.268
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	0.13	0.187	0.203	1.360	1.478
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	8-1	47	6185	13.85	15.00	1.303	95.24	1.050	0.19	0.032	0.044	0.237	0.324
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	8-1	47	6185	14.75	15.00	1.059	95.24	1.050	0.05	0.193	0.215	1.450	1.613
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	8-1	111	6505	14.43	14.50	1.016	95.24	1.050	0.14	0.020	0.021	0.152	0.162
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	8-1	111	6505	13.63	14.50	1.222	95.24	1.050	-0.18	0.119	0.153	0.907	1.164
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	8-1	143	6665	13.50	13.50	1.000	95.24	1.050	0.12	0.015	0.016	0.115	0.121
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	8-1	143	6665	13.43	13.50	1.016	95.24	1.050	-0.03	0.091	0.097	0.698	0.745
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	8-1	207	6985	14.11	14.50	1.094	95.24	1.050	-0.14	0.001	0.001	0.006	0.007
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	8-1	207	6985	13.41	14.50	1.285	95.24	1.050	0.18	0.035	0.047	0.235	0.317
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	0.19	0.001	0.001	0.007	0.008
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	-0.19	0.052	0.057	0.367	0.399



<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	0.11	0.330	0.367
	Bluetooth	1Mbps	Back	10mm	Ant 3	6/7/8	39	2441	19.38	19.50	1.028	77	1.082	-0.01	0.178	0.198
	Bluetooth	1Mbps	Front	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	0.02	0.390	0.425
	Bluetooth	1Mbps	Back	10mm	Ant 4	7/8	39	2441	19.46	19.50	1.010	77.1	1.080	0.15	0.263	0.287
	Bluetooth	1Mbps	Front	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	0.02	0.309	0.366
	Bluetooth	1Mbps	Back	10mm	Ant 4	6	39	2441	18.10	18.50	1.096	77.1	1.080	-0.01	0.182	0.216
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	0.01	0.134	0.149
225	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	-0.15	0.461	0.505
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	7/8	39	2441	19.38	19.50	1.028	76.86	1.084	-0.13	0.078	0.087
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	7/8	39	2441	19.46	19.50	1.010	76.86	1.084	-0.1	0.262	0.287
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	0.12	0.113	0.128
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	0.12	0.335	0.367
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	6	39	2441	17.82	18.00	1.042	76.86	1.084	-0.13	0.055	0.062
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	6	39	2441	17.95	18.00	1.012	76.86	1.084	-0.1	0.182	0.200

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Power Index	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)
226	Thread_Ant 3	250K	Front	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	-0.02	0.105	0.132
	Thread_Ant 3	250K	Back	10mm	Index 6/7/8	11	2405	18.51	19.50	1.256	0.07	0.074	0.093



16.4 Product Specific SAR

<5G NR SAR>

Table with 17 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Test Position, Gap (mm), Power Index, 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). Rows include FR1 n7_Ant 2 at 50M BPSK.

<NTN SAR>

Table with 19 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Test Position, Gap (mm), Power Index, 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). Rows include NTN Band 23_Ant 0 and NTN Band 255_Ant 0.

<WLAN SAR>

Table with 18 columns: Plot No., Band, Mode, Test Position, Gap (mm), Antenna, Power Index, 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). Rows include WLAN5GHz and WLAN5GHz with various modes like HT40 MCS0 and VHT80 MCS0.



FCC SAR TEST REPORT

Report No. : FA3D2001D

	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	9-1	122	5610	15.27	16.00	1.183	97.77	1.023	0.06	0.223	0.270
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	9-1	122	5610	15.27	16.00	1.183	97.77	1.023	-0.01	0.001	0.001
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	9-1	122	5610	15.47	16.00	1.130	97.77	1.023	-0.01	0.666	0.770
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	-0.11	0.037	0.050
	WLAN5GHZ	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	8-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.1	0.301	0.418
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	-0.02	0.051	0.069
	WLAN5GHZ	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	8-1	171	5855	16.67	18.00	1.358	97.77	1.023	-0.19	0.411	0.571
	WLAN5GHZ	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	-0.1	0.312	0.424
	WLAN5GHZ	802.11ax-HE20 MCS0	Right Side	0mm	Ant 4	0	169	5845	20.37	21.00	1.156	97.77	1.023	-0.01	0.185	0.219
	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	8-1	171	5855	16.77	18.00	1.327	97.77	1.023	0.07	0.001	0.001
232	WLAN5GHZ	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	171	5855	16.67	18.00	1.358	97.77	1.023	0.05	0.821	1.141
	WLAN5GHZ	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.11	0.016	0.024
	WLAN5GHZ	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.1	0.136	0.202
	WLAN5GHZ	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.02	0.022	0.033
	WLAN5GHZ	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.19	0.215	0.320
	WLAN5GHZ	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	-0.1	0.155	0.231
	WLAN5GHZ	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	0.07	0.001	0.001
	WLAN5GHZ	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	9-1	163	5815	13.87	15.50	1.455	97.77	1.023	0.05	0.413	0.615

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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-HE160 MCS0	Front	0mm	Ant 3+4(3)	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	0.12	0.033	0.039	0.635	0.757
	WLAN6GHZ	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	0.05	0.119	0.129	2.290	2.489
	WLAN6GHZ	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	0.06	0.045	0.054	0.855	1.019
	WLAN6GHZ	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	-0.03	0.298	0.324	5.660	6.152
	WLAN6GHZ	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	-0.11	0.069	0.082	1.310	1.561
	WLAN6GHZ	802.11ax-HE20 MCS0	Right Side	0mm	Ant 4	0	1	5955	20.45	21.00	1.135	95.24	1.050	0.1	0.098	0.117		
233	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	-0.09	0.512	0.556	12.200	13.260
	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	47	6185	14.75	15.00	1.059	95.24	1.050	0.12	0.358	0.398	6.850	7.619
	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	111	6505	13.63	14.50	1.222	95.24	1.050	-0.03	0.356	0.457	6.900	8.852
	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	143	6665	13.43	13.50	1.016	95.24	1.050	0.09	0.310	0.331	5.720	6.104
	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	8-1	207	6985	13.41	14.50	1.285	95.24	1.050	-0.02	0.169	0.228	3.180	4.292

<NFCSAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Freq. (MHz)	Power Drift (dB)	Measured 10g SAR (W/kg)
234	NFC	ASK	Front	0mm	13.56	0.13	0.041
	NFC	ASK	Back	0mm	13.56	0.13	0.001
	NFC	ASK	Left Side	0mm	13.56	-0.01	0.001
	NFC	ASK	Right Side	0mm	13.56	0.18	0.001
	NFC	ASK	Top Side	0mm	13.56	0.14	0.001
	NFC	ASK	Bottom Side	0mm	13.56	0.16	0.001



16.5 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-HE160 MCS0	Back	2mm	Ant 3+4(4)	15	6025	14.85	0.0625	2.67	3.059373302	3.37	4.36
WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	15	6025	14.85	0.25	1.32		0.83	0.913
WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	207	6985	13.41	0.0625	1.57	-0.96356419	2.38	2.59
WLAN6GHz	802.11ax-HE160 MCS0	Back	8.59mm	Ant 3+4(4)	207	6985	13.41	0.25	1.96		0.371	0.393

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	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-HE160 MCS0	Front	2mm	Ant 3+4(4)	5-1	207	6985	9.55	10.50	1.245	95.24	1.050	0.0625	1.5535	0.07	0.578	1.17	0.592	1.20
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	5-1	143	6665	5.53	6.50	1.250	95.24	1.050	0.0625	1.5535	-0.07	0.158	0.32	0.197	0.40
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	5-1	15	6025	3.05	4.50	1.396	95.24	1.050	0.0625	1.5535	0.12	0.332	0.76	0.376	0.86
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	5-1	47	6185	2.85	4.50	1.462	95.24	1.050	0.0625	1.5535	0.08	0.22	0.52	0.242	0.58
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	5-1	111	6505	5.83	6.00	1.040	95.24	1.050	0.0625	1.5535	0.15	0.351	0.60	0.509	0.86
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	0.0625	1.5535	-0.19	1.44	2.43	1.96	3.31
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	0.0625	1.5535	-0.1	3.37	5.69	4.36	7.36
	WLAN6GHz	802.11a 6Mbps	Right Side	2mm	Ant 3+4(4)	0	1	5955	20.85	21.00	1.035	100.00	1.000	0.0625	1.5535	0.19	1.58	2.54	1.91	3.07
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 3+4(3)	8-1	15	6025	14.45	15.00	1.135	95.24	1.050	0.0625	1.5535	0.08	1.5	2.78	1.9	3.52
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	8-1	15	6025	14.85	15.00	1.035	95.24	1.050	0.0625	1.5535	0.13	2.13	3.60	3.21	5.42
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	8-1	47	6185	14.75	15.00	1.059	95.24	1.050	0.0625	1.5535	-0.06	2.47	4.27	3.48	6.01
235	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	8-1	143	6665	13.43	13.50	1.016	95.24	1.050	0.0625	1.5535	0.03	3.22	5.34	4.51	7.48
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	8-1	111	6505	13.63	14.50	1.222	95.24	1.050	0.0625	1.5535	0.02	2.82	5.62	3.74	7.45
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	8-1	207	6985	13.41	14.50	1.285	95.24	1.050	0.0625	1.5535	0.17	2.38	4.99	2.59	5.43

17. Repeated SAR Measurement

No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132072	1720	17.57	17.70	1.030	-0.14	0.802	-	0.826
2nd	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	132072	1720	17.57	17.70	1.030	0.16	0.784	1.02	0.808
1st	FR1 n7_Ant 2	50M	BPSK	1	1	Bottom Side	10mm	507000	2535	18.87	18.90	1.007	-0.02	0.820	-	0.826
2nd	FR1 n7_Ant 2	50M	BPSK	1	1	Bottom Side	10mm	507000	2535	18.87	18.90	1.007	0.05	0.814	1.01	0.820
1st	FR1 n30_Ant 2	10M	BPSK	1	1	Bottom Side	10mm	462000	2310	17.26	17.40	1.033	0.02	0.804	-	0.830
2nd	FR1 n30_Ant 2	10M	BPSK	1	1	Bottom Side	10mm	462000	2310	17.26	17.40	1.033	0.01	0.784	1.02	0.810
1st	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	656000	3840	23.22	23.30	1.019	-0.02	0.806	-	0.821
2nd	FR1 n77_HPUE_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	656000	3840	23.22	23.30	1.019	0.08	0.786	1.02	0.801

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	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	122	5610	16.77	18.00	1.327	97.77	1.023	-0.17	0.001	-	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	122	5610	16.97	18.00	1.268	97.77	1.023	0.05	0.893		1.158
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	122	5610	16.77	18.00	1.327	97.77	1.023	0.05	0.001	1.02	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	122	5610	16.97	18.00	1.268	97.77	1.023	0.19	0.876		1.136
1st	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	15	6025	15.85	16.00	1.035	95.24	1.050	0.09	0.047	-	0.051
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	15	6025	15.95	16.00	1.012	95.24	1.050	-0.02	0.984		1.045
2nd	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	15	6025	15.85	16.00	1.035	95.24	1.050	0.11	0.036	1.02	0.039
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	15	6025	15.95	16.00	1.012	95.24	1.050	0.14	0.965		1.025

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	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	11	2462	22.95	23.00	1.012	100	1.000	-0.08	1.120	-	1.133
2nd	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	11	2462	22.95	23.00	1.012	100	1.000	0.15	1.050	1.07	1.062

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8W/kg$.
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. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.



18. Power Class 2 and Power Class 3 Linearity

General Note:

This device support Power Class 2 and Power Class 3 operations. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE 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%

<LTE Band 41 Linearity Data for Head>

Table with 3 columns: LTE Band 41_Ant 2 (Power Class 3), LTE Band 41_Ant 2 (Power Class 2). Rows include Maximum Tune up Power (dBm), Reported 1g SAR (W/kg), Duty Cycle, Frame Averaged (mW), Linearity SAR(W/kg), and % deviation from expected linearity.

Table with 3 columns: LTE Band 41_Ant 1 (Power Class 3), LTE Band 41_Ant 1 (Power Class 2). Rows include Maximum Tune up Power (dBm), Reported 1g SAR (W/kg), Duty Cycle, Frame Averaged (mW), Linearity SAR(W/kg), and % deviation from expected linearity.

Table with 3 columns: LTE Band 41_Ant 0 (Power Class 3), LTE Band 41_Ant 0 (Power Class 2). Rows include Maximum Tune up Power (dBm), Reported 1g SAR (W/kg), Duty Cycle, Frame Averaged (mW), Linearity SAR(W/kg), and % deviation from expected linearity.

Table with 3 columns: LTE Band 41_Ant 5 (Power Class 3), LTE Band 41_Ant 5 (Power Class 2). Rows include Maximum Tune up Power (dBm), Reported 1g SAR (W/kg), Duty Cycle, Frame Averaged (mW), Linearity SAR(W/kg), and % deviation from expected linearity.



<LTE Band 41 Linearity Data for Hotspot>

	LTE Band 41_Ant 2	LTE Band 41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.3	21.9
Reported 1g SAR (W/kg)	0.825	0.748
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	67.83	67.06
Linearity SAR(W/kg)	0.82	
% deviation from expected linearity		-8.30%

	LTE Band 41_Ant 1	LTE Band 41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.1	25.7
Reported 1g SAR (W/kg)	0.512	0.471
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	162.71	160.87
Linearity SAR(W/kg)	0.51	
% deviation from expected linearity		-6.96%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23	24.6
Reported 1g SAR (W/kg)	0.776	0.713
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	126.30	124.88
Linearity SAR(W/kg)	0.77	
% deviation from expected linearity		-7.07%

	LTE Band 41_Ant 5	LTE Band 41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27
Reported 1g SAR (W/kg)	0.458	0.446
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	204.83	217.01
Linearity SAR(W/kg)	0.49	
% deviation from expected linearity		-8.09%



<LTE Band 41 Linearity Data for Body-worn>

	LTE Band 41_Ant 2	LTE Band 41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.4	23
Reported 1g SAR (W/kg)	0.698	0.638
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	87.38	86.39
Linearity SAR(W/kg)	0.69	
% deviation from expected linearity		-7.56%

	LTE Band 41_Ant 1	LTE Band 41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.6	25.2
Reported 1g SAR (W/kg)	0.494	0.445
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	145.01	143.38
Linearity SAR(W/kg)	0.49	
% deviation from expected linearity		-8.89%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.8	26.4
Reported 1g SAR (W/kg)	0.787	0.705
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	191.16	189.01
Linearity SAR(W/kg)	0.78	
% deviation from expected linearity		-9.40%

	LTE Band 41_Ant 5	LTE Band 41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	25.9
Reported 1g SAR (W/kg)	0.501	0.46
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	170.37	168.46
Linearity SAR(W/kg)	0.50	
% deviation from expected linearity		-7.14%



<FR1 n41 Linearity Data for Head>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27
Reported 1g SAR (W/kg)	0.059	0.05
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	250.59
Linearity SAR(W/kg)	0.05	
% deviation from expected linearity		9.43%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.8	21.8
Reported 1g SAR (W/kg)	0.807	0.822
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	75.86	75.68
Linearity SAR(W/kg)	0.81	
% deviation from expected linearity		2.10%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27
Reported 1g SAR (W/kg)	0.54	0.41
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	250.59
Linearity SAR(W/kg)	0.42	
% deviation from expected linearity		-1.96%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27
Reported 1g SAR (W/kg)	0.642	0.485
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	250.59
Linearity SAR(W/kg)	0.50	
% deviation from expected linearity		-2.45%



<FR1 n77 Linearity Data for Head>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.5
Reported 1g SAR (W/kg)	0.296	0.281
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	281.17
Linearity SAR(W/kg)	0.26	
% deviation from expected linearity		9.26%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	14	17
Reported 1g SAR (W/kg)	0.752	0.686
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	25.12	25.06
Linearity SAR(W/kg)	0.75	
% deviation from expected linearity		-8.56%

	FR1 n77_Ant 2	FR1 n77_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25	26.2
Reported 1g SAR (W/kg)	0.184	0.111
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	208.43
Linearity SAR(W/kg)	0.12	
% deviation from expected linearity		-8.48%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25	26.2
Reported 1g SAR (W/kg)	0.73	0.494
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	208.43
Linearity SAR(W/kg)	0.48	
% deviation from expected linearity		2.67%



<FR1 n78 Linearity Data for Head>

	FR1 n78_Ant 6	FR1 n78_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.5	27.5
Reported 1g SAR (W/kg)	0.51	0.371
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	354.81	281.17
Linearity SAR(W/kg)	0.40	
% deviation from expected linearity		-8.20%

	FR1 n78_Ant 1	FR1 n78_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	14.6	17.6
Reported 1g SAR (W/kg)	0.415	0.377
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	28.84	28.77
Linearity SAR(W/kg)	0.41	
% deviation from expected linearity		-8.94%

	FR1 n78_Ant 2	FR1 n78_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25	26.2
Reported 1g SAR (W/kg)	0.225	0.142
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	208.43
Linearity SAR(W/kg)	0.15	
% deviation from expected linearity		-4.25%

	FR1 n78_Ant 5	FR1 n78_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.5	26.2
Reported 1g SAR (W/kg)	0.527	0.461
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	208.43
Linearity SAR(W/kg)	0.49	
% deviation from expected linearity		-6.04%



<FR1 n41 Linearity Data for Hotspot>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.8	21.8
Reported 1g SAR (W/kg)	0.813	0.794
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	75.86	75.68
Linearity SAR(W/kg)	0.81	
% deviation from expected linearity		-2.11%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.4	24.4
Reported 1g SAR (W/kg)	0.497	0.496
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	138.04	137.71
Linearity SAR(W/kg)	0.50	
% deviation from expected linearity		0.04%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.6	25.6
Reported 1g SAR (W/kg)	0.763	0.692
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	181.97	181.54
Linearity SAR(W/kg)	0.76	
% deviation from expected linearity		-9.09%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.7	25.7
Reported 1g SAR (W/kg)	0.486	0.475
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	186.21	185.77
Linearity SAR(W/kg)	0.48	
% deviation from expected linearity		-2.03%



<FR1 n77 Linearity Data for Hotspot>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.7	24.7
Reported 1g SAR (W/kg)	0.532	0.524
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	147.91	147.56
Linearity SAR(W/kg)	0.53	
% deviation from expected linearity		-1.27%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.8	23.8
Reported 1g SAR (W/kg)	0.507	0.457
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	120.23	119.94
Linearity SAR(W/kg)	0.51	
% deviation from expected linearity		-9.65%

	FR1 n77_Ant 2	FR1 n77_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.3	23.3
Reported 1g SAR (W/kg)	0.813	0.821
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	107.15	106.90
Linearity SAR(W/kg)	0.81	
% deviation from expected linearity		1.22%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 1g SAR (W/kg)	0.428	0.417
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	0.43	
% deviation from expected linearity		-2.34%



<FR1 n78 Linearity Data for Hotspot>

	FR1 n78_Ant 6	FR1 n78_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.7	24.7
Reported 1g SAR (W/kg)	0.508	0.496
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	147.91	147.56
Linearity SAR(W/kg)	0.51	
% deviation from expected linearity		-2.13%

	FR1 n78_Ant 1	FR1 n78_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.8	23.8
Reported 1g SAR (W/kg)	0.484	0.472
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	120.23	119.94
Linearity SAR(W/kg)	0.48	
% deviation from expected linearity		-2.25%

	FR1 n78_Ant 2	FR1 n78_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21	24
Reported 1g SAR (W/kg)	0.826	0.803
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	125.59
Linearity SAR(W/kg)	0.82	
% deviation from expected linearity		-2.55%

	FR1 n78_Ant 5	FR1 n78_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.3	25.3
Reported 1g SAR (W/kg)	0.484	0.459
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	169.82	169.42
Linearity SAR(W/kg)	0.48	
% deviation from expected linearity		-4.94%



<FR1 n41 Linearity Data for Body-worn>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.4	23.4
Reported 1g SAR (W/kg)	0.731	0.724
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	109.65	109.39
Linearity SAR(W/kg)	0.73	
% deviation from expected linearity		-0.72%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.2	25.2
Reported 1g SAR (W/kg)	0.585	0.57
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	165.96	165.57
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-2.33%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.4	26.4
Reported 1g SAR (W/kg)	0.772	0.769
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	218.78	218.26
Linearity SAR(W/kg)	0.77	
% deviation from expected linearity		-0.15%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.5	26.5
Reported 1g SAR (W/kg)	0.585	0.571
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-2.16%



<FR1 n77 Linearity Data for Body-worn>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.5	25.5
Reported 1g SAR (W/kg)	0.639	0.63
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	177.41
Linearity SAR(W/kg)	0.64	
% deviation from expected linearity		-1.17%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 1g SAR (W/kg)	0.489	0.465
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	0.49	
% deviation from expected linearity		-4.68%

	FR1 n77_Ant 2	FR1 n77_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.5	24.5
Reported 1g SAR (W/kg)	0.746	0.736
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	140.92
Linearity SAR(W/kg)	0.74	
% deviation from expected linearity		-1.11%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.9	25.9
Reported 1g SAR (W/kg)	0.514	0.502
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	194.98	194.52
Linearity SAR(W/kg)	0.51	
% deviation from expected linearity		-2.10%



<FR1 n78 Linearity Data for Body-worn>

	FR1 n78_Ant 6	FR1 n78_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.5	25.5
Reported 1g SAR (W/kg)	0.59	0.586
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	177.41
Linearity SAR(W/kg)	0.59	
% deviation from expected linearity		-0.44%

	FR1 n78_Ant 1	FR1 n78_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.6	24.6
Reported 1g SAR (W/kg)	0.58	0.525
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	144.54	144.20
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-9.27%

	FR1 n78_Ant 2	FR1 n78_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.8	24.8
Reported 1g SAR (W/kg)	0.686	0.667
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	151.36	151.00
Linearity SAR(W/kg)	0.68	
% deviation from expected linearity		-2.54%

	FR1 n78_Ant 5	FR1 n78_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.1	26.1
Reported 1g SAR (W/kg)	0.581	0.552
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	204.17	203.69
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-4.77%

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Conformity:

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

Disclaimer:

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.

19. 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 dep endent 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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